

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043827.D
 Acq On : 17 Dec 2019 19:59
 Operator : JU
 Sample : K6294-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Manual Integrations
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 12/18/2019 2:40:47 PM

Quant Time: Dec 18 11:06:36 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 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	109871	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	512871	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	391192	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	895565	20.00	ng	0.00
76) Chrysene-d12	21.63	240	750500	20.00	ng	0.00
87) Perylene-d12	24.79	264	858018	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	765701	132.05	ng	0.00
7) Phenol-d6	7.17	99	1146257	137.06	ng	0.01
23) Nitrobenzene-d5	9.16	82	648886	71.04	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	467180	125.27	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1526845	68.56	ng	0.00
79) Terphenyl-d14	19.98	244	2334716	74.84	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.48	88	101909	37.950	ng	99
3) Pyridine	3.87	79	262229	35.339	ng	98
4) n-Nitrosodimethylamine	3.79	42	145484	40.891	ng	99
6) Aniline	7.32	93	255836	23.120	ng	96
8) 2-Chlorophenol	7.57	128	349000	51.645	ng	97
9) Benzaldehyde	7.14	77	114645	21.184	ng	94
10) Phenol	7.19	94	484885	56.160	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	319272	43.579	ng	99
12) 1,3-Dichlorobenzene	7.89	146	340126	42.000	ng	99
13) 1,4-Dichlorobenzene	8.04	146	344834	42.600	ng	99
14) 1,2-Dichlorobenzene	8.36	146	329024	42.187	ng	97
15) Benzyl Alcohol	8.23	79	324936	48.824	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	487526	41.521	ng	98
17) 2-Methylphenol	8.45	107	319071	51.770	ng	99
18) Hexachloroethane	9.09	117	124779	42.421	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	274250	42.895	ng	98
20) 3+4-Methylphenols	8.77	107	455319	53.055	ng	98
22) Acetophenone	8.82	105	511944	40.025	ng	# 99
24) Nitrobenzene	9.20	77	393227	42.263	ng	98
25) Isophorone	9.73	82	765524	41.963	ng	100
26) 2-Nitrophenol	9.91	139	192434	52.045	ng	97
27) 2,4-Dimethylphenol	9.98	122	335993	52.120	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	480803	41.175	ng	99
29) 2,4-Dichlorophenol	10.45	162	397483	50.210	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	372778	39.779	ng	99
31) Naphthalene	10.85	128	1057346	42.965	ng	100
32) Benzoic acid	10.11	122	235976	50.964	ng	97
33) 4-Chloroaniline	10.95	127	147443	12.357	ng	96
34) Hexachlorobutadiene	11.15	225	213702	37.636	ng	97
35) Caprolactam	11.72	113	156318m	50.314	ng	
36) 4-Chloro-3-methylphenol	12.08	107	442926	51.971	ng	98
37) 2-Methylnaphthalene	12.46	142	840215	44.050	ng	99
38) 1-Methylnaphthalene	12.68	142	802838	44.263	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	445404	37.891	ng	99

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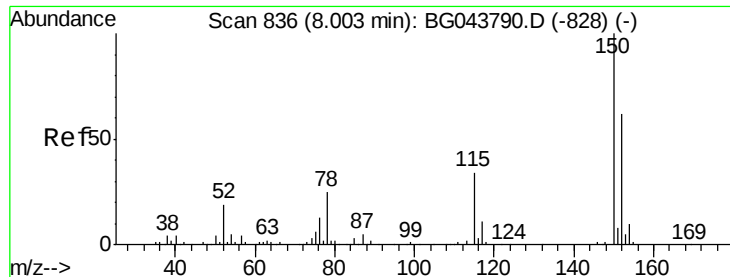
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	498939	90.430	nq	100
43) 2,4,6-Trichlorophenol	13.06	196	352614	47.195	nq	95
44) 2,4,5-Trichlorophenol	13.13	196	383434	48.985	nq	98
46) 1,1'-Biphenyl	13.46	154	1113654	41.294	nq	99
47) 2-Chloronaphthalene	13.50	162	888445	40.297	nq	98
48) 2-Nitroaniline	13.70	65	294505	45.293	nq	95
49) Acenaphthylene	14.35	152	1440819	43.870	nq	98
50) Dimethylphthalate	14.09	163	1287199	46.101	nq	99
51) 2,6-Dinitrotoluene	14.19	165	287648	47.805	nq	98
52) Acenaphthene	14.69	154	1030111	47.677	nq	97
53) 3-Nitroaniline	14.52	138	145393	21.115	nq	96
54) 2,4-Dinitrophenol	14.73	184	286380	103.645	nq	90
55) Dibenzofuran	15.03	168	1396252	43.657	nq	98
56) 4-Nitrophenol	14.84	139	509001	101.325	nq	97
57) 2,4-Dinitrotoluene	14.98	165	394289	48.496	nq	94
58) Fluorene	15.68	166	1141243	44.270	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	349903m	49.821	nq	
60) Diethylphthalate	15.45	149	1198141	42.960	nq	100
61) 4-Chlorophenyl-phenylether	15.67	204	615016	42.599	nq	99
62) 4-Nitroaniline	15.68	138	303977	42.607	nq	96
63) Azobenzene	15.96	77	1124803	43.900	nq	100
65) 4,6-Dinitro-2-methylphenol	15.75	198	205667	57.243	nq	98
66) n-Nitrosodiphenylamine	15.88	169	1083402	43.526	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	403756	42.169	nq	98
68) Hexachlorobenzene	16.68	284	414655	40.832	nq	99
69) Atrazine	16.83	200	370972	46.750	nq	99
70) Pentachlorophenol	17.02	266	529924	98.100	nq	98
71) Phenanthrene	17.41	178	1819828	42.924	nq	100
72) Anthracene	17.51	178	1860252	44.326	nq	98
73) Carbazole	17.77	167	1708711	43.556	nq	98
74) Di-n-butylphthalate	18.34	149	1939406	43.123	nq	99
75) Fluoranthene	19.42	202	2087862	43.028	nq	98
77) Benzidine	19.60	184	399350	24.391	nq	99
78) Pyrene	19.78	202	2107662	42.973	nq	97
80) Butylbenzylphthalate	20.68	149	944559	46.241	nq	96
81) Benzo(a)anthracene	21.61	228	2017610	42.595	nq	98
82) 3,3'-Dichlorobenzidine	21.52	252	477848	27.309	nq	99
83) Chrysene	21.68	228	1951481	43.243	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	1304653	44.528	nq	98
85) Di-n-octyl phthalate	22.74	149	2226539	46.484	nq	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	2411278	41.746	nq	# 94
88) Benzo(b)fluoranthene	23.79	252	2080576	42.116	nq	99
89) Benzo(k)fluoranthene	23.86	252	2094821	43.896	nq	98
90) Benzo(a)pyrene	24.64	252	2081822	44.220	nq	98
91) Dibenzo(a,h)anthracene	28.44	278	1961420	41.711	nq	99
92) Benzo(g,h,i)perylene	29.49	276	1865858	40.209	nq	100

(#) = 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

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

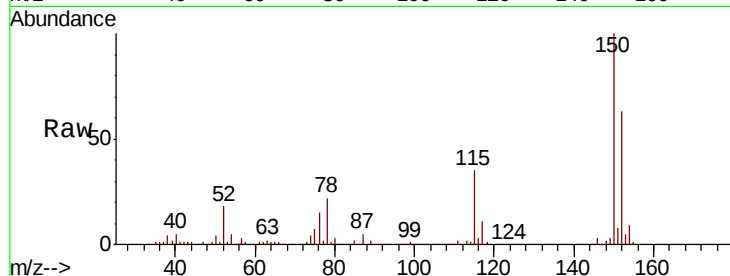
ClientSampled :

TP-1MS

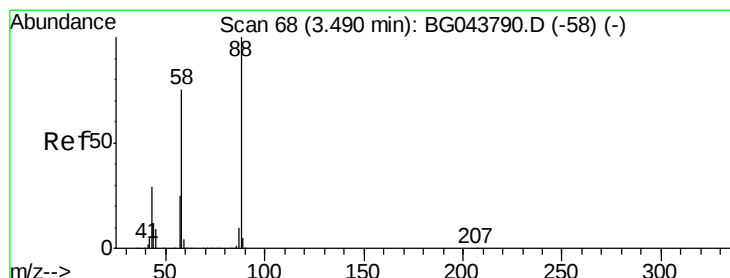
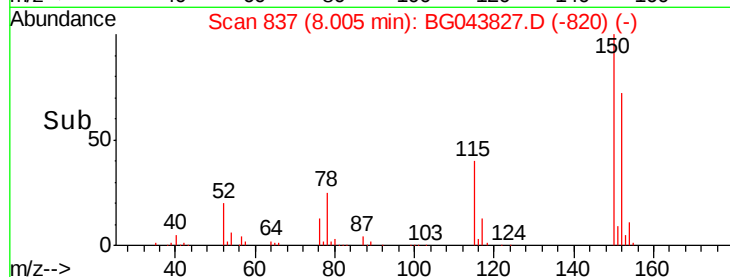
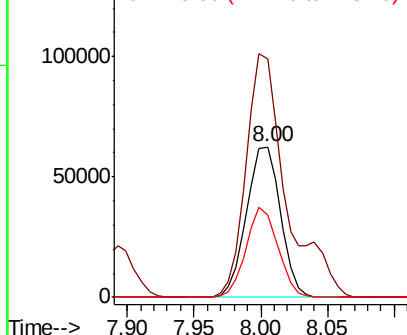
Tot Ion:	152	Resp:	109871
Ion Ratio	Lower	Upper	
152	100		
150	158.8	128.6	192.8
115	55.2	44.3	66.5

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.950 ng

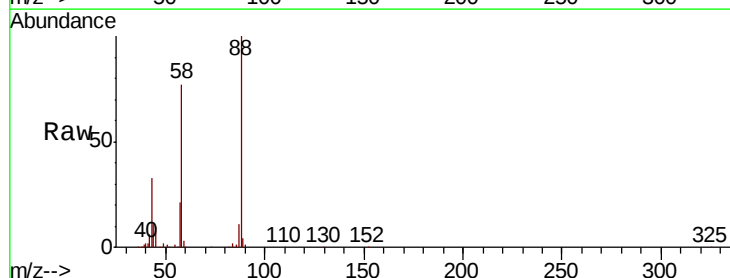
RT: 3.48 min Scan# 67

Delta R.T. -0.01 min

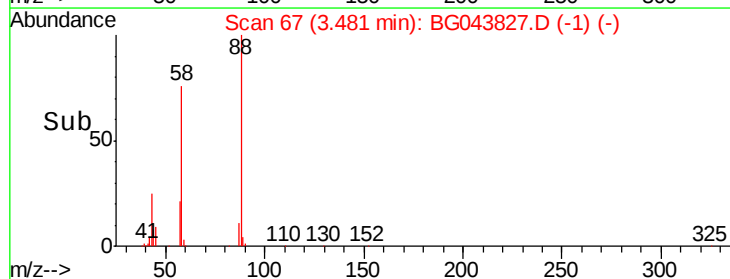
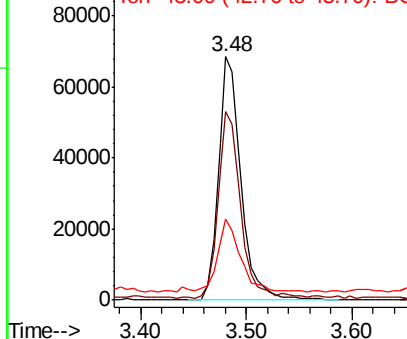
Lab File: BG043827.D

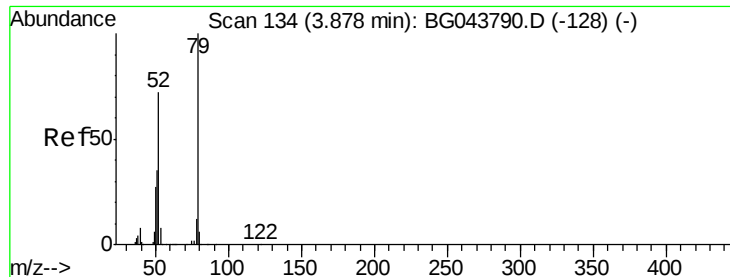
Acq: 17 Dec 2019 19:59

Tgt Ion:	88	Resp:	101909
Ion Ratio	Lower	Upper	
88	100		
58	76.8	62.2	93.4
43	29.9	24.3	36.5



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.339 ng

RT: 3.87 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

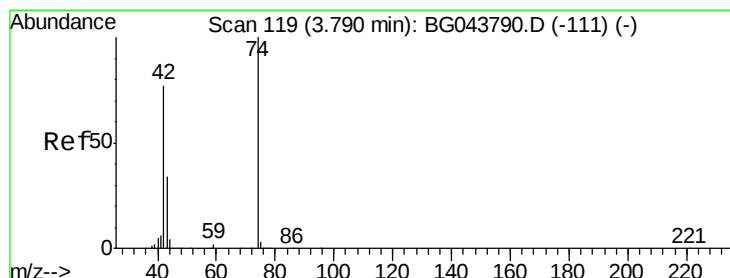
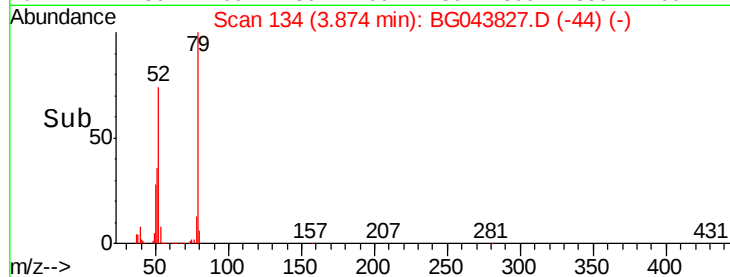
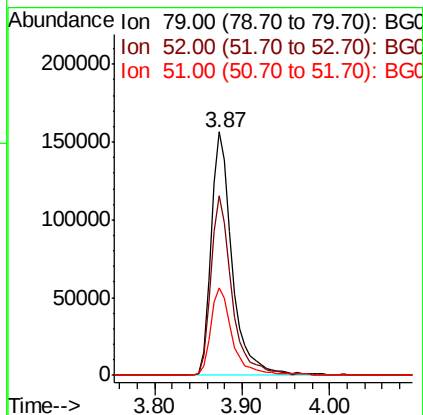
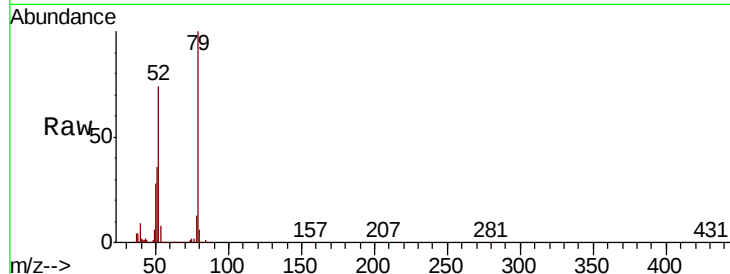
ClientSampleId :

TP-1MS

Tot Ion:	79	Resp:	262229
Ion	Ratio	Lower	Upper
79	100		
52	73.9	57.6	86.4
51	36.1	27.8	41.8

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#4

n-Nitrosodimethylamine

Concen: 40.891 ng

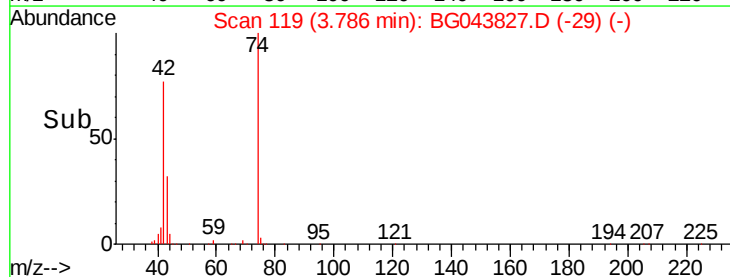
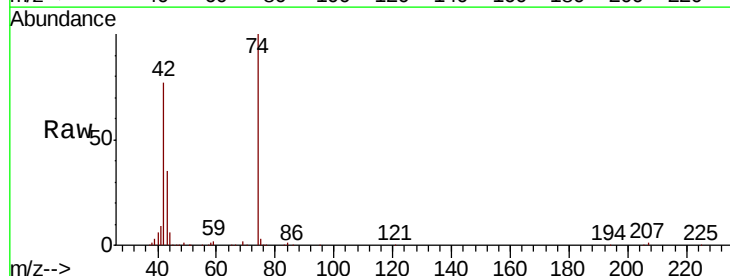
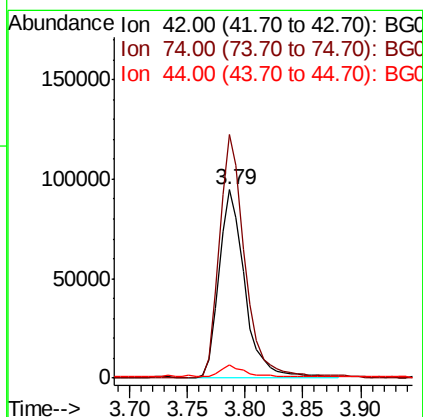
RT: 3.79 min Scan# 119

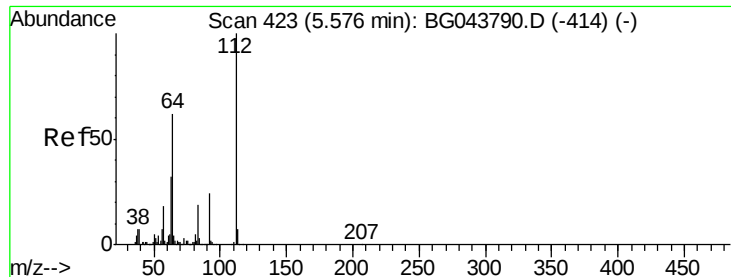
Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion:	42	Resp:	145484
Ion	Ratio	Lower	Upper
42	100		
74	129.1	104.2	156.4
44	7.2	5.6	8.4





#5

2-Fluorophenol

Concen: 132.045 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.01 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

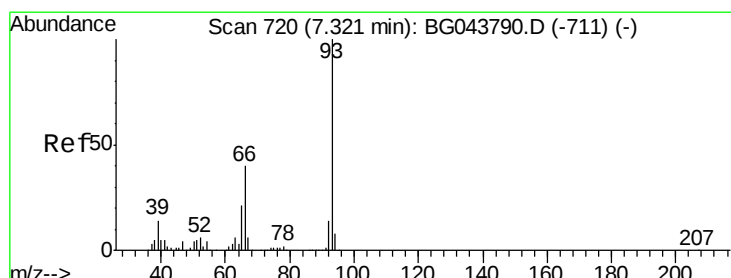
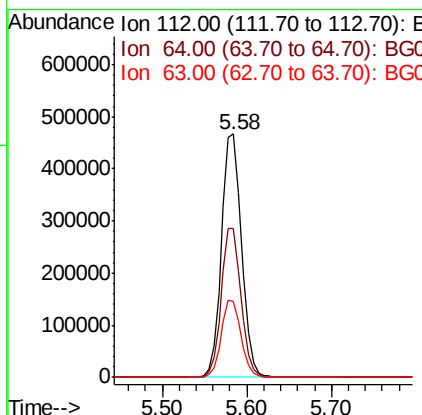
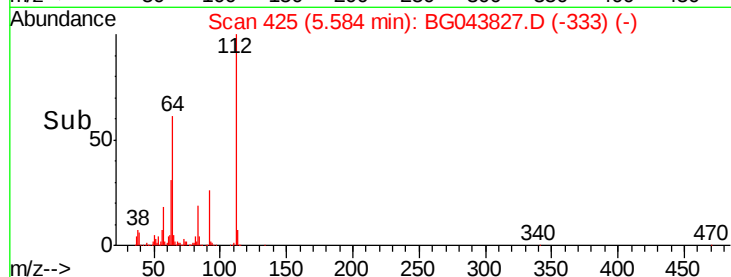
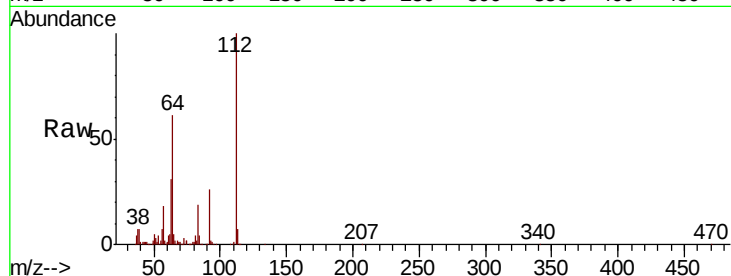
ClientSampleId :

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Tot Ion:	112	Resp:	765701
Ion Ratio	Lower	Upper	
112	100		
64	61.3	49.9	74.9
63	31.1	26.0	39.0

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#6

Aniline

Concen: 23.120 ng

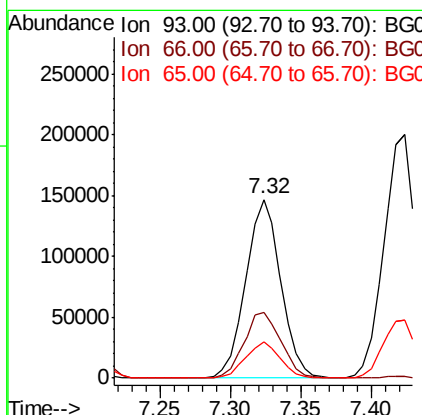
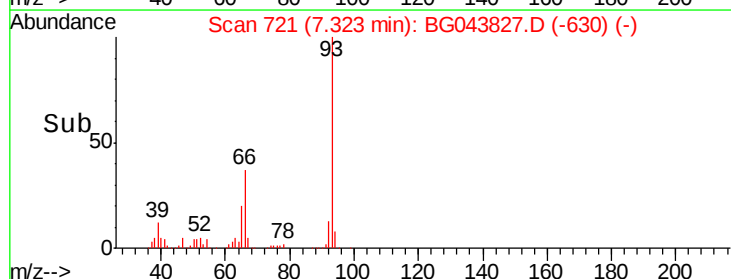
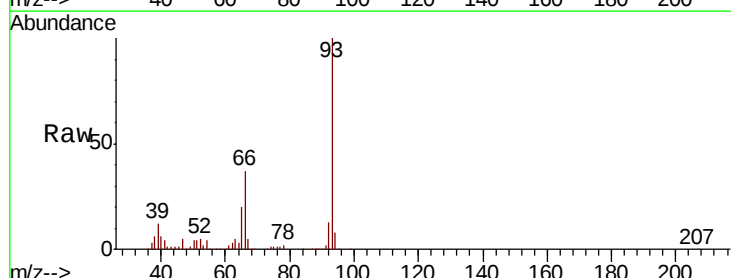
RT: 7.32 min Scan# 721

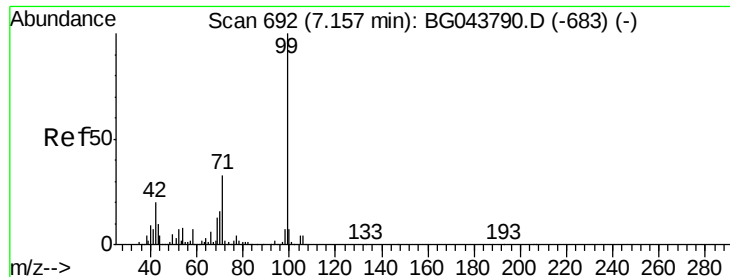
Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion:	93	Resp:	255836
Ion Ratio	Lower	Upper	
93	100		
66	37.0	31.9	47.9
65	20.4	16.8	25.2





#7

Phenol-d6

Concen: 137.064 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tot Ion: 99 Resp: 1146257

Ion Ratio Lower Upper

99 100

42 19.0 16.2 24.2

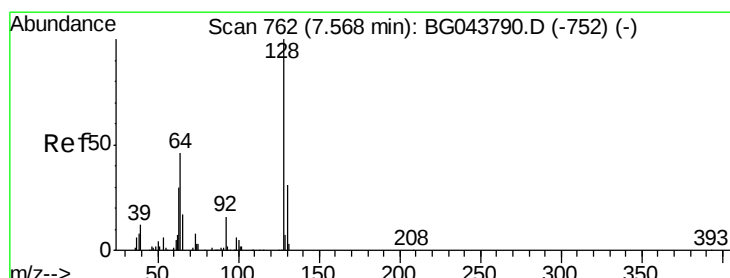
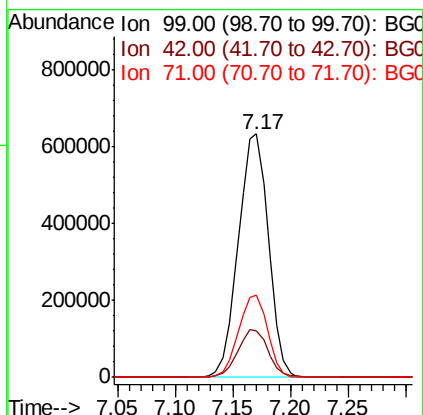
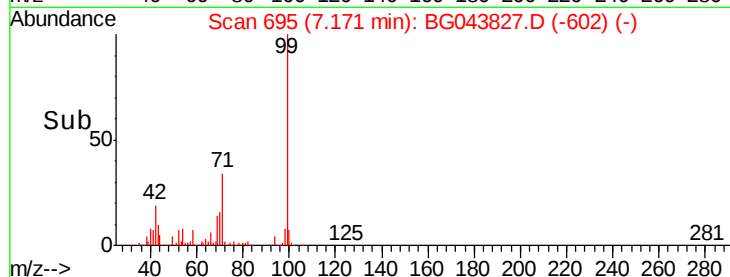
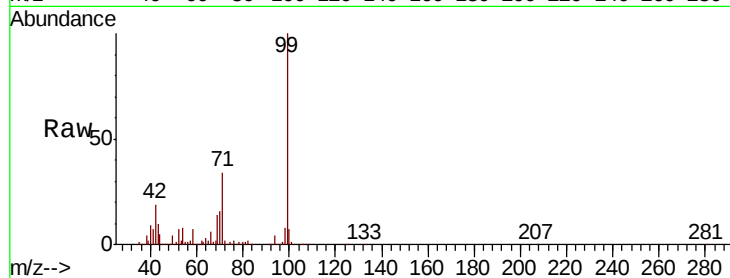
71 33.8 26.6 40.0

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#8

2-Chlorophenol

Concen: 51.645 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

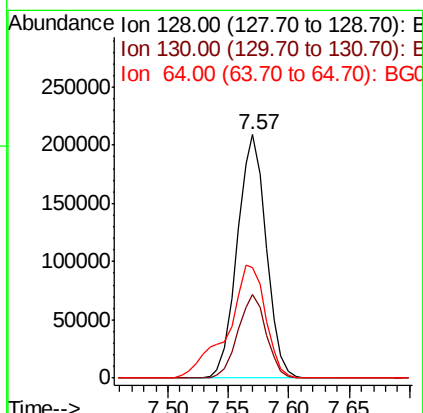
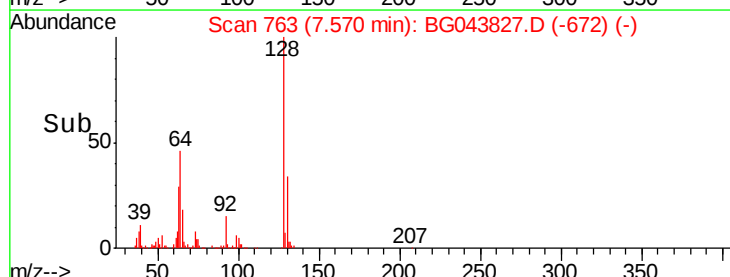
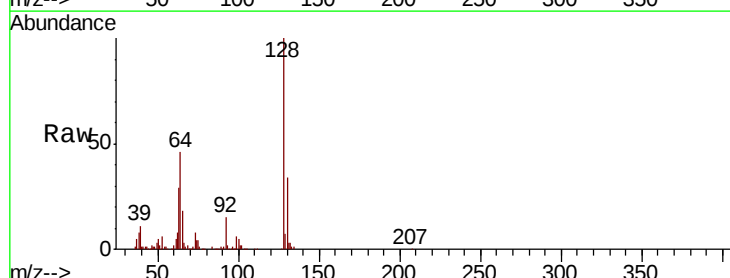
Tgt Ion:128 Resp: 349000

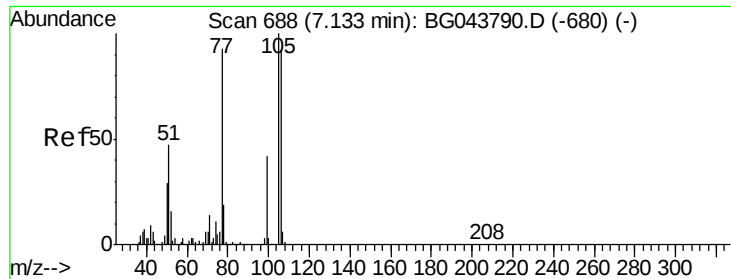
Ion Ratio Lower Upper

128 100

130 34.2 11.1 51.1

64 45.6 26.5 66.5





#9

Benzaldehyde

Concen: 21.184 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

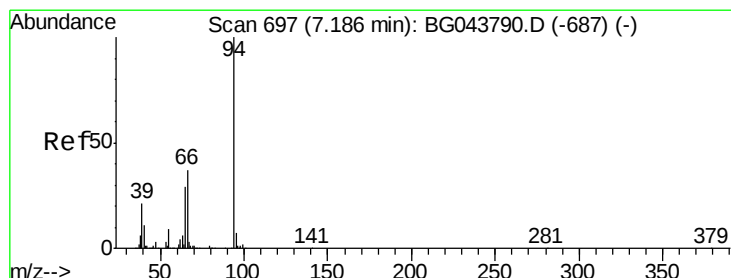
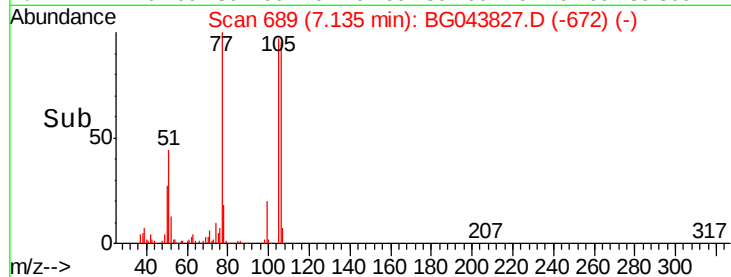
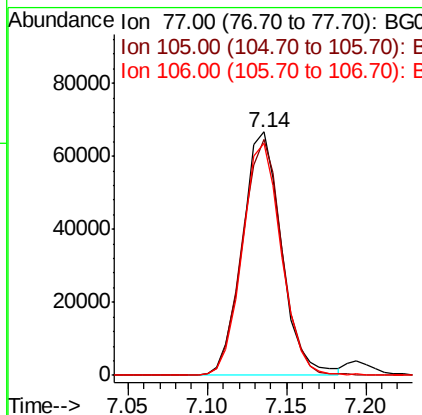
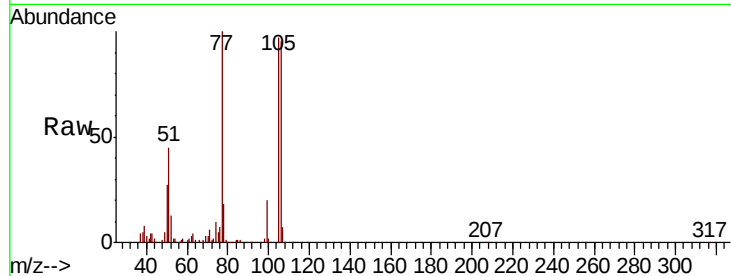
ClientSampled :

TP-1MS

Tot Ion:	77	Resp:	114645
Ion Ratio	Lower	Upper	
77	100		
105	97.1	87.1	127.1
106	95.2	78.2	118.2

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#10

Phenol

Concen: 56.160 ng

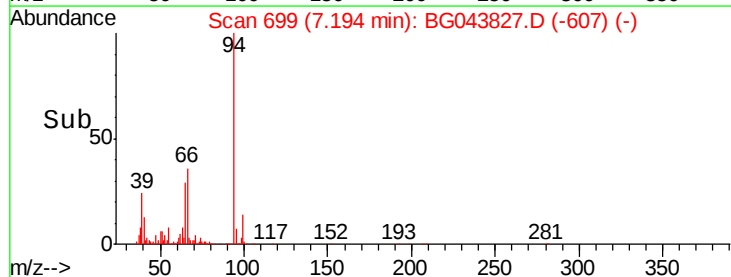
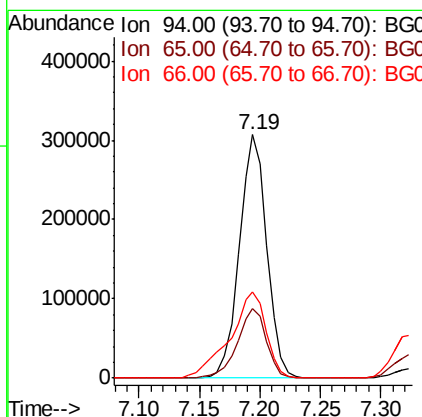
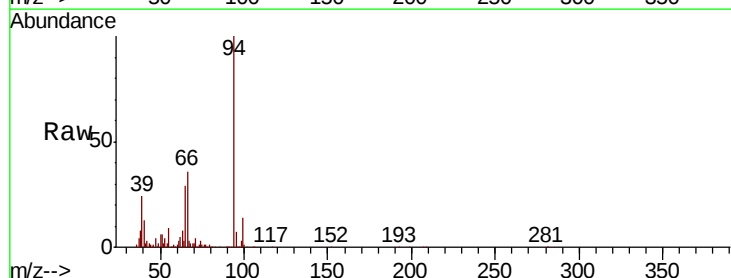
RT: 7.19 min Scan# 699

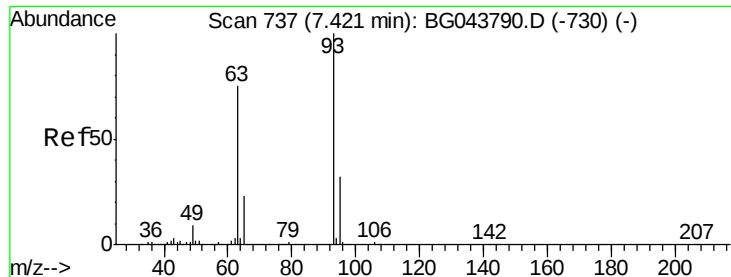
Delta R.T. 0.01 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion:	94	Resp:	484885
Ion Ratio	Lower	Upper	
94	100		
65	28.7	9.5	49.5
66	35.5	16.8	56.8





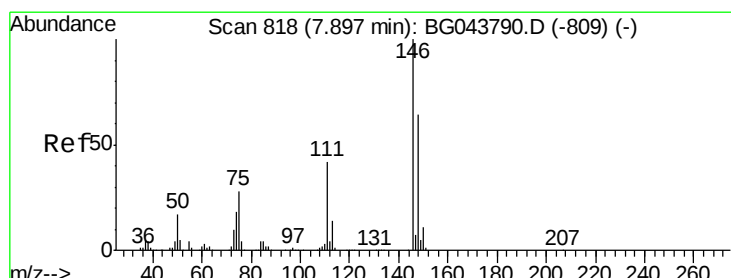
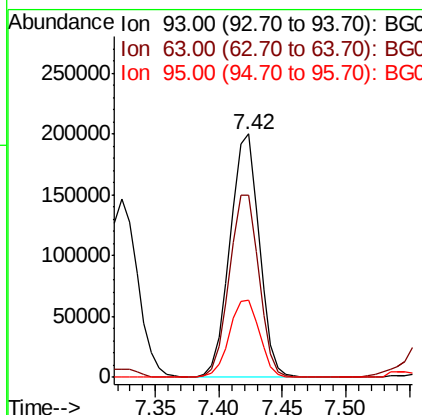
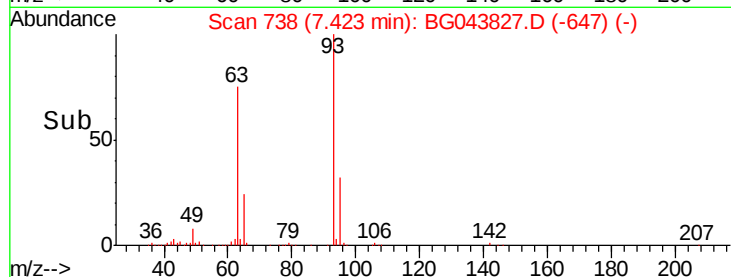
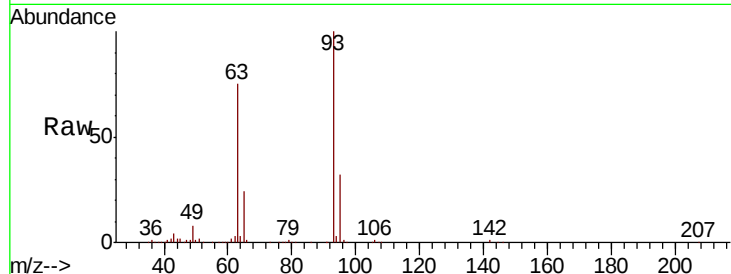
#11
bis(2-Chloroethyl)ether
Concen: 43.579 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	319272		
63	74.9		54.7	94.7
95	31.9		11.3	51.3

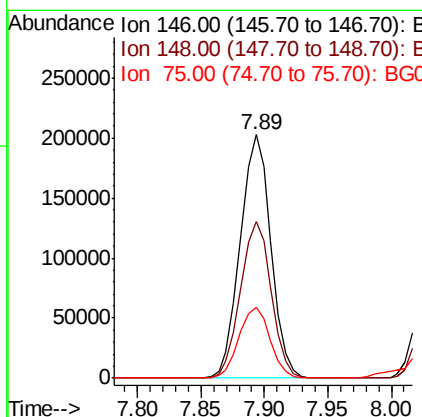
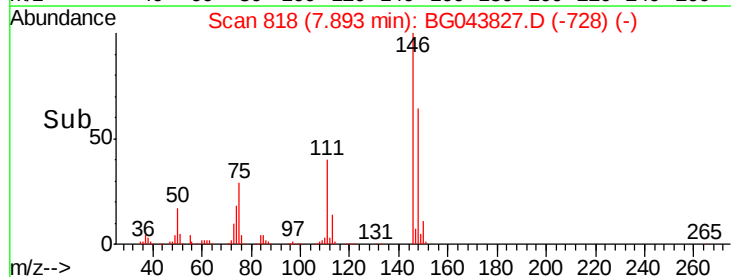
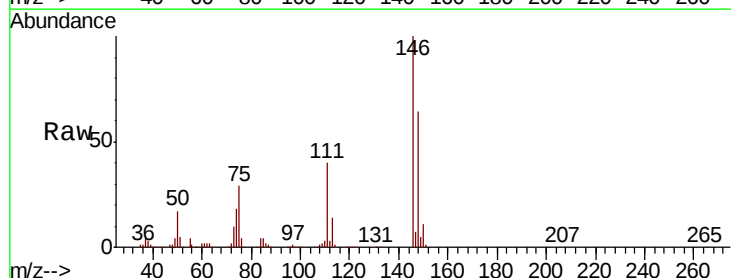
Manual Integrations
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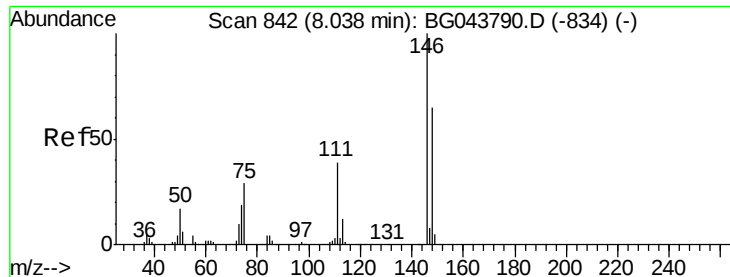
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	340126		
148	64.3		51.4	77.2
75	29.3		22.4	33.6





#13

1,4-Dichlorobenzene

Concen: 42.600 ng

RT: 8.04 min Scan# 843

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

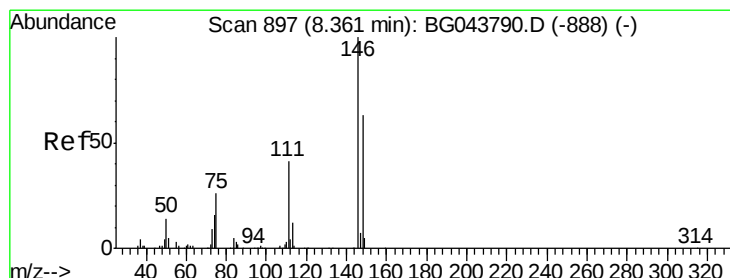
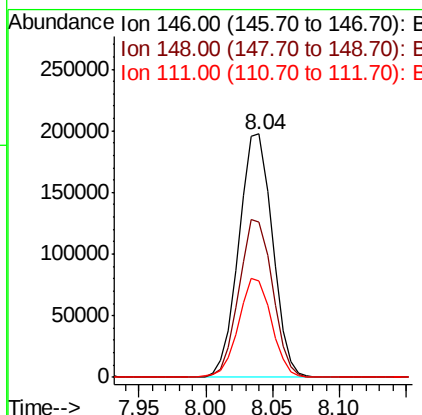
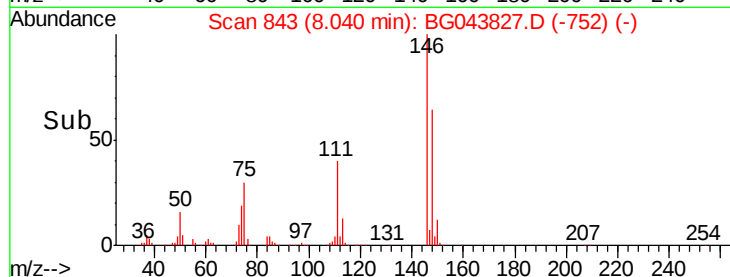
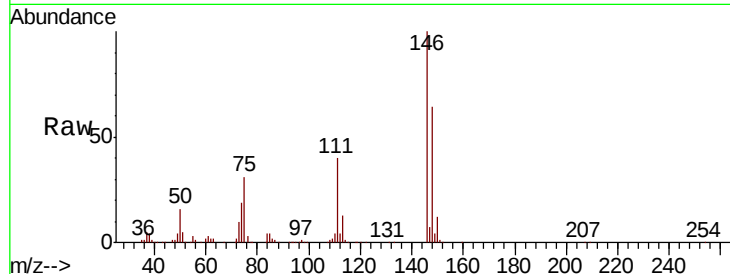
ClientSampleId :

TP-1MS

Tot Ion:	146	Resp:	344834
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.8
111	39.6	31.4	47.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.187 ng

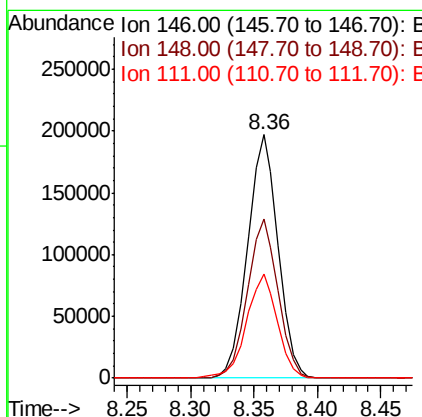
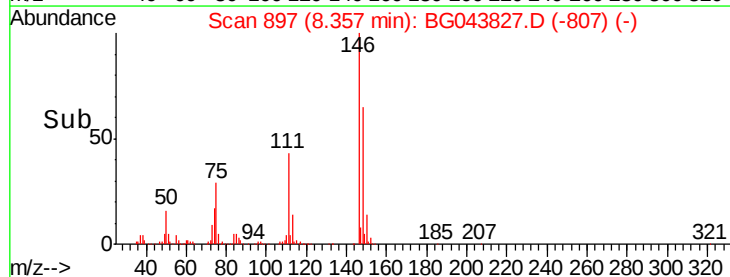
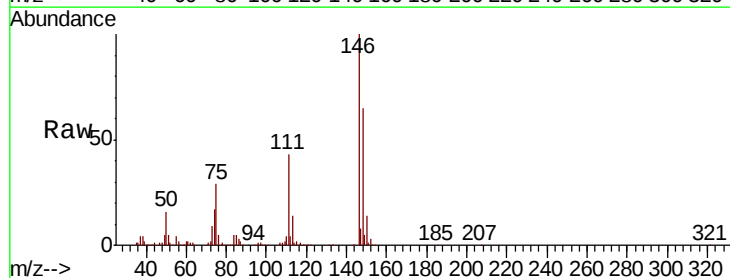
RT: 8.36 min Scan# 897

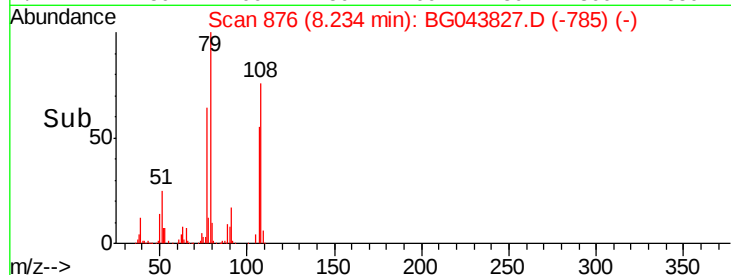
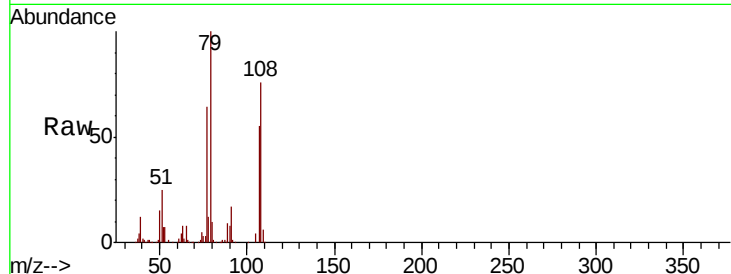
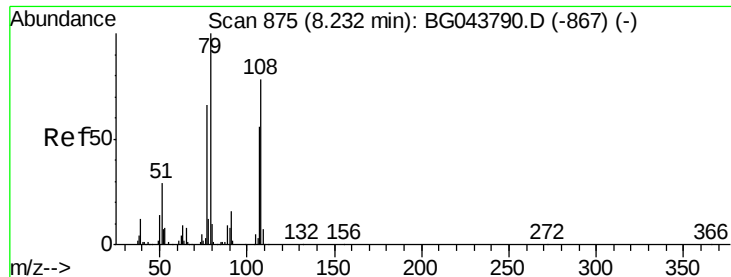
Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion:	146	Resp:	329024
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.2	75.2
111	42.8	33.4	50.2





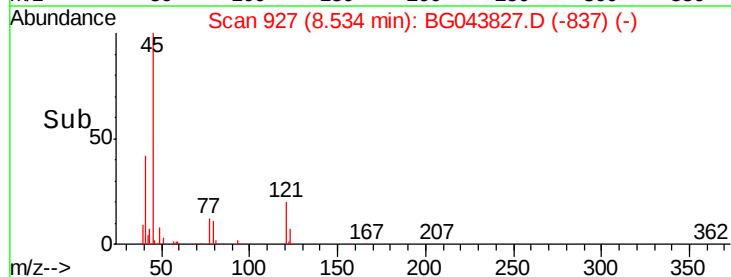
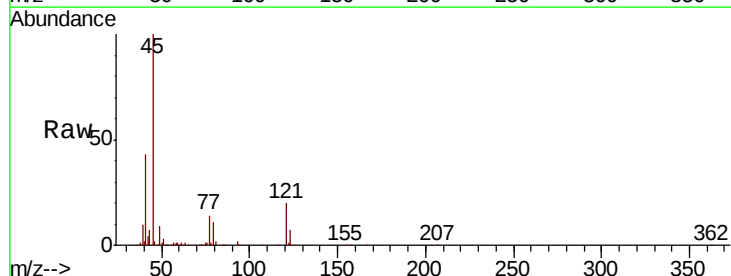
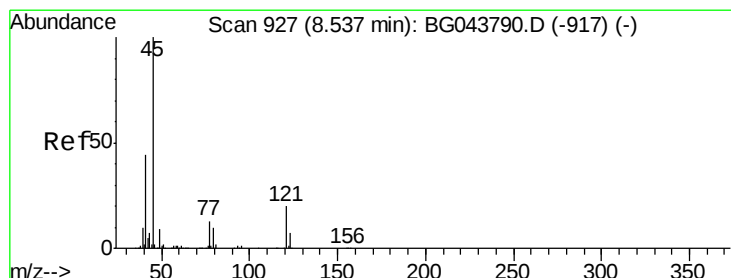
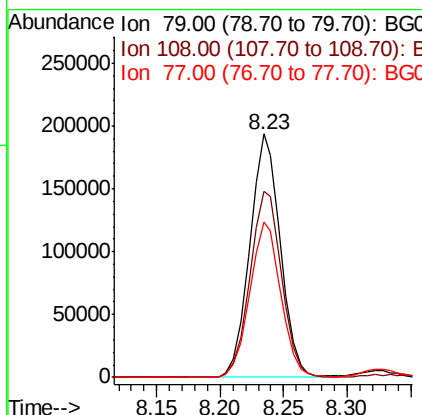
#15
Benzyl Alcohol
Concen: 48.824 ng
RT: 8.23 min Scan# 876
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tot Ion:	79	Resp:	324936
Ion Ratio	Lower	Upper	
79	100		
108	76.4	62.2	93.2
77	64.0	52.8	79.2

Instrument :
BNA_G
ClientSampled :
TP-1MS

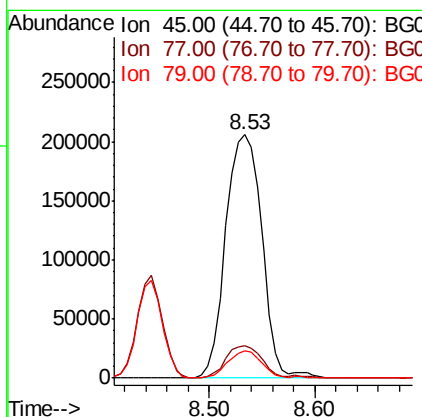
Manual Integrations
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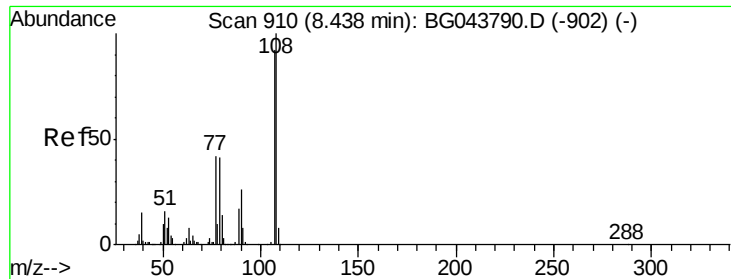
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.521 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion:	45	Resp:	487526
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	33.6
79	11.3	0.0	29.9





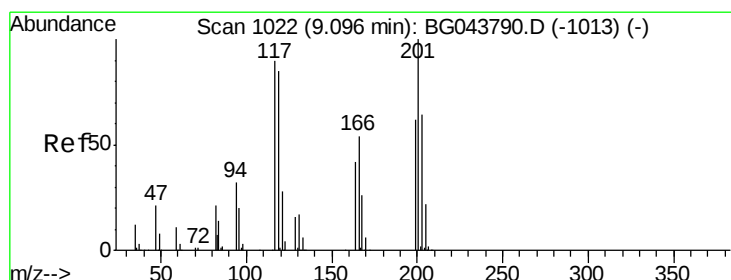
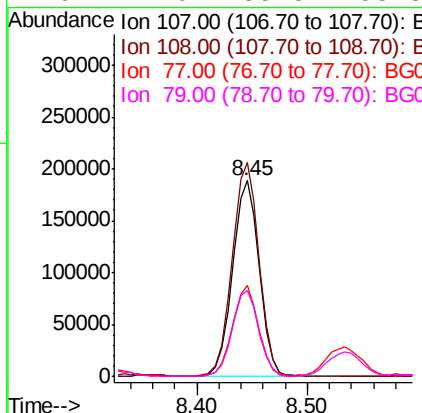
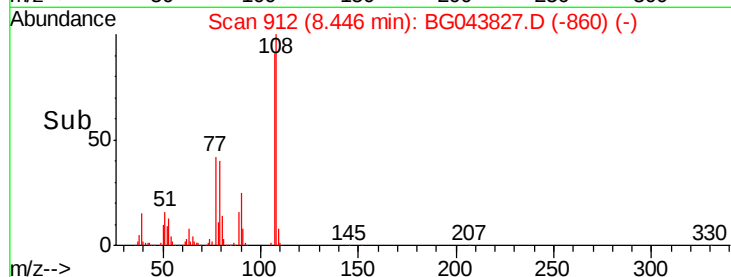
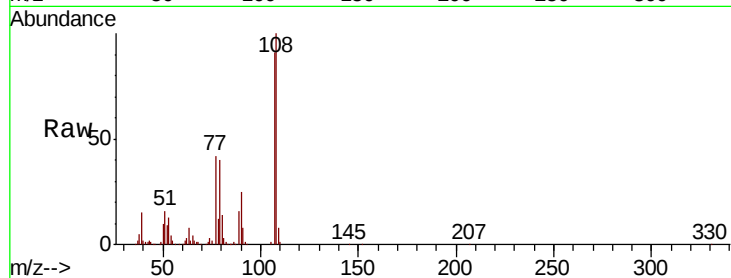
#17
2-Methylphenol
Concen: 51.770 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.3	87.2	130.8	
77	46.3	36.6	54.8	
79	44.0	35.5	53.3	

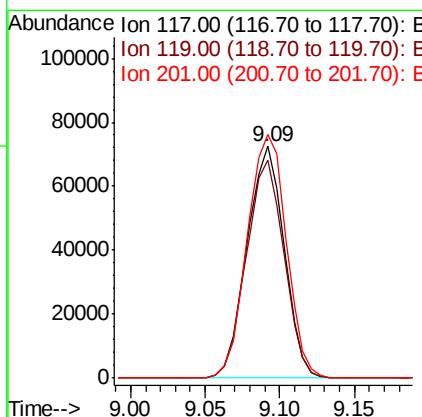
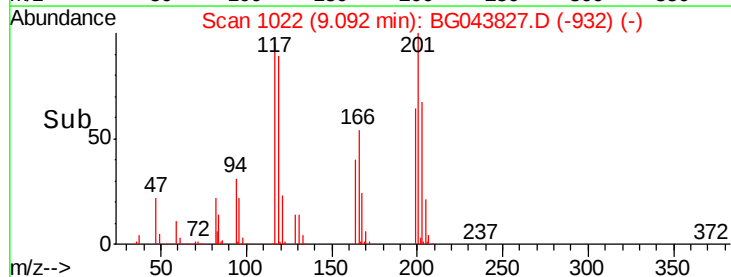
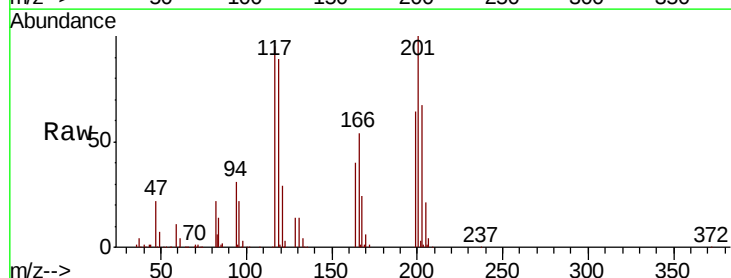
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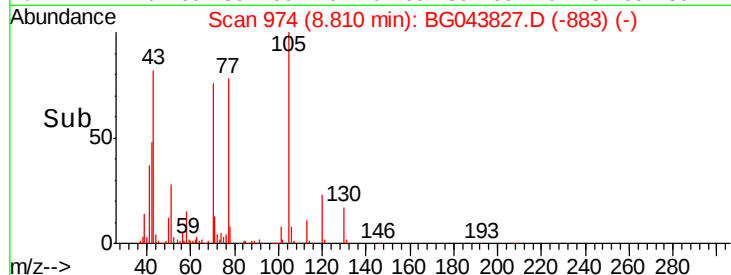
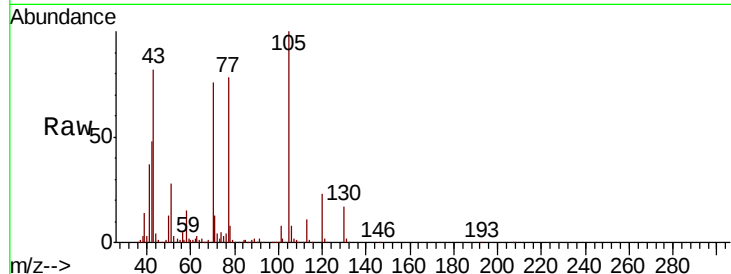
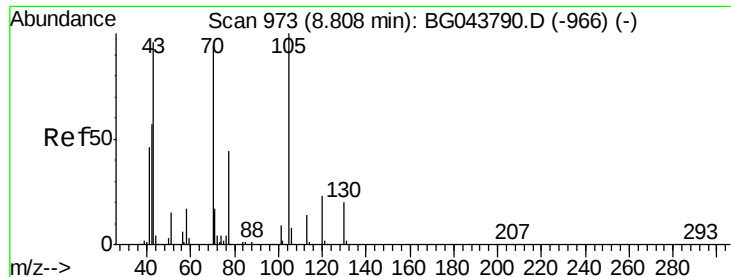
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#18
Hexachloroethane
Concen: 42.421 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	75.6	113.4	
201	105.0	88.6	133.0	





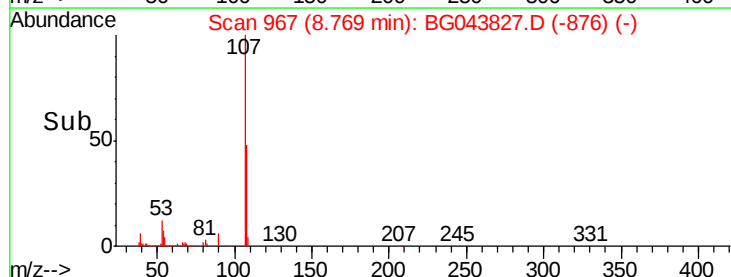
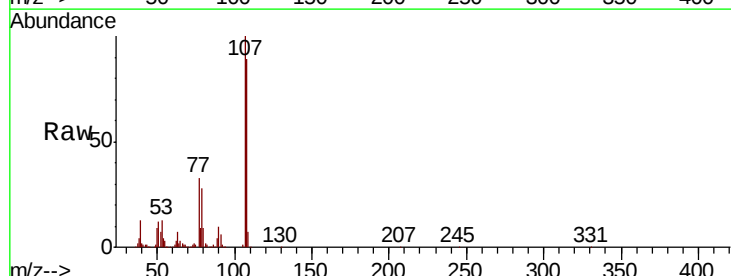
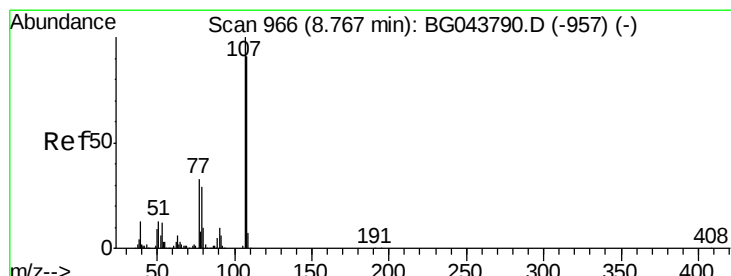
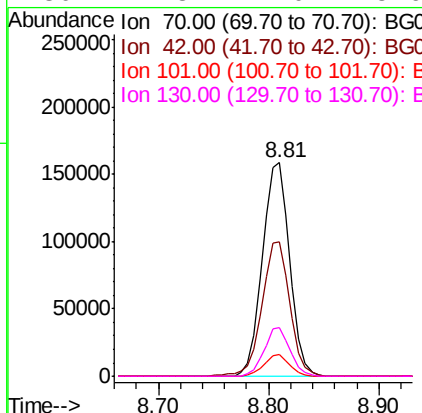
#19
n-Nitroso-di-n-propylamine
Concen: 42.895 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleID :
TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	62.9	49.2	73.8		
101	10.2	7.8	11.6		
130	22.8	17.0	25.6		

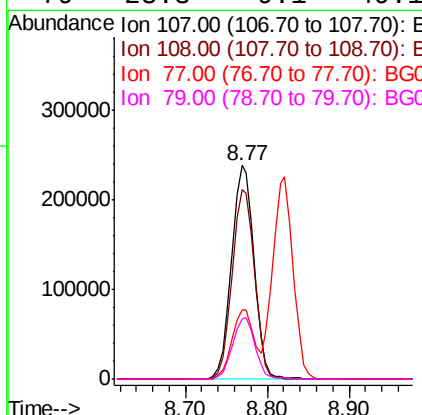
Manual Integrations
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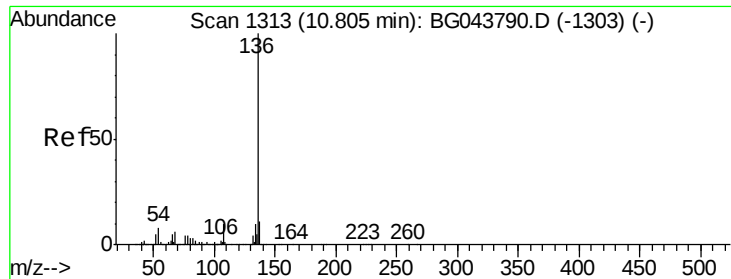
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#20
3+4-Methylphenols
Concen: 53.055 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.7	70.9	110.9		
77	32.7	12.7	52.7		
79	28.3	9.1	49.1		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

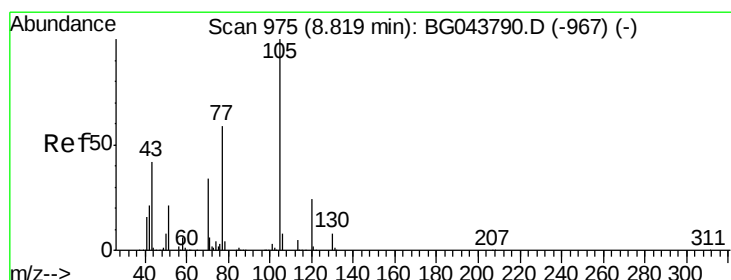
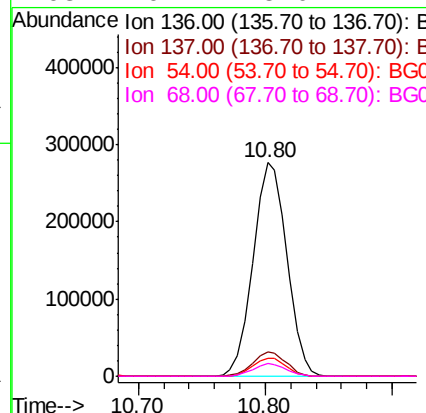
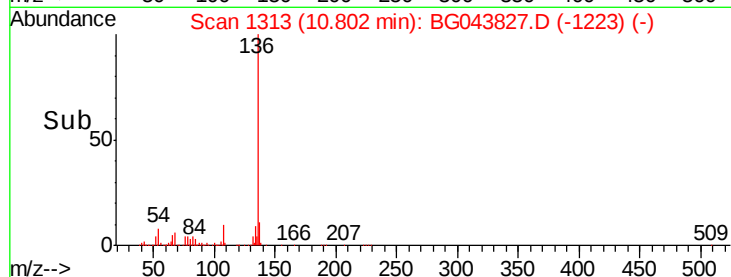
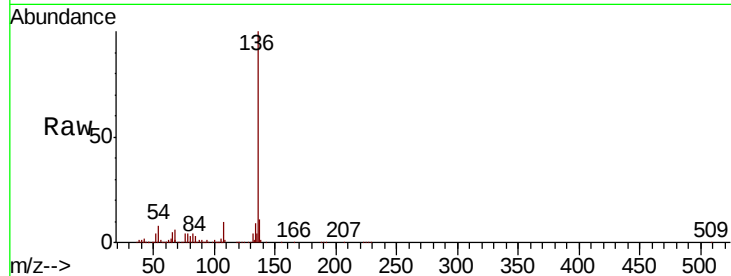
ClientSampleId :

TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	512871		
137	11.3	8.7	13.1	
54	8.1	6.8	10.2	
68	6.1	5.0	7.4	

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#22

Acetophenone

Concen: 40.025 ng

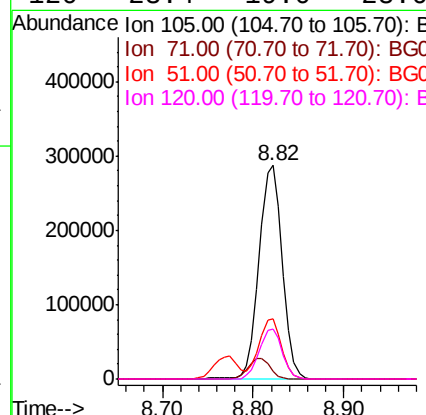
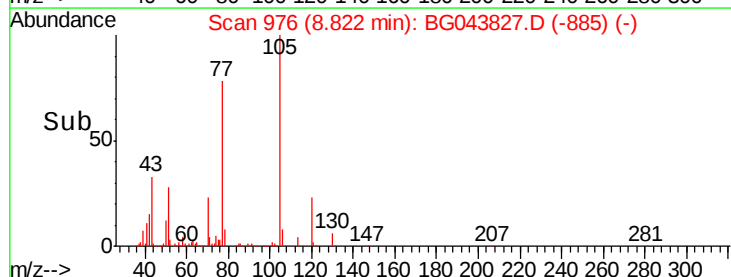
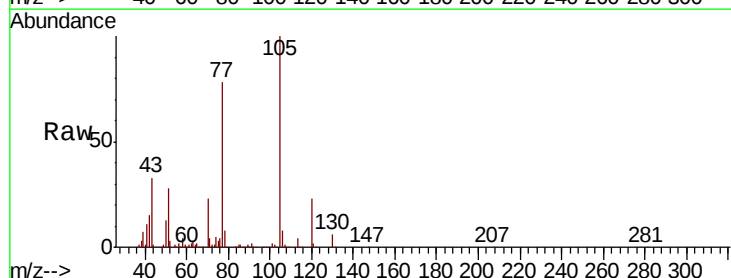
RT: 8.82 min Scan# 976

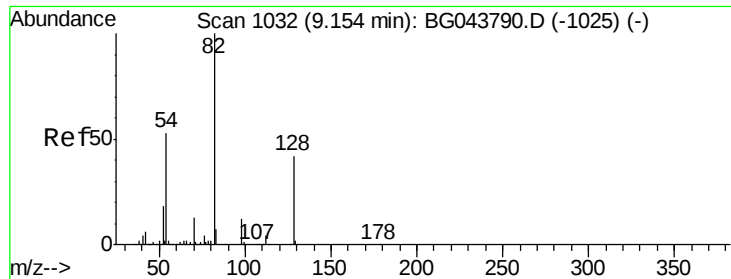
Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	511944		
71	3.5	4.9	7.3#	
51	28.2	22.2	33.4	
120	23.4	19.0	28.6	





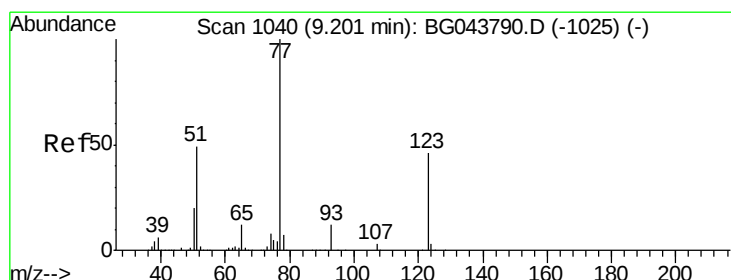
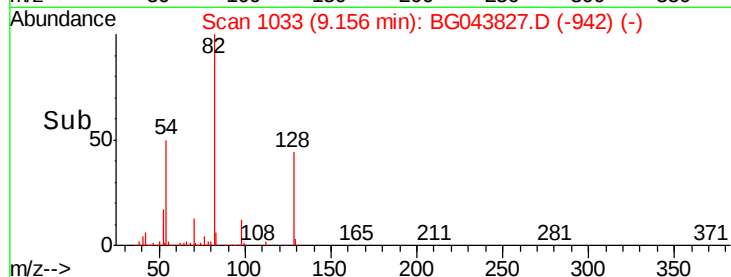
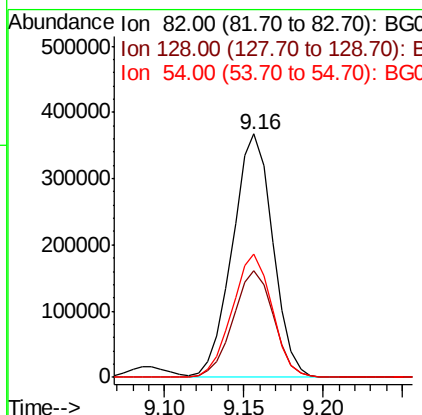
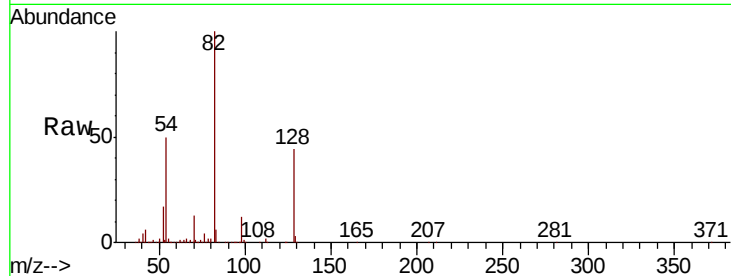
#23
Nitrobenzene-d5
Concen: 71.038 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampled :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	648886		
128	43.9		33.6	50.4
54	50.4		42.1	63.1

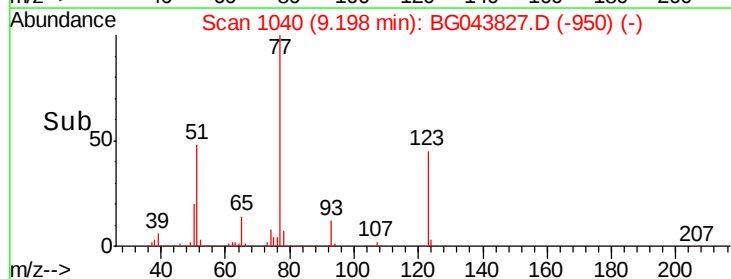
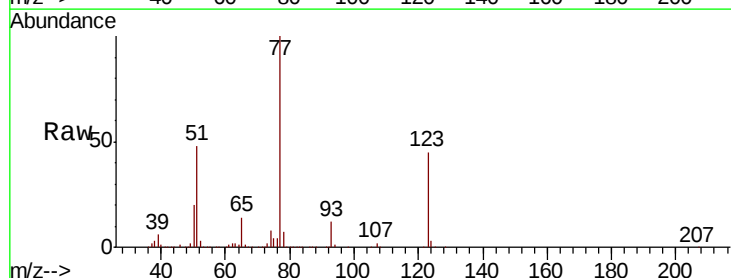
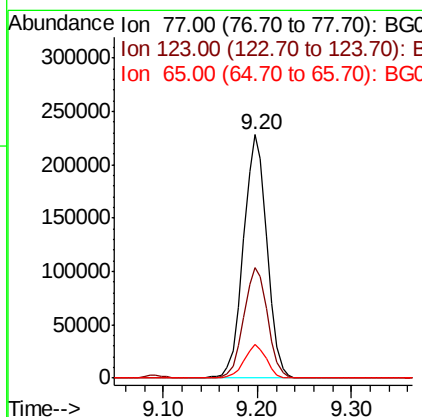
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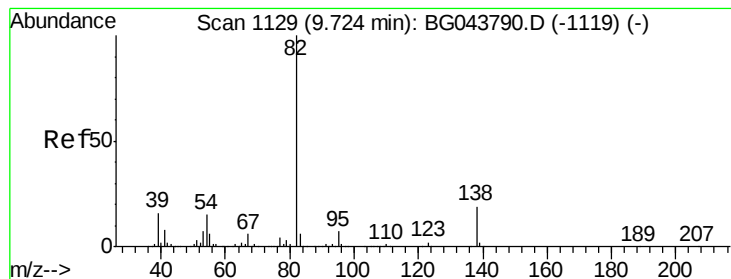
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#24
Nitrobenzene
Concen: 42.263 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	393227		
123	45.2		36.6	55.0
65	13.9		9.8	14.6





#25

Isophorone

Concen: 41.963 ng

RT: 9.73 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

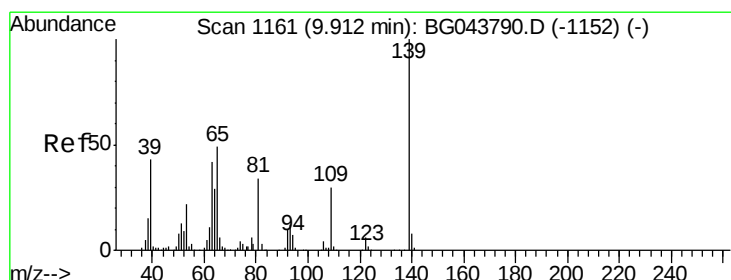
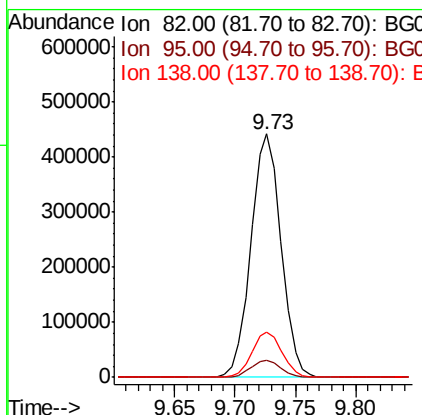
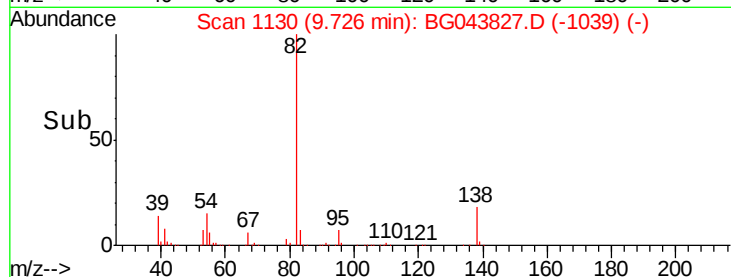
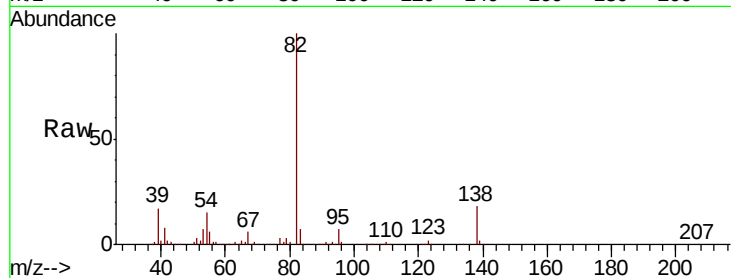
ClientSampleId :

TP-1MS

Tot Ion:	82	Resp:	765524
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.6	8.4
138	18.4	14.8	22.2

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#26

2-Nitrophenol

Concen: 52.045 ng

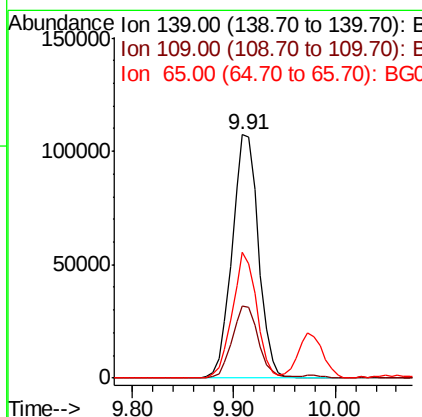
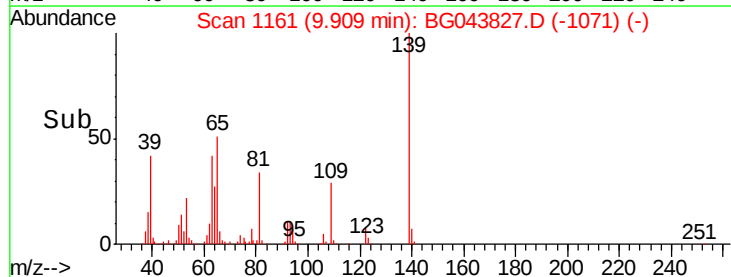
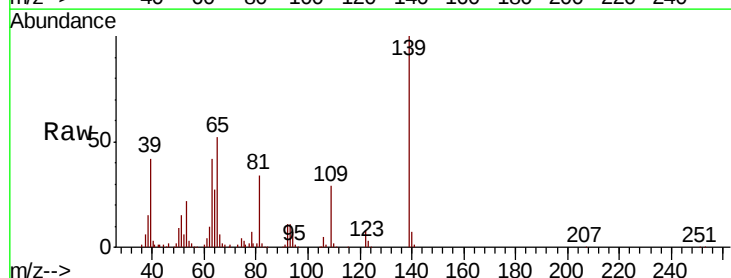
RT: 9.91 min Scan# 1161

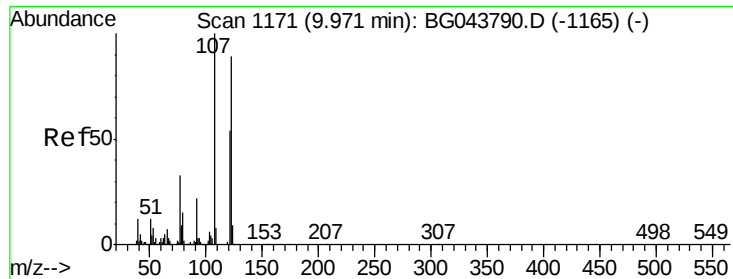
Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion:	139	Resp:	192434
Ion Ratio	Lower	Upper	
139	100		
109	29.5	23.9	35.9
65	51.5	39.3	58.9





#27

2,4-Dimethylphenol

Concen: 52.120 ng

RT: 9.98 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

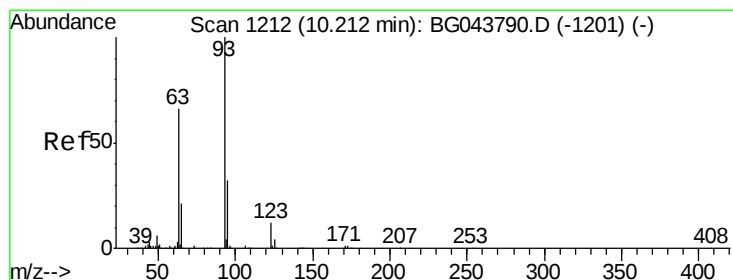
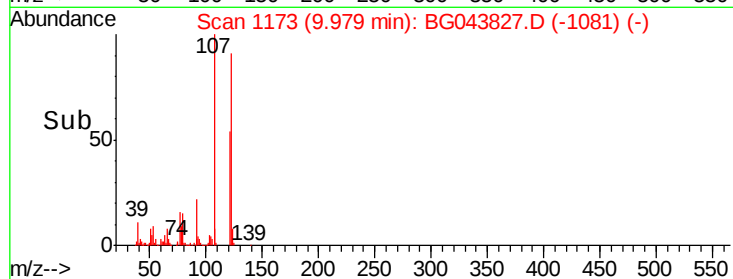
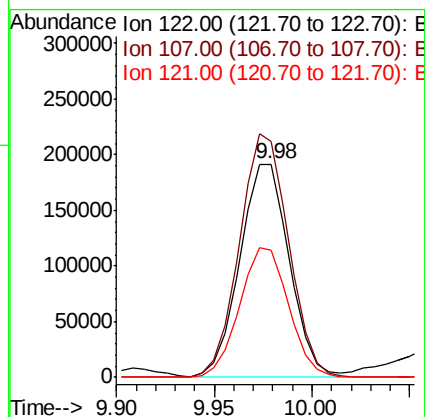
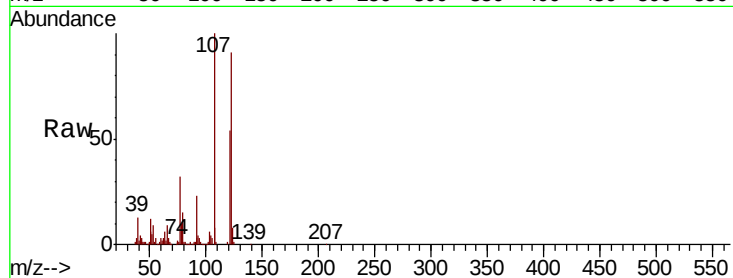
ClientSampled :

TP-1MS

Tot Ion:	122	Resp:	335993
Ion Ratio	Lower	Upper	
122	100		
107	110.3	90.0	135.0
121	59.5	48.6	73.0

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 41.175 ng

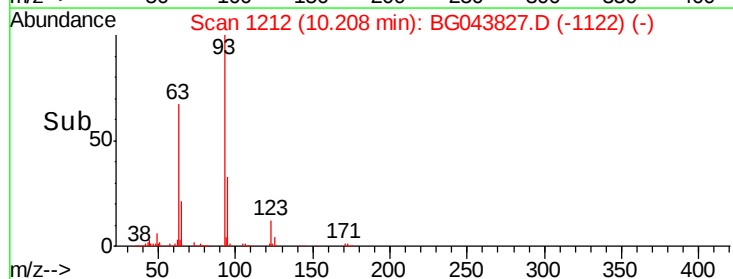
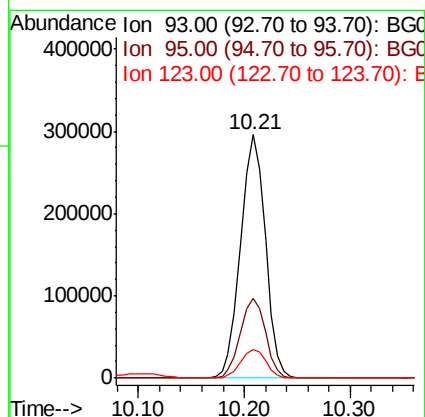
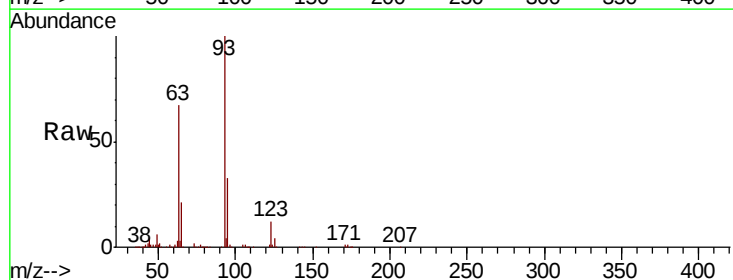
RT: 10.21 min Scan# 1212

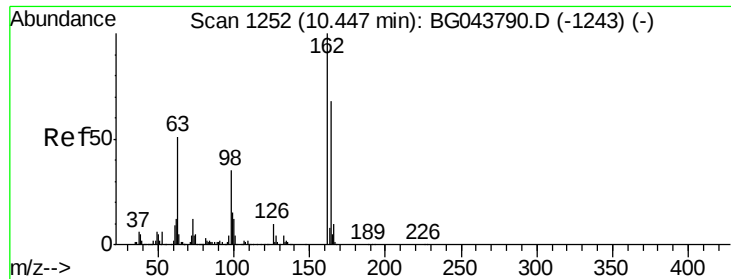
Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion:	93	Resp:	480803
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.7	38.5
123	11.7	9.5	14.3





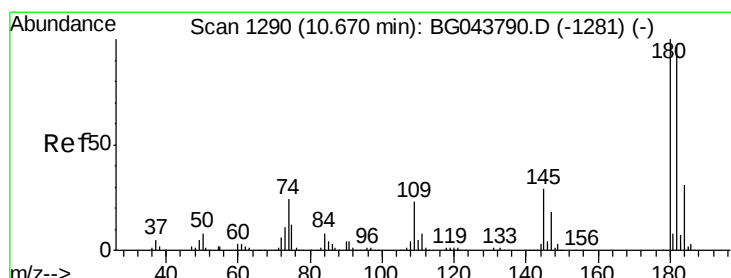
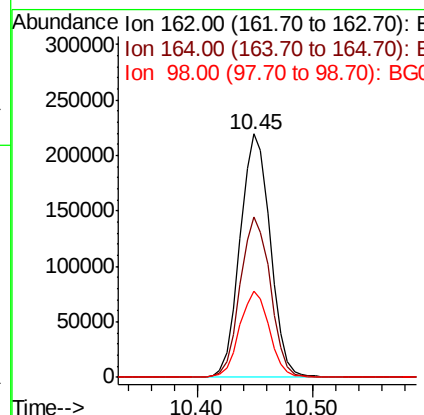
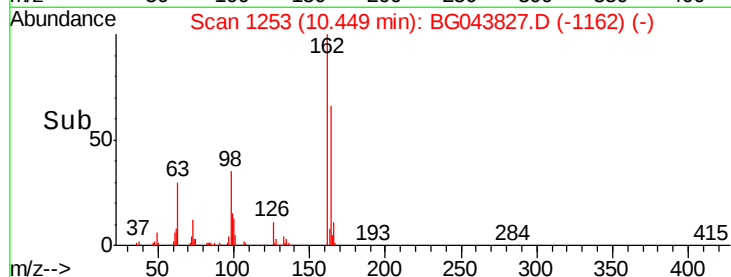
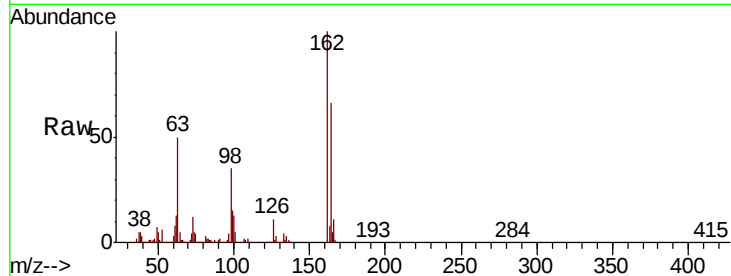
#29
2,4-Dichlorophenol
Concen: 50.210 ng
RT: 10.45 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	397483		
164	65.9	48.0	88.0	
98	35.2	14.9	54.9	

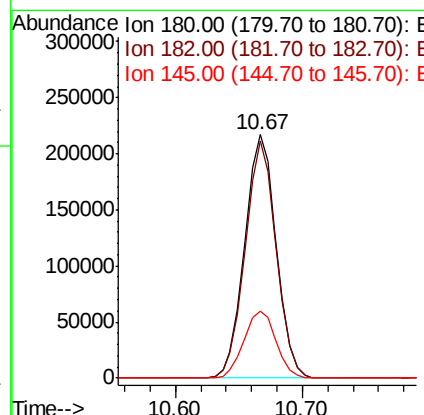
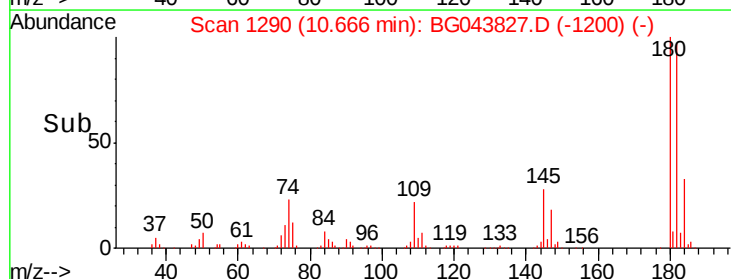
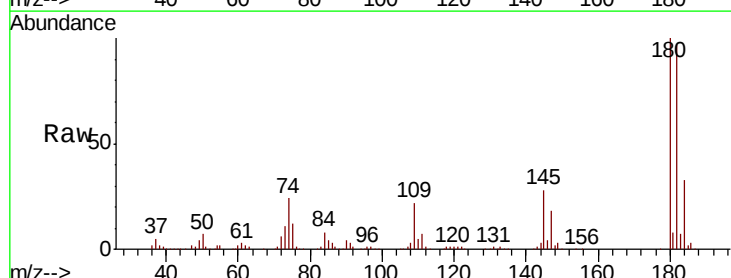
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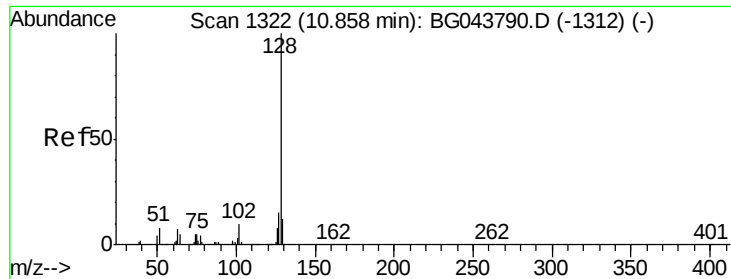
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.779 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	372778		
182	97.5	77.8	116.8	
145	27.7	23.0	34.6	





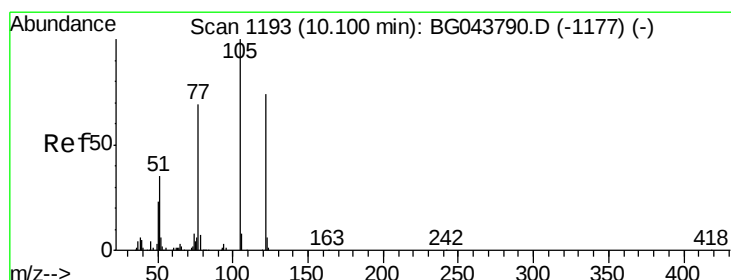
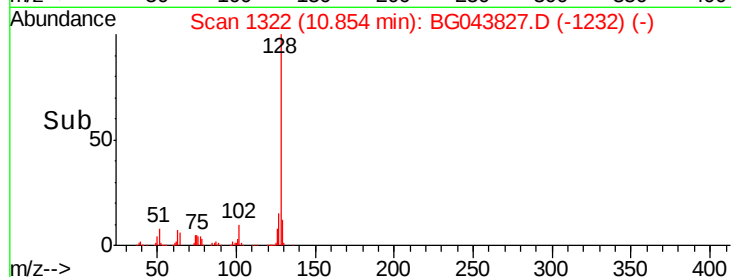
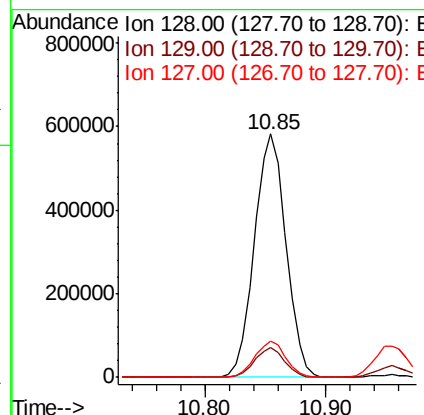
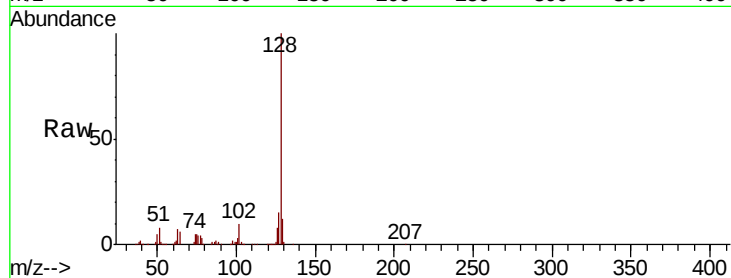
#31
Naphthalene
Concen: 42.965 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	14.6	11.9	17.9

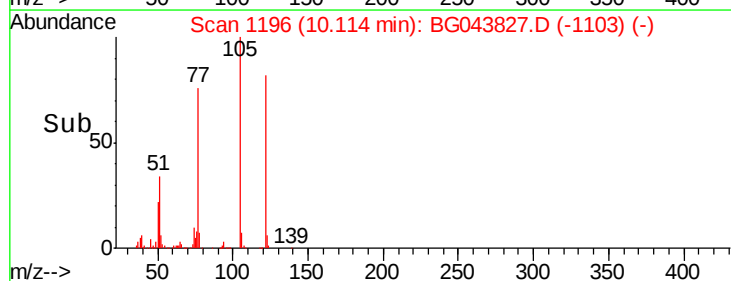
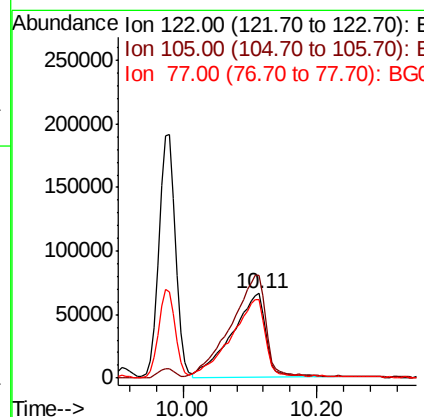
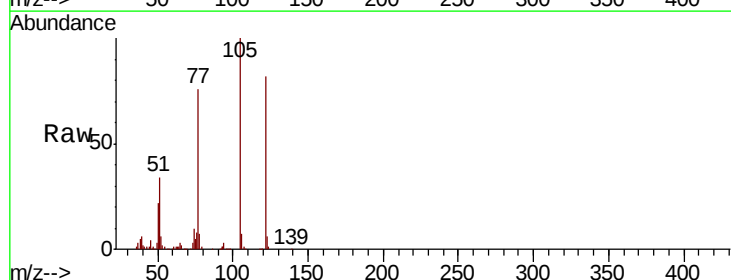
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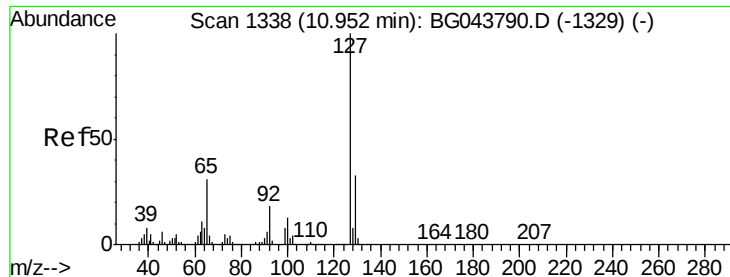
mohammad
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#32
Benzoic acid
Concen: 50.964 ng
RT: 10.11 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.3	107.5	147.5
77	92.5	71.7	111.7





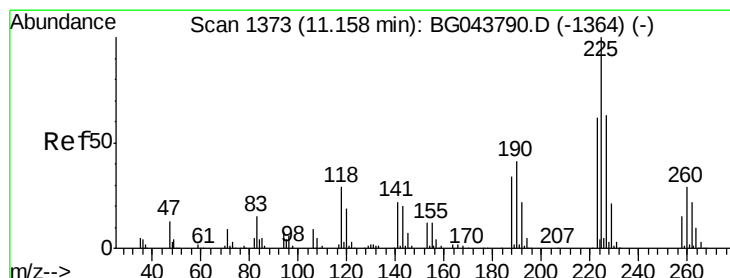
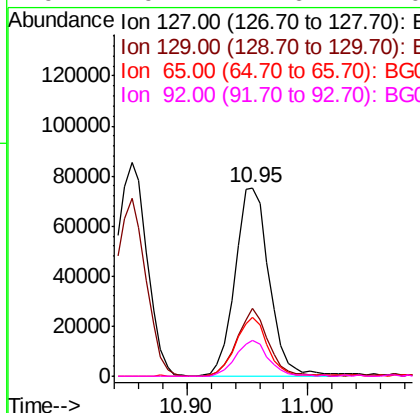
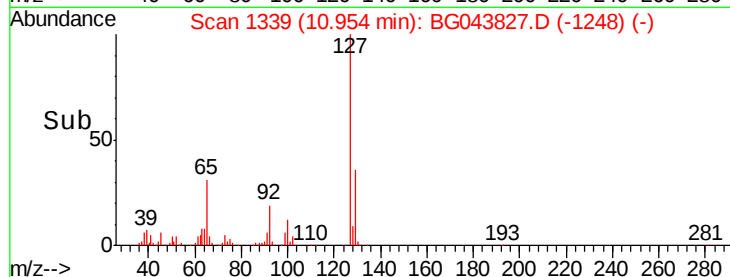
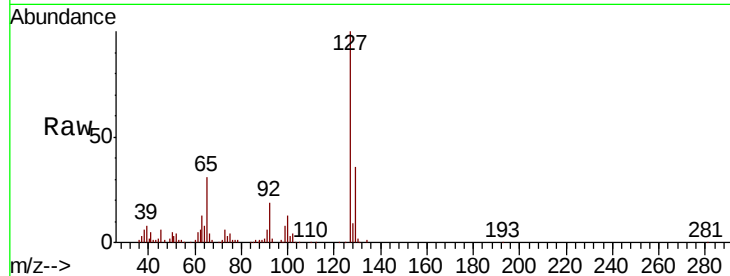
#33
4-Chloroaniline
Concen: 12.357 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	36.0	26.1	39.1		
65	31.5	24.4	36.6		
92	19.2	14.6	22.0		

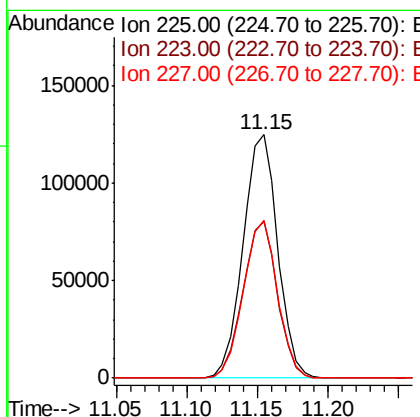
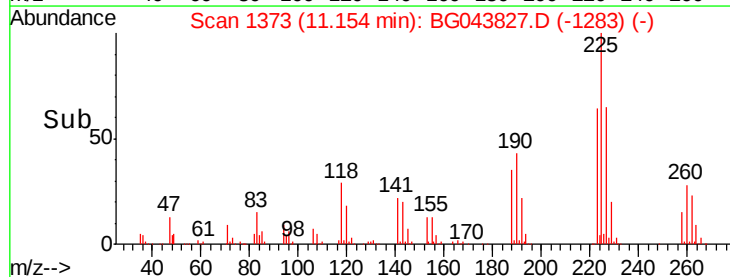
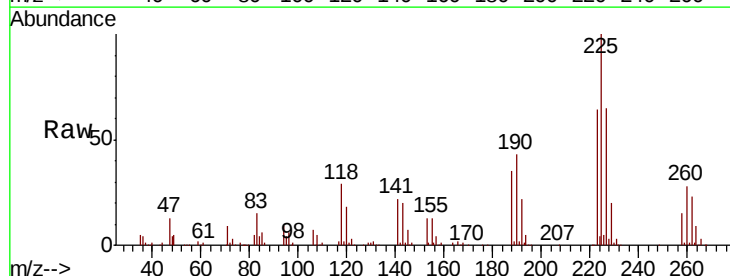
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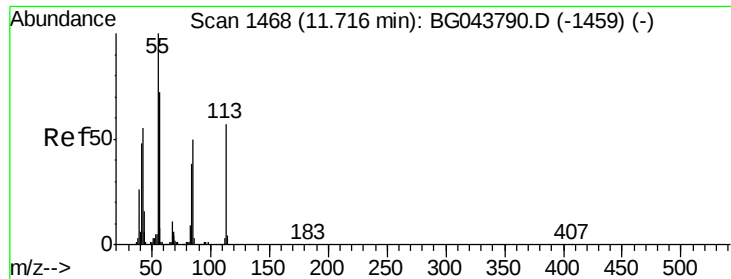
mohammad
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#34
Hexachlorobutadiene
Concen: 37.636 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	49.3	73.9		
227	65.1	50.2	75.2		





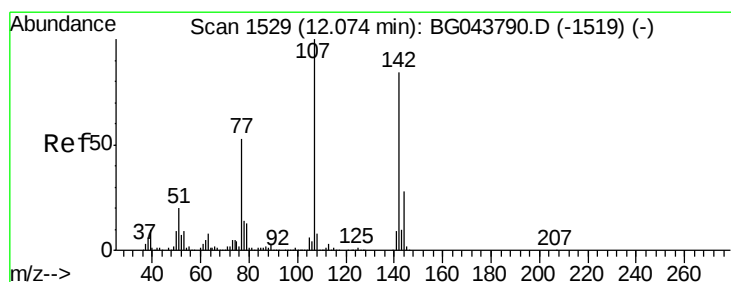
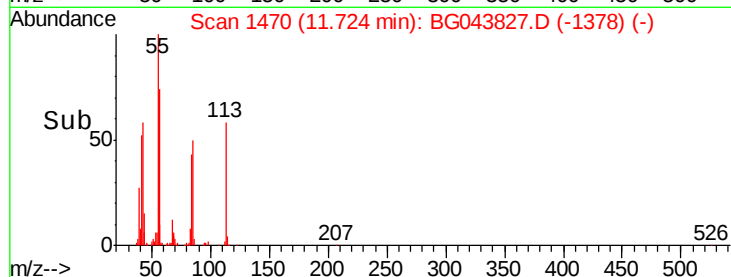
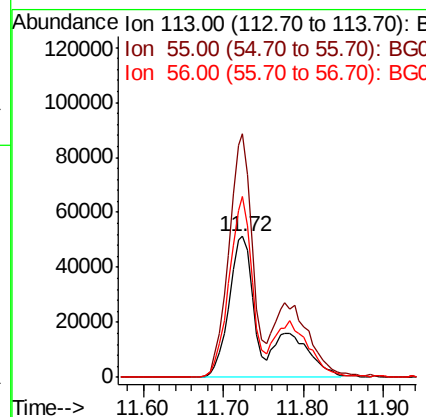
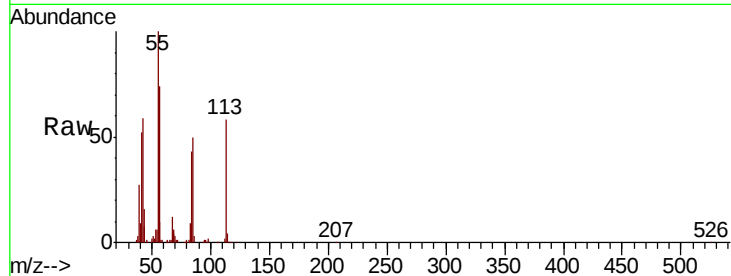
#35
 Caprolactam
 Concen: 50.314 ng/ml
 RT: 11.72 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BG043827.D
 Acq: 17 Dec 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	172.5	154.2	194.2
56	128.4	105.6	145.6

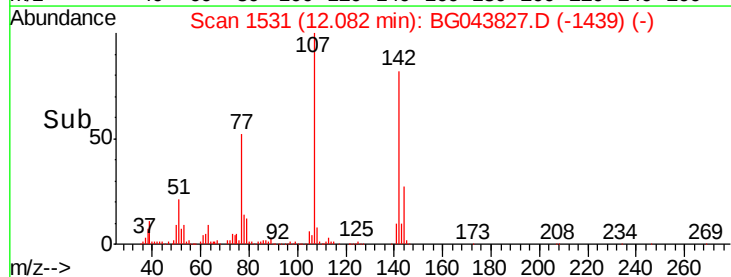
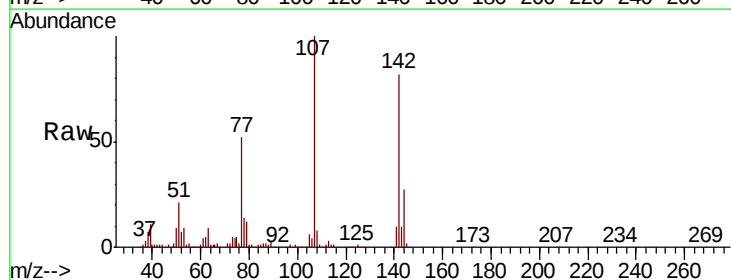
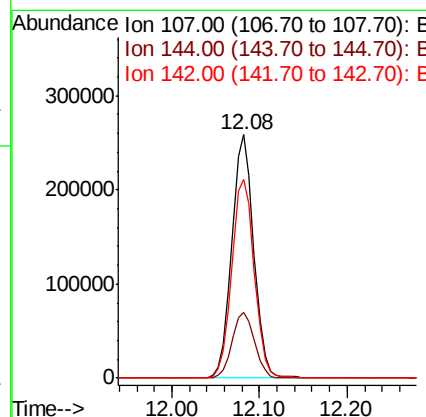
Manual Integrations
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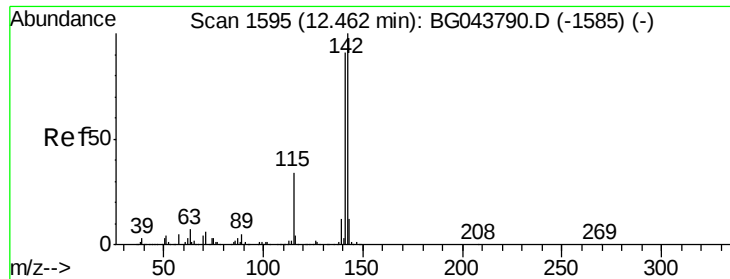
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 51.971 ng/ml
 RT: 12.08 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BG043827.D
 Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	22.2	33.4
142	81.8	67.0	100.6





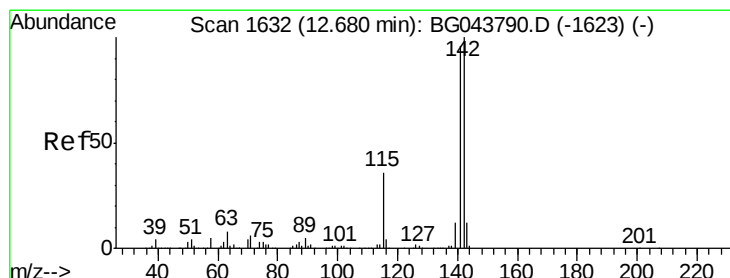
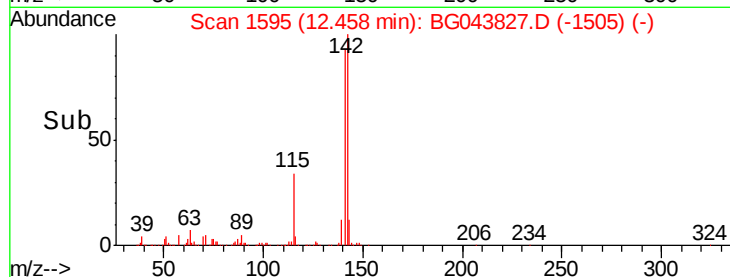
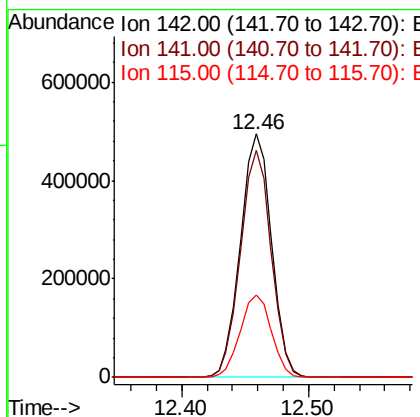
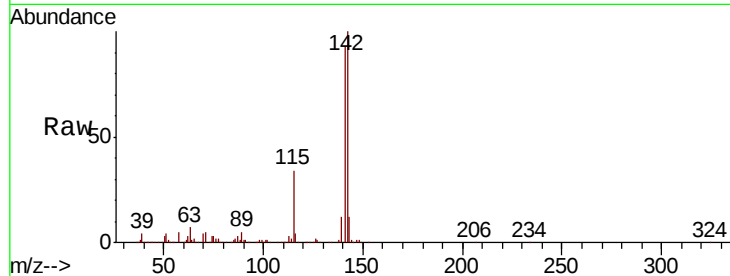
#37
2-Methylnaphthalene
Concen: 44.050 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.2	109.8
115	34.0	27.3	40.9

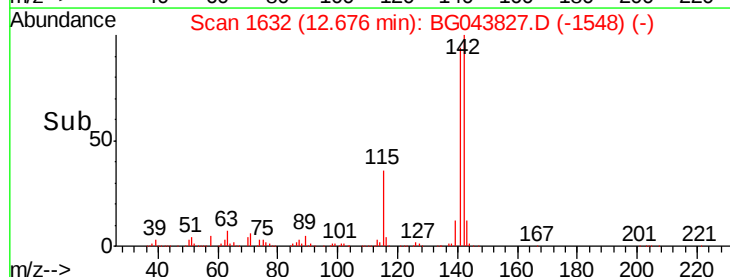
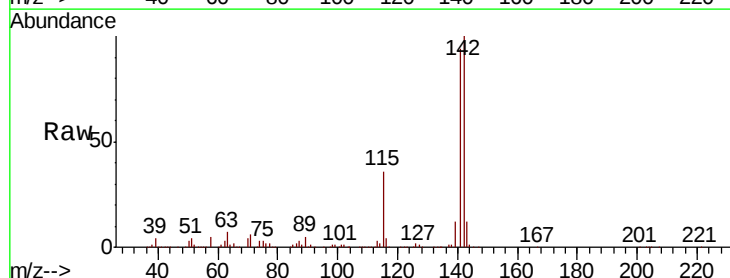
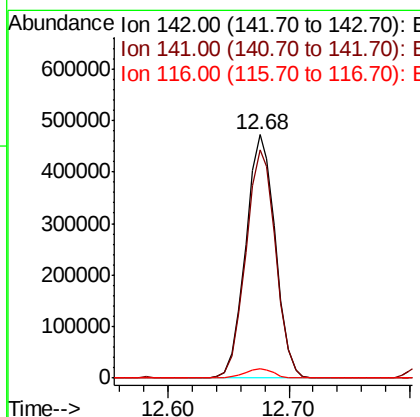
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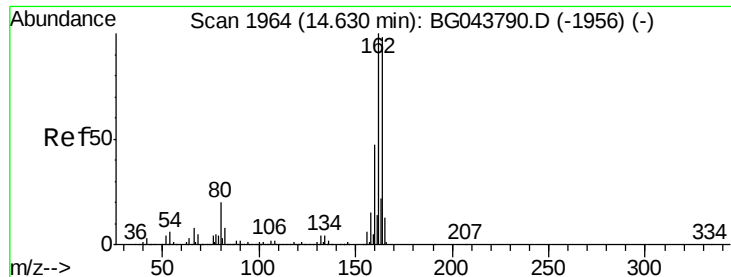
mohammad
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#38
1-Methylnaphthalene
Concen: 44.263 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	76.9	115.3
116	4.0	3.2	4.8





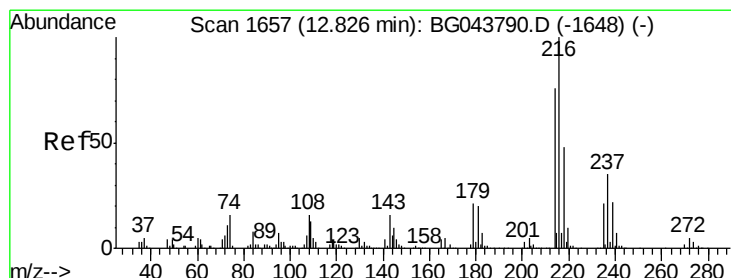
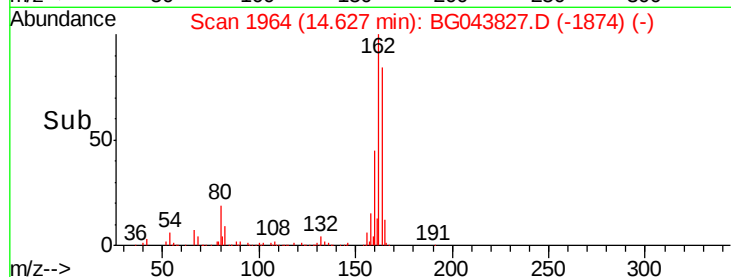
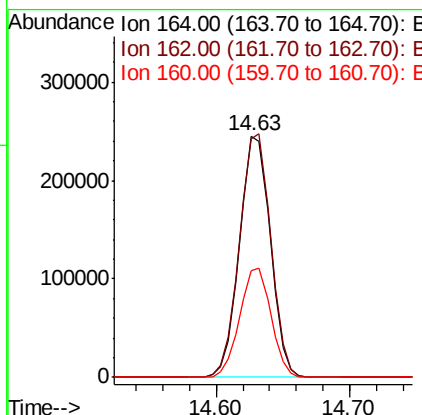
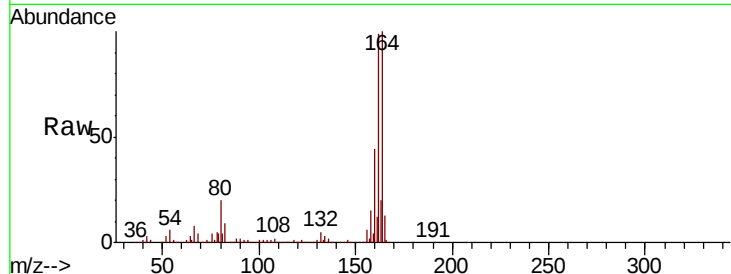
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.9	122.9
160	44.5	38.3	57.5

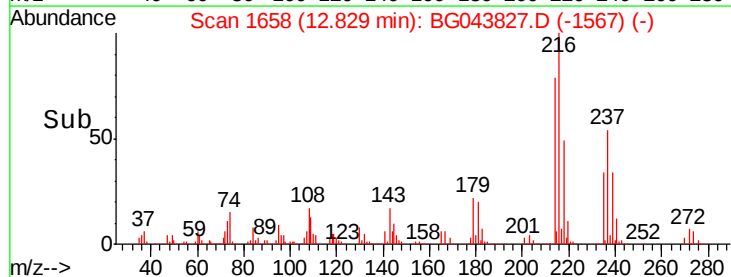
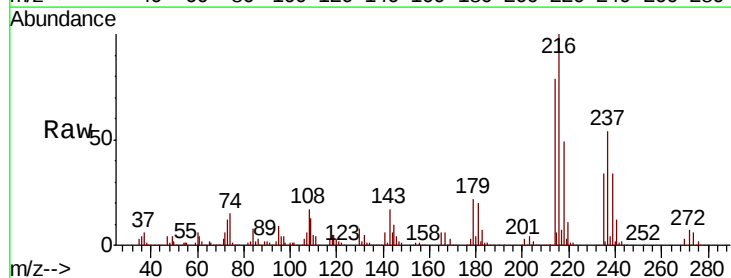
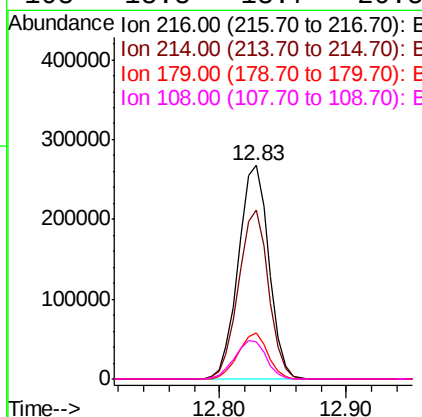
Manual Integrations
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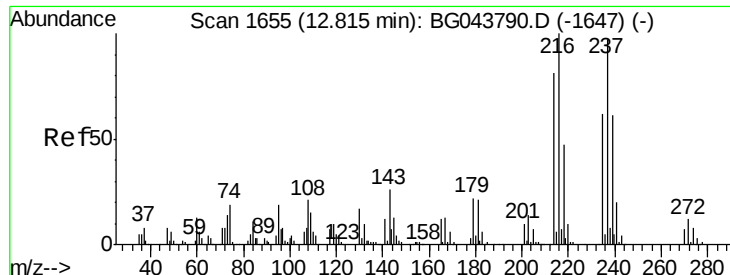
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.891 ng
RT: 12.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.2	93.4
179	21.0	16.6	25.0
108	18.8	13.7	20.5





#41

Hexachlorocyclopentadiene

Concen: 90.430 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

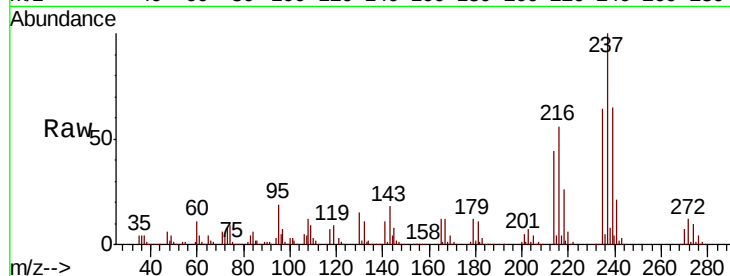
ClientSampleId :

TP-1MS

Tot Ion:	237	Resp:	498939
Ion Ratio	Lower	Upper	
237	100		
235	64.1	43.9	83.9
272	12.1	0.0	32.0

Manual Integrations
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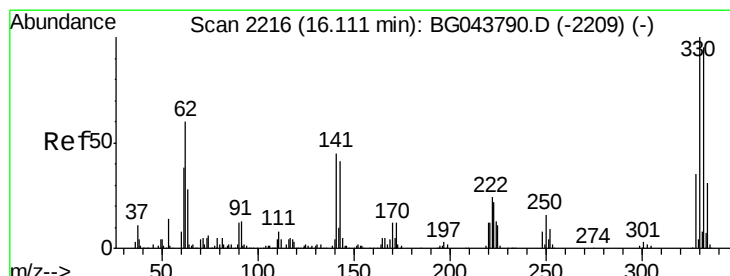
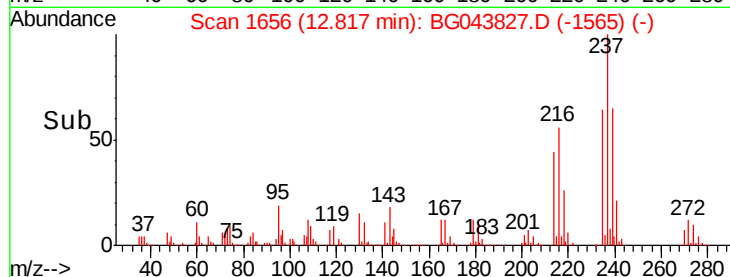
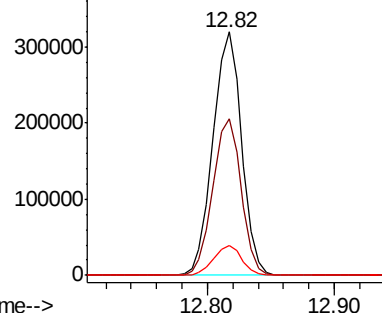


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 125.268 ng

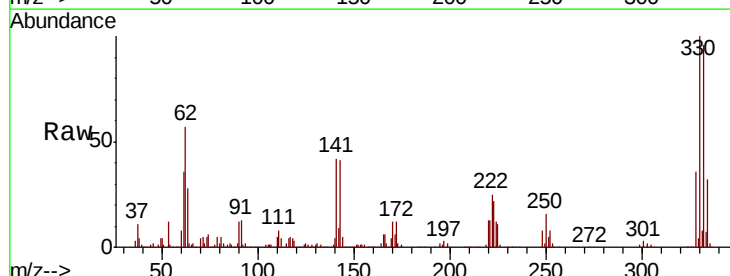
RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion:	330	Resp:	467180
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.9	115.3
141	41.0	33.8	50.8

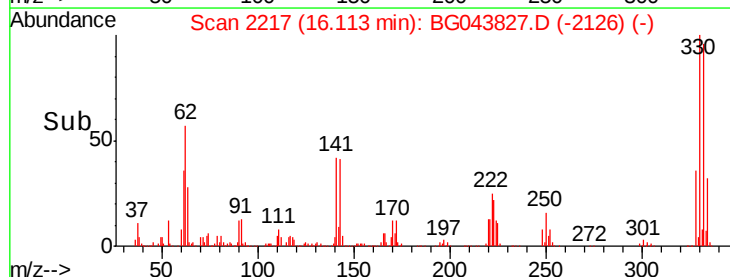
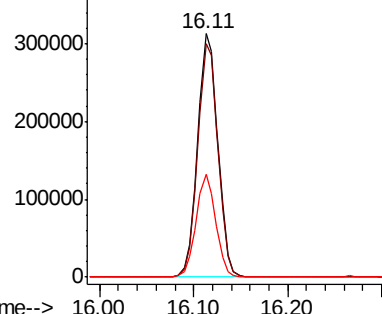


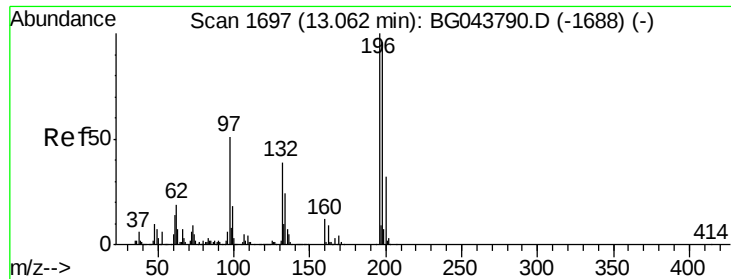
Abundance

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





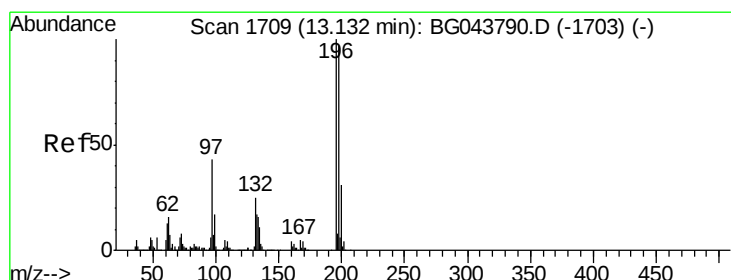
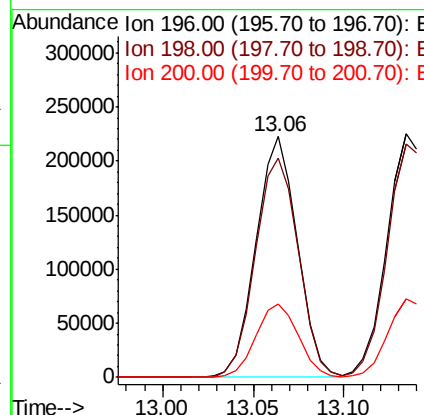
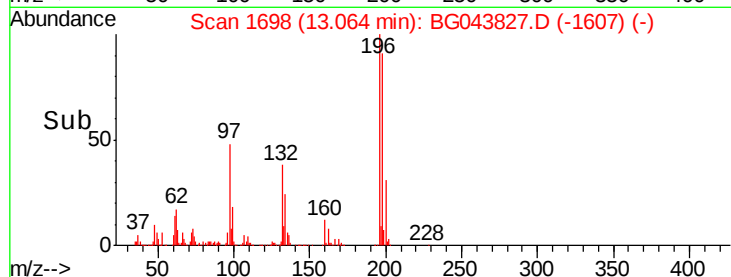
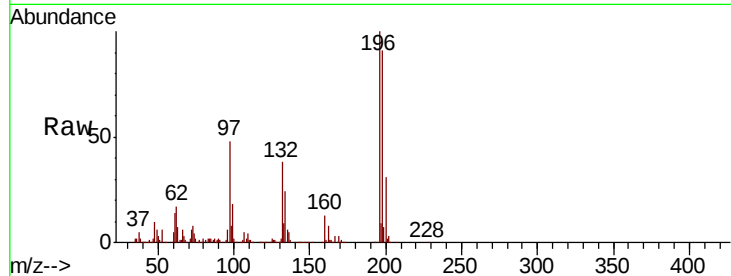
#43
 2,4,6-Trichlorophenol
 Concen: 47.195 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG043827.D
 Acq: 17 Dec 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	352614		
198	91.0	77.0	115.6	
200	30.7	25.7	38.5	

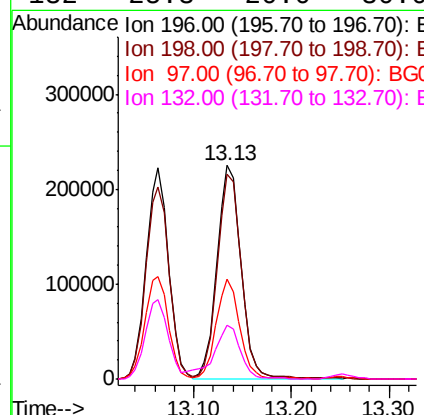
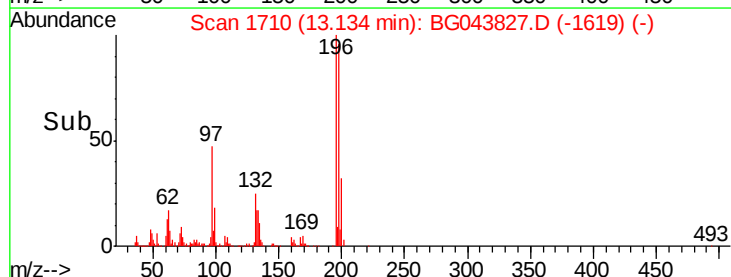
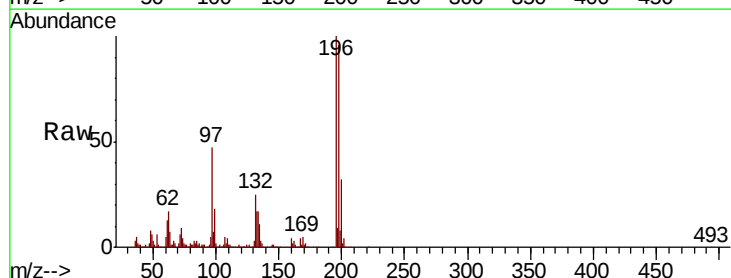
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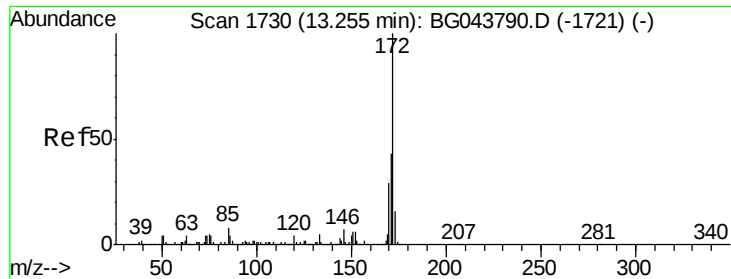
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 48.985 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG043827.D
 Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	383434		
198	95.9	77.4	116.0	
97	47.0	34.7	52.1	
132	25.3	20.0	30.0	





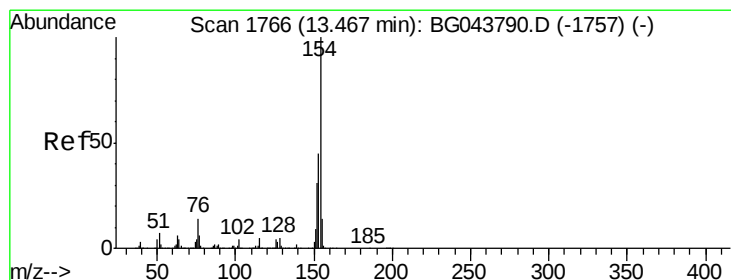
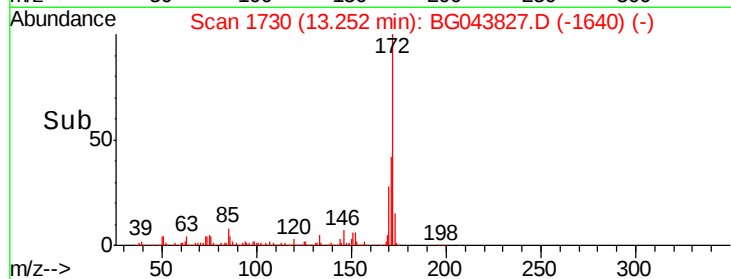
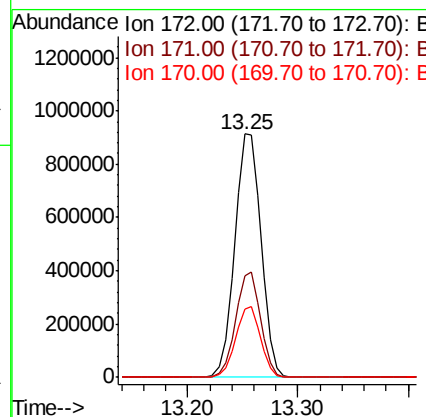
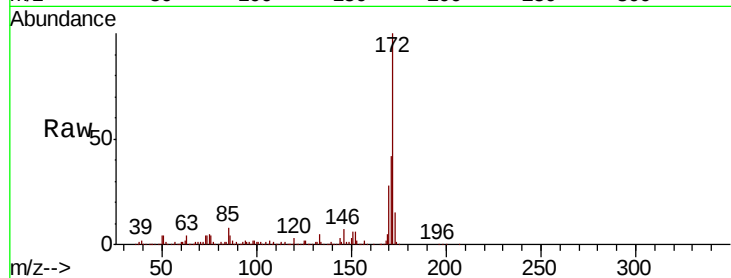
#45
2-Fluorobiphenyl
Concen: 68.560 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.8	34.6	51.8
170	28.1	23.3	34.9

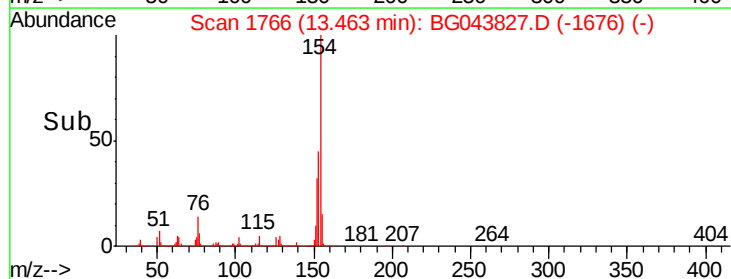
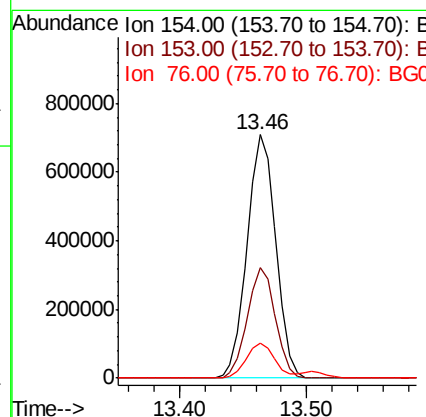
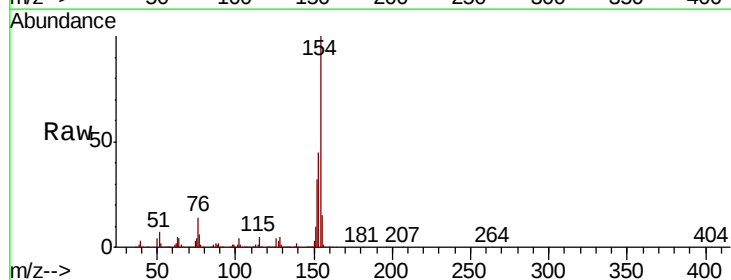
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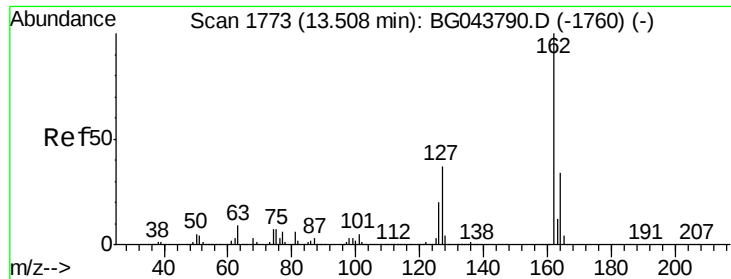
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#46
1,1'-Biphenyl
Concen: 41.294 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.2	24.5	64.5
76	14.1	0.0	33.9





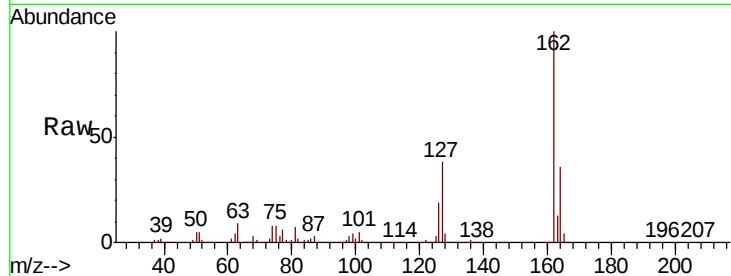
#47
2-Chloronaphthalene
Concen: 40.297 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

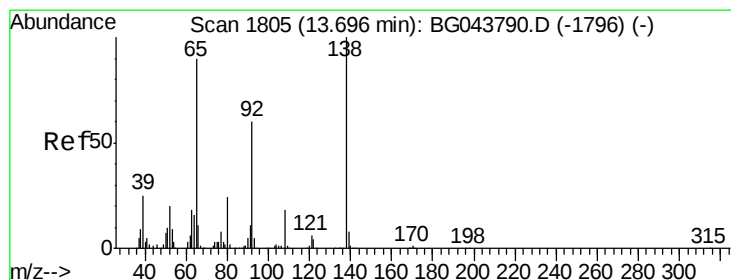
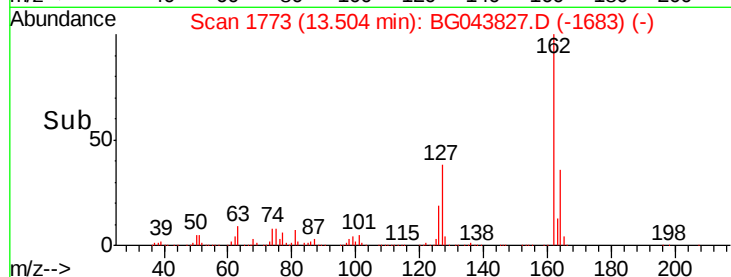
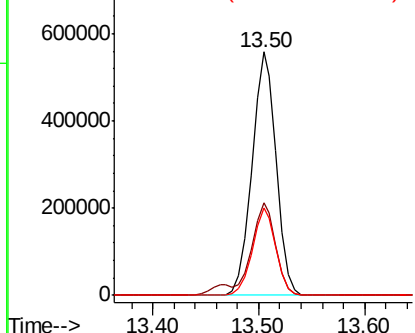
Tot Ion	Ratio	Resp	Lower	Upper
162	100	888445		
127	38.1	30.0	45.0	
164	35.9	27.6	41.4	

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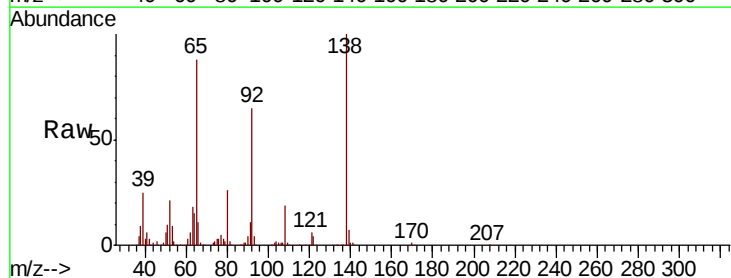


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

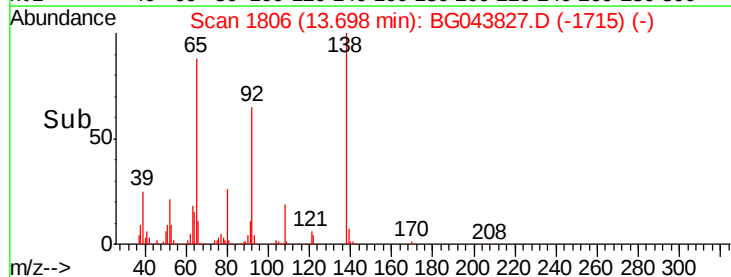
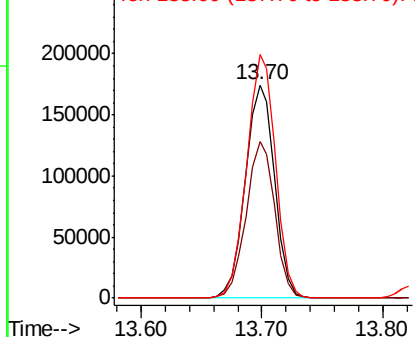


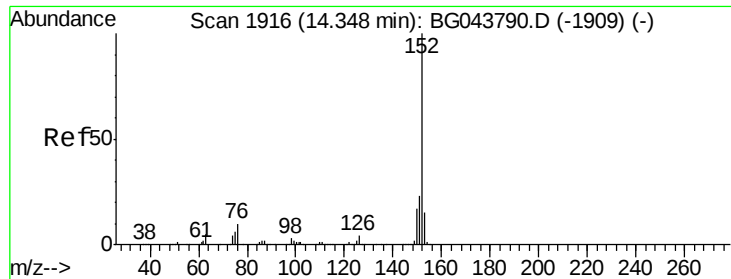
#48
2-Nitroaniline
Concen: 45.293 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	294505		
92	73.6	53.7	80.5	
138	114.0	88.8	133.2	



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





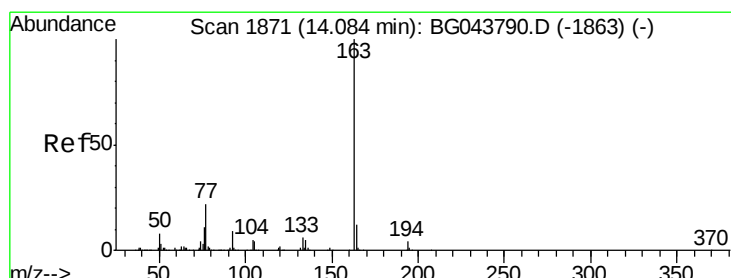
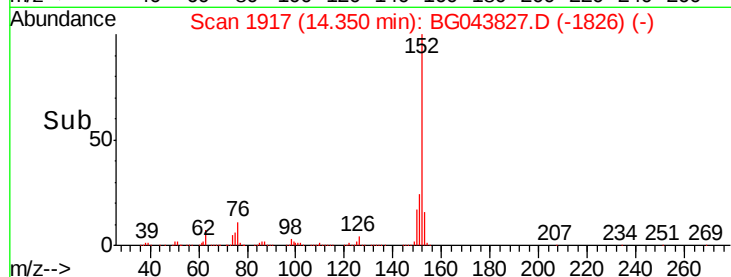
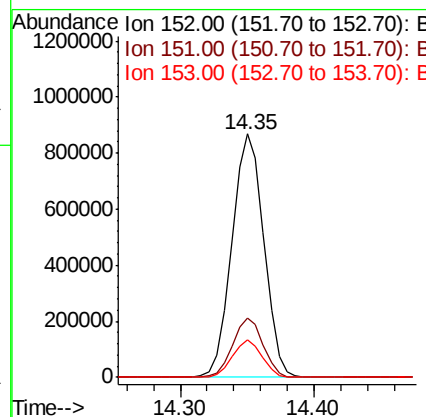
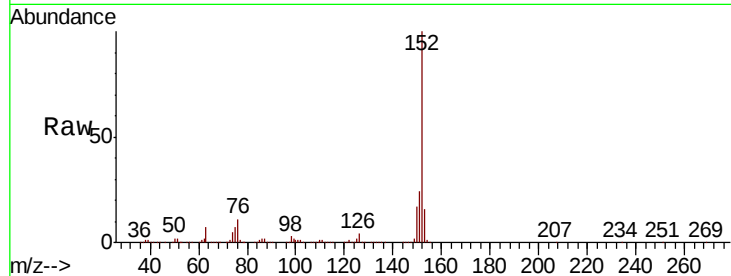
#49
Acenaphthylene
Concen: 43.870 ng
RT: 14.35 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	24.3	18.5	27.7
153	15.6	11.8	17.8

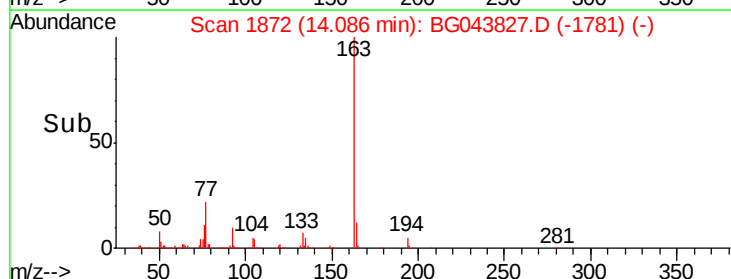
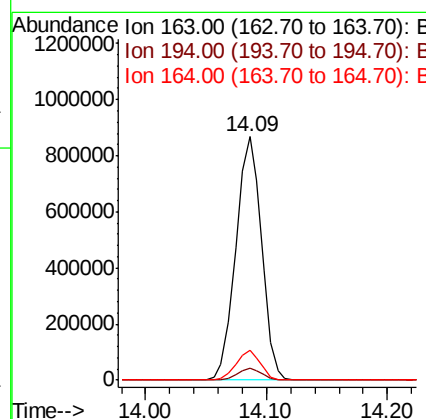
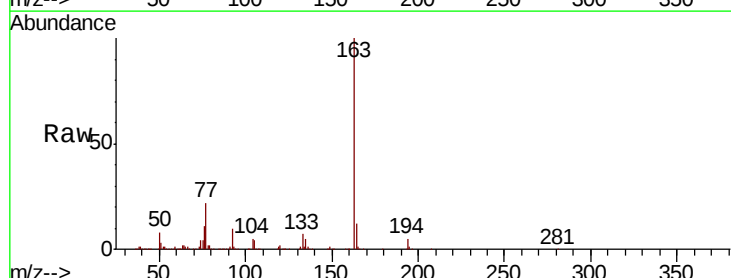
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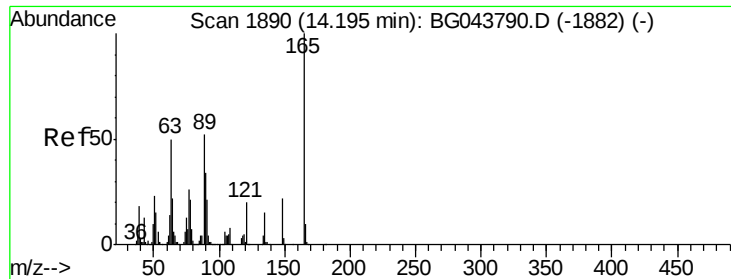
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#50
Dimethylphthalate
Concen: 46.101 ng
RT: 14.09 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.6	5.4
164	12.0	9.4	14.0





#51

2,6-Dinitrotoluene

Concen: 47.805 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tot Ion:165 Resp: 287648

Ion Ratio Lower Upper

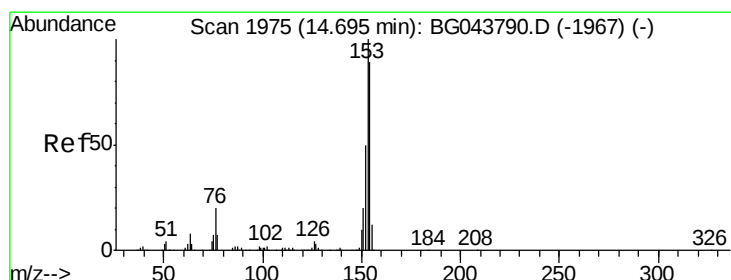
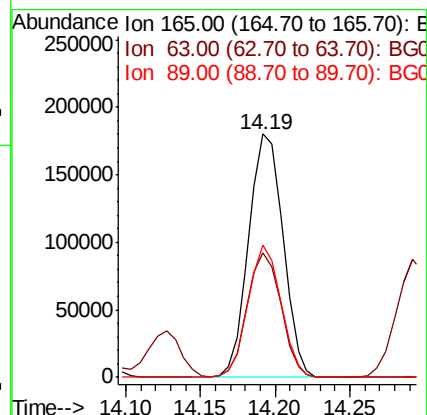
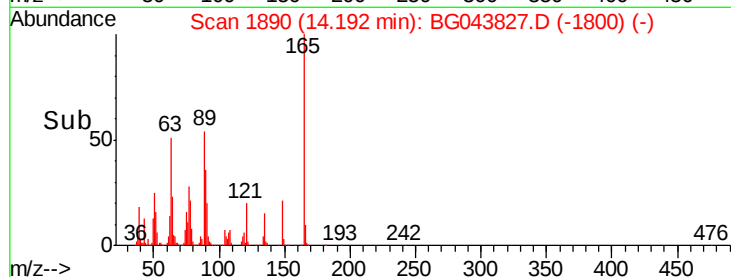
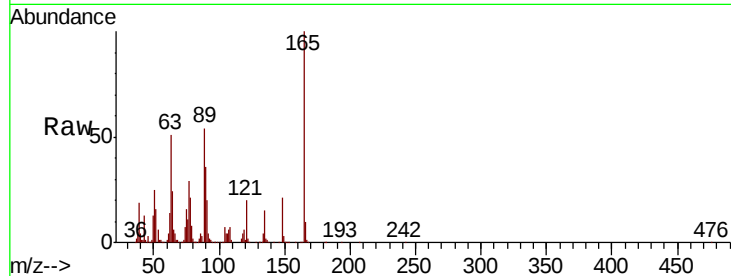
165 100

63 51.3 40.3 60.5

89 54.1 41.8 62.8

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#52

Acenaphthene

Concen: 47.677 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

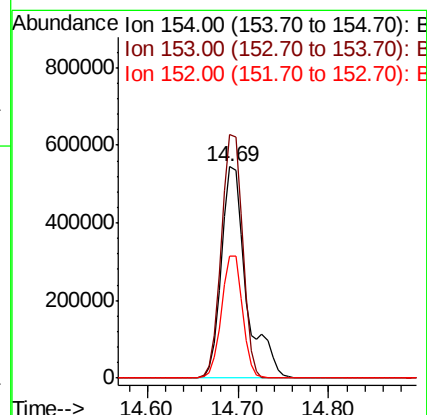
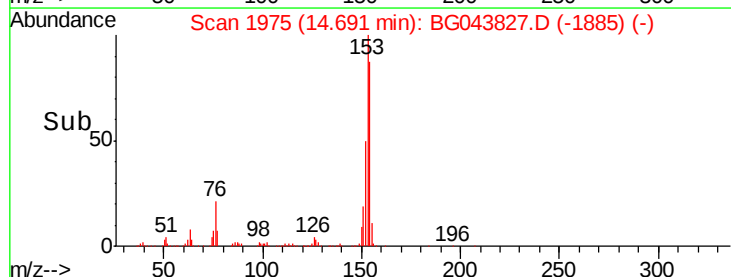
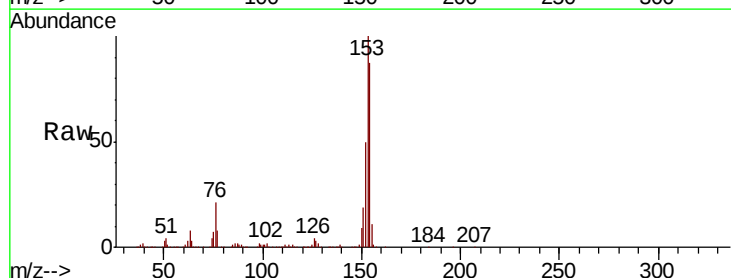
Tgt Ion:154 Resp: 1030111

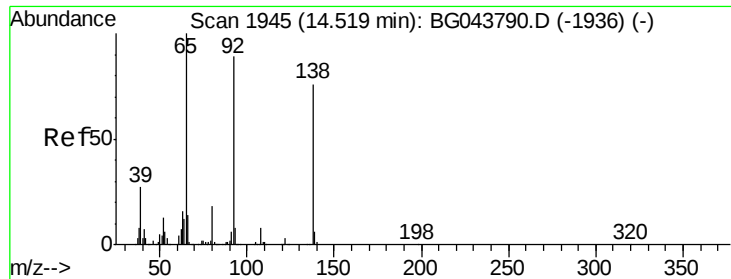
Ion Ratio Lower Upper

154 100

153 115.2 89.5 134.3

152 57.5 45.0 67.4





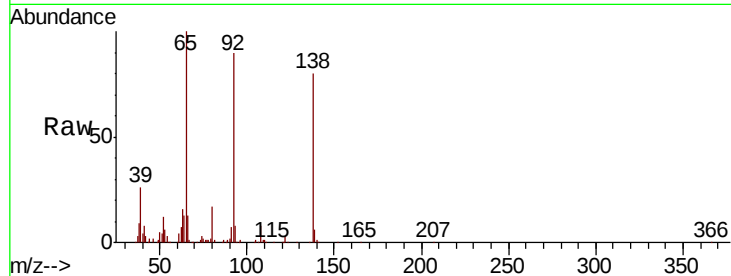
#53
3-Nitroaniline
Concen: 21.115 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.1	12.1
92	113.0	94.6	141.8

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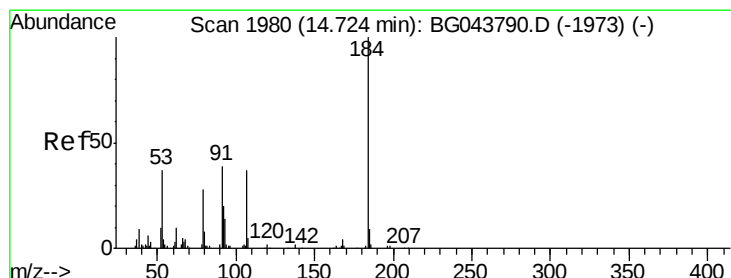
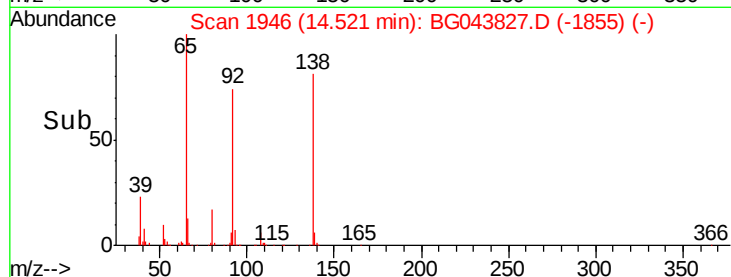
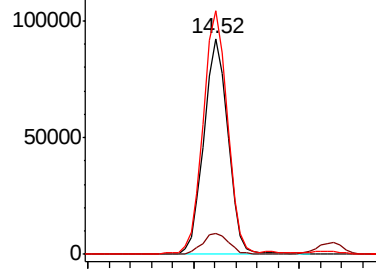


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 103.645 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

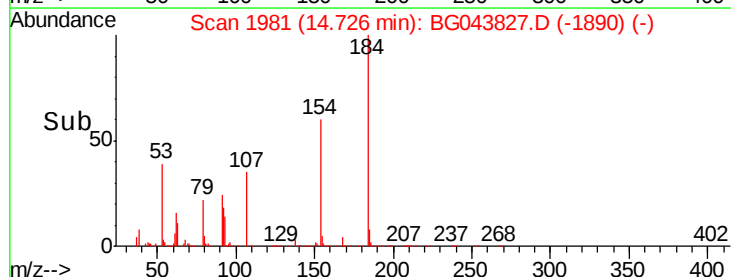
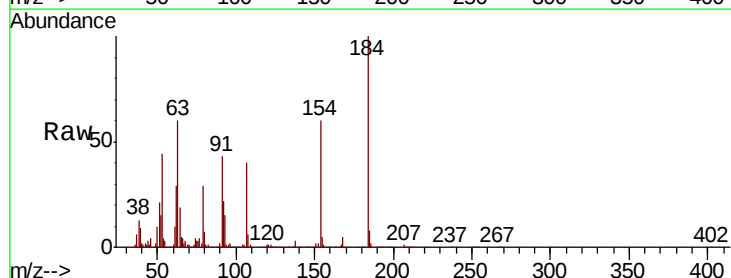
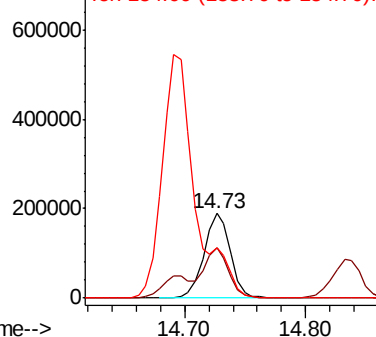
Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.1	43.4	65.0
154	59.7	54.8	82.2

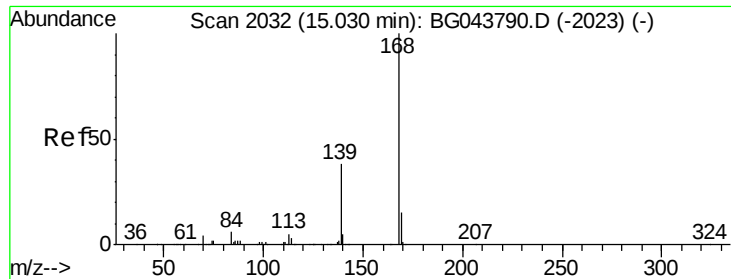
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





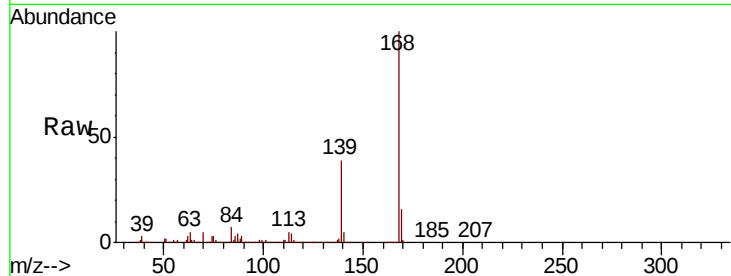
#55
Dibenzofuran
Concen: 43.657 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.4	45.6
169	15.9	12.0	18.0

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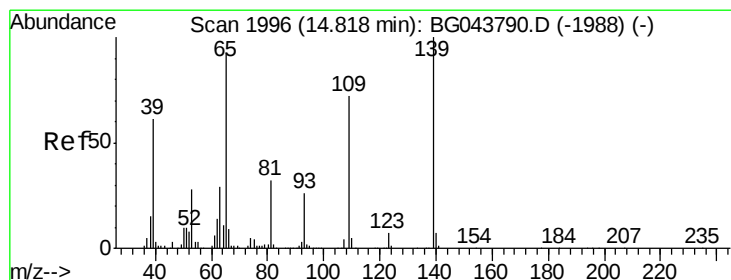
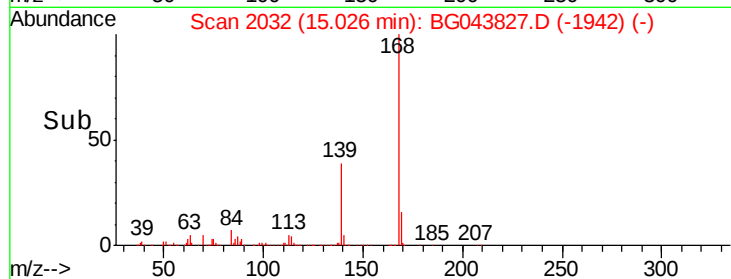
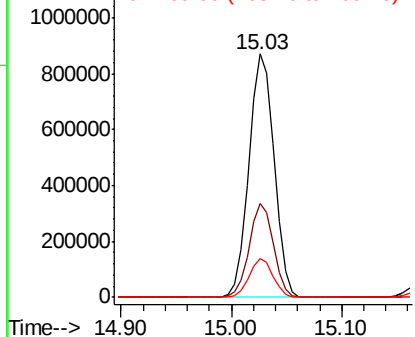


Abundance

Ion 168.00 (167.70 to 168.70): E

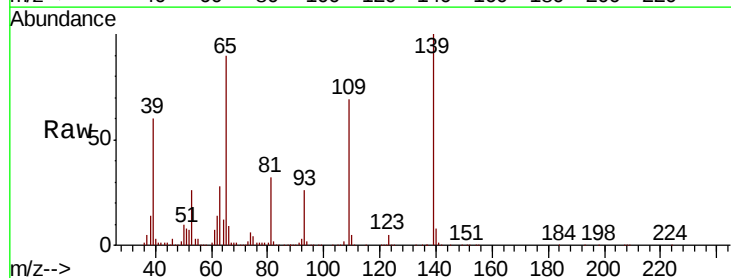
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 101.325 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.02 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.4	51.5	91.5
65	90.5	73.7	113.7

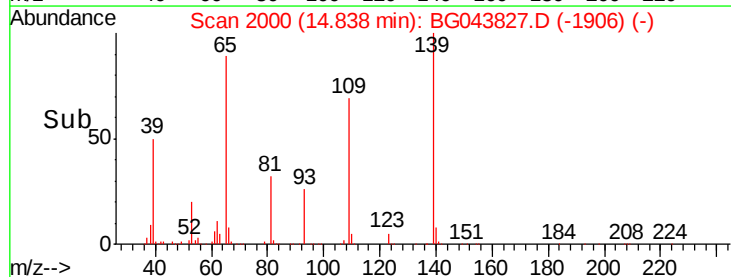
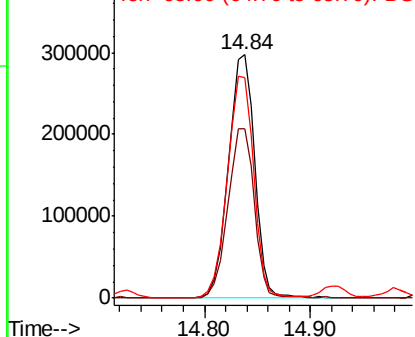


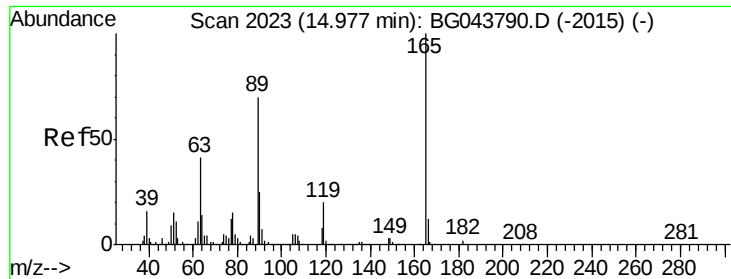
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





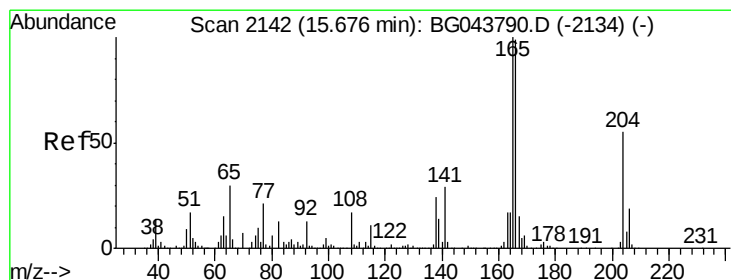
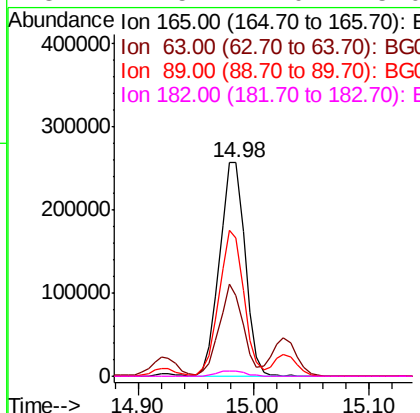
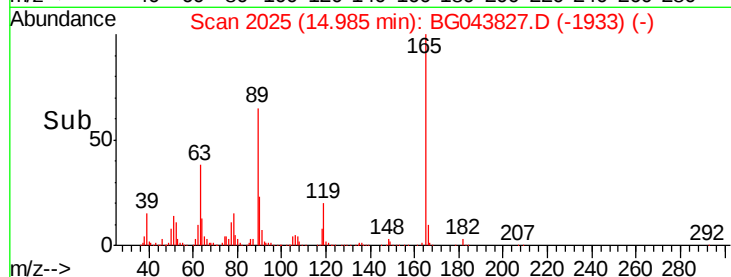
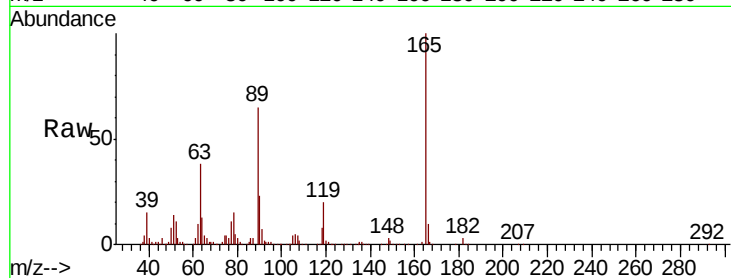
#57
2,4-Dinitrotoluene
Concen: 48.496 ng
RT: 14.98 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	394289		
63	38.1		32.7	49.1
89	64.6		56.1	84.1
182	2.5		2.0	3.0

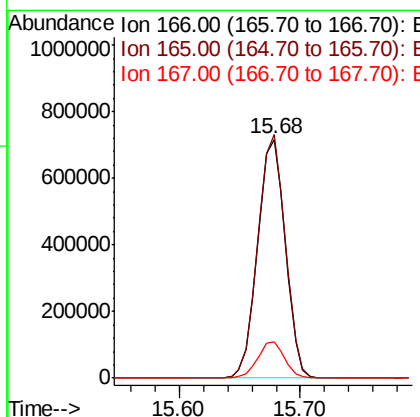
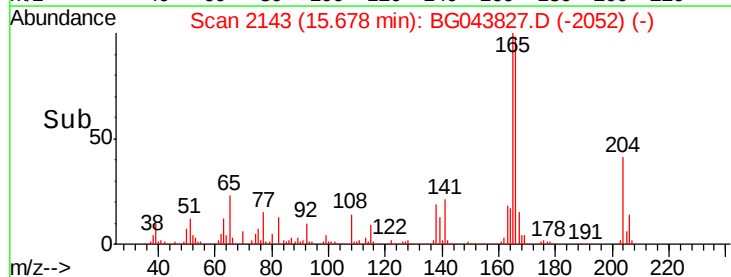
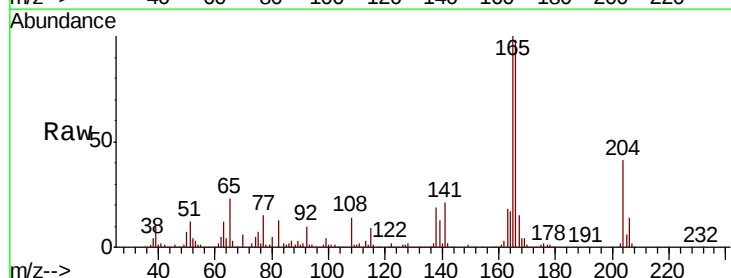
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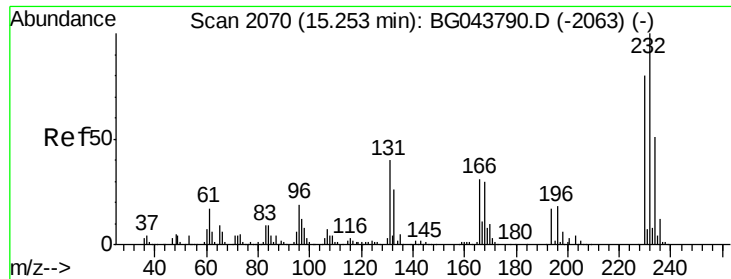
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#58
Fluorene
Concen: 44.270 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1141243		
165	101.9		80.5	120.7
167	15.4		12.1	18.1





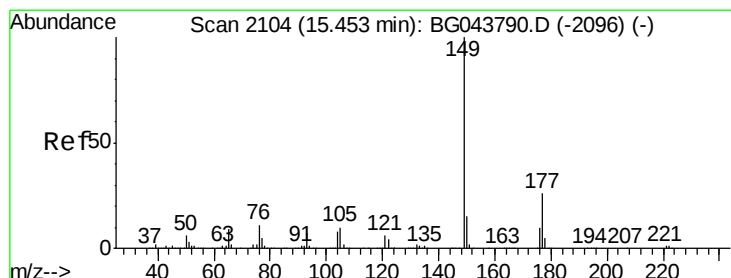
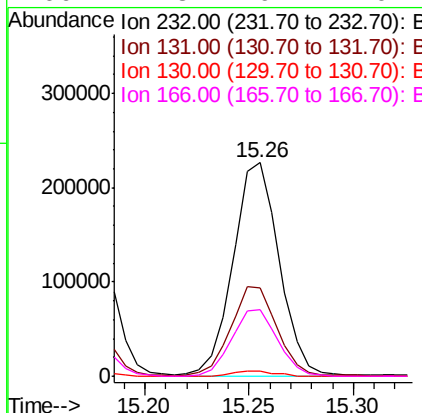
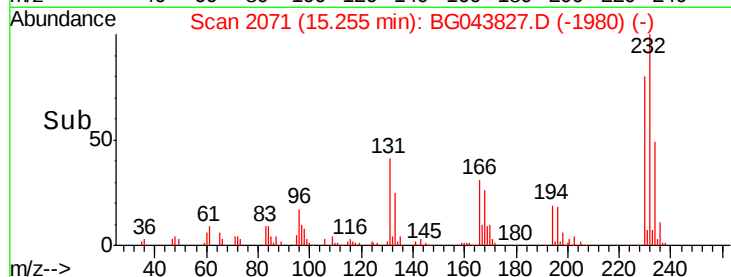
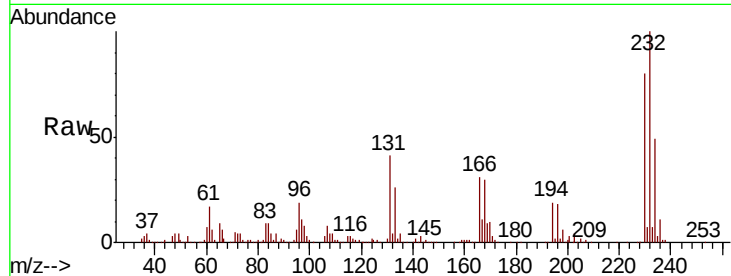
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.821 ng/ml
RT: 15.26 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.6	27.9	41.9
130	2.3	1.8	2.8
166	24.3	19.4	29.2

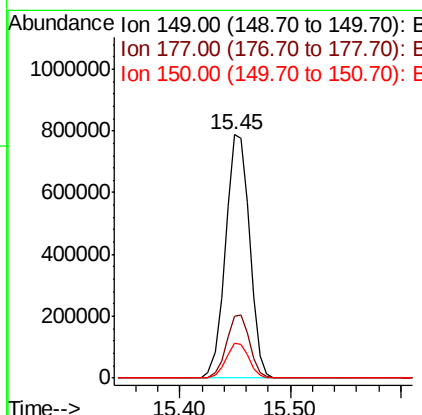
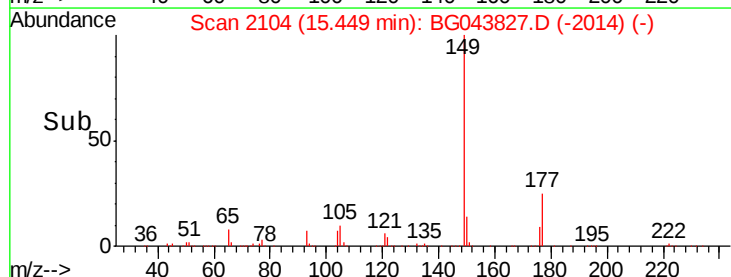
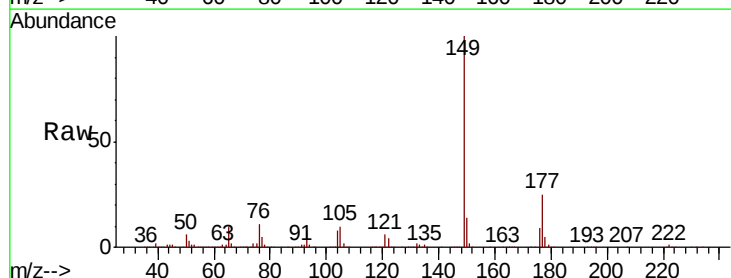
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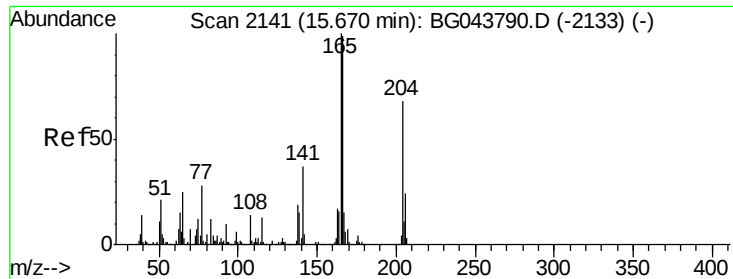
mohammad
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#60
Diethylphthalate
Concen: 42.960 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.4	20.4	30.6
150	14.4	11.6	17.4





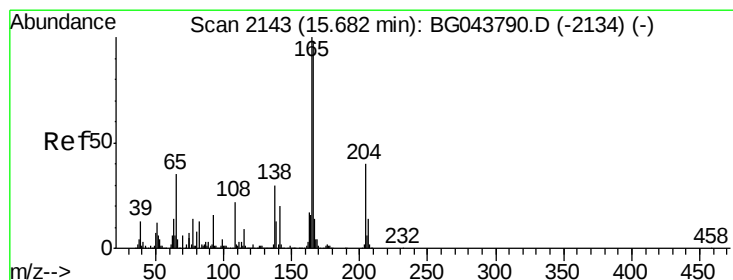
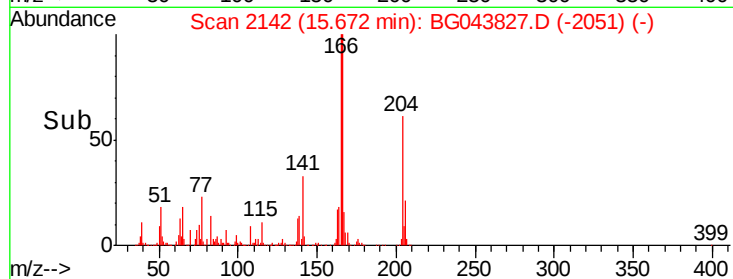
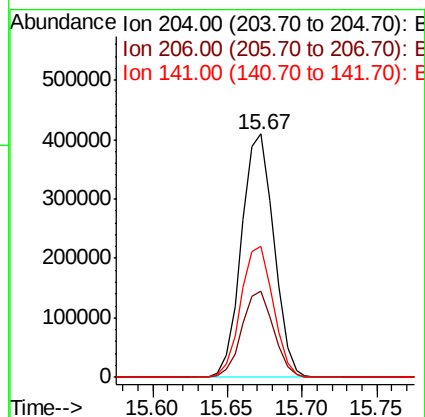
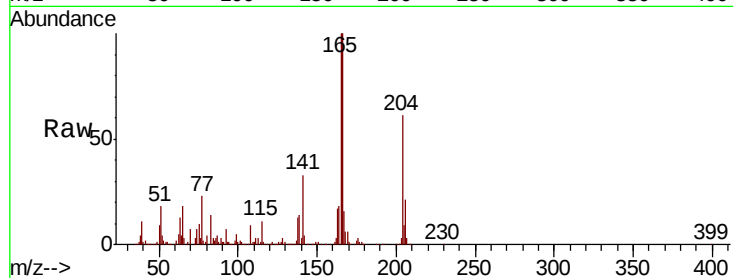
#61
4-Chlorophenyl-phenylether
Concen: 42.599 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	35.2	28.1	42.1
141	53.6	44.1	66.1

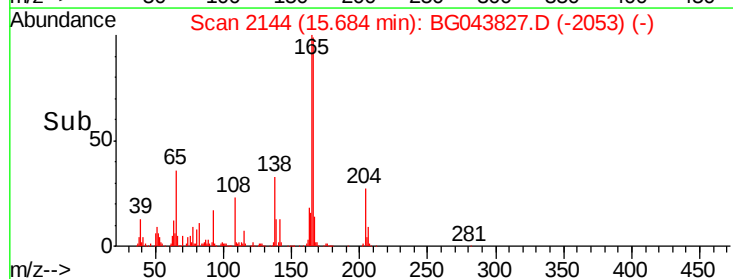
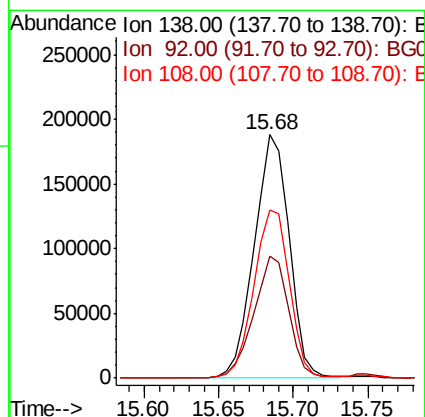
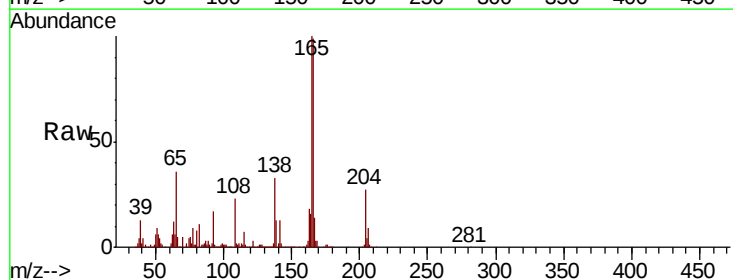
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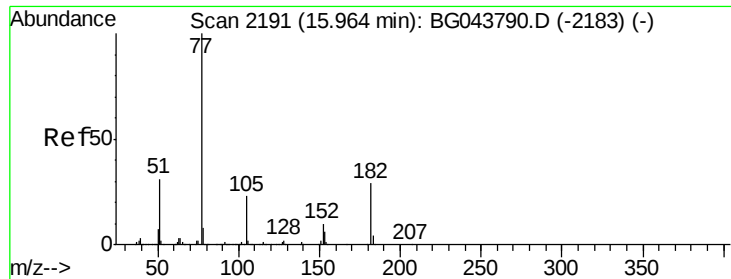
mohammad
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#62
4-Nitroaniline
Concen: 42.607 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	50.1	31.5	71.5
108	69.2	53.1	93.1





#63

Azobenzene

Concen: 43.900 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tot Ion: 77 Resp: 1124803

Ion Ratio Lower Upper

77 100

182 28.9 9.0 49.0

105 22.6 2.9 42.9

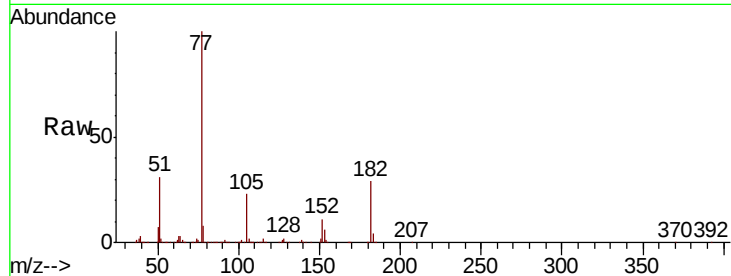
51 31.0 10.6 50.6

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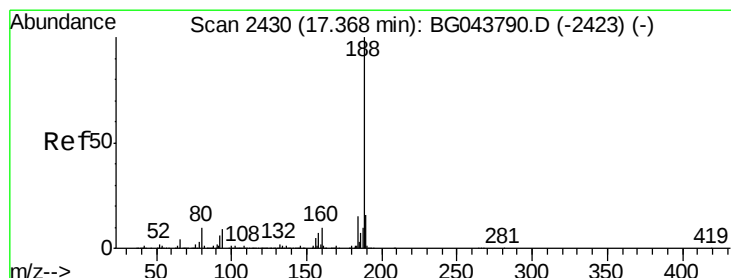
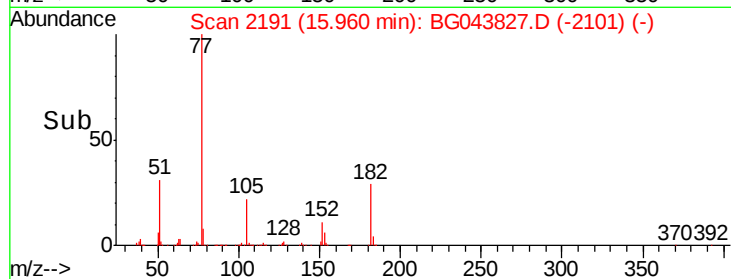
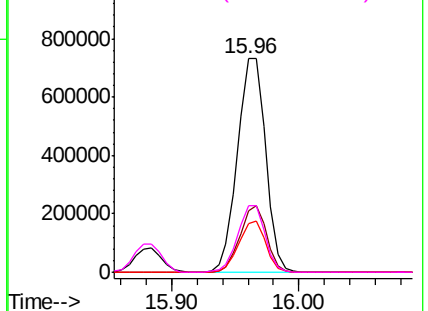


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043827.D

Acq: 17 Dec 2019 19:59

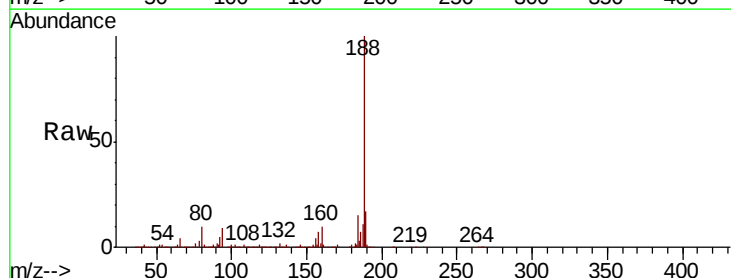
Tgt Ion: 188 Resp: 895565

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

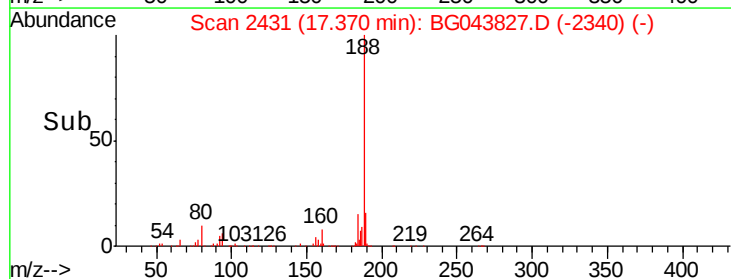
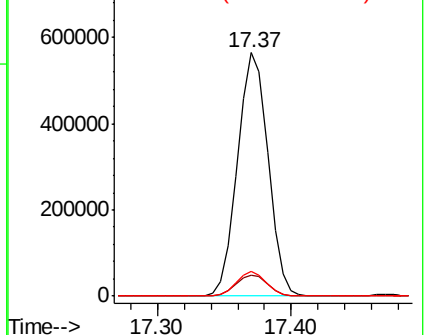
80 10.1 7.8 11.8

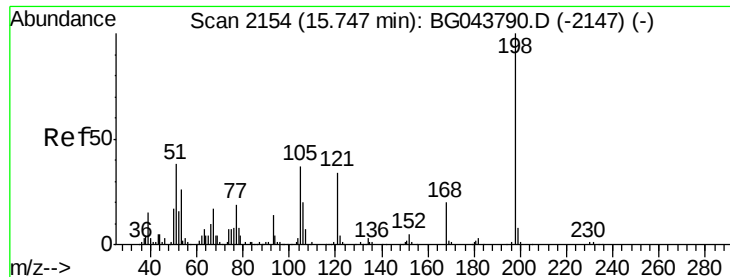


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 57.243 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

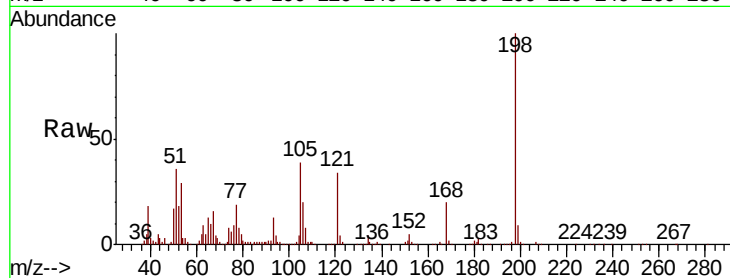
ClientSampleId :

TP-1MS

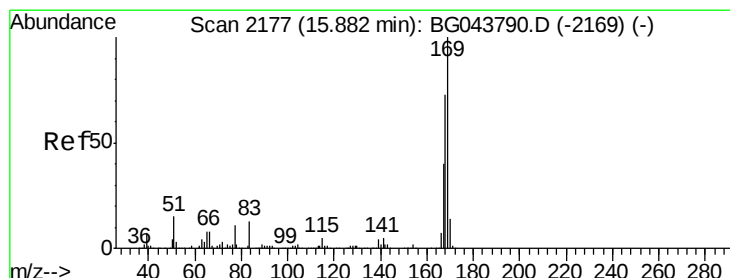
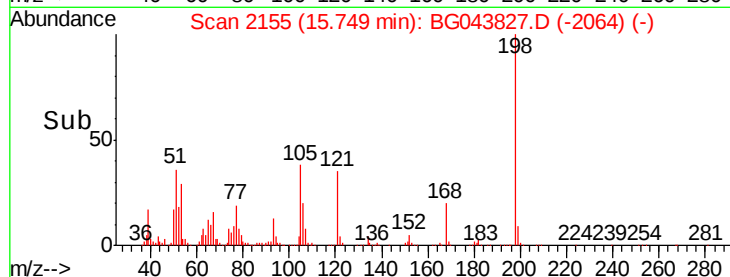
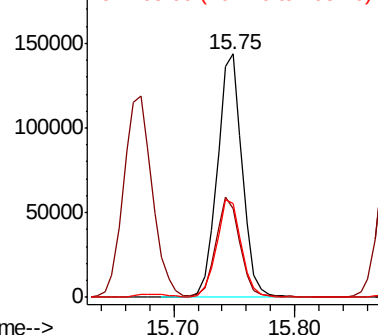
Tot Ion:	198	Resp:	205667
Ion Ratio	Lower	Upper	
198	100		
51	36.3	18.9	58.9
105	38.6	18.1	58.1

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.526 ng

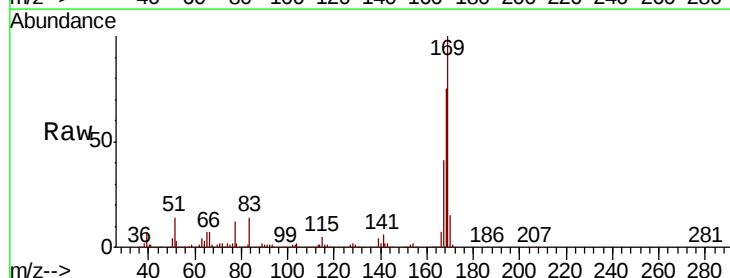
RT: 15.88 min Scan# 2178

Delta R.T. 0.00 min

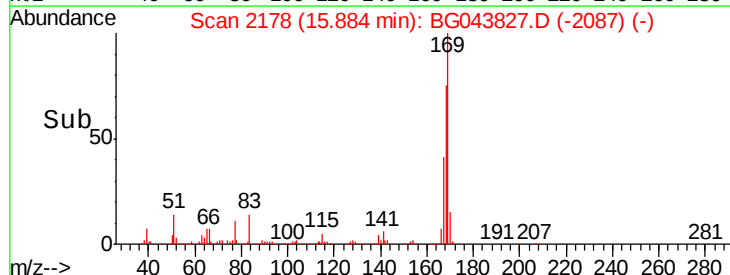
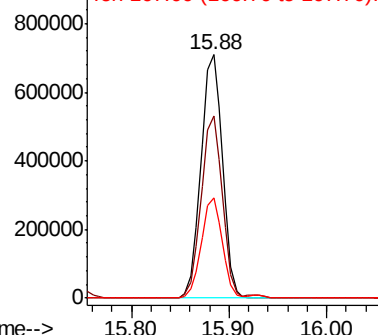
Lab File: BG043827.D

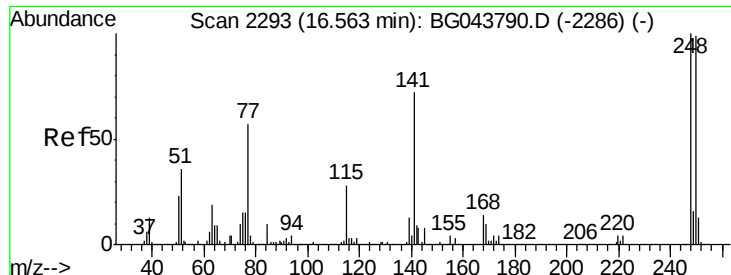
Acq: 17 Dec 2019 19:59

Tgt Ion:	169	Resp:	1083402
Ion Ratio	Lower	Upper	
169	100		
168	74.8	58.5	87.7
167	41.1	32.1	48.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





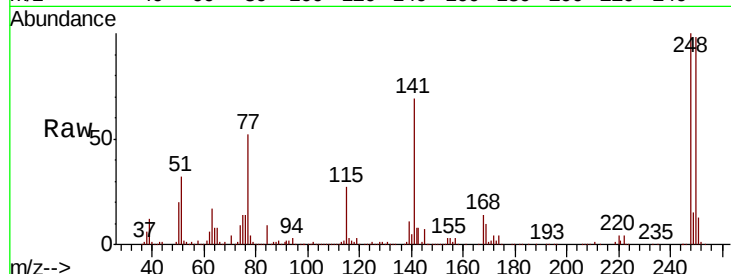
#67
4-Bromophenyl-phenylether
Concen: 42.169 ng
RT: 16.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	79.0	118.6
141	69.1	57.8	86.6

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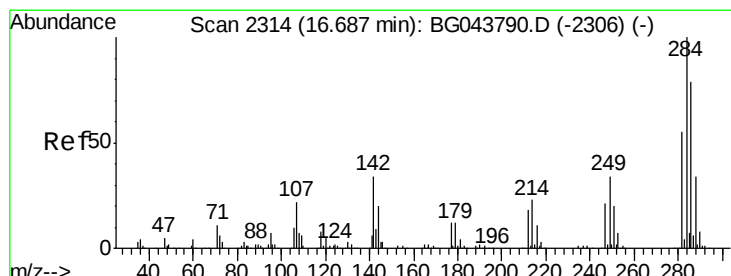
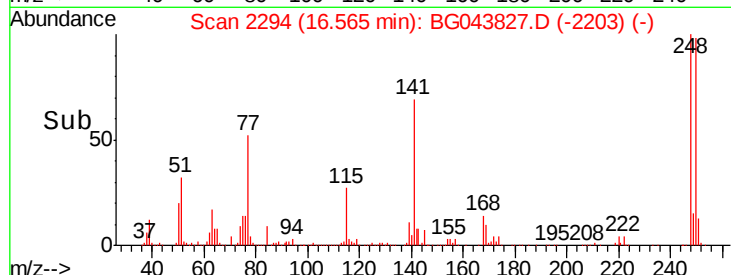
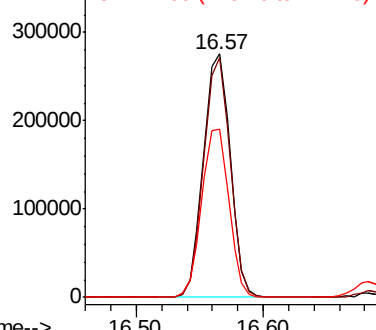


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.832 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

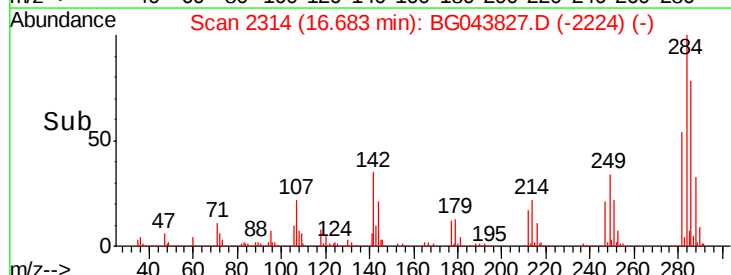
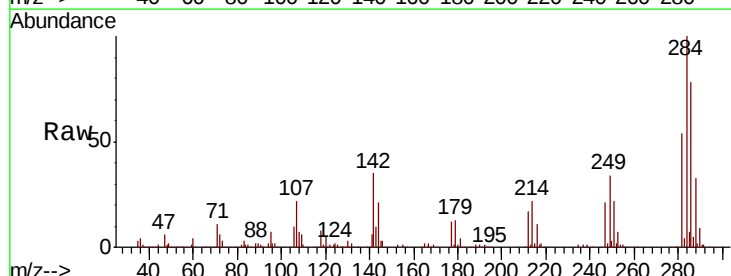
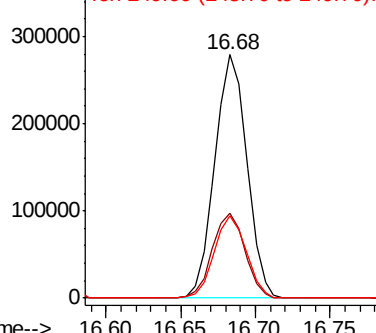
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	27.0	40.6
249	33.7	27.2	40.8

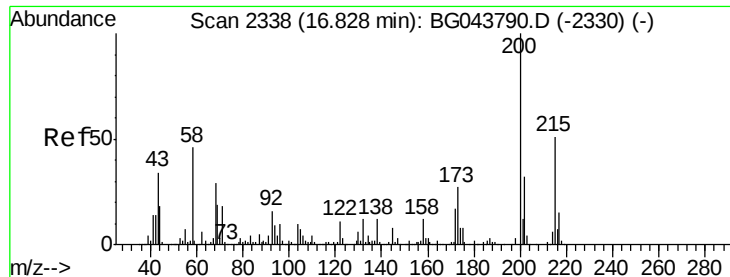
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





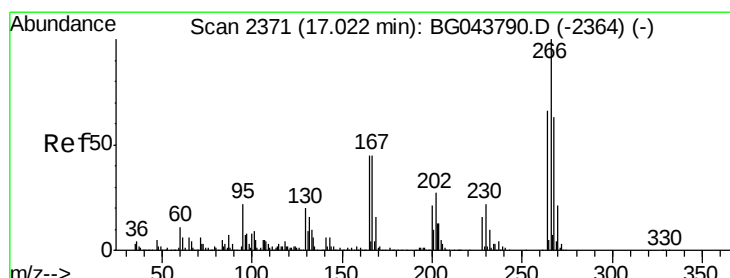
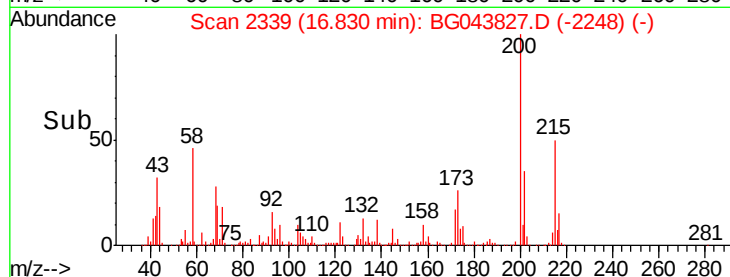
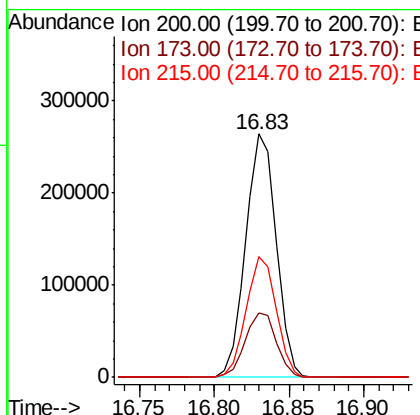
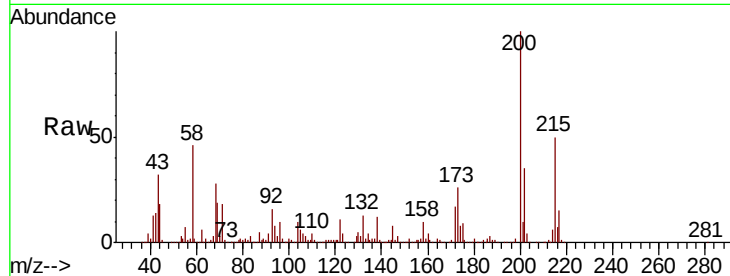
#69
 Atrazine
 Concen: 46.750 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. 0.00 min
 Lab File: BG043827.D
 Acq: 17 Dec 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.4	47.4
215	49.7	30.5	70.5

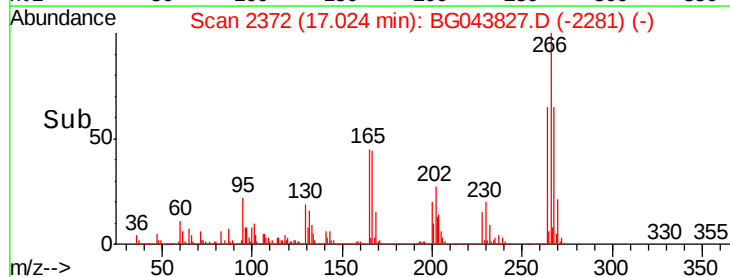
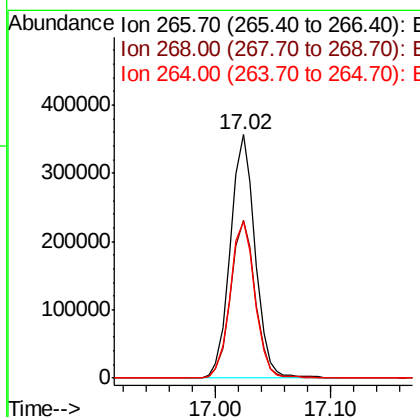
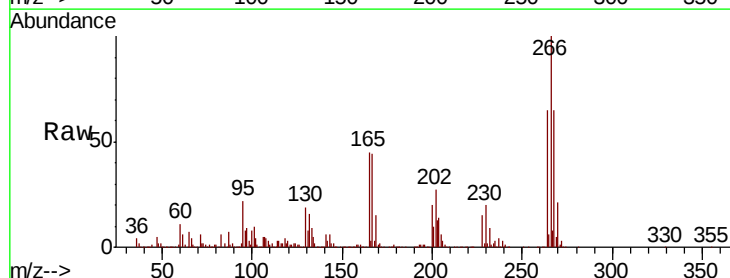
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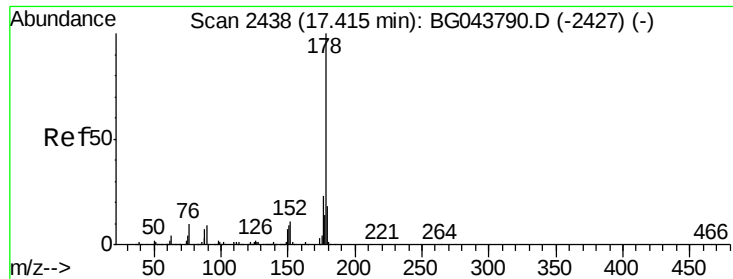
mohammad
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#70
 Pentachlorophenol
 Concen: 98.100 ng
 RT: 17.02 min Scan# 2372
 Delta R.T. 0.00 min
 Lab File: BG043827.D
 Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.8	76.2
264	64.5	53.0	79.4





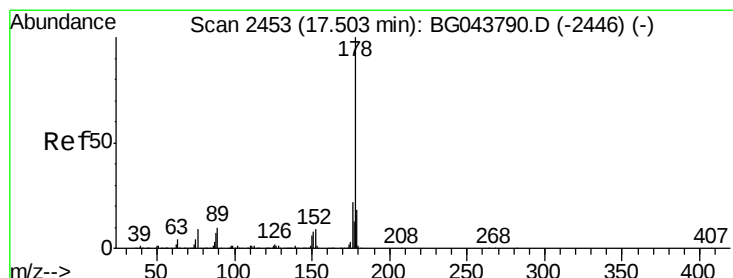
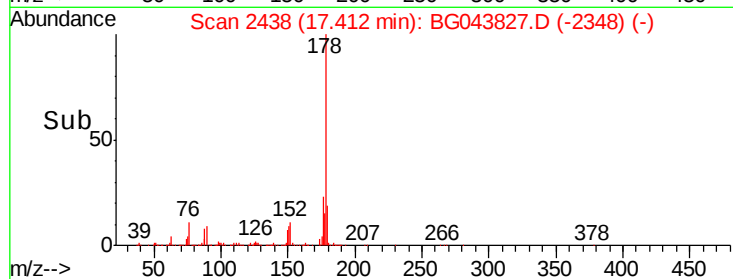
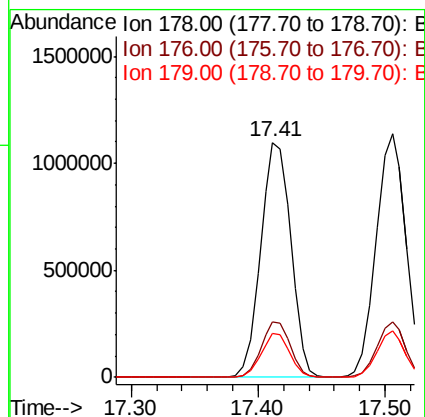
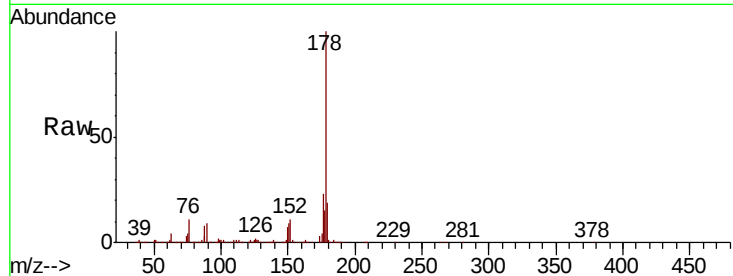
#71
Phenanthrene
Concen: 42.924 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.4	18.6	27.8
179	18.6	14.7	22.1

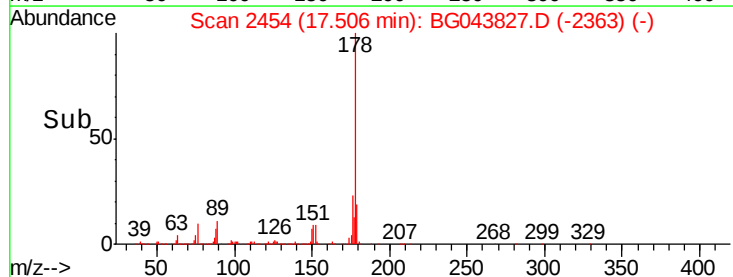
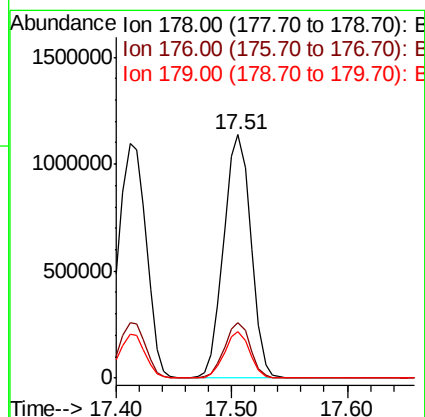
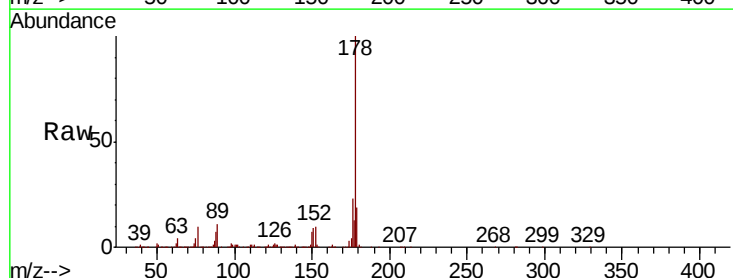
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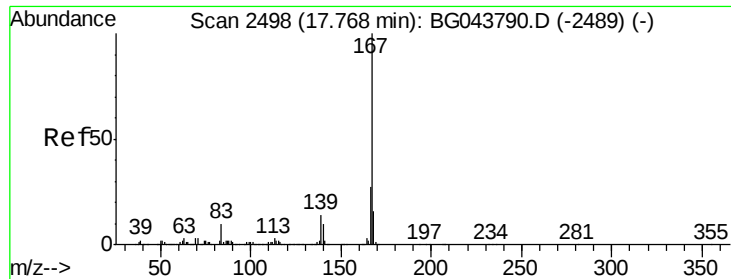
mohammad
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#72
Anthracene
Concen: 44.326 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.9	17.7	26.5
179	19.0	14.5	21.7





#73

Carbazole

Concen: 43.556 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tot Ion:167 Resp: 1708711

Ion Ratio Lower Upper

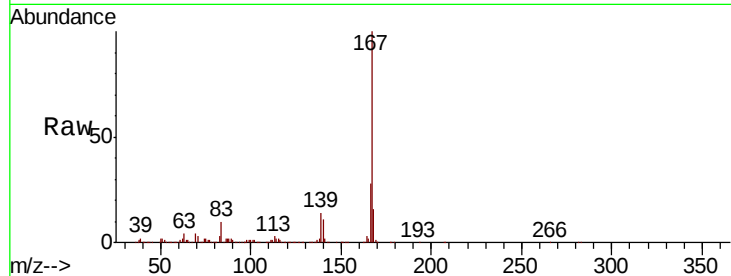
167 100

166 27.7 21.4 32.2

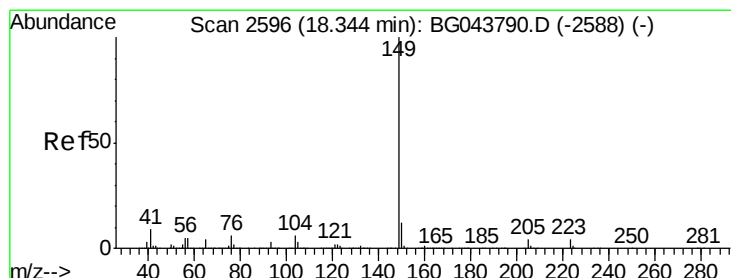
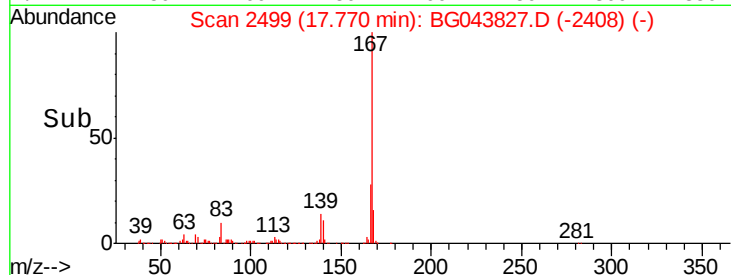
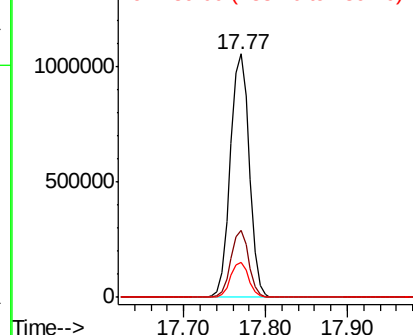
139 14.3 11.0 16.4

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



#74

Di-n-butylphthalate

Concen: 43.123 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

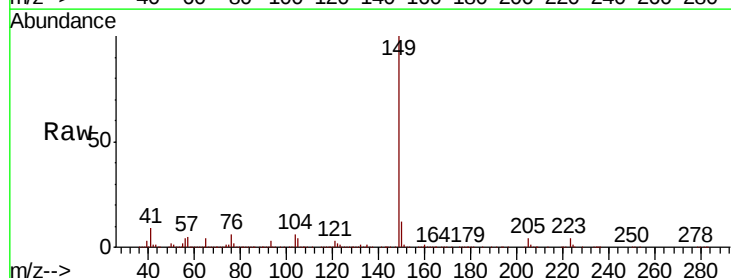
Tgt Ion:149 Resp: 1939406

Ion Ratio Lower Upper

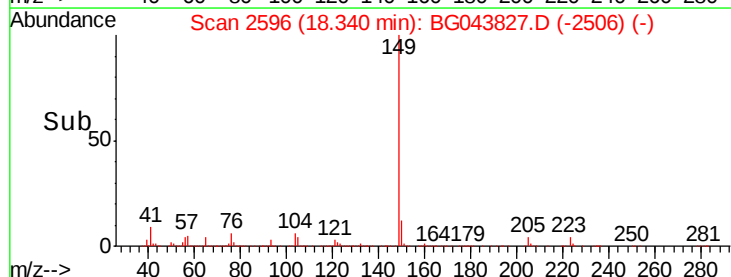
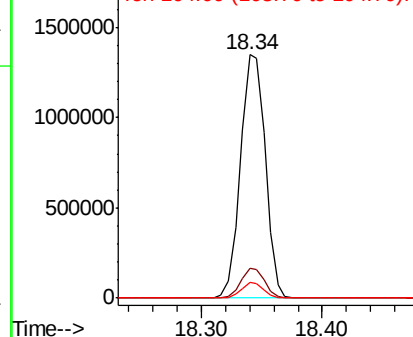
149 100

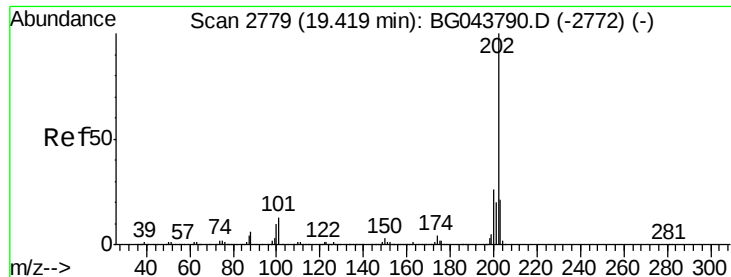
150 12.1 9.4 14.0

104 6.4 4.8 7.2



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





#75

Fluoranthene

Concen: 43.028 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tot Ion:202 Resp: 2087862

Ion Ratio Lower Upper

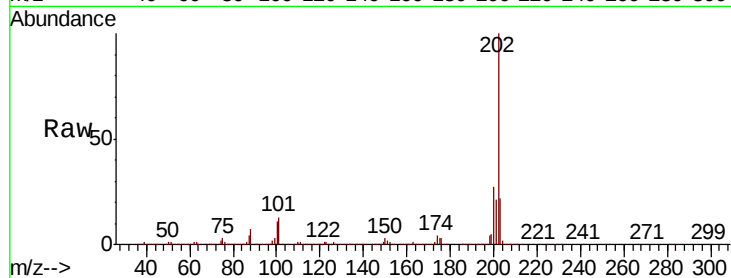
202 100

101 12.8 0.0 32.7

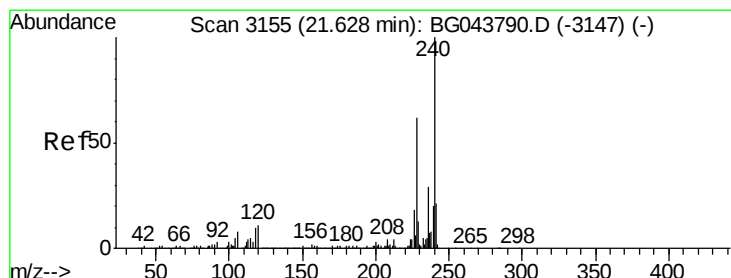
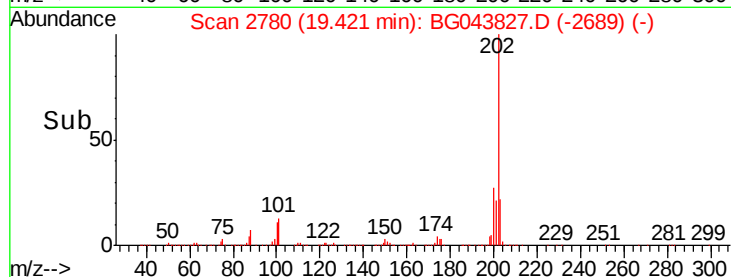
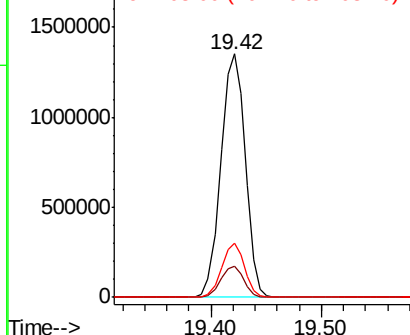
203 22.4 1.0 41.0

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

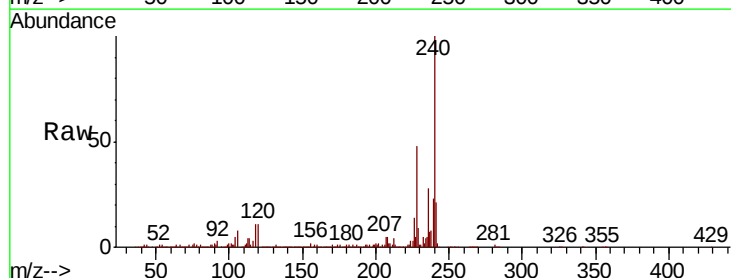
Tgt Ion:240 Resp: 750500

Ion Ratio Lower Upper

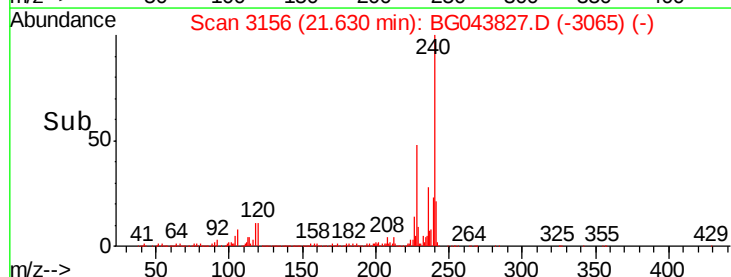
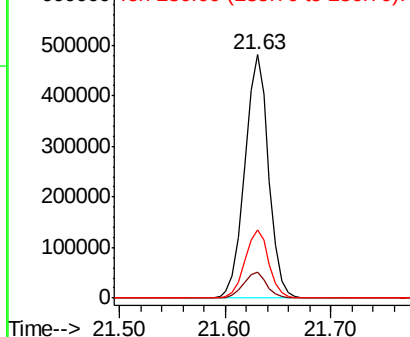
240 100

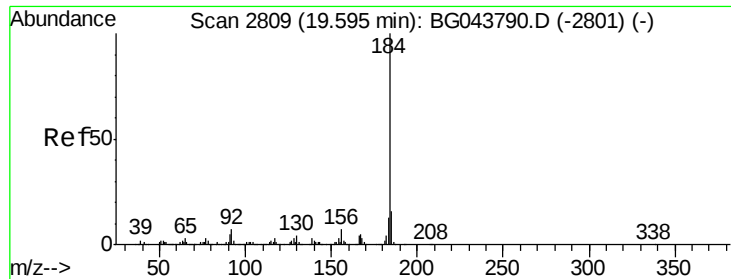
120 10.6 8.6 12.8

236 28.0 23.1 34.7



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





#77

Benzidine

Concen: 24.391 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

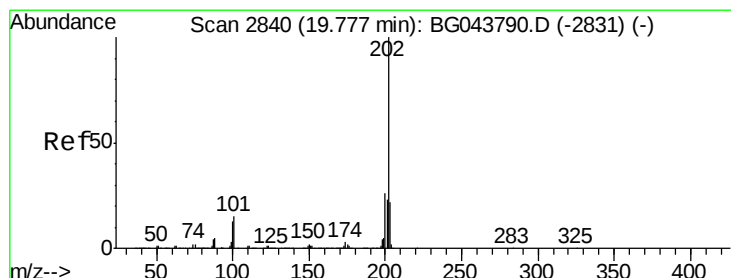
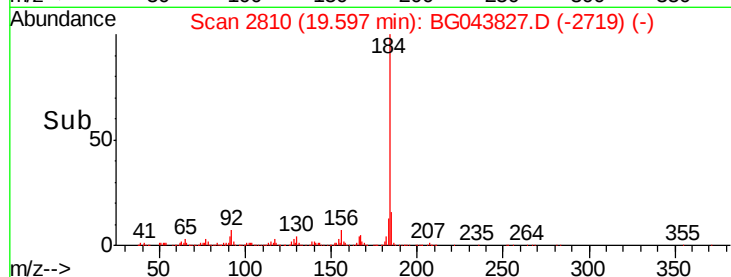
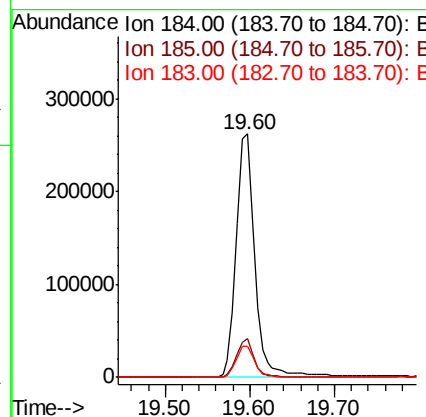
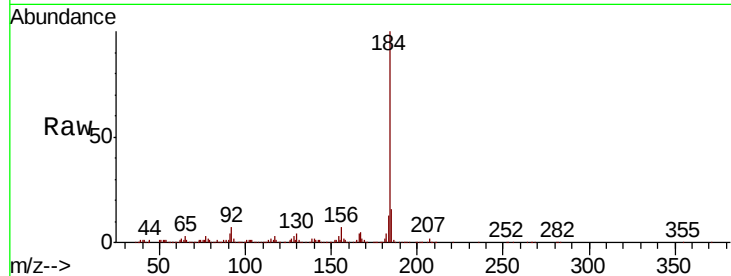
ClientSampleId :

TP-1MS

Tot Ion:	184	Resp:	399350
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.9	19.3
183	13.0	10.3	15.5

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#78

Pyrene

Concen: 42.973 ng

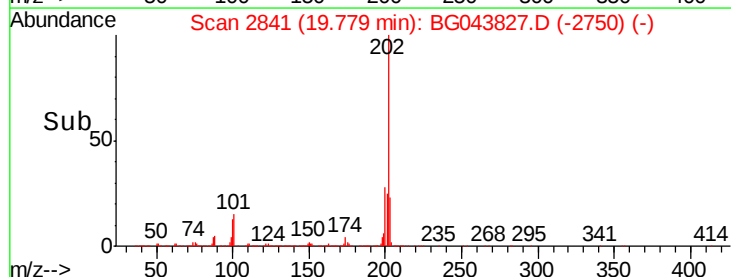
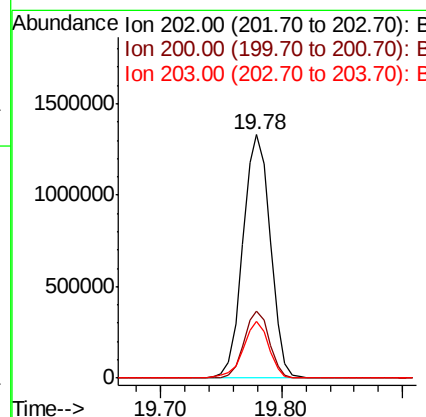
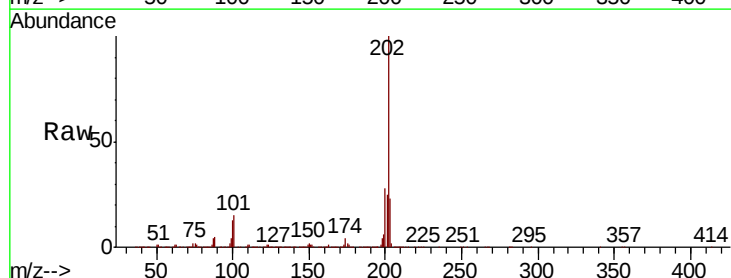
RT: 19.78 min Scan# 2841

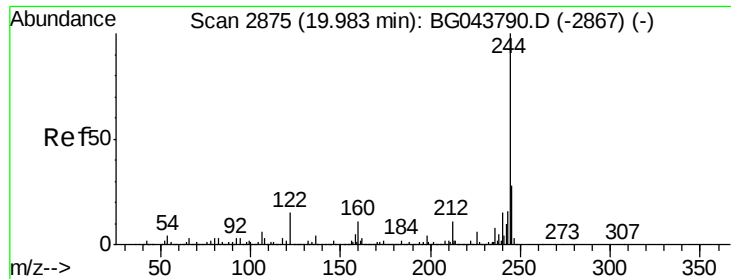
Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion:	202	Resp:	2107662
Ion Ratio	Lower	Upper	
202	100		
200	27.6	20.8	31.2
203	23.2	17.7	26.5





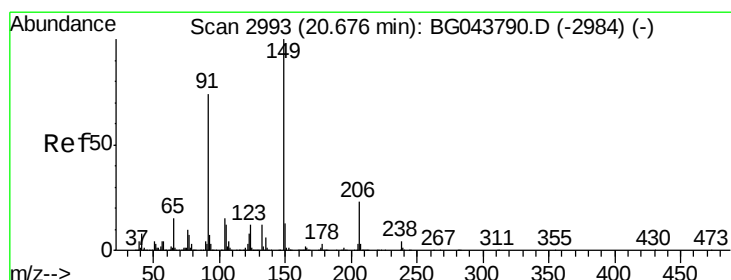
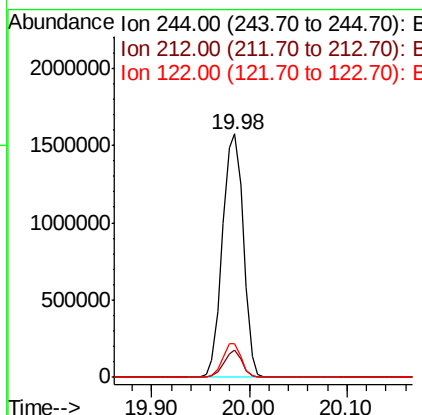
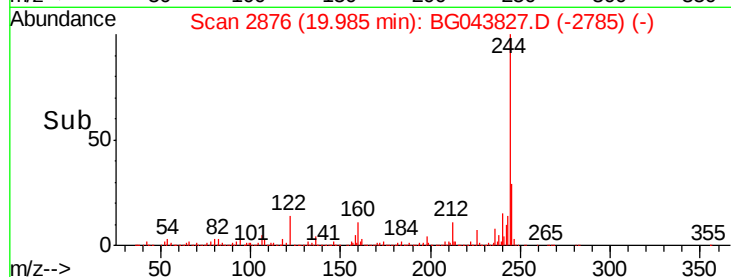
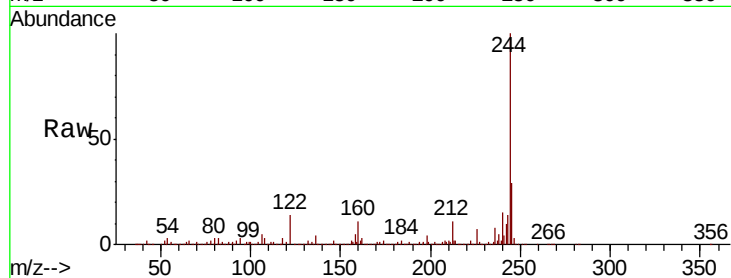
#79
 Terphenyl-d14
 Concen: 74.841 ng
 RT: 19.98 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: BG043827.D
 Acq: 17 Dec 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Tot Ion:244 Resp: 2334716
 Ion Ratio Lower Upper
 244 100
 212 11.4 9.1 13.7
 122 13.8 11.6 17.4

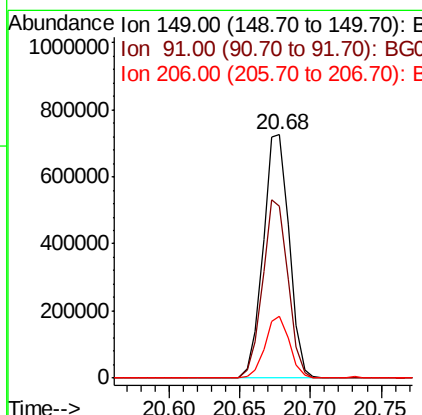
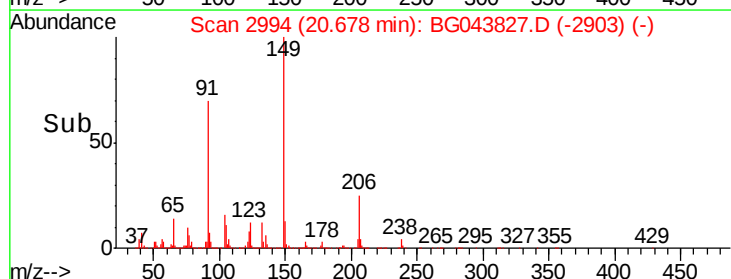
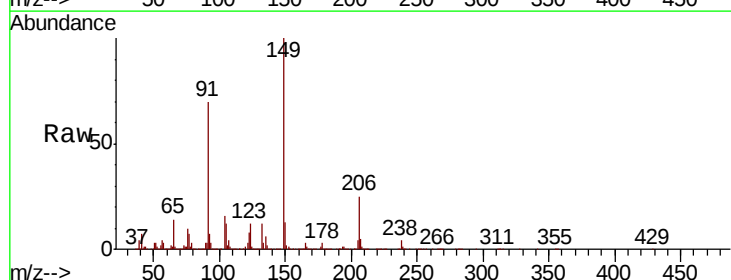
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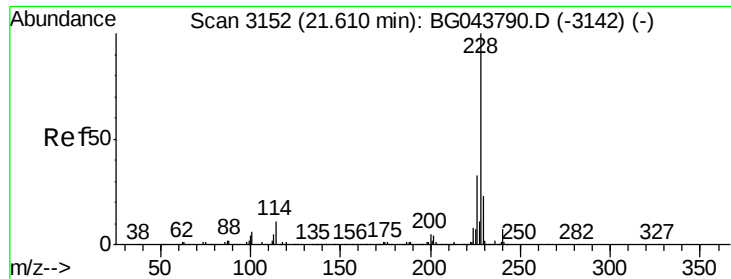
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#80
 Butylbenzylphthalate
 Concen: 46.241 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. 0.00 min
 Lab File: BG043827.D
 Acq: 17 Dec 2019 19:59

Tgt Ion:149 Resp: 944559
 Ion Ratio Lower Upper
 149 100
 91 70.4 59.0 88.4
 206 25.5 18.6 28.0





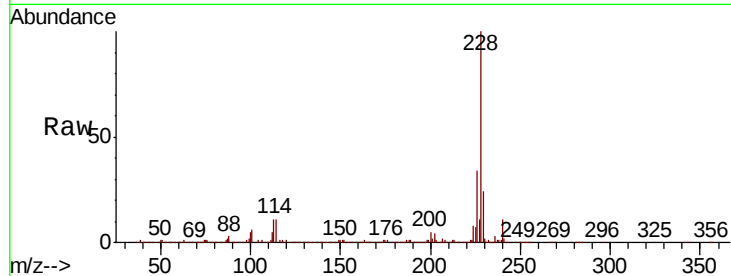
#81
Benzo(a)anthracene
Concen: 42.595 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.1	39.1
229	24.1	18.6	27.8

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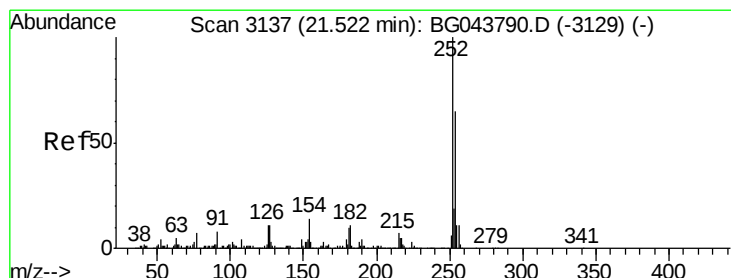
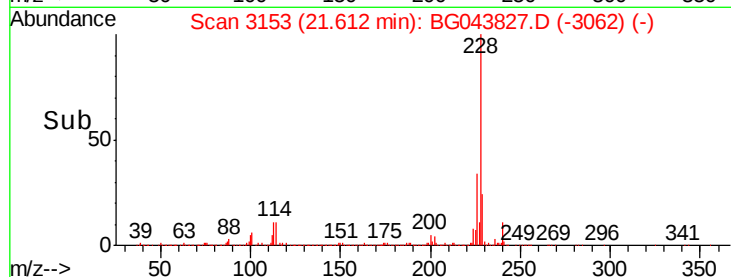
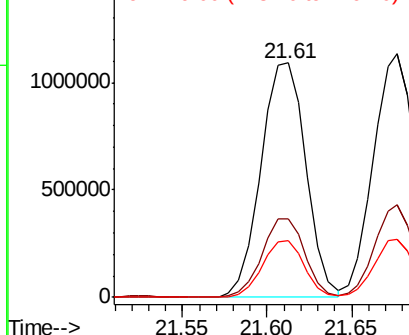


Abundance

Ion 228.00 (227.70 to 228.70): E

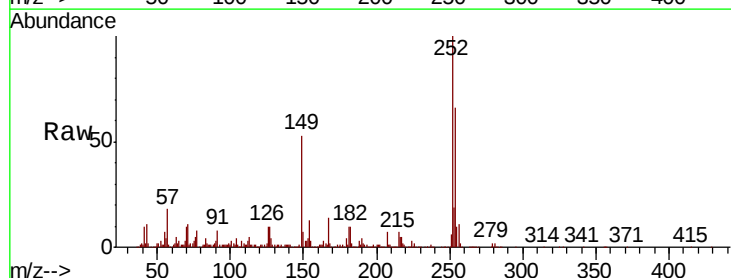
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 27.309 ng
RT: 21.52 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.2	78.2
126	9.7	8.7	13.1

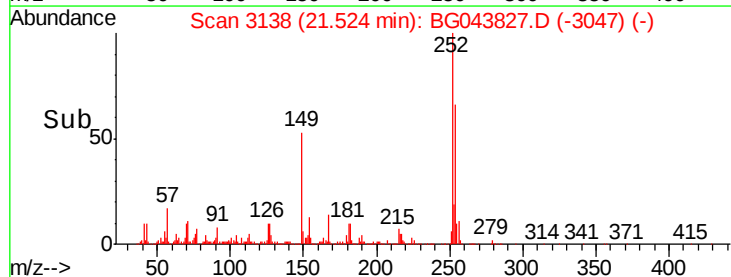
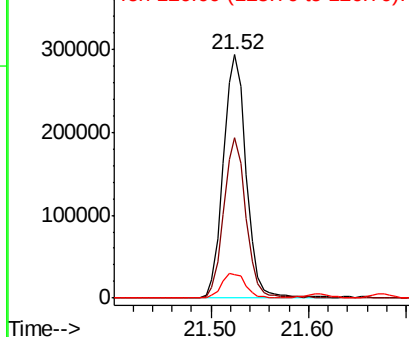


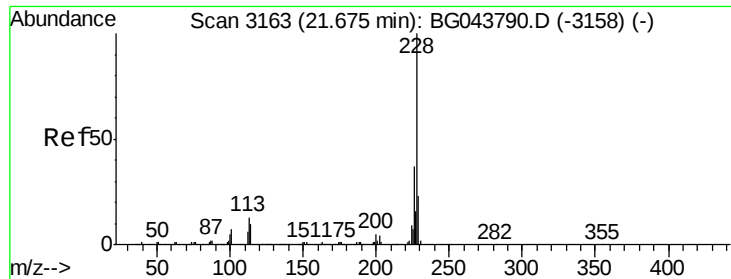
Abundance

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: 43.243 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampled :

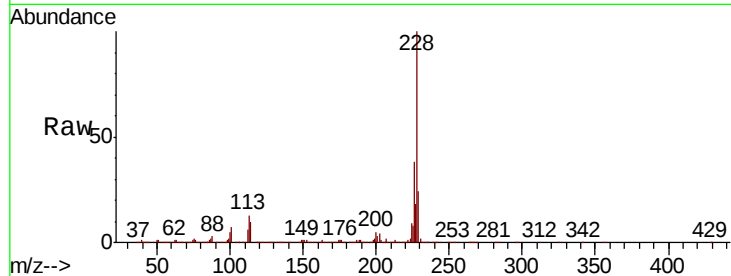
TP-1MS

Tot Ion:228 Resp: 1951481

Ion	Ratio	Lower	Upper
228	100		
226	38.0	29.1	43.7
229	23.9	18.6	28.0

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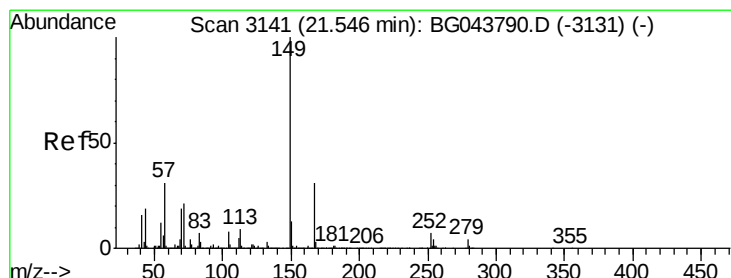
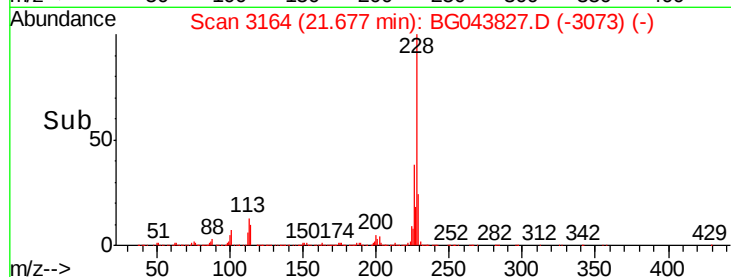
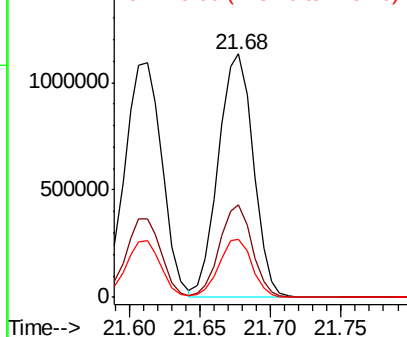


Abundance

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: 44.528 ng

RT: 21.54 min Scan# 3141

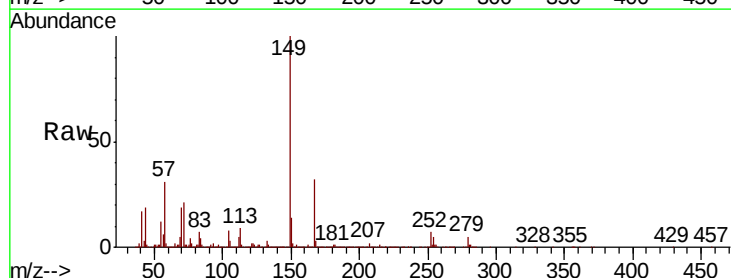
Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion:149 Resp: 1304653

Ion	Ratio	Lower	Upper
149	100		
167	32.3	25.1	37.7
279	4.8	3.5	5.3

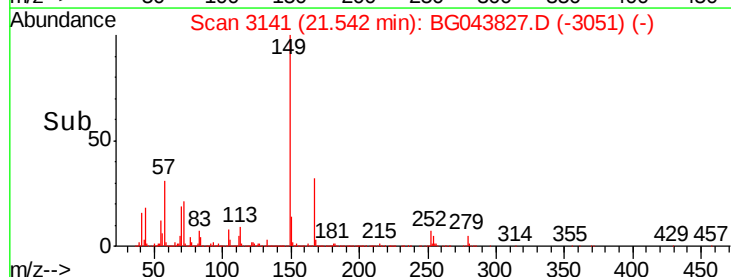
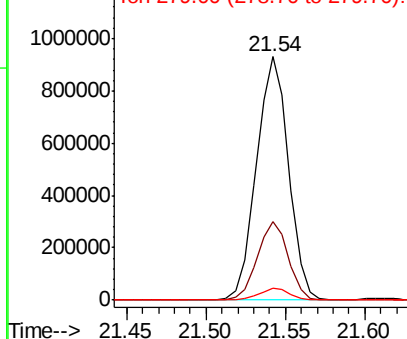


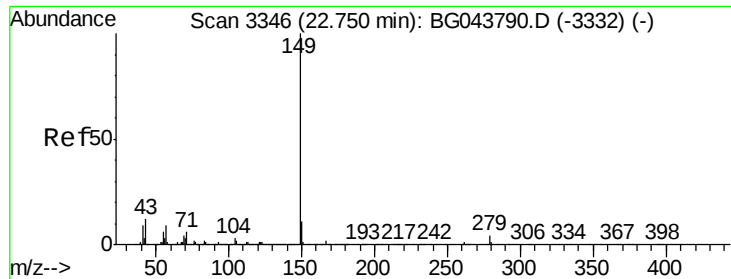
Abundance

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: 46.484 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

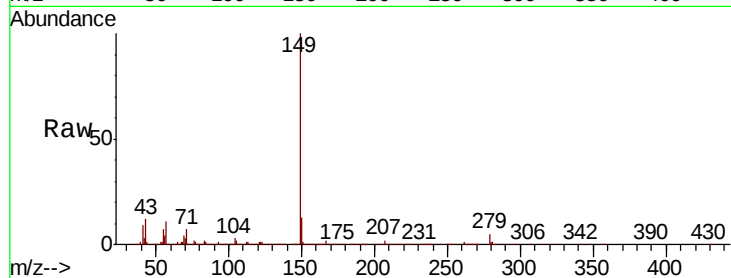
ClientSampleId :

TP-1MS

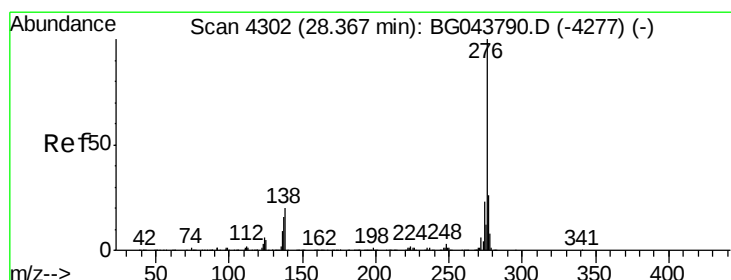
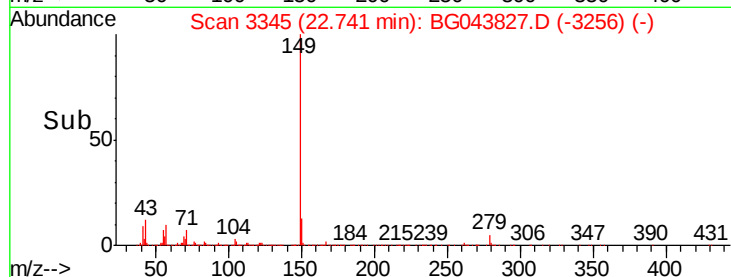
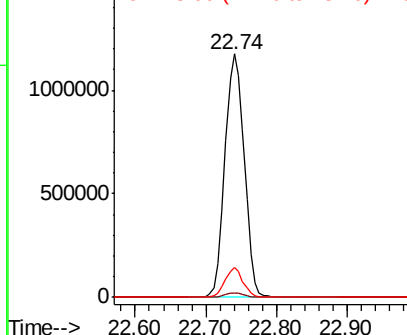
Tot Ion:	149	Resp:	2226539
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	11.1	8.8	13.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.746 ng

RT: 28.37 min Scan# 4303

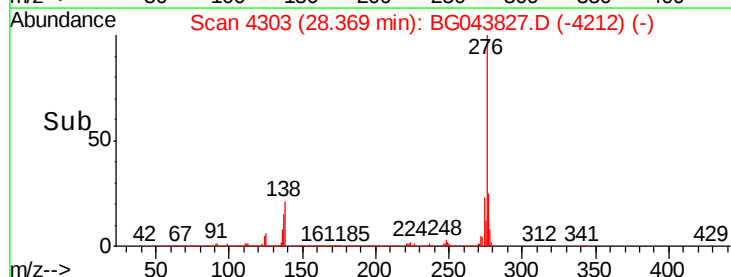
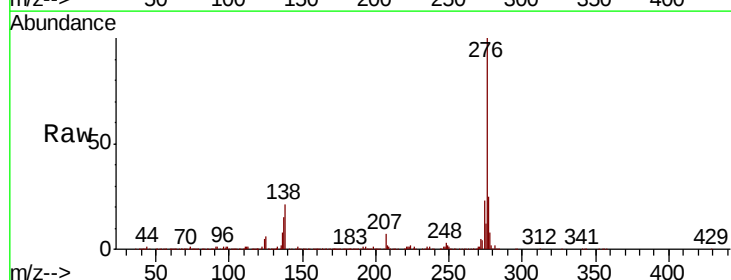
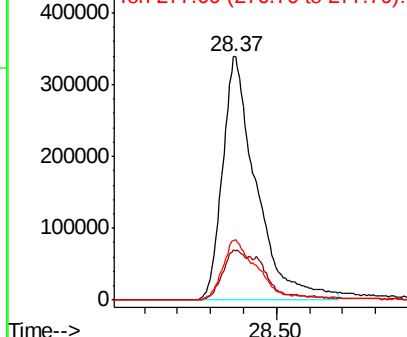
Delta R.T. 0.00 min

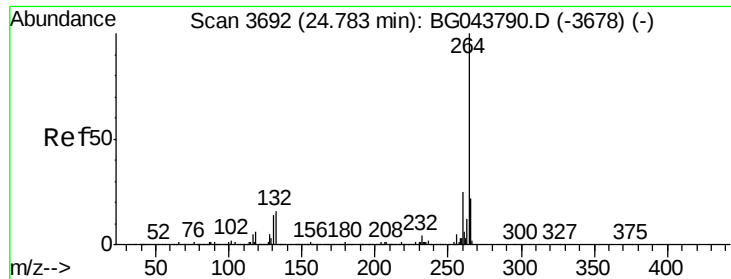
Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion:	276	Resp:	2411278
Ion	Ratio	Lower	Upper
276	100		
138	13.7	14.6	21.8#
277	24.9	21.2	31.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





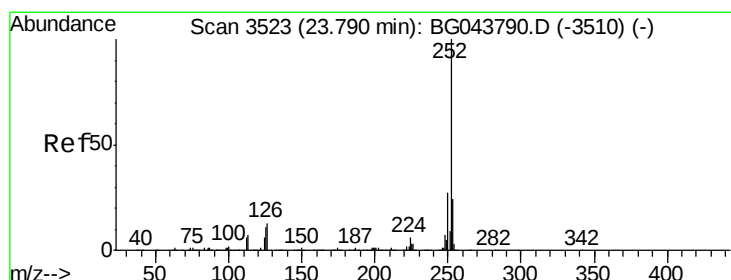
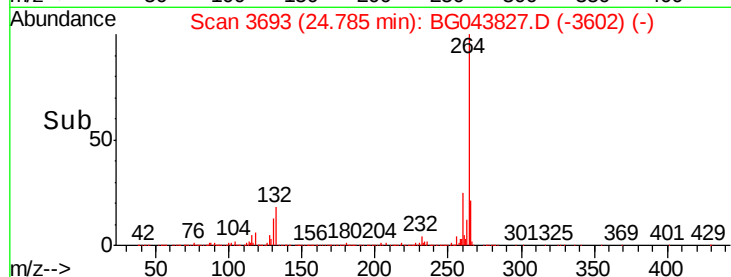
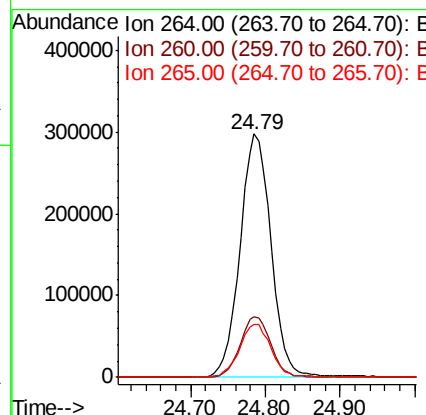
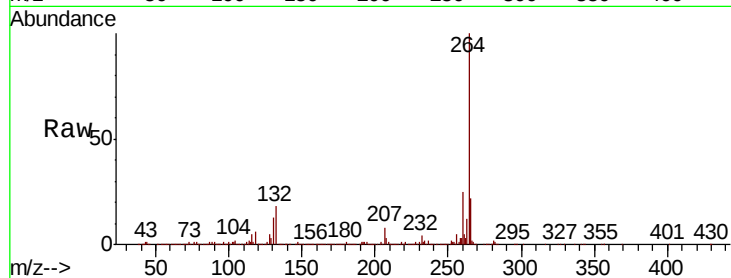
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	21.8	17.9	26.9

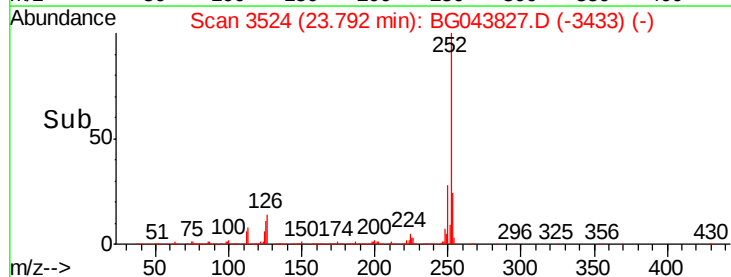
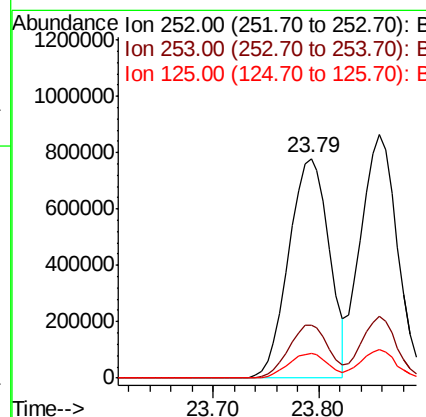
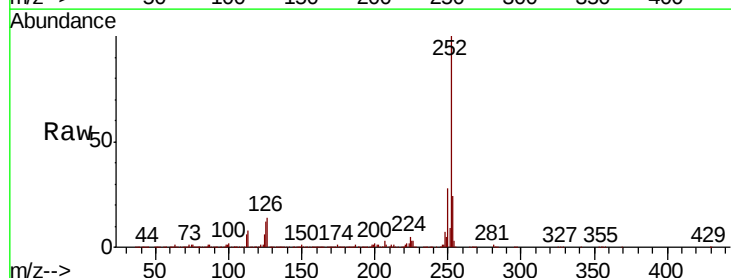
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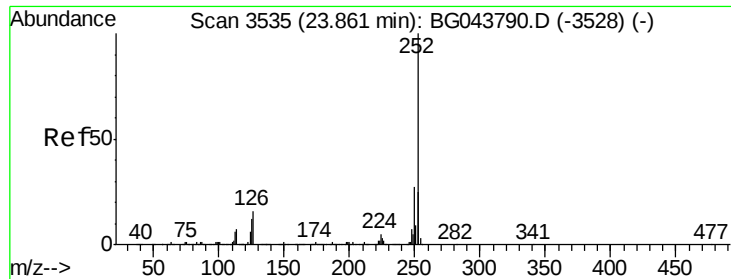
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#88
Benzo(b)fluoranthene
Concen: 42.116 ng
RT: 23.79 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.5	29.3
125	11.5	9.0	13.4





#89

Benzo(k)fluoranthene

Concen: 43.896 ng

RT: 23.86 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tot Ion:252 Resp: 2094821

Ion Ratio Lower Upper

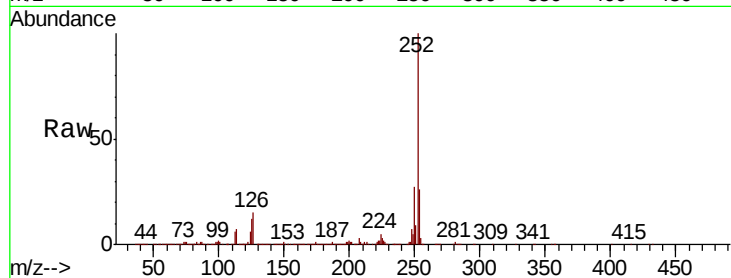
252 100

253 25.5 19.4 29.0

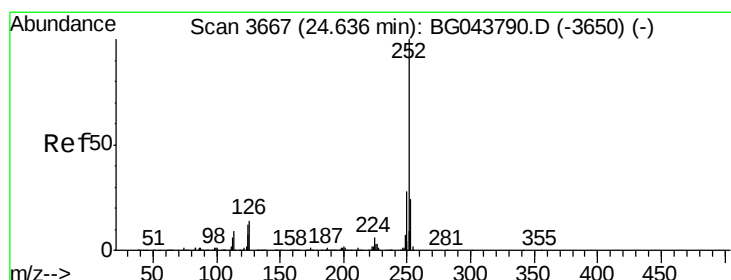
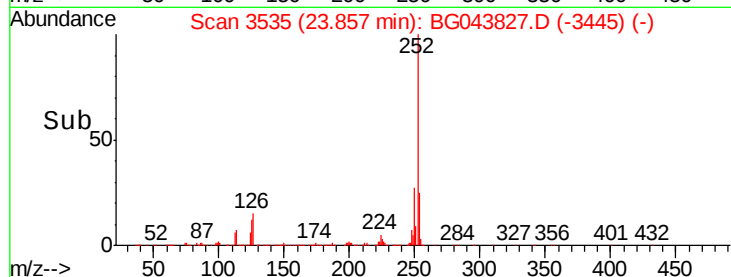
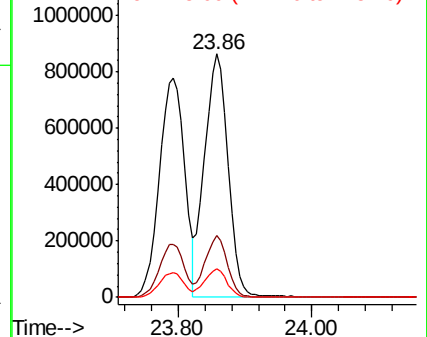
125 11.6 8.9 13.3

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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



#90

Benzo(a)pyrene

Concen: 44.220 ng

RT: 24.64 min Scan# 3669

Delta R.T. 0.01 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

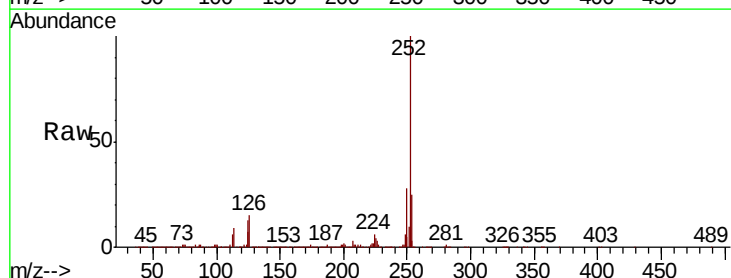
Tgt Ion:252 Resp: 2081822

Ion Ratio Lower Upper

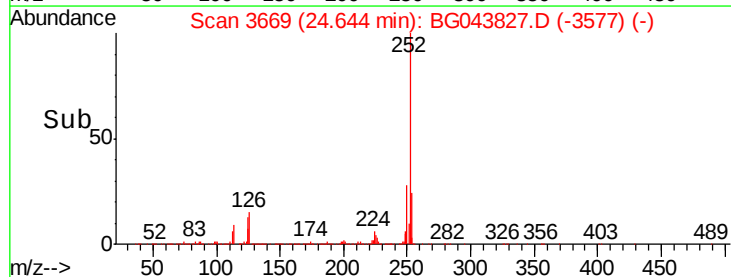
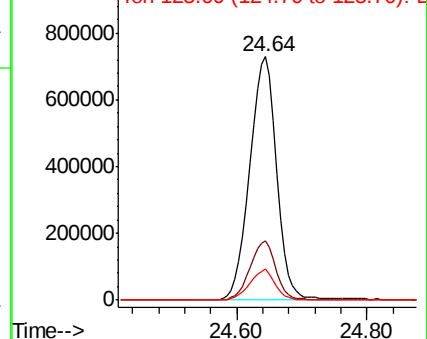
252 100

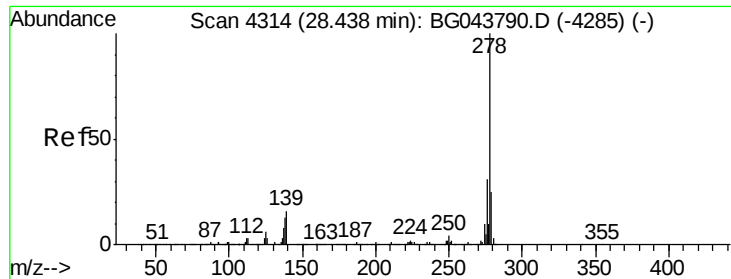
253 24.5 19.1 28.7

125 12.9 9.4 14.0



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





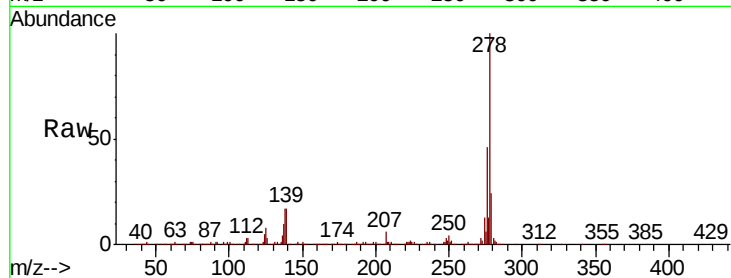
#91
Dibenzo(a,h)anthracene
Concen: 41.711 ng
RT: 28.44 min Scan# 4315
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.2	19.8
279	24.4	19.8	29.6

Manual Integrations
APPROVED

mohammad
12/18/2019 2:40:47 PM

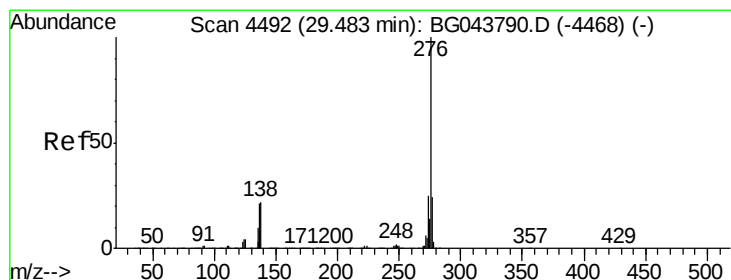
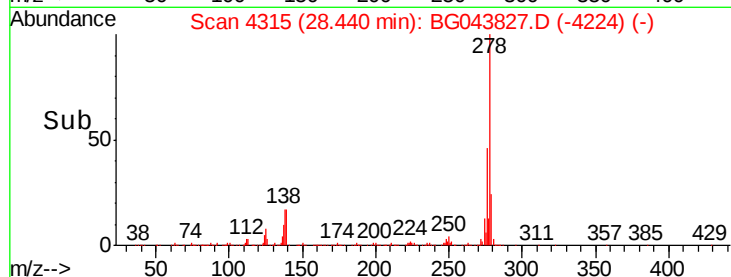
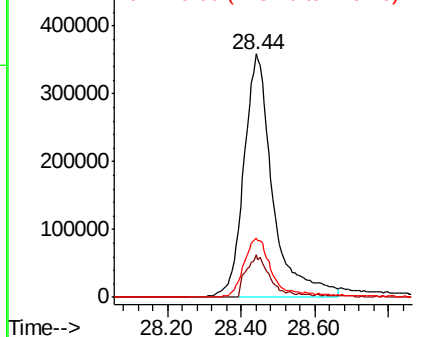


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.209 ng
RT: 29.49 min Scan# 4493
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	22.3	17.6	26.4

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

