

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043820.D
 Acq On : 17 Dec 2019 15:24
 Operator : JU
 Sample : PB125439BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125439BS

Manual Integrations
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mohammad
 12/18/2019 2:40:42 PM

Quant Time: Dec 18 01:10:03 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	8.01	152	107992	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	512286	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	389584	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	905870	20.00	ng	0.00
76) Chrysene-d12	21.64	240	755233	20.00	ng	0.00
87) Perylene-d12	24.79	264	854937	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	847661	148.72	ng	0.00
7) Phenol-d6	7.17	99	1165989	141.85	ng	0.01
23) Nitrobenzene-d5	9.16	82	727727	79.76	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	497159	133.86	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1712951	77.23	ng	0.00
79) Terphenyl-d14	19.99	244	2534262	80.73	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.48	88	110804	41.981	ng	100
3) Pyridine	3.87	79	282856	38.782	ng	98
4) n-Nitrosodimethylamine	3.79	42	146469	41.884	ng	98
6) Aniline	7.33	93	398933	36.679	ng	98
8) 2-Chlorophenol	7.57	128	350103	52.709	ng	96
9) Benzaldehyde	7.14	77	235093	59.941	ng	90
10) Phenol	7.20	94	454397	53.544	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	317471	44.087	ng	95
12) 1,3-Dichlorobenzene	7.89	146	348362	43.765	ng	98
13) 1,4-Dichlorobenzene	8.04	146	349764	43.960	ng	99
14) 1,2-Dichlorobenzene	8.36	146	331195	43.204	ng	97
15) Benzyl Alcohol	8.24	79	320938	49.062	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.53	45	474210	41.089	ng	98
17) 2-Methylphenol	8.45	107	322381	53.217	ng	100
18) Hexachloroethane	9.09	117	126679	43.816	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	271225	43.160	ng	98
20) 3+4-Methylphenols	8.77	107	451394	53.513	ng	98
22) Acetophenone	8.82	105	493106	38.596	ng	100
24) Nitrobenzene	9.20	77	388000	41.749	ng	99
25) Isophorone	9.73	82	754418	41.402	ng	99
26) 2-Nitrophenol	9.91	139	189228	51.366	ng	97
27) 2,4-Dimethylphenol	9.98	122	365878	56.821	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	468630	40.178	ng	98
29) 2,4-Dichlorophenol	10.46	162	390627	49.400	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	367234	39.233	ng	99
31) Naphthalene	10.86	128	1042429	42.408	ng	99
32) Benzoic acid	10.11	122	207796	46.489	ng	95
33) 4-Chloroaniline	10.96	127	282081	23.668	ng	98
34) Hexachlorobutadiene	11.15	225	210169	37.056	ng	99
35) Caprolactam	11.73	113	156010m	50.273	ng	
36) 4-Chloro-3-methylphenol	12.08	107	428167	50.296	ng	99
37) 2-Methylnaphthalene	12.46	142	830687	43.600	ng	99
38) 1-Methylnaphthalene	12.68	142	791276	43.676	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	423496	36.176	ng	99

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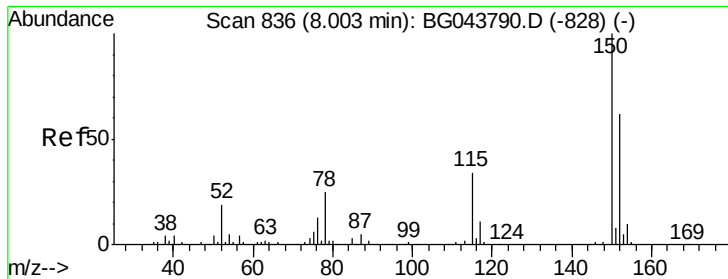
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	548716	99.862	nq	99
43) 2,4,6-Trichlorophenol	13.07	196	343013	46.099	nq	99
44) 2,4,5-Trichlorophenol	13.14	196	380595	48.823	nq	97
46) 1,1'-Biphenyl	13.47	154	1067053	39.729	nq	98
47) 2-Chloronaphthalene	13.51	162	858539	39.101	nq	99
48) 2-Nitroaniline	13.70	65	287338	44.373	nq	98
49) Acenaphthylene	14.36	152	1389510	42.482	nq	99
50) Dimethylphthalate	14.09	163	1152230	41.437	nq	99
51) 2,6-Dinitrotoluene	14.20	165	280383	46.790	nq	98
52) Acenaphthene	14.70	154	985027	45.778	nq	97
53) 3-Nitroaniline	14.53	138	200048	29.173	nq	94
54) 2,4-Dinitrophenol	14.73	184	270464	99.953	nq	92
55) Dibenzofuran	15.03	168	1363683	42.814	nq	100
56) 4-Nitrophenol	14.84	139	517142	103.371	nq	98
57) 2,4-Dinitrotoluene	14.99	165	390254	48.198	nq	95
58) Fluorene	15.68	166	1107423	43.136	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	332491m	47.537	nq	
60) Diethylphthalate	15.46	149	1172671	42.220	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	600027	41.732	nq	99
62) 4-Nitroaniline	15.69	138	286726	40.354	nq	98
63) Azobenzene	15.97	77	1094356	42.888	nq	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	193829	53.983	nq	99
66) n-Nitrosodiphenylamine	15.88	169	1056614	41.967	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	384973	39.750	nq	98
68) Hexachlorobenzene	16.69	284	399739	38.915	nq	98
69) Atrazine	16.84	200	416767	51.924	nq	98
70) Pentachlorophenol	17.03	266	479667	87.786	nq	97
71) Phenanthrene	17.42	178	1762669	41.103	nq	99
72) Anthracene	17.51	178	1830758	43.127	nq	98
73) Carbazole	17.77	167	1632748	41.146	nq	99
74) Di-n-butylphthalate	18.35	149	1873252	41.179	nq	98
75) Fluoranthene	19.42	202	2024176	41.241	nq	98
77) Benzidine	19.60	184	943557	57.267	nq	98
78) Pyrene	19.79	202	2032535	41.182	nq	99
80) Butylbenzylphthalate	20.68	149	904117	43.984	nq	98
81) Benzo(a)anthracene	21.61	228	1976506	41.466	nq	98
82) 3,3'-Dichlorobenzidine	21.53	252	606486	34.443	nq	99
83) Chrysene	21.68	228	1873498	41.255	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1241524	42.108	nq	98
85) Di-n-octyl phthalate	22.75	149	2145090	44.503	nq	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	2140675	36.829	nq	# 93
88) Benzo(b)fluoranthene	23.80	252	1961136	39.841	nq	100
89) Benzo(k)fluoranthene	23.86	252	1999164	42.043	nq	99
90) Benzo(a)pyrene	24.65	252	1894424	40.384	nq	99
91) Dibenzo(a,h)anthracene	28.45	278	1652319	35.264	nq	100
92) Benzo(g,h,i)perylene	29.50	276	1637184	35.408	nq	99

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



#1

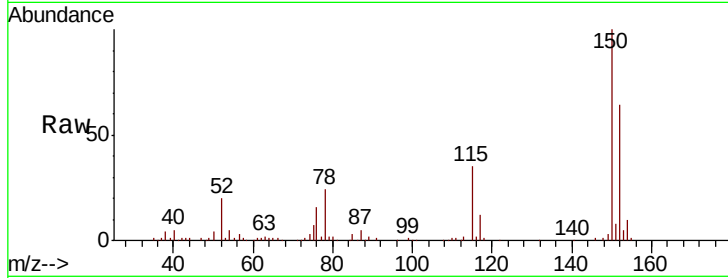
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	128.6	192.8
115	55.3	44.3	66.5

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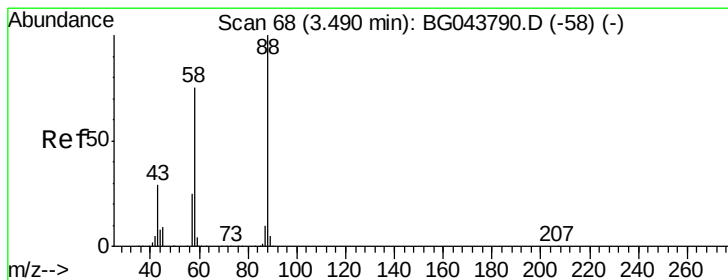
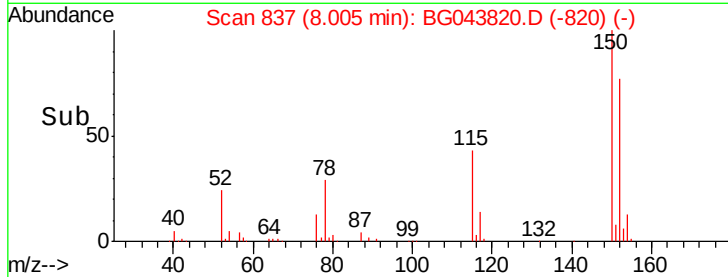
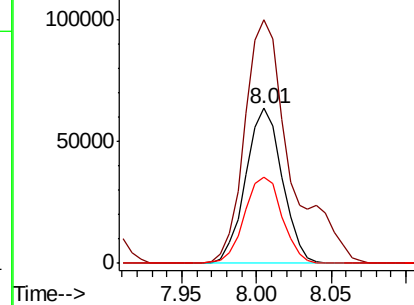


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

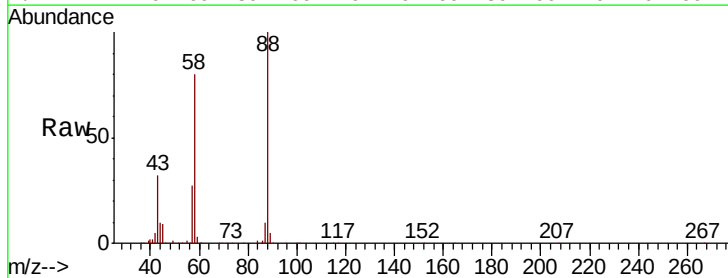
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.981 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.0	62.2	93.4
43	31.0	24.3	36.5

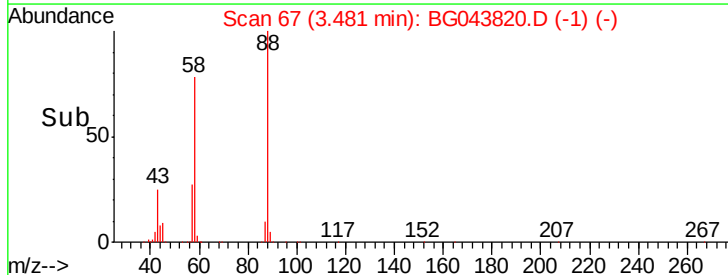
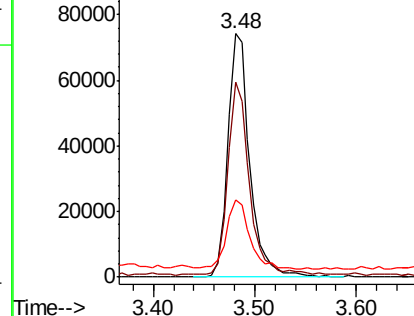


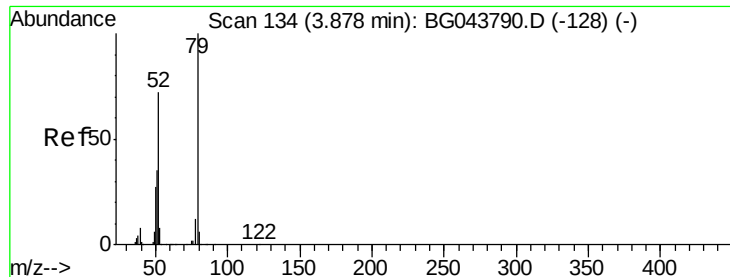
Abundance

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: 38.782 ng

RT: 3.87 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

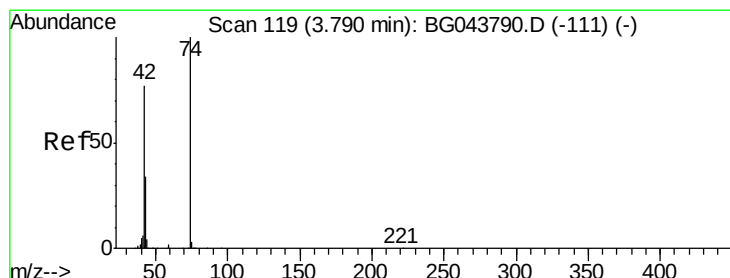
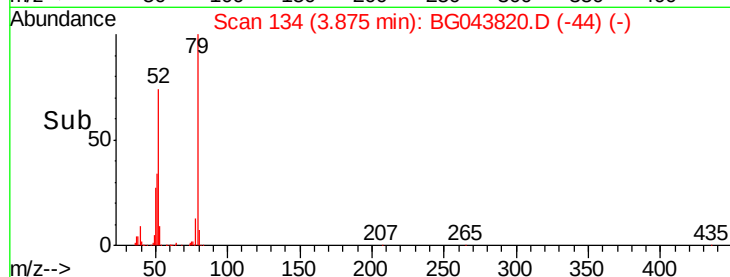
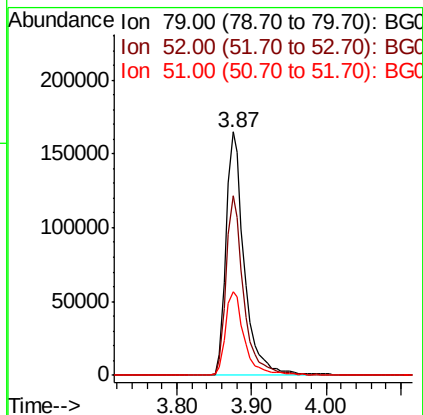
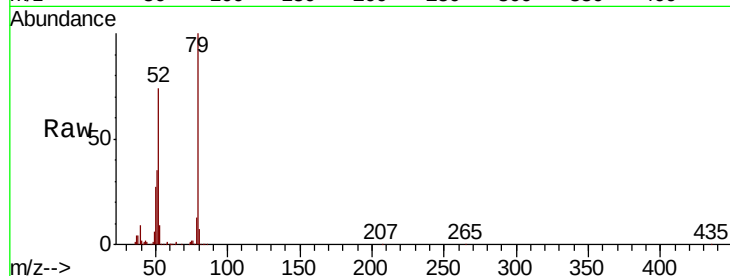
ClientSampleId :

PB125439BS

Tot Ion:	79	Resp:	282856
Ion Ratio	Lower	Upper	
79	100		
52	74.0	57.6	86.4
51	34.6	27.8	41.8

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#4

n-Nitrosodimethylamine

Concen: 41.884 ng

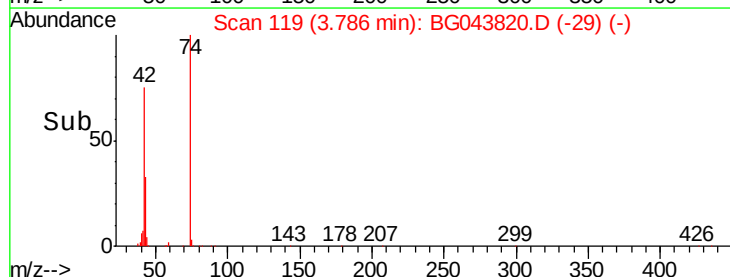
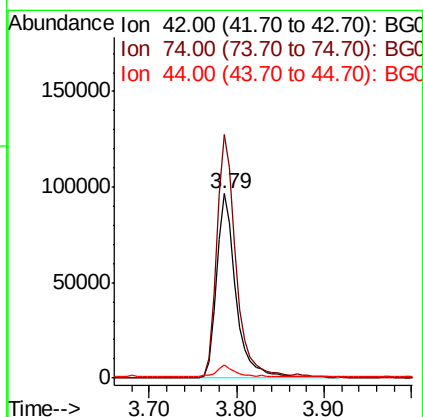
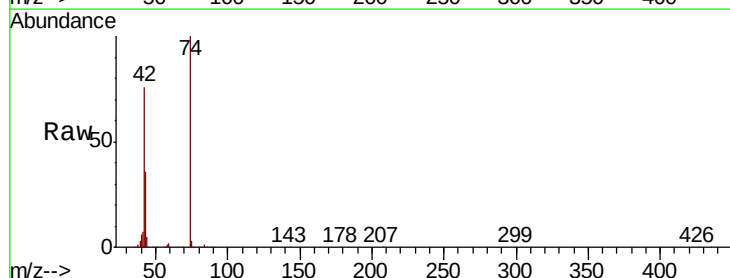
RT: 3.79 min Scan# 119

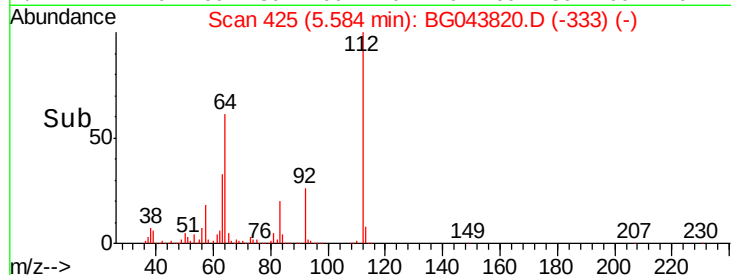
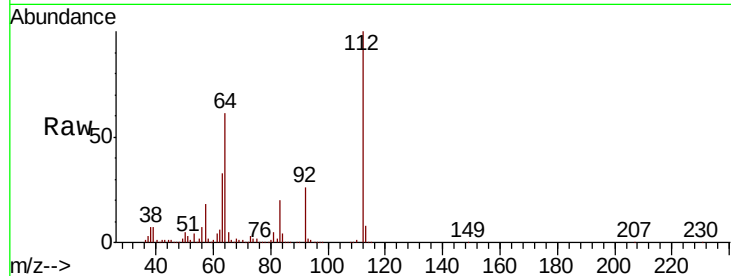
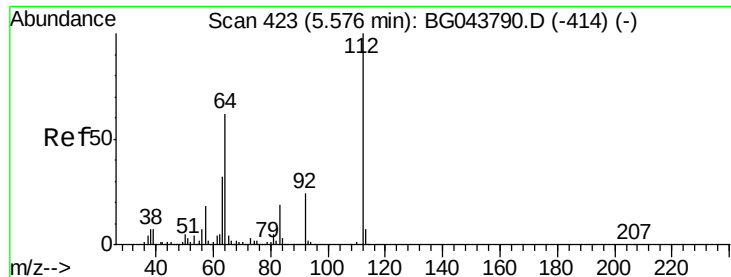
Delta R.T. -0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Tgt Ion:	42	Resp:	146469
Ion Ratio	Lower	Upper	
42	100		
74	132.2	104.2	156.4
44	7.2	5.6	8.4





#5

2-Fluorophenol

Concen: 148.722 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Tot Ion:	112	Resp:	847661
Ion Ratio	Lower	Upper	
112	100		
64	61.2	49.9	74.9
63	32.6	26.0	39.0

Instrument :

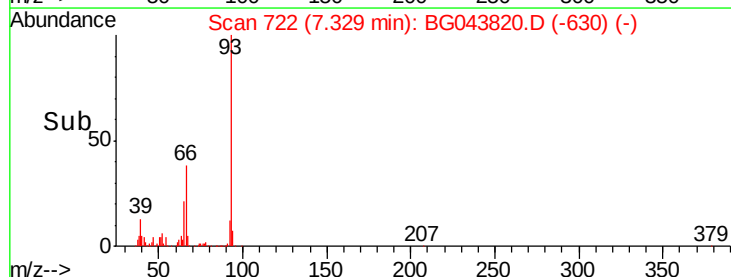
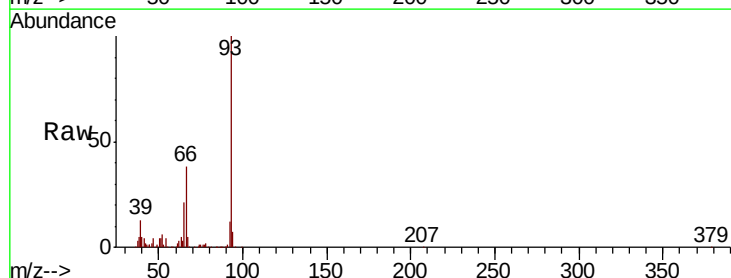
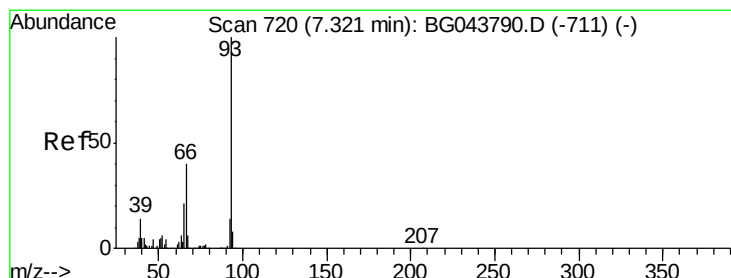
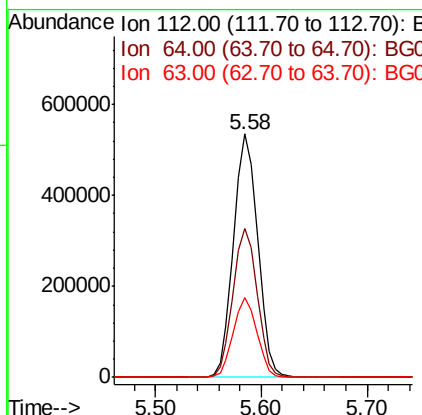
BNA_G

ClientSampleId :

PB125439BS

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#6

Aniline

Concen: 36.679 ng

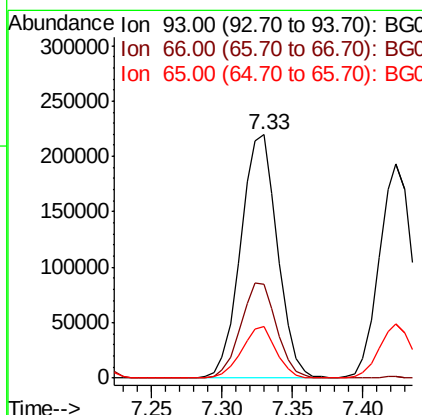
RT: 7.33 min Scan# 722

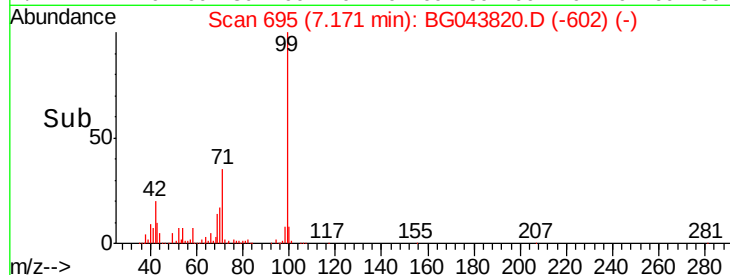
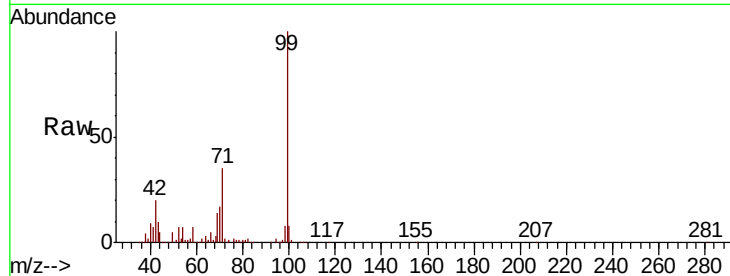
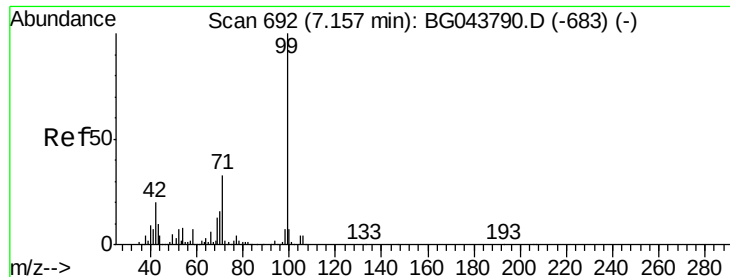
Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Tgt Ion:	93	Resp:	398933
Ion Ratio	Lower	Upper	
93	100		
66	38.4	31.9	47.9
65	21.1	16.8	25.2





#7

Phenol-d6

Concen: 141.849 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Tot Ion: 99 Resp: 1165989

Ion Ratio Lower Upper

99 100

42 20.2 16.2 24.2

71 34.6 26.6 40.0

Instrument :

BNA_G

ClientSampleId :

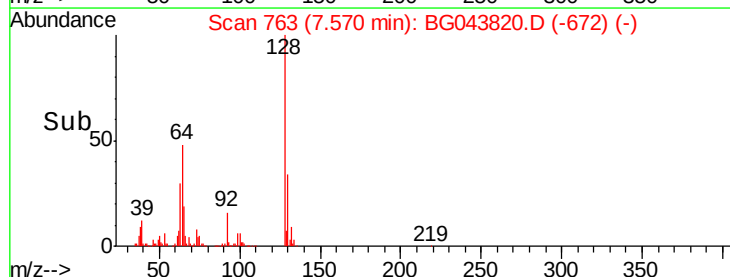
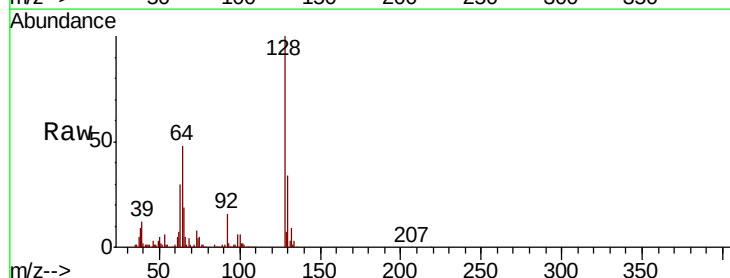
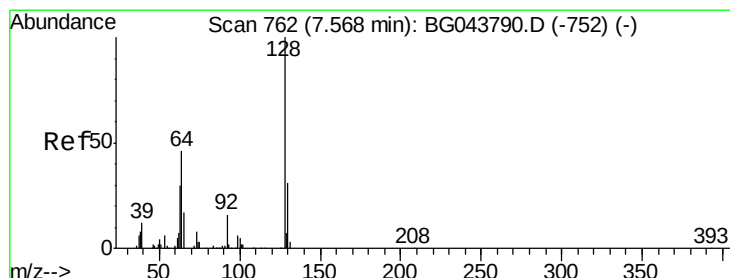
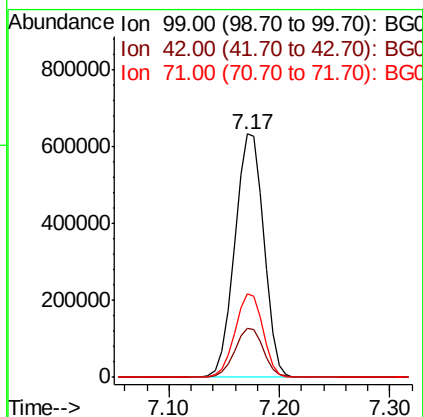
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#8

2-Chlorophenol

Concen: 52.709 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

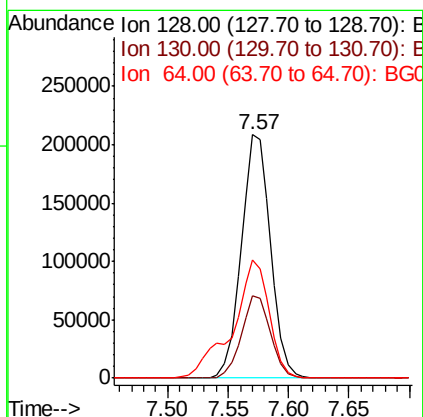
Tgt Ion:128 Resp: 350103

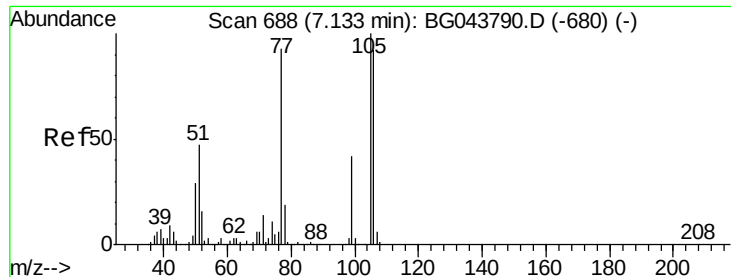
Ion Ratio Lower Upper

128 100

130 33.7 11.1 51.1

64 48.3 26.5 66.5





#9

Benzaldehyde

Concen: 59.941 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

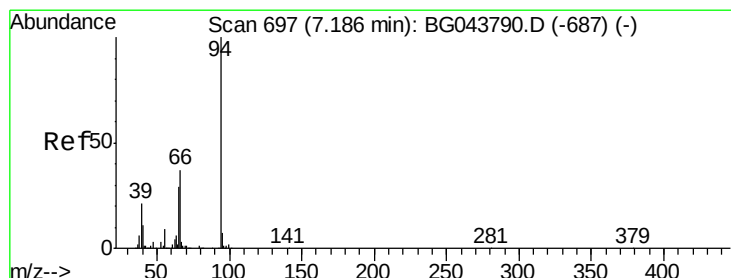
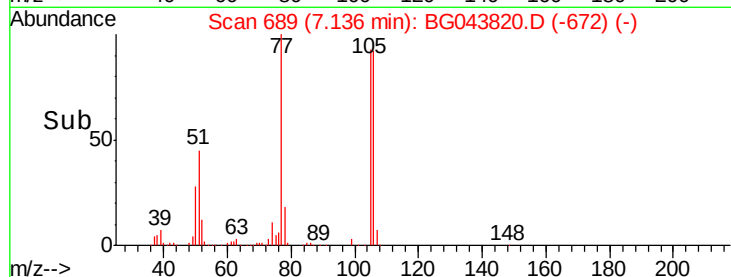
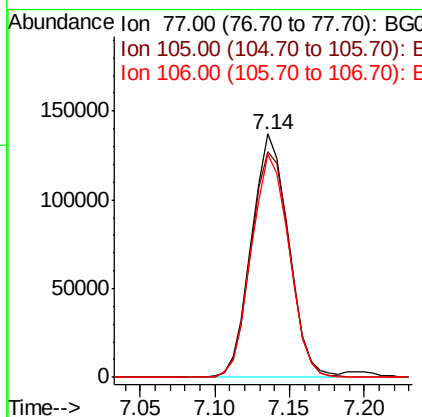
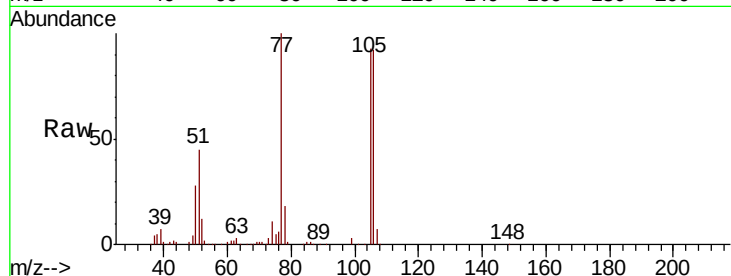
ClientSampleId :

PB125439BS

Tot Ion:	77	Resp:	235093
Ion	Ratio	Lower	Upper
77	100		
105	92.7	87.1	127.1
106	91.6	78.2	118.2

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#10

Phenol

Concen: 53.544 ng

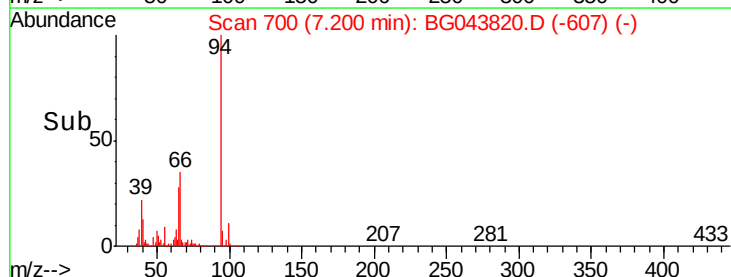
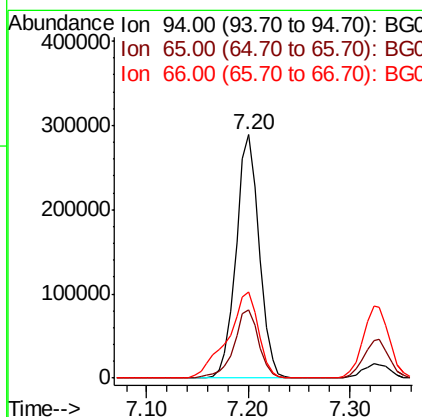
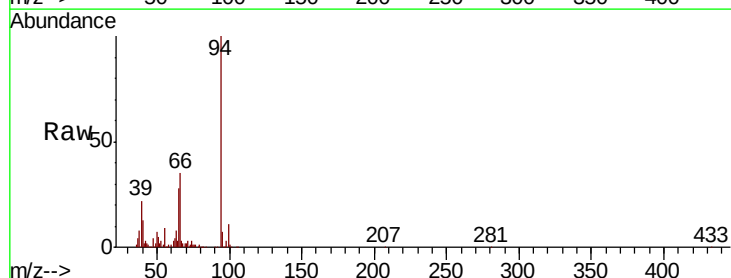
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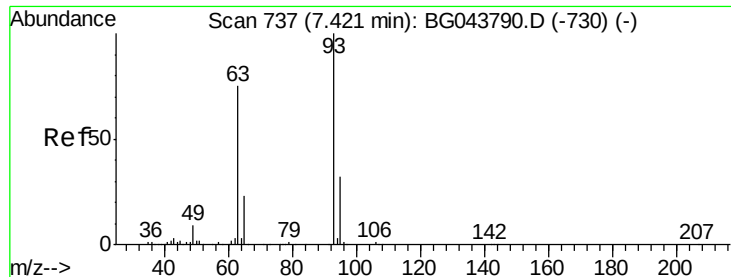
Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Tgt Ion:	94	Resp:	454397
Ion	Ratio	Lower	Upper
94	100		
65	27.8	9.5	49.5
66	35.4	16.8	56.8





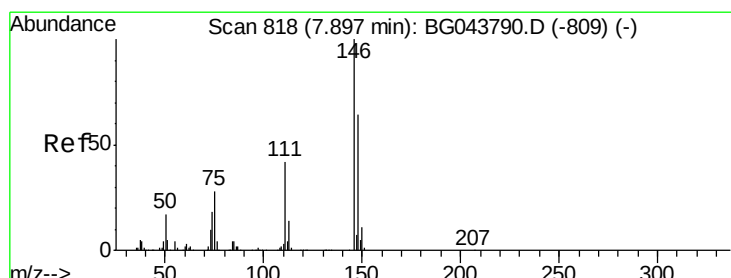
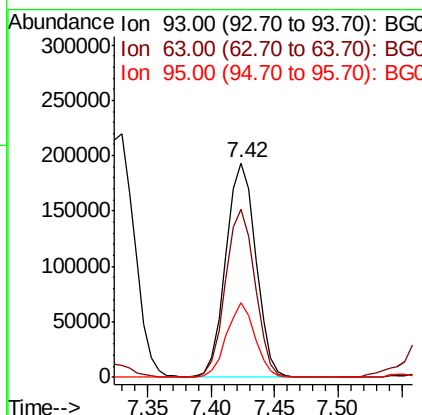
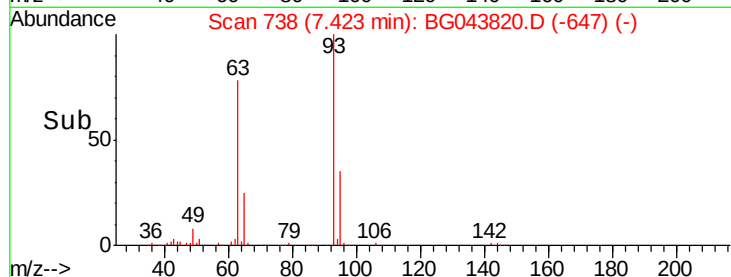
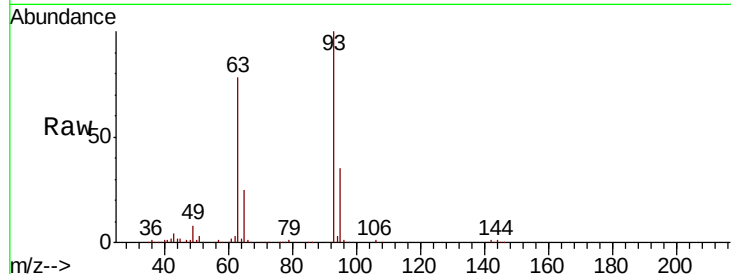
#11
bis(2-Chloroethyl)ether
Concen: 44.087 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.5	54.7	94.7
95	34.5	11.3	51.3

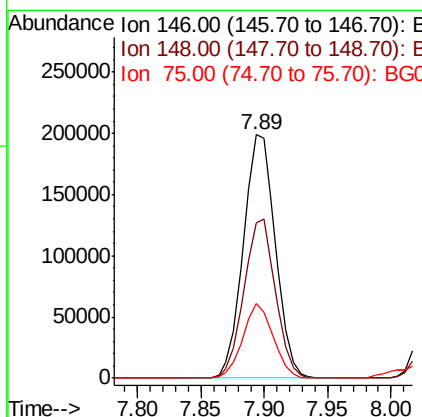
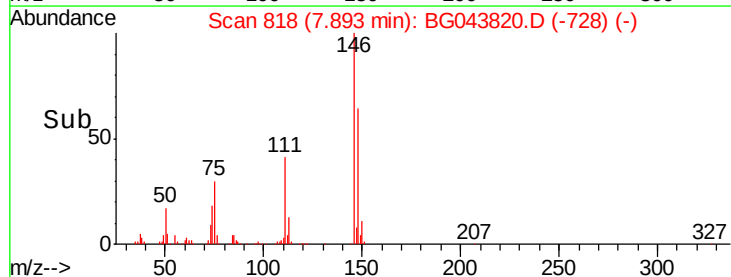
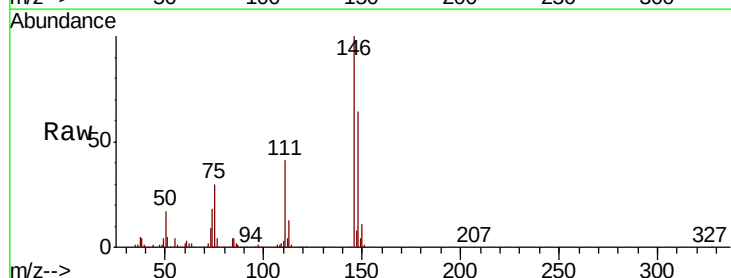
Manual Integrations
APPROVED

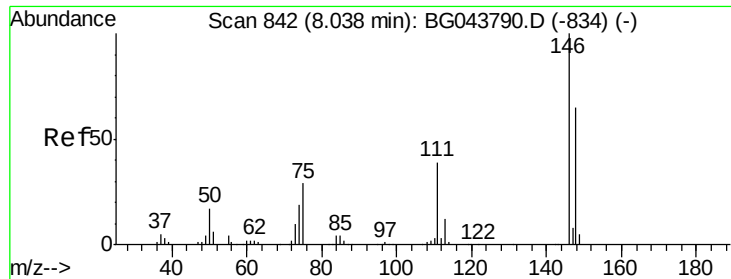
mohammad
12/18/2019 2:40:42 PM



#12
1,3-Dichlorobenzene
Concen: 43.765 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
75	30.5	22.4	33.6





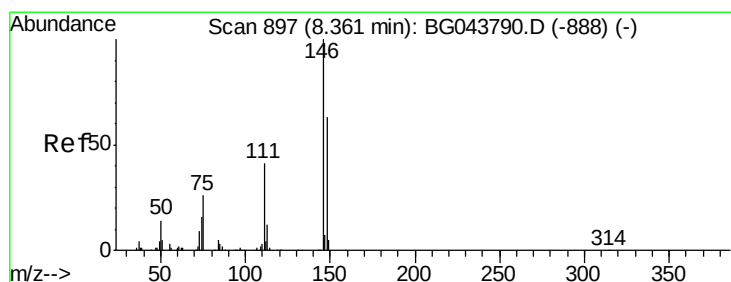
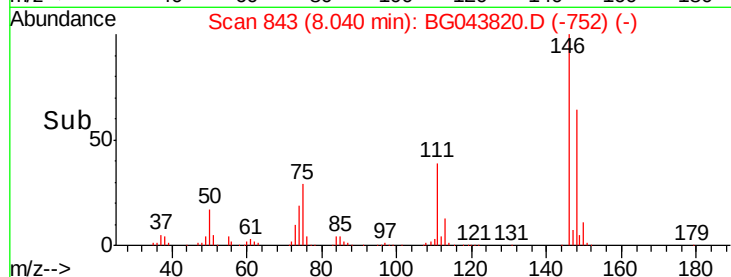
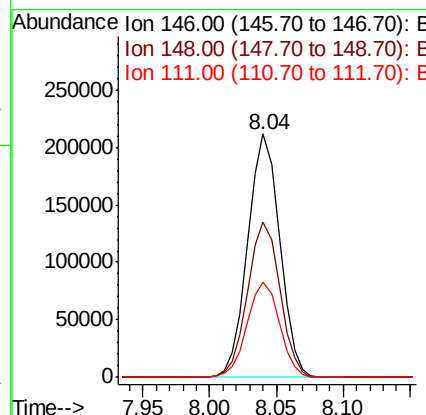
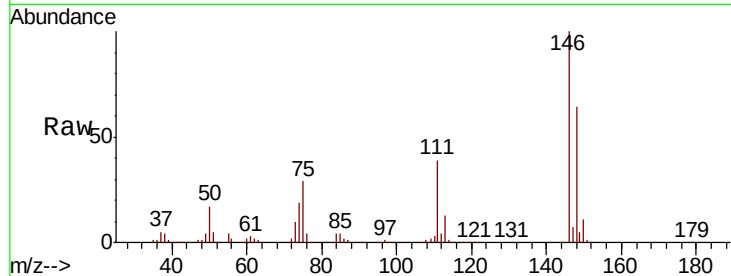
#13
 1,4-Dichlorobenzene
 Concen: 43.960 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Instrument :
 BNA_G
 ClientSampleID :
 PB125439BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
111	39.2	31.4	47.2

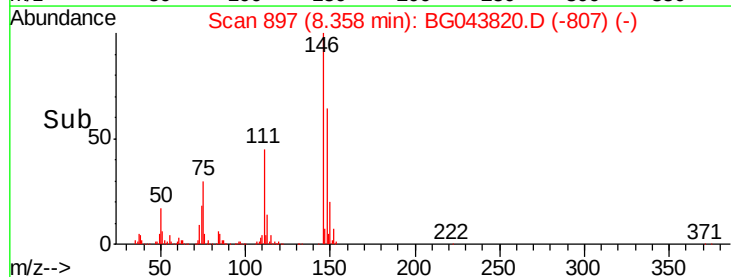
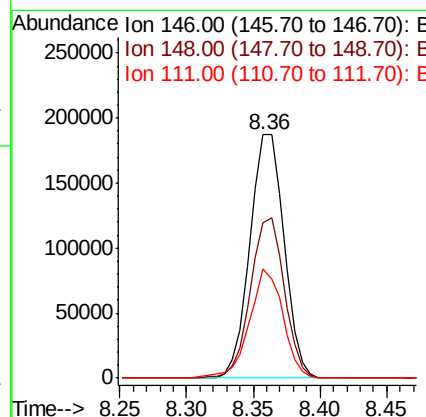
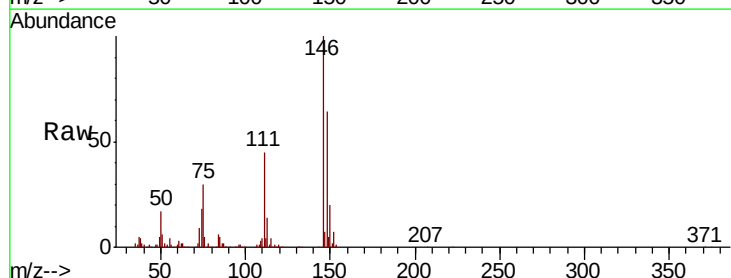
Manual Integrations
 APPROVED

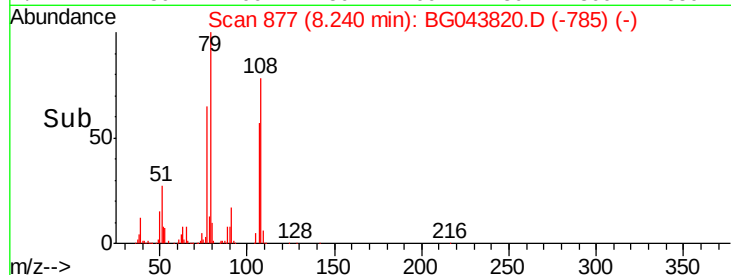
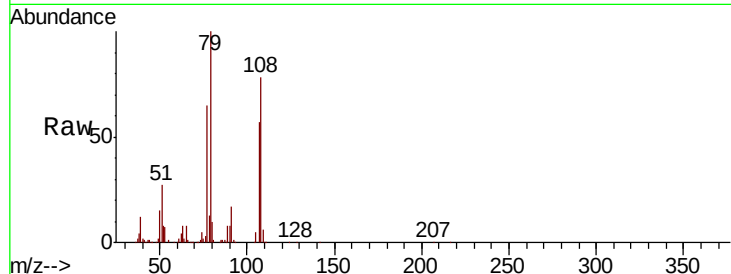
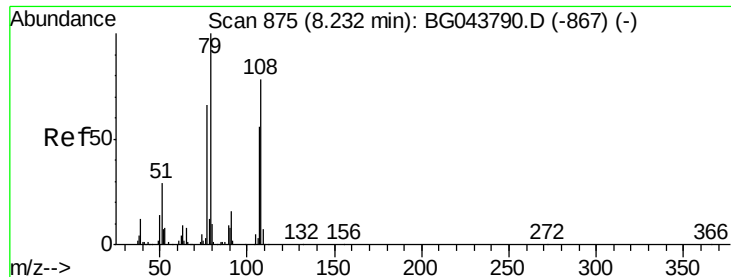
mohammad
 12/18/2019 2:40:42 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.204 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.2	75.2
111	44.7	33.4	50.2





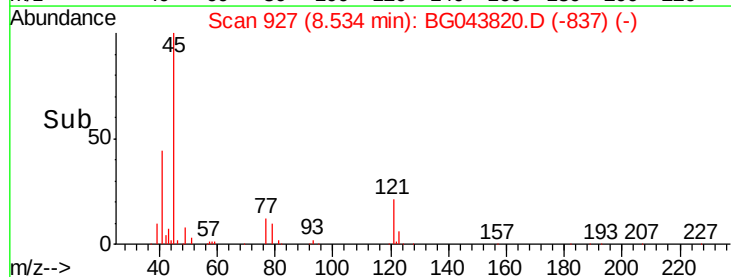
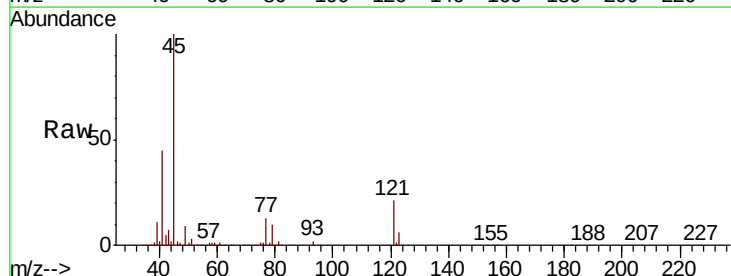
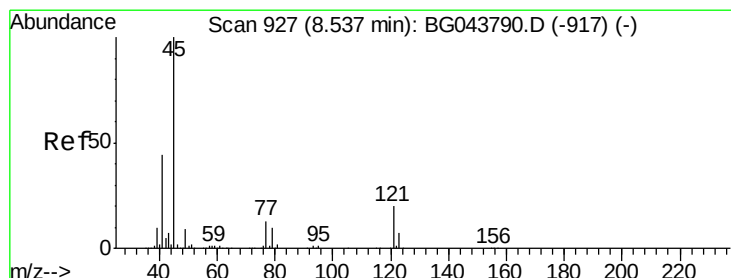
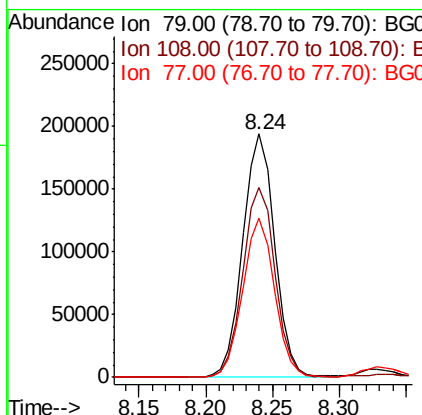
#15
Benzyl Alcohol
Concen: 49.062 ng
RT: 8.24 min Scan# 877
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.7	62.2	93.2
77	65.3	52.8	79.2

Instrument :
BNA_G
ClientSampleId :
PB125439BS

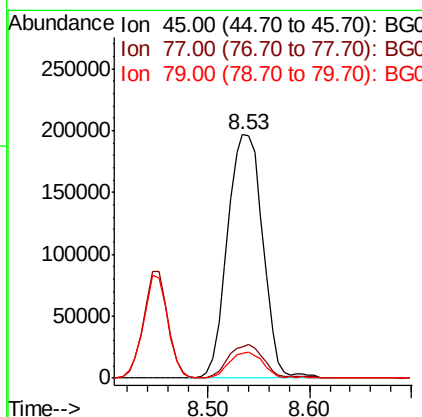
Manual Integrations
APPROVED

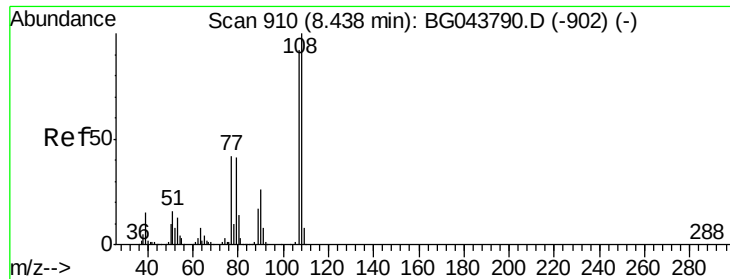
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.089 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	33.6
79	10.4	0.0	29.9





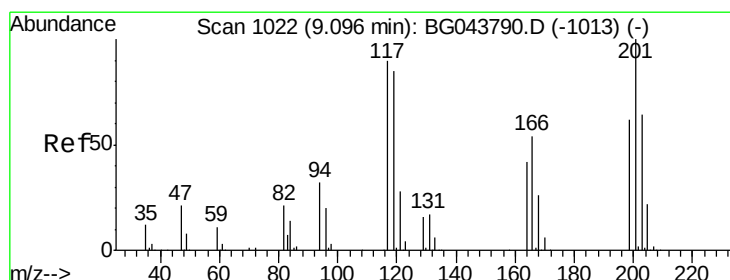
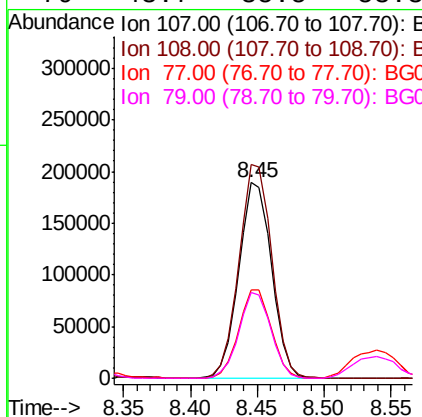
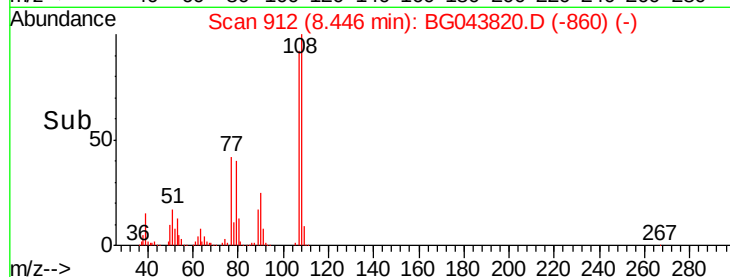
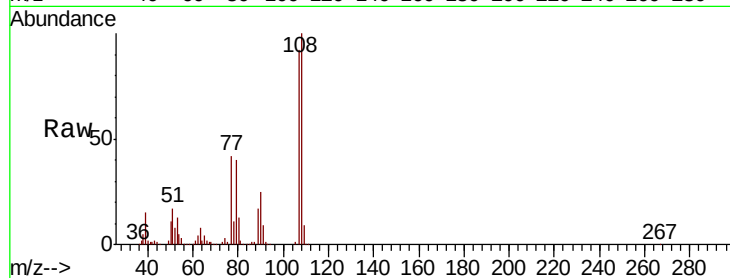
#17
2-Methylphenol
Concen: 53.217 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.2	87.2	130.8	
77	45.4	36.6	54.8	
79	43.7	35.5	53.3	

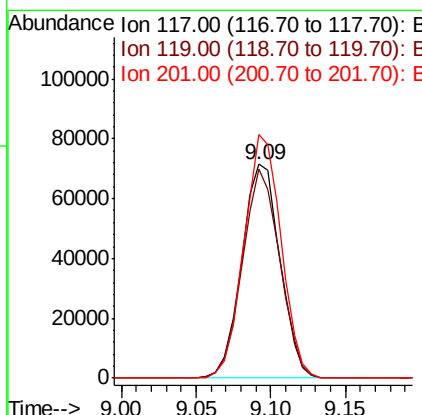
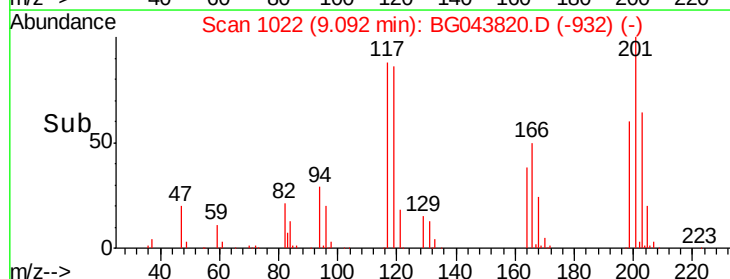
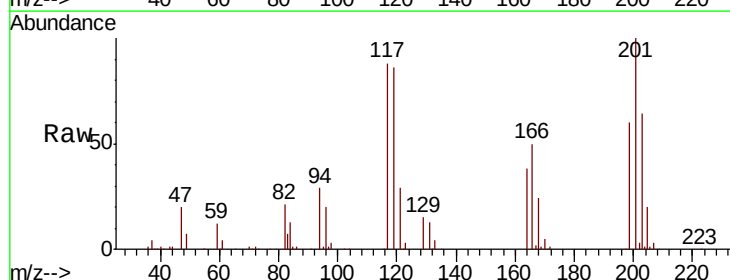
Manual Integrations
APPROVED

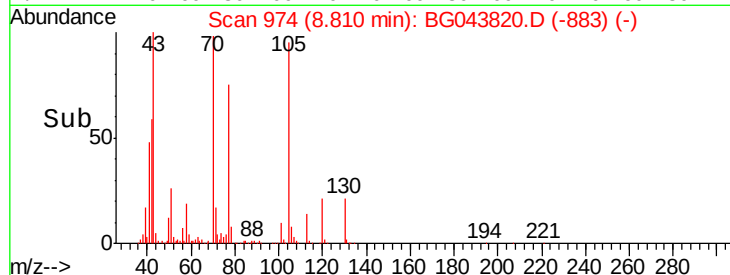
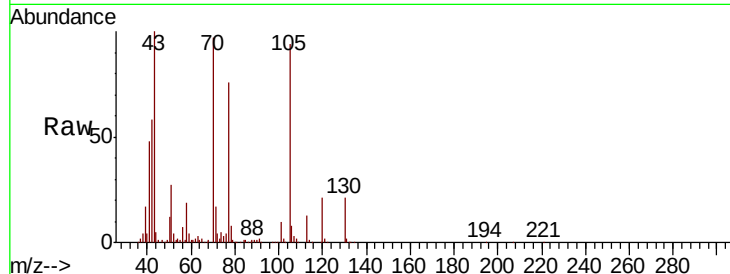
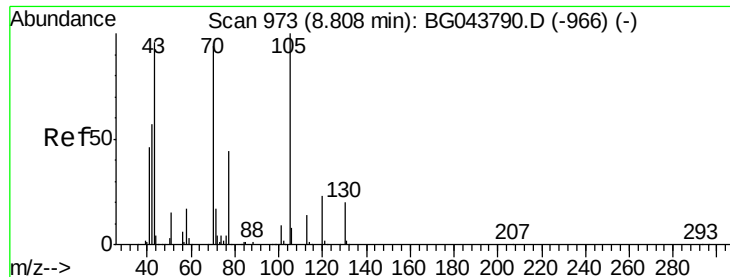
mohammad
12/18/2019 2:40:42 PM



#18
Hexachloroethane
Concen: 43.816 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	75.6	113.4	
201	113.7	88.6	133.0	





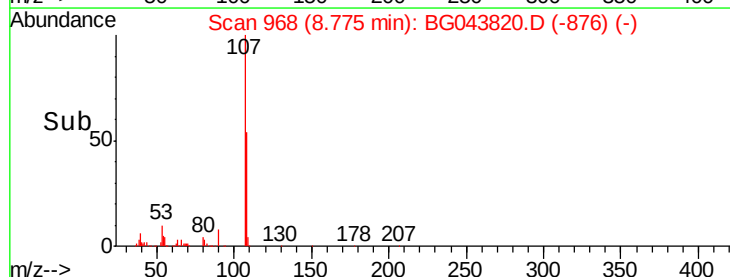
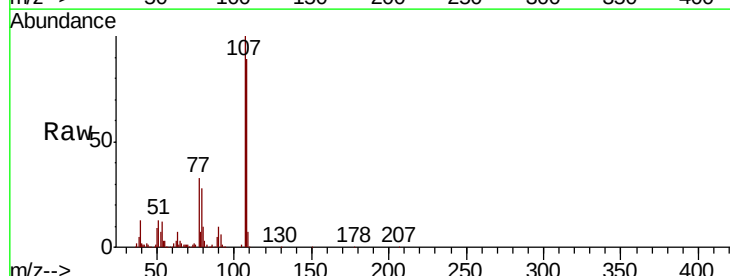
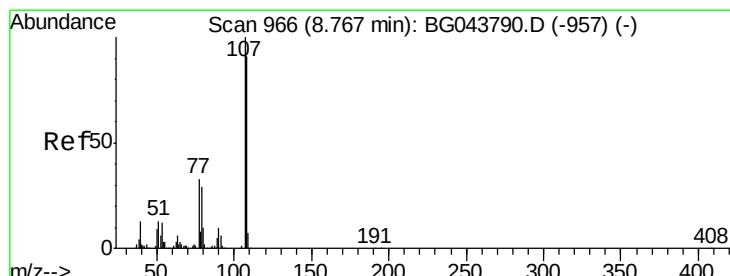
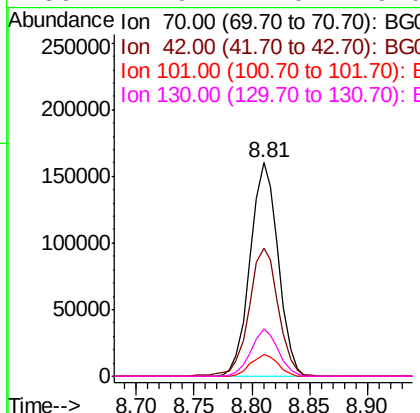
#19
n-Nitroso-di-n-propylamine
Concen: 43.160 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	60.2	49.2	73.8		
101	10.3	7.8	11.6		
130	21.9	17.0	25.6		

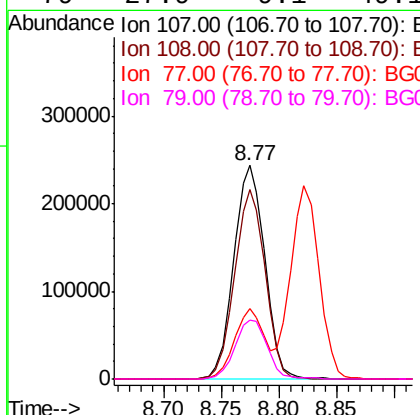
Manual Integrations
APPROVED

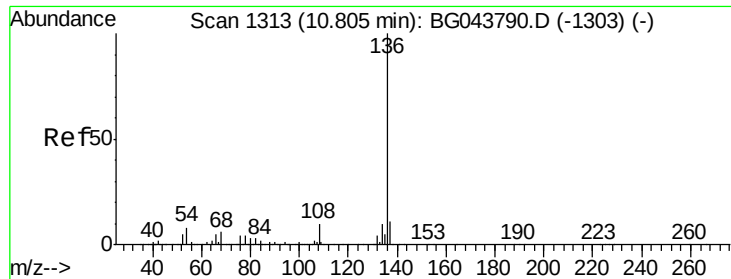
mohammad
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#20
3+4-Methylphenols
Concen: 53.513 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.5	70.9	110.9		
77	32.9	12.7	52.7		
79	27.9	9.1	49.1		





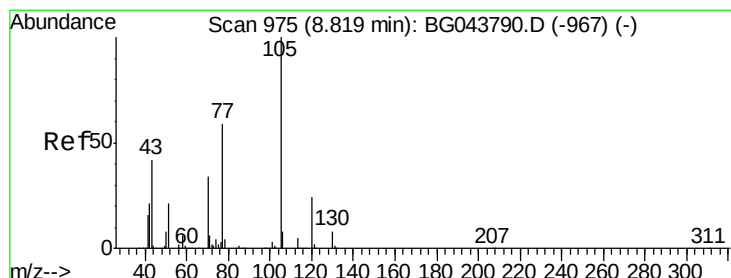
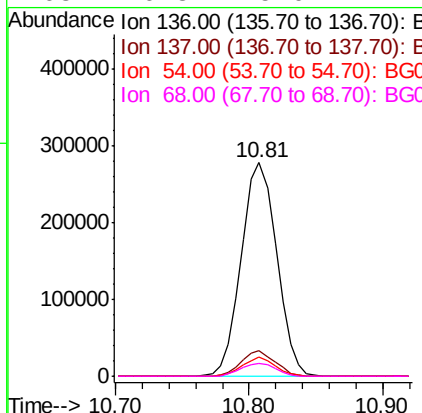
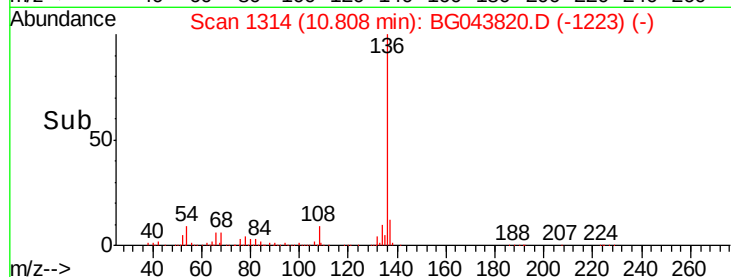
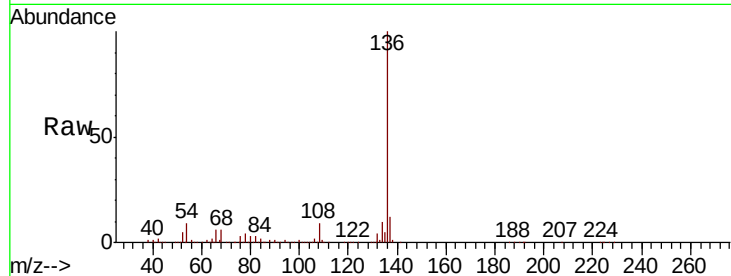
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	512286		
137	11.8	8.7	13.1	
54	8.9	6.8	10.2	
68	6.3	5.0	7.4	

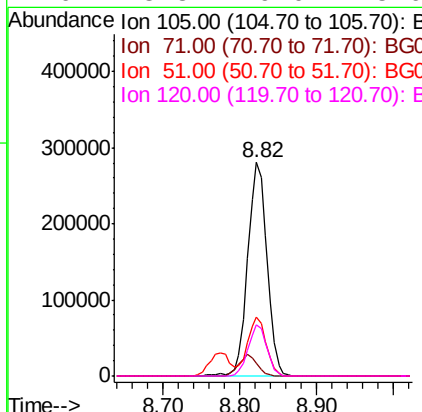
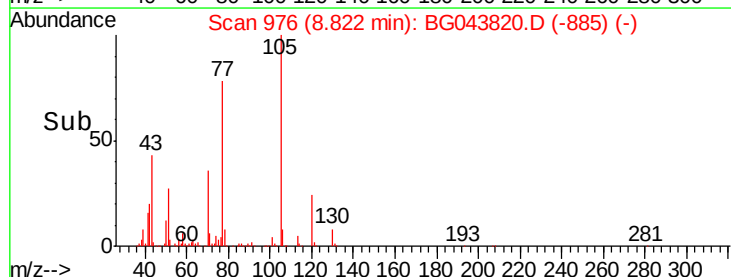
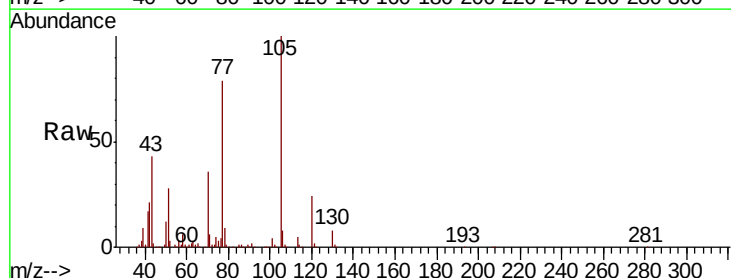
Manual Integrations
APPROVED

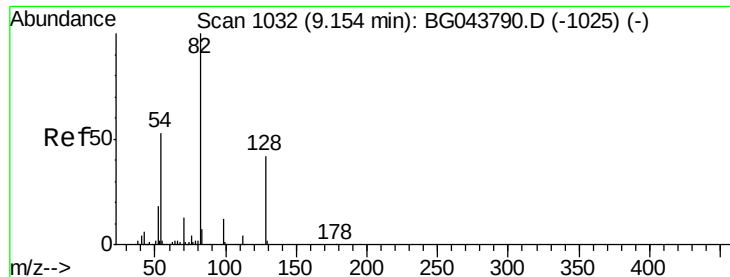
mohammad
12/18/2019 2:40:42 PM



#22
Acetophenone
Concen: 38.596 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	493106		
71	6.1	4.9	7.3	
51	27.5	22.2	33.4	
120	23.8	19.0	28.6	





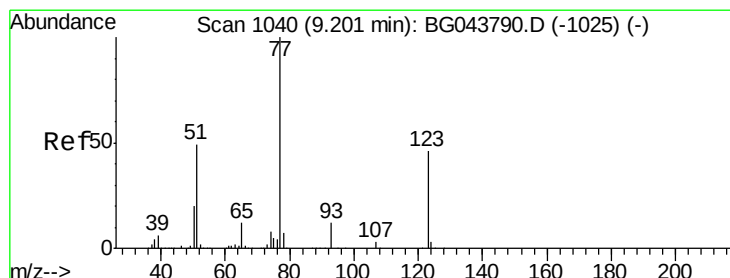
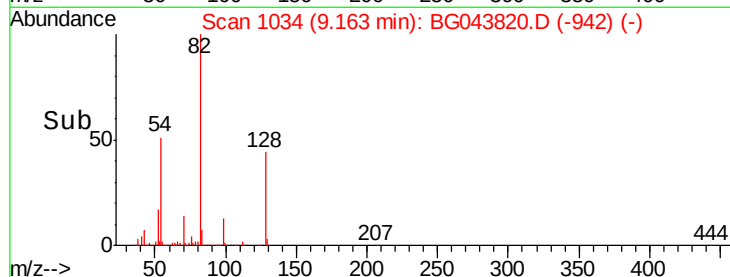
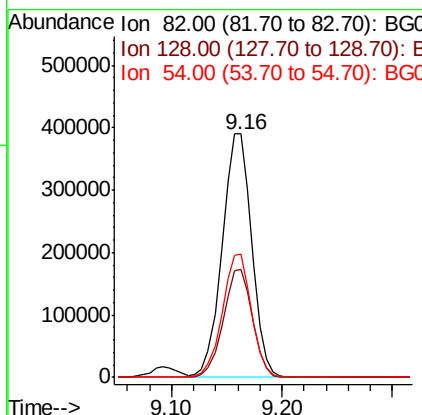
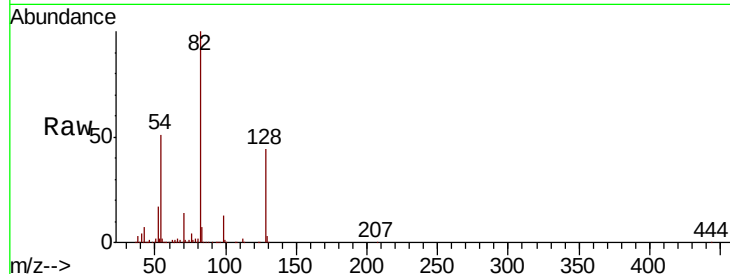
#23
Nitrobenzene-d5
Concen: 79.760 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.6	50.4
54	50.9	42.1	63.1

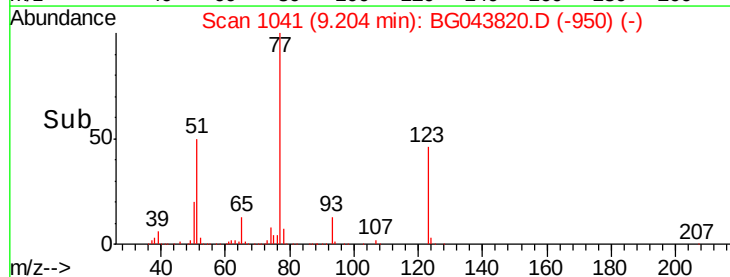
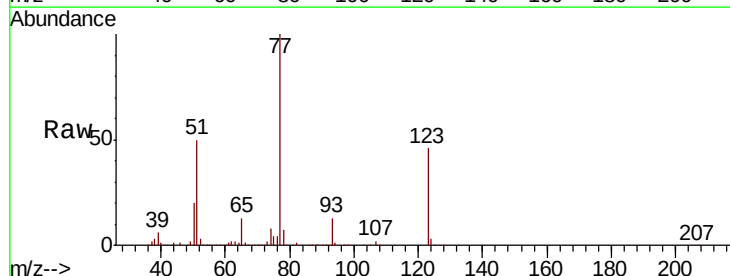
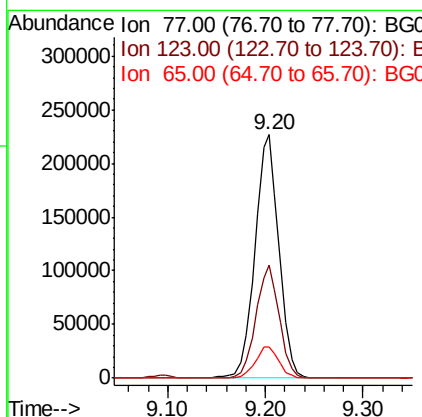
Manual Integrations
APPROVED

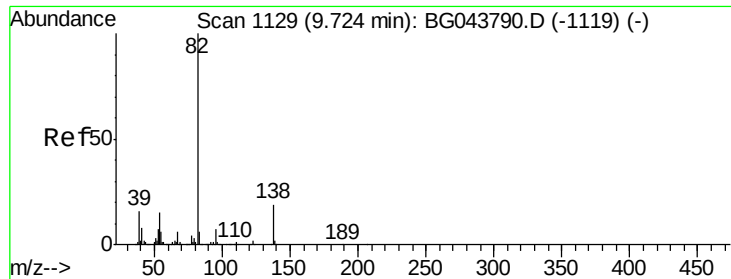
mohammad
12/18/2019 2:40:42 PM



#24
Nitrobenzene
Concen: 41.749 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	36.6	55.0
65	12.8	9.8	14.6





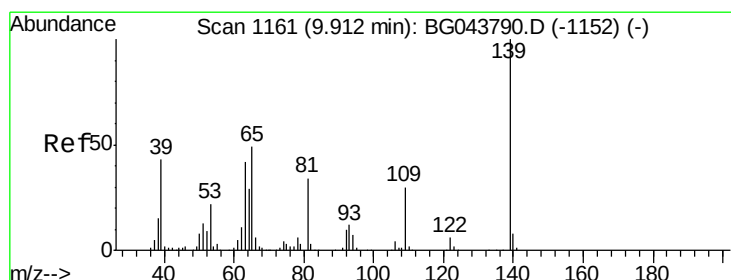
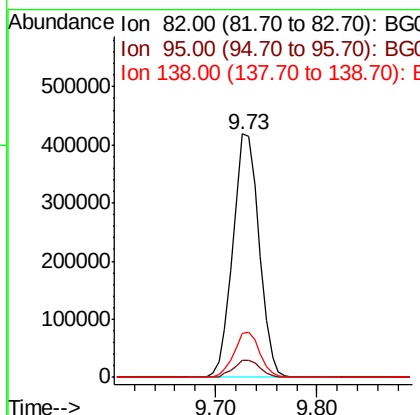
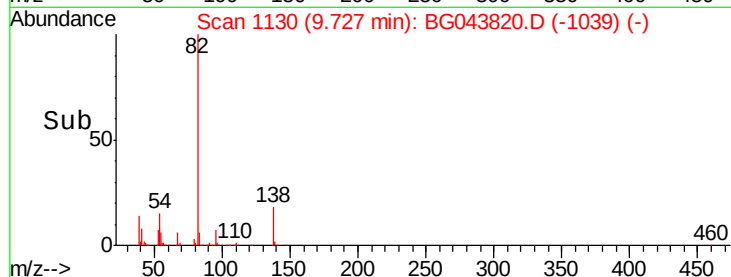
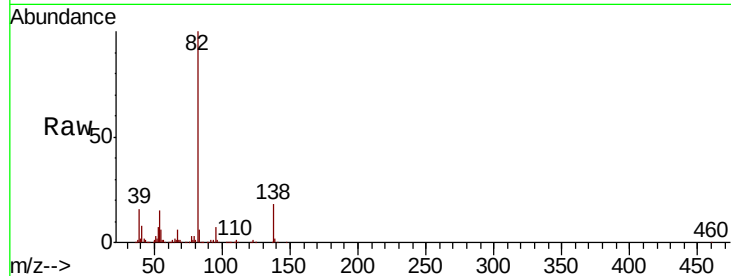
#25
Isophorone
Concen: 41.402 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	754418		
95	7.1		5.6	8.4
138	18.1		14.8	22.2

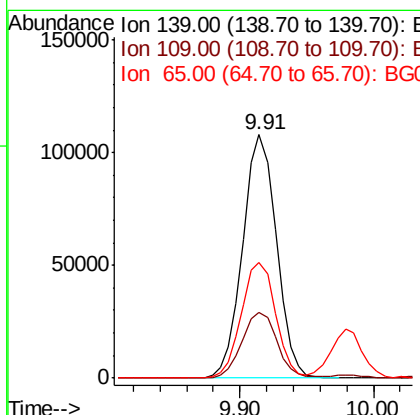
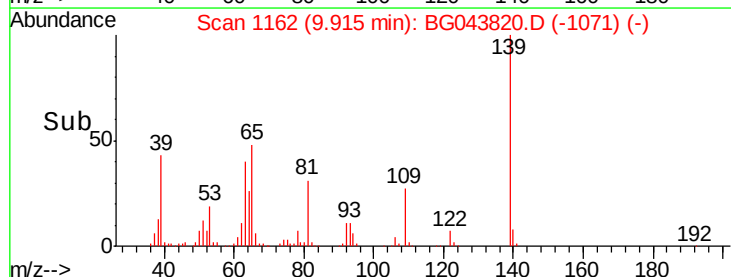
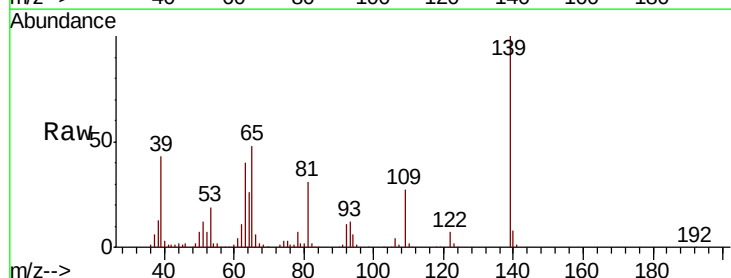
Manual Integrations
APPROVED

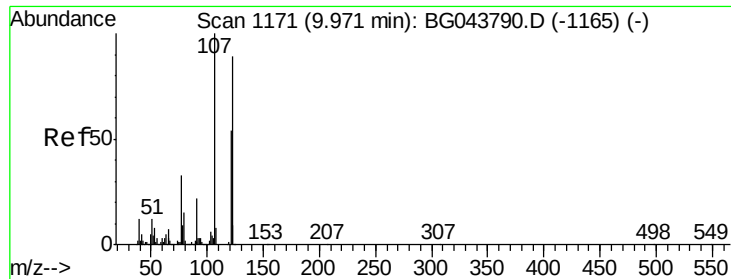
mohammad
12/18/2019 2:40:42 PM



#26
2-Nitrophenol
Concen: 51.366 ng
RT: 9.91 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	189228		
109	26.8		23.9	35.9
65	47.6		39.3	58.9





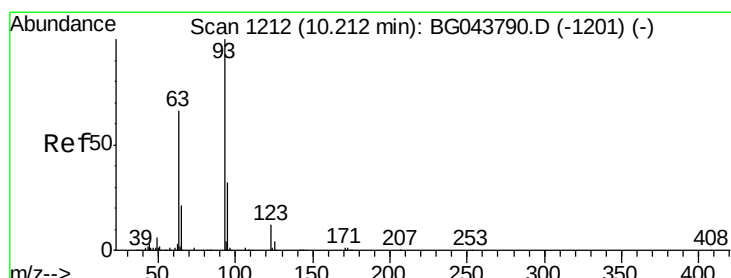
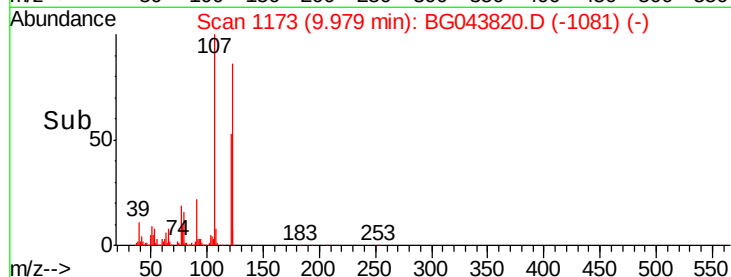
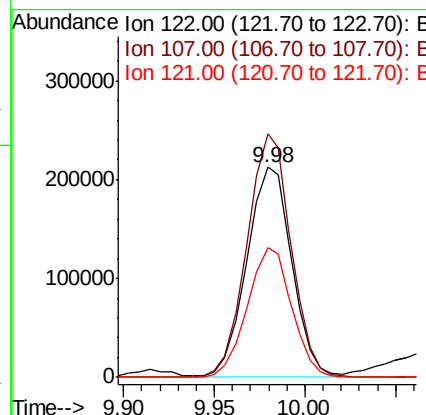
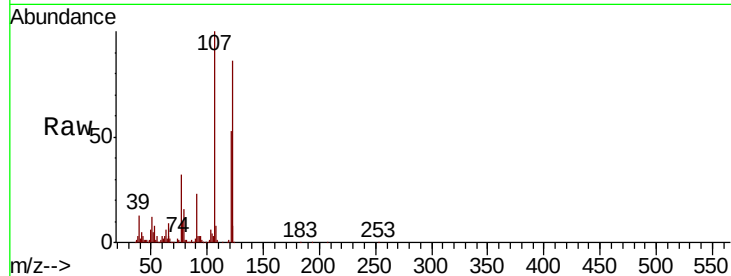
#27
2,4-Dimethylphenol
Concen: 56.821 ng
RT: 9.98 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	116.0	90.0	135.0	
121	62.0	48.6	73.0	

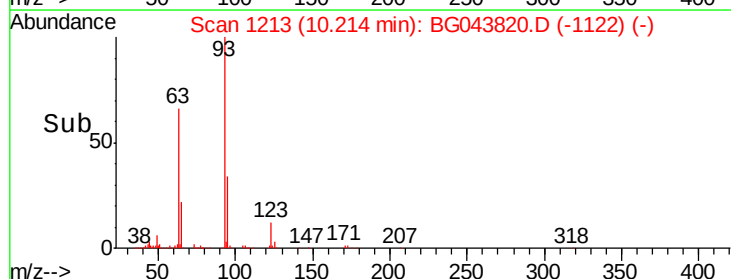
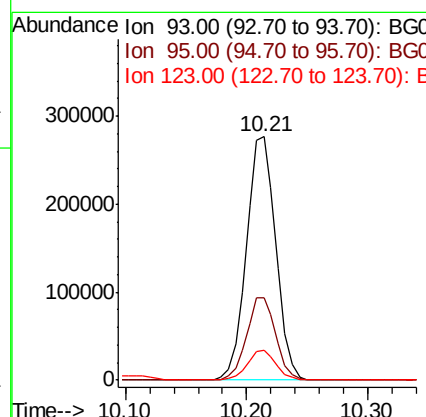
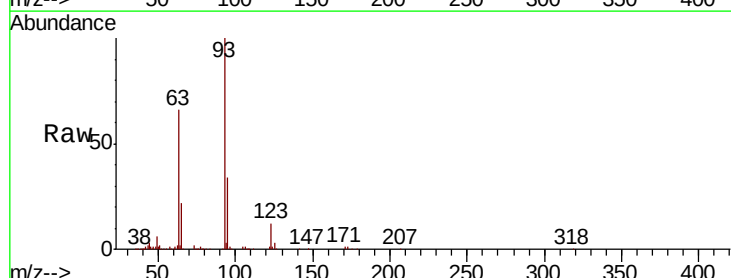
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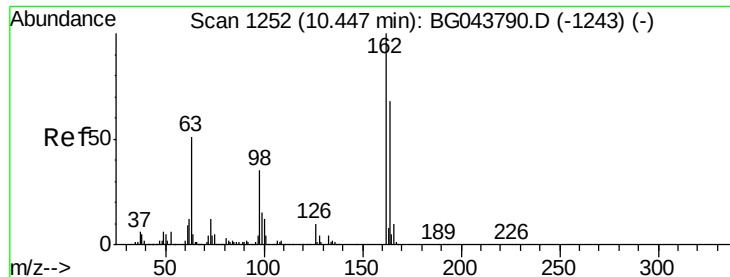
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#28
bis(2-Chloroethoxy)methane
Concen: 40.178 ng
RT: 10.21 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.9	25.7	38.5	
123	12.1	9.5	14.3	





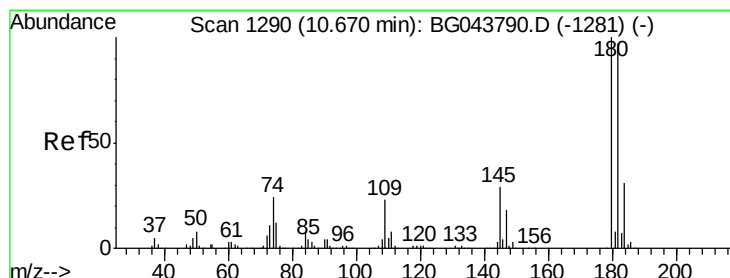
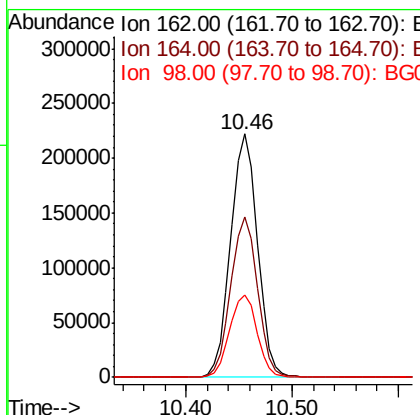
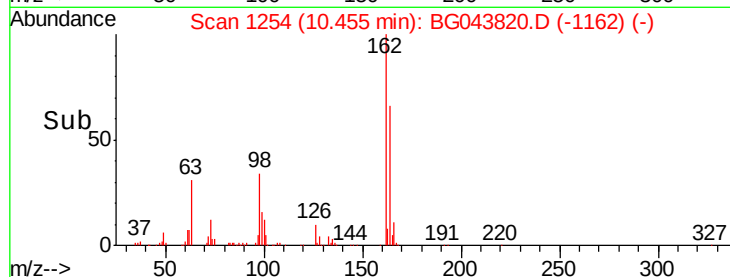
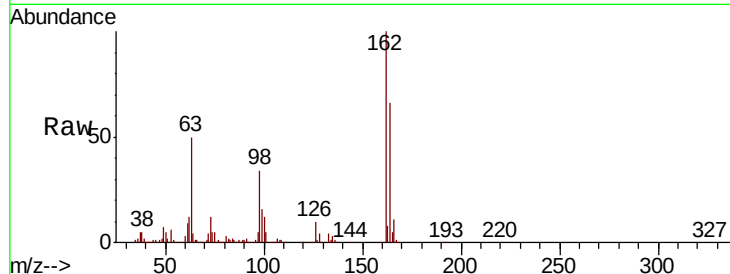
#29
 2,4-Dichlorophenol
 Concen: 49.400 ng
 RT: 10.46 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Instrument :
 BNA_G
 ClientSampleId :
 PB125439BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	390627		
164	65.8	48.0	88.0	
98	33.8	14.9	54.9	

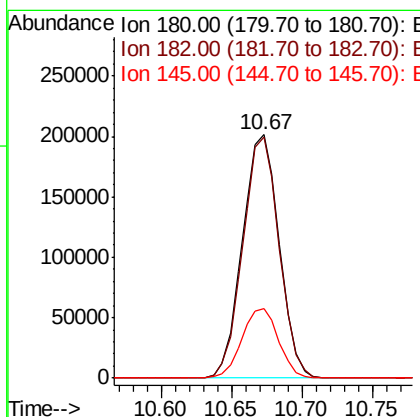
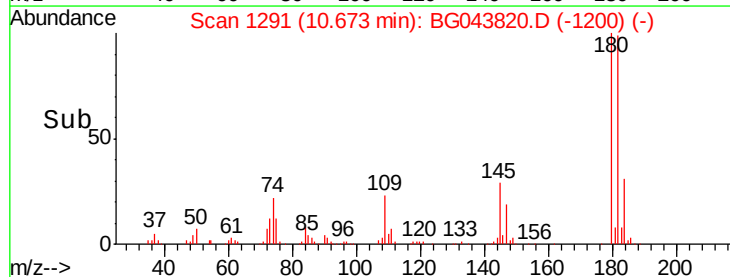
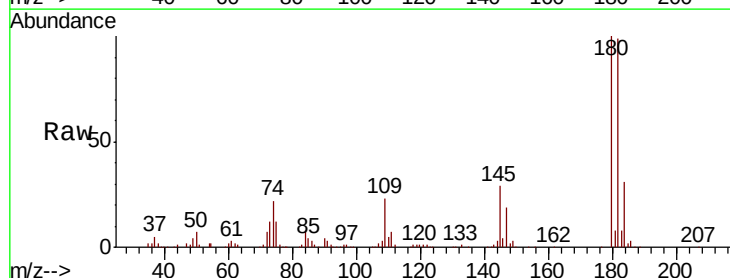
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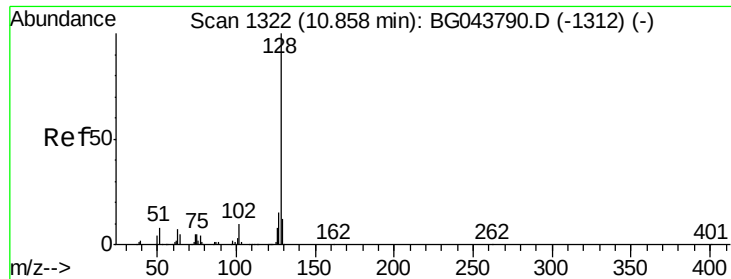
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.233 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	367234		
182	98.9	77.8	116.8	
145	28.8	23.0	34.6	





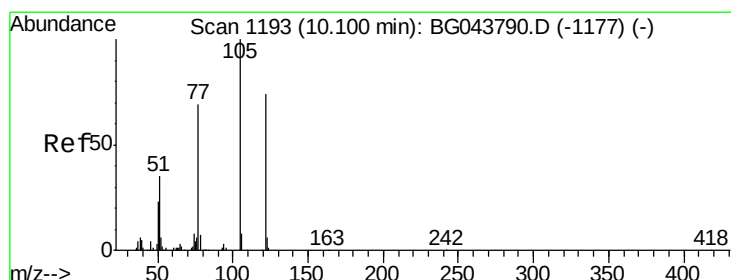
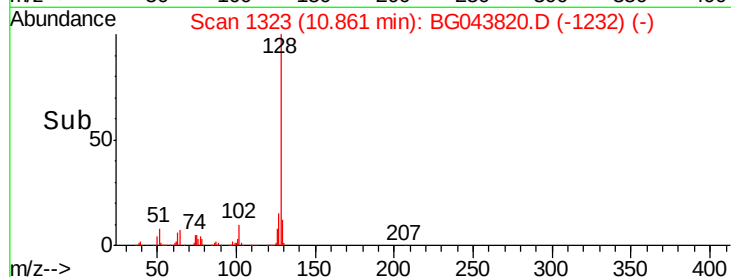
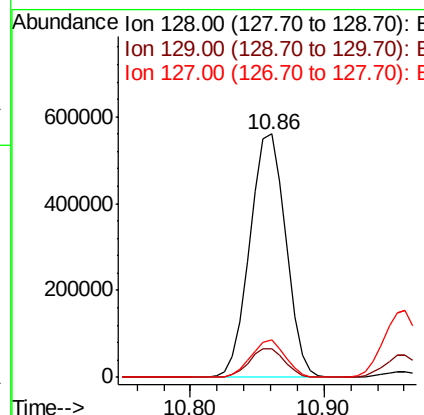
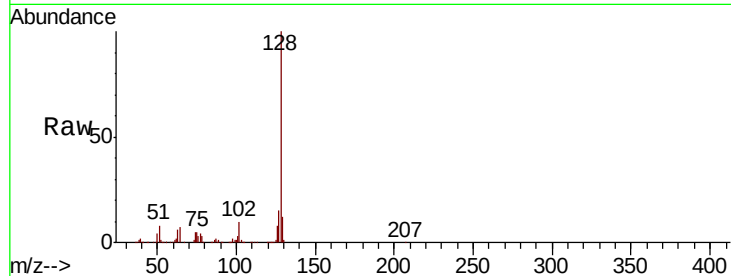
#31
Naphthalene
Concen: 42.408 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.6
127	15.5	11.9	17.9

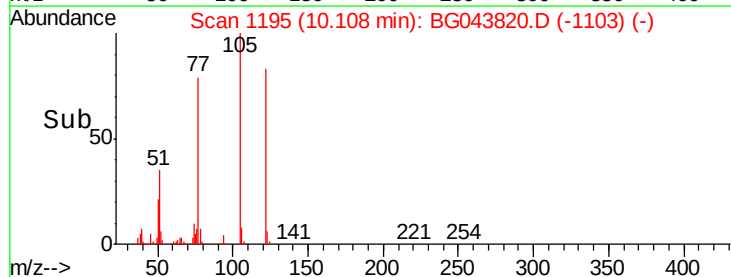
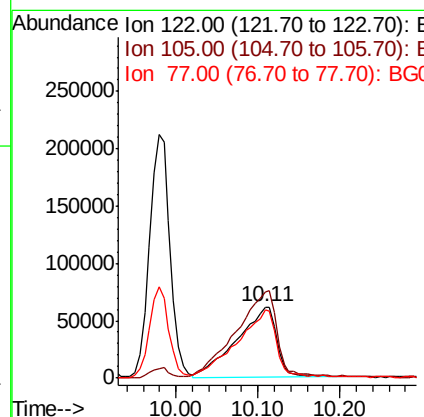
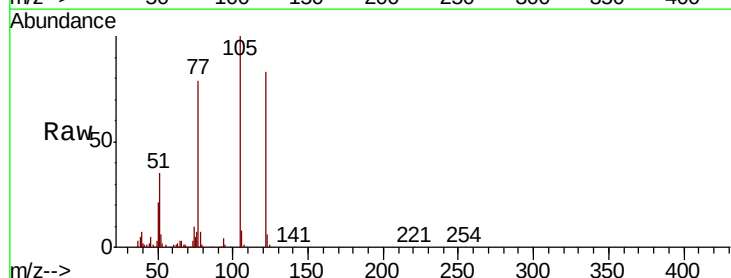
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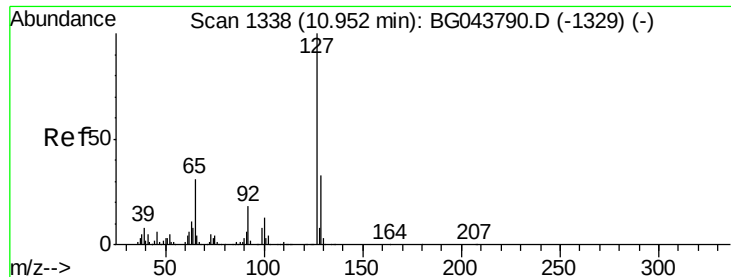
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#32
Benzoic acid
Concen: 46.489 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	107.5	147.5
77	95.3	71.7	111.7





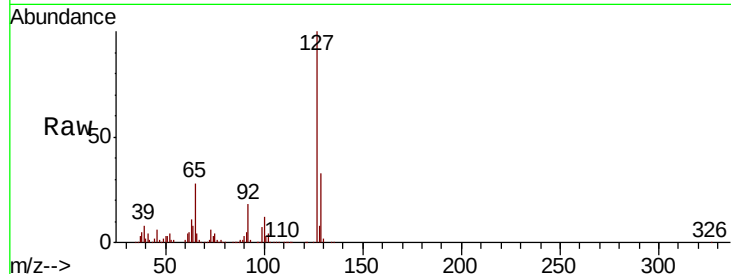
#33
4-Chloroaniline
Concen: 23.668 ng
RT: 10.96 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

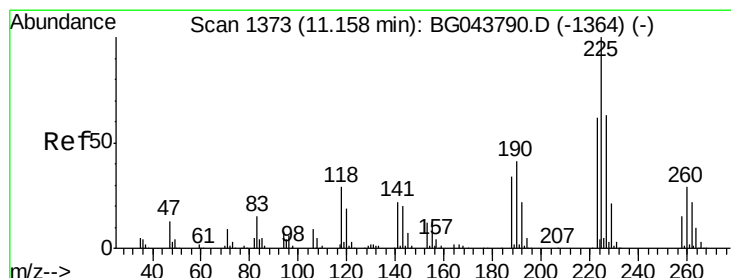
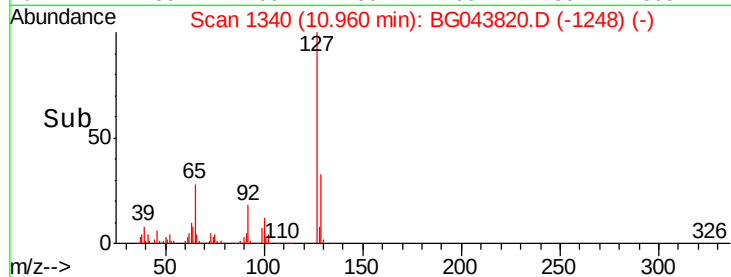
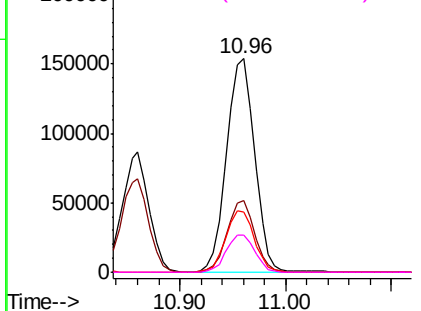
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.5	26.1	39.1		
65	28.3	24.4	36.6		
92	17.7	14.6	22.0		

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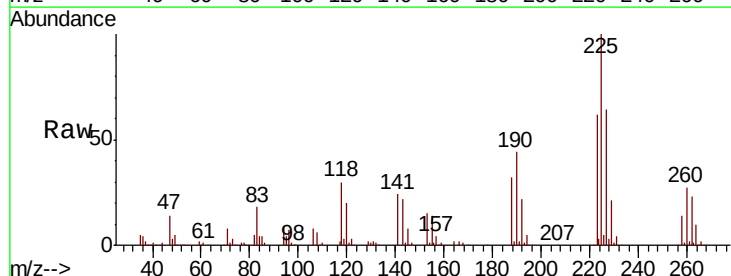


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

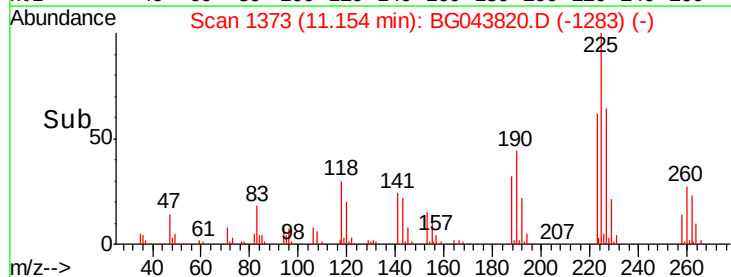
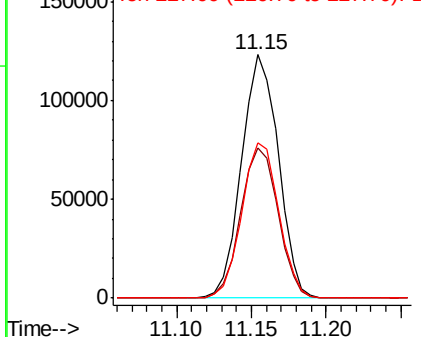


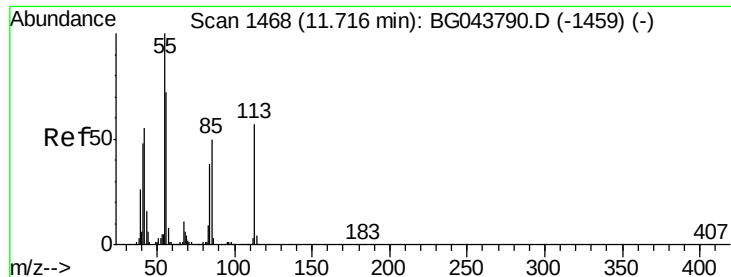
#34
Hexachlorobutadiene
Concen: 37.056 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	49.3	73.9		
227	64.0	50.2	75.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





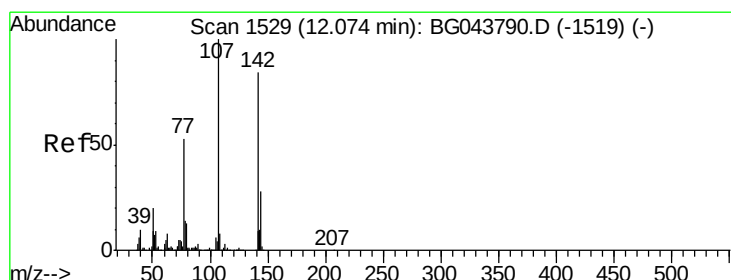
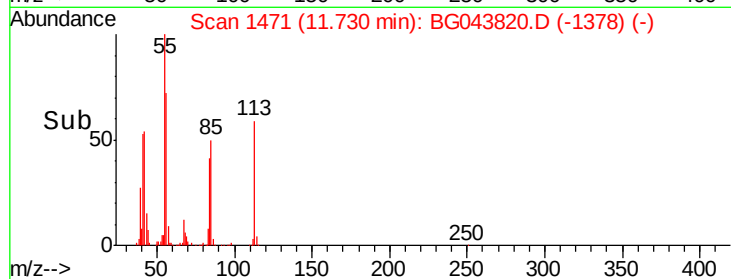
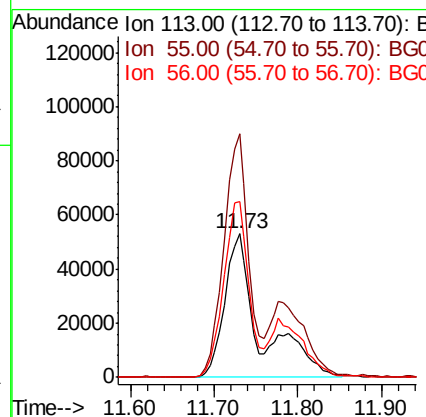
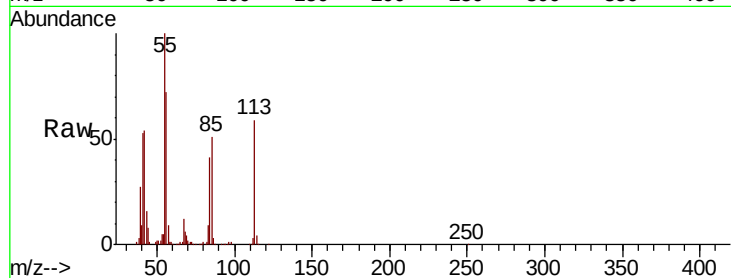
#35
 Caprolactam
 Concen: 50.273 ng/ml
 RT: 11.73 min Scan# 1471
 Delta R.T. 0.01 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Instrument :
 BNA_G
 ClientSampleId :
 PB125439BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	169.8		154.2	194.2	
56	122.5		105.6	145.6	

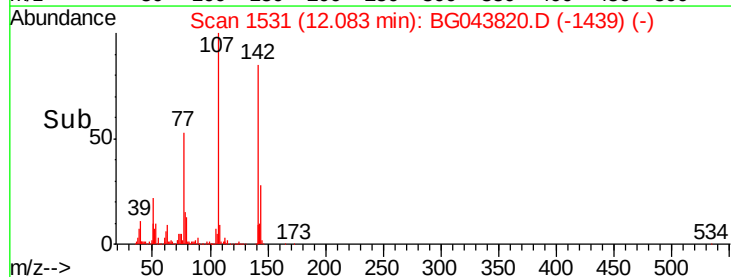
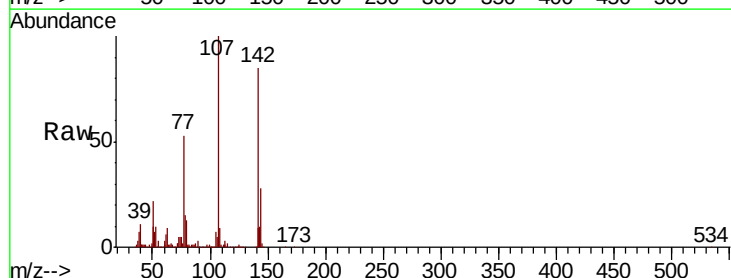
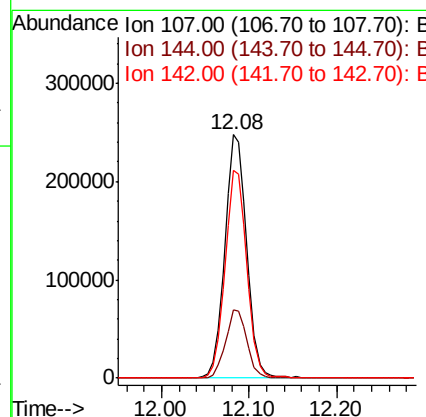
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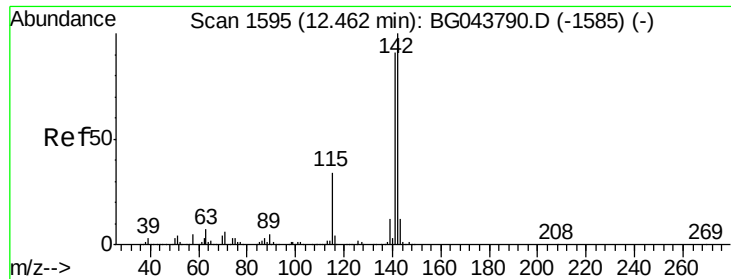
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#36
 4-Chloro-3-methylphenol
 Concen: 50.296 ng/ml
 RT: 12.08 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	28.0		22.2	33.4	
142	85.2		67.0	100.6	





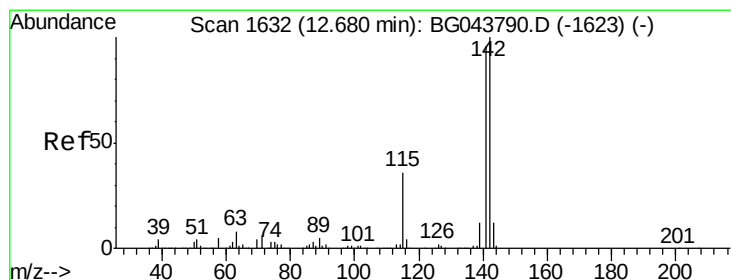
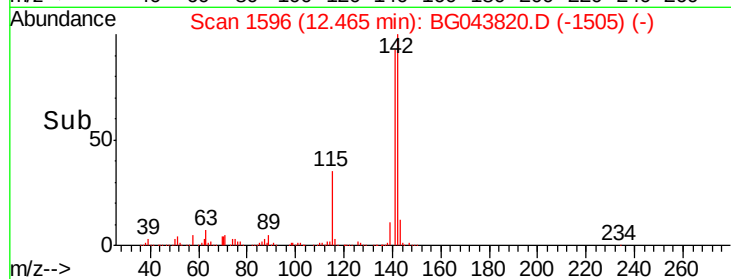
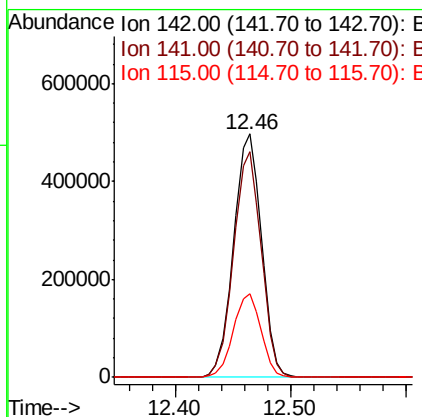
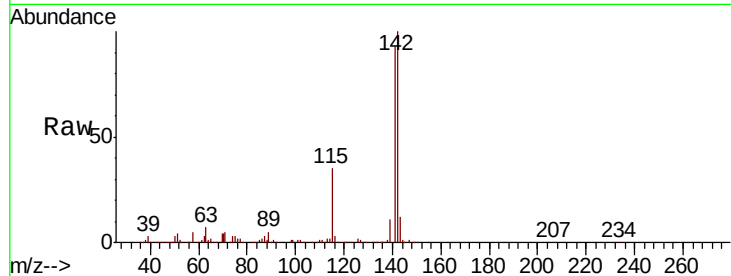
#37
2-Methylnaphthalene
Concen: 43.600 ng
RT: 12.46 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.2	109.8
115	34.6	27.3	40.9

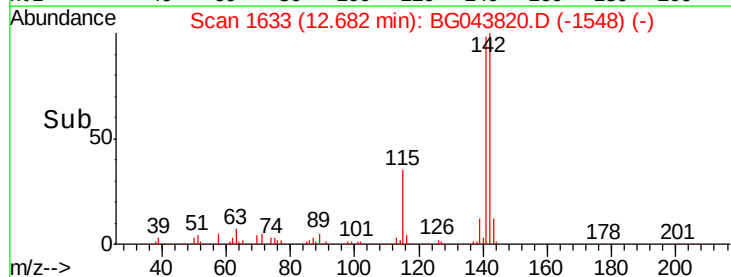
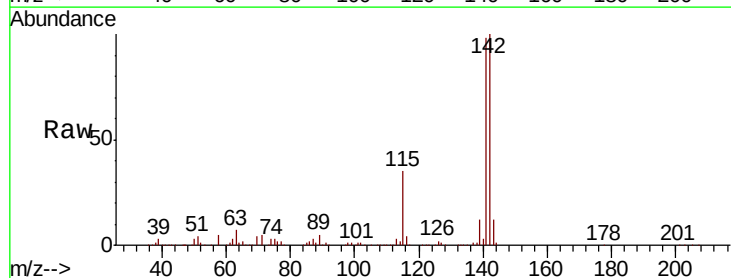
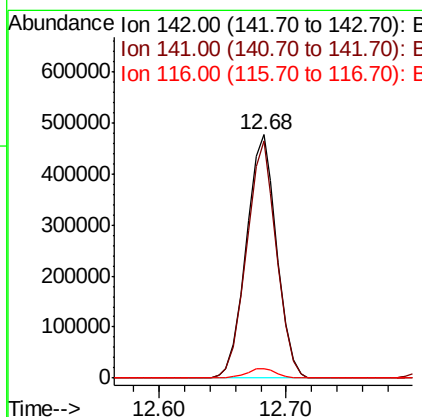
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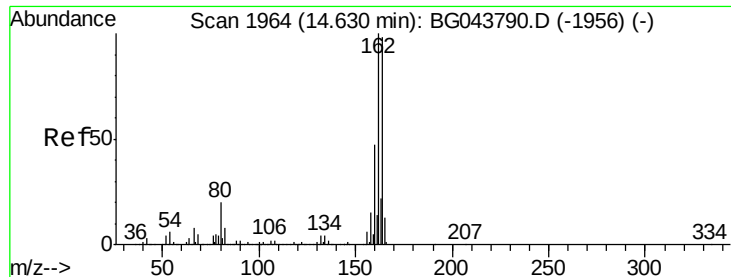
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#38
1-Methylnaphthalene
Concen: 43.676 ng
RT: 12.68 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.5	76.9	115.3
116	3.7	3.2	4.8





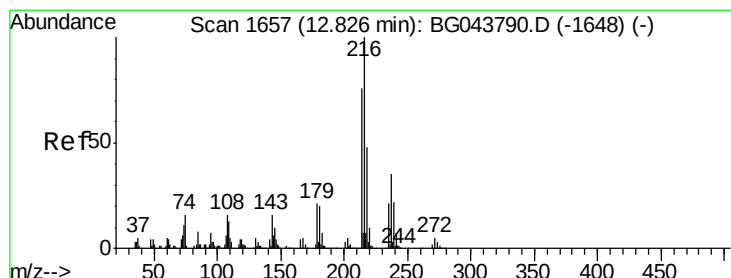
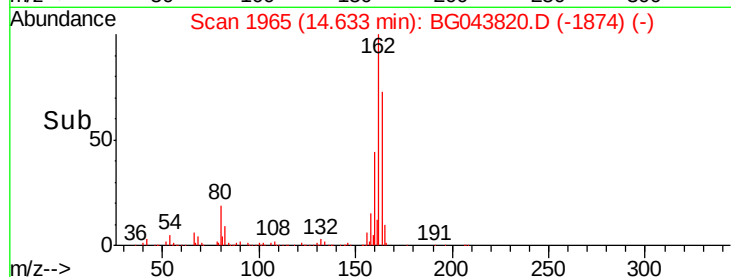
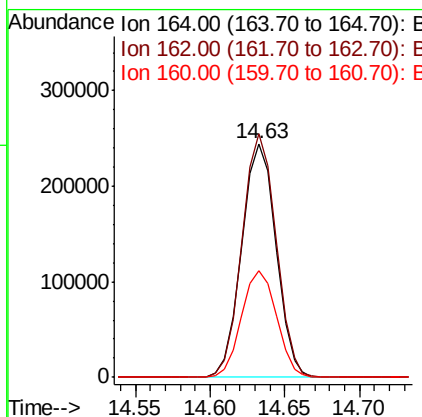
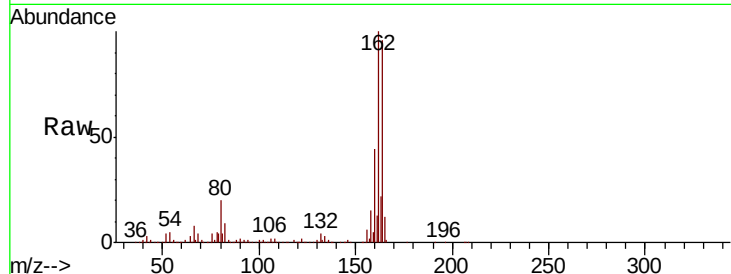
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.3	81.9	122.9	
160	45.7	38.3	57.5	

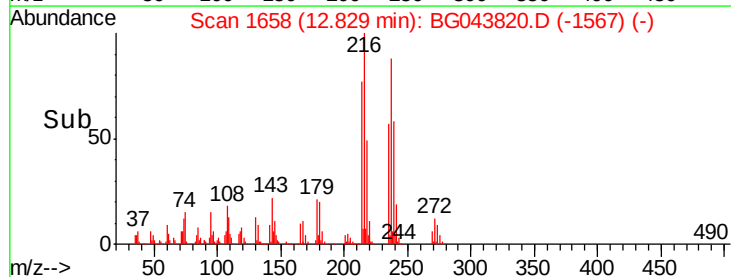
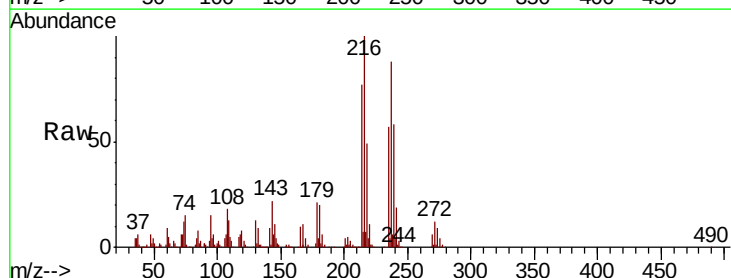
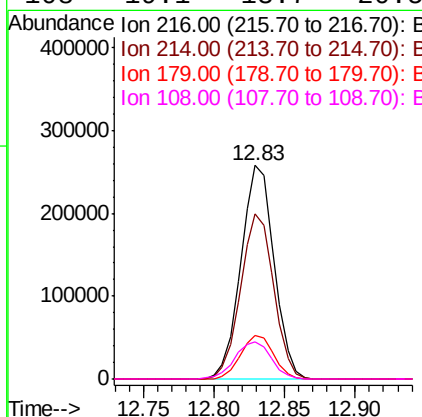
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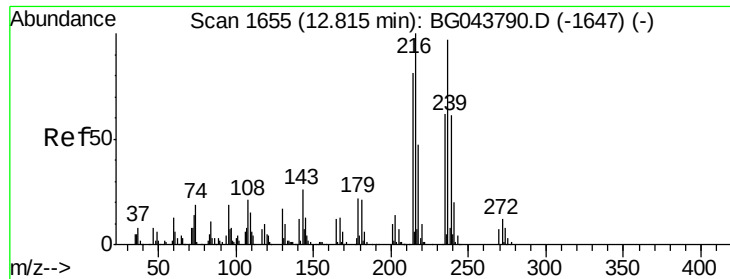
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.176 ng
RT: 12.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.1	62.2	93.4	
179	20.5	16.6	25.0	
108	19.1	13.7	20.5	





#41

Hexachlorocyclopentadiene

Concen: 99.862 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

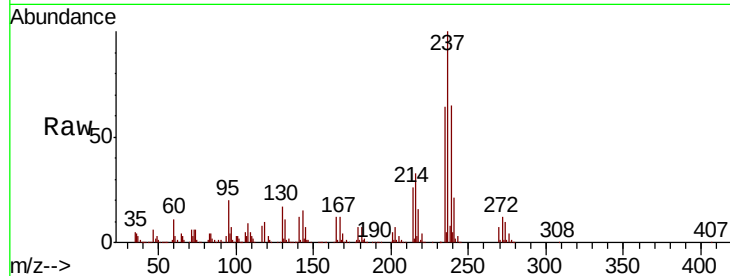
ClientSampleId :

PB125439BS

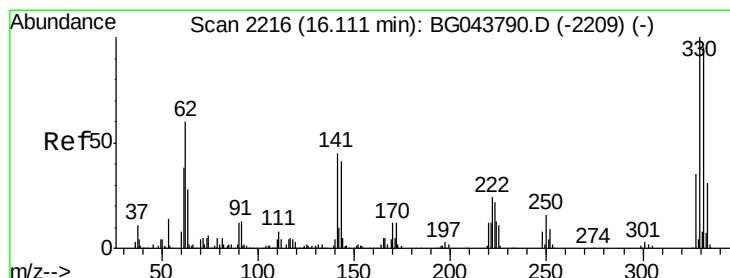
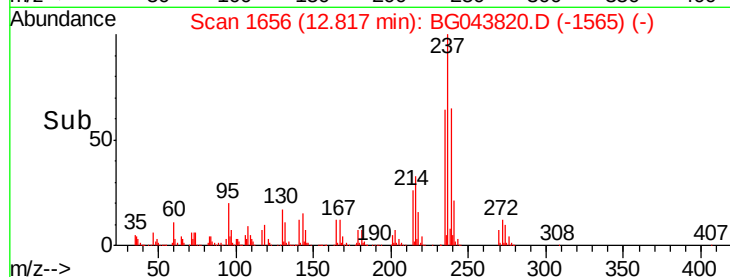
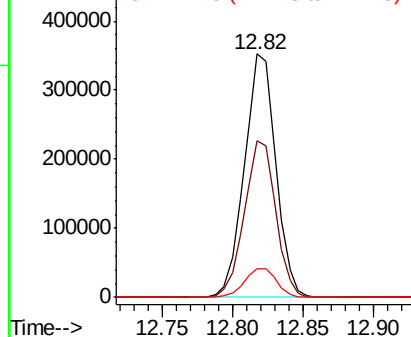
Tot Ion:	237	Resp:	548716
Ion Ratio	Lower	Upper	
237	100		
235	64.5	43.9	83.9
272	11.7	0.0	32.0

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



#42

2,4,6-Tribromophenol

Concen: 133.857 ng

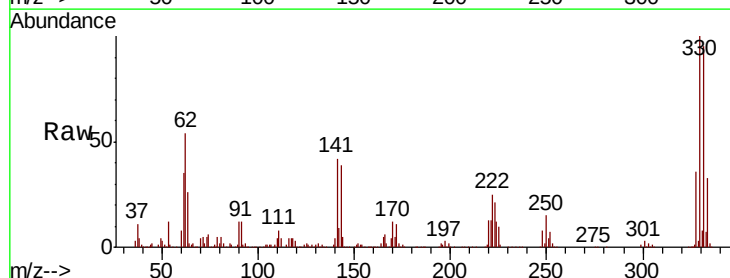
RT: 16.12 min Scan# 2218

Delta R.T. 0.01 min

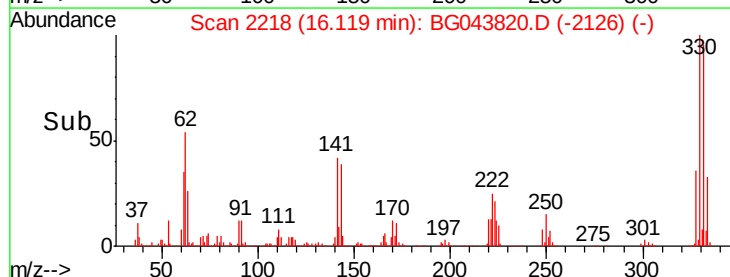
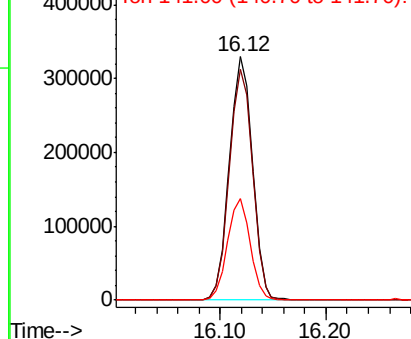
Lab File: BG043820.D

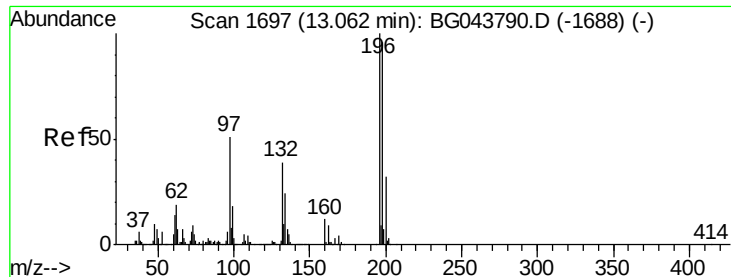
Acq: 17 Dec 2019 15:24

Tgt Ion:	330	Resp:	497159
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.9	115.3
141	41.3	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





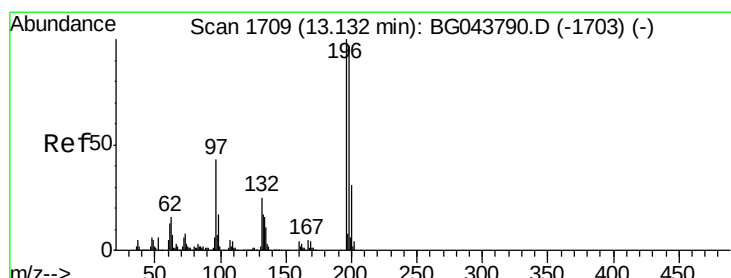
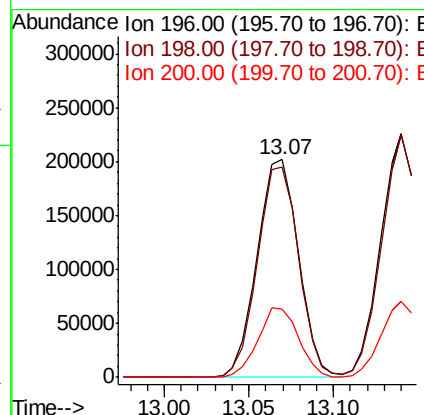
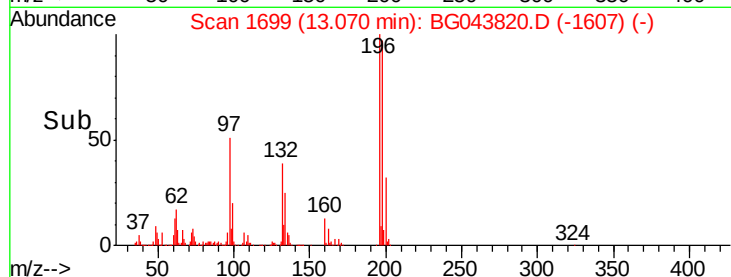
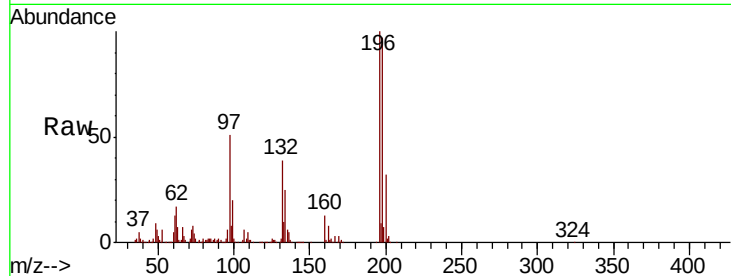
#43
 2,4,6-Trichlorophenol
 Concen: 46.099 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Instrument :
 BNA_G
 ClientSampleId :
 PB125439BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	343013		
198	97.0	77.0	115.6	
200	31.5	25.7	38.5	

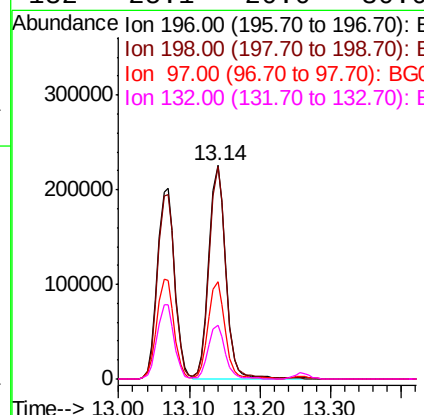
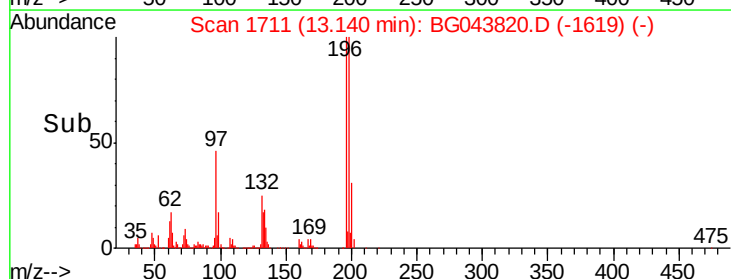
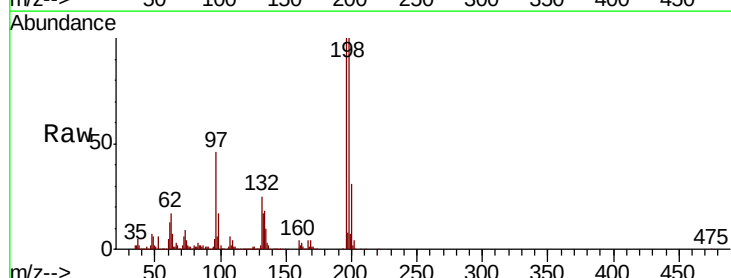
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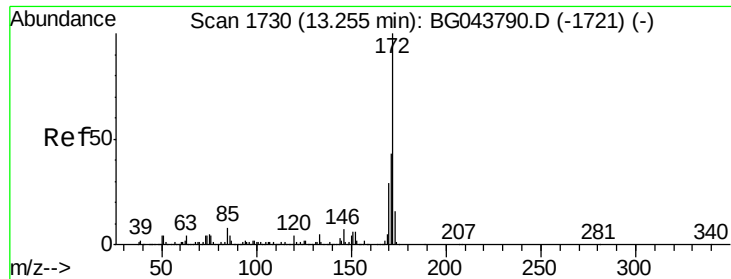
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 48.823 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.01 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	380595		
198	99.8	77.4	116.0	
97	45.7	34.7	52.1	
132	25.1	20.0	30.0	





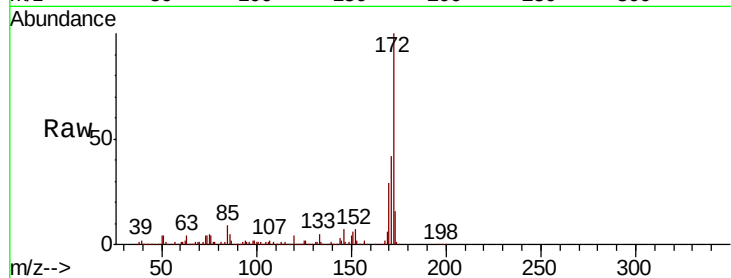
#45
2-Fluorobiphenyl
Concen: 77.234 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.5	34.6	51.8
170	29.3	23.3	34.9

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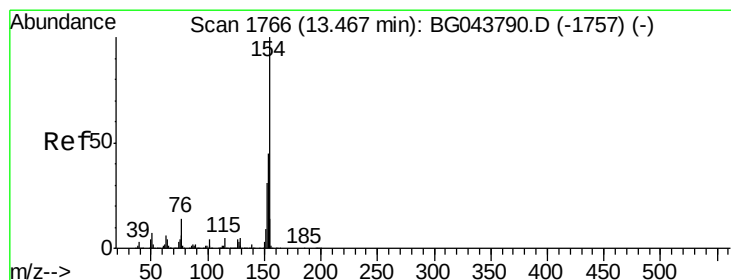
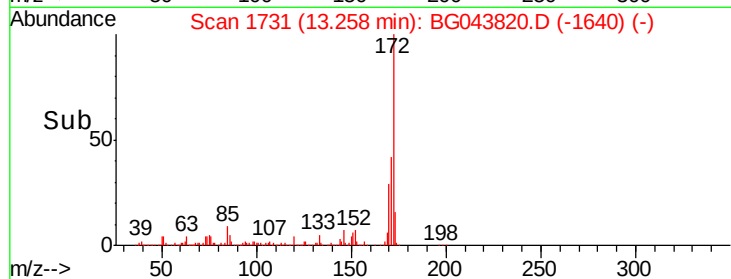
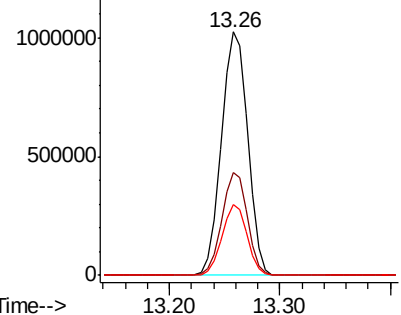


Abundance

Ion 172.00 (171.70 to 172.70): E

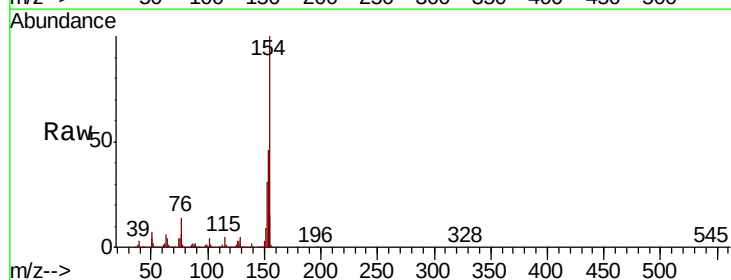
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.729 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.9	24.5	64.5
76	14.3	0.0	33.9

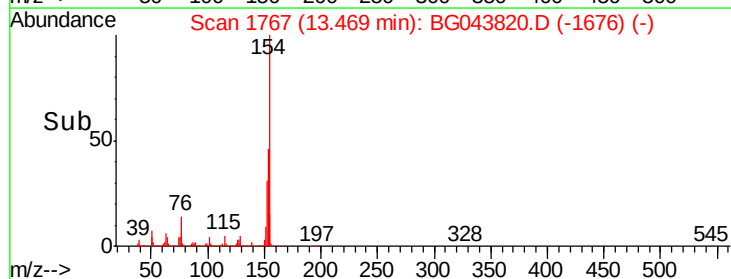
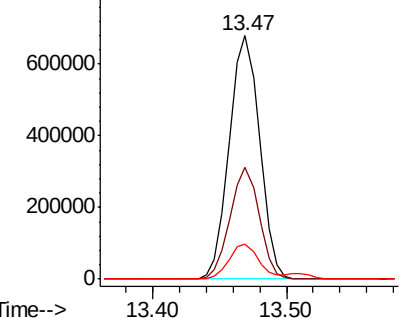


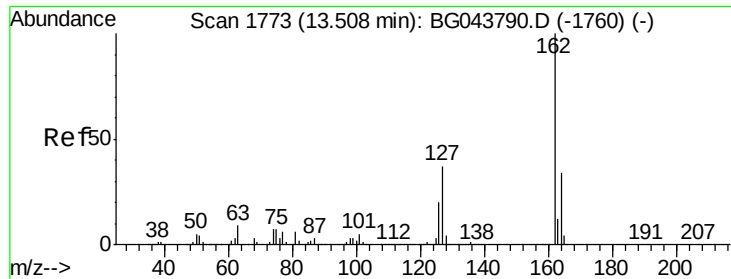
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 39.101 ng

RT: 13.51 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

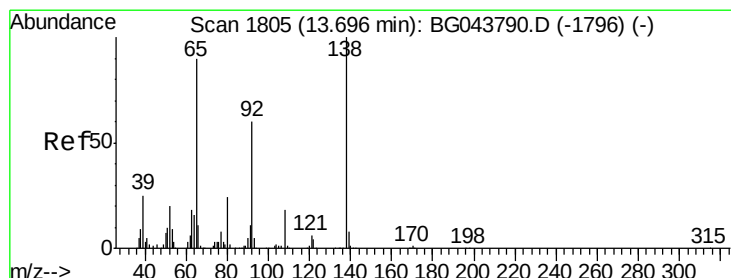
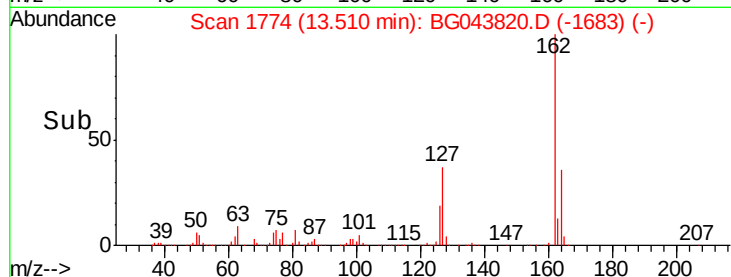
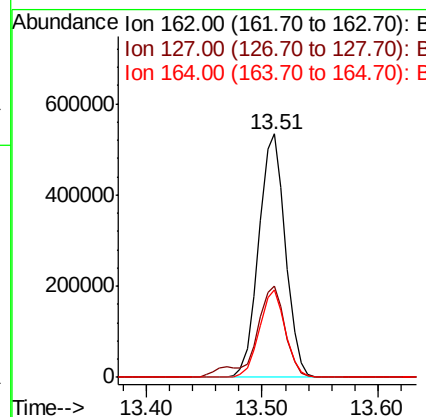
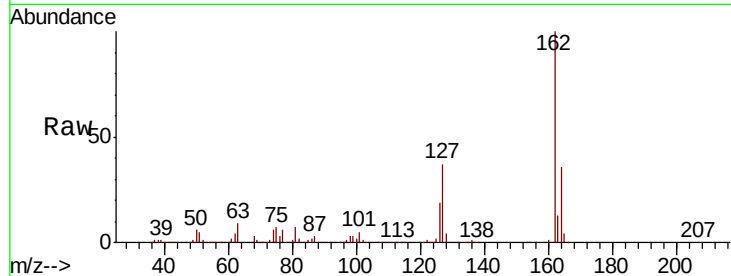
ClientSampleId :

PB125439BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.0	45.0
164	36.0	27.6	41.4

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#48

2-Nitroaniline

Concen: 44.373 ng

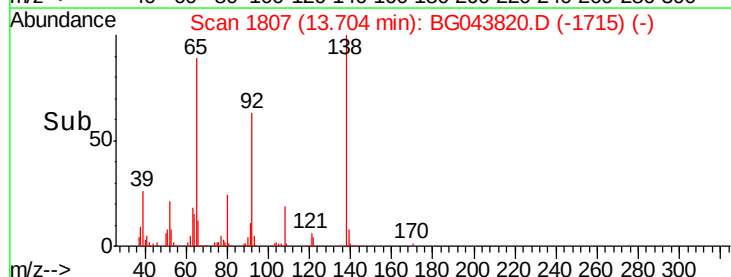
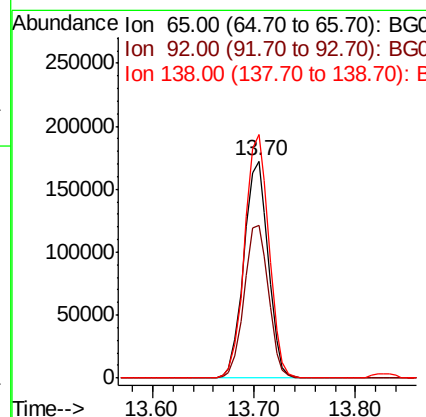
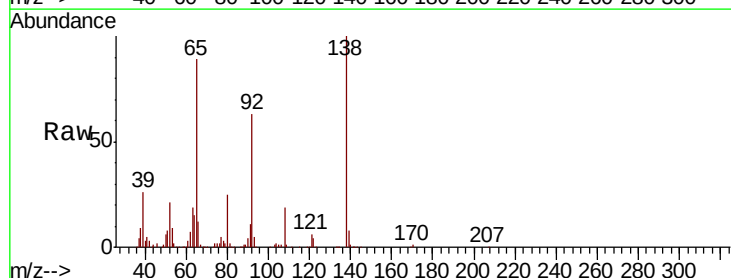
RT: 13.70 min Scan# 1807

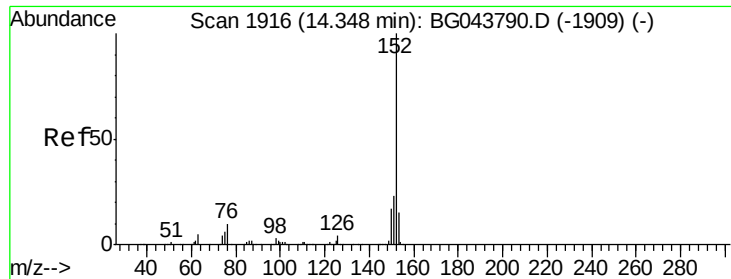
Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	53.7	80.5
138	112.0	88.8	133.2





#49

Acenaphthylene

Concen: 42.482 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

PB125439BS

Tot Ion:152 Resp: 1389510

Ion Ratio Lower Upper

152 100

151 23.9 18.5 27.7

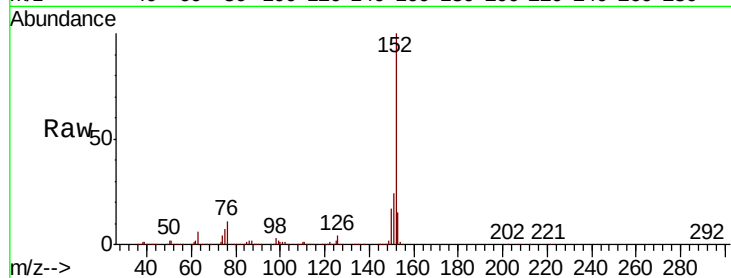
153 15.2 11.8 17.8

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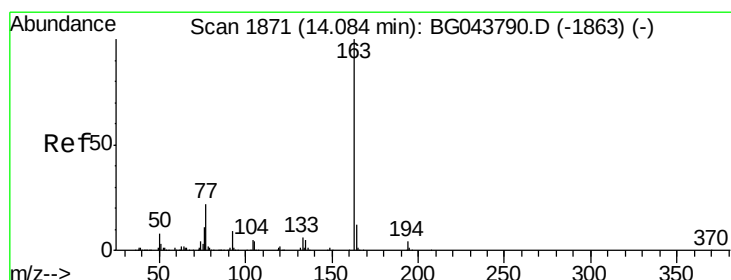
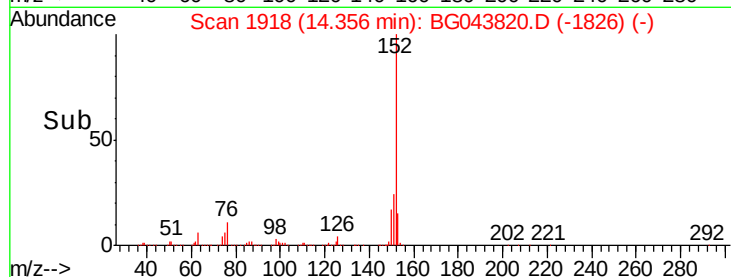
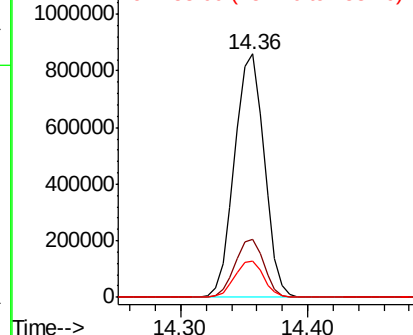
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.437 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

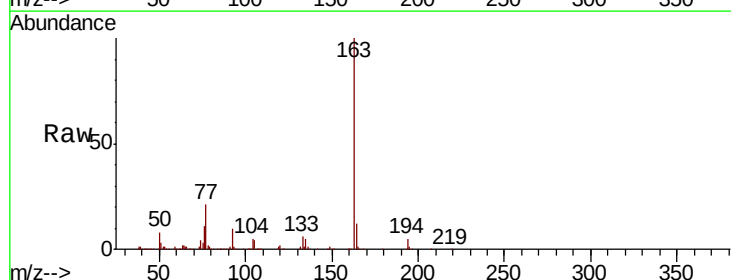
Tgt Ion:163 Resp: 1152230

Ion Ratio Lower Upper

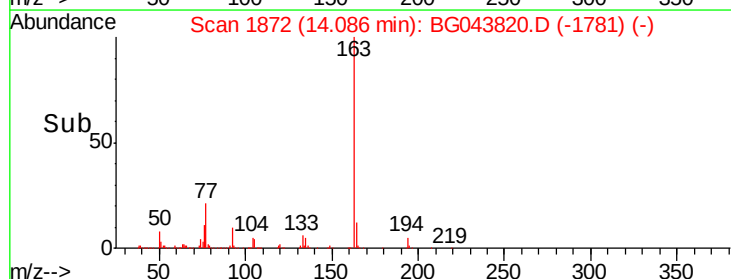
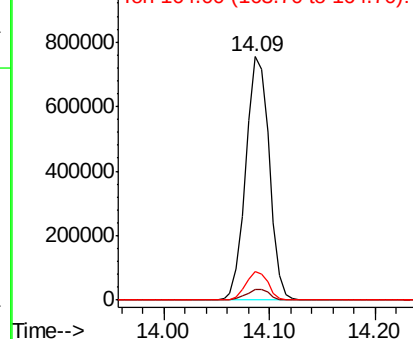
163 100

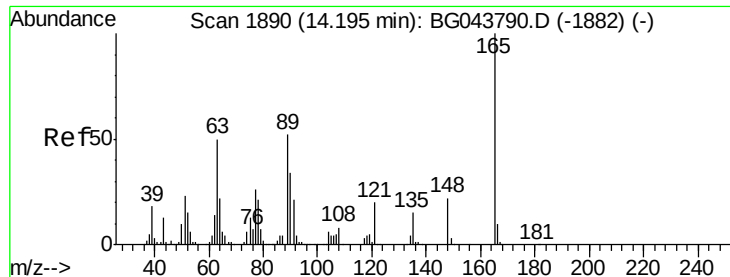
194 4.6 3.6 5.4

164 12.0 9.4 14.0



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





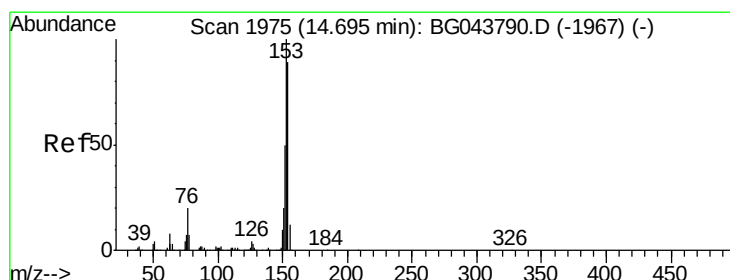
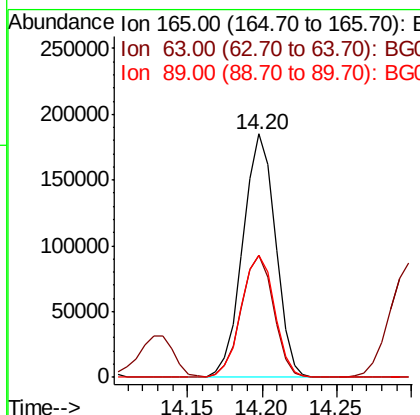
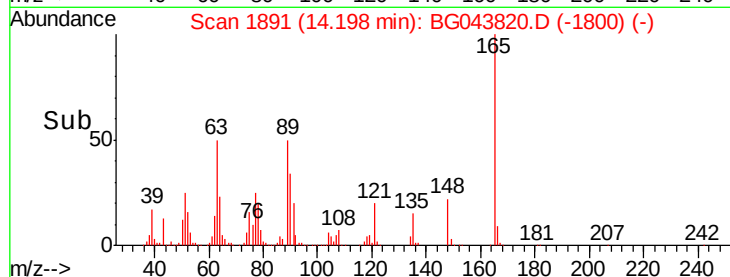
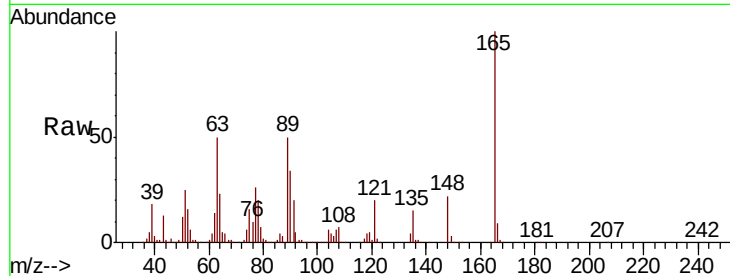
#51
 2,6-Dinitrotoluene
 Concen: 46.790 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Instrument :
 BNA_G
 ClientSampleId :
 PB125439BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.9	40.3	60.5
89	50.4	41.8	62.8

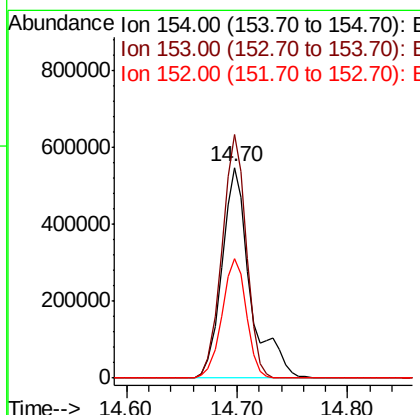
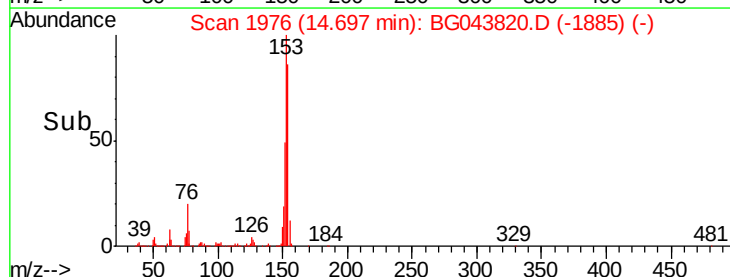
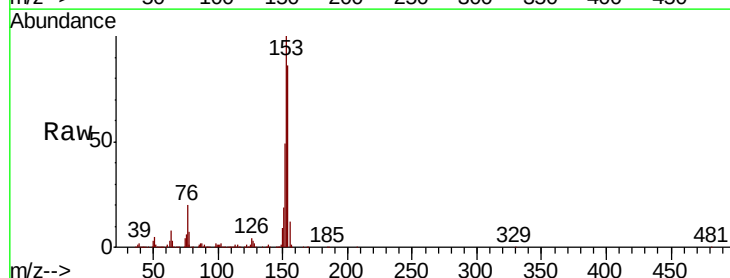
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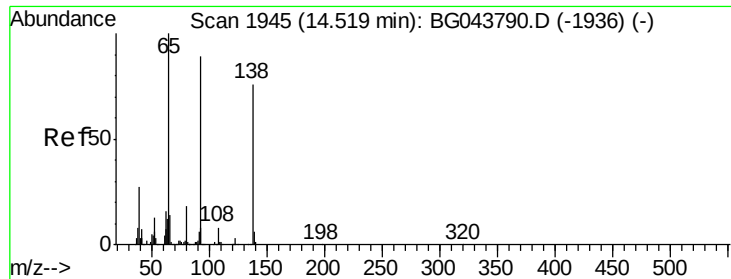
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#52
 Acenaphthene
 Concen: 45.778 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.6	89.5	134.3
152	56.9	45.0	67.4





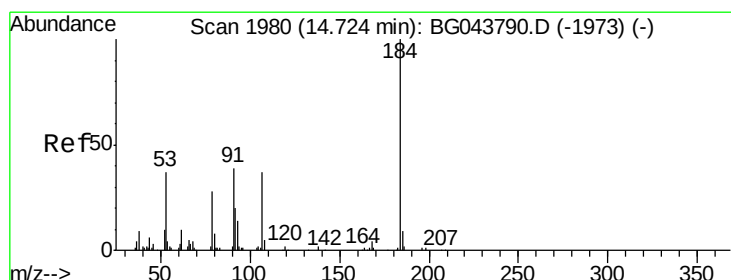
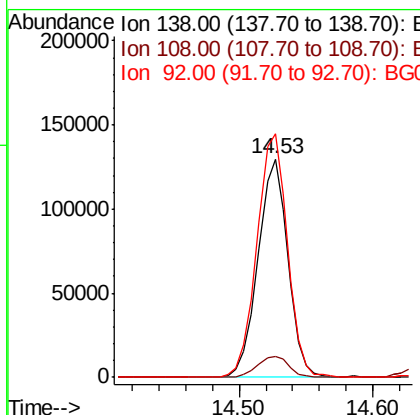
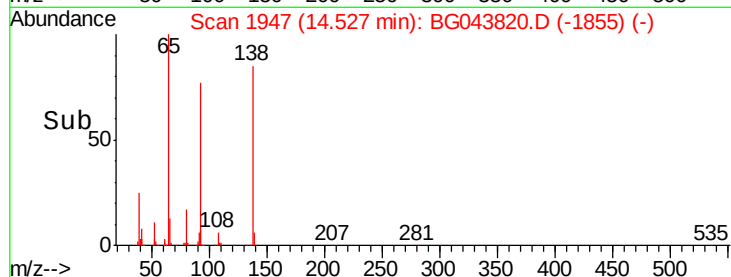
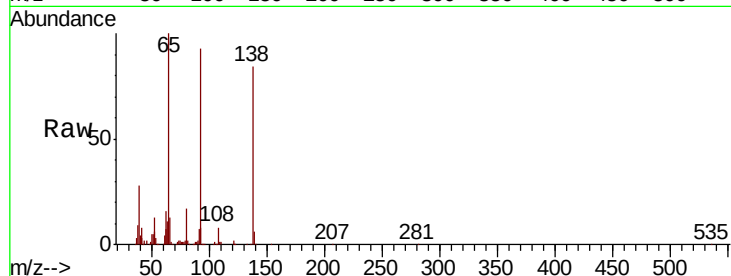
#53
3-Nitroaniline
Concen: 29.173 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	200048		
108	9.3		8.1	12.1
92	111.5		94.6	141.8

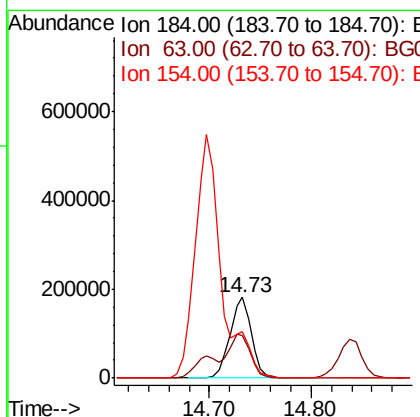
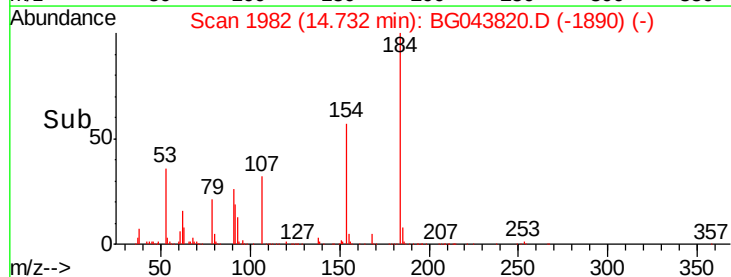
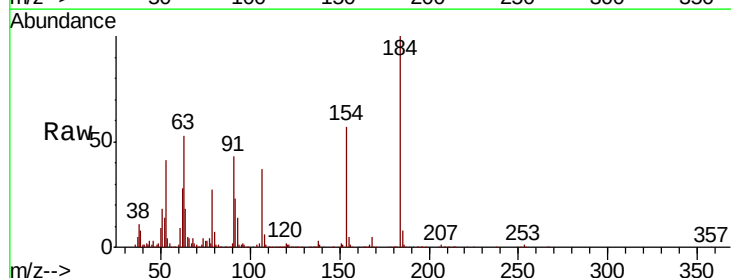
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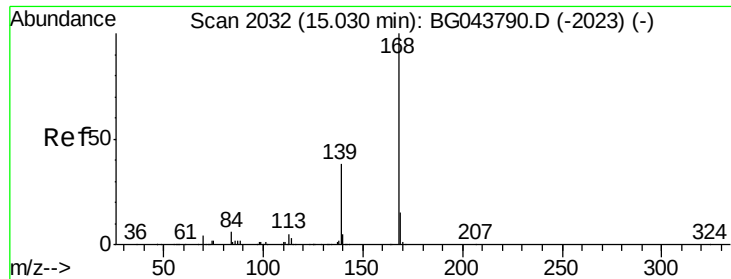
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#54
2,4-Dinitrophenol
Concen: 99.953 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	270464		
63	53.1		43.4	65.0
154	57.1		54.8	82.2





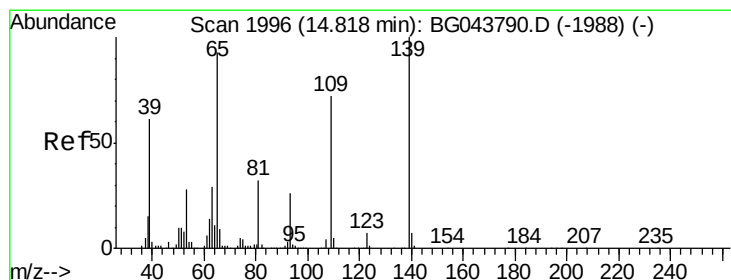
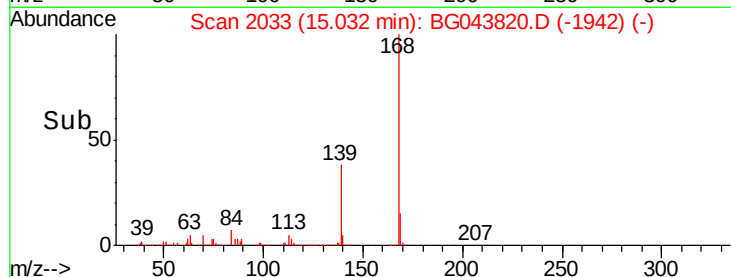
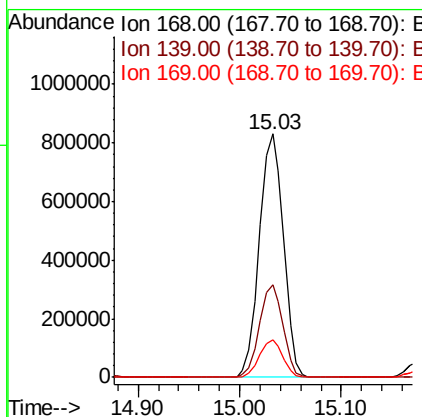
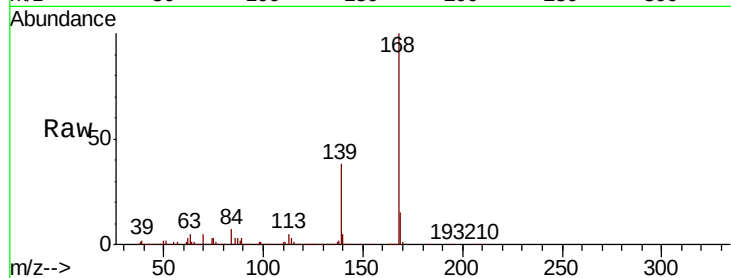
#55
Dibenzenofuran
Concen: 42.814 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.4	45.6
169	15.2	12.0	18.0

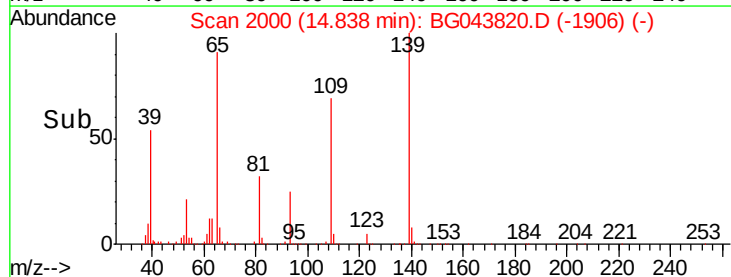
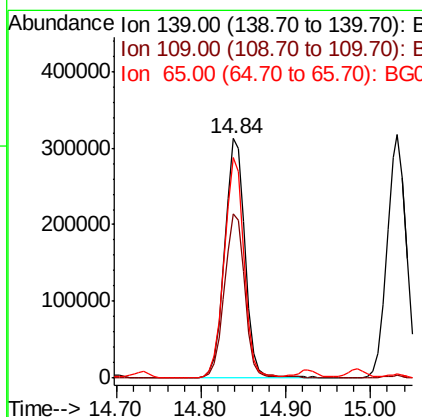
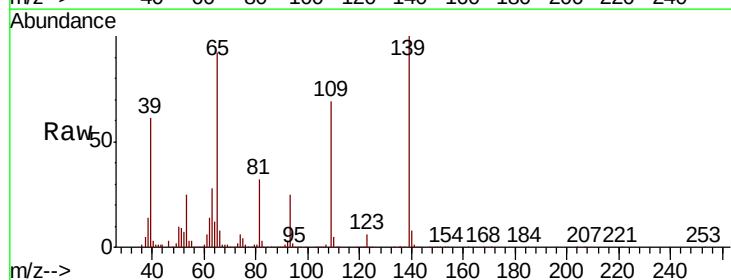
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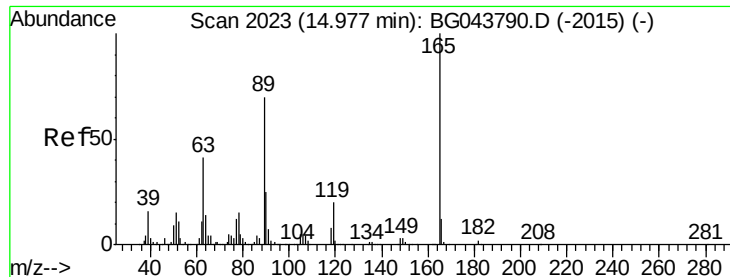
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#56
4-Nitrophenol
Concen: 103.371 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.02 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.7	51.5	91.5
65	92.2	73.7	113.7





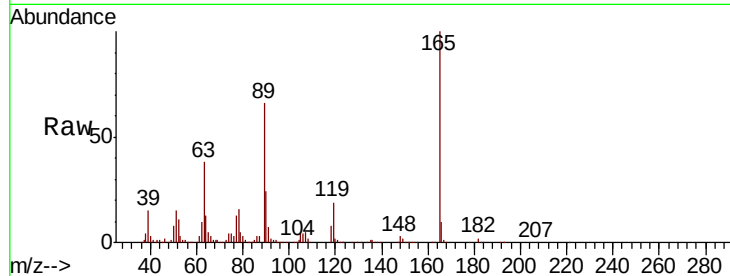
#57
2,4-Dinitrotoluene
Concen: 48.198 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

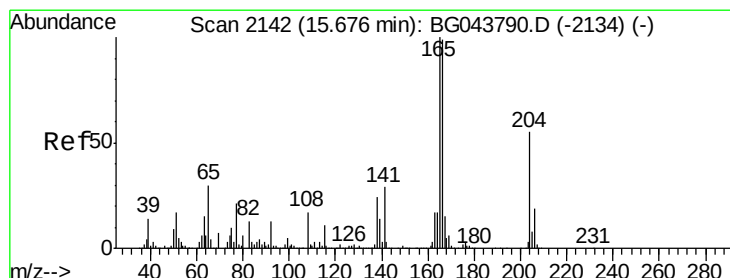
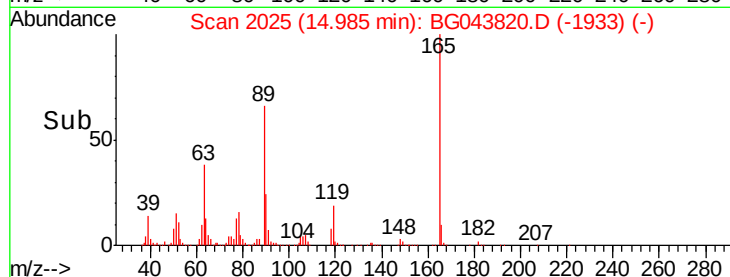
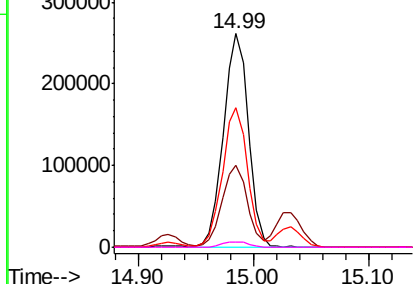
Tot Ion	Ratio	Resp	Lower	Upper
165	100	390254		
63	38.2		32.7	49.1
89	65.6		56.1	84.1
182	2.5		2.0	3.0

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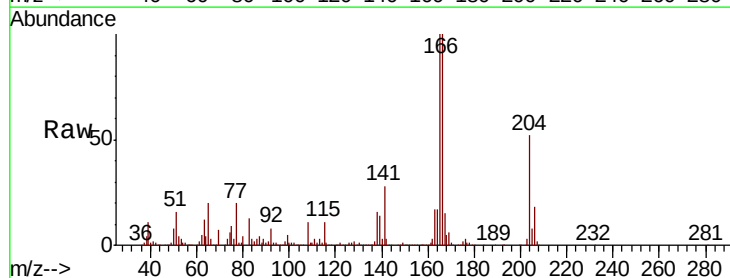


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

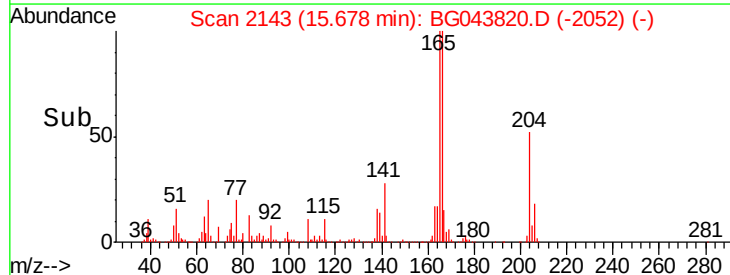
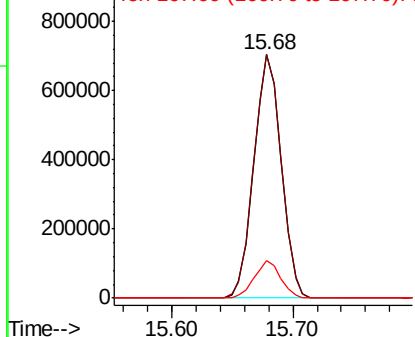


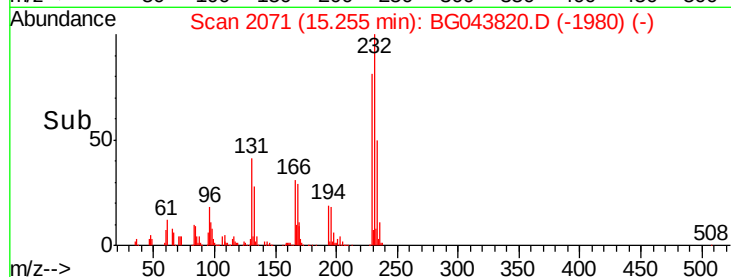
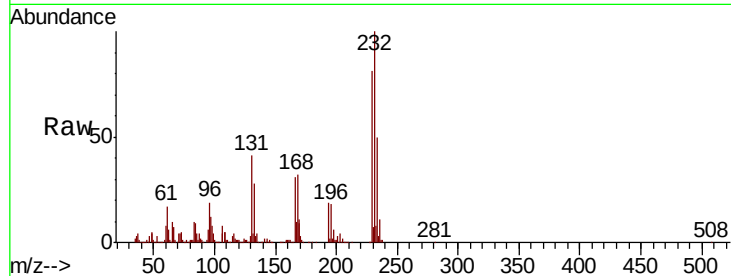
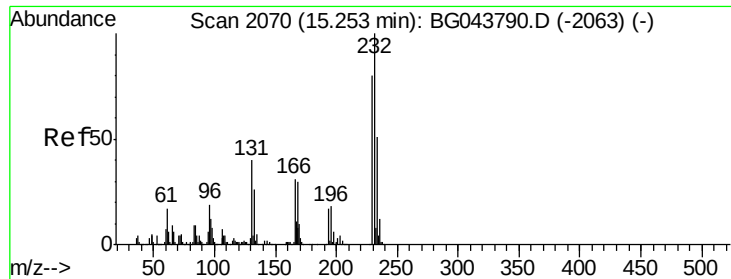
#58
Fluorene
Concen: 43.136 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1107423		
165	99.9		80.5	120.7
167	15.5		12.1	18.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





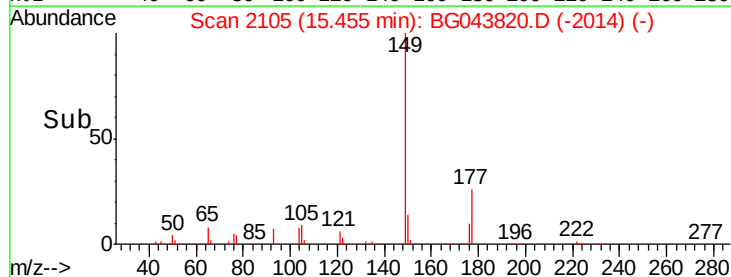
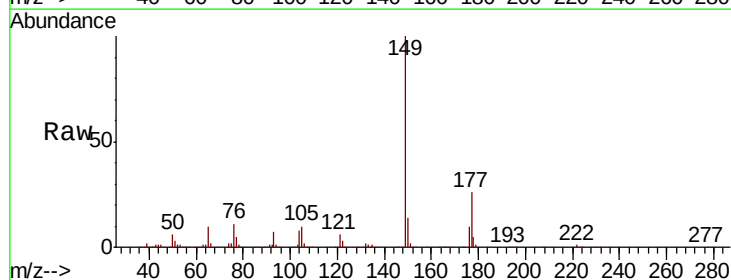
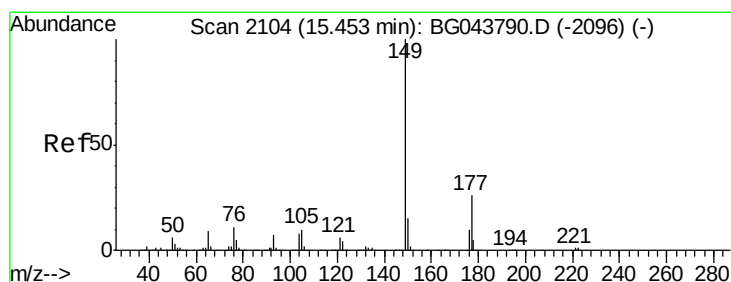
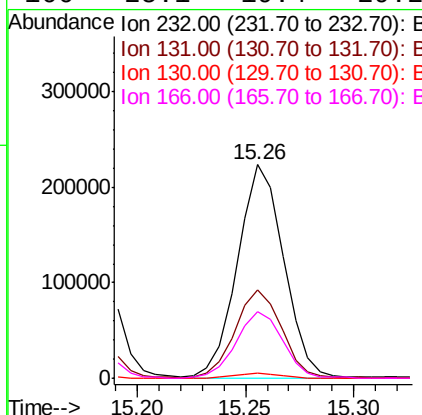
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.537 ng m
RT: 15.26 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.7	27.9	41.9
130	2.4	1.8	2.8
166	25.1	19.4	29.2

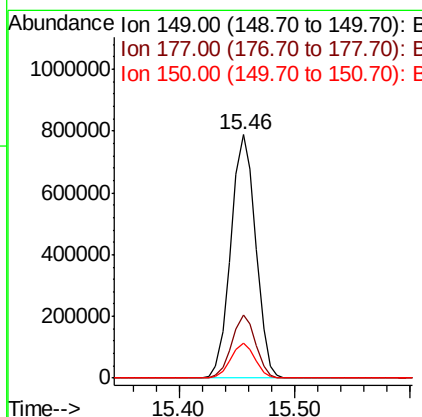
Manual Integrations
APPROVED

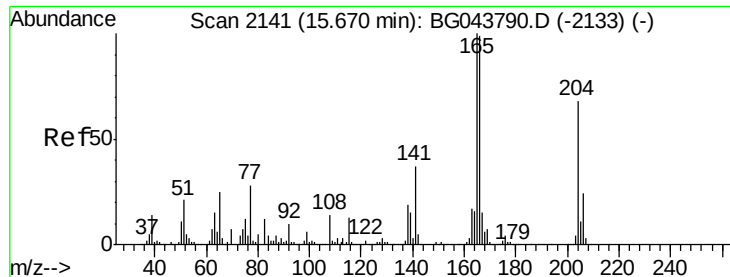
mohammad
12/18/2019 2:40:42 PM



#60
Diethylphthalate
Concen: 42.220 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.0	20.4	30.6
150	14.4	11.6	17.4





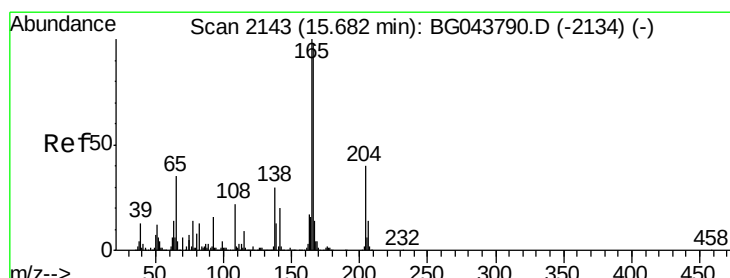
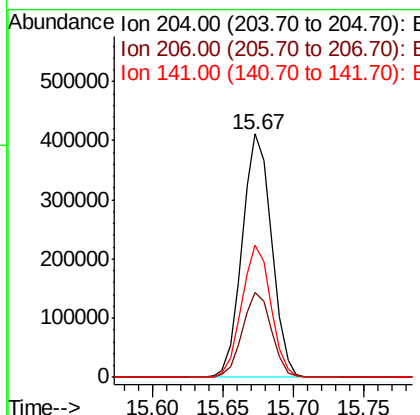
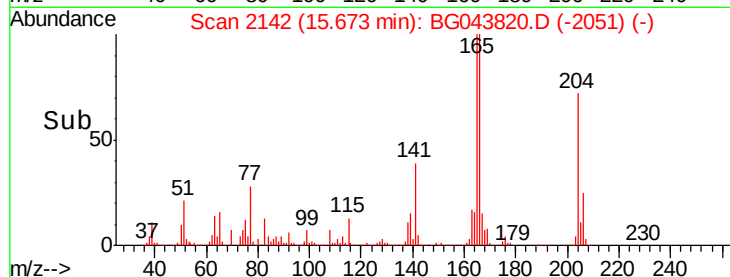
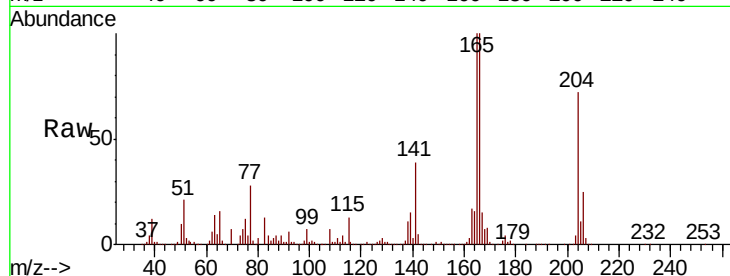
#61
 4-Chlorophenyl-phenylether
 Concen: 41.732 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Instrument :
 BNA_G
 ClientSampleID :
 PB125439BS

Tot Ion:	204	Resp:	600027
Ion Ratio	Lower	Upper	
204	100		
206	34.7	28.1	42.1
141	54.2	44.1	66.1

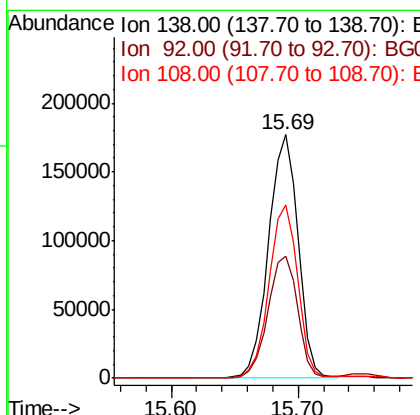
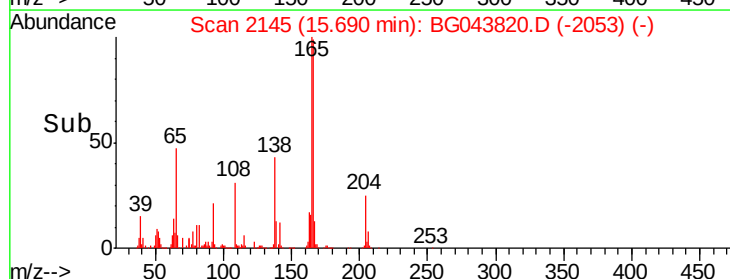
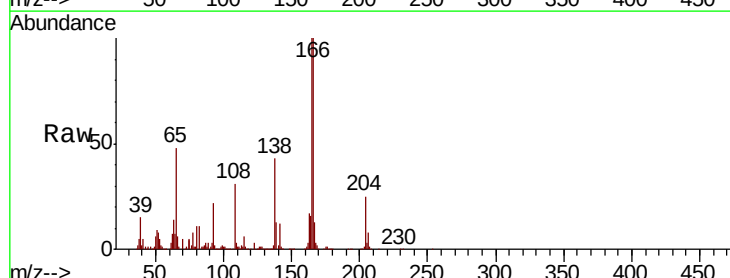
Manual Integrations
 APPROVED

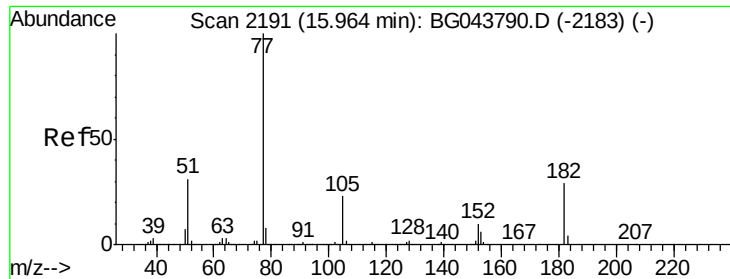
mohammad
 12/18/2019 2:40:42 PM



#62
 4-Nitroaniline
 Concen: 40.354 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. 0.01 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion:	138	Resp:	286726
Ion Ratio	Lower	Upper	
138	100		
92	50.0	31.5	71.5
108	71.3	53.1	93.1





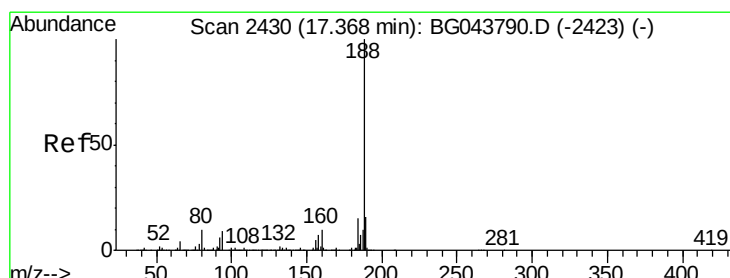
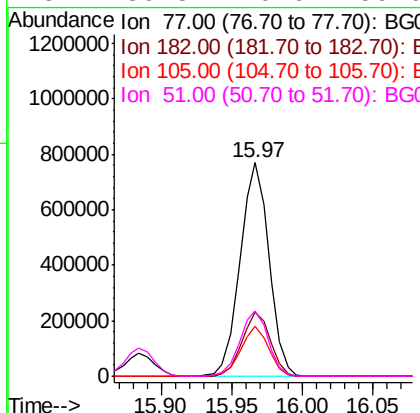
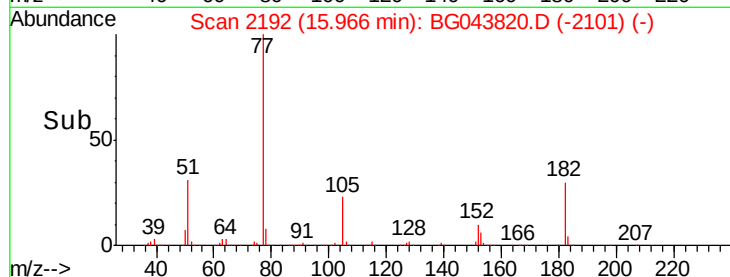
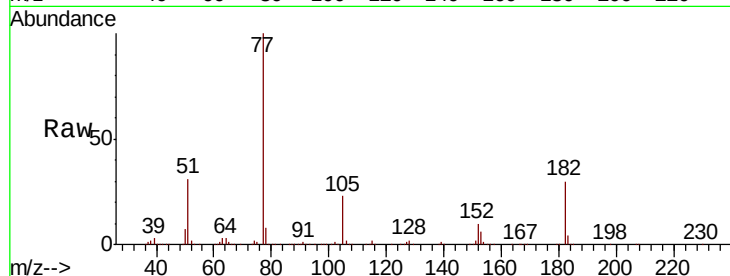
#63
Azobenzene
Concen: 42.888 ng
RT: 15.97 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	77	Resp	1094356
Ion	Ratio	Lower	Upper
77	100		
182	30.2	9.0	49.0
105	23.2	2.9	42.9
51	30.8	10.6	50.6

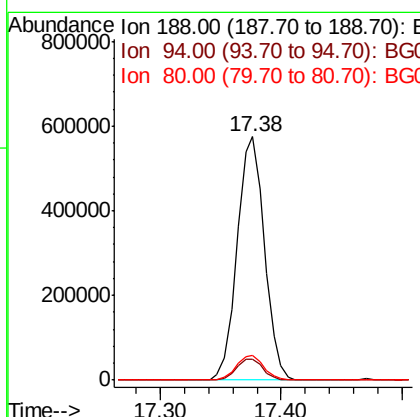
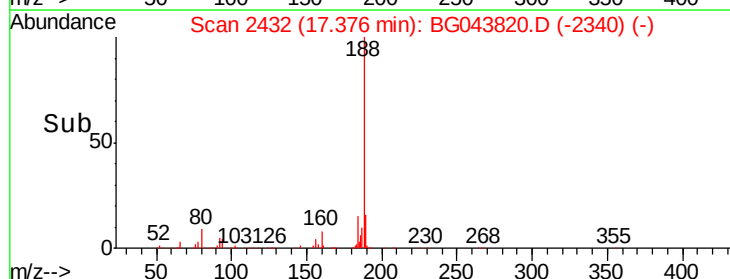
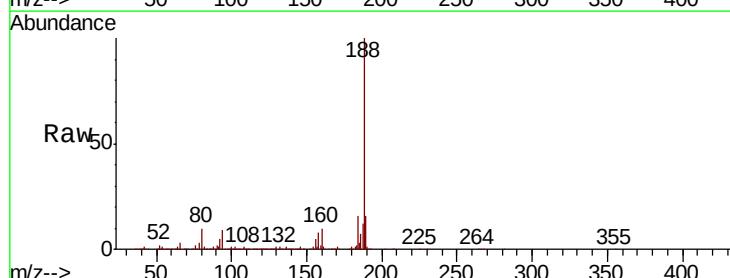
Manual Integrations
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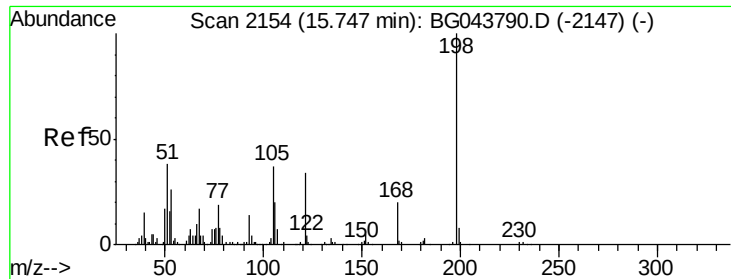
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	188	Resp	905870
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.9	7.8	11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 53.983 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

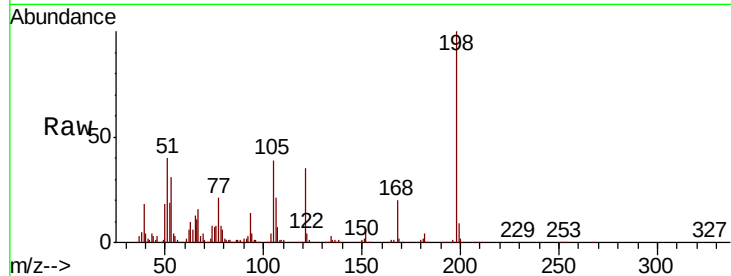
ClientSampleId :

PB125439BS

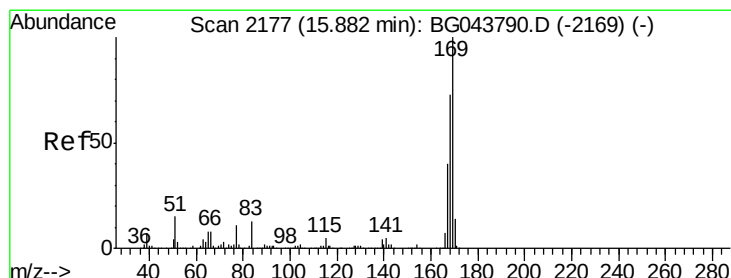
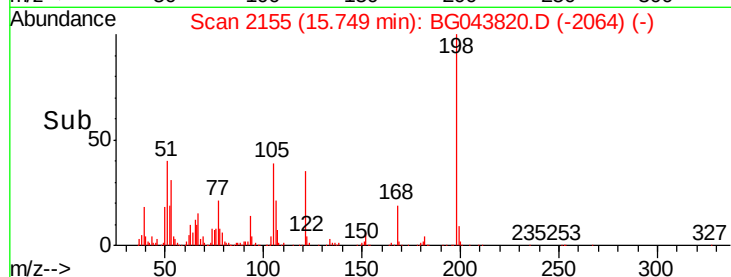
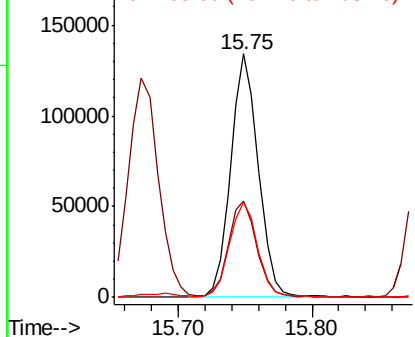
Tot Ion:	198	Resp:	193829
Ion Ratio	Lower	Upper	
198	100		
51	39.8	18.9	58.9
105	39.0	18.1	58.1

Manual Integrations
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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: 41.967 ng

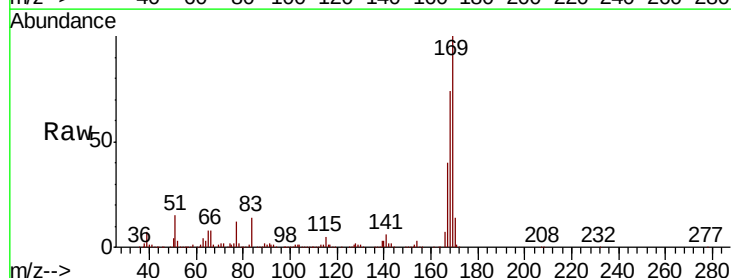
RT: 15.88 min Scan# 2178

Delta R.T. 0.00 min

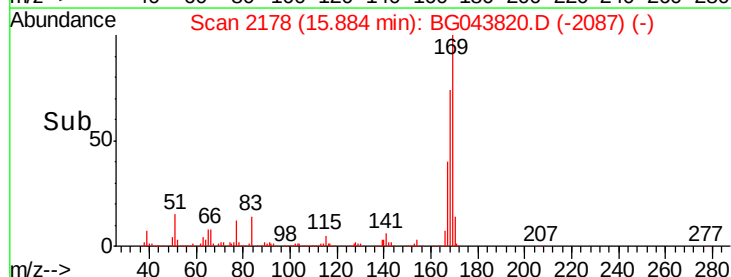
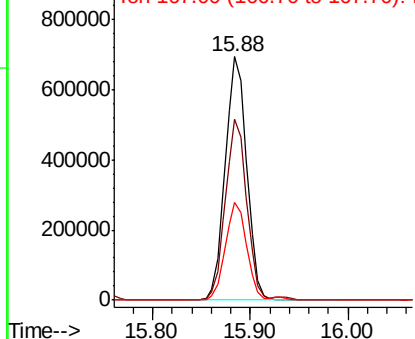
Lab File: BG043820.D

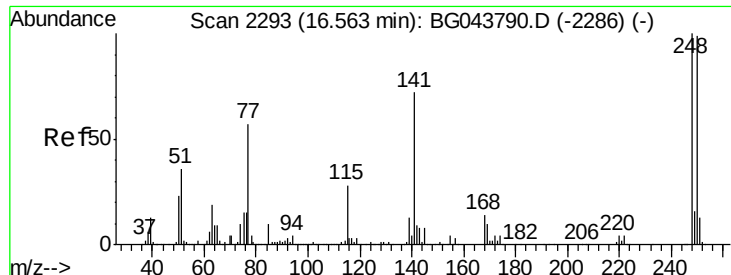
Acq: 17 Dec 2019 15:24

Tgt Ion:	169	Resp:	1056614
Ion Ratio	Lower	Upper	
169	100		
168	74.1	58.5	87.7
167	40.3	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





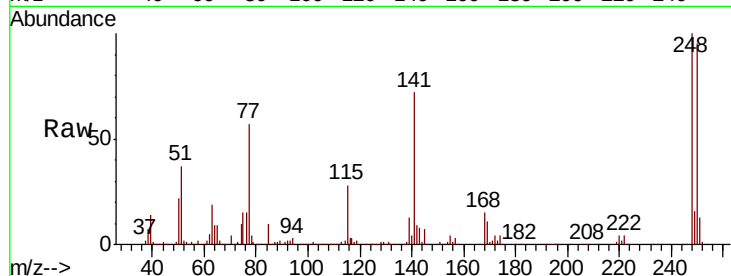
#67
4-Bromophenyl-phenylether
Concen: 39.750 ng
RT: 16.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	79.0	118.6
141	72.0	57.8	86.6

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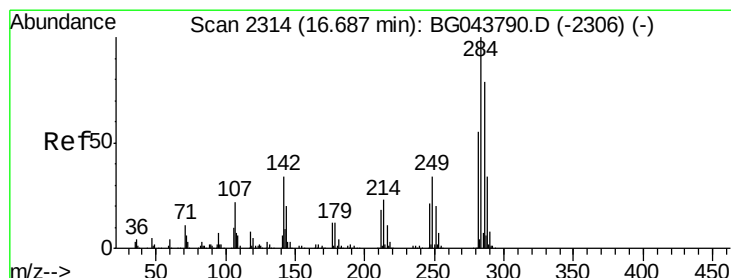
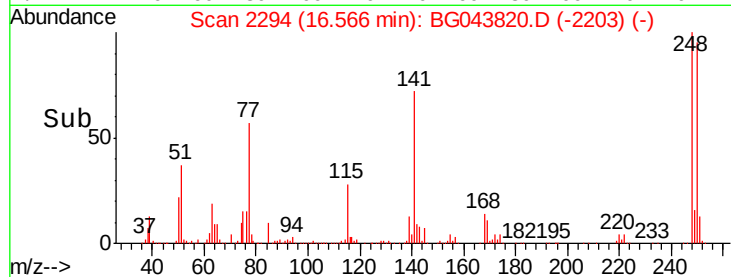
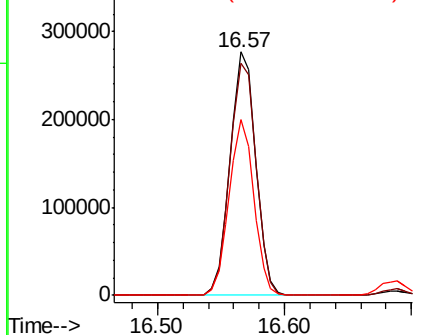


Abundance

Ion 248.00 (247.70 to 248.70): E

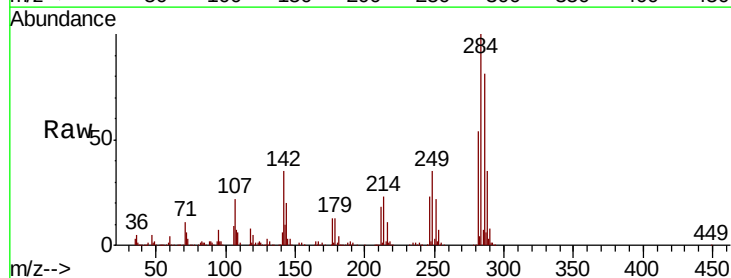
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.915 ng
RT: 16.69 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	27.0	40.6
249	34.5	27.2	40.8

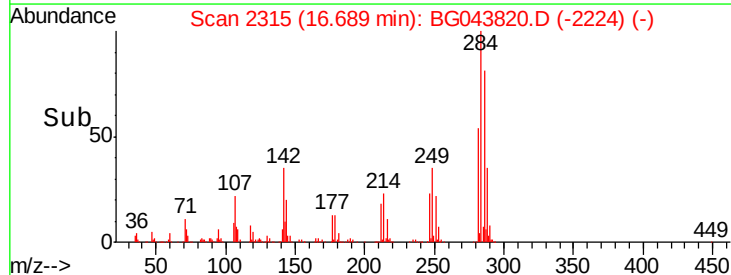
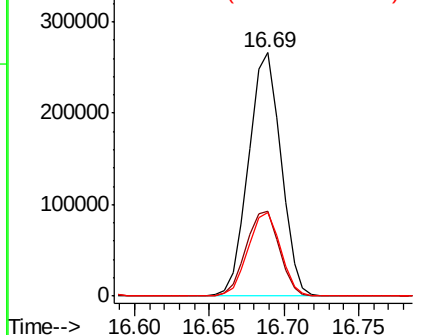


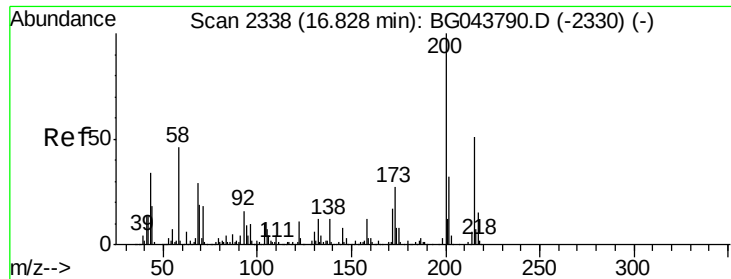
Abundance

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





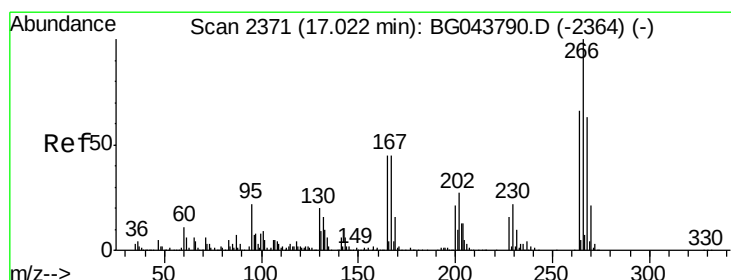
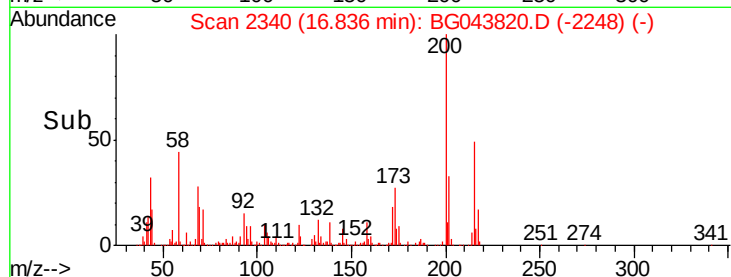
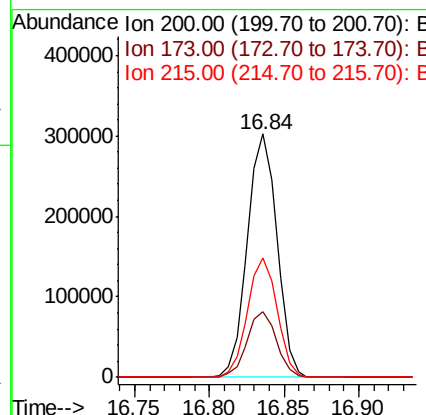
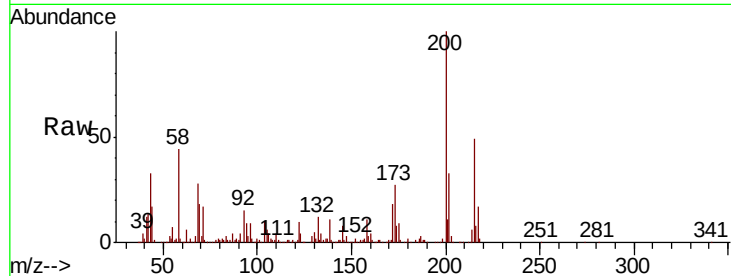
#69
Atrazine
Concen: 51.924 ng
RT: 16.84 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	416767		
173	26.9	7.4	47.4	
215	49.3	30.5	70.5	

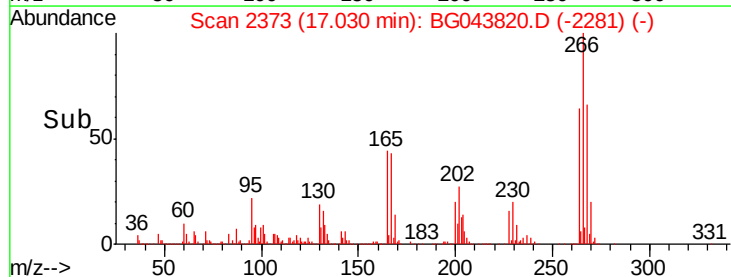
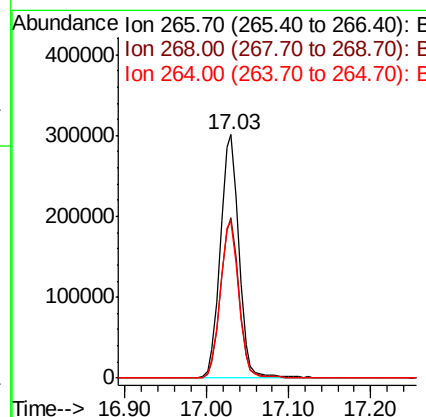
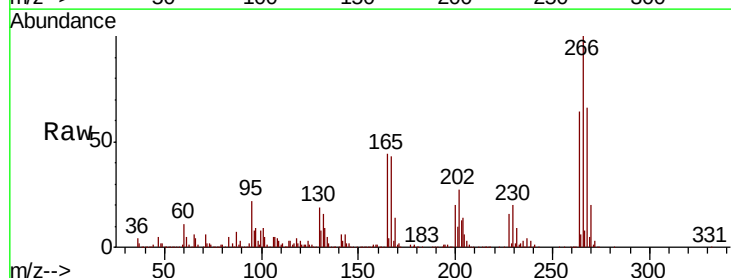
Manual Integrations
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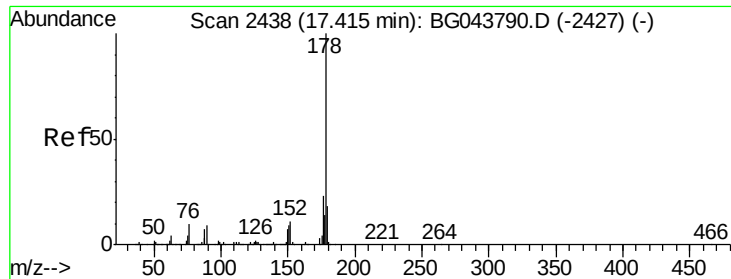
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#70
Pentachlorophenol
Concen: 87.786 ng
RT: 17.03 min Scan# 2373
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	479667		
268	65.7	50.8	76.2	
264	64.2	53.0	79.4	





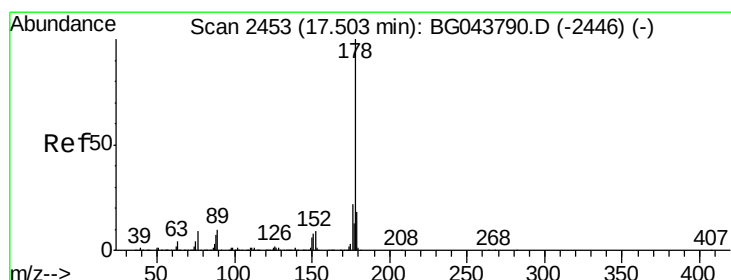
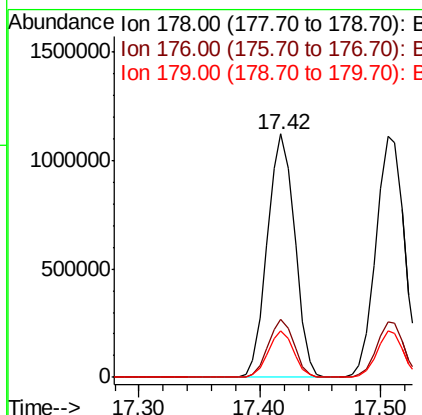
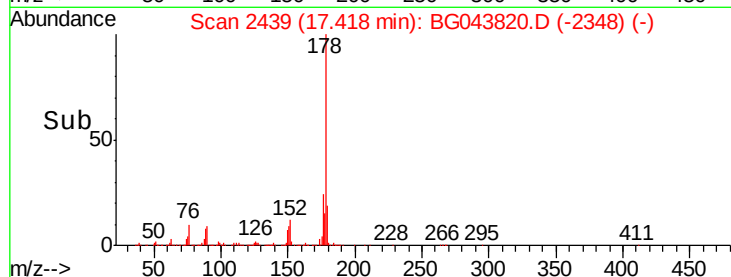
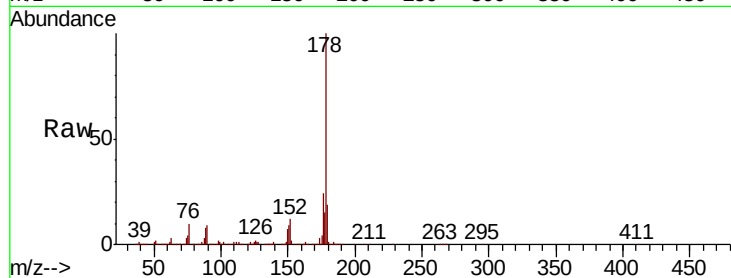
#71
Phenanthrene
Concen: 41.103 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.6	18.6	27.8
179	19.0	14.7	22.1

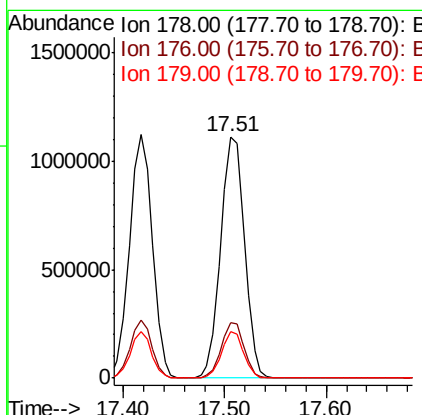
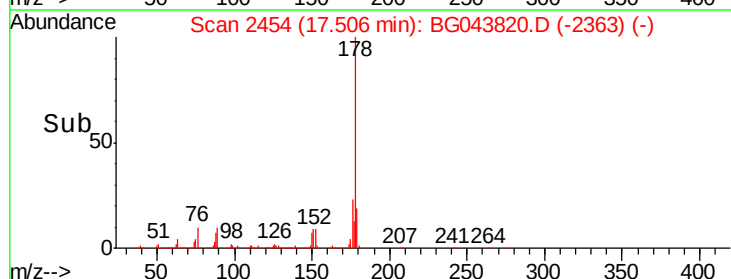
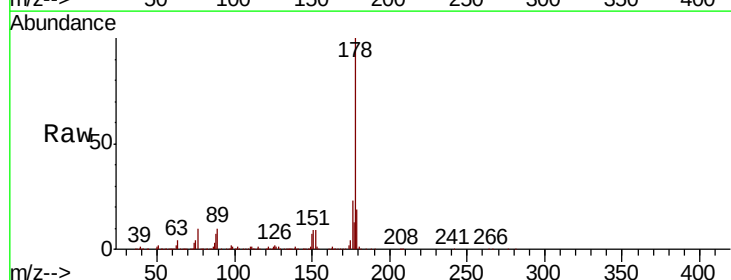
Manual Integrations
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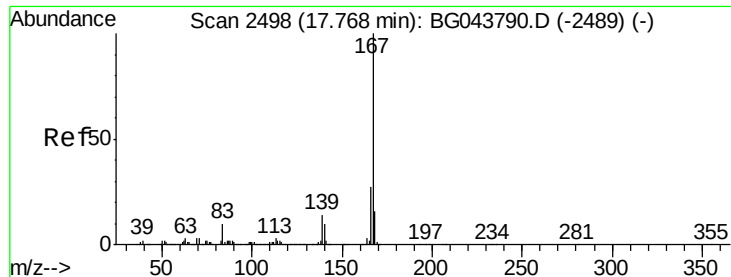
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#72
Anthracene
Concen: 43.127 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.0	17.7	26.5
179	19.2	14.5	21.7





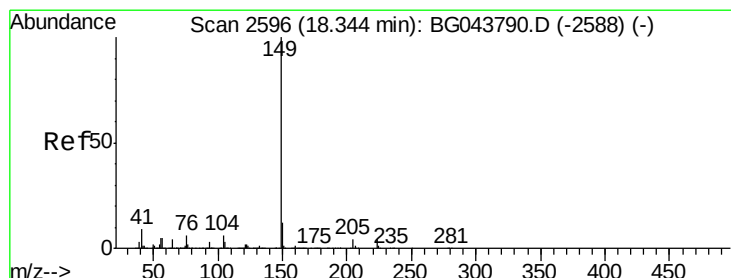
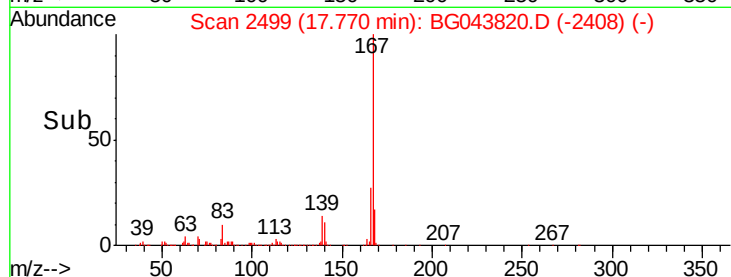
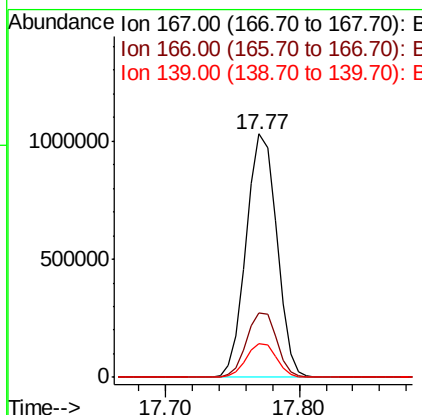
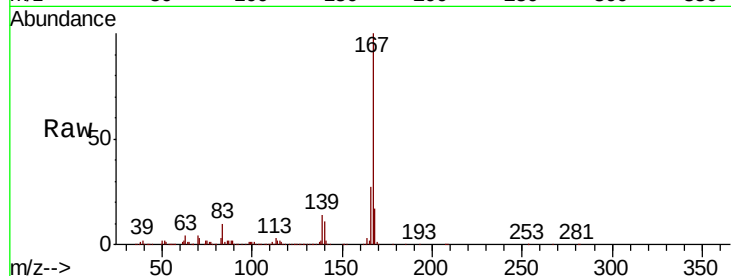
#73
 Carbazole
 Concen: 41.146 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Instrument :
 BNA_G
 ClientSampled :
 PB125439BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.7	21.4	32.2
139	14.1	11.0	16.4

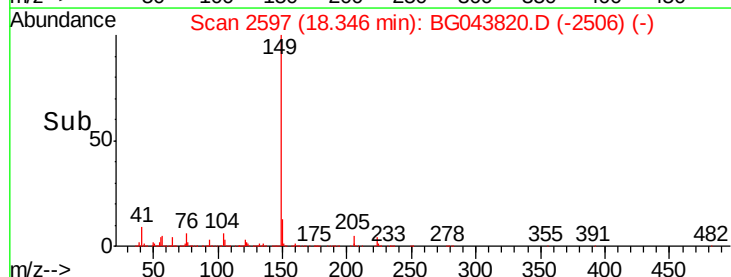
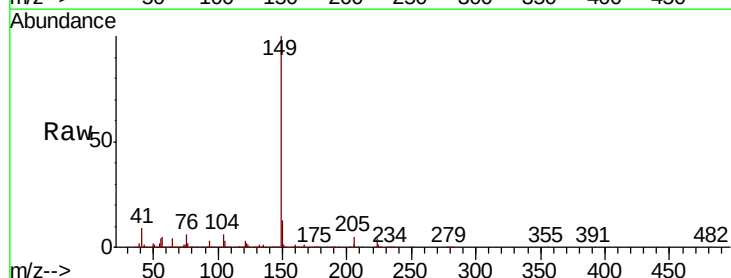
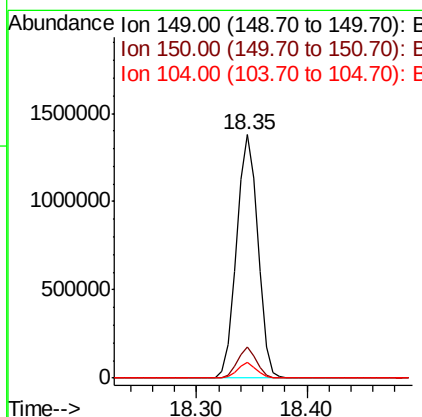
Manual Integrations
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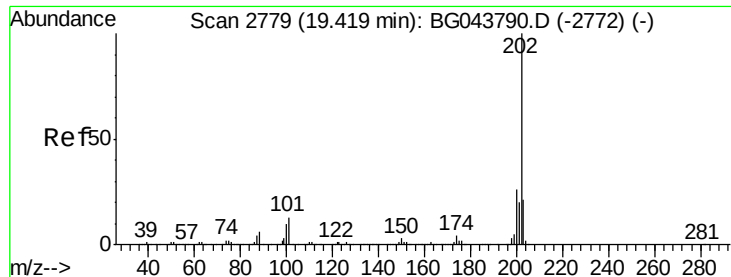
mohammad
 12/18/2019 2:40:42 PM



#74
 Di-n-butylphthalate
 Concen: 41.179 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.5	9.4	14.0
104	6.3	4.8	7.2





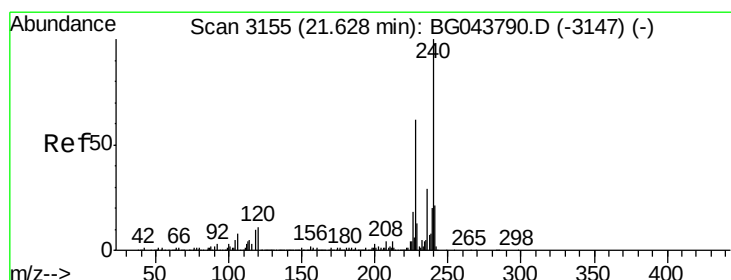
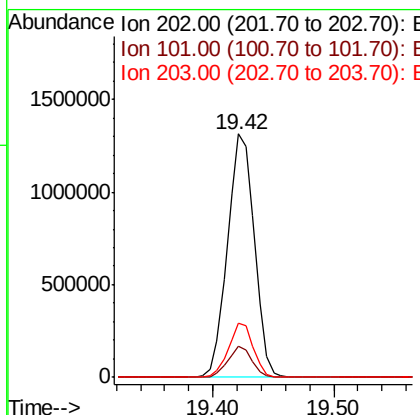
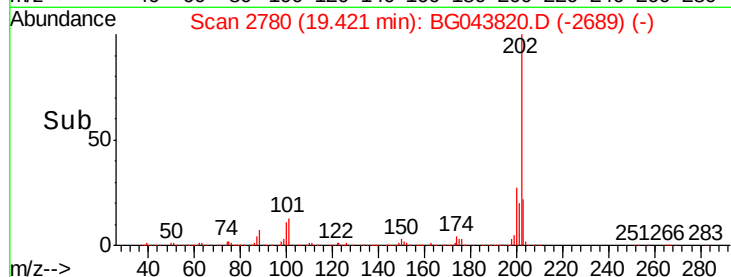
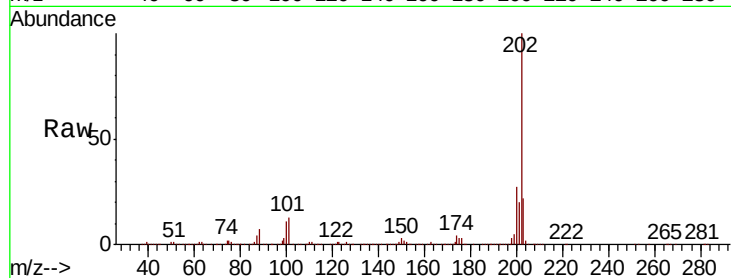
#75
Fluoranthene
Concen: 41.241 ng
RT: 19.42 min Scan# 2780
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.7
203	22.4	1.0	41.0

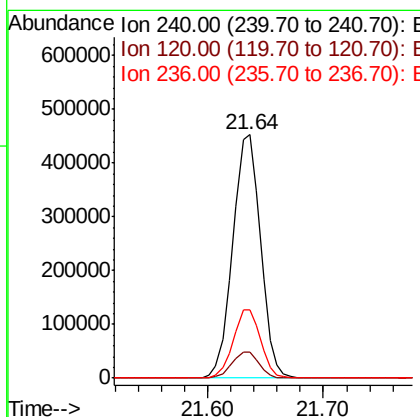
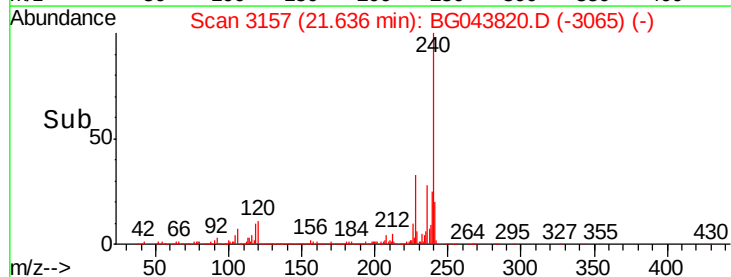
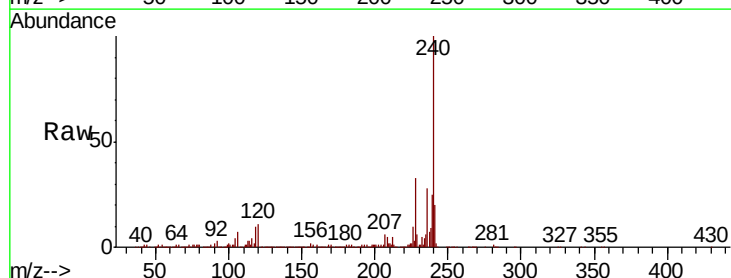
Manual Integrations
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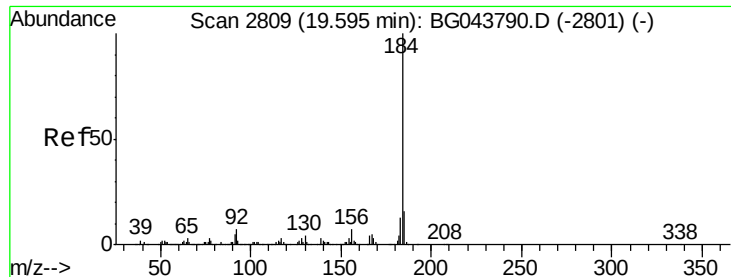
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.6	12.8
236	28.1	23.1	34.7





#77

Benzidine

Concen: 57.267 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

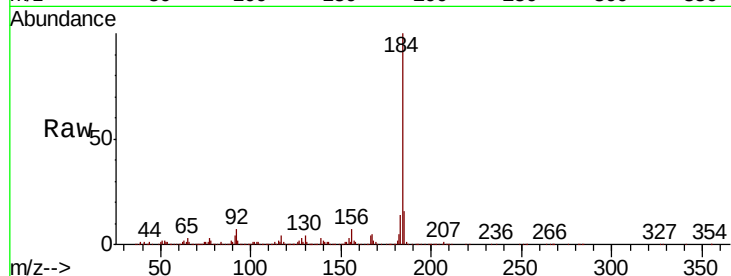
ClientSampleId :

PB125439BS

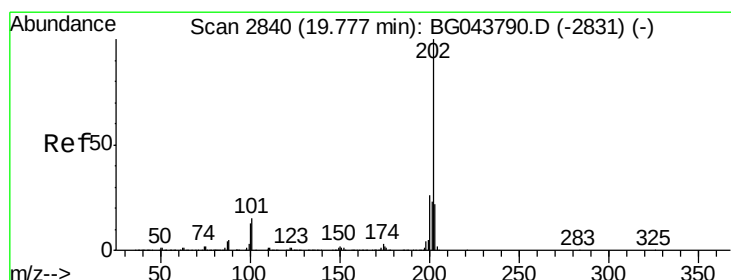
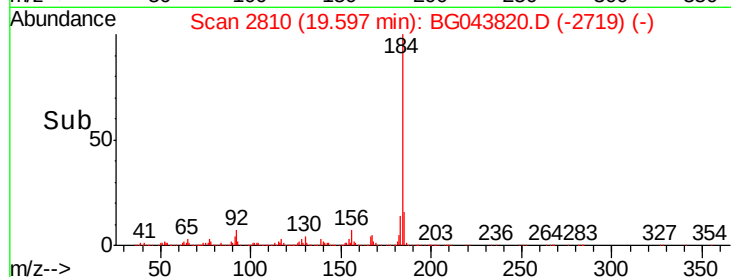
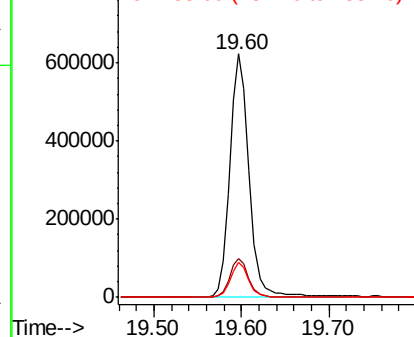
Tot Ion:	184	Resp:	943557
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.9	19.3
183	14.4	10.3	15.5

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.182 ng

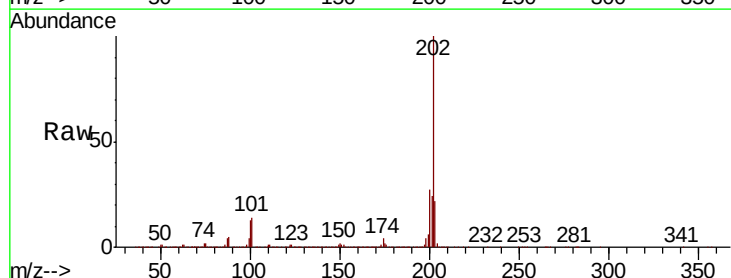
RT: 19.79 min Scan# 2842

Delta R.T. 0.01 min

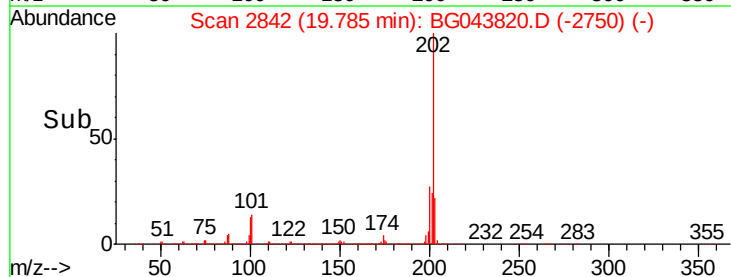
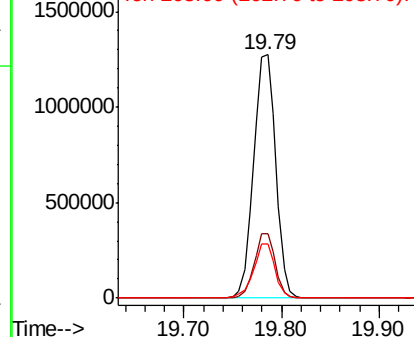
Lab File: BG043820.D

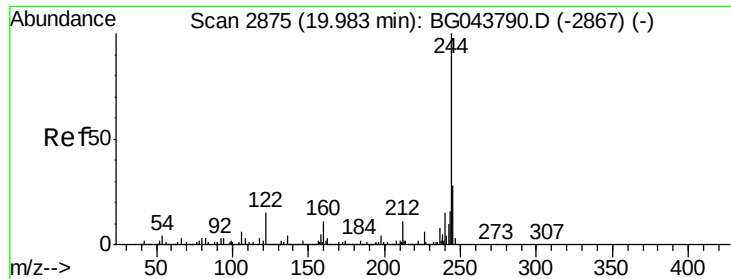
Acq: 17 Dec 2019 15:24

Tgt Ion:	202	Resp:	2032535
Ion Ratio	Lower	Upper	
202	100		
200	26.7	20.8	31.2
203	22.0	17.7	26.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.728 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

PB125439BS

Tot Ion:244 Resp: 2534262

Ion Ratio Lower Upper

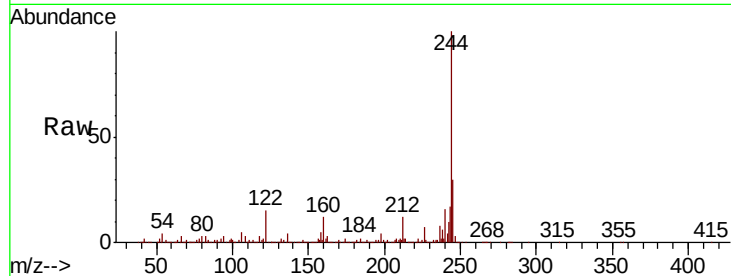
244 100

212 11.9 9.1 13.7

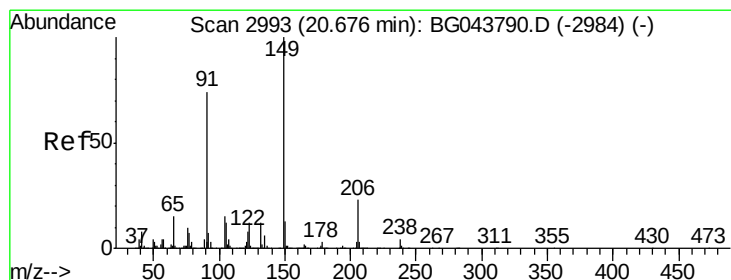
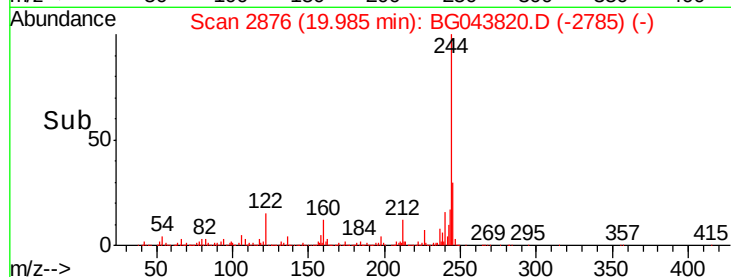
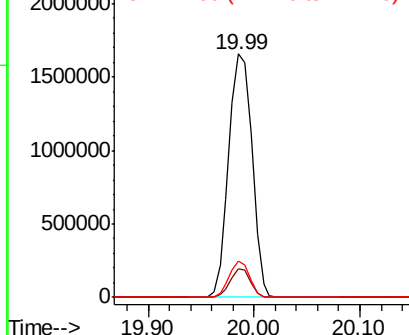
122 14.8 11.6 17.4

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



#80

Butylbenzylphthalate

Concen: 43.984 ng

RT: 20.68 min Scan# 2994

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

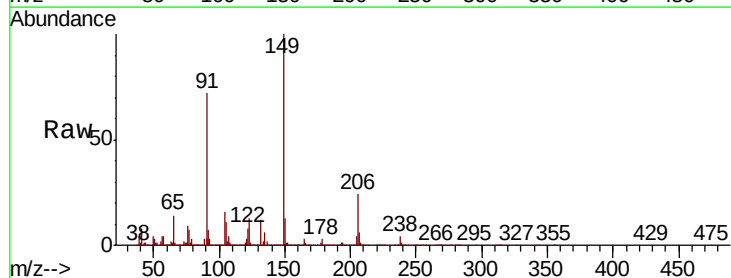
Tgt Ion:149 Resp: 904117

Ion Ratio Lower Upper

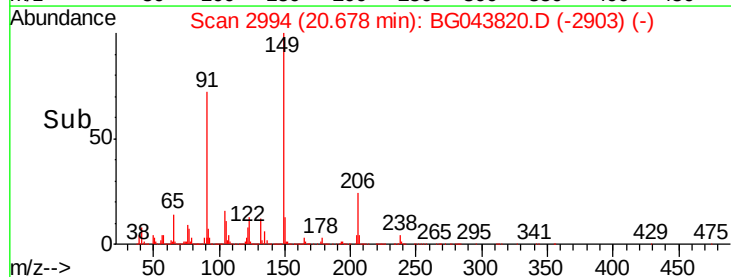
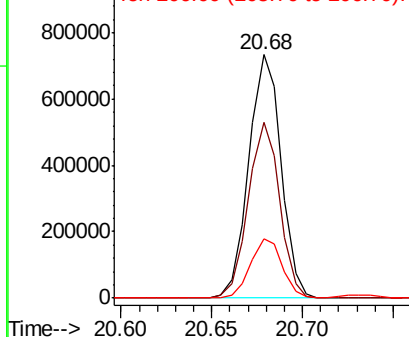
149 100

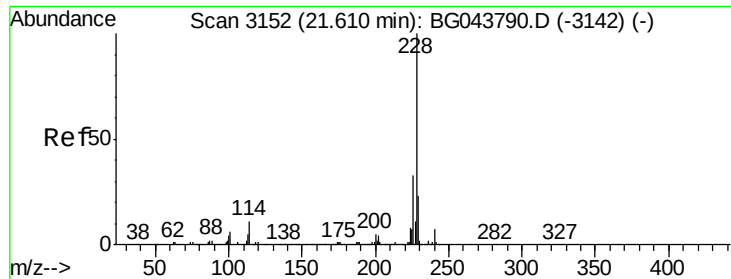
91 72.1 59.0 88.4

206 24.3 18.6 28.0



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





#81

Benzo(a)anthracene

Concen: 41.466 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

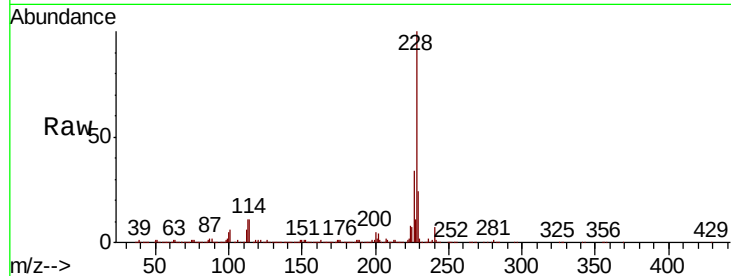
ClientSampleId :

PB125439BS

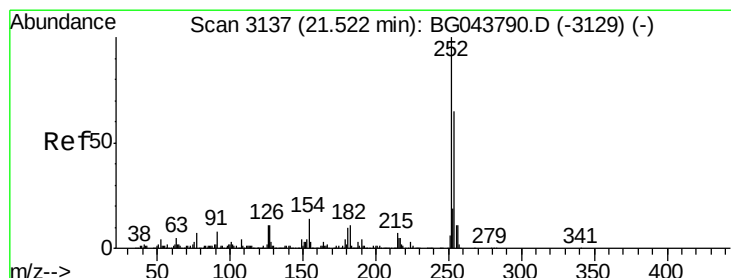
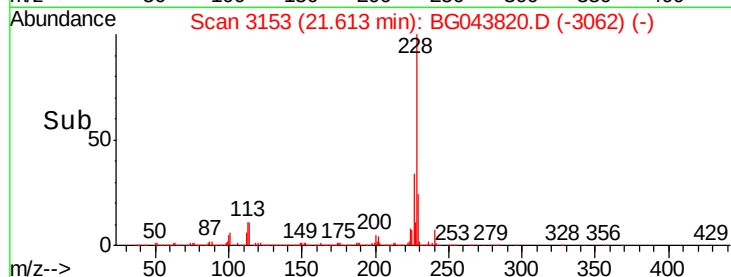
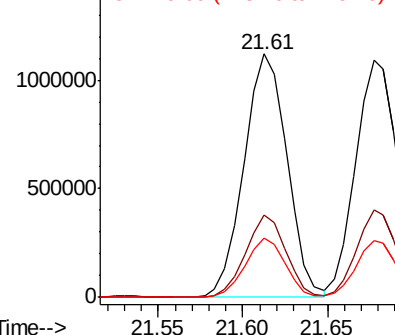
Tot Ion:	228	Resp:	1976506
Ion	Ratio	Lower	Upper
228	100		
226	33.8	26.1	39.1
229	24.2	18.6	27.8

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Abundance Ion 228.00 (227.70 to 228.70): E
1500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.443 ng

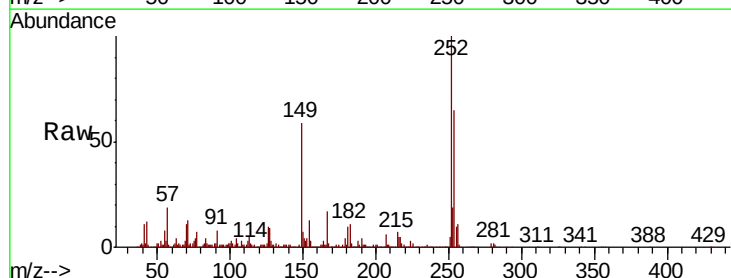
RT: 21.53 min Scan# 3139

Delta R.T. 0.01 min

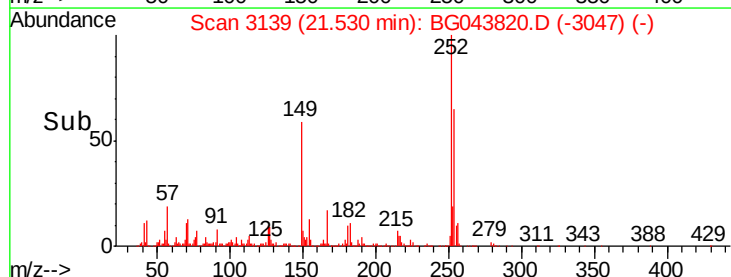
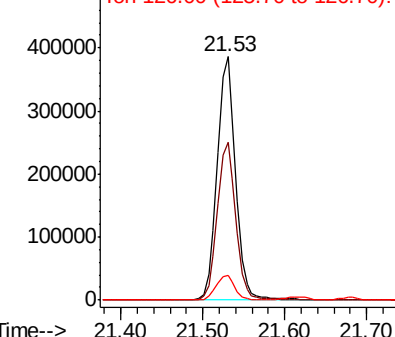
Lab File: BG043820.D

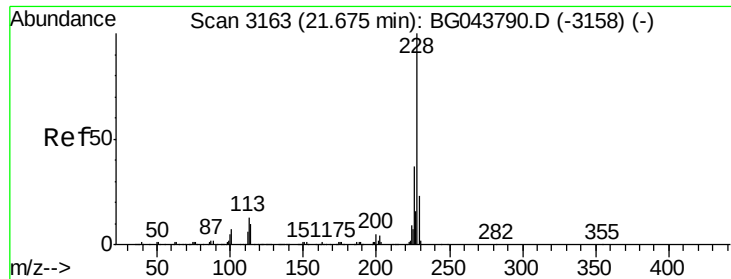
Acq: 17 Dec 2019 15:24

Tgt Ion:	252	Resp:	606486
Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.2	78.2
126	10.1	8.7	13.1



Abundance Ion 252.00 (251.70 to 252.70): E
500000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





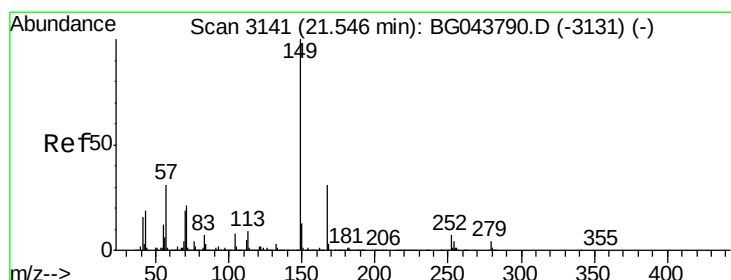
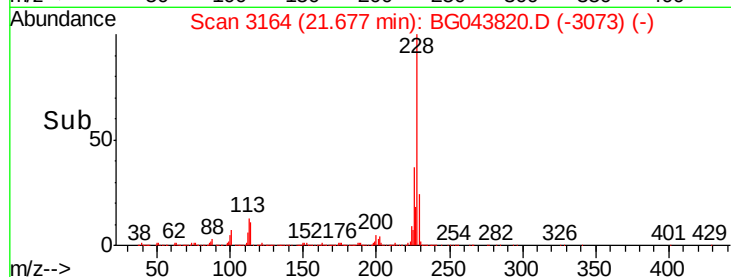
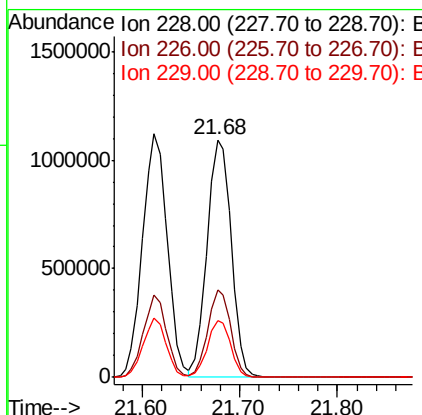
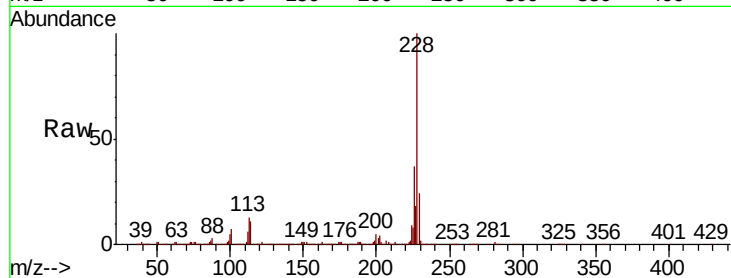
#83
 Chrysene
 Concen: 41.255 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Instrument :
 BNA_G
 ClientSampleId :
 PB125439BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.9	29.1	43.7
229	24.1	18.6	28.0

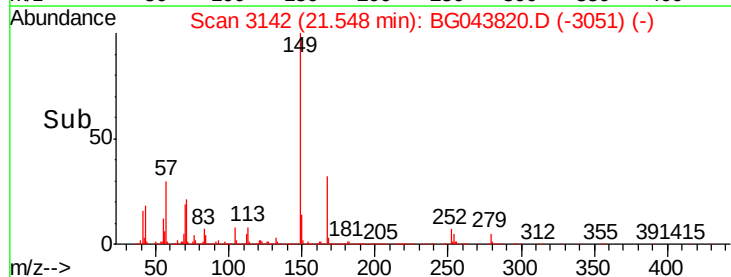
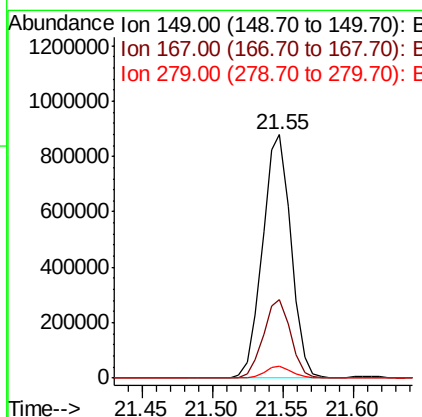
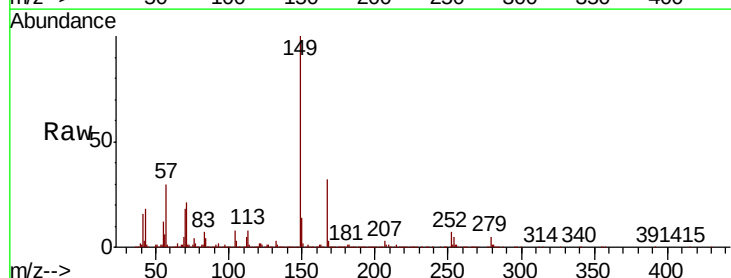
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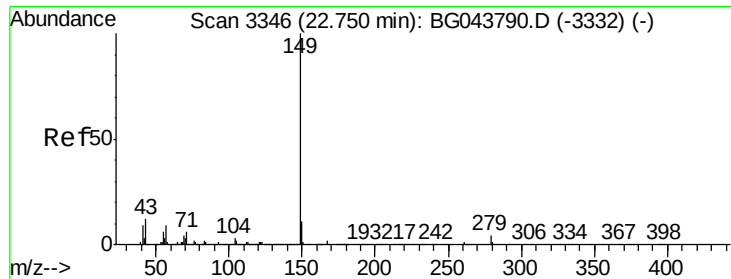
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.108 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.5	25.1	37.7
279	5.0	3.5	5.3





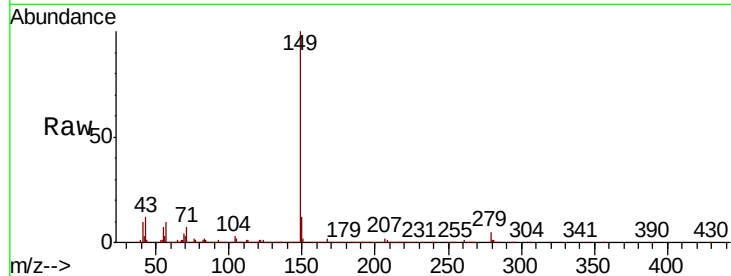
#85
Di-n-octyl phthalate
Concen: 44.503 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	10.8	8.8	13.2

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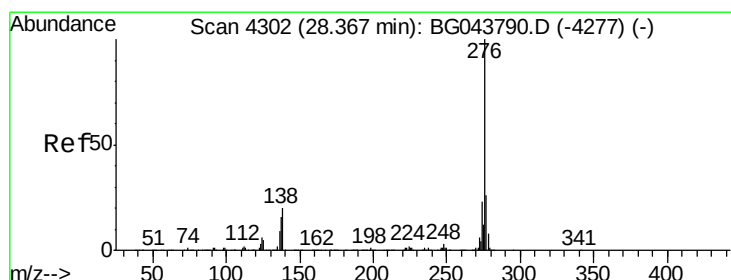
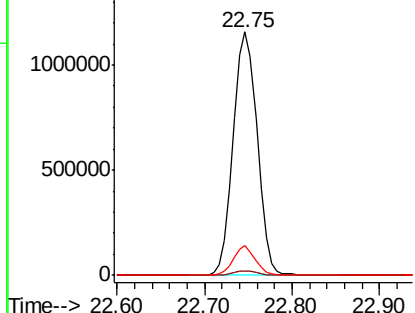
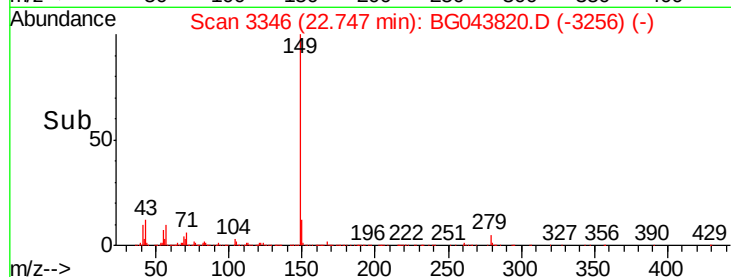


Abundance

Ion 149.00 (148.70 to 149.70): E

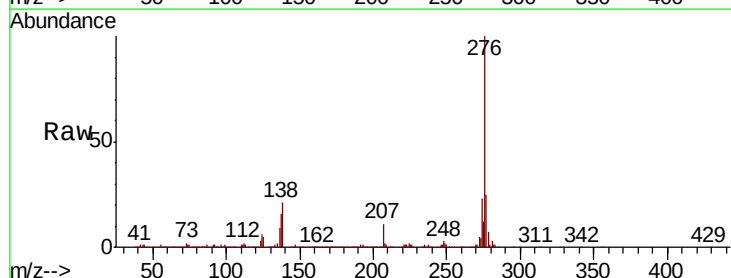
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.829 ng
RT: 28.38 min Scan# 4304
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.9	14.6	21.8#
277	25.0	21.2	31.8

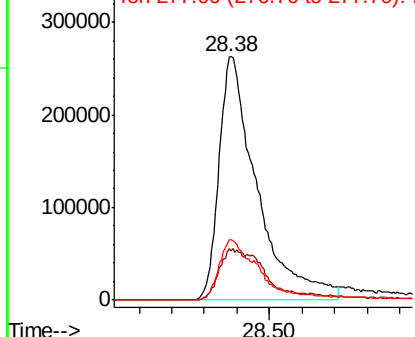
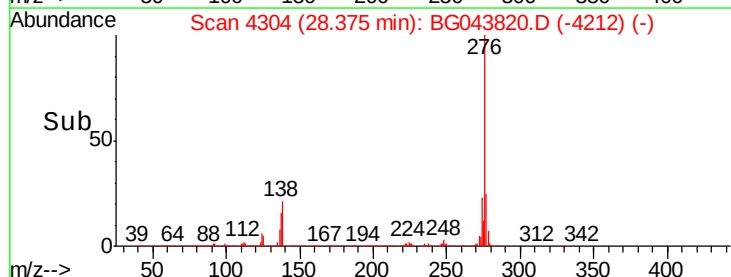


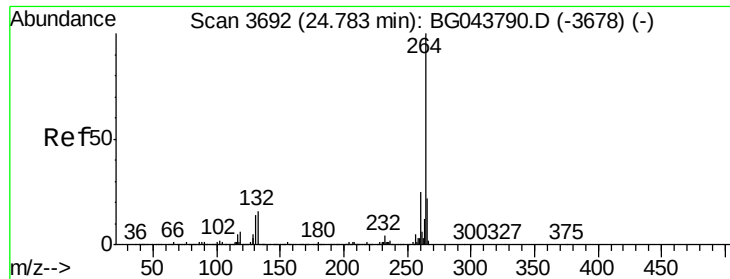
Abundance

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# 3694

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

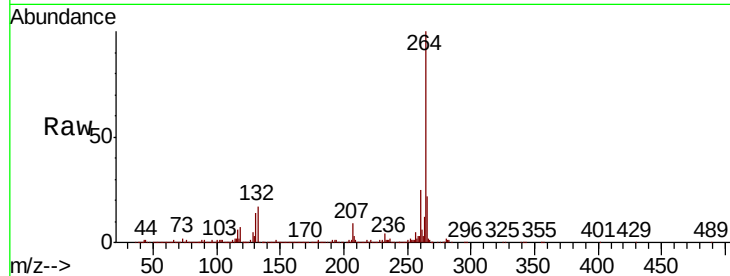
ClientSampleId :

PB125439BS

Tot Ion:	264	Resp:	854937
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.8	29.8
265	21.9	17.9	26.9

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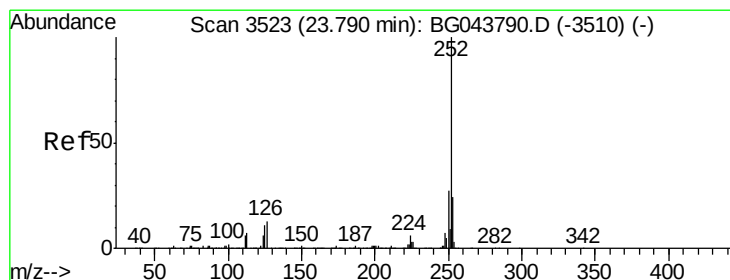
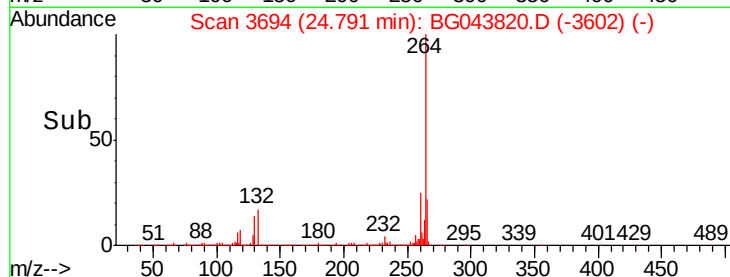
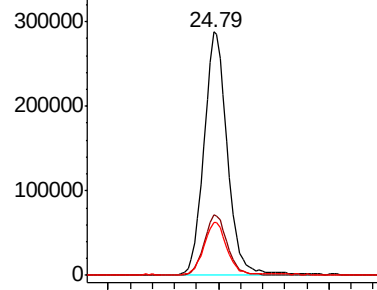


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.841 ng

RT: 23.80 min Scan# 3525

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

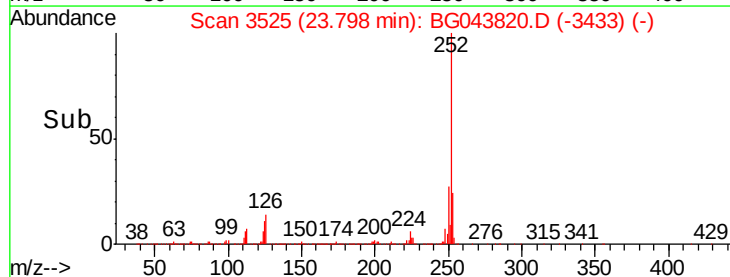
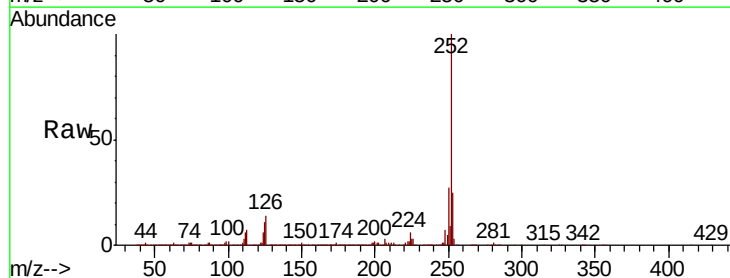
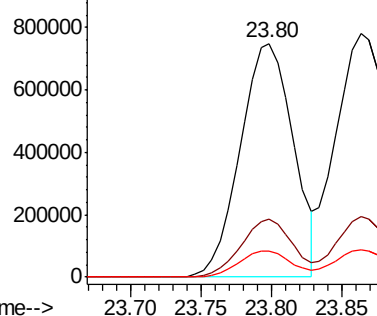
Tgt Ion:	252	Resp:	1961136
Ion Ratio	Lower	Upper	
252	100		
253	24.6	19.5	29.3
125	11.2	9.0	13.4

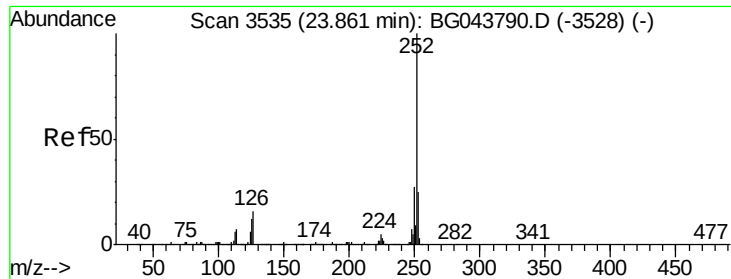
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





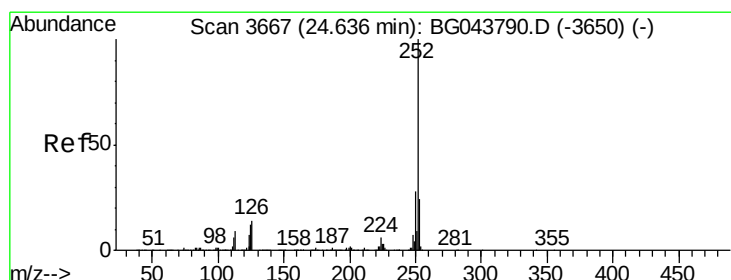
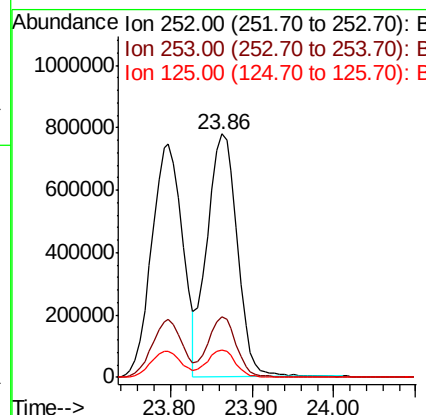
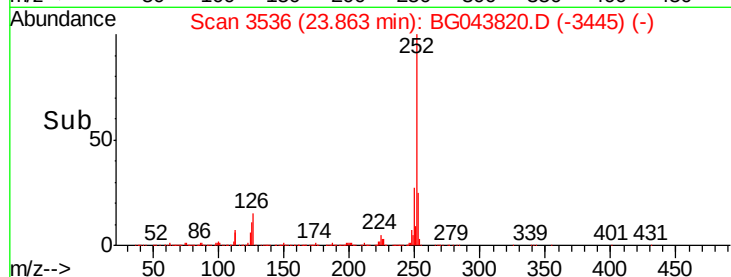
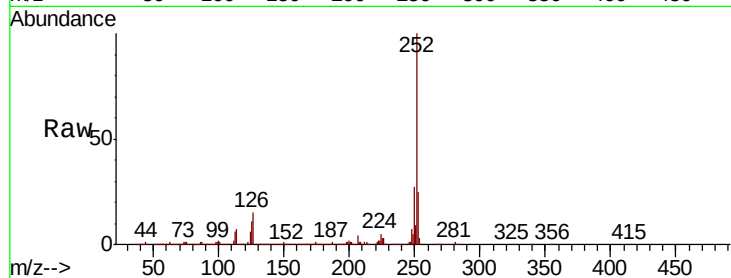
#89
Benzo(k)fluoranthene
Concen: 42.043 ng
RT: 23.86 min Scan# 3536
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.4	29.0
125	11.2	8.9	13.3

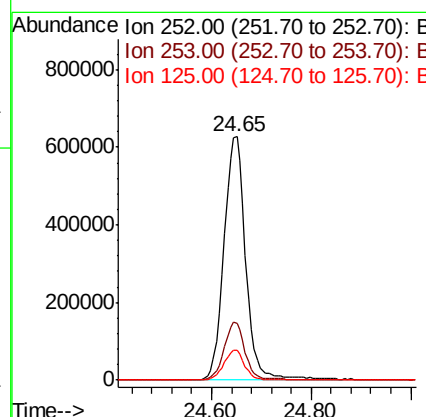
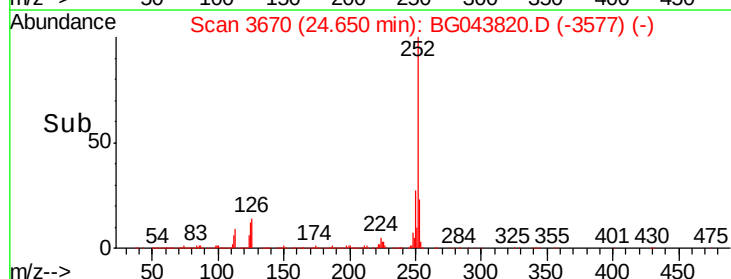
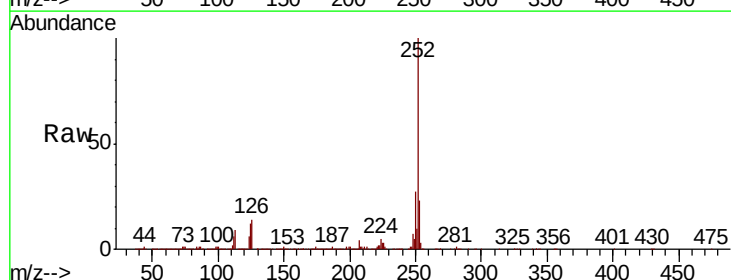
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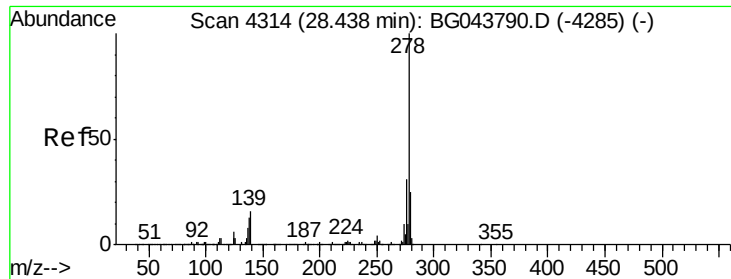
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#90
Benzo(a)pyrene
Concen: 40.384 ng
RT: 24.65 min Scan# 3670
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.1	28.7
125	12.2	9.4	14.0





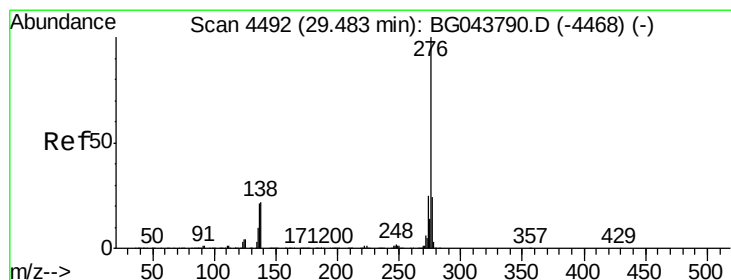
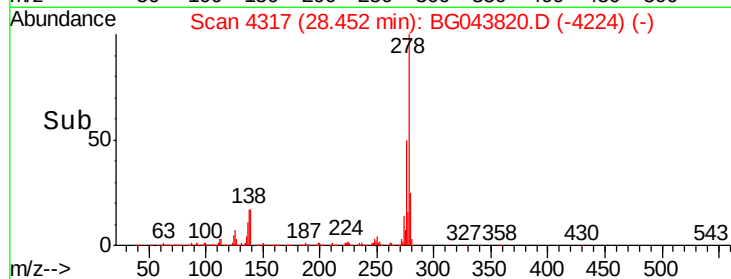
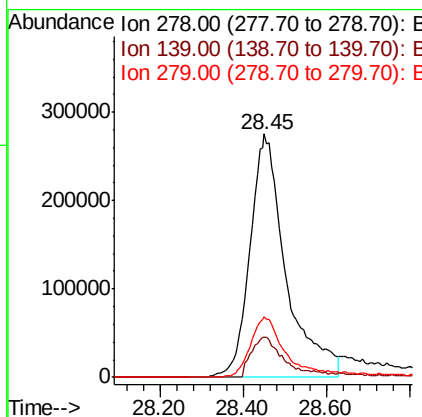
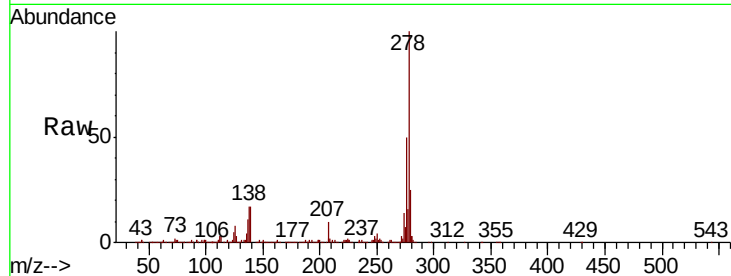
#91
Dibenzo(a,h)anthracene
Concen: 35.264 ng
RT: 28.45 min Scan# 4317
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :
PB125439BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.2	19.8
279	24.8	19.8	29.6

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#92
Benzo(g,h,i)perylene
Concen: 35.408 ng
RT: 29.50 min Scan# 4495
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.3	28.9
138	22.9	17.6	26.4

