

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043817.D
 Acq On : 17 Dec 2019 13:12
 Operator : JU
 Sample : PB125466BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125466BSD

Manual Integrations
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 12/18/2019 2:40:37 PM

Quant Time: Dec 17 18:16:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	111929	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	519342	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	385001	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	898823	20.00	ng	0.00
76) Chrysene-d12	21.63	240	757324	20.00	ng	0.00
87) Perylene-d12	24.79	264	795477	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	812626	137.56	ng	0.01
7) Phenol-d6	7.17	99	1118205	131.25	ng	0.02
23) Nitrobenzene-d5	9.16	82	700116	75.69	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	464799	126.63	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1655661	75.54	ng	0.00
79) Terphenyl-d14	19.99	244	2422135	76.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	110514	40.398	ng	98
3) Pyridine	3.88	79	271623	35.932	ng	99
4) n-Nitrosodimethylamine	3.79	42	147376	40.661	ng	# 94
6) Aniline	7.33	93	398085	35.314	ng	97
8) 2-Chlorophenol	7.57	128	352759	51.241	ng	98
9) Benzaldehyde	7.14	77	236651	56.982	ng	96
10) Phenol	7.20	94	448822	51.027	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	316880	42.457	ng	96
12) 1,3-Dichlorobenzene	7.90	146	344018	41.700	ng	98
13) 1,4-Dichlorobenzene	8.04	146	347517	42.142	ng	99
14) 1,2-Dichlorobenzene	8.36	146	329215	41.435	ng	96
15) Benzyl Alcohol	8.24	79	323426	47.703	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	481435	40.248	ng	99
17) 2-Methylphenol	8.45	107	321561	51.215	ng	99
18) Hexachloroethane	9.10	117	125606	41.917	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	273033	41.919	ng	99
20) 3+4-Methylphenols	8.77	107	451210	51.610	ng	96
22) Acetophenone	8.83	105	485167	37.459	ng	# 98
24) Nitrobenzene	9.20	77	381257	40.466	ng	97
25) Isophorone	9.73	82	743626	40.255	ng	99
26) 2-Nitrophenol	9.91	139	190995	51.178	ng	98
27) 2,4-Dimethylphenol	9.98	122	360708	55.257	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	470251	39.769	ng	99
29) 2,4-Dichlorophenol	10.45	162	387691	48.363	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	363771	38.335	ng	99
31) Naphthalene	10.86	128	1032366	41.428	ng	99
32) Benzoic acid	10.11	122	204945	45.566	ng	97
33) 4-Chloroaniline	10.96	127	290038	24.005	ng	98
34) Hexachlorobutadiene	11.16	225	213356	37.107	ng	97
35) Caprolactam	11.73	113	152733m	48.548	ng	
36) 4-Chloro-3-methylphenol	12.09	107	417992	48.434	ng	97
37) 2-Methylnaphthalene	12.46	142	810498	41.963	ng	99
38) 1-Methylnaphthalene	12.68	142	777266	42.320	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	418739	36.195	ng	99

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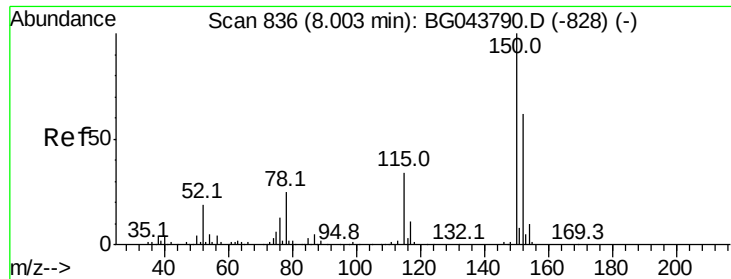
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	513336	94.535	nq	99
43) 2,4,6-Trichlorophenol	13.07	196	336887	45.815	nq	100
44) 2,4,5-Trichlorophenol	13.14	196	369696	47.989	nq	98
46) 1,1'-Biphenyl	13.47	154	1050576	39.581	nq	99
47) 2-Chloronaphthalene	13.51	162	840304	38.726	nq	99
48) 2-Nitroaniline	13.70	65	279002	43.598	nq	97
49) Acenaphthylene	14.35	152	1370354	42.395	nq	99
50) Dimethylphthalate	14.09	163	1125714	40.966	nq	99
51) 2,6-Dinitrotoluene	14.20	165	268160	45.283	nq	95
52) Acenaphthene	14.70	154	964778	45.371	nq	96
53) 3-Nitroaniline	14.53	138	199201	29.395	nq	94
54) 2,4-Dinitrophenol	14.73	184	271494	101.029	nq	92
55) Dibenzofuran	15.03	168	1322620	42.020	nq	100
56) 4-Nitrophenol	14.84	139	508721	102.898	nq	98
57) 2,4-Dinitrotoluene	14.98	165	376466	47.048	nq	98
58) Fluorene	15.68	166	1072385	42.268	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	332204m	48.062	nq	
60) Diethylphthalate	15.46	149	1136604	41.409	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	584360	41.127	nq	98
62) 4-Nitroaniline	15.69	138	285377	40.643	nq	99
63) Azobenzene	15.96	77	1066453	42.292	nq	100
65) 4,6-Dinitro-2-methylphenol	15.75	198	192870	54.110	nq	99
66) n-Nitrosodiphenylamine	15.89	169	1022389	40.926	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	371393	38.648	nq	95
68) Hexachlorobenzene	16.69	284	386503	37.922	nq	98
69) Atrazine	16.83	200	407728	51.196	nq	99
70) Pentachlorophenol	17.03	266	489329	90.257	nq	98
71) Phenanthrene	17.42	178	1725189	40.544	nq	100
72) Anthracene	17.51	178	1770199	42.027	nq	98
73) Carbazole	17.77	167	1625620	41.287	nq	98
74) Di-n-butylphthalate	18.34	149	1873658	41.511	nq	99
75) Fluoranthene	19.43	202	1976593	40.587	nq	98
77) Benzidine	19.60	184	875395	52.984	nq	98
78) Pyrene	19.78	202	1994722	40.304	nq	99
80) Butylbenzylphthalate	20.68	149	893651	43.355	nq	100
81) Benzo(a)anthracene	21.61	228	1923600	40.244	nq	98
82) 3,3'-Dichlorobenzidine	21.53	252	568989	32.224	nq	99
83) Chrysene	21.68	228	1850803	40.642	nq	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	1230062	41.604	nq	98
85) Di-n-octyl phthalate	22.74	149	2137006	44.213	nq	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1980517	33.979	nq	97
88) Benzo(b)fluoranthene	23.80	252	1969874	43.010	nq	100
89) Benzo(k)fluoranthene	23.86	252	1911713	43.209	nq	99
90) Benzo(a)pyrene	24.64	252	1854796	42.495	nq	98
91) Dibenzo(a,h)anthracene	28.46	278	1681927	38.579	nq	99
92) Benzo(g,h,i)perylene	29.50	276	1618338	37.616	nq	100

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



#1

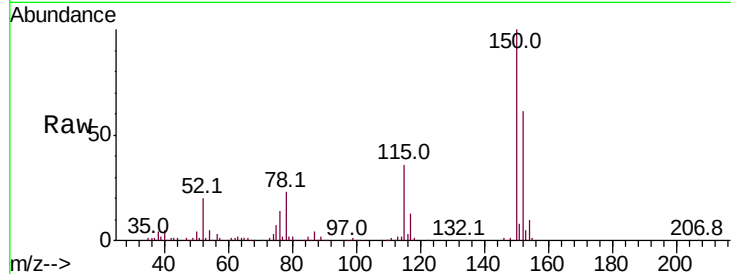
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.3	128.6	192.8
115	58.3	44.3	66.5

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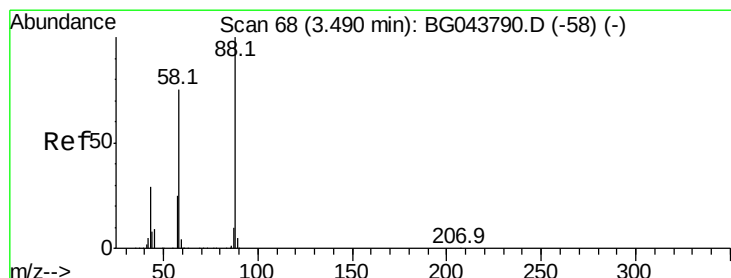
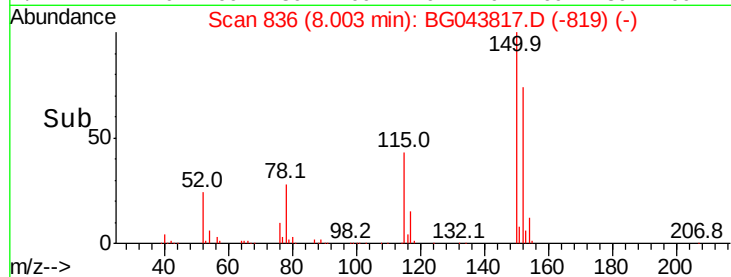
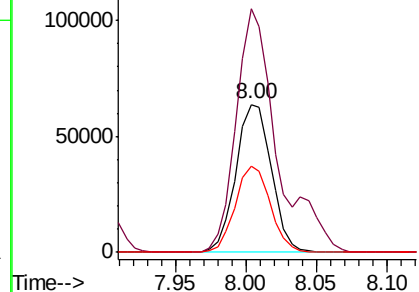


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

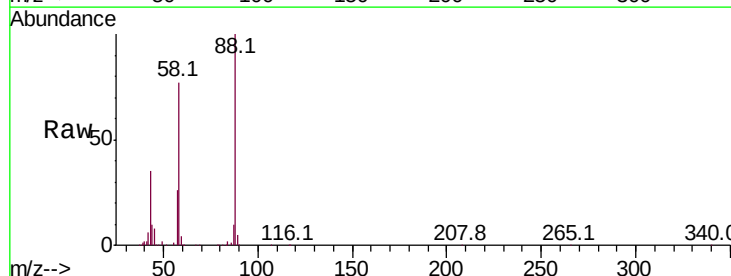
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.398 ng
RT: 3.49 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.3	62.2	93.4
43	30.0	24.3	36.5

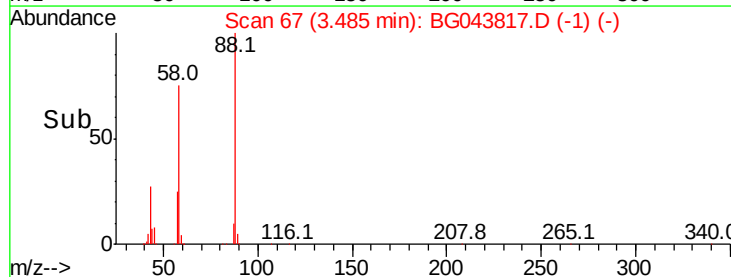
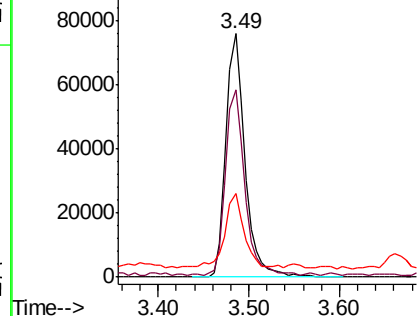


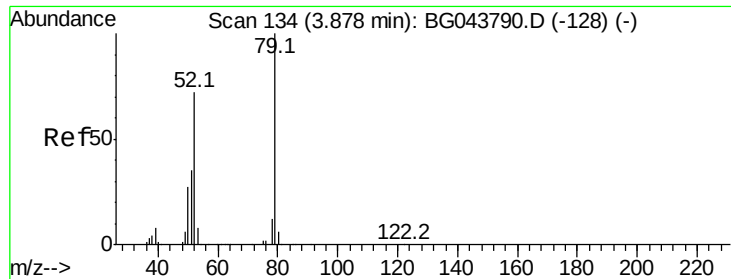
Abundance

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: 35.932 ng

RT: 3.88 min Scan# 134

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

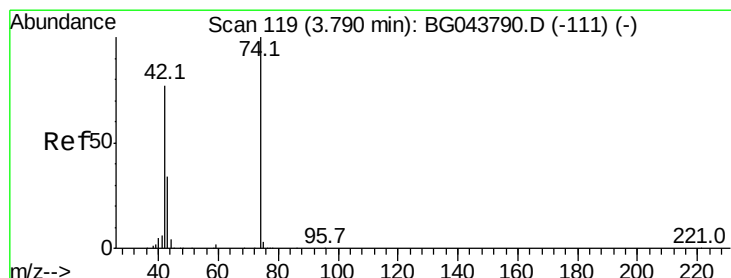
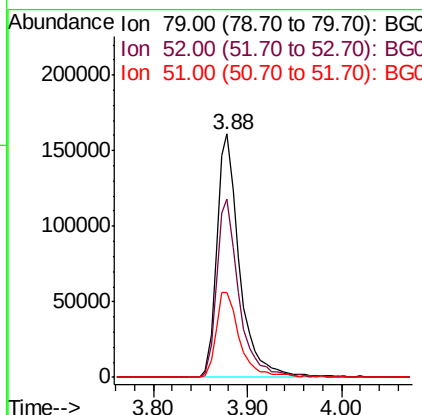
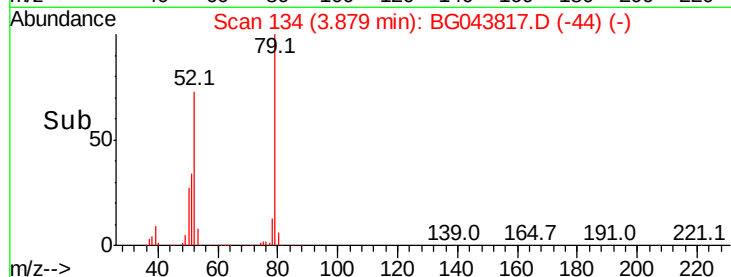
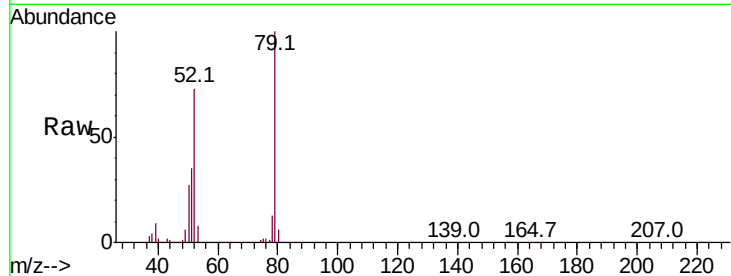
ClientSampleId :

PB125466BSD

Tot Ion:	79	Resp:	271623
Ion Ratio	Lower	Upper	
79	100		
52	73.5	57.6	86.4
51	34.7	27.8	41.8

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#4

n-Nitrosodimethylamine

Concen: 40.661 ng

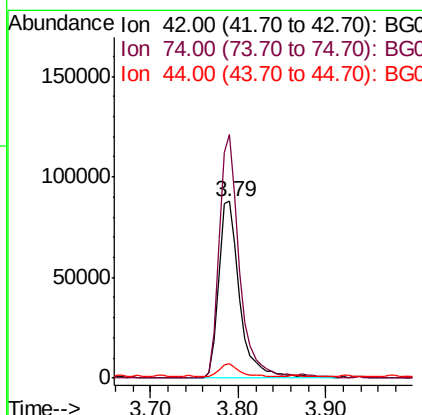
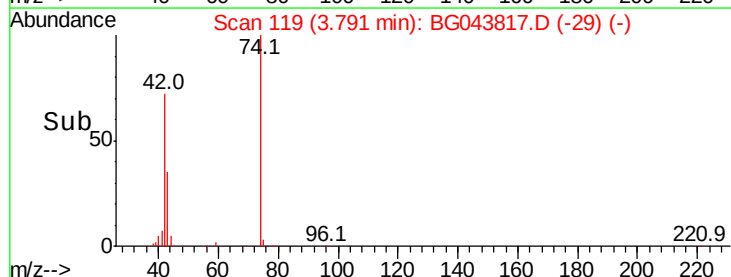
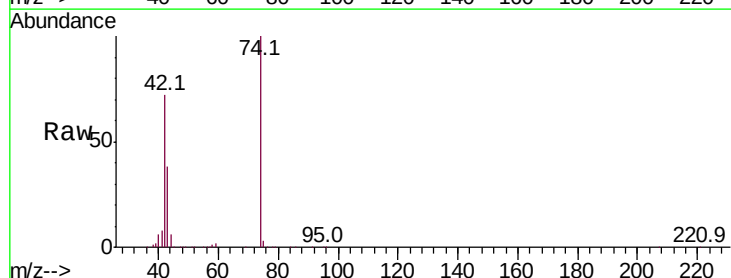
RT: 3.79 min Scan# 119

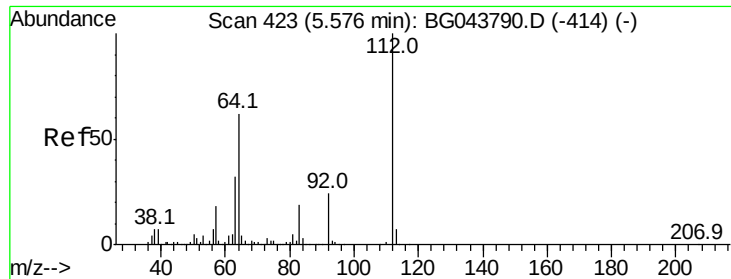
Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Tgt Ion:	42	Resp:	147376
Ion Ratio	Lower	Upper	
42	100		
74	138.0	104.2	156.4
44	8.6	5.6	8.4





#5

2-Fluorophenol

Concen: 137.561 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

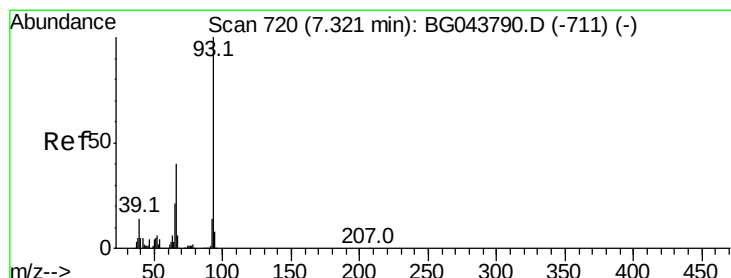
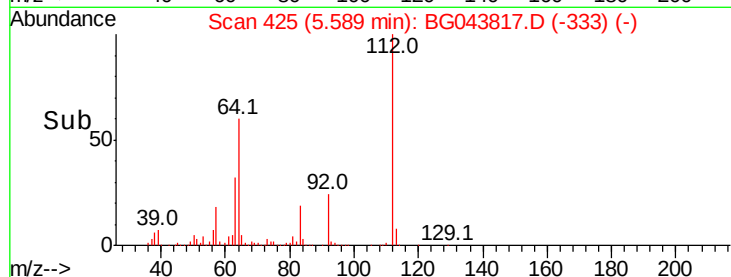
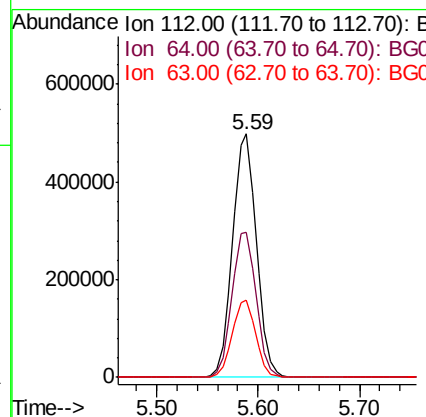
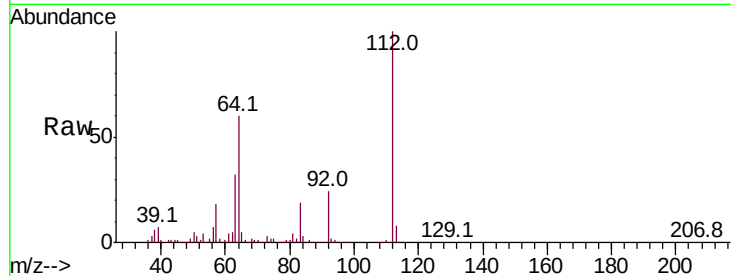
ClientSampleId :

PB125466BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	812626		
64	59.6		49.9	74.9
63	31.5		26.0	39.0

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#6

Aniline

Concen: 35.314 ng

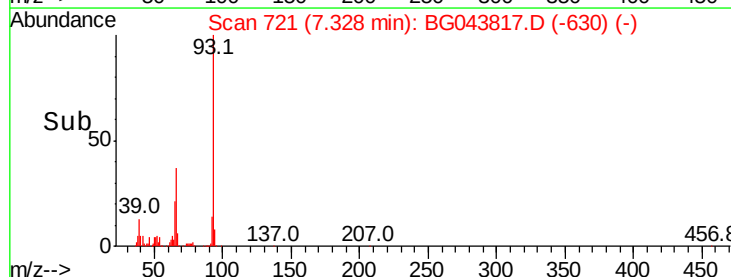
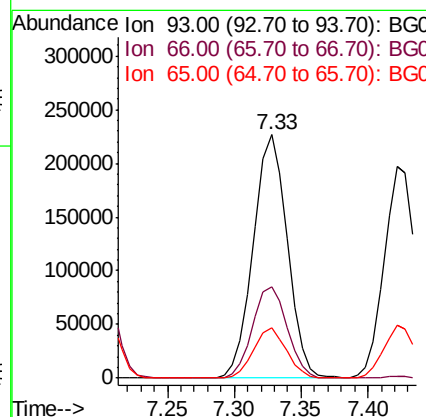
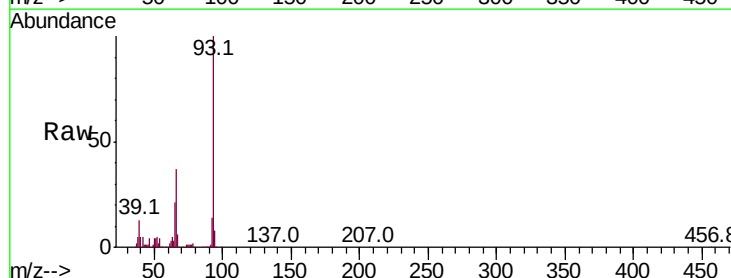
RT: 7.33 min Scan# 721

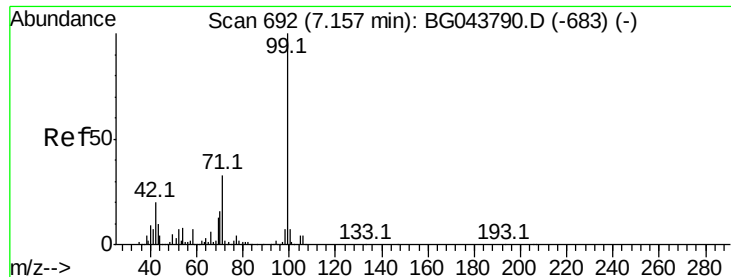
Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	398085		
66	37.5		31.9	47.9
65	20.5		16.8	25.2





#7

Phenol-d6

Concen: 131.251 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.02 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

PB125466BSD

Tot Ion: 99 Resp: 1118205

Ion Ratio Lower Upper

99 100

42 20.0 16.2 24.2

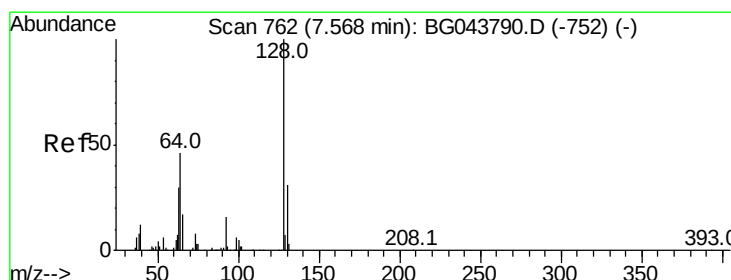
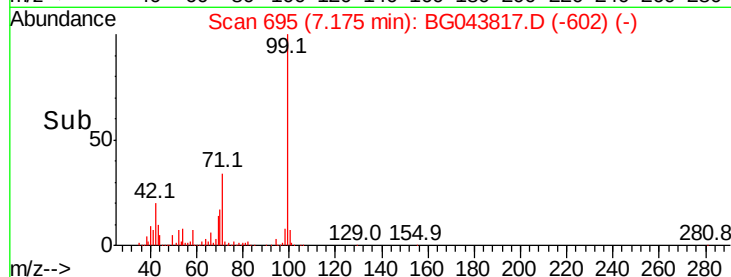
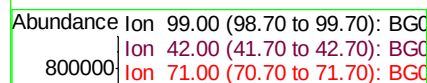
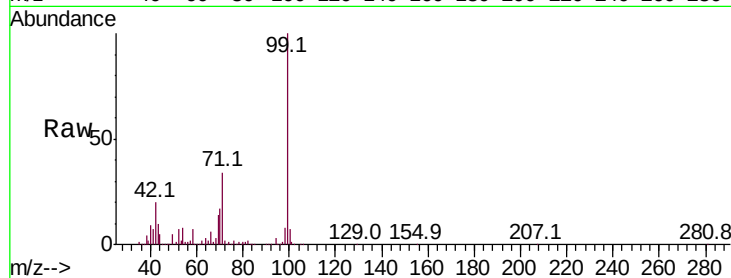
71 33.7 26.6 40.0

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#8

2-Chlorophenol

Concen: 51.241 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

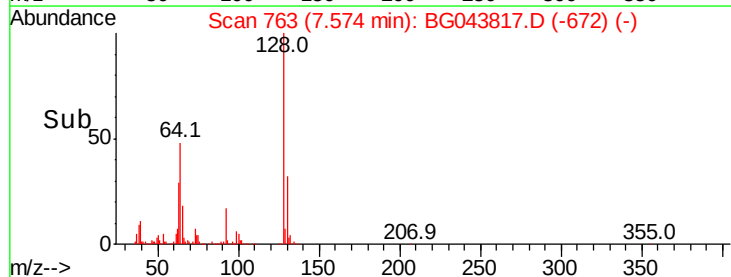
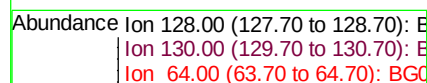
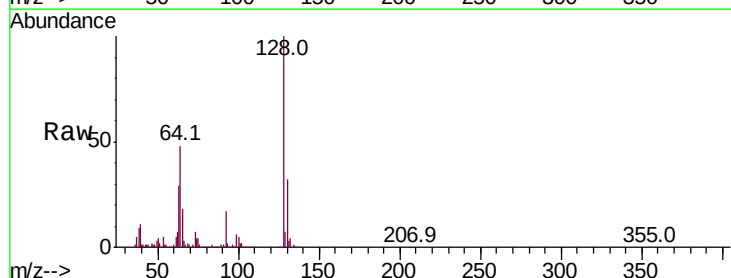
Tgt Ion: 128 Resp: 352759

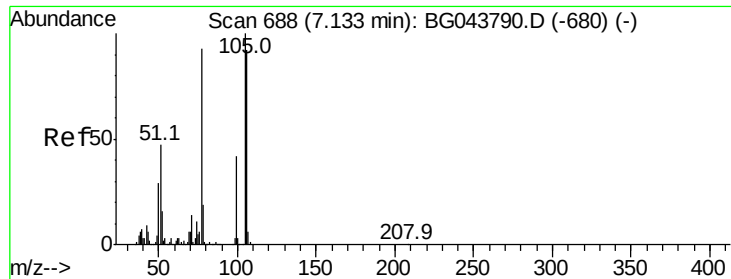
Ion Ratio Lower Upper

128 100

130 32.0 11.1 51.1

64 47.9 26.5 66.5





#9

Benzaldehyde

Concen: 56.982 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

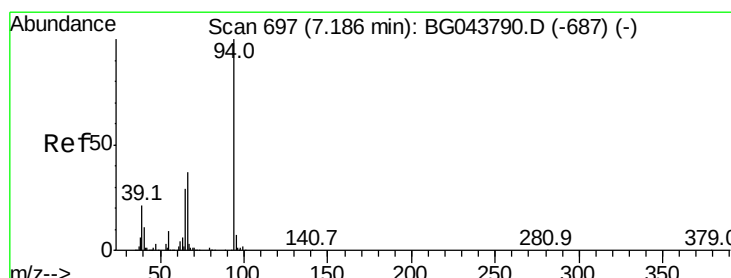
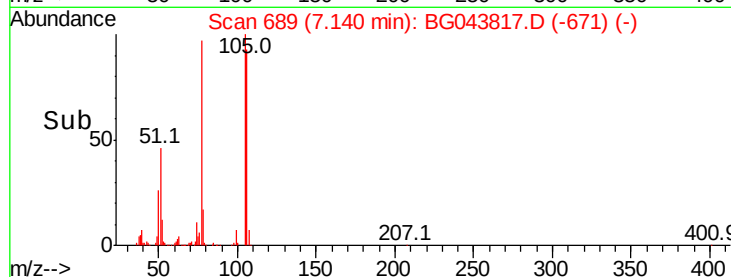
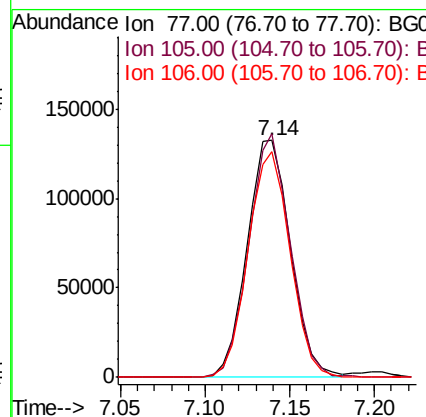
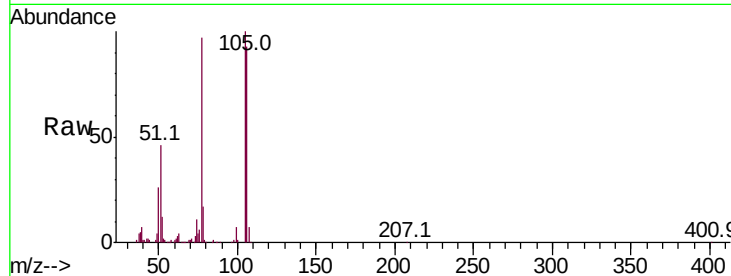
ClientSampleId :

PB125466BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.8	87.1	127.1
106	95.2	78.2	118.2

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#10

Phenol

Concen: 51.027 ng

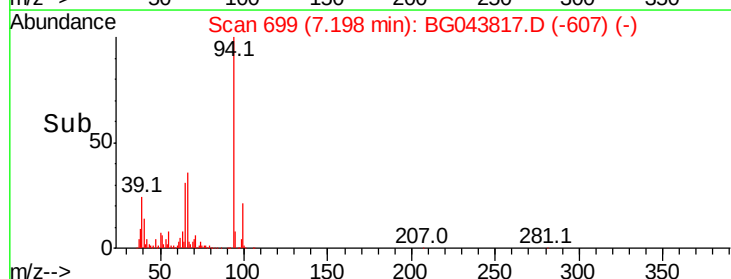
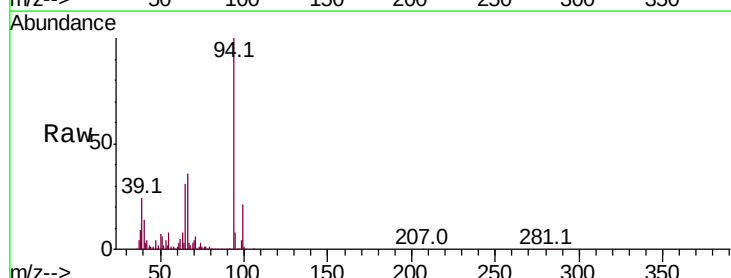
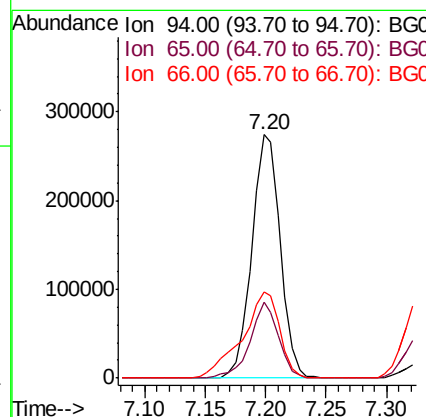
RT: 7.20 min Scan# 699

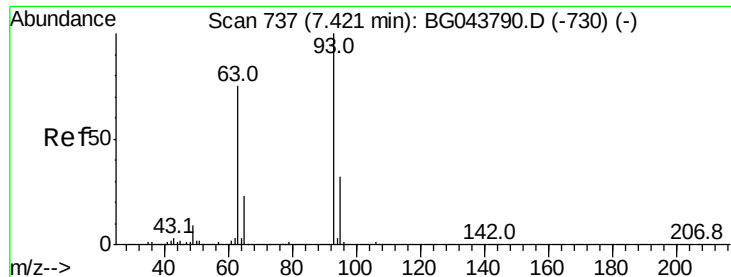
Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.1	9.5	49.5
66	35.6	16.8	56.8





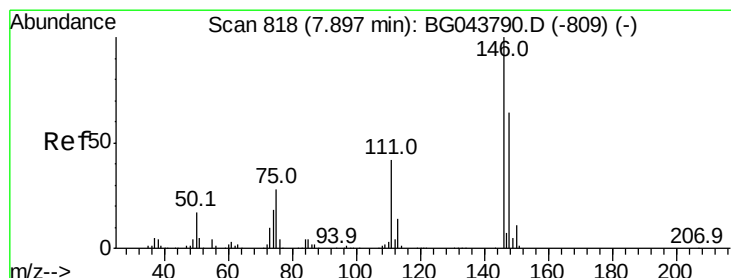
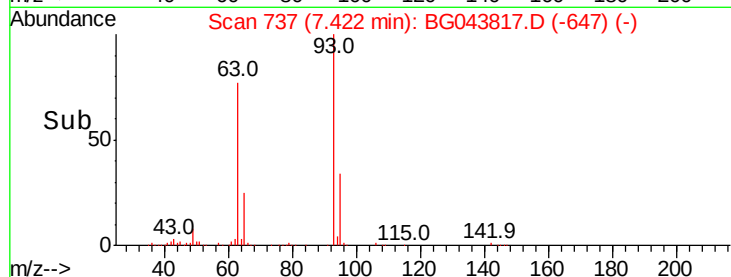
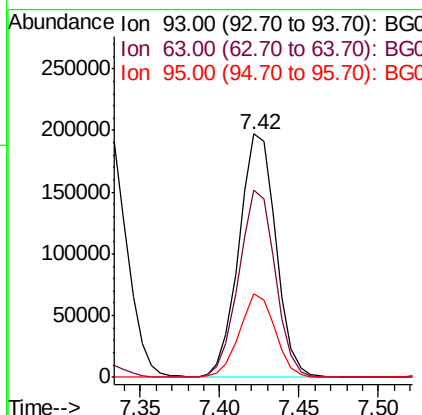
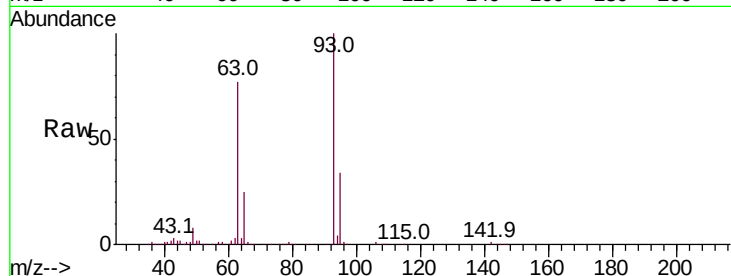
#11
bis(2-Chloroethyl)ether
Concen: 42.457 ng
RT: 7.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleID :
PB125466BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	77.0	54.7	94.7	
95	34.4	11.3	51.3	

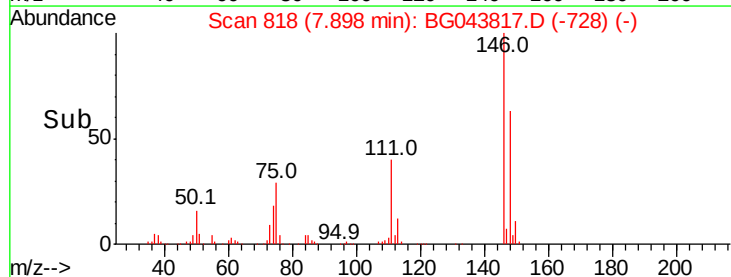
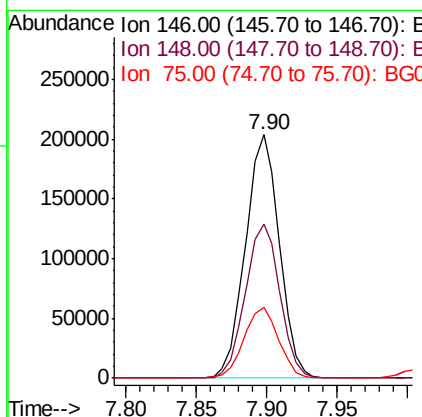
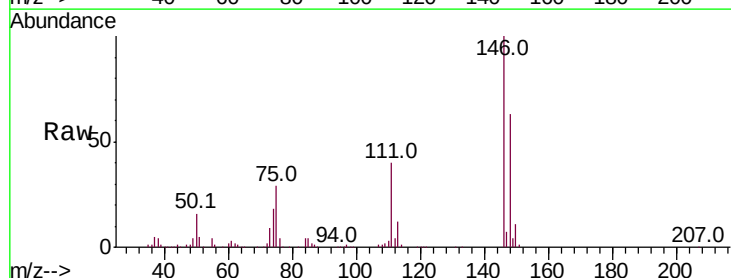
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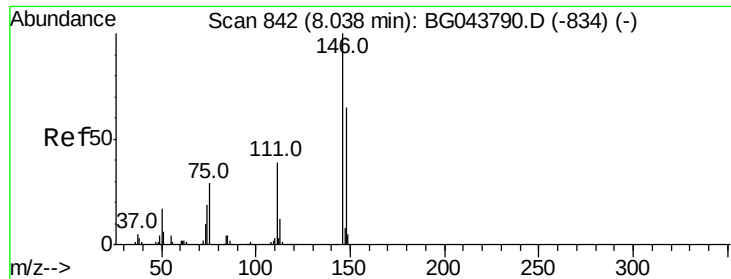
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.700 ng
RT: 7.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.1	51.4	77.2	
75	29.1	22.4	33.6	





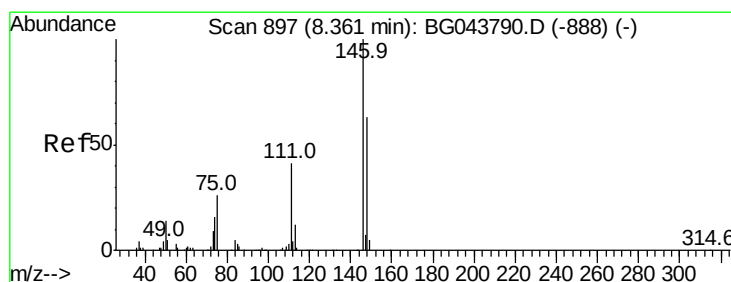
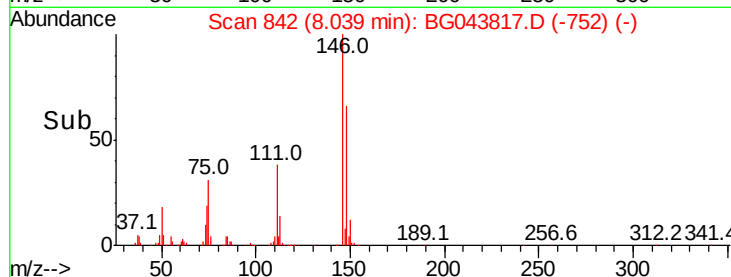
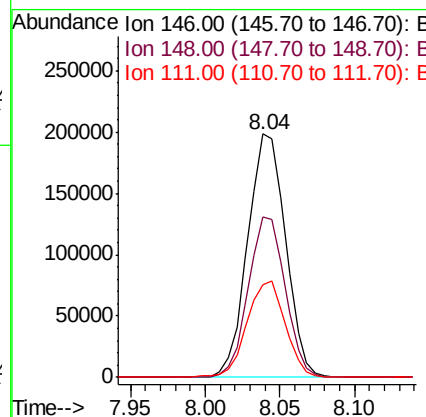
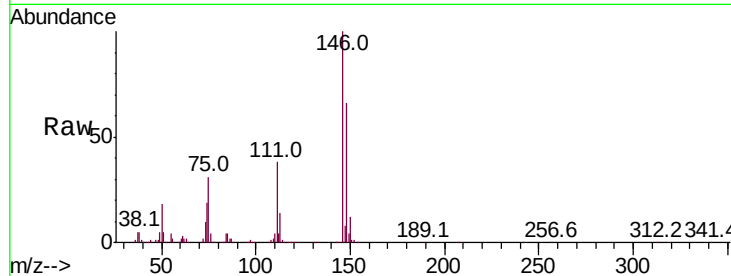
#13
 1,4-Dichlorobenzene
 Concen: 42.142 ng
 RT: 8.04 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Instrument :
 BNA_G
 ClientSampleID :
 PB125466BSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	347517		
148	65.8		51.8	77.8
111	38.3		31.4	47.2

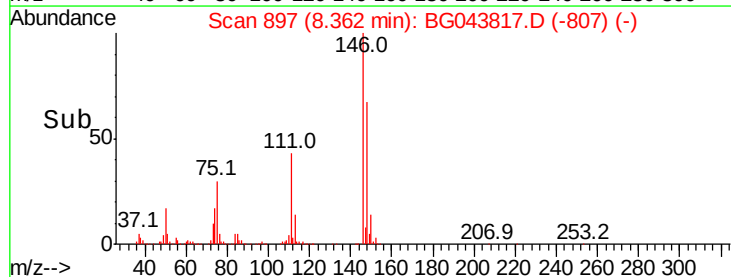
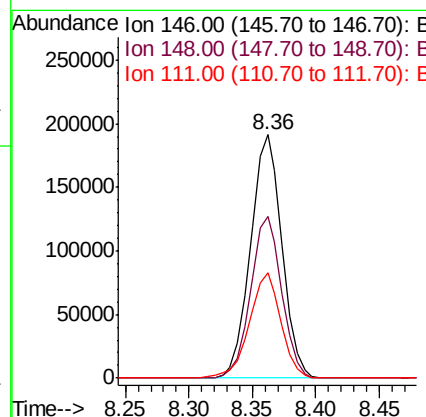
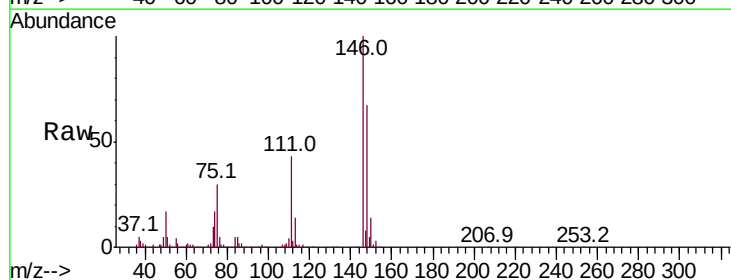
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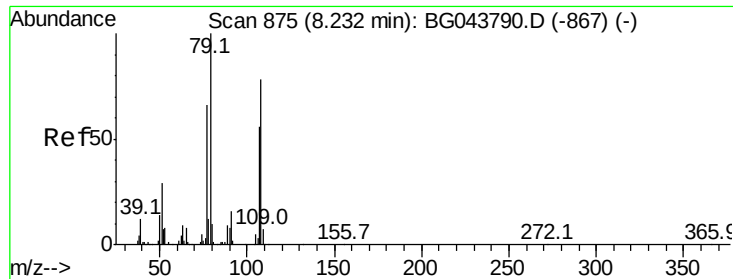
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.435 ng
 RT: 8.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	329215		
148	66.6		50.2	75.2
111	43.4		33.4	50.2





#15

Benzyl Alcohol

Concen: 47.703 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

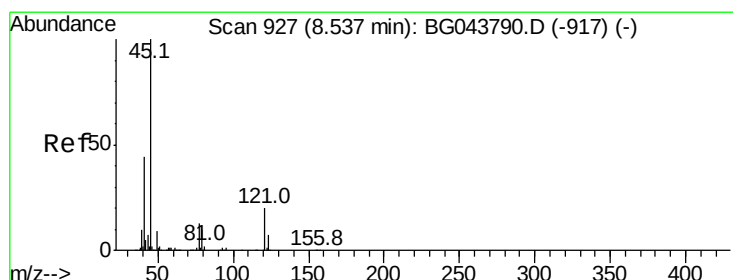
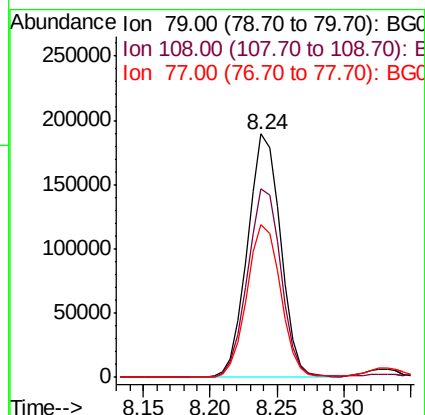
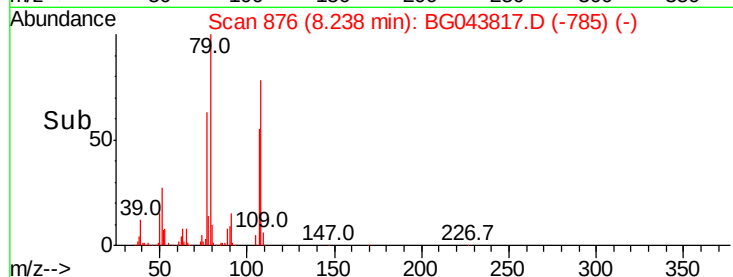
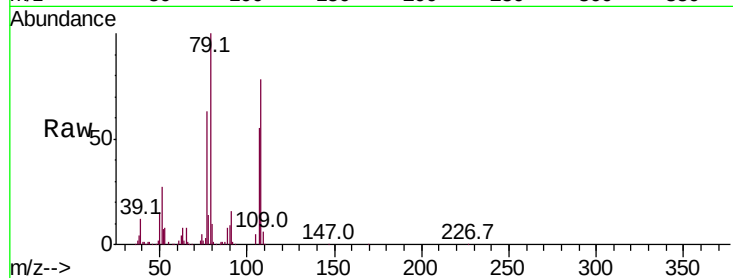
ClientSampleId :

PB125466BSD

Tot Ion:	79	Resp:	323426
Ion Ratio	Lower	Upper	
79	100		
108	77.7	62.2	93.2
77	62.7	52.8	79.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.248 ng

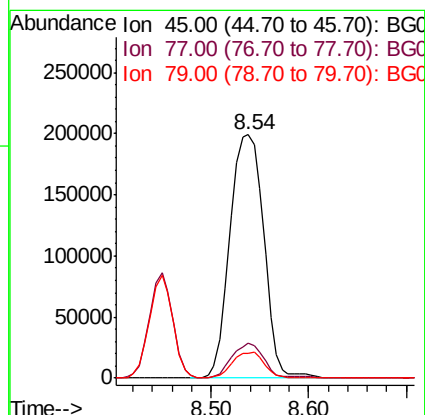
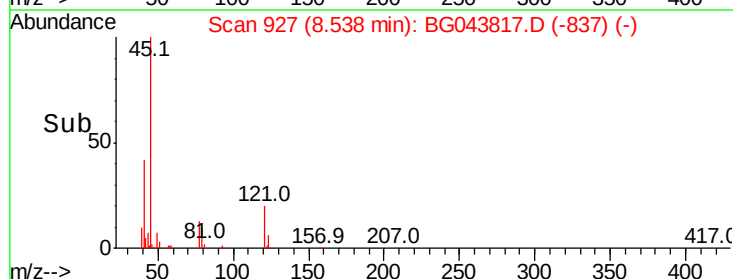
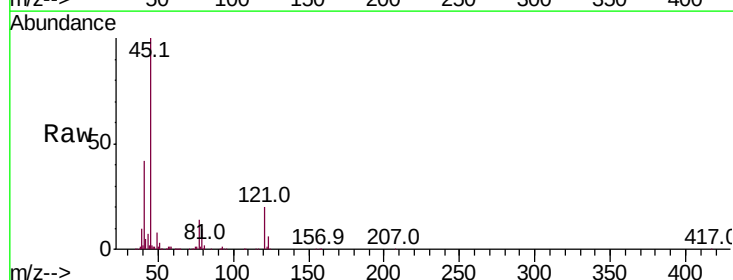
RT: 8.54 min Scan# 927

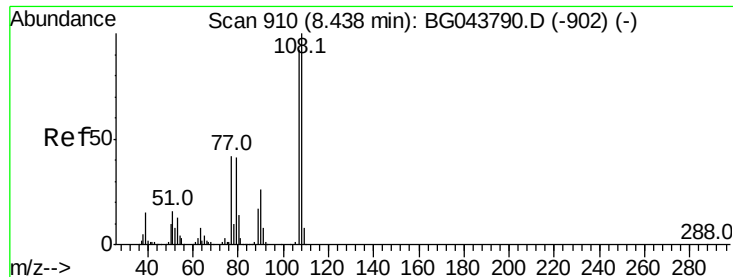
Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Tgt Ion:	45	Resp:	481435
Ion Ratio	Lower	Upper	
45	100		
77	14.1	0.0	33.6
79	10.0	0.0	29.9





#17

2-Methylphenol

Concen: 51.215 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

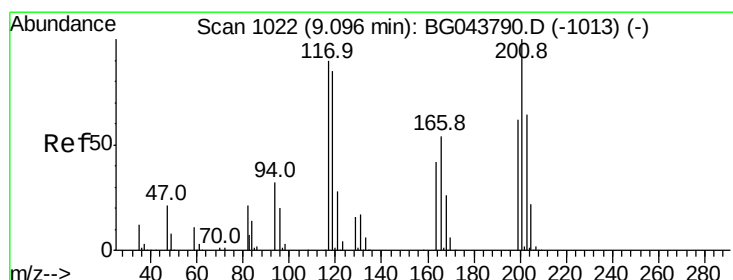
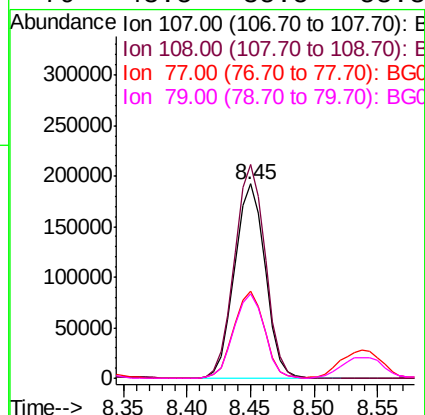
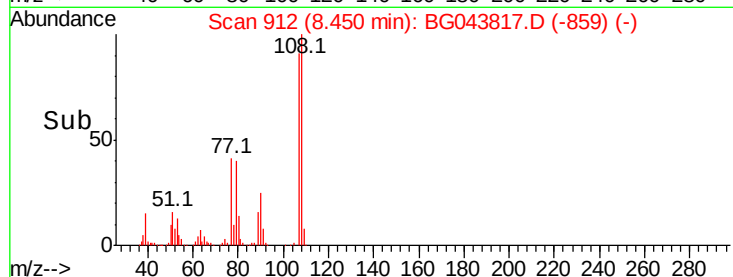
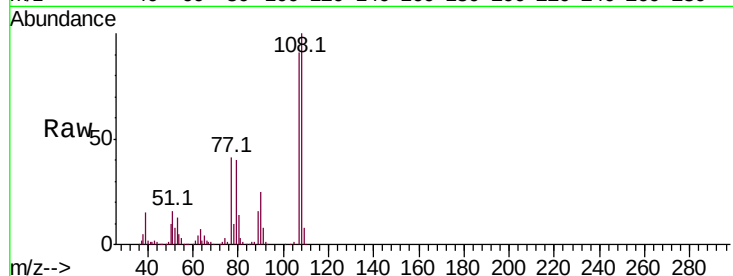
ClientSampleId :

PB125466BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.9	87.2	130.8	
77	44.7	36.6	54.8	
79	43.5	35.5	53.3	

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#18

Hexachloroethane

Concen: 41.917 ng

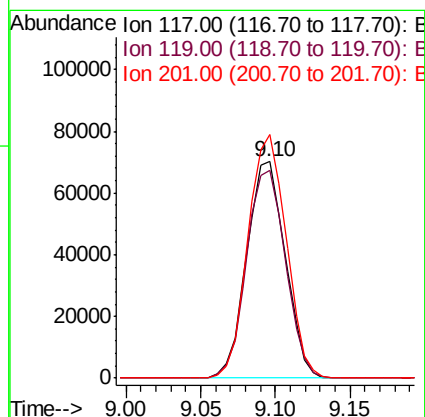
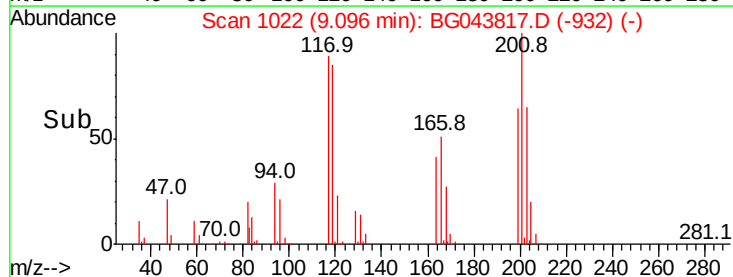
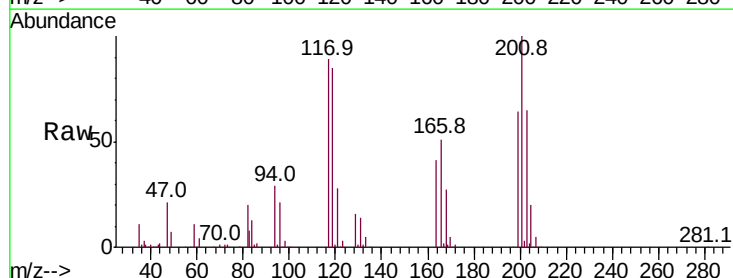
RT: 9.10 min Scan# 1022

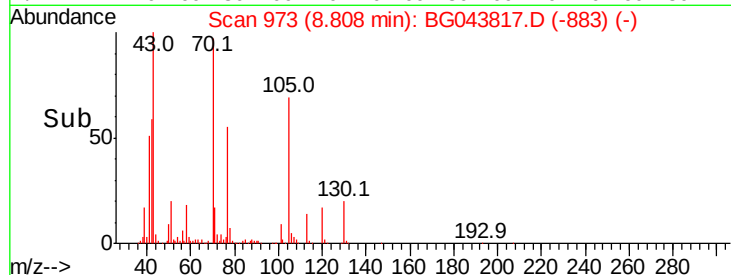
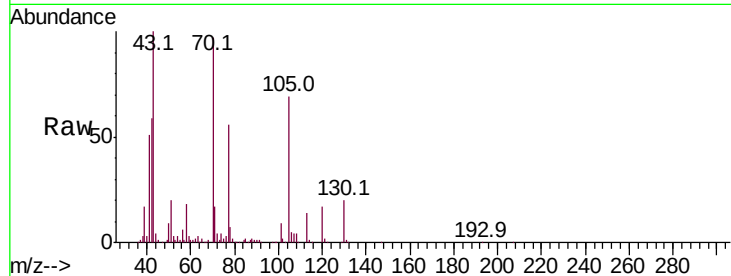
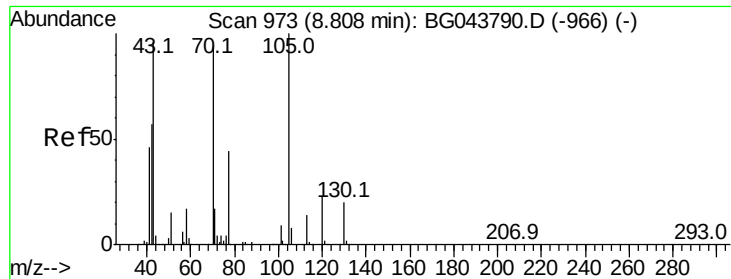
Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	75.6	113.4	
201	112.4	88.6	133.0	





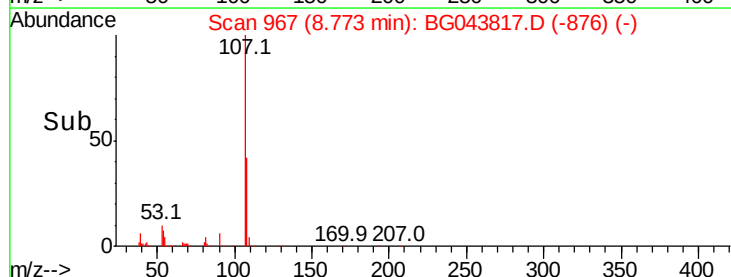
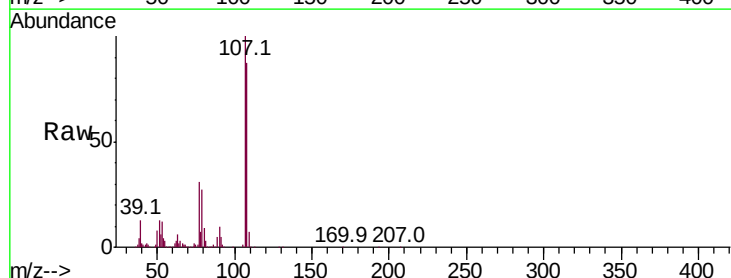
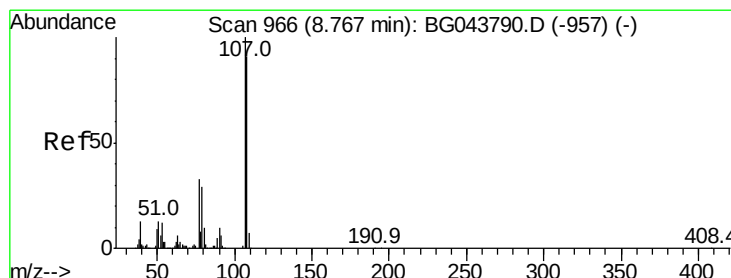
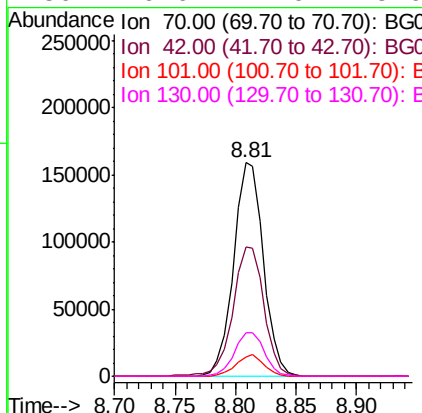
#19
n-Nitroso-di-n-propylamine
Concen: 41.919 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

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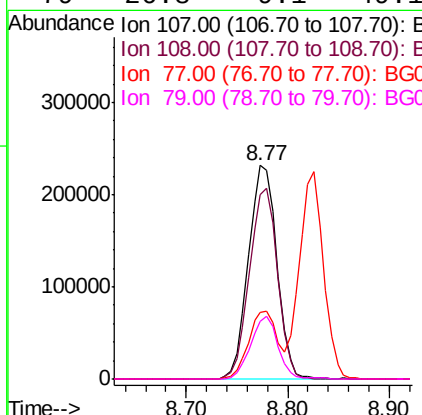
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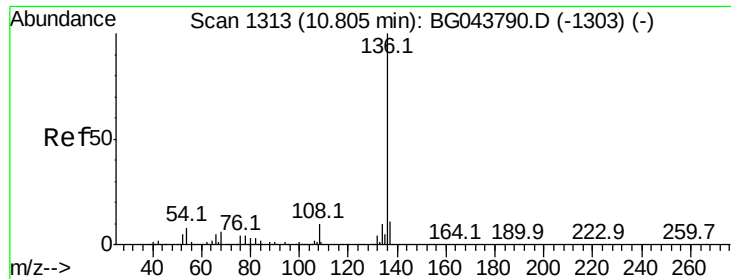
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.8	49.2	73.8	
101	9.1	7.8	11.6	
130	20.6	17.0	25.6	



#20
3+4-Methylphenols
Concen: 51.610 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.5	70.9	110.9	
77	31.2	12.7	52.7	
79	26.8	9.1	49.1	





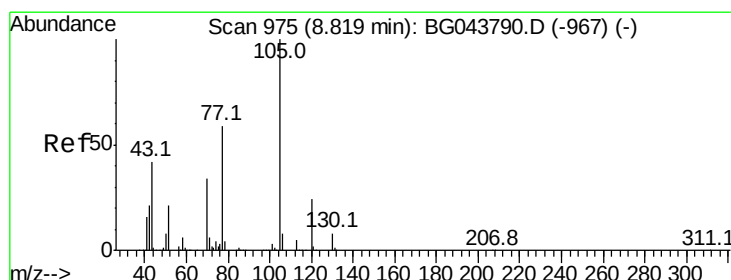
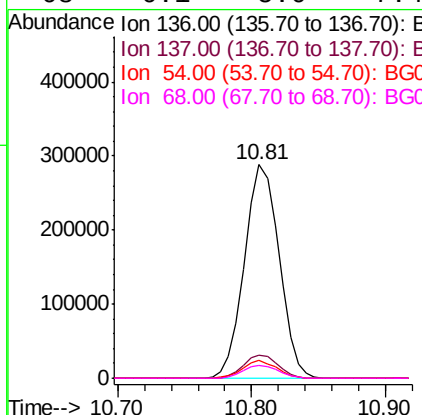
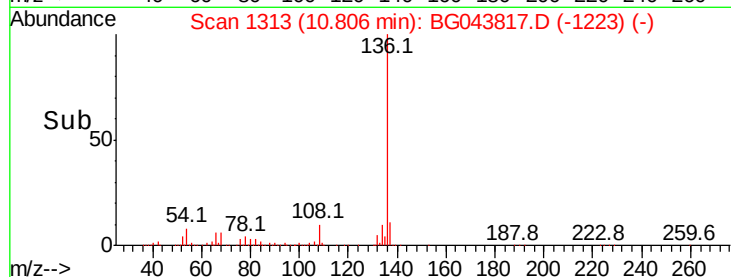
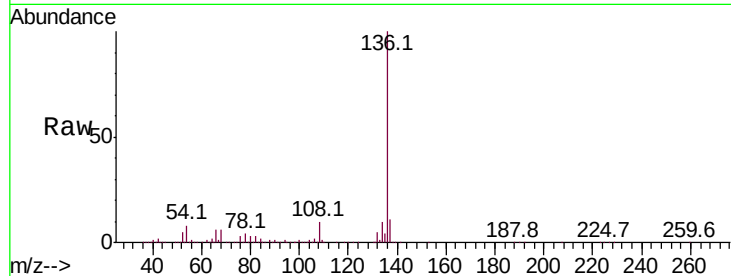
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	519342		
137	10.9		8.7	13.1
54	8.2		6.8	10.2
68	6.1		5.0	7.4

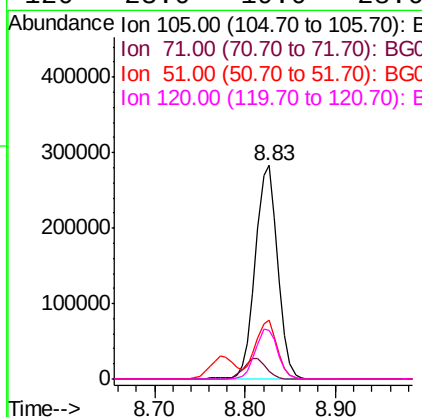
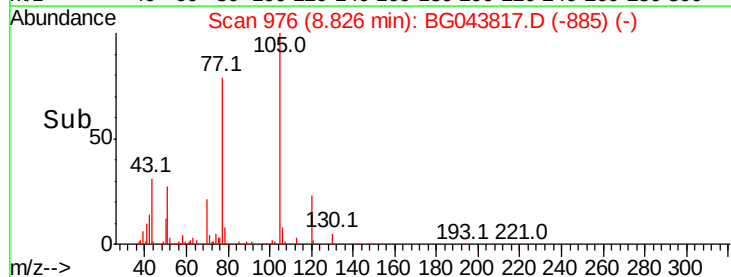
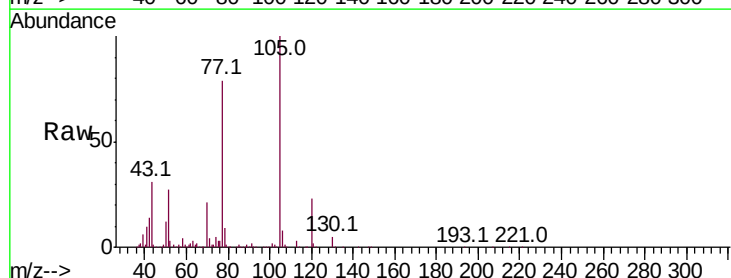
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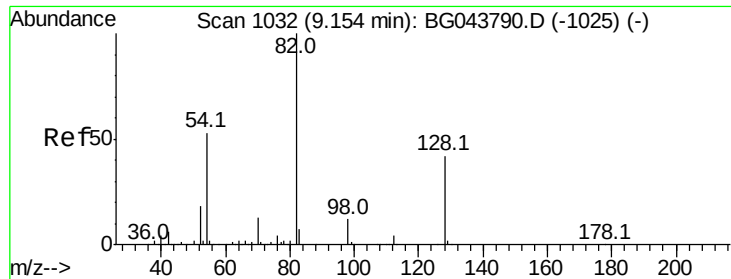
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#22
Acetophenone
Concen: 37.459 ng
RT: 8.83 min Scan# 976
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	485167		
71	3.6		4.9	7.3#
51	27.4		22.2	33.4
120	23.0		19.0	28.6





#23

Nitrobenzene-d5

Concen: 75.691 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

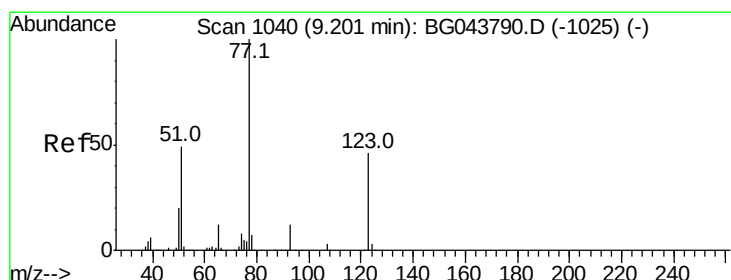
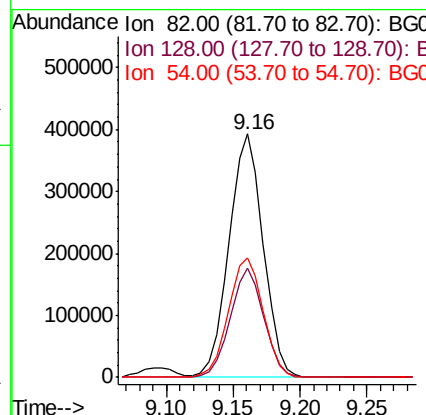
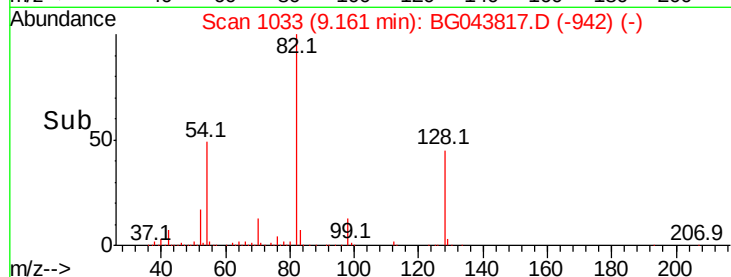
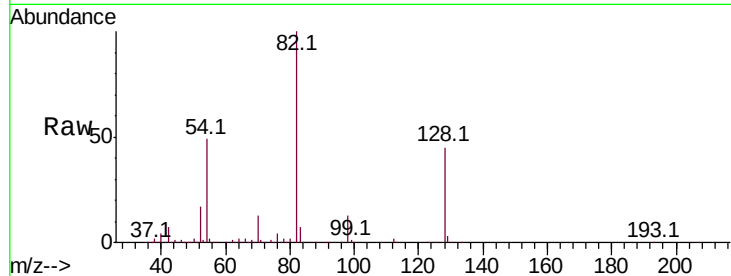
ClientSampleId :

PB125466BSD

Tot Ion:	82	Resp:	700116
Ion Ratio	Lower	Upper	
82	100		
128	44.8	33.6	50.4
54	48.8	42.1	63.1

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#24

Nitrobenzene

Concen: 40.466 ng

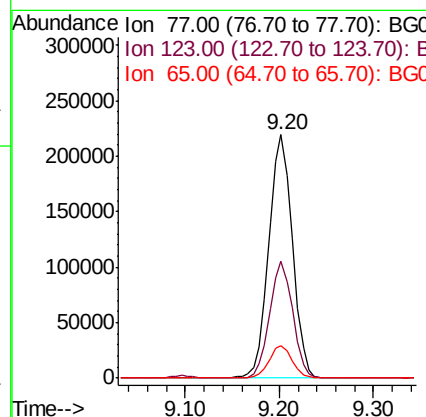
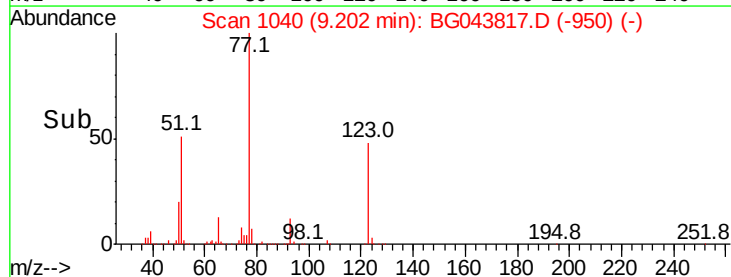
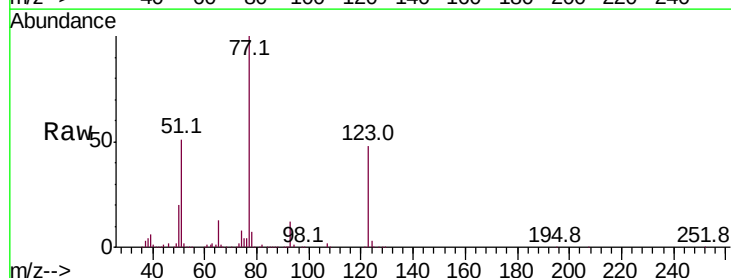
RT: 9.20 min Scan# 1040

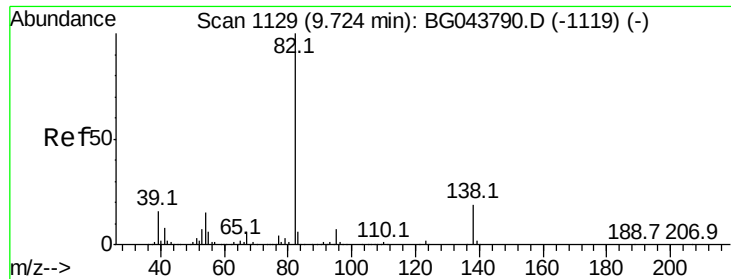
Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Tgt Ion:	77	Resp:	381257
Ion Ratio	Lower	Upper	
77	100		
123	47.9	36.6	55.0
65	13.4	9.8	14.6





#25

Isophorone

Concen: 40.255 ng

RT: 9.73 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

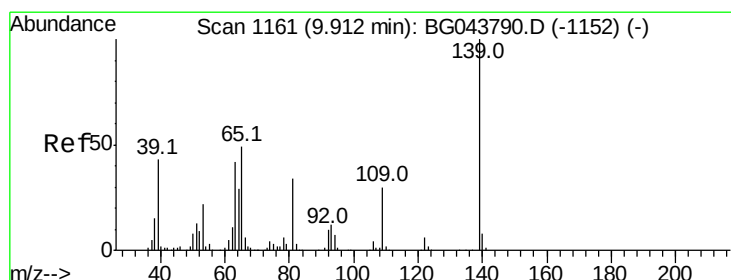
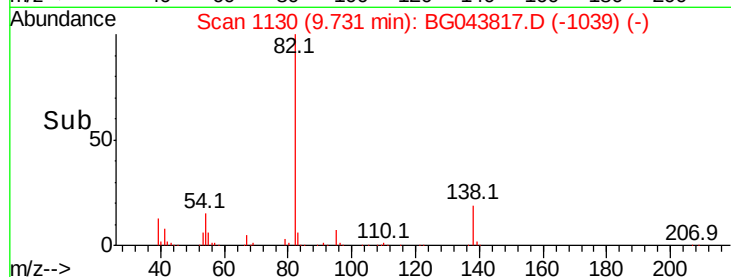
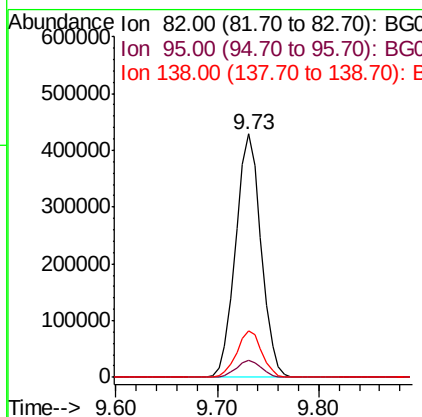
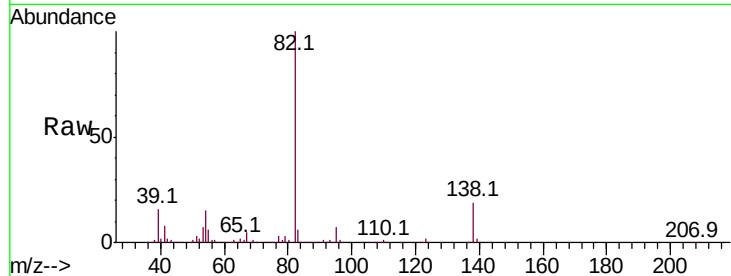
ClientSampleId :

PB125466BSD

Tot Ion:	82	Resp:	743626
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.6	8.4
138	19.2	14.8	22.2

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#26

2-Nitrophenol

Concen: 51.178 ng

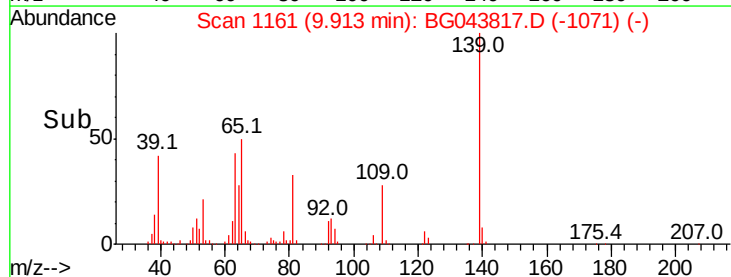
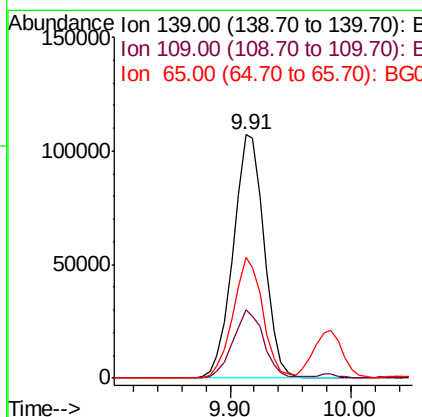
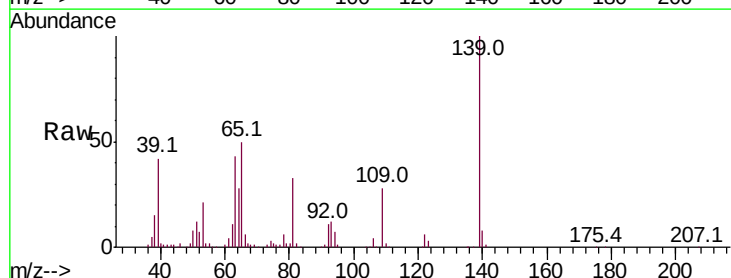
RT: 9.91 min Scan# 1161

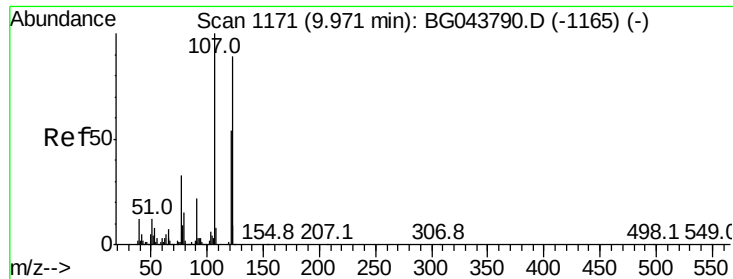
Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Tgt Ion:	139	Resp:	190995
Ion Ratio	Lower	Upper	
139	100		
109	27.8	23.9	35.9
65	49.8	39.3	58.9





#27

2,4-Dimethylphenol

Concen: 55.257 ng

RT: 9.98 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

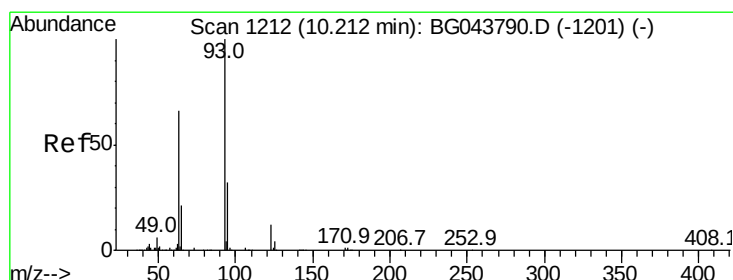
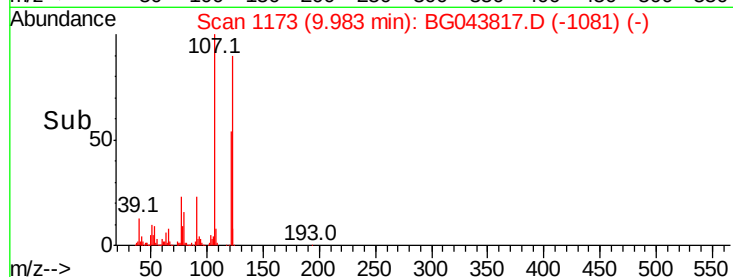
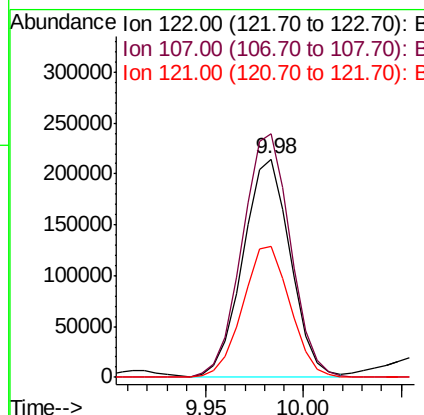
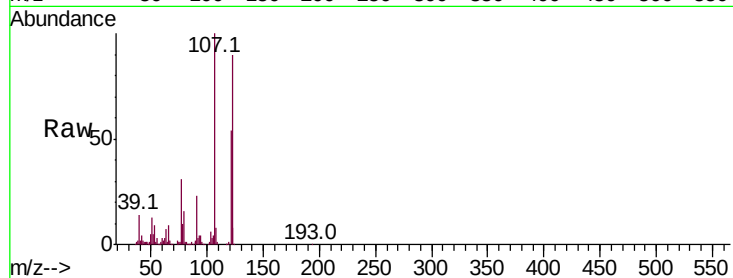
ClientSampleId :

PB125466BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	360708		
107	111.4	90.0	135.0	
121	60.2	48.6	73.0	

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#28

bis(2-Chloroethoxy)methane

Concen: 39.769 ng

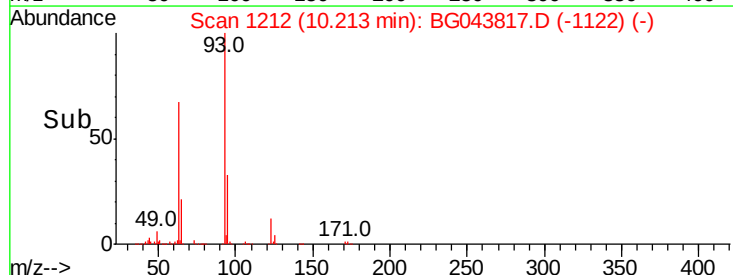
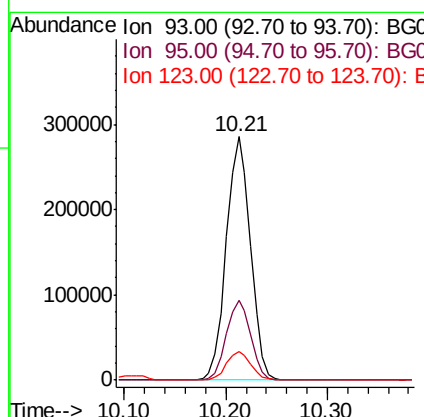
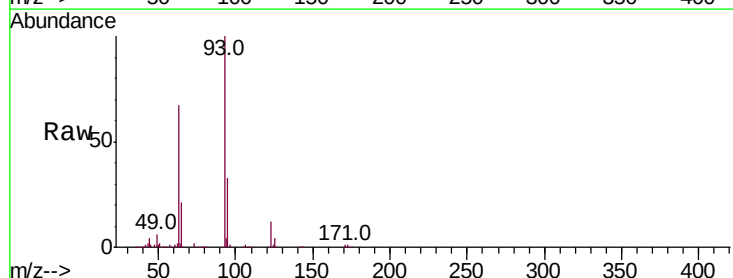
RT: 10.21 min Scan# 1212

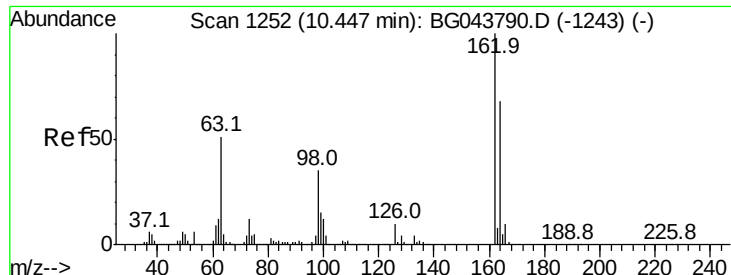
Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	470251		
95	32.8	25.7	38.5	
123	11.8	9.5	14.3	





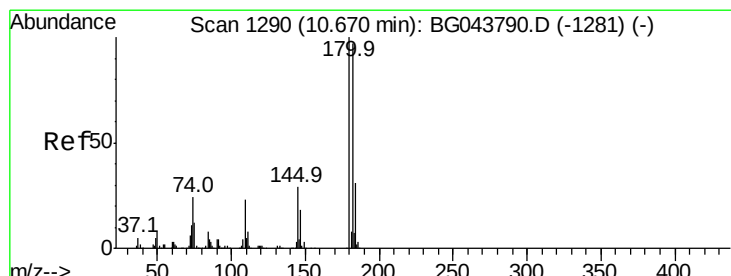
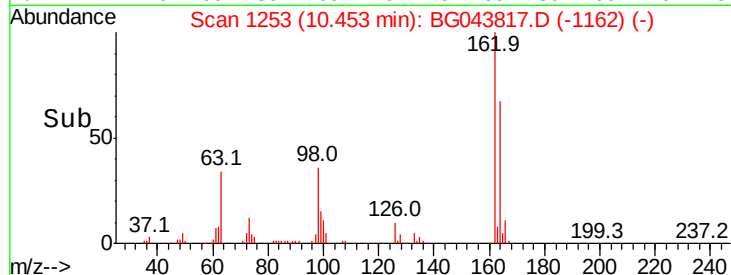
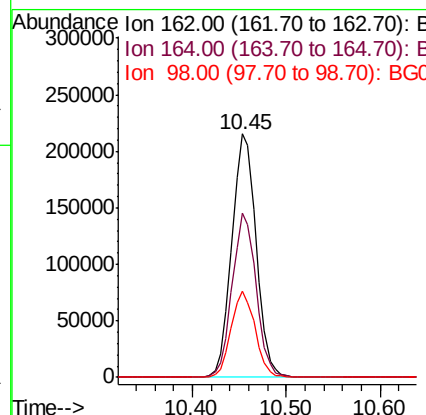
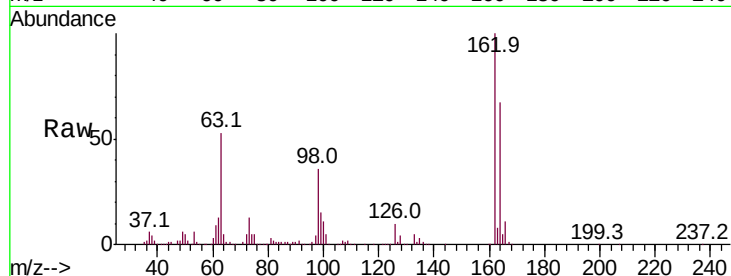
#29
 2,4-Dichlorophenol
 Concen: 48.363 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Instrument :
 BNA_G
 ClientSampleId :
 PB125466BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	67.5	48.0	88.0
98	35.6	14.9	54.9

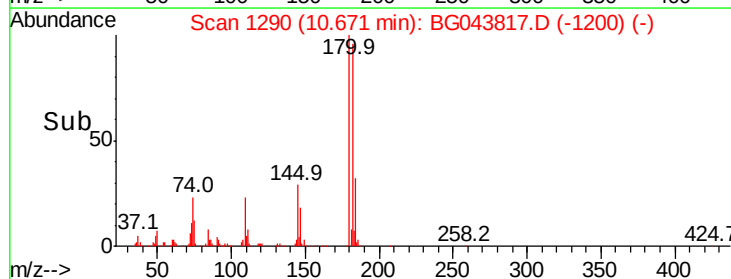
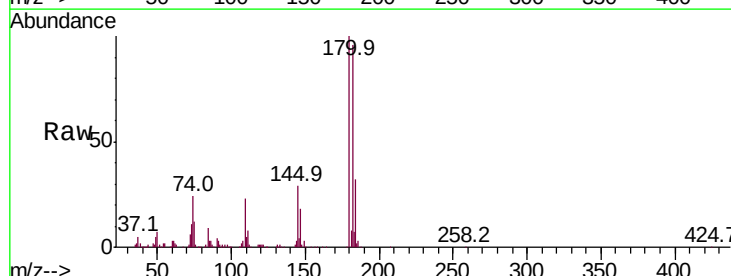
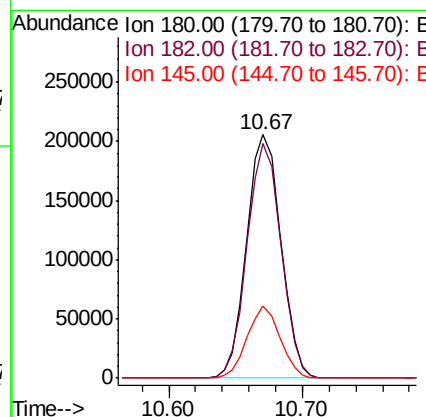
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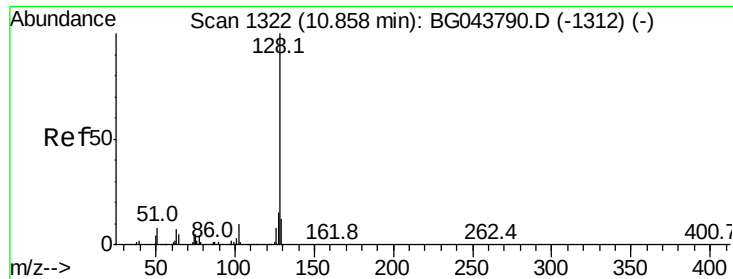
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.335 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.3	77.8	116.8
145	29.5	23.0	34.6





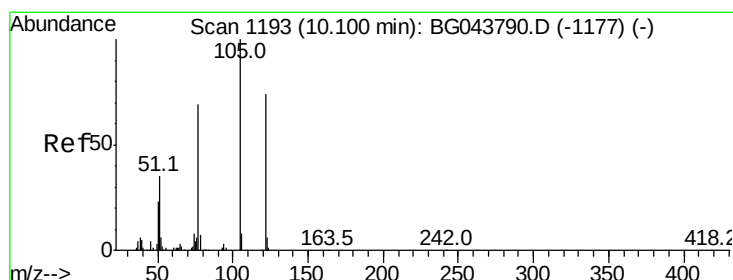
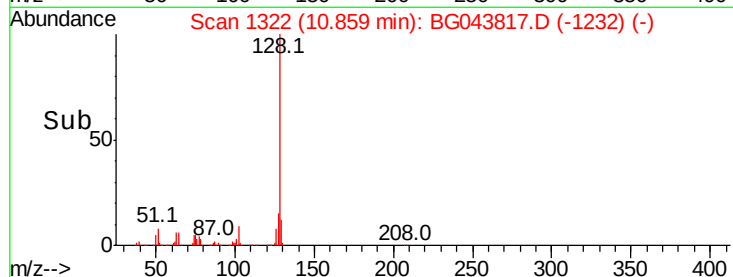
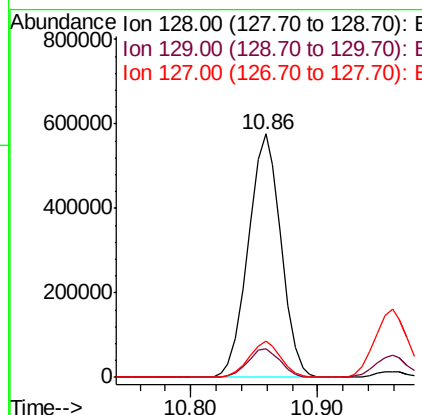
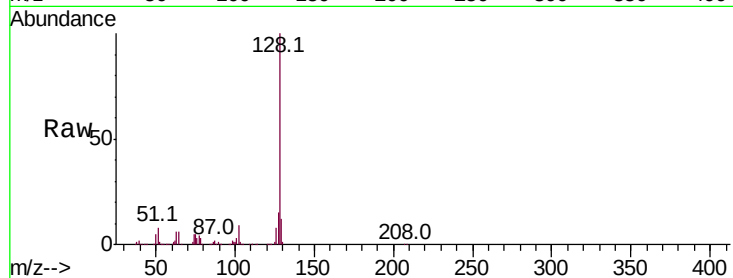
#31
Naphthalene
Concen: 41.428 ng
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	14.7	11.9	17.9

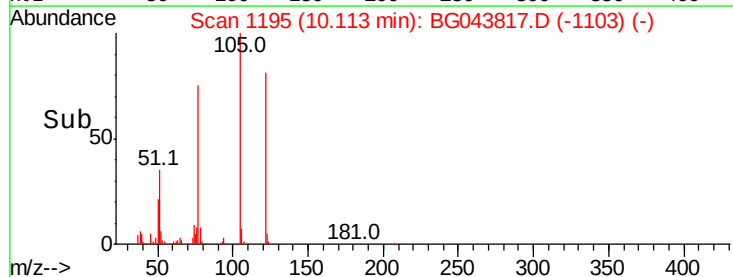
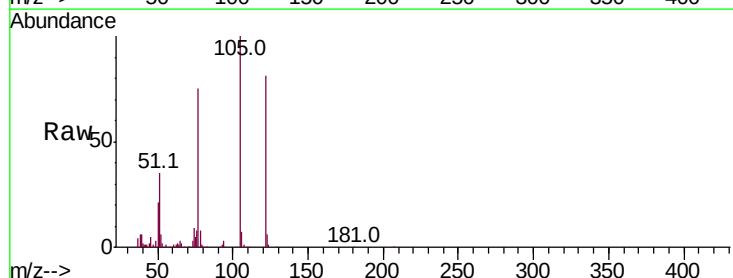
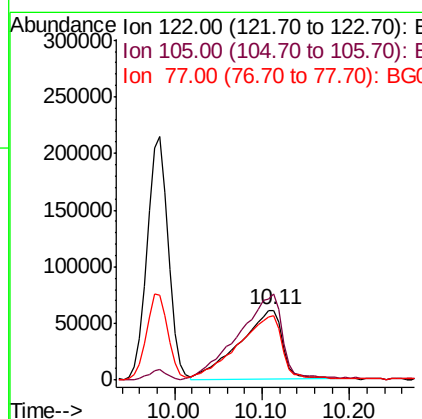
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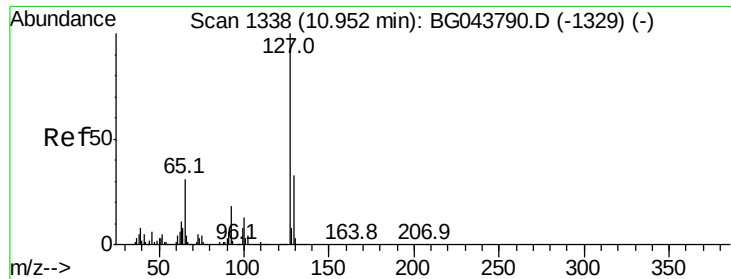
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#32
Benzoic acid
Concen: 45.566 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.6	107.5	147.5
77	93.2	71.7	111.7





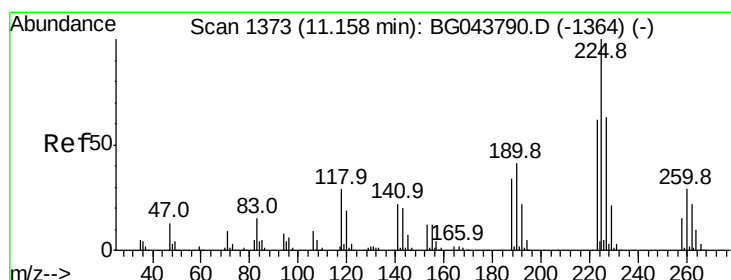
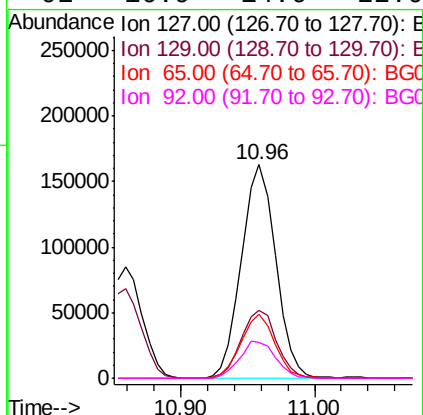
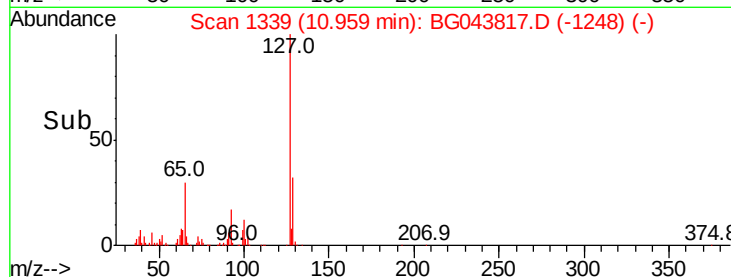
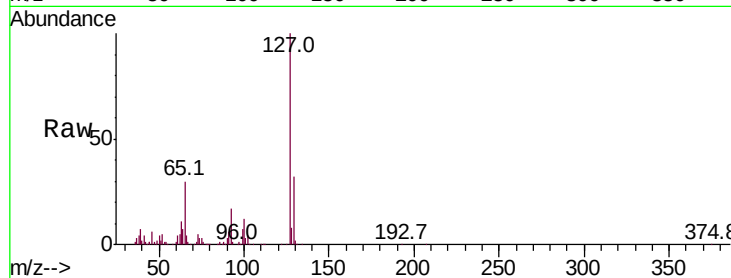
#33
4-Chloroaniline
Concen: 24.005 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.8	26.1	39.1
65	30.0	24.4	36.6
92	16.9	14.6	22.0

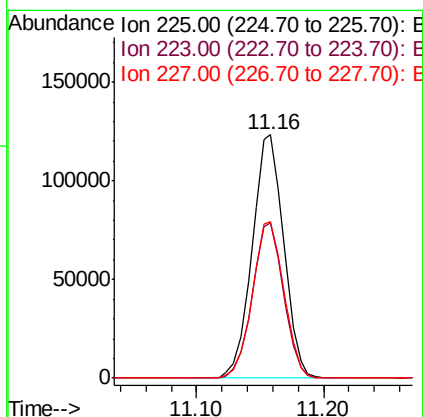
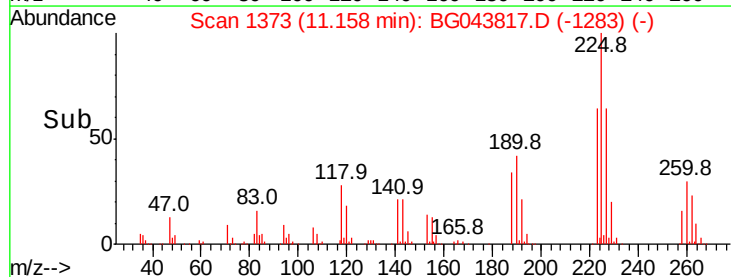
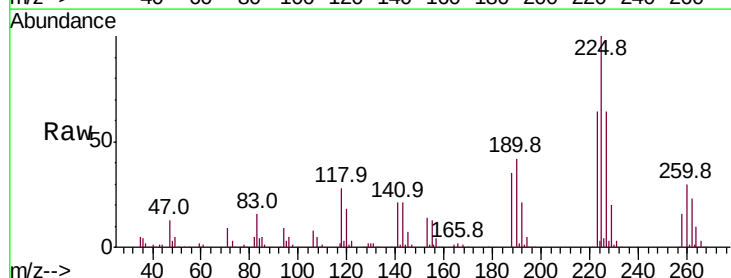
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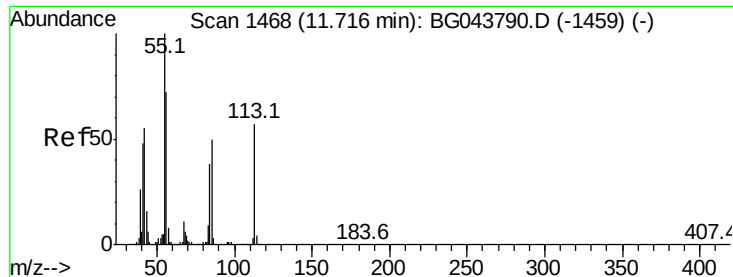
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#34
Hexachlorobutadiene
Concen: 37.107 ng
RT: 11.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.8	49.3	73.9
227	64.4	50.2	75.2





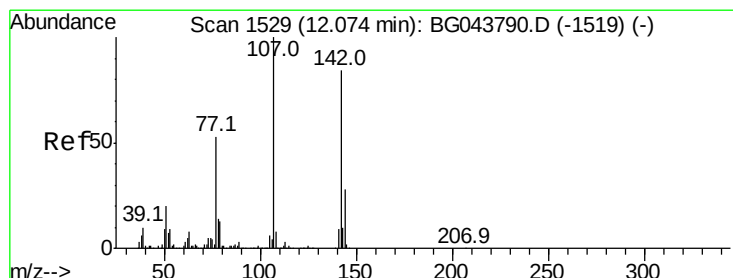
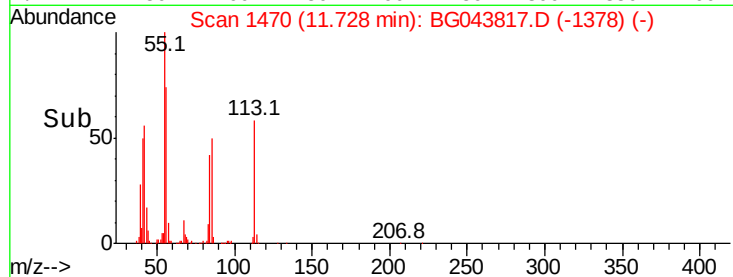
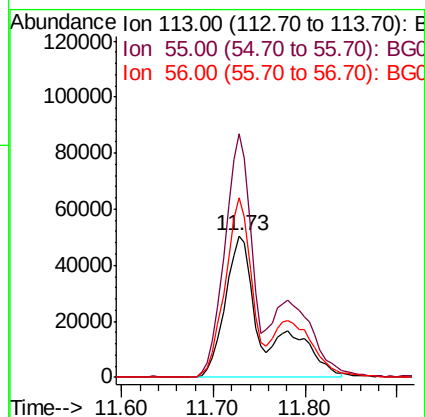
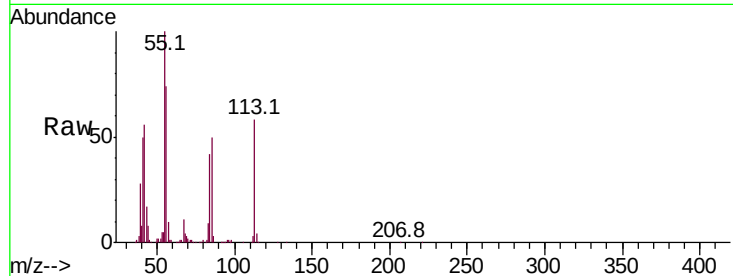
#35
 Caprolactam
 Concen: 48.548 ng/ml
 RT: 11.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Instrument :
 BNA_G
 ClientSampleId :
 PB125466BSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	172.3	154.2	194.2	
56	127.2	105.6	145.6	

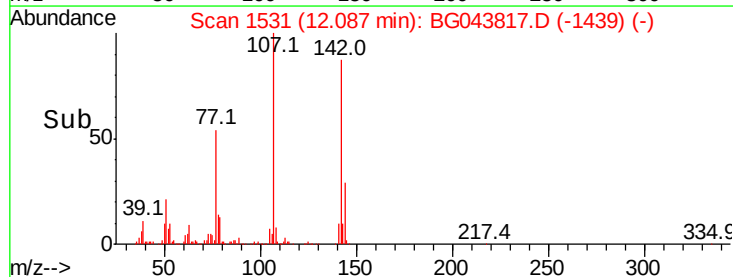
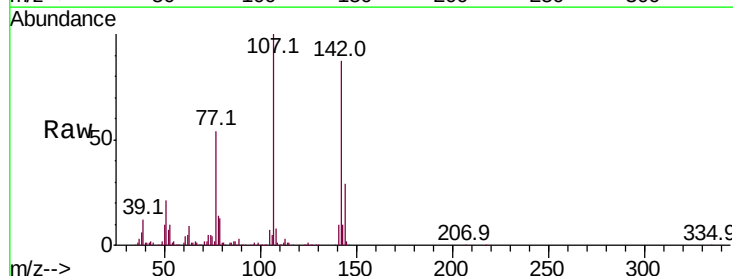
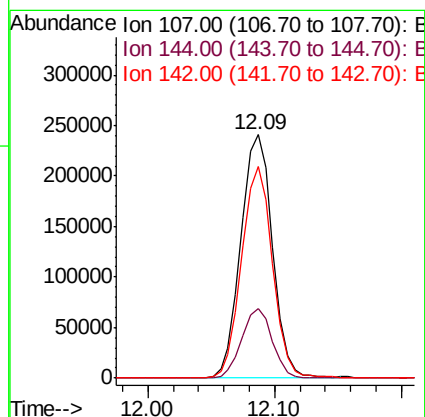
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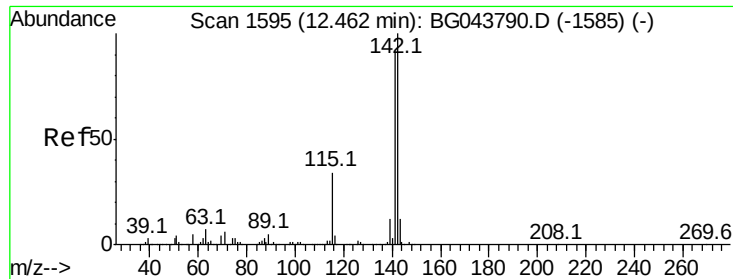
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#36
 4-Chloro-3-methylphenol
 Concen: 48.434 ng/ml
 RT: 12.09 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	28.8	22.2	33.4	
142	87.1	67.0	100.6	





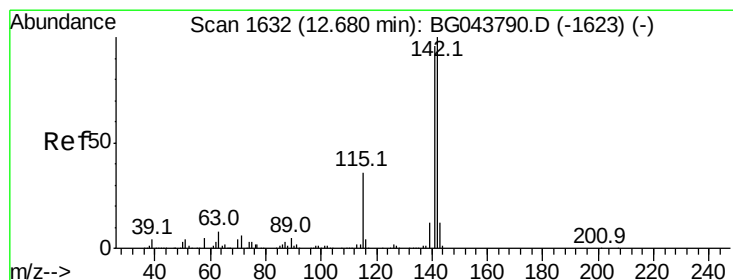
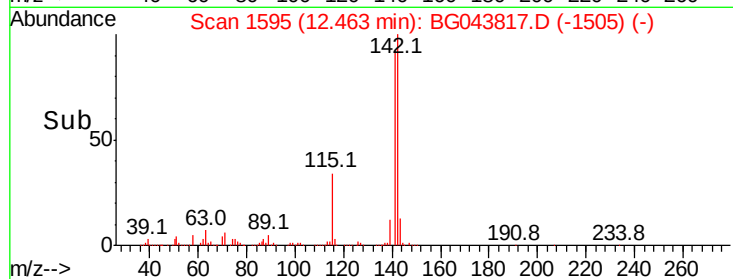
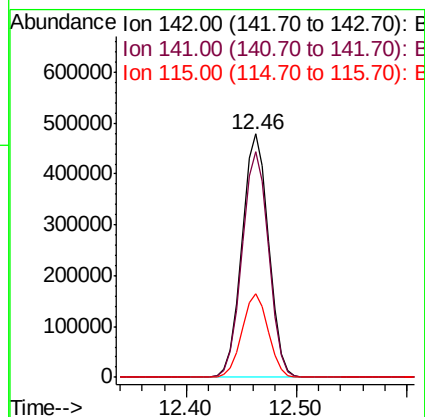
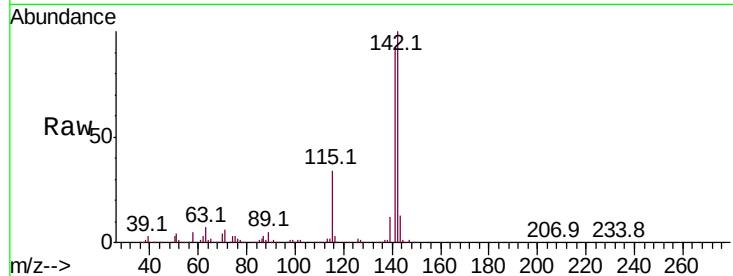
#37
2-Methylnaphthalene
Concen: 41.963 ng
RT: 12.46 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.2	109.8
115	34.4	27.3	40.9

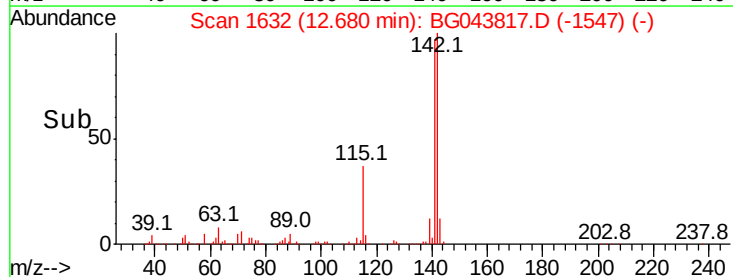
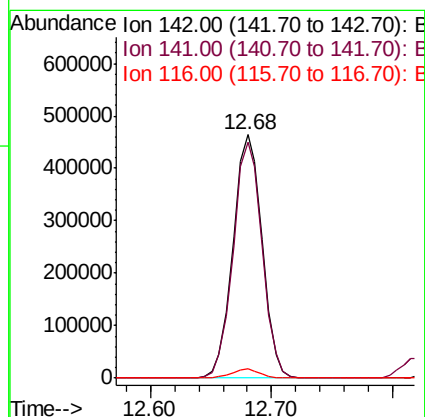
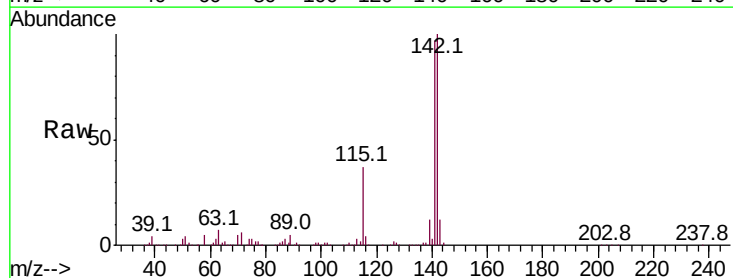
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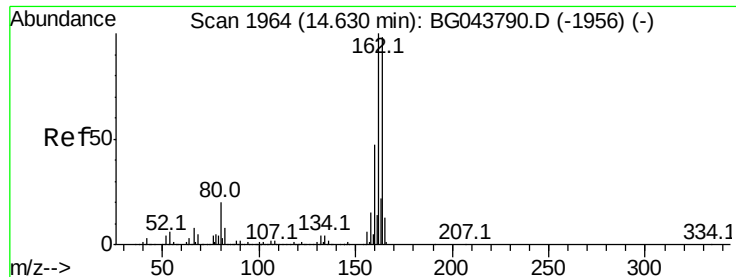
mohammad
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#38
1-Methylnaphthalene
Concen: 42.320 ng
RT: 12.68 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.1	76.9	115.3
116	4.0	3.2	4.8





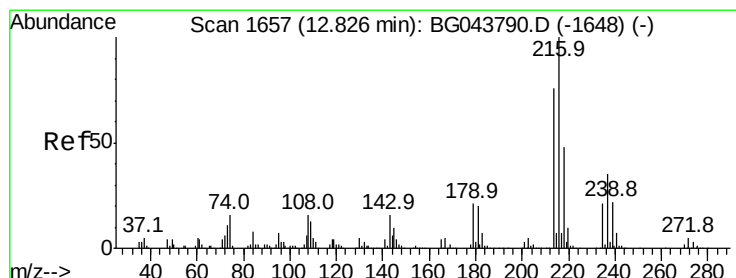
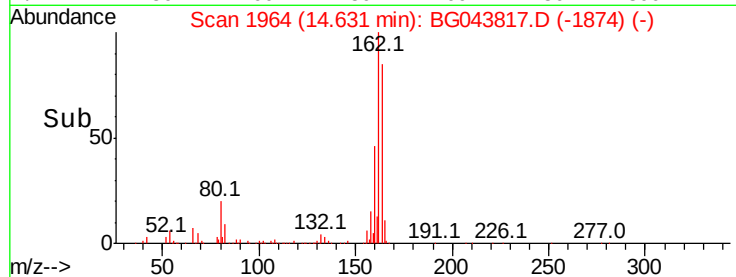
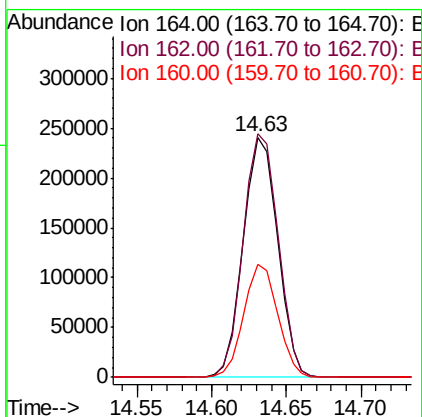
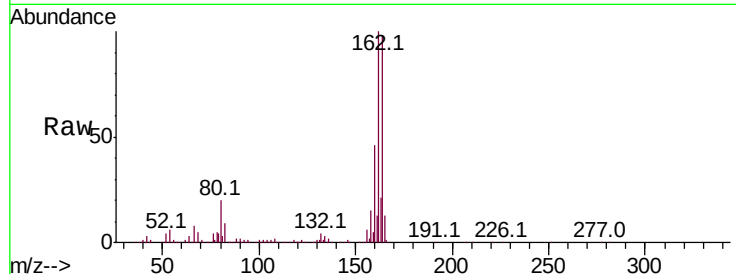
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	81.9	122.9	
160	47.2	38.3	57.5	

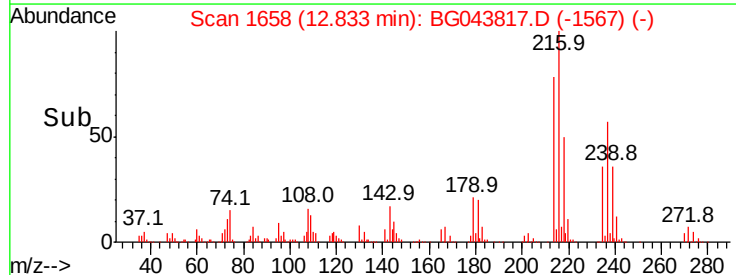
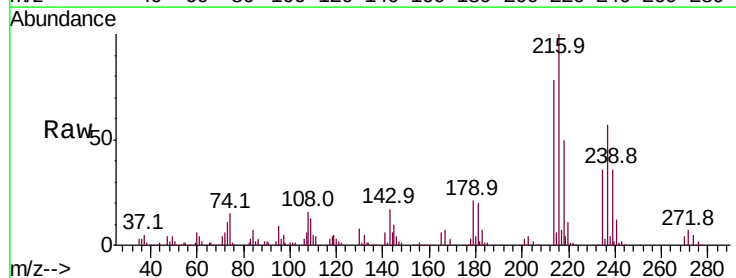
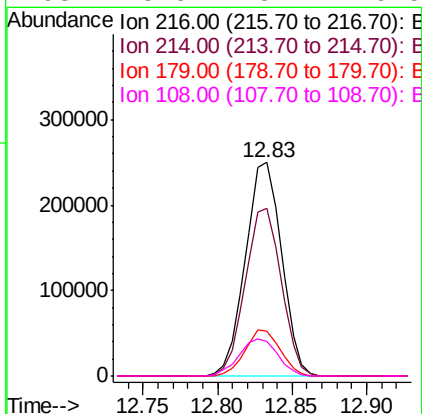
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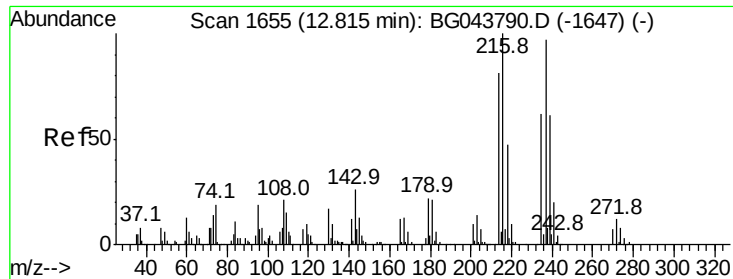
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.195 ng
RT: 12.83 min Scan# 1658
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.0	62.2	93.4	
179	21.2	16.6	25.0	
108	18.9	13.7	20.5	





#41

Hexachlorocyclopentadiene

Concen: 94.535 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

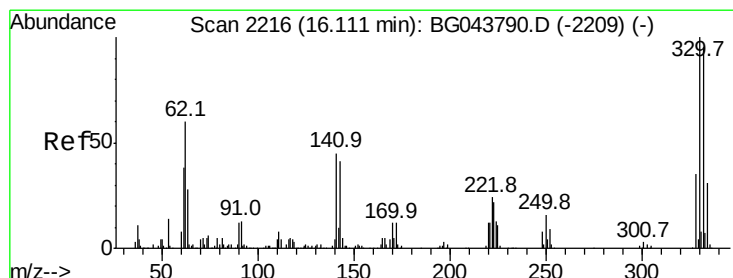
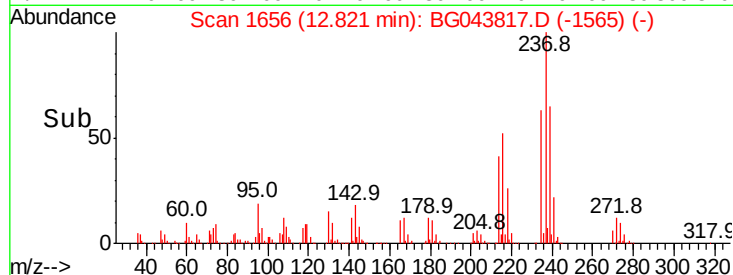
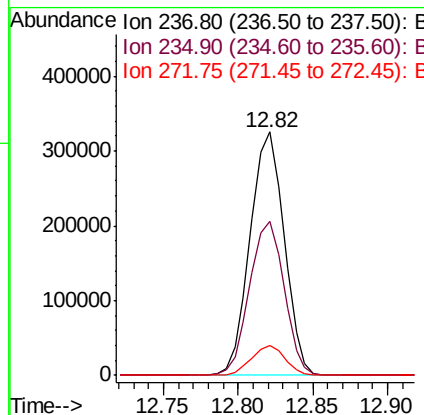
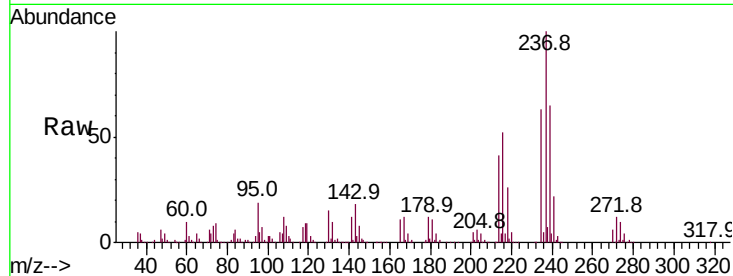
ClientSampleId :

PB125466BSD

Tot Ion:	237	Resp:	513336
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.9	83.9
272	12.2	0.0	32.0

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#42

2,4,6-Tribromophenol

Concen: 126.634 ng

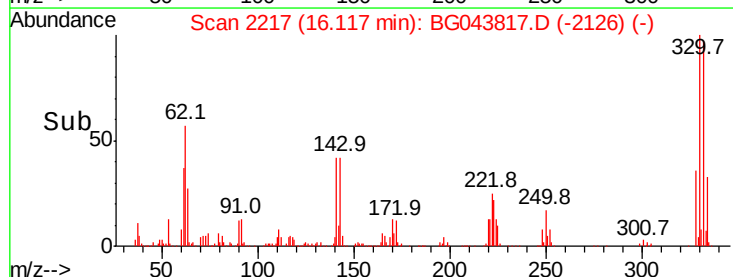
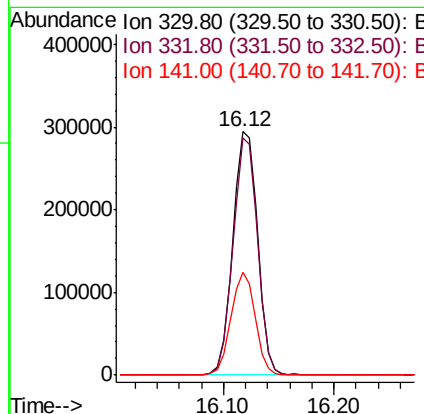
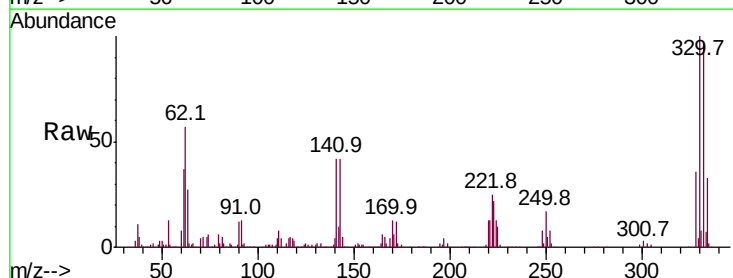
RT: 16.12 min Scan# 2217

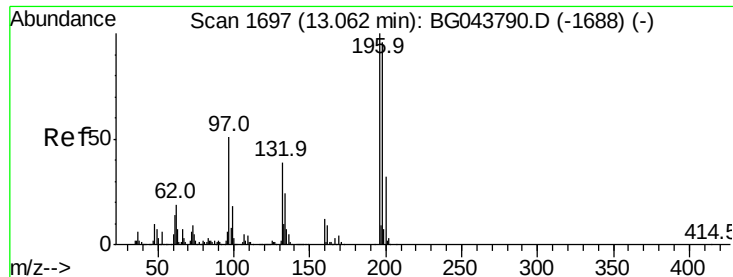
Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Tgt Ion:	330	Resp:	464799
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.9	115.3
141	41.2	33.8	50.8





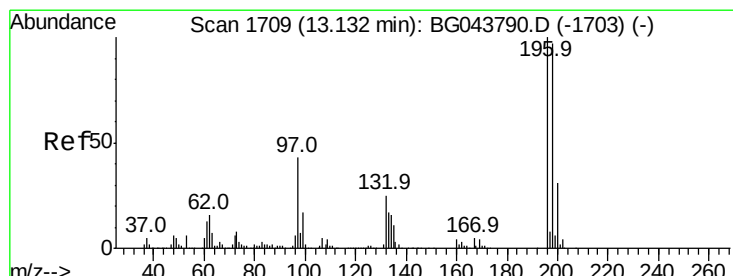
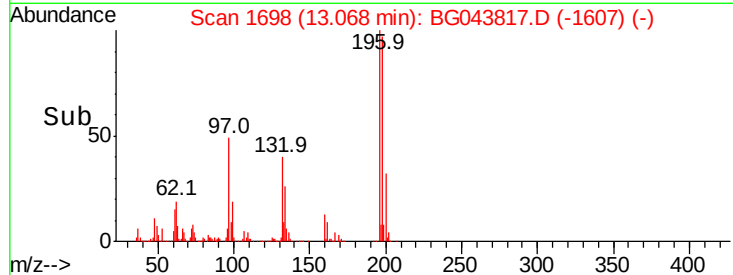
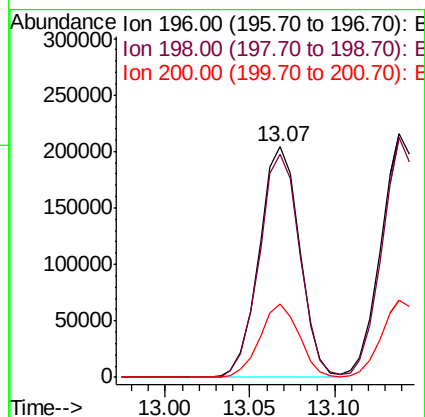
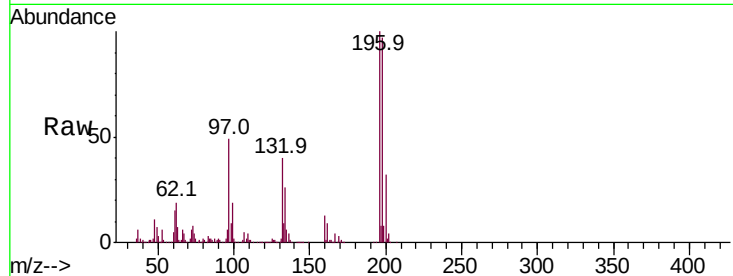
#43
2,4,6-Trichlorophenol
Concen: 45.815 ng
RT: 13.07 min Scan# 1698
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	336887		
198	96.7	77.0	115.6	
200	31.8	25.7	38.5	

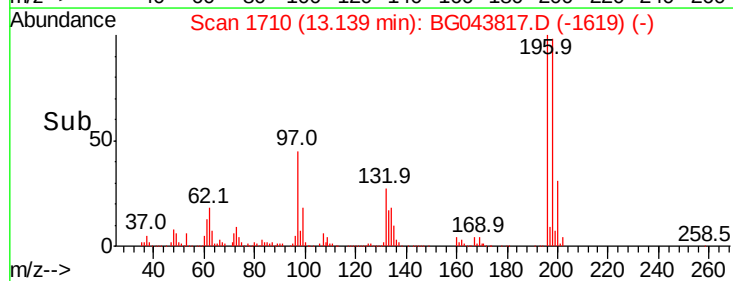
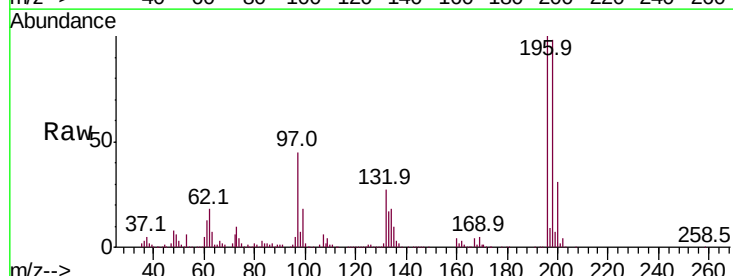
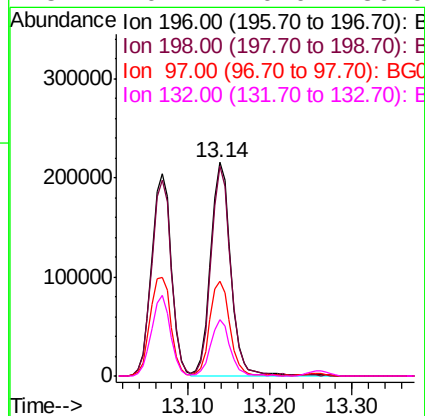
Manual Integrations
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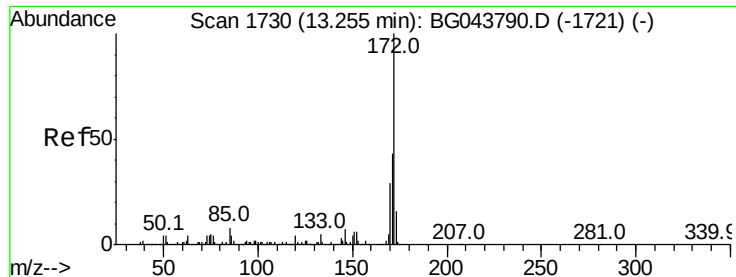
mohammad
12/18/2019 2:40:37 PM



#44
2,4,5-Trichlorophenol
Concen: 47.989 ng
RT: 13.14 min Scan# 1710
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	369696		
198	98.5	77.4	116.0	
97	44.7	34.7	52.1	
132	26.7	20.0	30.0	





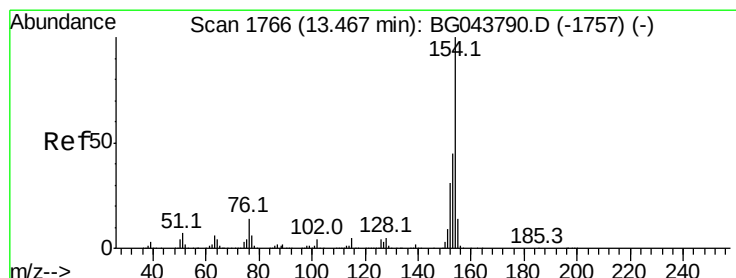
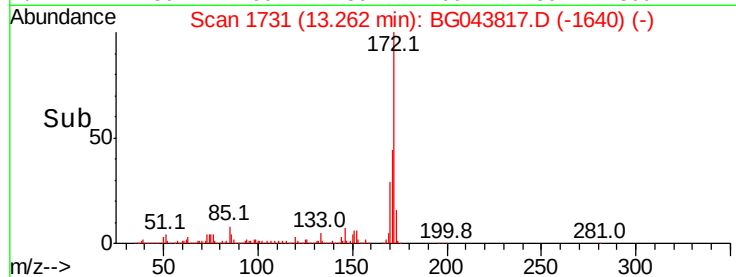
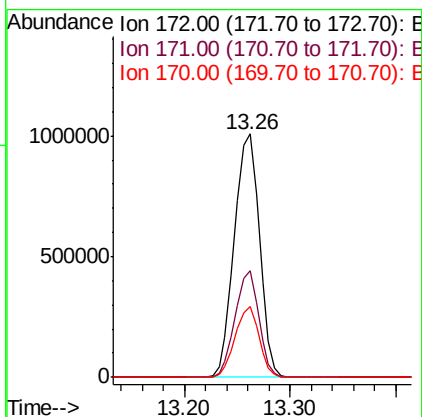
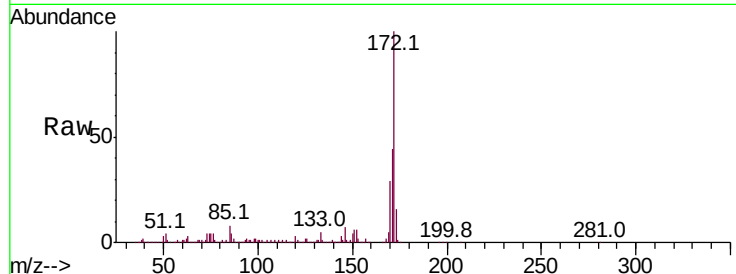
#45
2-Fluorobiphenyl
Concen: 75.540 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	43.6	34.6	51.8
170	29.1	23.3	34.9

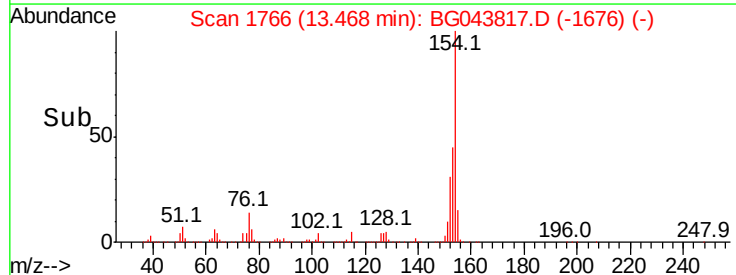
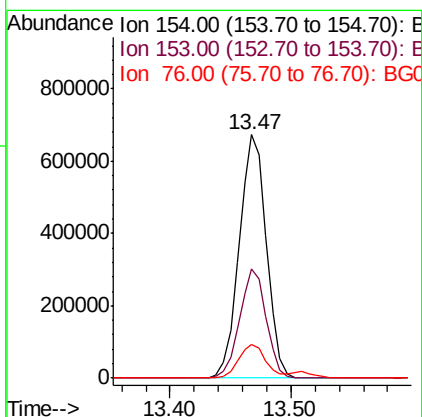
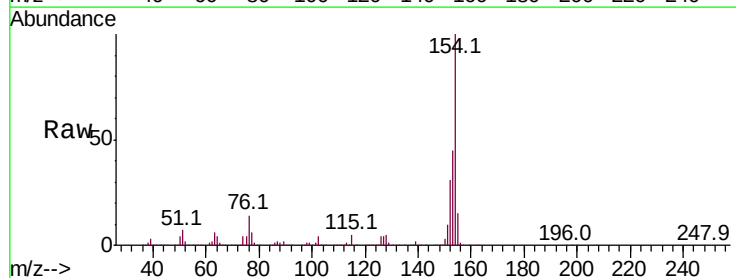
Manual Integrations
APPROVED

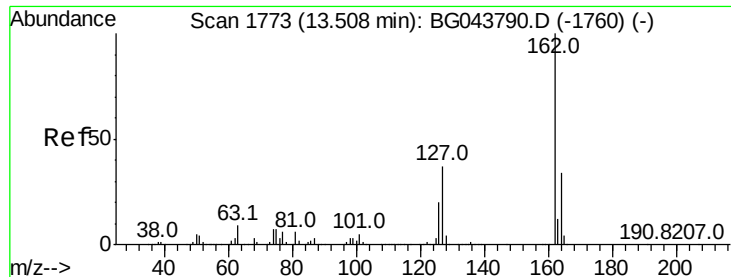
mohammad
12/18/2019 2:40:37 PM



#46
1,1'-Biphenyl
Concen: 39.581 ng
RT: 13.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.0	24.5	64.5
76	13.8	0.0	33.9





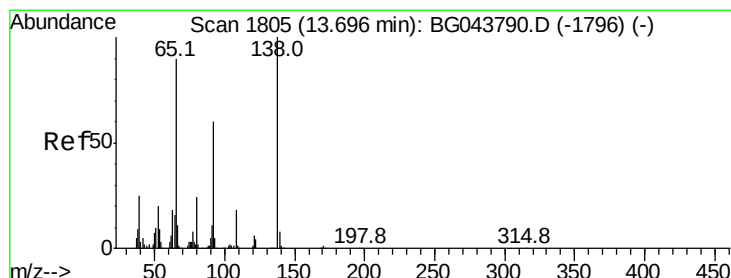
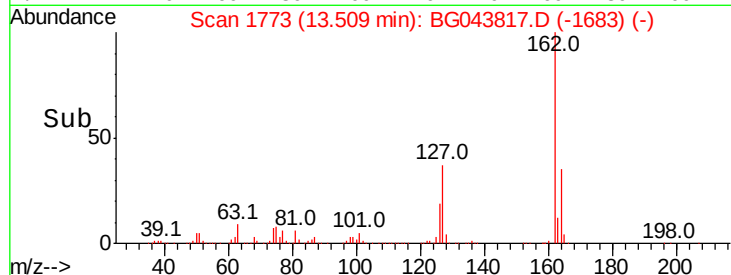
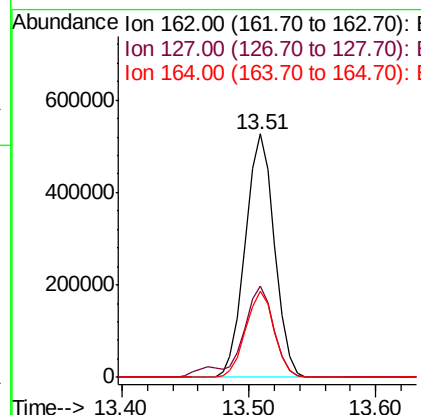
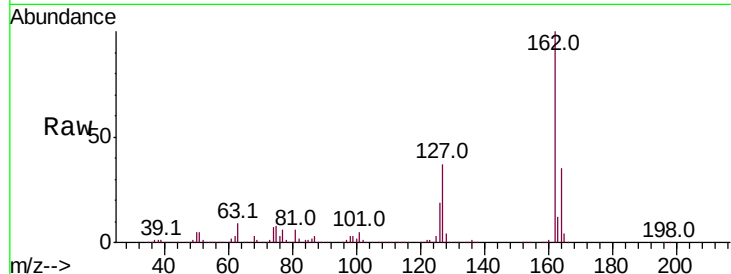
#47
 2-Chloronaphthalene
 Concen: 38.726 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Instrument :
 BNA_G
 ClientSampleId :
 PB125466BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.0	45.0
164	35.5	27.6	41.4

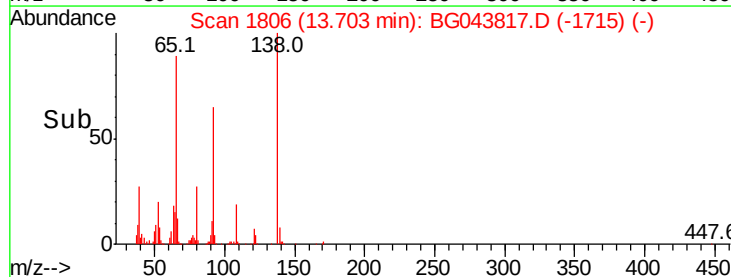
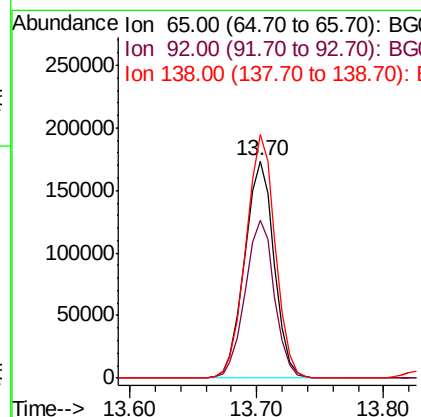
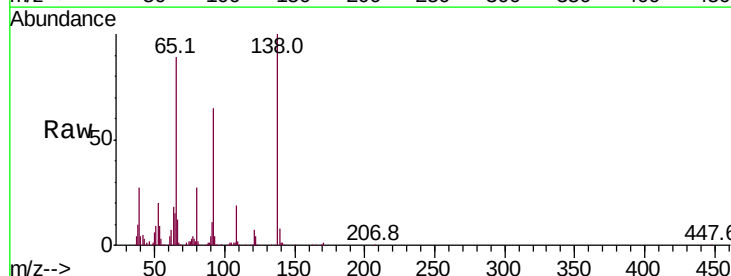
Manual Integrations
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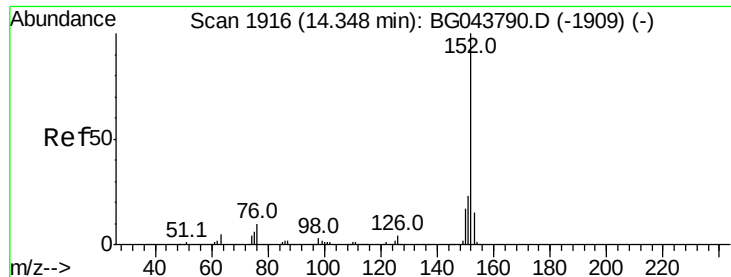
mohammad
 12/18/2019 2:40:37 PM



#48
 2-Nitroaniline
 Concen: 43.598 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	53.7	80.5
138	112.3	88.8	133.2





#49

Acenaphthylene

Concen: 42.395 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

PB125466BSD

Tot Ion:152 Resp: 1370354

Ion Ratio Lower Upper

152 100

151 23.7 18.5 27.7

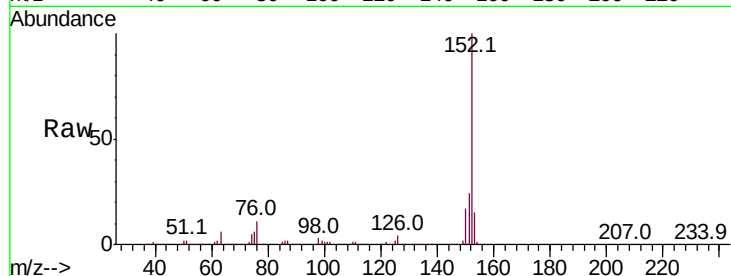
153 14.8 11.8 17.8

Manual Integrations

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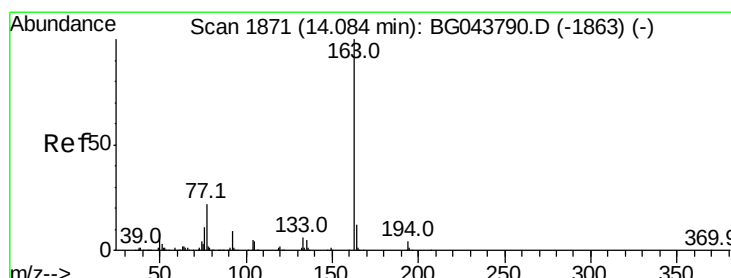
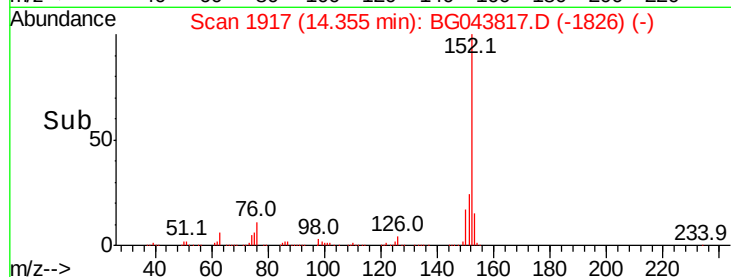
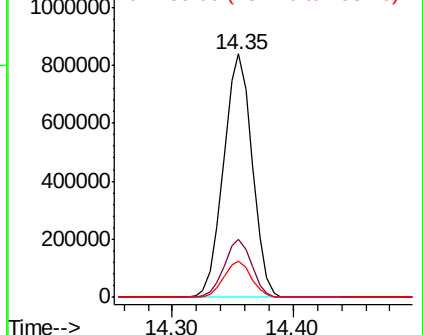


Abundance

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: 40.966 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

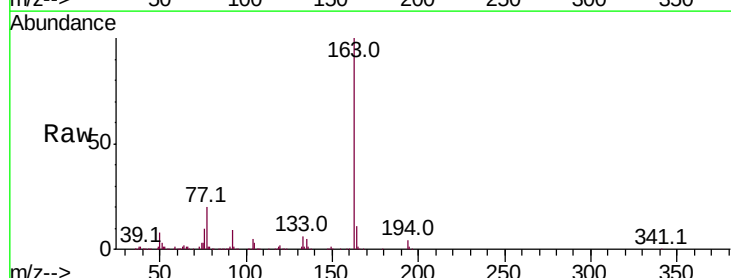
Tgt Ion:163 Resp: 1125714

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

164 11.3 9.4 14.0

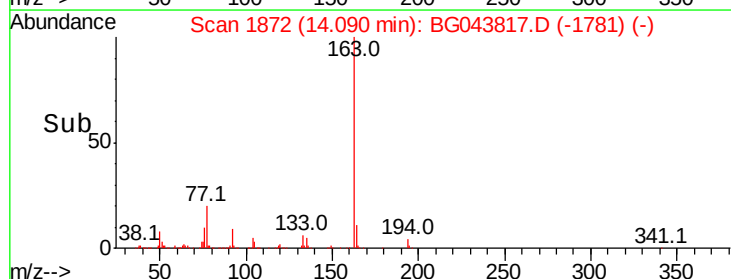
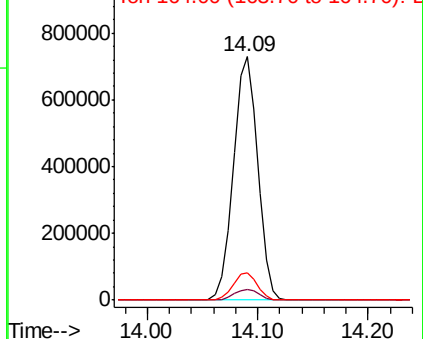


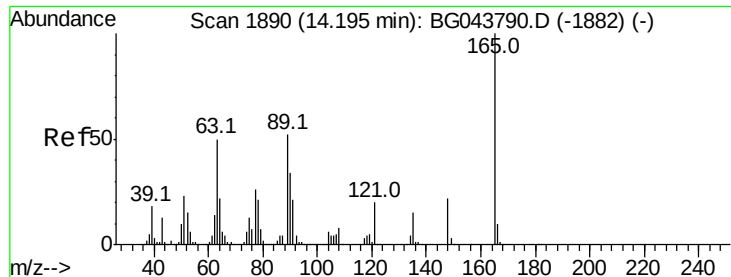
Abundance

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





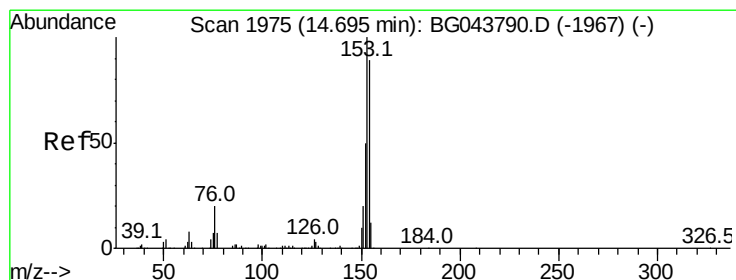
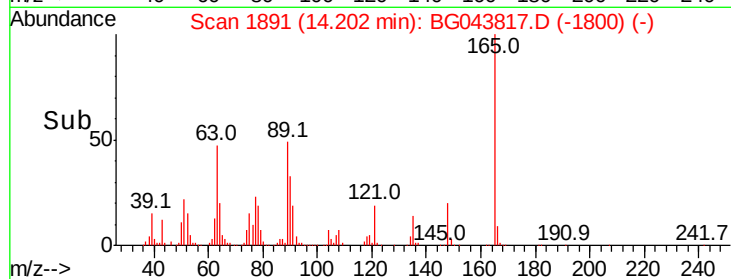
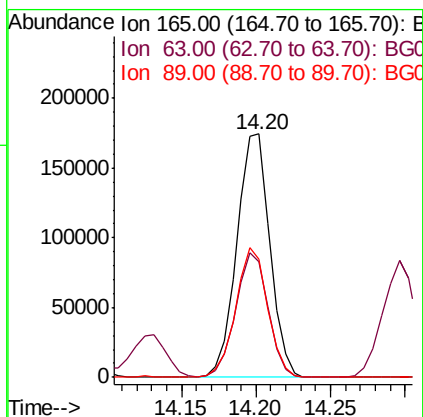
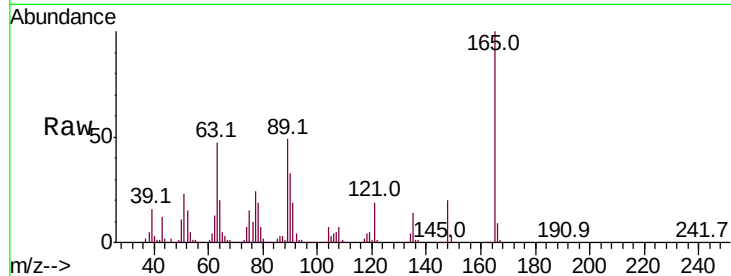
#51
2,6-Dinitrotoluene
Concen: 45.283 ng
RT: 14.20 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	268160		
63	47.5		40.3	60.5
89	48.7		41.8	62.8

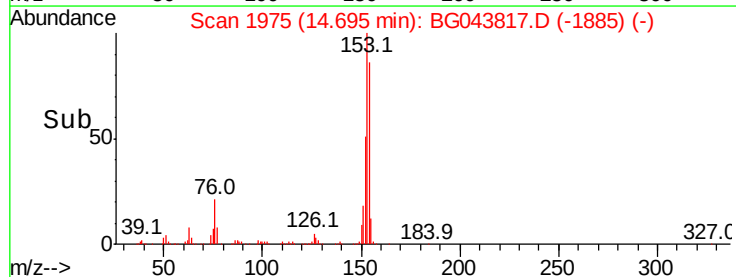
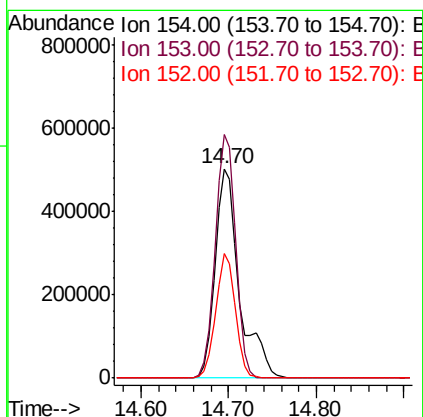
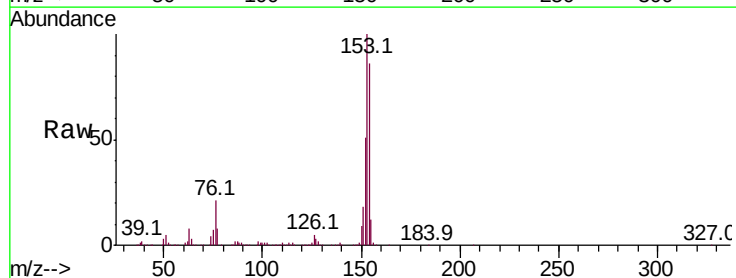
Manual Integrations
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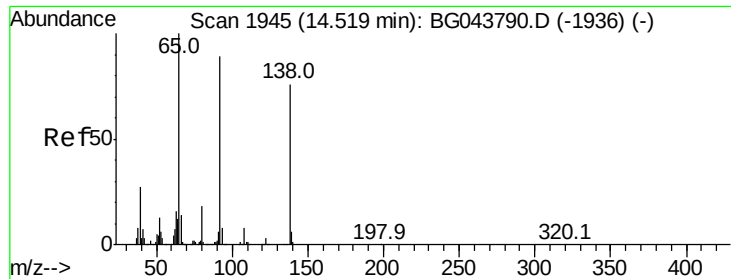
mohammad
12/18/2019 2:40:37 PM



#52
Acenaphthene
Concen: 45.371 ng
RT: 14.70 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	964778		
153	116.2		89.5	134.3
152	59.5		45.0	67.4





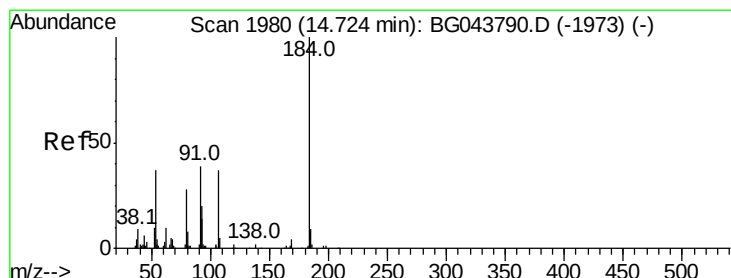
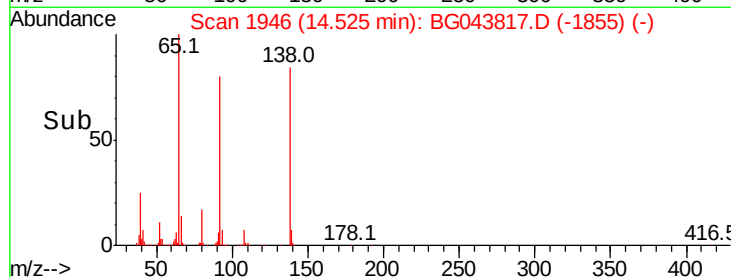
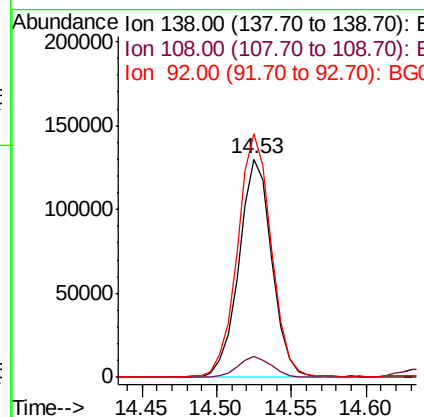
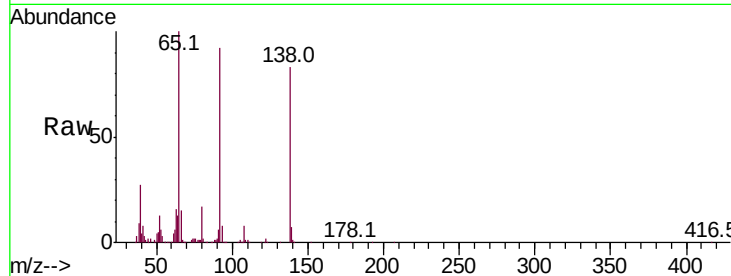
#53
3-Nitroaniline
Concen: 29.395 ng
RT: 14.53 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	199201		
108	9.8	8.1	12.1	
92	111.5	94.6	141.8	

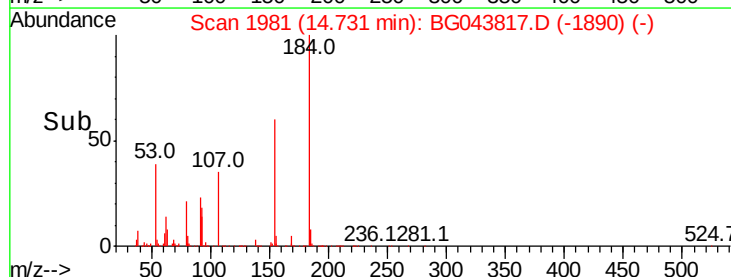
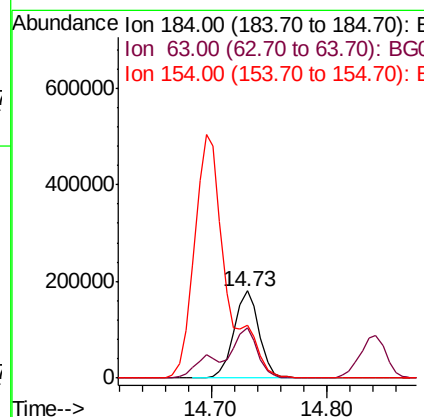
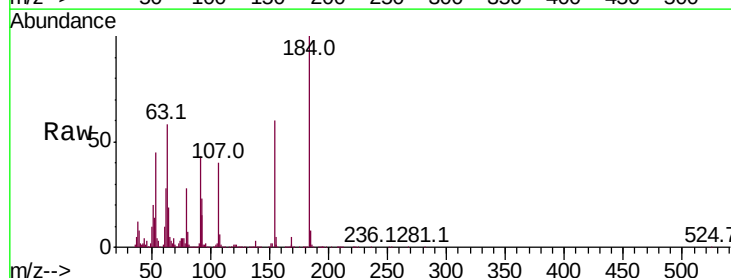
Manual Integrations
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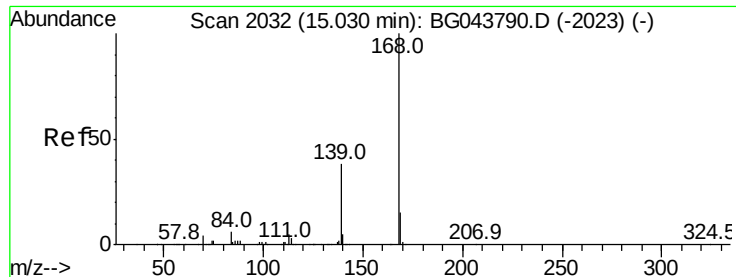
mohammad
12/18/2019 2:40:37 PM



#54
2,4-Dinitrophenol
Concen: 101.029 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	271494		
63	58.0	43.4	65.0	
154	60.1	54.8	82.2	





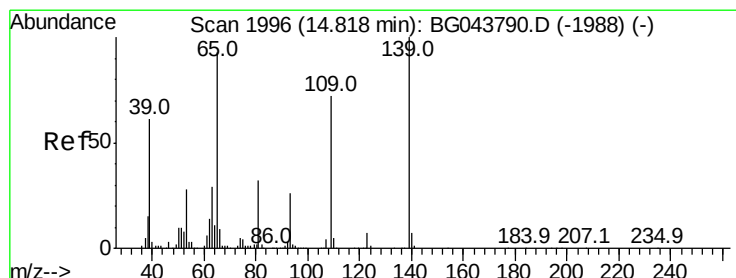
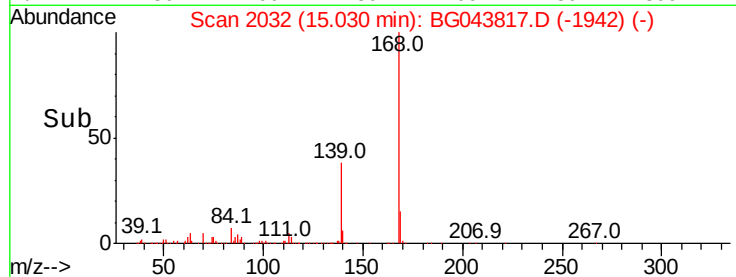
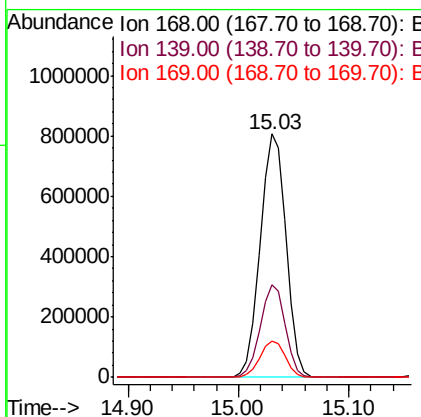
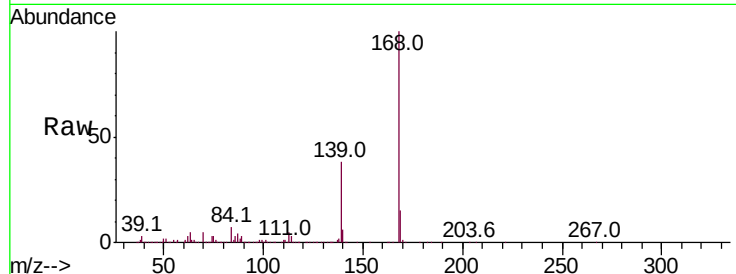
#55
Dibenzofuran
Concen: 42.020 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.4	45.6
169	15.1	12.0	18.0

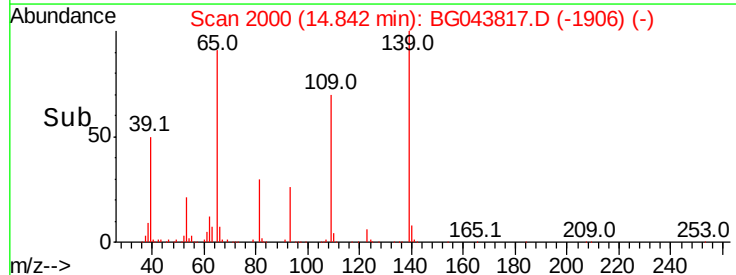
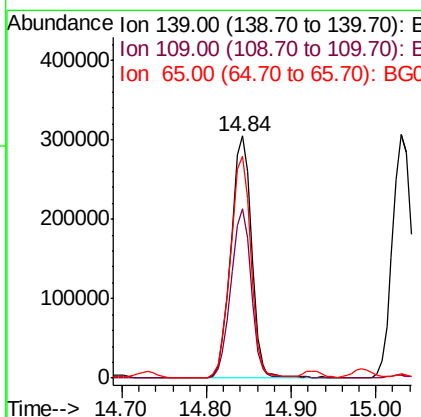
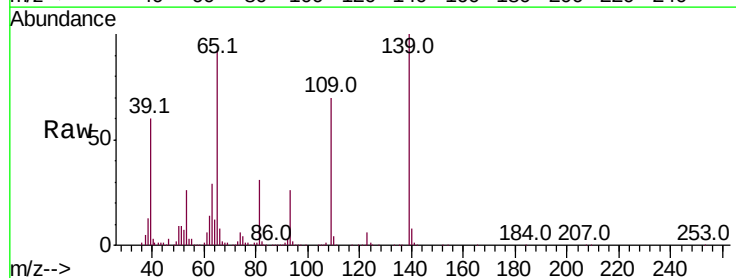
Manual Integrations
APPROVED

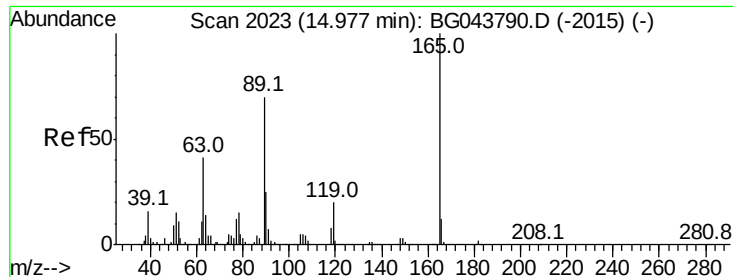
mohammad
12/18/2019 2:40:37 PM



#56
4-Nitrophenol
Concen: 102.898 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.02 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.2	51.5	91.5
65	91.8	73.7	113.7





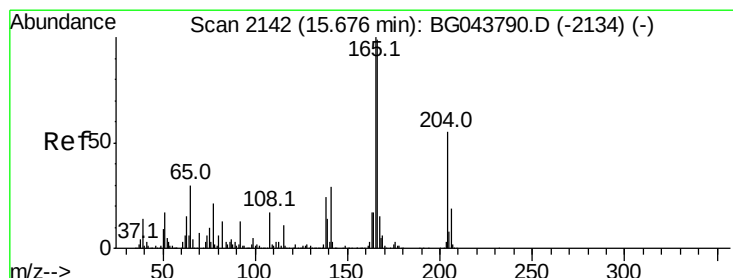
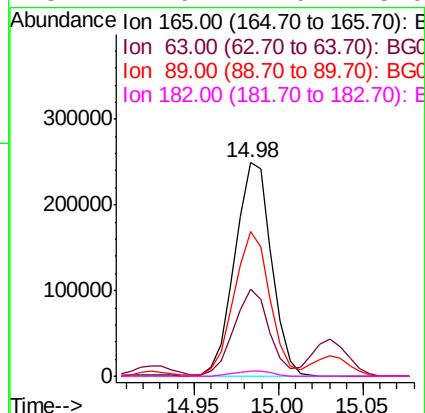
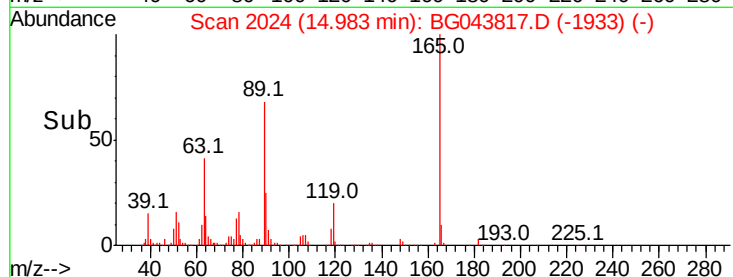
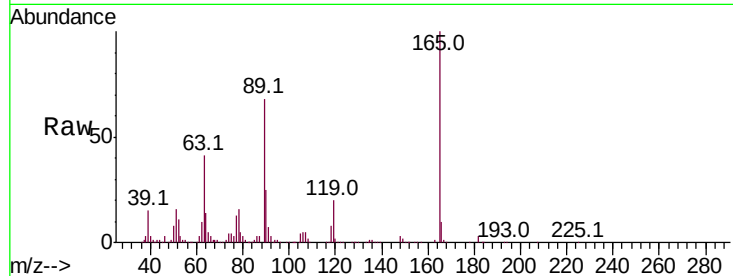
#57
2,4-Dinitrotoluene
Concen: 47.048 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	376466		
63	40.7		32.7	49.1
89	68.0		56.1	84.1
182	2.6		2.0	3.0

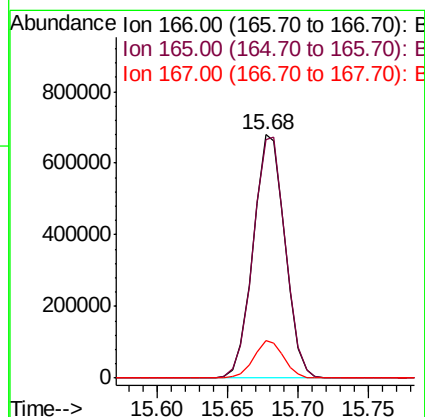
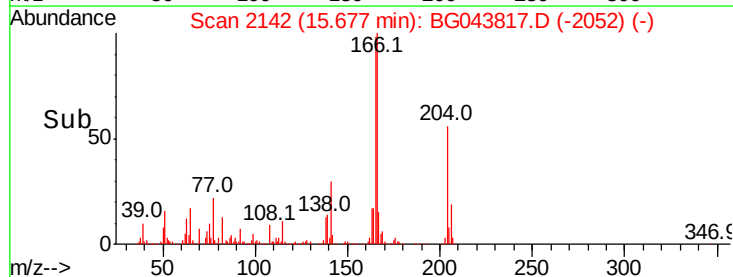
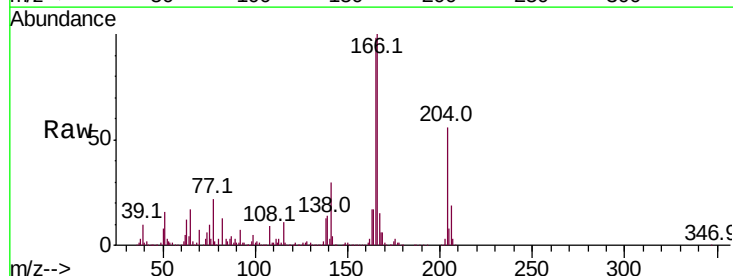
Manual Integrations
APPROVED

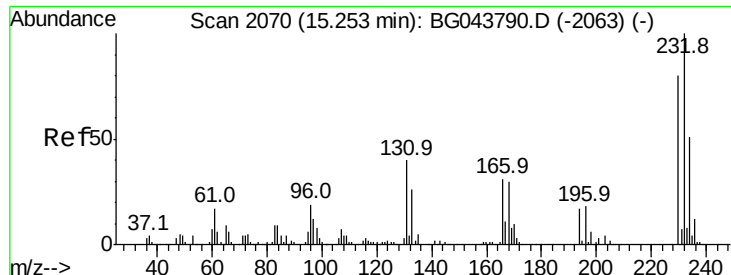
mohammad
12/18/2019 2:40:37 PM



#58
Fluorene
Concen: 42.268 ng
RT: 15.68 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1072385		
165	98.0		80.5	120.7
167	15.5		12.1	18.1





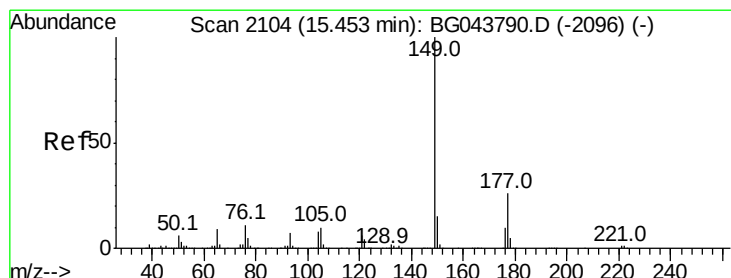
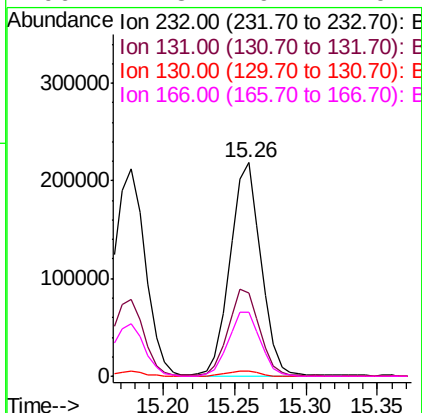
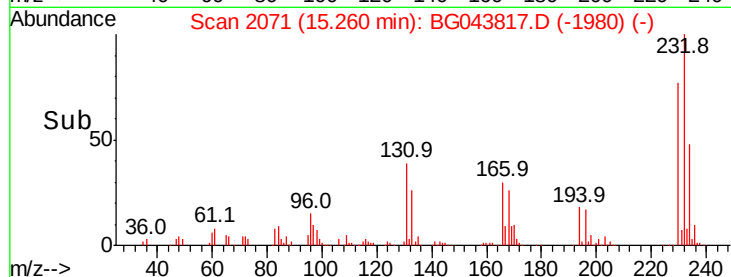
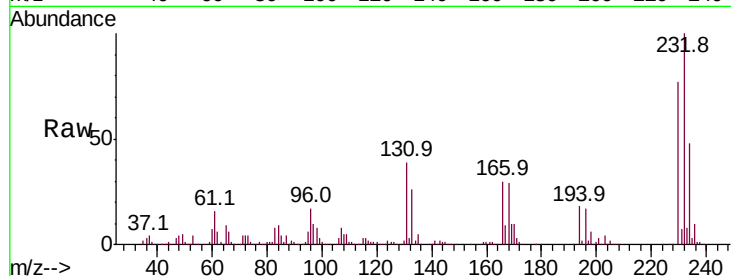
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.062 ng m
 RT: 15.26 min Scan# 2071
 Delta R.T. 0.01 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Instrument :
 BNA_G
 ClientSampleId :
 PB125466BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	332204		
131	36.5		27.9	41.9
130	2.3		1.8	2.8
166	24.8		19.4	29.2

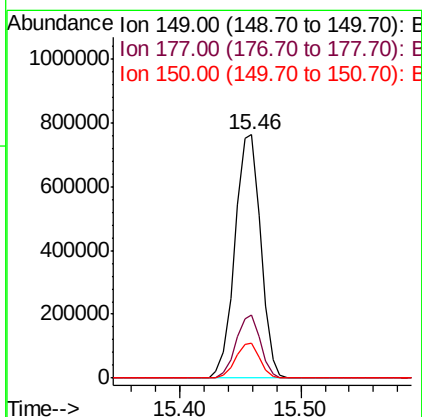
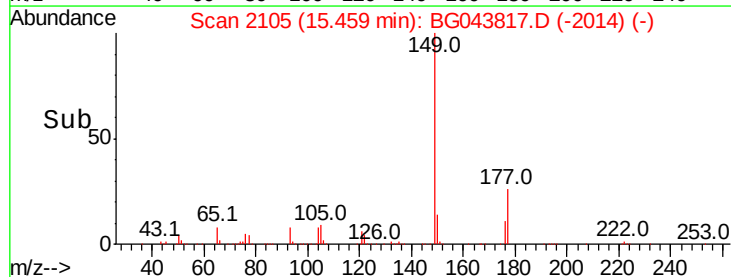
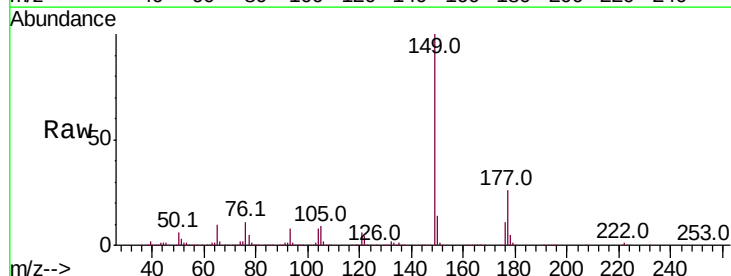
Manual Integrations
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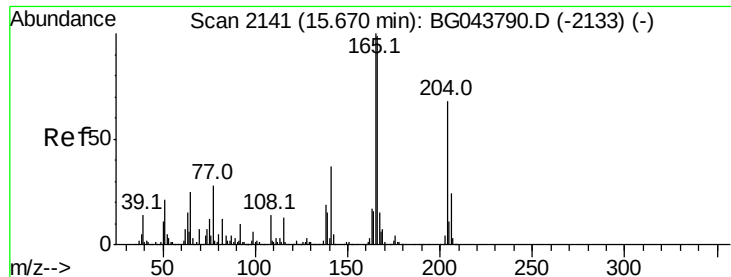
mohammad
 12/18/2019 2:40:37 PM



#60
 Diethylphthalate
 Concen: 41.409 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.01 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1136604		
177	26.0		20.4	30.6
150	14.3		11.6	17.4





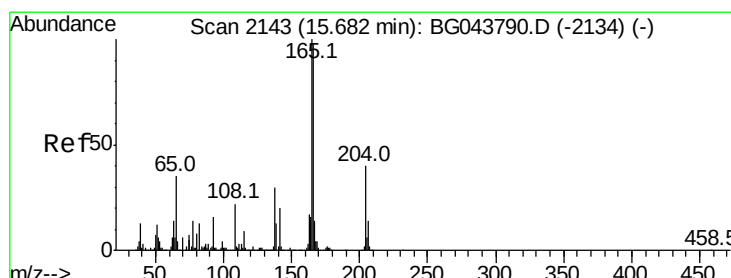
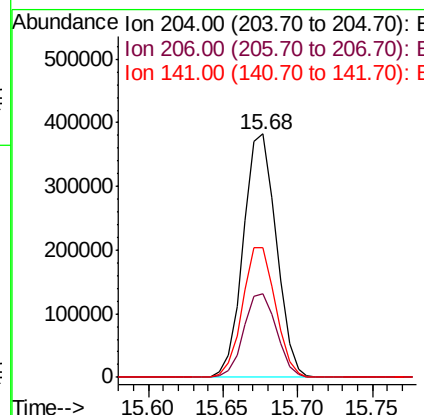
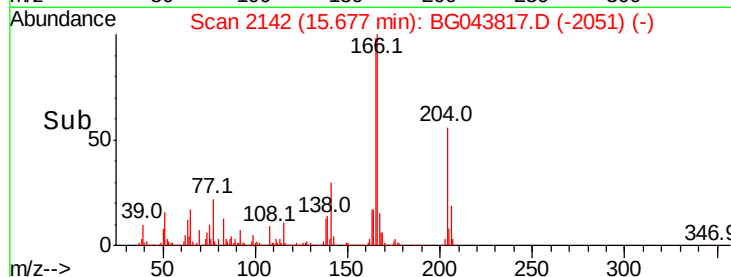
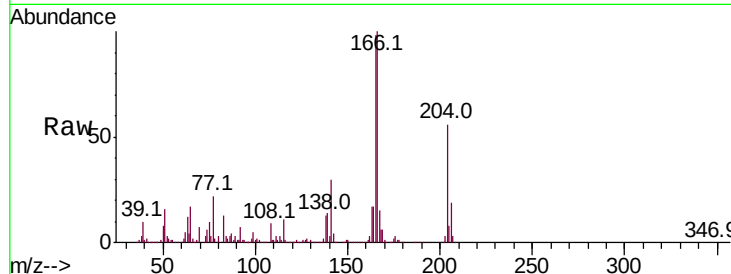
#61
4-Chlorophenyl-phenylether
Concen: 41.127 ng
RT: 15.68 min Scan# 2142
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleID :
PB125466BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	28.1	42.1
141	53.3	44.1	66.1

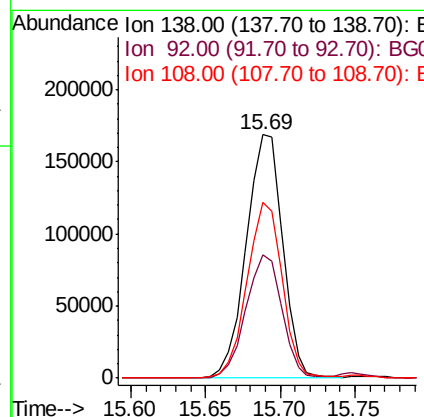
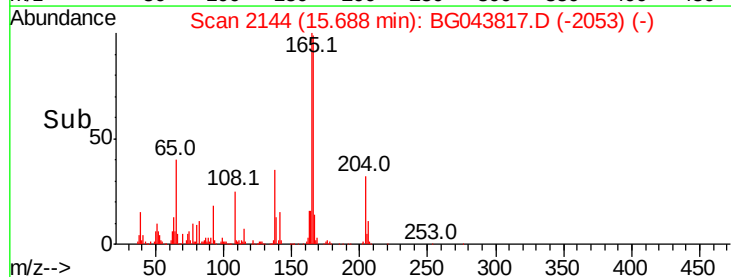
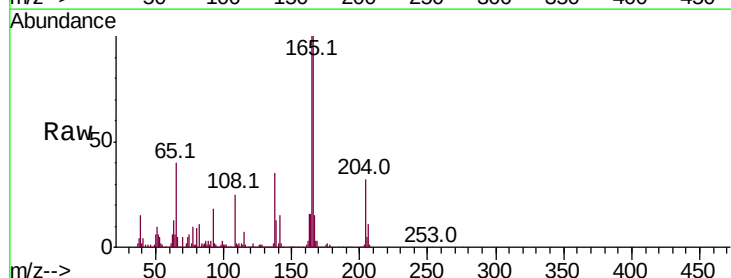
Manual Integrations
APPROVED

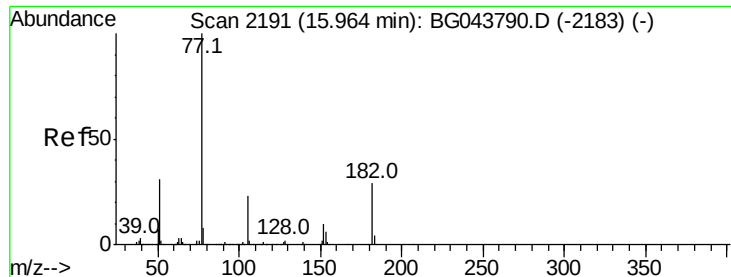
mohammad
12/18/2019 2:40:37 PM



#62
4-Nitroaniline
Concen: 40.643 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	31.5	71.5
108	72.0	53.1	93.1





#63

Azobenzene

Concen: 42.292 ng

RT: 15.96 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

PB125466BSD

Tot Ion: 77 Resp: 1066453

Ion Ratio Lower Upper

77 100

182 29.3 9.0 49.0

105 23.1 2.9 42.9

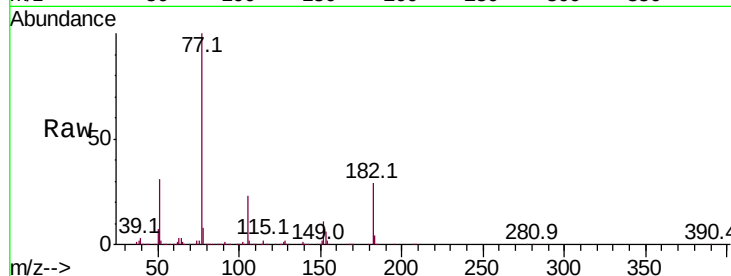
51 30.8 10.6 50.6

Manual Integrations

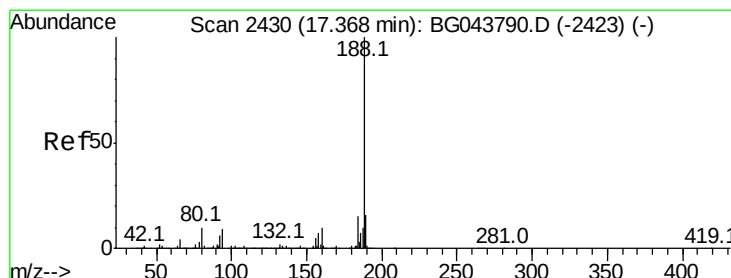
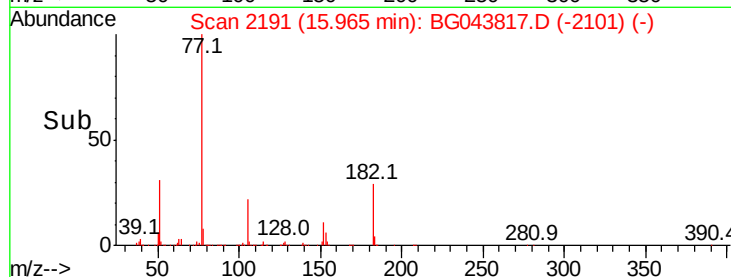
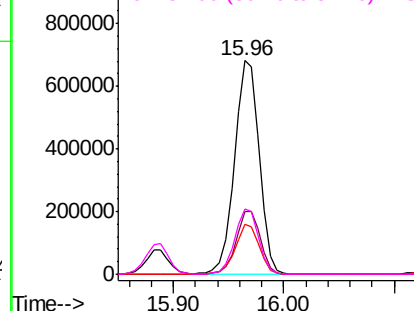
APPROVED

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12/18/2019 2:40:37 PM



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

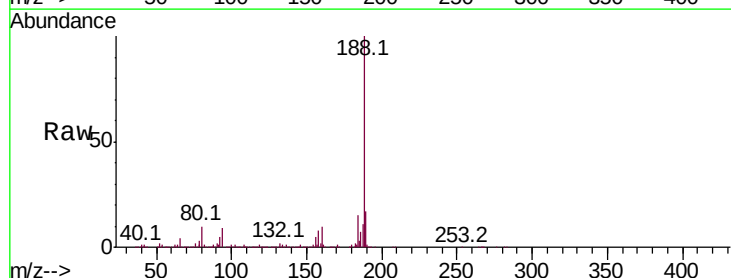
Tgt Ion: 188 Resp: 898823

Ion Ratio Lower Upper

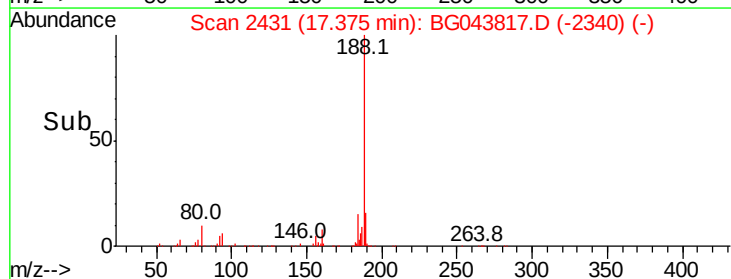
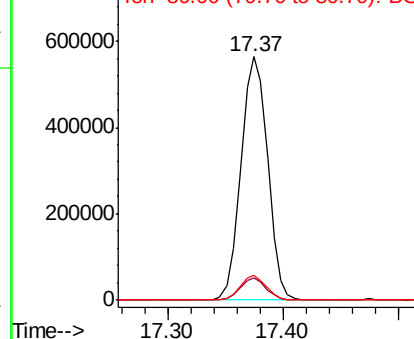
188 100

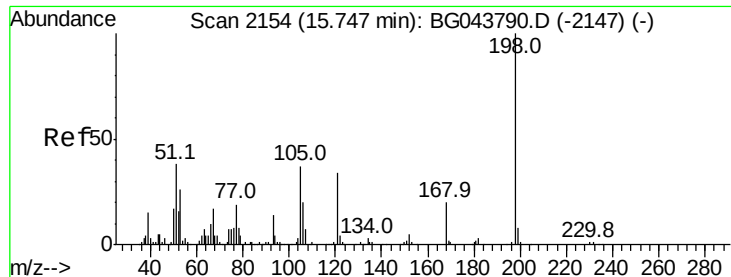
94 9.2 6.9 10.3

80 10.2 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 54.110 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

PB125466BSD

Tot Ion:198 Resp: 192870

Ion Ratio Lower Upper

198 100

51 38.0 18.9 58.9

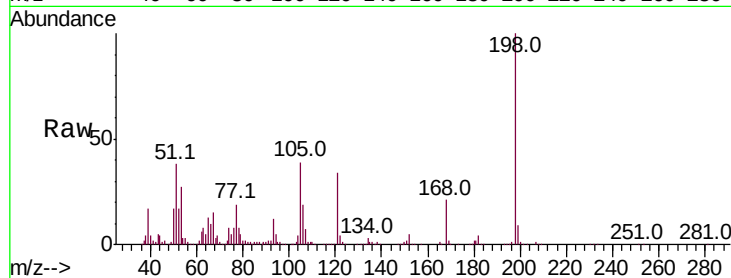
105 38.7 18.1 58.1

Manual Integrations

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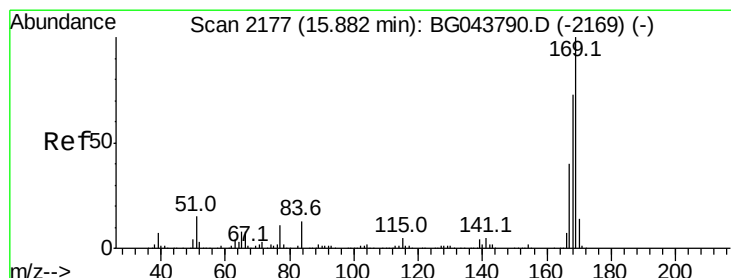
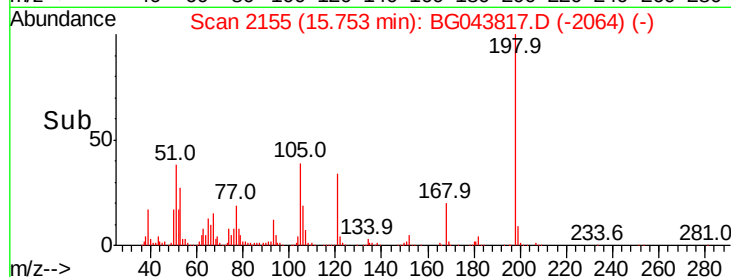
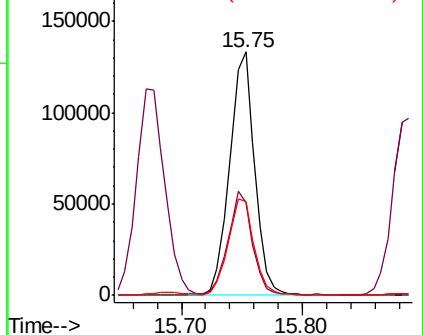
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.926 ng

RT: 15.89 min Scan# 2178

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

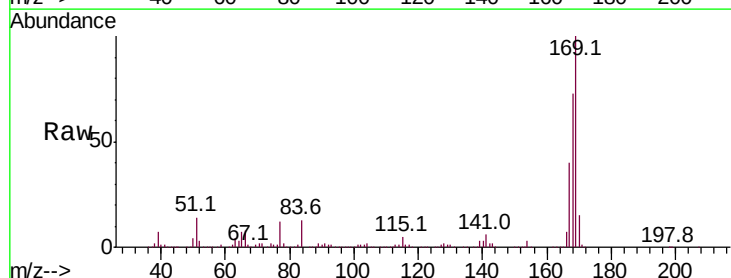
Tgt Ion:169 Resp: 1022389

Ion Ratio Lower Upper

169 100

168 72.6 58.5 87.7

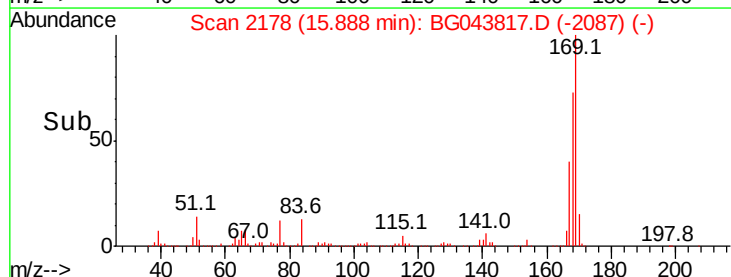
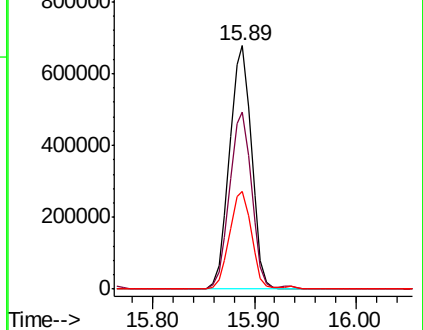
167 40.3 32.1 48.1

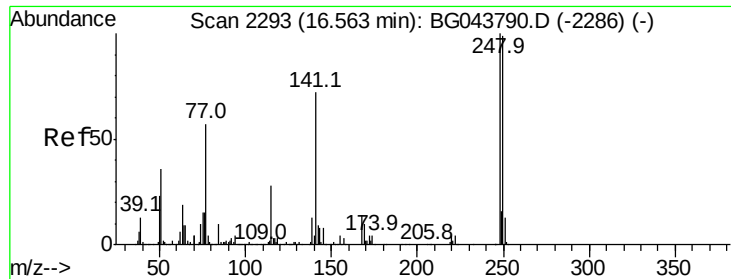


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





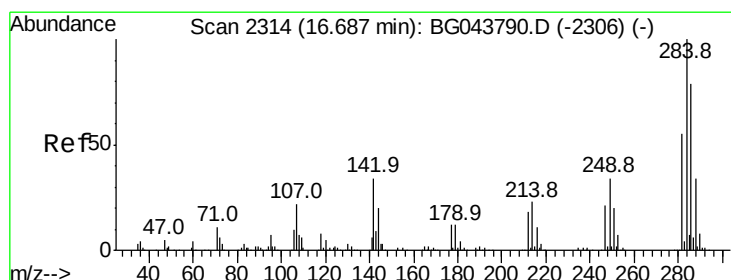
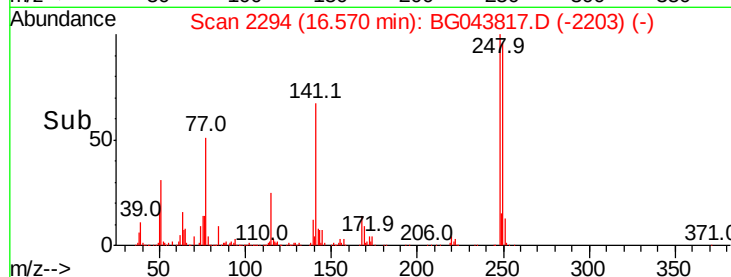
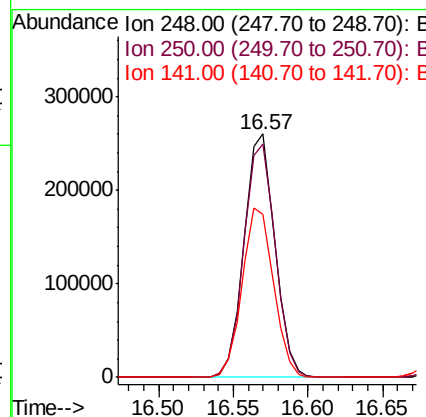
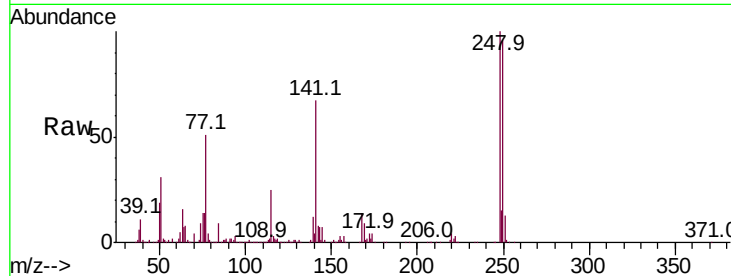
#67
4-Bromophenyl-phenylether
Concen: 38.648 ng
RT: 16.57 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	79.0	118.6
141	66.7	57.8	86.6

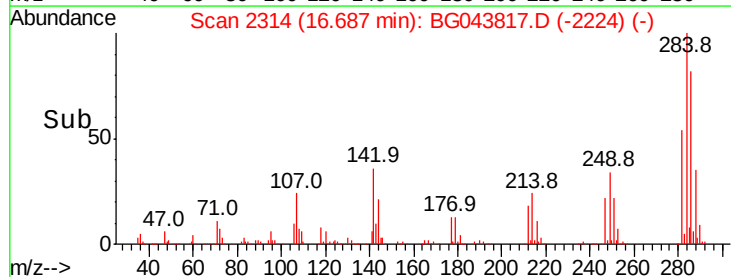
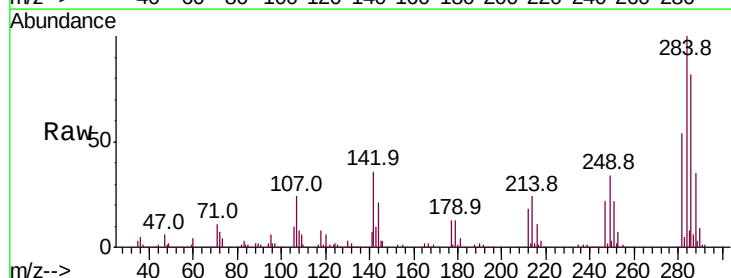
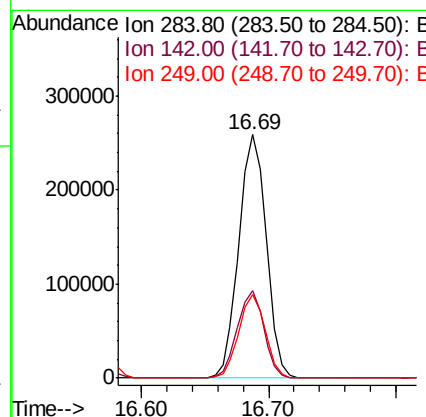
Manual Integrations
APPROVED

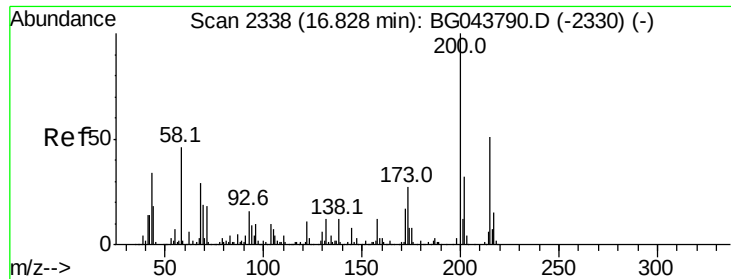
mohammad
12/18/2019 2:40:37 PM



#68
Hexachlorobenzene
Concen: 37.922 ng
RT: 16.69 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	27.0	40.6
249	34.2	27.2	40.8





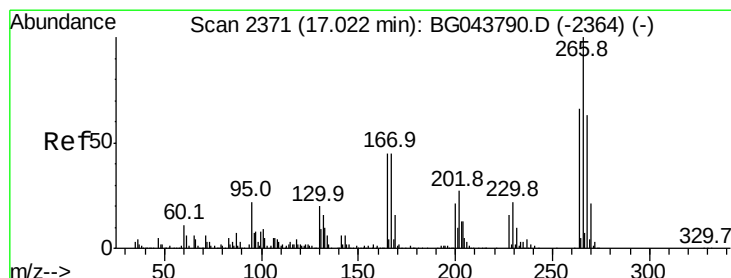
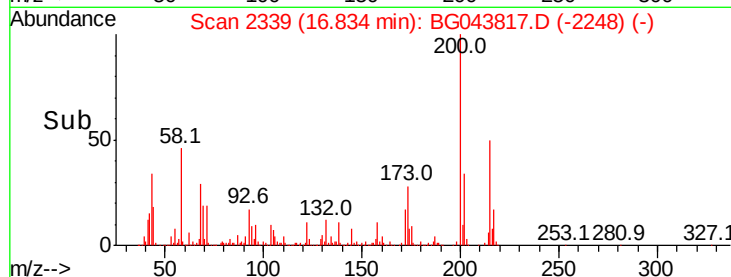
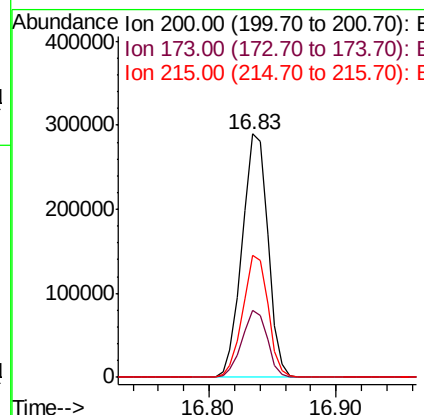
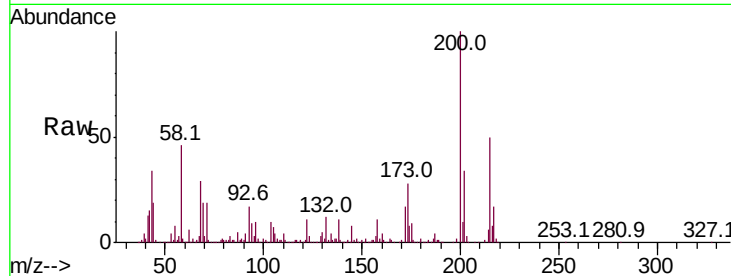
#69
Atrazine
Concen: 51.196 ng
RT: 16.83 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	407728		
173	27.7		7.4	47.4
215	50.0		30.5	70.5

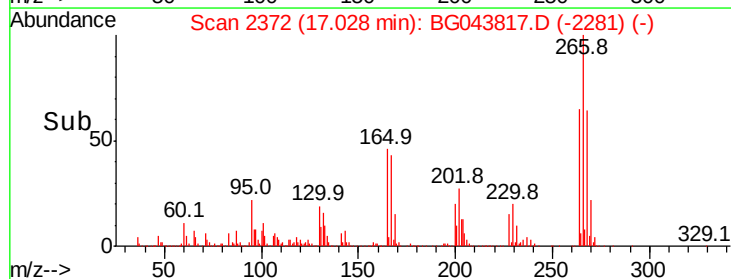
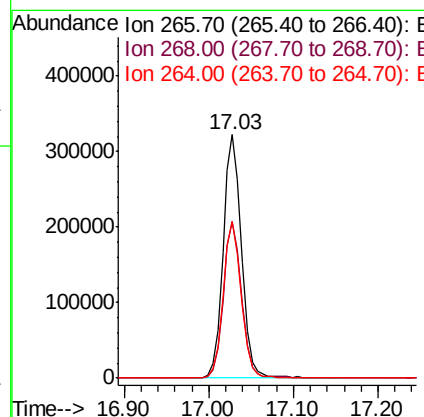
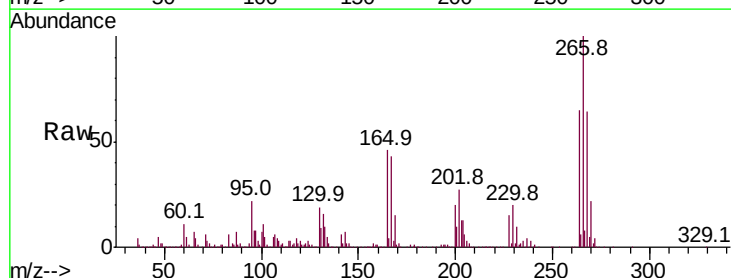
Manual Integrations
APPROVED

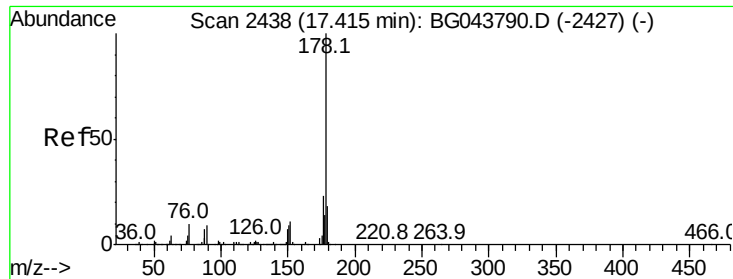
mohammad
12/18/2019 2:40:37 PM



#70
Pentachlorophenol
Concen: 90.257 ng
RT: 17.03 min Scan# 2372
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	489329		
268	64.3		50.8	76.2
264	64.5		53.0	79.4





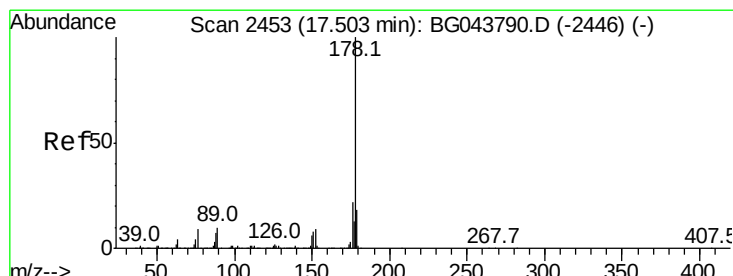
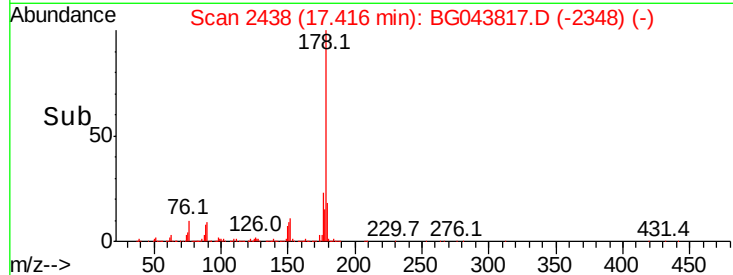
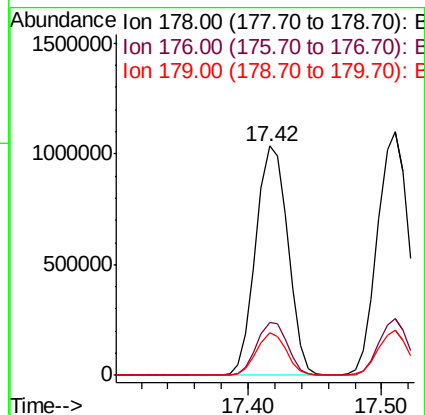
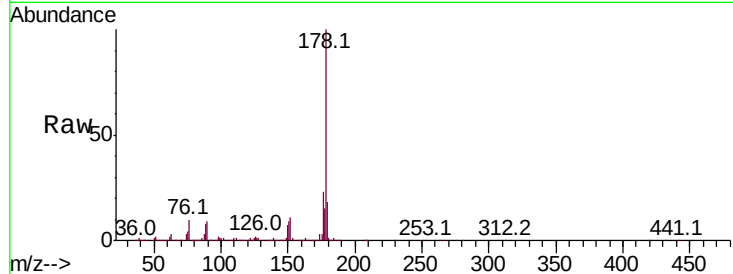
#71
Phenanthrene
Concen: 40.544 ng
RT: 17.42 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion:178 Resp: 1725189
Ion Ratio Lower Upper
178 100
176 23.2 18.6 27.8
179 18.3 14.7 22.1

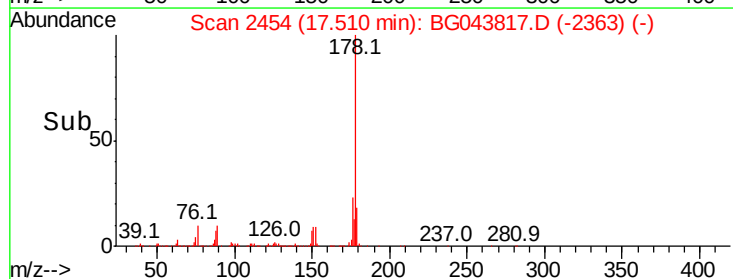
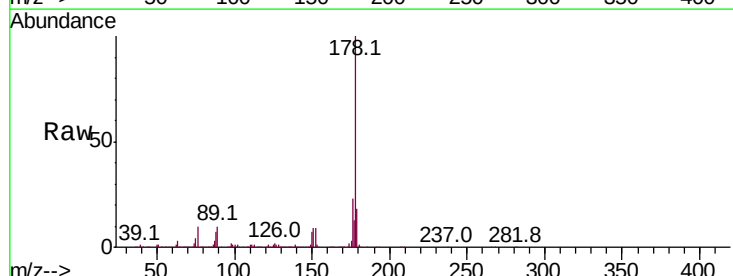
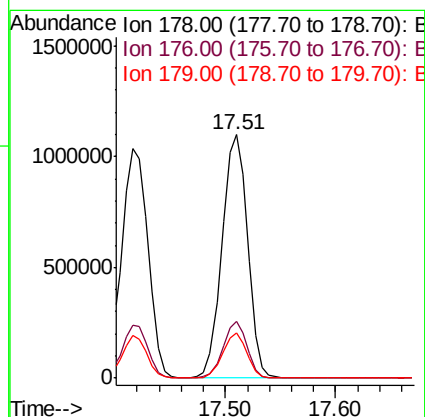
Manual Integrations
APPROVED

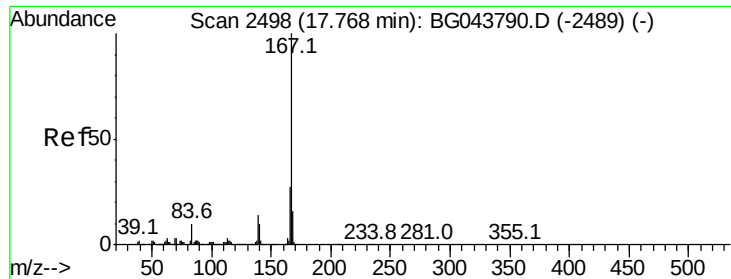
mohammad
12/18/2019 2:40:37 PM



#72
Anthracene
Concen: 42.027 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion:178 Resp: 1770199
Ion Ratio Lower Upper
178 100
176 23.3 17.7 26.5
179 18.5 14.5 21.7





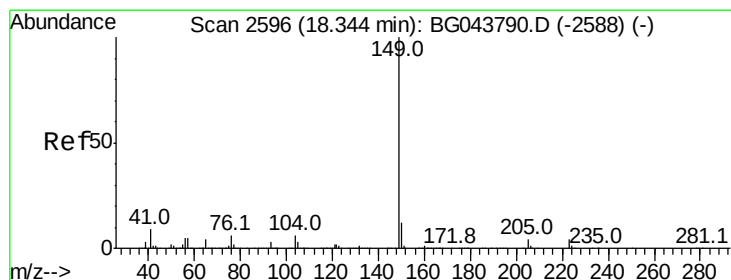
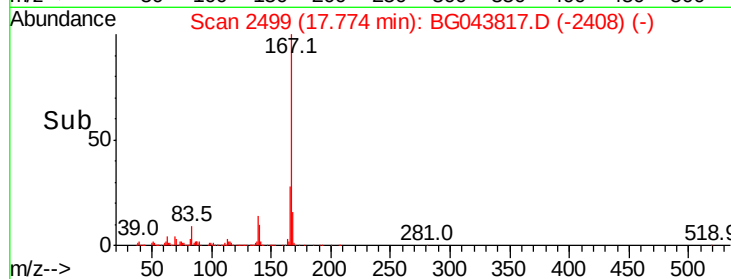
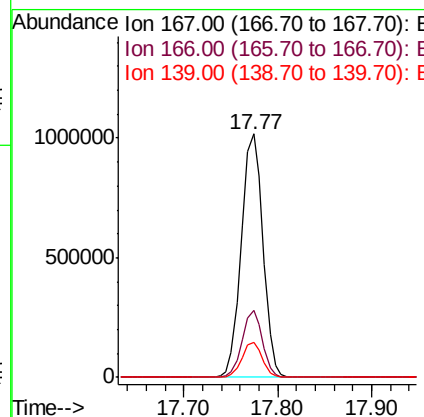
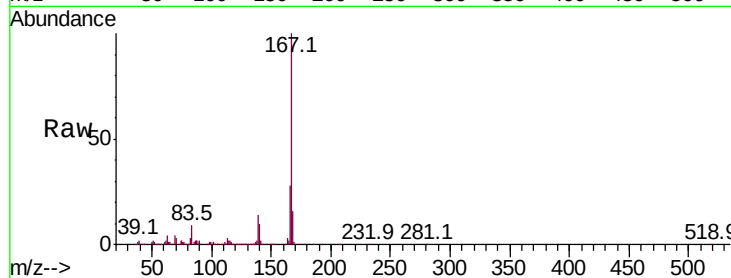
#73
 Carbazole
 Concen: 41.287 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.01 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Instrument :
 BNA_G
 ClientSampleId :
 PB125466BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	27.8	21.4	32.2
139	14.1	11.0	16.4

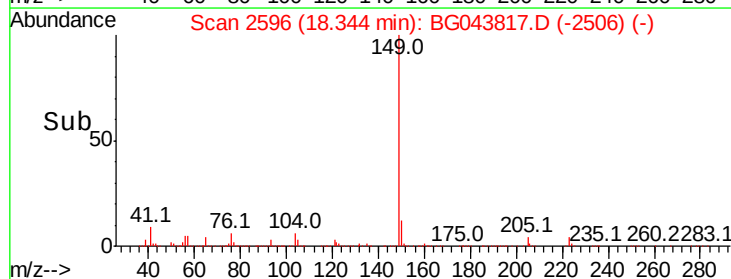
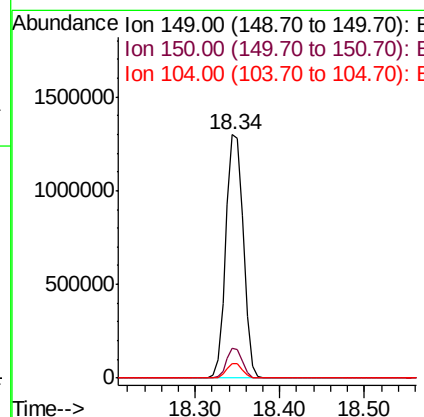
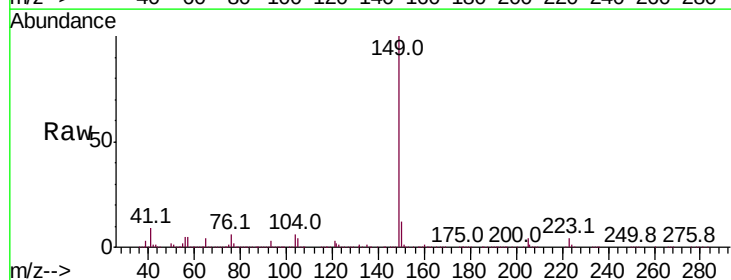
Manual Integrations
 APPROVED

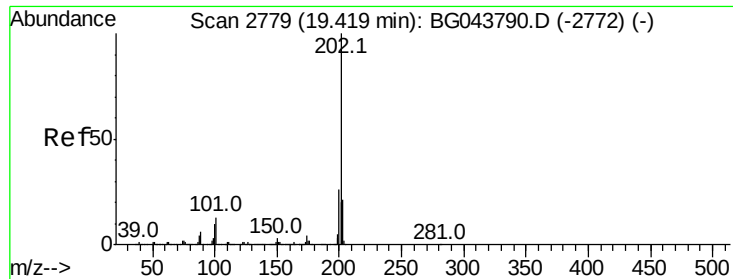
mohammad
 12/18/2019 2:40:37 PM



#74
 Di-n-butylphthalate
 Concen: 41.511 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. 0.00 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.0	9.4	14.0
104	6.1	4.8	7.2





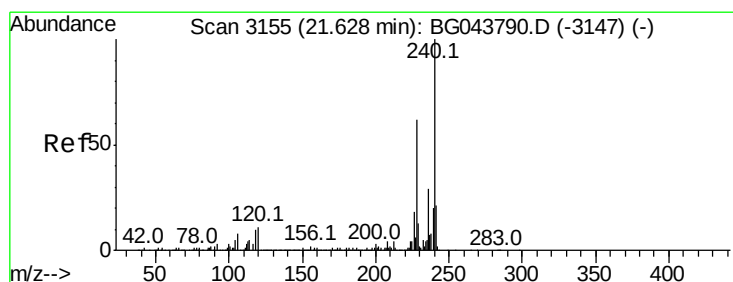
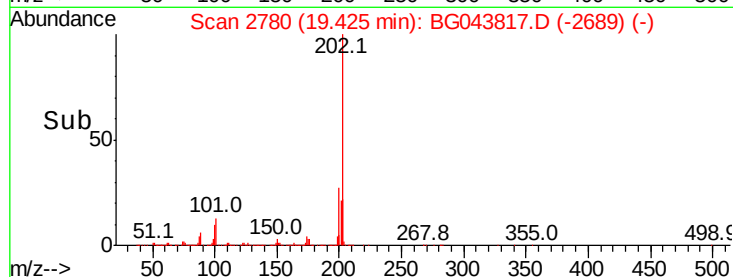
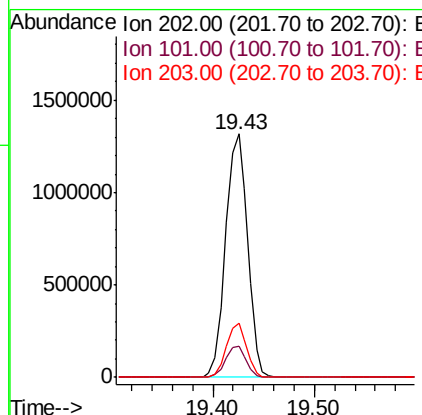
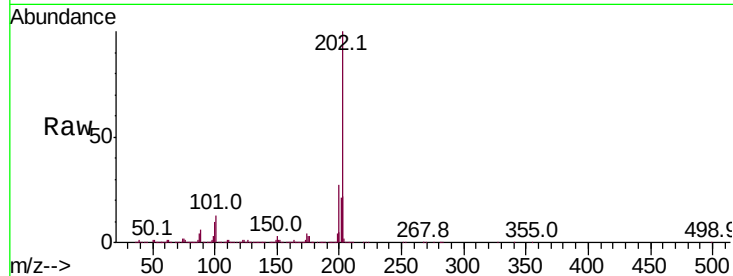
#75
Fluoranthene
Concen: 40.587 ng
RT: 19.43 min Scan# 2780
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.7
203	22.1	1.0	41.0

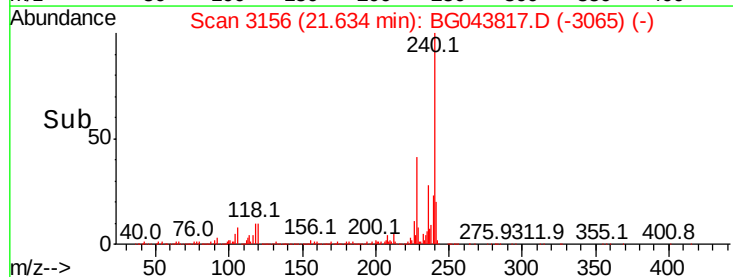
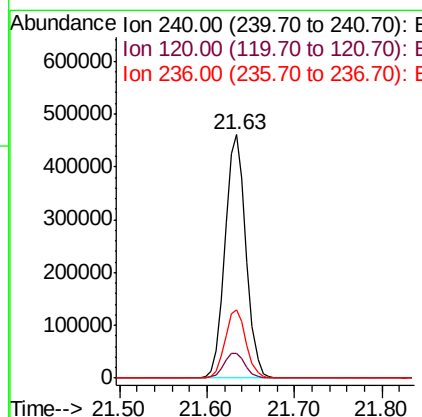
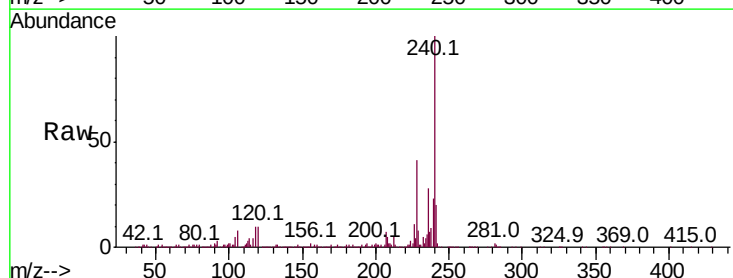
Manual Integrations
APPROVED

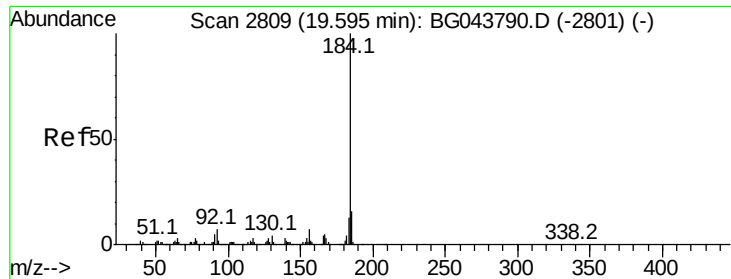
mohammad
12/18/2019 2:40:37 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.6	12.8
236	28.1	23.1	34.7





#77

Benzidine

Concen: 52.984 ng

RT: 19.60 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

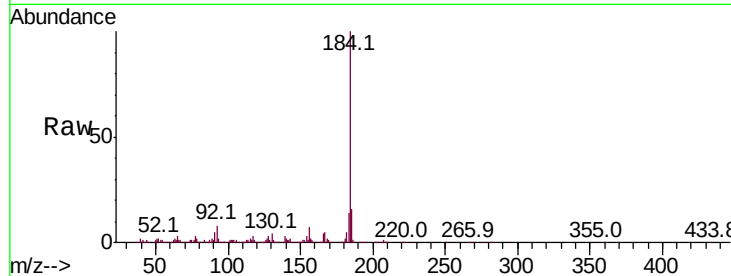
ClientSampleId :

PB125466BSD

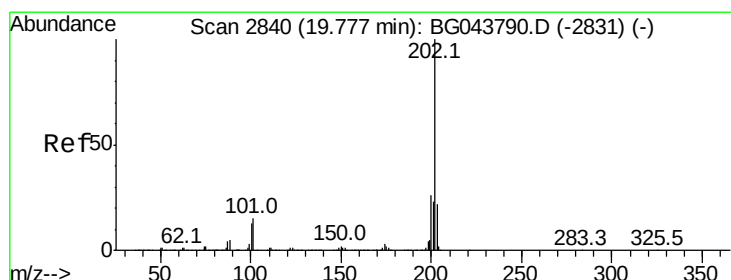
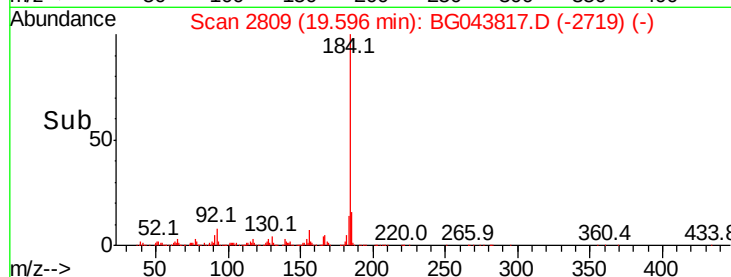
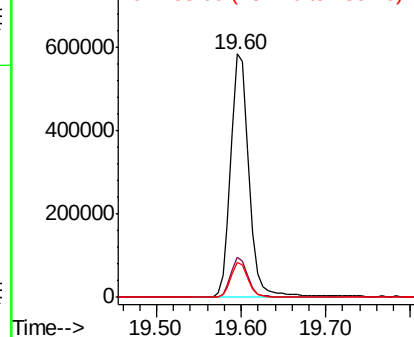
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	16.4	12.9	19.3	
183	14.4	10.3	15.5	

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12/18/2019 2:40:37 PM



Abundance Ion 184.00 (183.70 to 184.70): E
800000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.304 ng

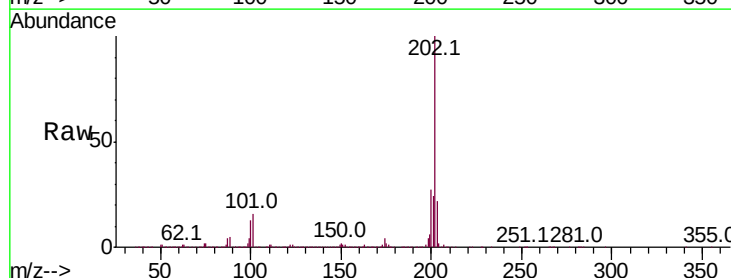
RT: 19.78 min Scan# 2841

Delta R.T. 0.01 min

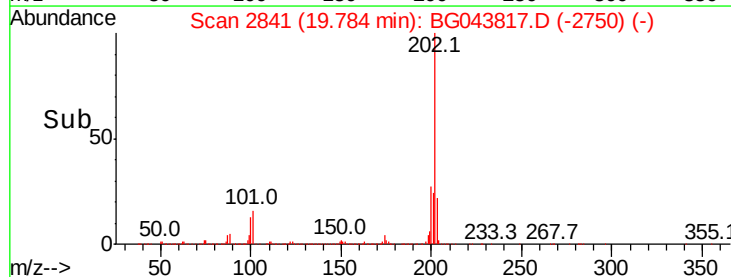
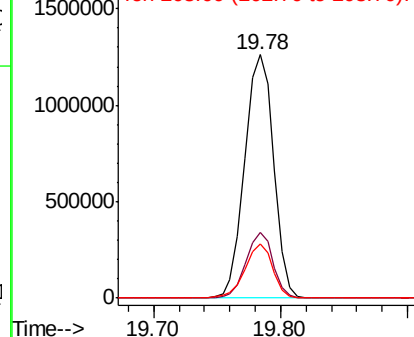
Lab File: BG043817.D

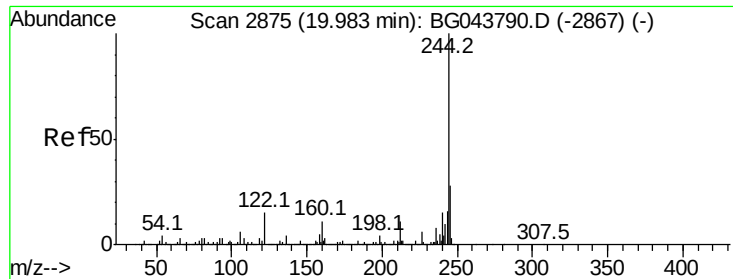
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	27.0	20.8	31.2	
203	22.3	17.7	26.5	



Abundance Ion 202.00 (201.70 to 202.70): E
1500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





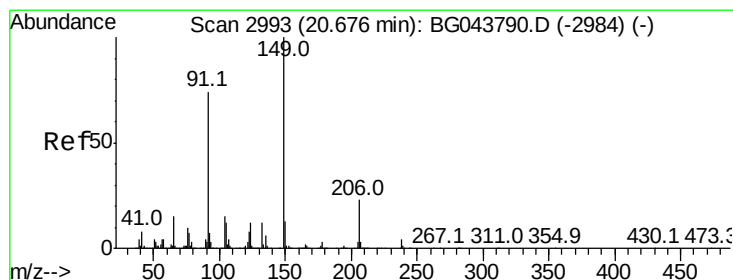
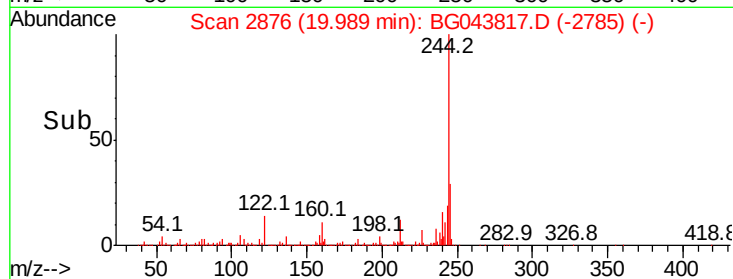
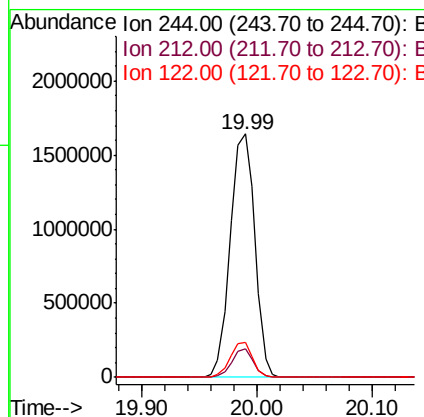
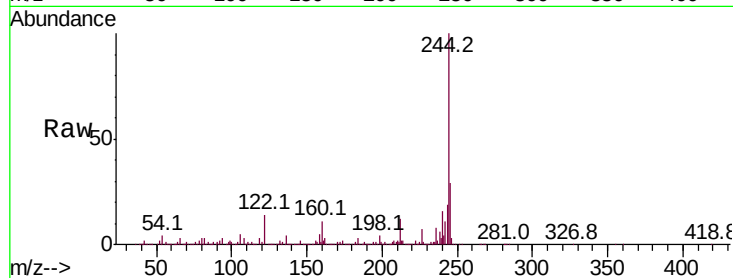
#79
Terphenyl-d14
Concen: 76.944 ng
RT: 19.99 min Scan# 2876
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	11.9	9.1	13.7
122	14.2	11.6	17.4

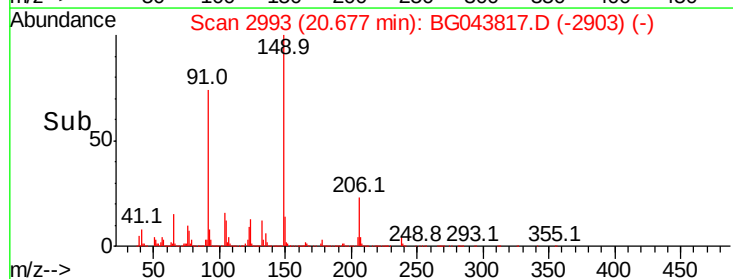
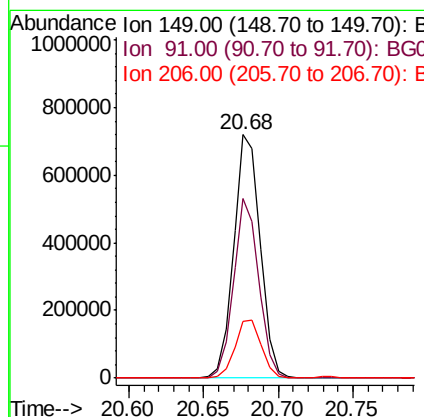
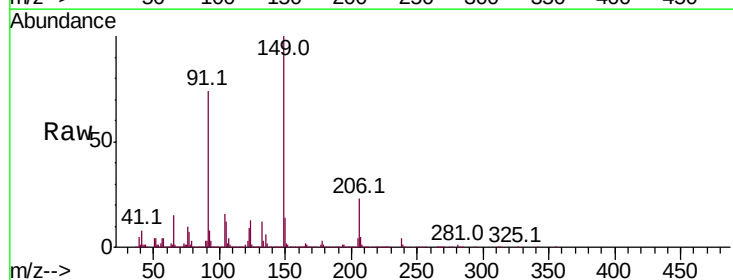
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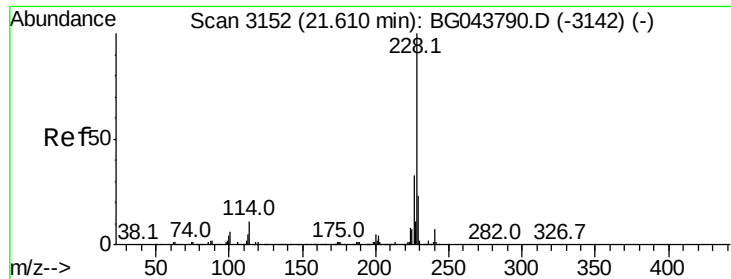
mohammad
12/18/2019 2:40:37 PM



#80
Butylbenzylphthalate
Concen: 43.355 ng
RT: 20.68 min Scan# 2993
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.6	59.0	88.4
206	23.2	18.6	28.0





#81

Benzo(a)anthracene

Concen: 40.244 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

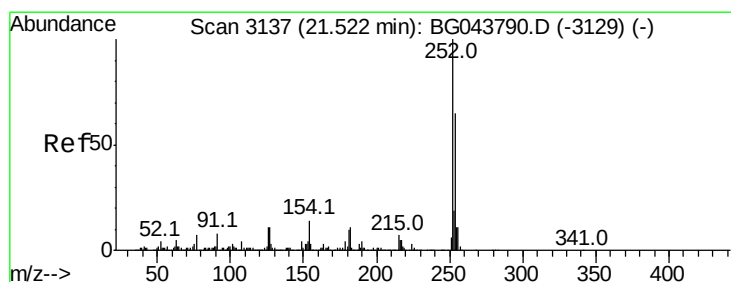
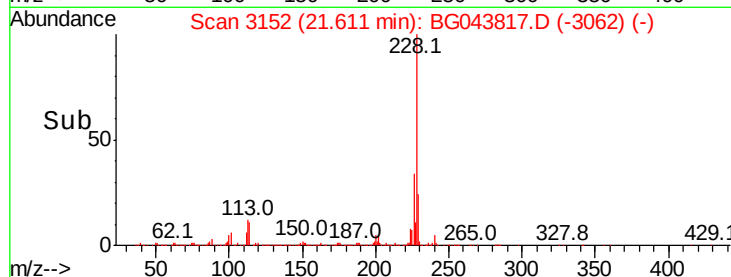
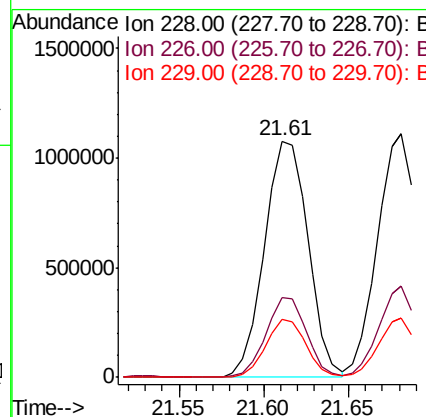
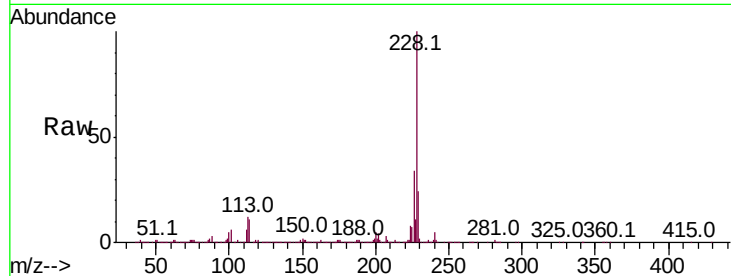
ClientSampleId :

PB125466BSD

Tot Ion:	228	Resp:	1923600
Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.1	39.1
229	24.4	18.6	27.8

Manual Integrations
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12/18/2019 2:40:37 PM



#82

3,3'-Dichlorobenzidine

Concen: 32.224 ng

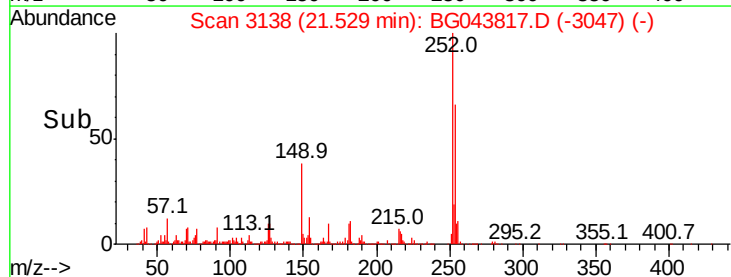
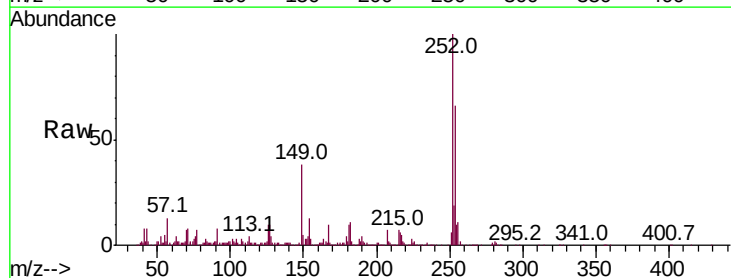
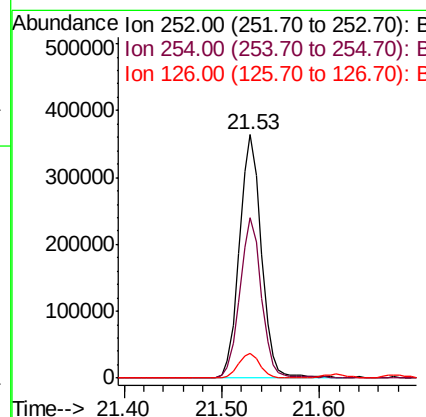
RT: 21.53 min Scan# 3138

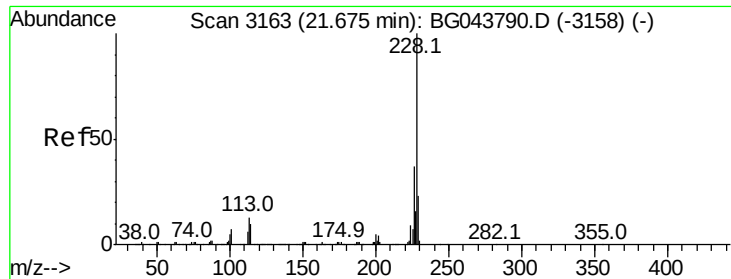
Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Tgt Ion:	252	Resp:	568989
Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.2	78.2
126	10.1	8.7	13.1





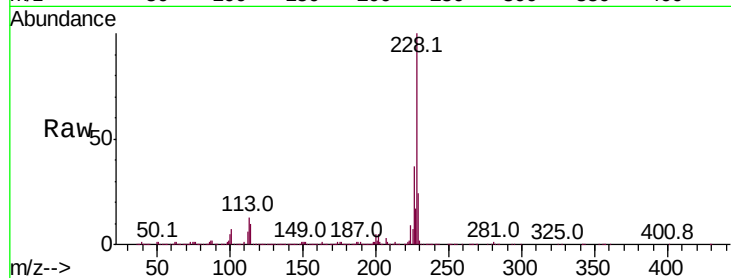
#83
Chrysene
Concen: 40.642 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.3	29.1	43.7
229	24.1	18.6	28.0

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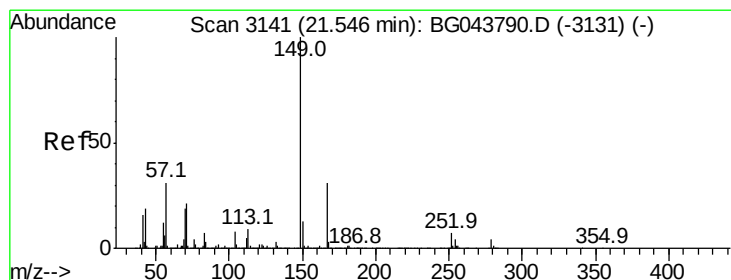
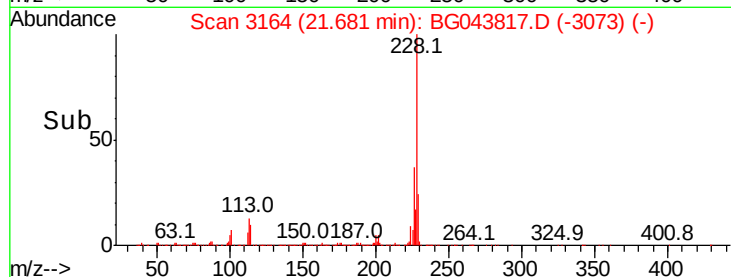
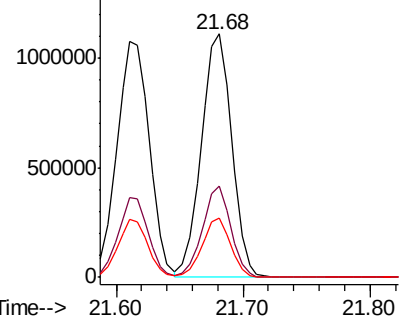


Abundance

Ion 228.00 (227.70 to 228.70): E

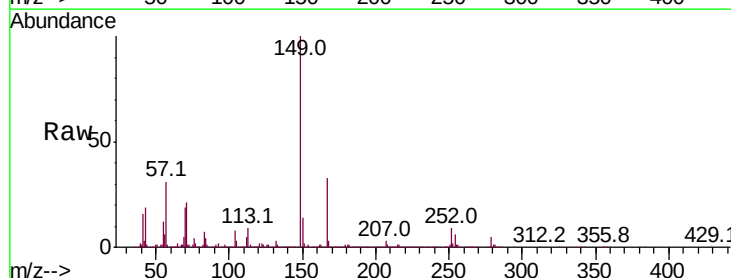
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.604 ng
RT: 21.55 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.9	25.1	37.7
279	4.7	3.5	5.3

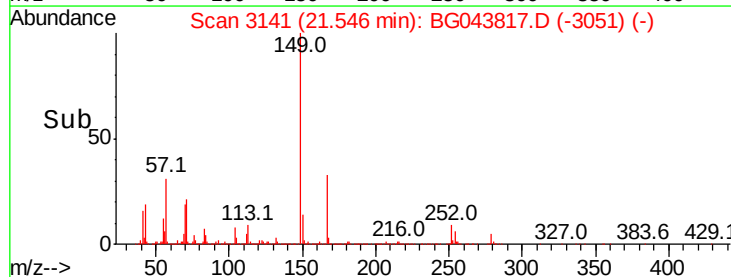
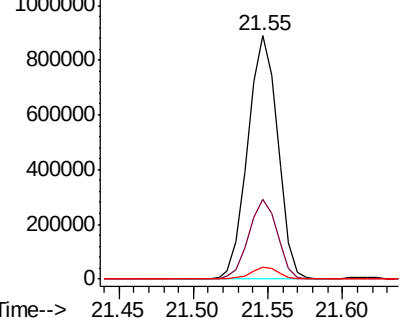


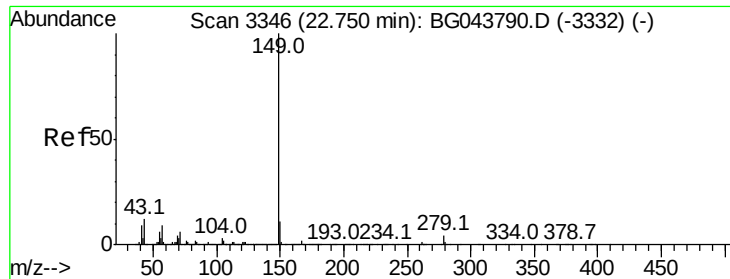
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





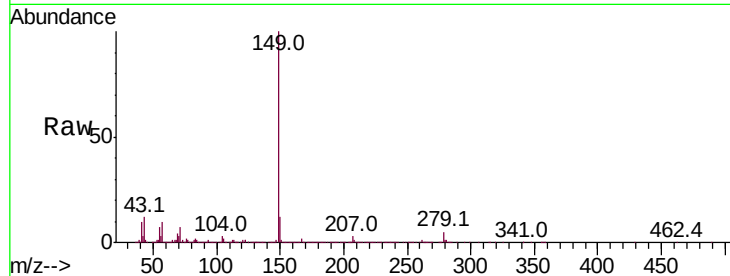
#85
Di-n-octyl phthalate
Concen: 44.213 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

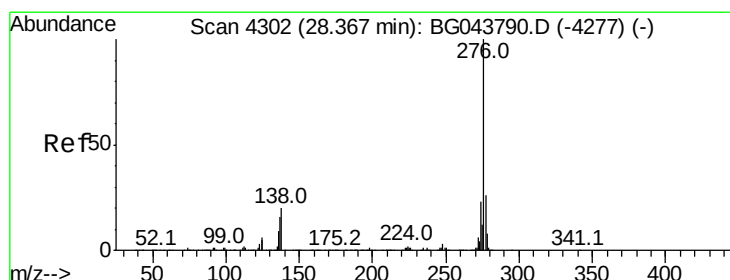
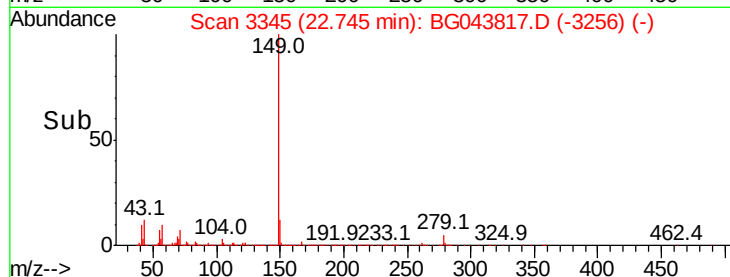
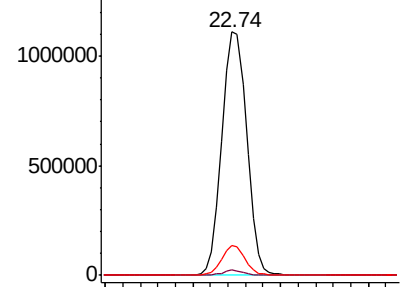
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	11.1	8.8	13.2

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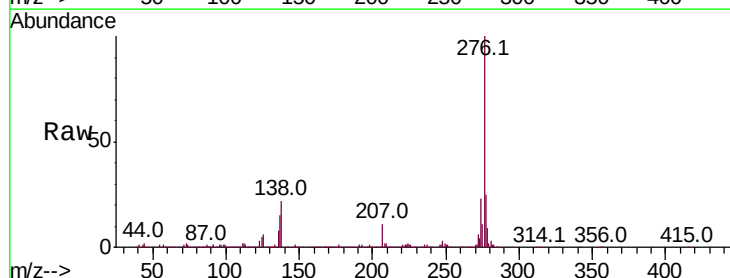


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

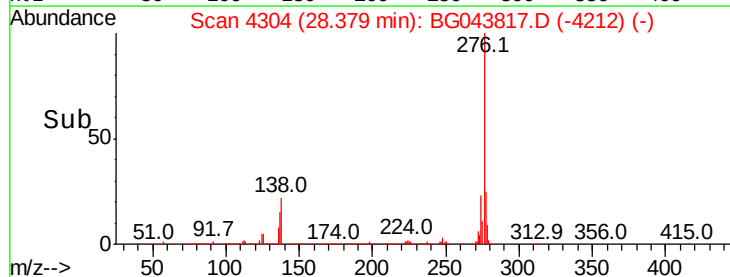
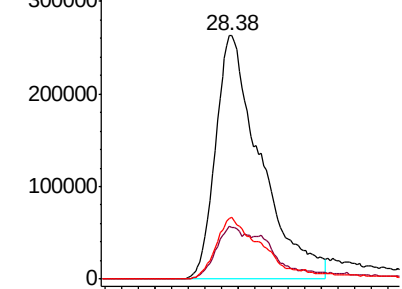


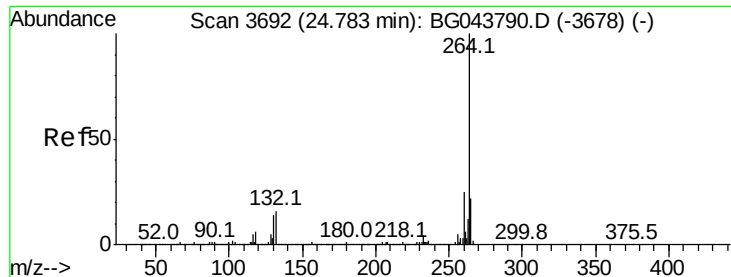
#86
Indeno(1,2,3-cd)pyrene
Concen: 33.979 ng
RT: 28.38 min Scan# 4304
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	14.6	21.8
277	24.9	21.2	31.8



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





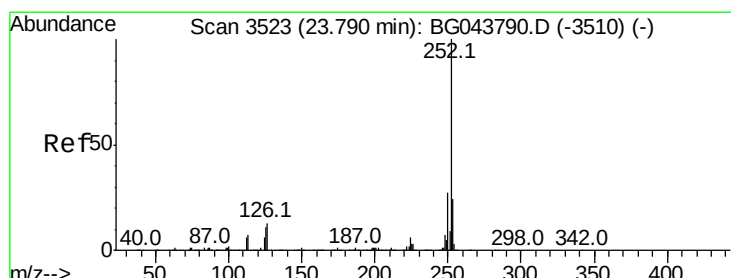
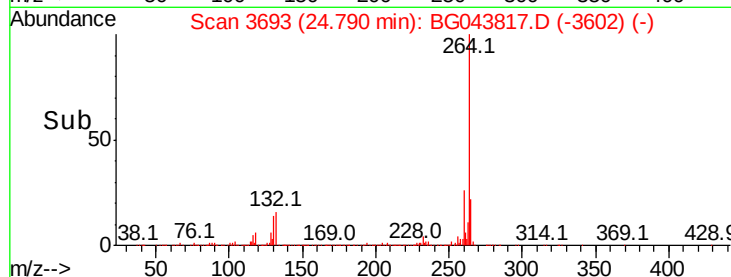
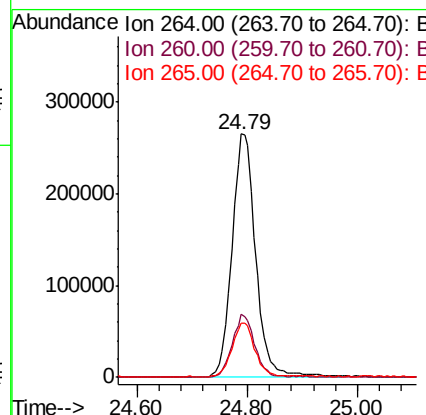
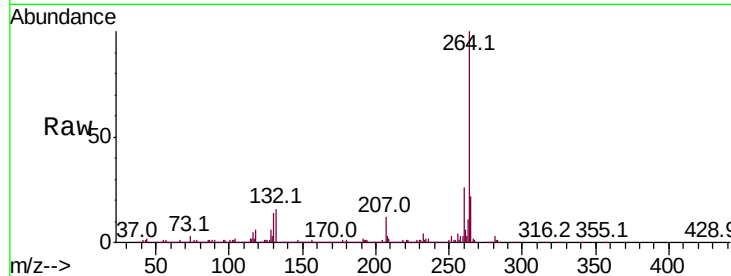
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.8	29.8
265	22.2	17.9	26.9

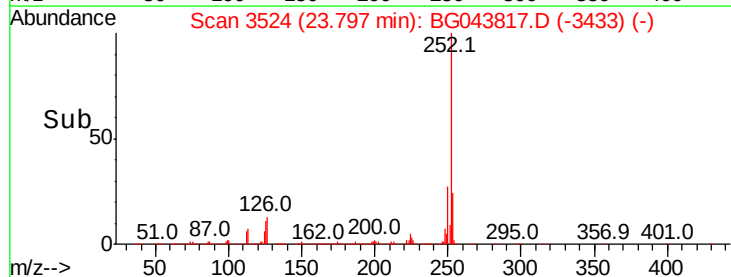
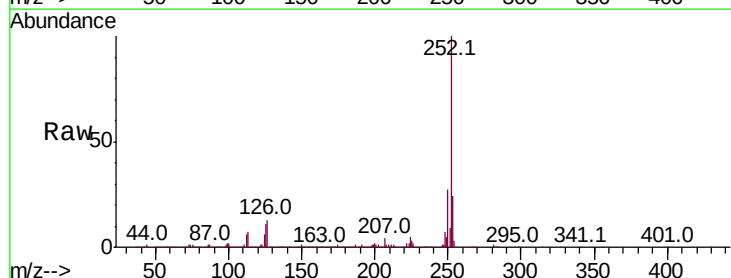
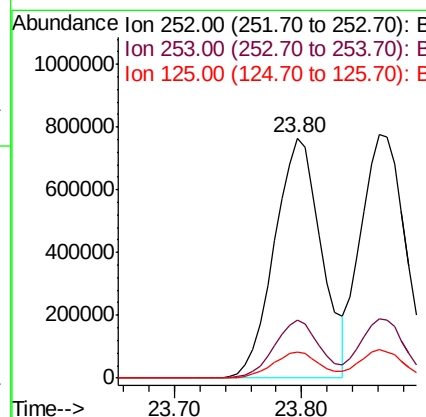
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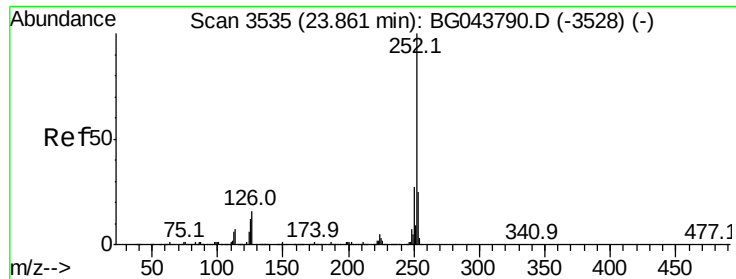
mohammad
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#88
Benzo(b)fluoranthene
Concen: 43.010 ng
RT: 23.80 min Scan# 3524
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.5	29.3
125	11.0	9.0	13.4





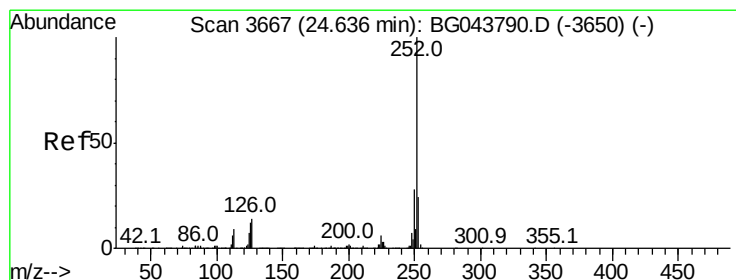
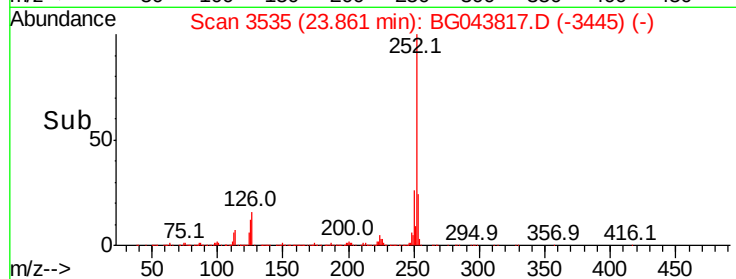
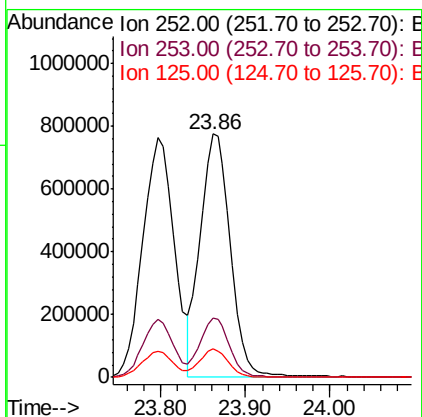
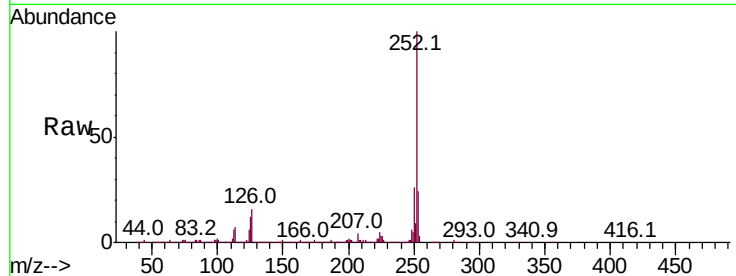
#89
Benzo(k)fluoranthene
Concen: 43.209 ng
RT: 23.86 min Scan# 3535
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :
PB125466BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.4	29.0
125	11.6	8.9	13.3

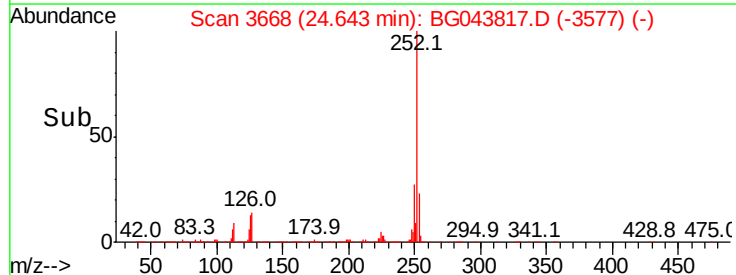
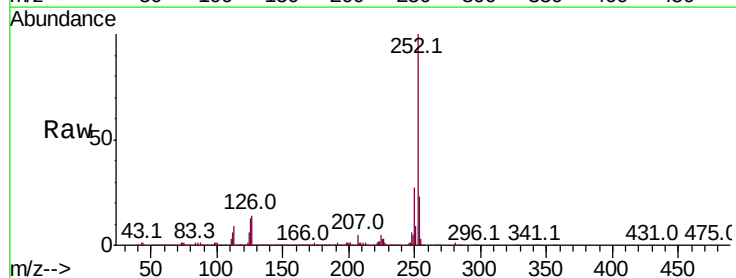
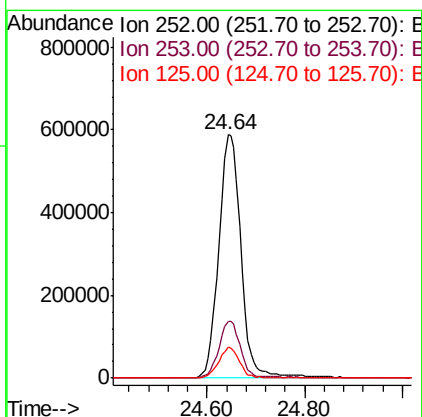
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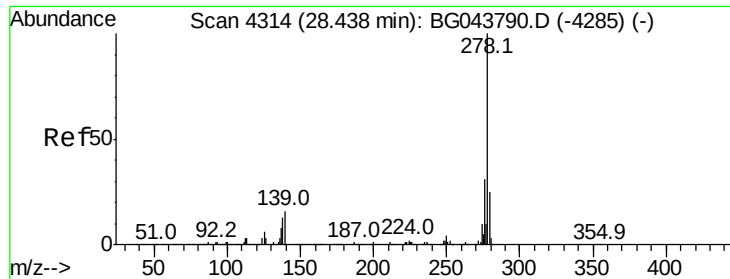
mohammad
12/18/2019 2:40:37 PM



#90
Benzo(a)pyrene
Concen: 42.495 ng
RT: 24.64 min Scan# 3668
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.1	28.7
125	12.8	9.4	14.0





#91

Dibenzo(a,h)anthracene

Concen: 38.579 ng

RT: 28.46 min Scan# 4317

Delta R.T. 0.02 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

PB125466BSD

Tot Ion:278 Resp: 1681927

Ion Ratio Lower Upper

278 100

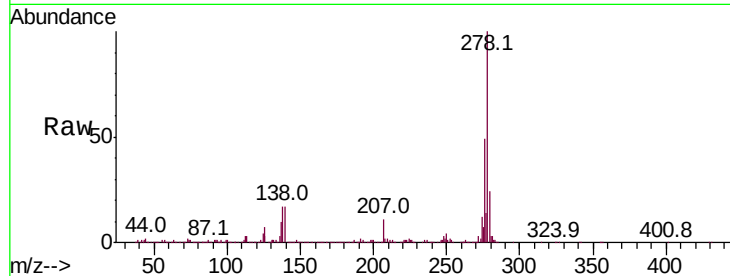
139 17.1 13.2 19.8

279 24.0 19.8 29.6

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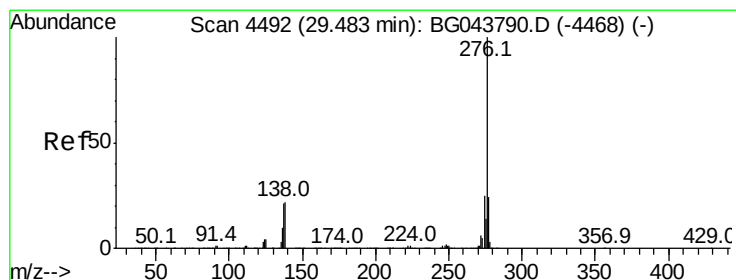
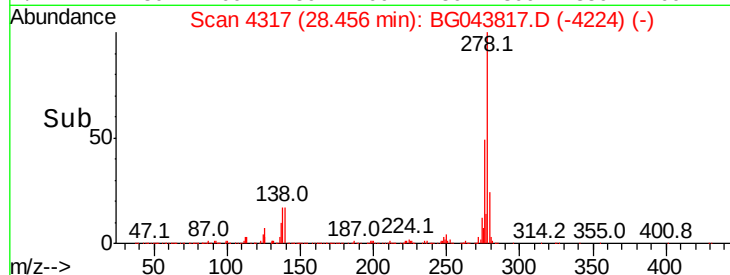
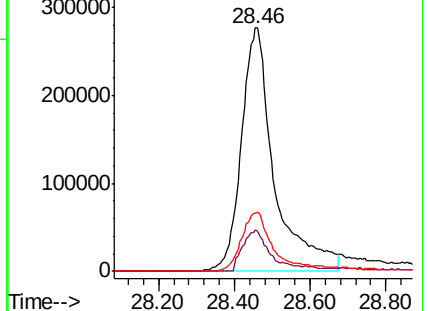
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Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.616 ng

RT: 29.50 min Scan# 4495

Delta R.T. 0.02 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

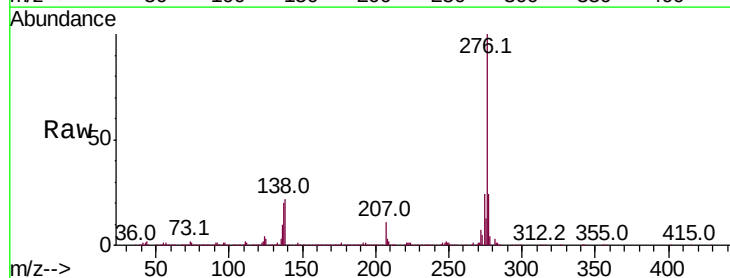
Tgt Ion:276 Resp: 1618338

Ion Ratio Lower Upper

276 100

277 24.4 19.3 28.9

138 22.1 17.6 26.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

