

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
 Data File : BG043338.D
 Acq On : 25 Oct 2019 14:11
 Operator : JU
 Sample : PB124305BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124305BS

Manual Integrations
 APPROVED

mohammad
 10/26/2019 10:00:53 AM

Quant Time: Oct 25 16:18:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35673	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	152920	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	116533	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	289453	20.00	ng	0.00
76) Chrysene-d12	21.67	240	331694	20.00	ng	0.00
87) Perylene-d12	24.88	264	304127	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	281049	144.37	ng	0.01
7) Phenol-d6	7.22	99	376892	134.56	ng	0.02
23) Nitrobenzene-d5	9.19	82	191404	64.53	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	263874	118.99	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	532599	63.15	ng	0.00
79) Terphenyl-d14	20.01	244	1101249	62.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	29225	38.523	ng	# 91
3) Pyridine	3.89	79	69661	36.402	ng	98
4) n-Nitrosodimethylamine	3.80	42	42419	43.928	ng	# 94
6) Aniline	7.35	93	105299	32.635	ng	99
8) 2-Chlorophenol	7.60	128	112692	52.440	ng	97
9) Benzaldehyde	7.16	77	34804	25.285	ng	87
10) Phenol	7.24	94	134346	52.490	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	96587	48.810	ng	97
12) 1,3-Dichlorobenzene	7.91	146	113546	42.171	ng	100
13) 1,4-Dichlorobenzene	8.06	146	117647	43.187	ng	100
14) 1,2-Dichlorobenzene	8.38	146	114230	42.946	ng	95
15) Benzyl Alcohol	8.27	79	100516	51.099	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	128147	44.536	ng	98
17) 2-Methylphenol	8.49	107	97427	52.216	ng	97
18) Hexachloroethane	9.11	117	41433	42.156	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	83255	46.000	ng	99
20) 3+4-Methylphenols	8.82	107	130260	50.912	ng	85
22) Acetophenone	8.85	105	162312	41.447	ng	99
24) Nitrobenzene	9.23	77	125637	44.464	ng	95
25) Isophorone	9.75	82	235342	43.397	ng	99
26) 2-Nitrophenol	9.95	139	65243	47.827	ng	93
27) 2,4-Dimethylphenol	10.02	122	106963	54.707	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	127426	42.574	ng	94
29) 2,4-Dichlorophenol	10.50	162	122495	48.897	ng	91
30) 1,2,4-Trichlorobenzene	10.69	180	134391	42.564	ng	97
31) Naphthalene	10.89	128	342501	44.125	ng	97
32) Benzoic acid	10.18	122	64880	44.315	ng	94
33) 4-Chloroaniline	11.00	127	69147	21.732	ng	99
34) Hexachlorobutadiene	11.17	225	91249	39.095	ng	92
35) Caprolactam	11.77	113	38729m	44.888	ng	
36) 4-Chloro-3-methylphenol	12.14	107	131915	48.274	ng	98
37) 2-Methylnaphthalene	12.48	142	265920	44.649	ng	99
38) 1-Methylnaphthalene	12.70	142	252931	44.634	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	172371	39.968	ng	98

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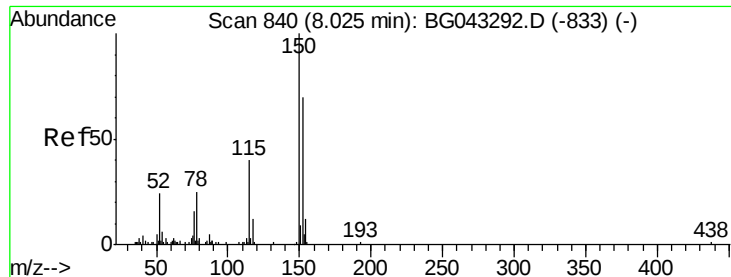
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	145090	64.043	nq	95
43) 2,4,6-Trichlorophenol	13.10	196	114045	44.903	nq	99
44) 2,4,5-Trichlorophenol	13.19	196	126313	49.193	nq	97
46) 1,1'-Biphenyl	13.49	154	366226	41.311	nq	99
47) 2-Chloronaphthalene	13.54	162	281504	41.734	nq	100
48) 2-Nitroaniline	13.74	65	85491	42.406	nq	95
49) Acenaphthylene	14.38	152	461523	43.963	nq	98
50) Dimethylphthalate	14.11	163	376143	41.672	nq	99
51) 2,6-Dinitrotoluene	14.23	165	87975	44.864	nq	95
52) Acenaphthene	14.72	154	270168	42.200	nq	98
53) 3-Nitroaniline	14.57	138	58167	30.723	nq	96
54) 2,4-Dinitrophenol	14.77	184	76912	64.375	nq	96
55) Dibenzofuran	15.05	168	451952	43.532	nq	99
56) 4-Nitrophenol	14.90	139	136008	107.200	nq	96
57) 2,4-Dinitrotoluene	15.02	165	123006	43.893	nq	# 97
58) Fluorene	15.70	166	377306	43.331	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.29	232	128265	47.017	nq	# 96
60) Diethylphthalate	15.47	149	382810	42.209	nq	97
61) 4-Chlorophenyl-phenylether	15.69	204	218998	43.112	nq	95
62) 4-Nitroaniline	15.73	138	79187	40.500	nq	96
63) Azobenzene	15.99	77	323884	44.125	nq	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	62735	36.828	nq	100
66) n-Nitrosodiphenylamine	15.91	169	345259	42.249	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	155804	39.997	nq	98
68) Hexachlorobenzene	16.71	284	175621	39.276	nq	98
69) Atrazine	16.86	200	145095	51.097	nq	97
70) Pentachlorophenol	17.06	266	205100	100.665	nq	96
71) Phenanthrene	17.44	178	628818	42.424	nq	99
72) Anthracene	17.54	178	645584	43.533	nq	99
73) Carbazole	17.81	167	594645	44.279	nq	100
74) Di-n-butylphthalate	18.36	149	691989	42.467	nq	99
75) Fluoranthene	19.45	202	850971	44.038	nq	100
77) Benzidine	19.64	184	174958	26.209	nq	99
78) Pyrene	19.81	202	856890	41.735	nq	100
80) Butylbenzylphthalate	20.70	149	318396	40.933	nq	96
81) Benzo(a)anthracene	21.65	228	878932	42.303	nq	100
82) 3,3'-Dichlorobenzidine	21.56	252	304708	37.917	nq	97
83) Chrysene	21.71	228	854350	41.386	nq	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	462188	41.829	nq	98
85) Di-n-octyl phthalate	22.75	149	796695	42.499	nq	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	1103764	42.595	nq	# 98
88) Benzo(b)fluoranthene	23.85	252	930132	54.000	nq	98
89) Benzo(k)fluoranthene	23.92	252	929898	53.626	nq	98
90) Benzo(a)pyrene	24.72	252	849403	51.640	nq	100
91) Dibenzo(a,h)anthracene	28.58	278	934597	55.550	nq	99
92) Benzo(g,h,i)perylene	29.67	276	936497	56.431	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

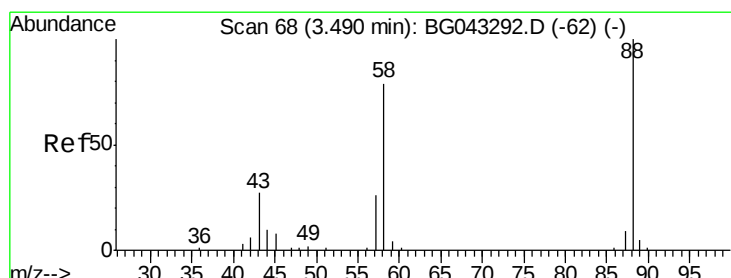
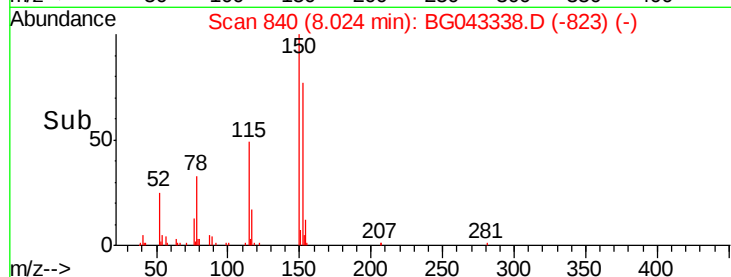
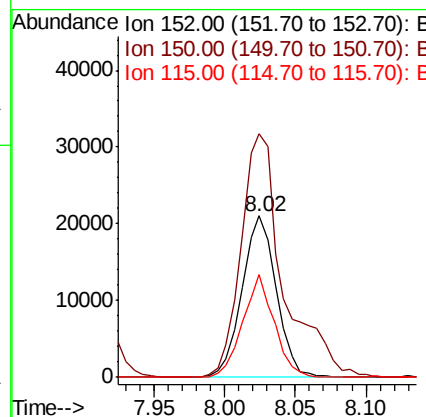
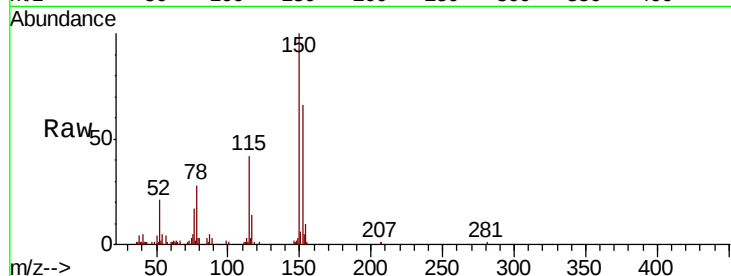
ClientSampleId :

PB124305BS

Tot Ion:	152	Resp:	35673
Ion	Ratio	Lower	Upper
152	100		
150	150.7	113.6	170.4
115	63.5	45.9	68.9

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#2

1,4-Dioxane

Concen: 38.523 ng

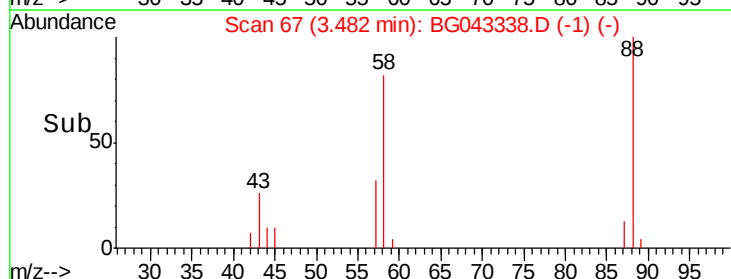
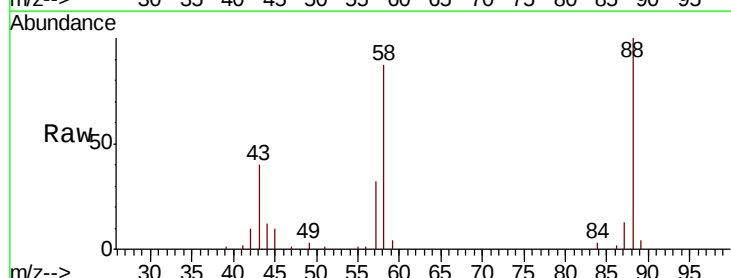
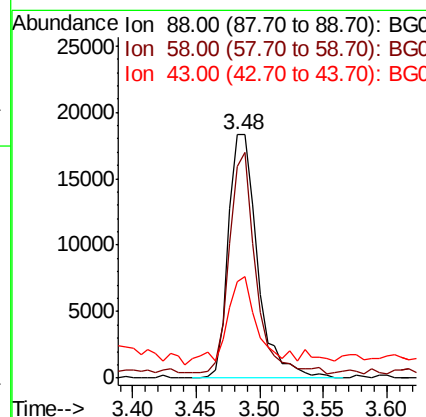
RT: 3.48 min Scan# 67

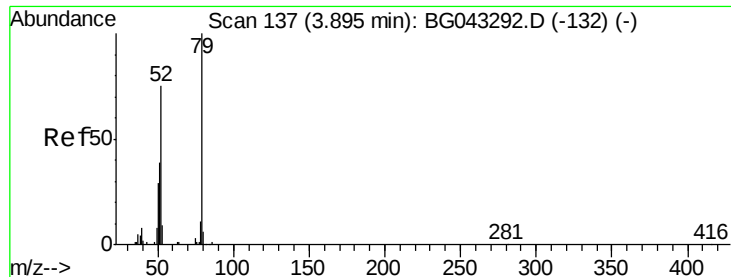
Delta R.T. -0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Tgt Ion:	88	Resp:	29225
Ion	Ratio	Lower	Upper
88	100		
58	80.7	60.2	90.2
43	36.9	22.7	34.1#





#3

Pvridine

Concen: 36.402 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

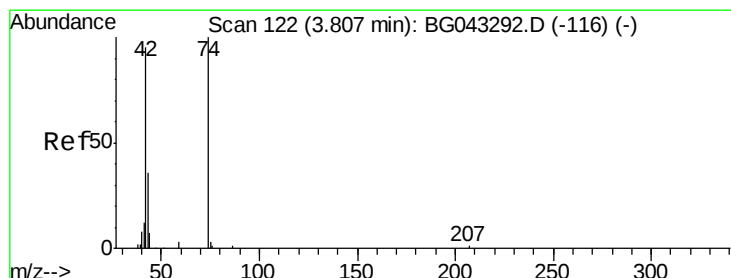
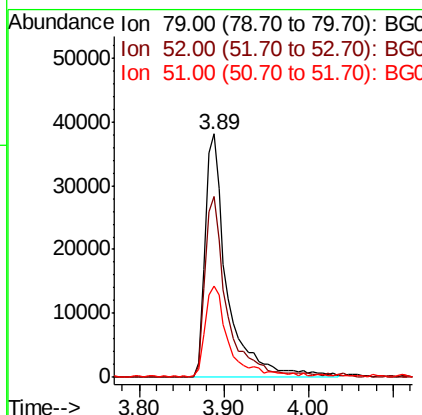
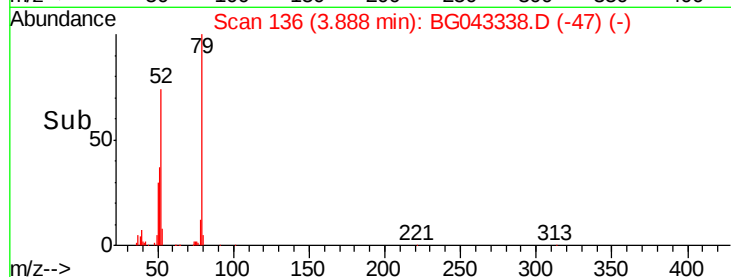
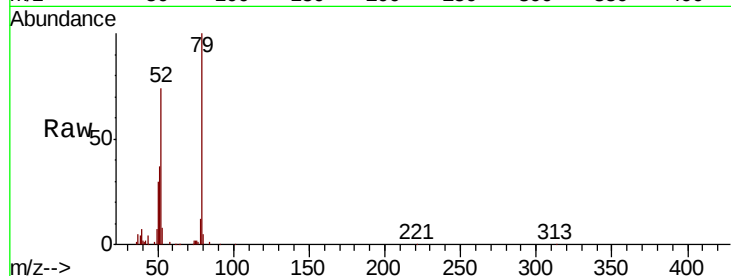
ClientSampleId :

PB124305BS

Tot Ion:	79	Resp:	69661
Ion Ratio	Lower	Upper	
79	100		
52	74.0	59.7	89.5
51	37.3	31.8	47.6

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#4

n-Nitrosodimethylamine

Concen: 43.928 ng

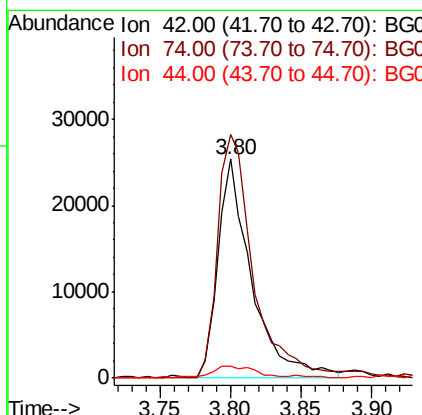
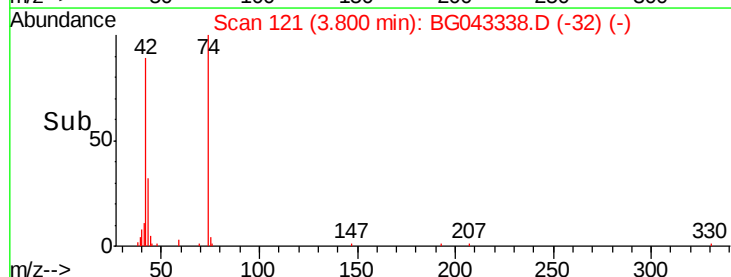
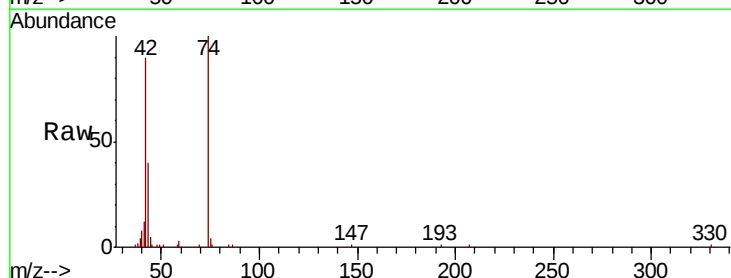
RT: 3.80 min Scan# 121

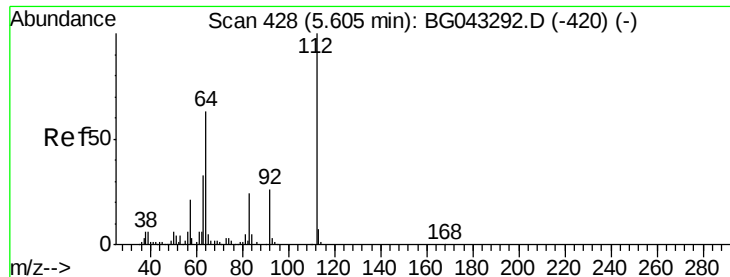
Delta R.T. -0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Tgt Ion:	42	Resp:	42419
Ion Ratio	Lower	Upper	
42	100		
74	111.1	84.2	126.2
44	5.5	6.0	9.0#





#5

2-Fluorophenol

Concen: 144.369 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

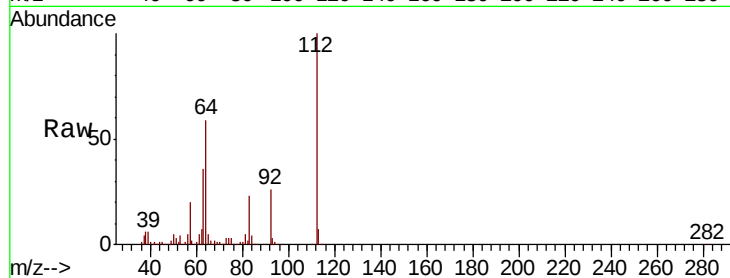
ClientSampleId :

PB124305BS

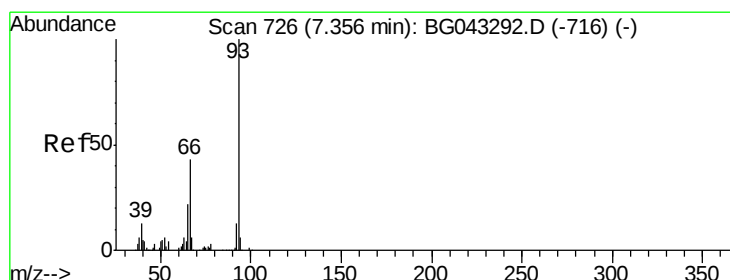
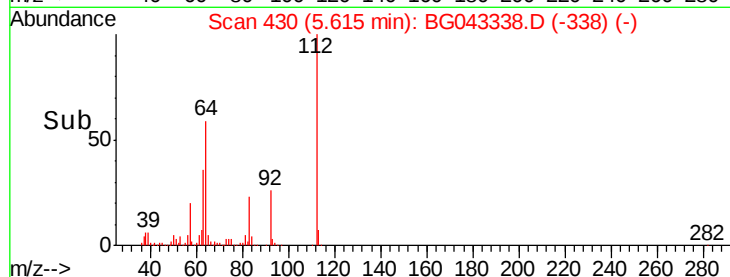
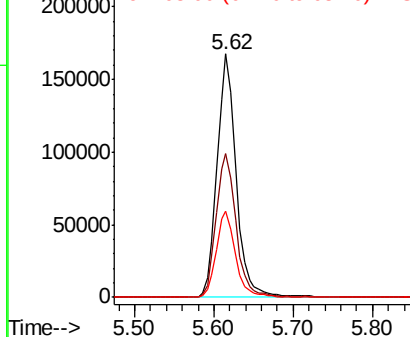
Tot Ion:	112	Resp:	281049
Ion Ratio	Lower	Upper	
112	100		
64	59.2	50.2	75.2
63	35.6	26.7	40.1

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



#6

Aniline

Concen: 32.635 ng

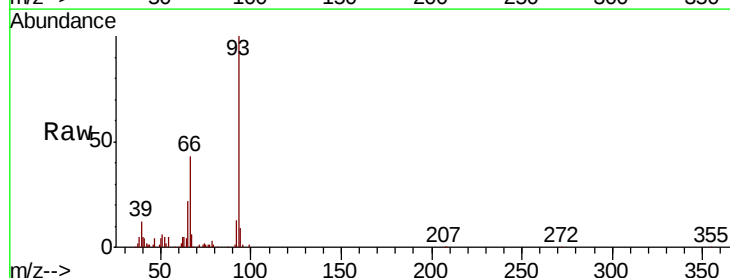
RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

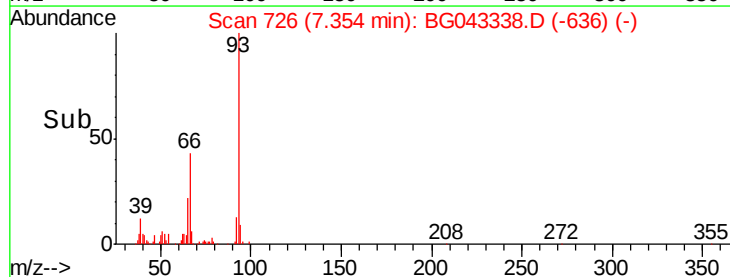
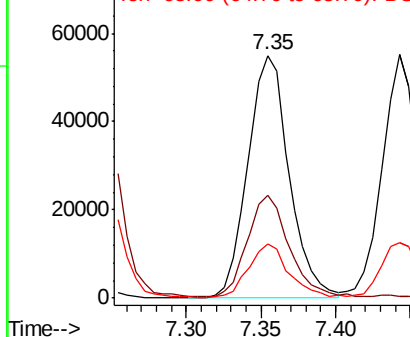
Lab File: BG043338.D

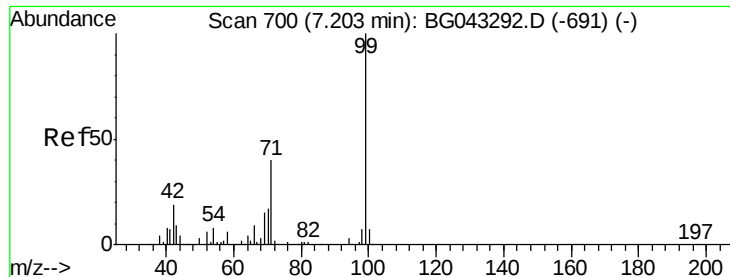
Acq: 25 Oct 2019 14:11

Tgt Ion:	93	Resp:	105299
Ion Ratio	Lower	Upper	
93	100		
66	42.6	34.5	51.7
65	22.2	18.0	27.0



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





#7

Phenol-d6

Concen: 134.561 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

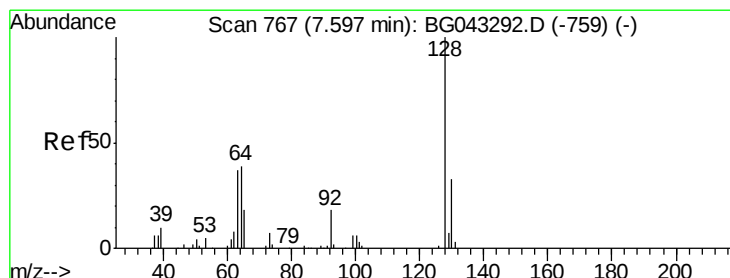
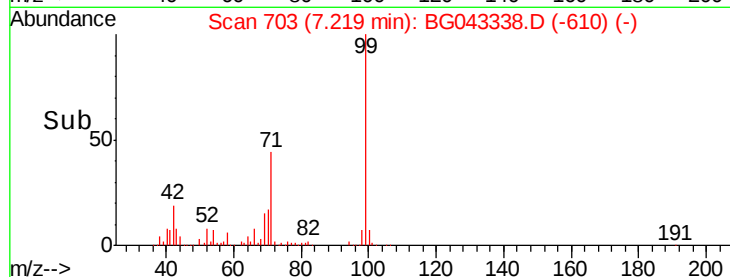
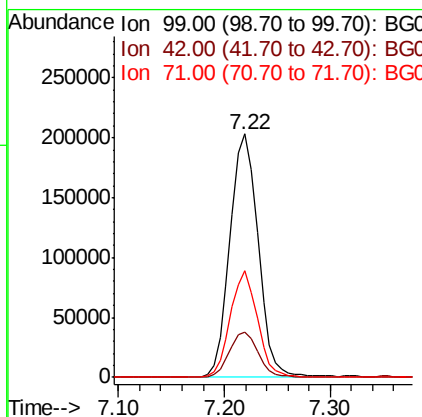
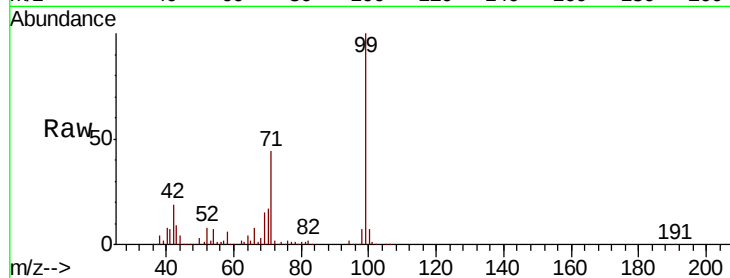
ClientSampleId :

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Tot Ion:	99	Resp:	376892
Ion Ratio	Lower	Upper	
99	100		
42	18.8	14.9	22.3
71	43.7	32.2	48.2

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#8

2-Chlorophenol

Concen: 52.440 ng

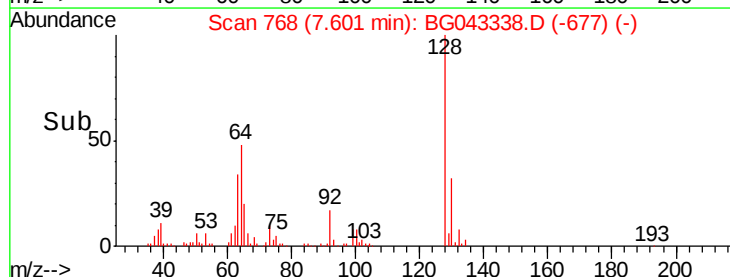
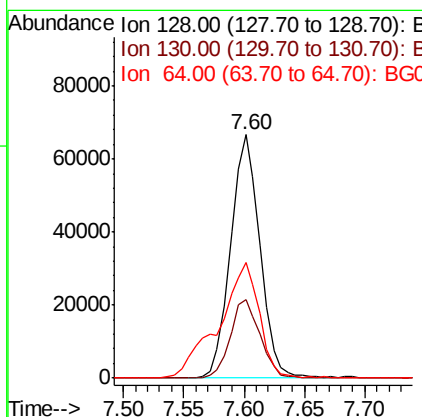
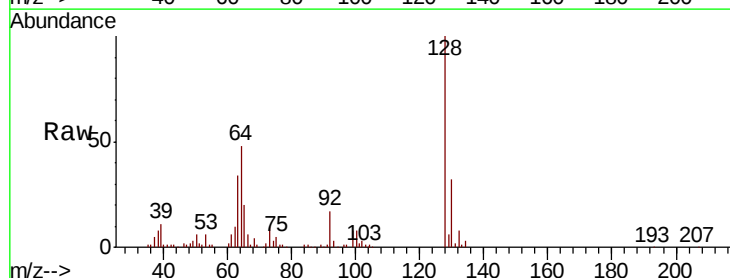
RT: 7.60 min Scan# 768

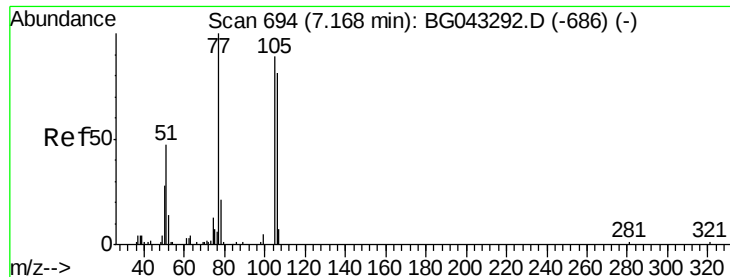
Delta R.T. 0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Tgt Ion:	128	Resp:	112692
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.9	52.9
64	47.6	24.9	64.9





#9

Benzaldehyde

Concen: 25.285 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

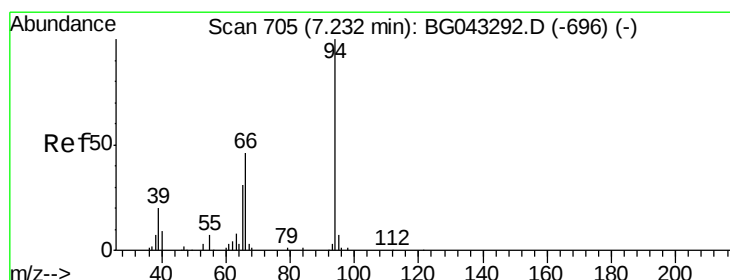
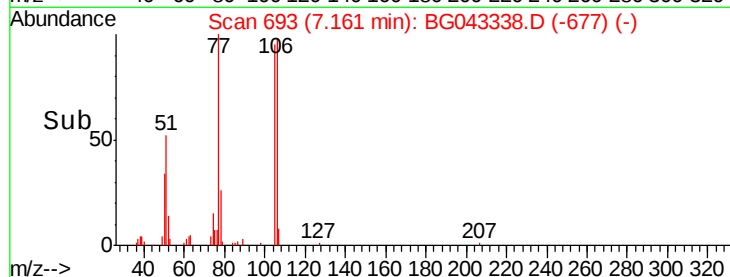
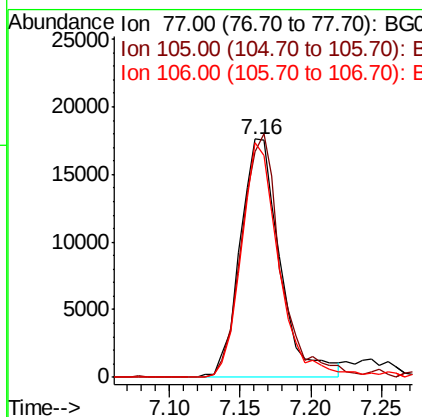
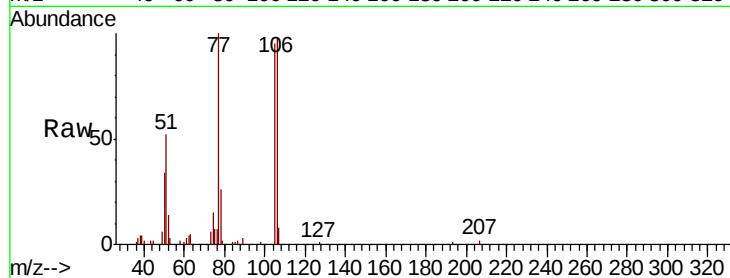
ClientSampleId :

PB124305BS

Tot Ion:	77	Resp:	34804
Ion	Ratio	Lower	Upper
77	100		
105	94.7	68.7	108.7
106	98.5	60.5	100.5

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#10

Phenol

Concen: 52.490 ng

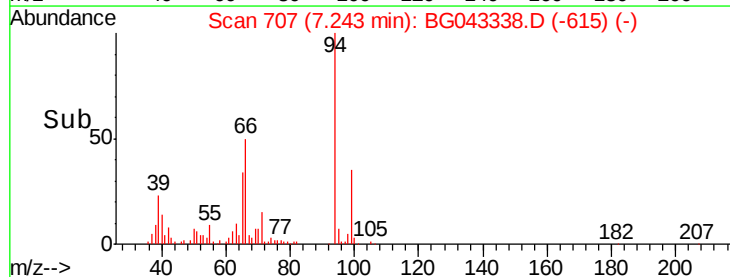
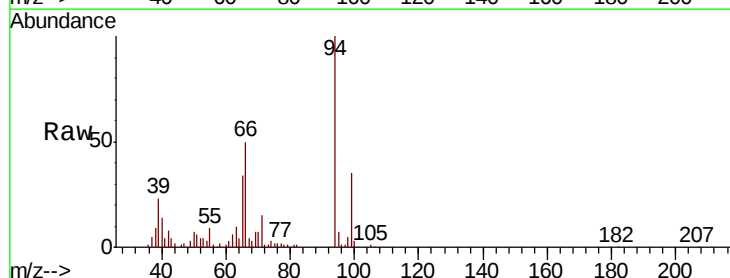
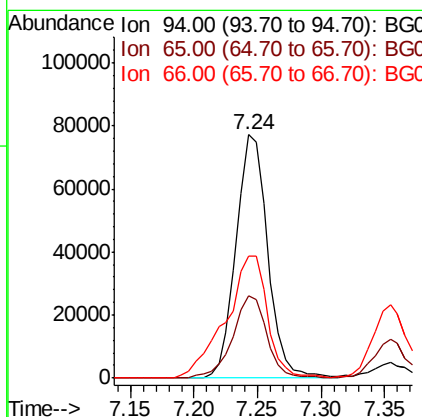
RT: 7.24 min Scan# 707

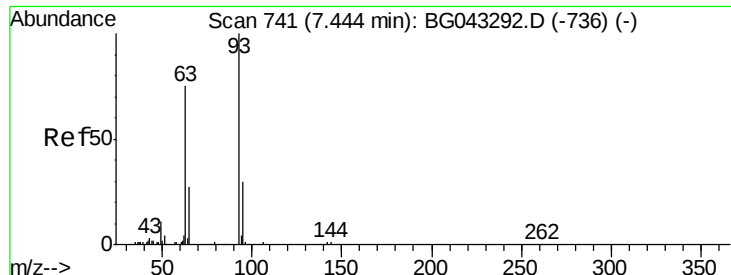
Delta R.T. 0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Tgt Ion:	94	Resp:	134346
Ion	Ratio	Lower	Upper
94	100		
65	33.8	11.1	51.1
66	50.2	27.8	67.8





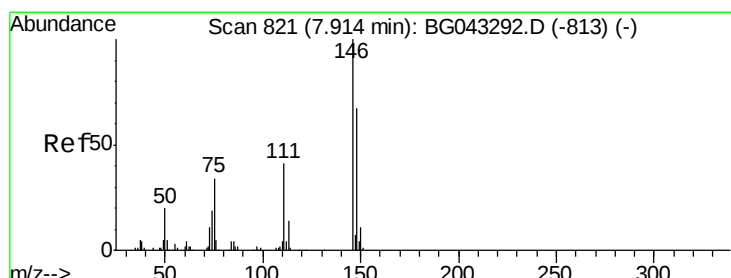
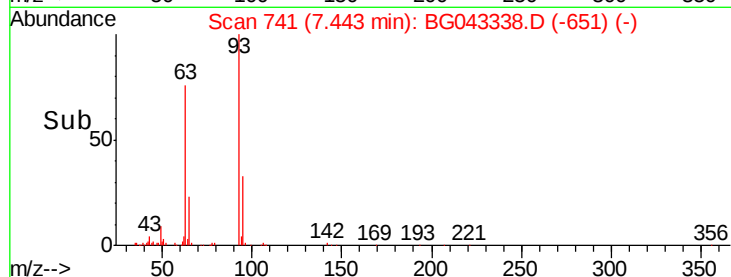
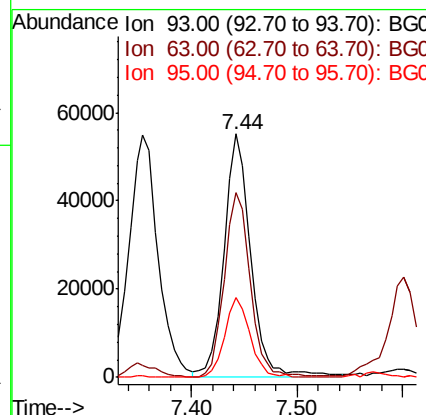
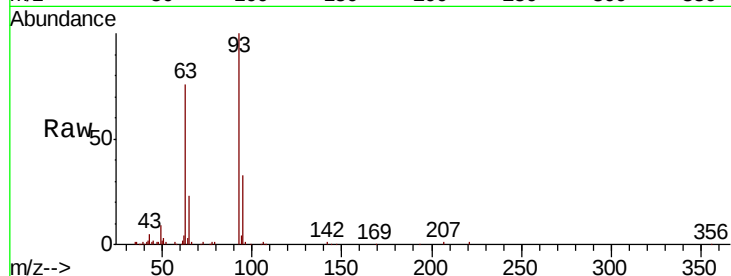
#11
bis(2-Chloroethyl)ether
Concen: 48.810 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	76.0	54.6	94.6	
95	32.8	9.7	49.7	

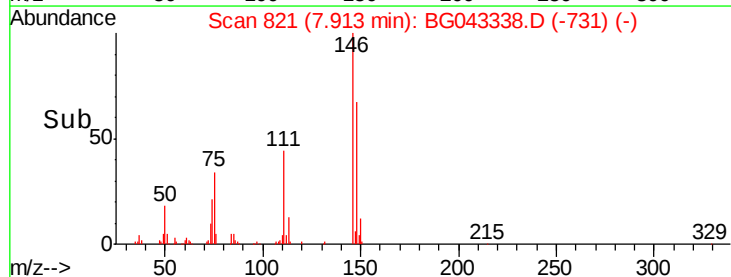
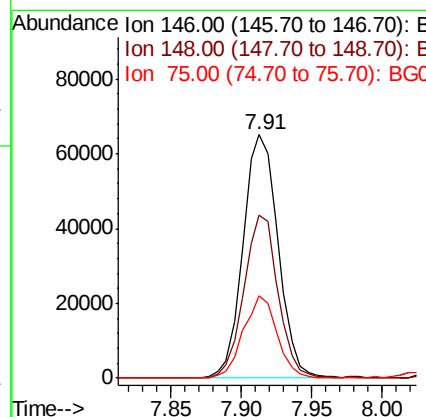
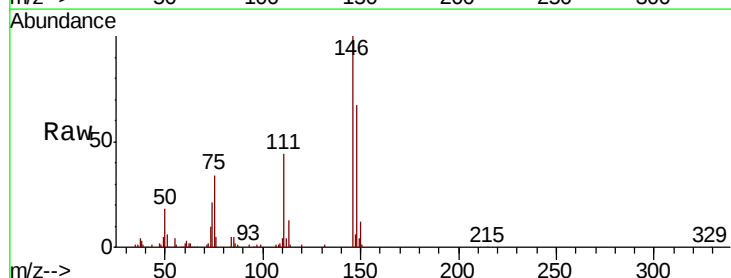
Manual Integrations
APPROVED

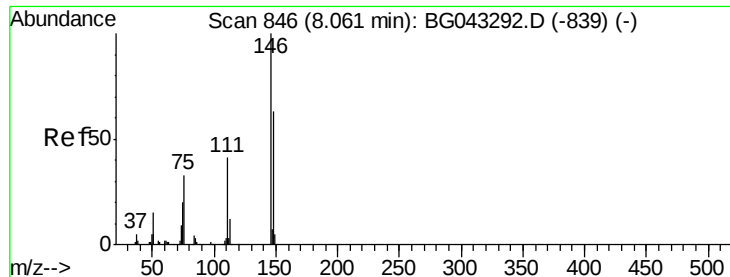
mohammad
10/26/2019 10:00:53 AM



#12
1,3-Dichlorobenzene
Concen: 42.171 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	67.2	53.4	80.2	
75	33.9	27.0	40.4	





#13

1,4-Dichlorobenzene

Concen: 43.187 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

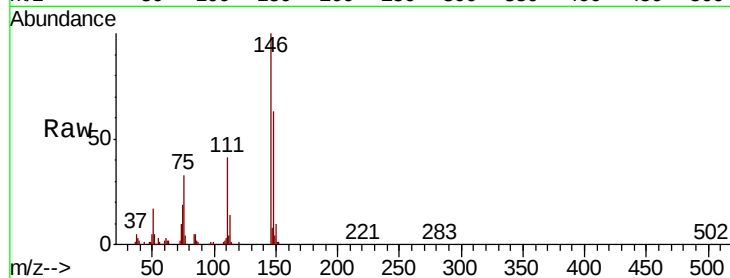
ClientSampleId :

PB124305BS

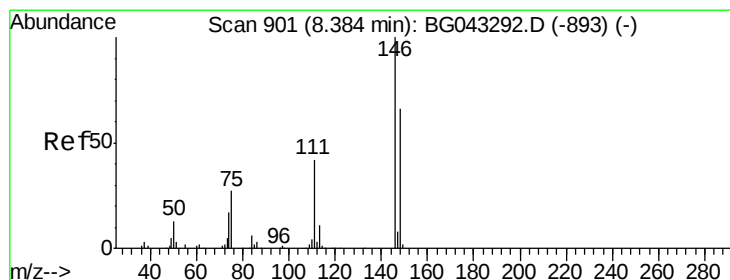
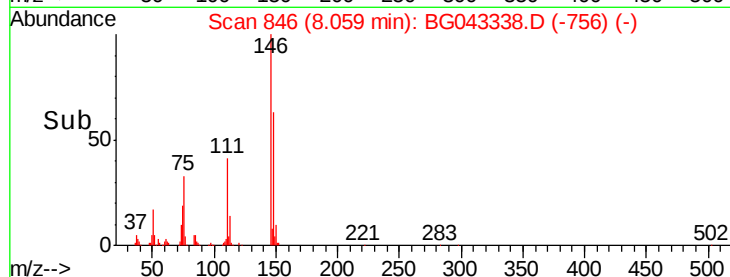
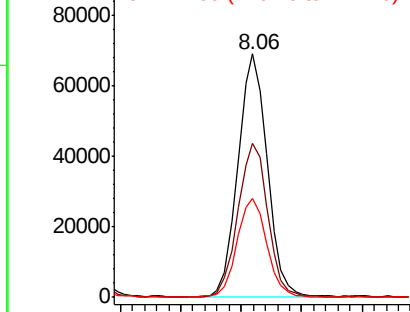
Tot Ion:	146	Resp:	117647
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.7	76.1
111	40.9	33.0	49.6

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.946 ng

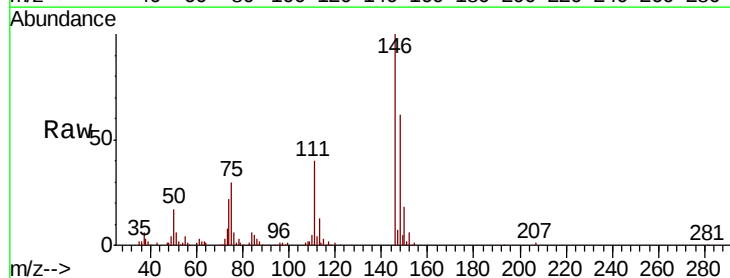
RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

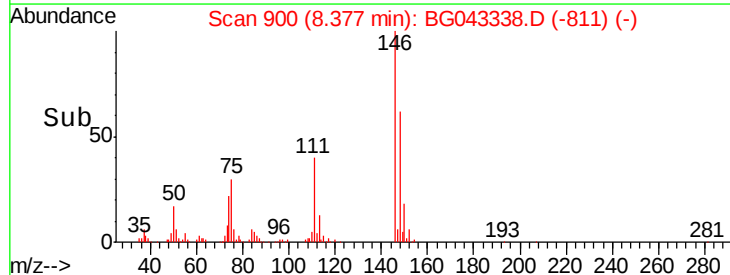
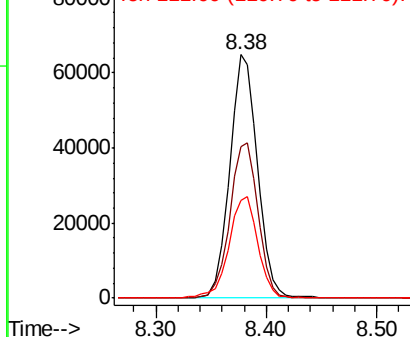
Lab File: BG043338.D

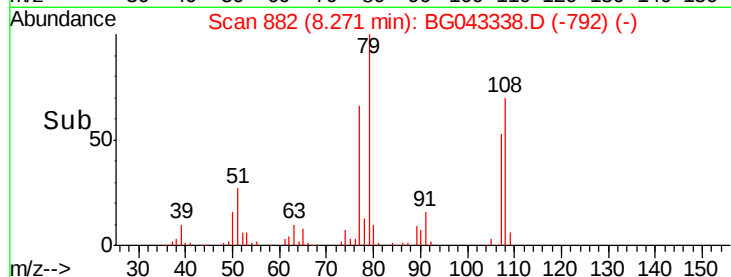
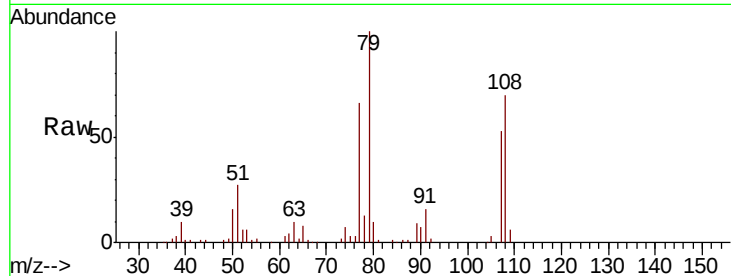
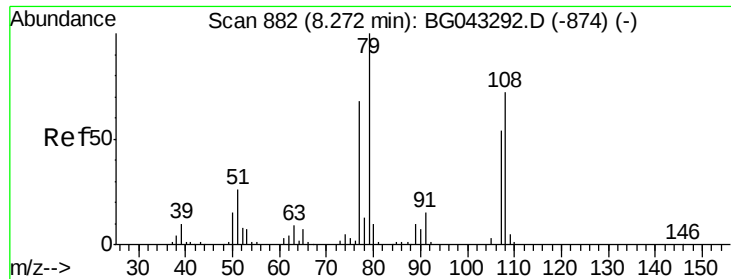
Acq: 25 Oct 2019 14:11

Tgt Ion:	146	Resp:	114230
Ion Ratio	Lower	Upper	
146	100		
148	62.2	53.0	79.4
111	40.2	34.5	51.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





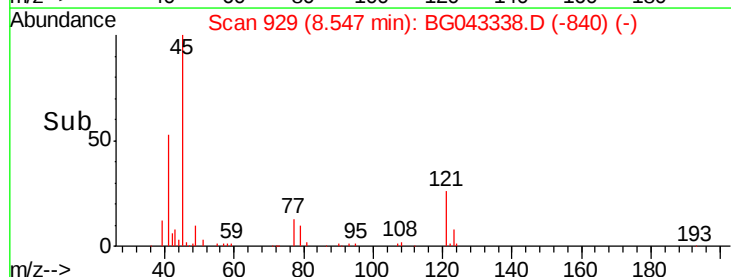
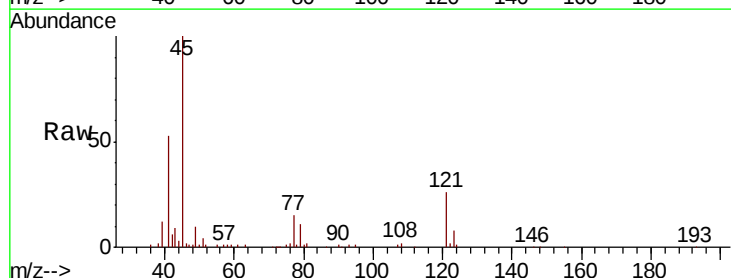
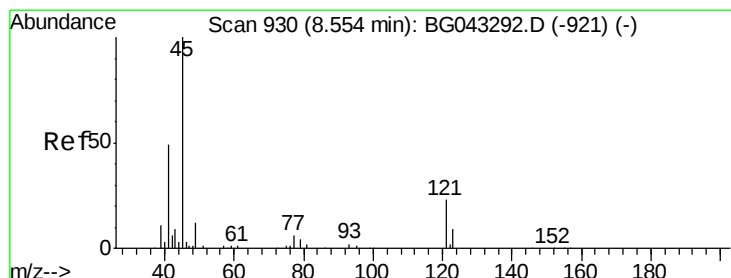
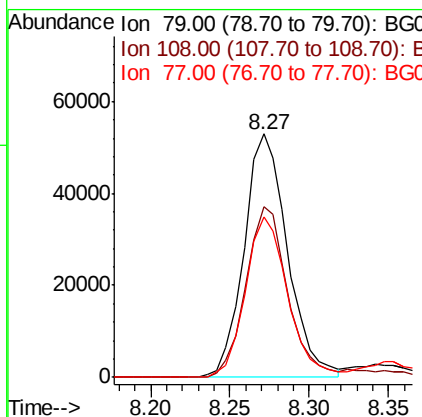
#15
Benzyl Alcohol
Concen: 51.099 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.1	57.3	85.9
77	65.8	54.6	81.8

Instrument :
BNA_G
ClientSampleId :
PB124305BS

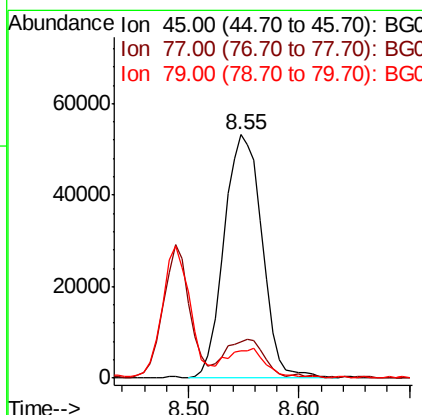
Manual Integrations
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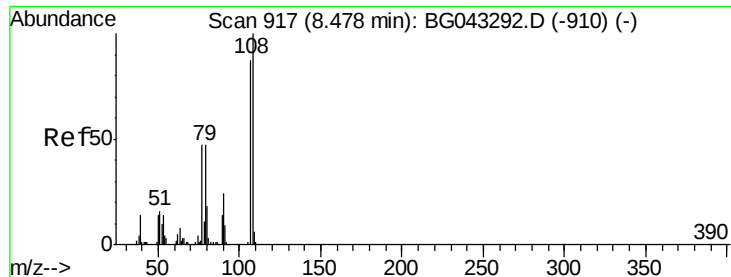
mohammad
10/26/2019 10:00:53 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.536 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.2
79	11.3	0.0	32.3





#17

2-Methylphenol

Concen: 52.216 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

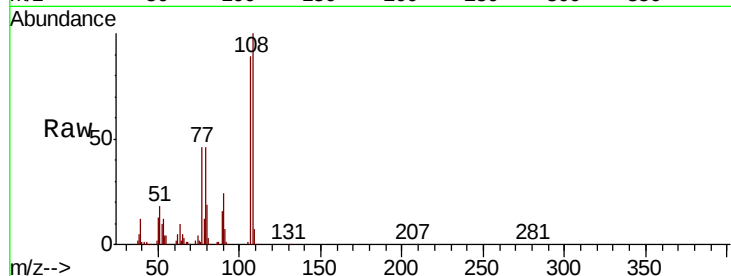
ClientSampleID :

PB124305BS

Tot Ion:	107	Resp:	97427
Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.3	136.9
77	52.0	43.0	64.6
79	51.2	43.4	65.2

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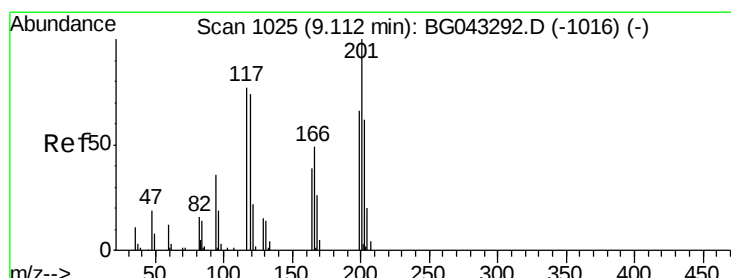
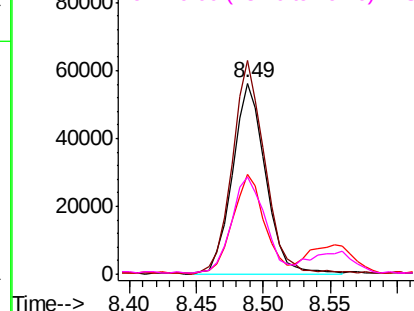
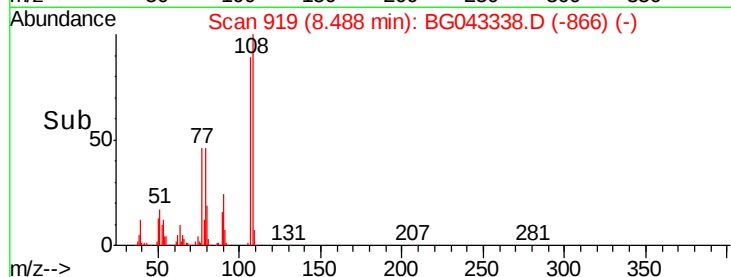
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.156 ng

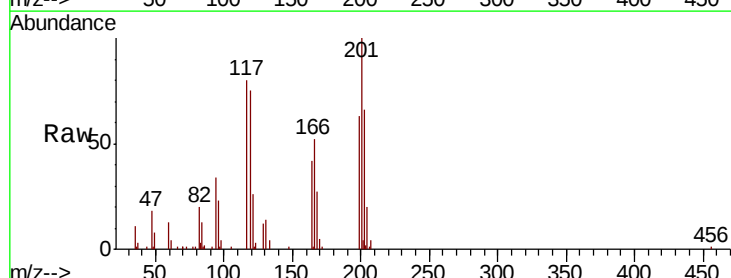
RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Tgt Ion:	117	Resp:	41433
Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.3	115.9
201	125.0	104.2	156.4

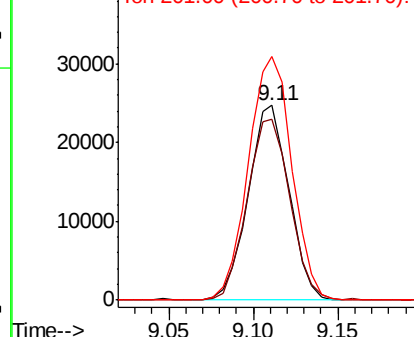
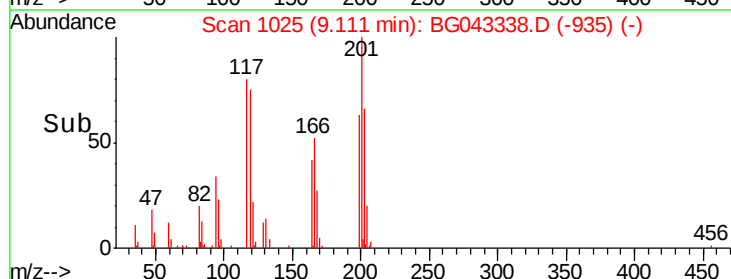


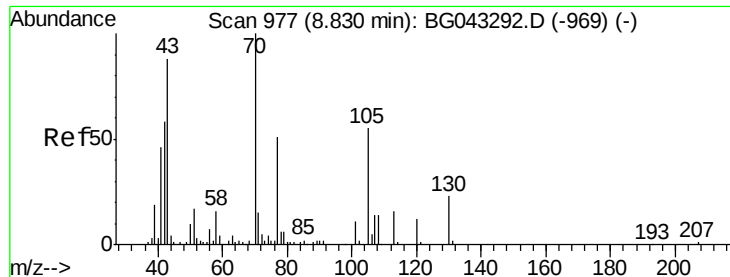
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





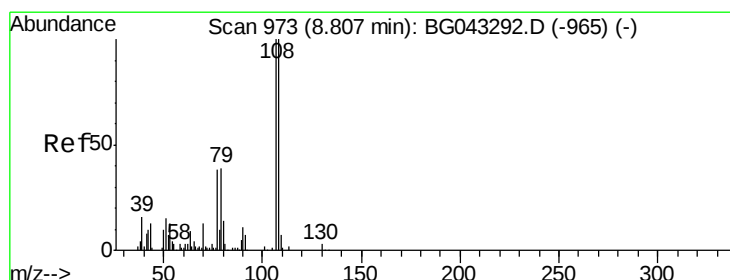
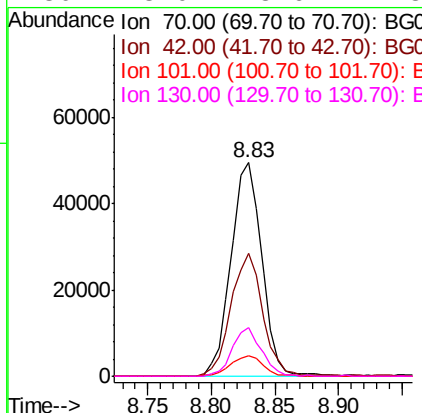
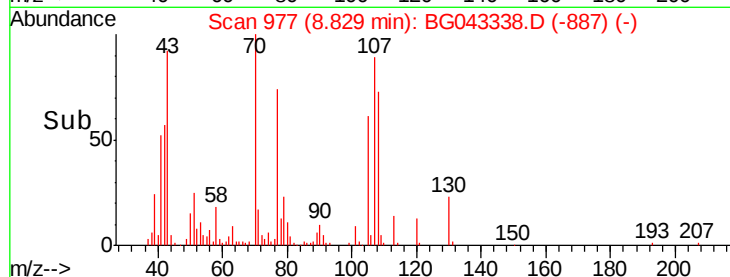
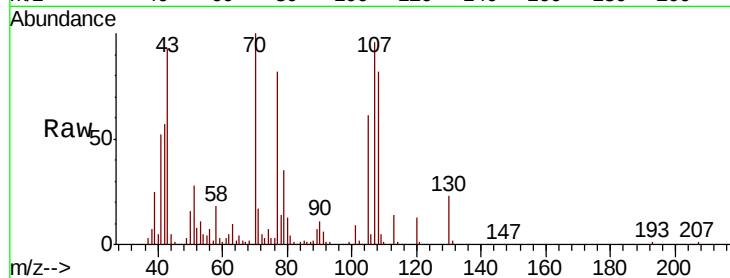
#19
n-Nitroso-di-n-propylamine
Concen: 46.000 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.4	46.2	69.2	
101	9.4	8.6	13.0	
130	23.0	18.6	27.8	

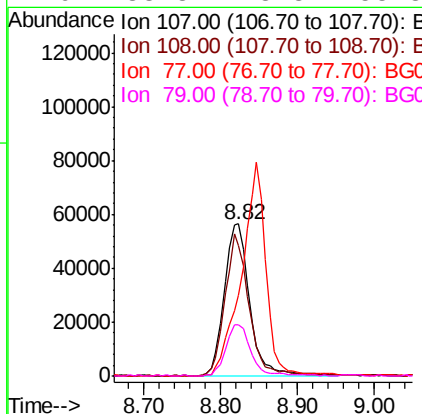
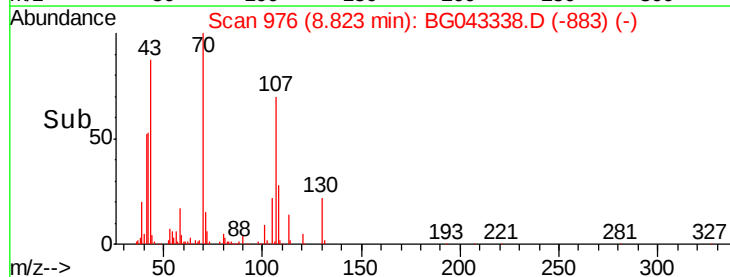
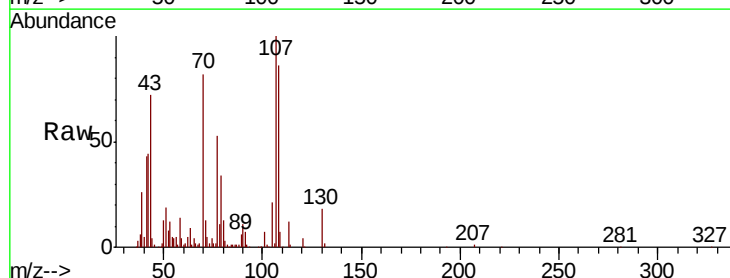
Manual Integrations
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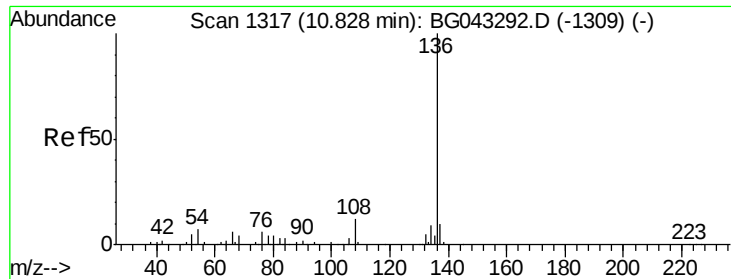
mohammad
10/26/2019 10:00:53 AM



#20
3+4-Methylphenols
Concen: 50.912 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.02 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.6	80.3	120.3	
77	53.0	18.2	58.2	
79	33.8	18.8	58.8	





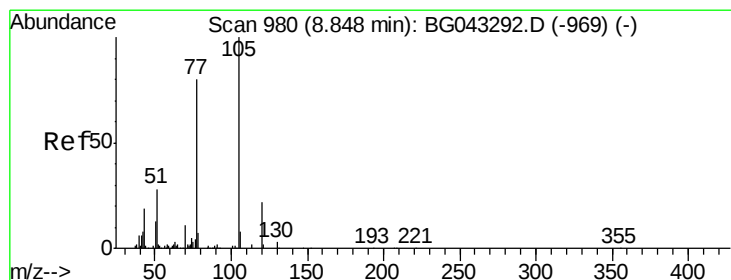
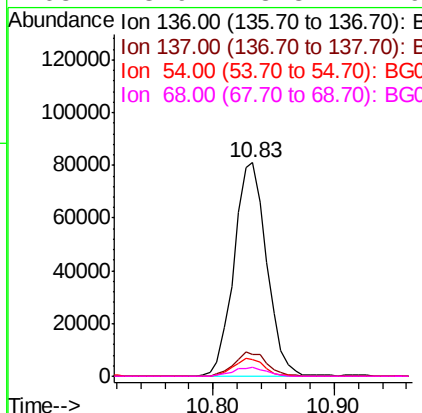
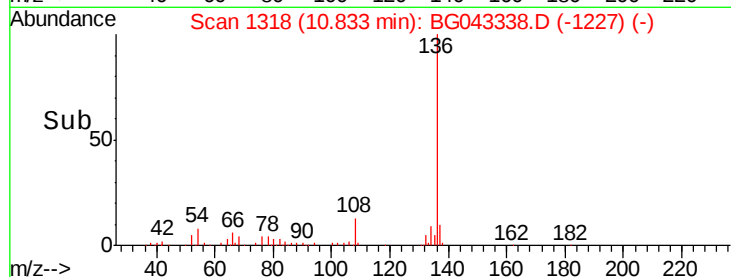
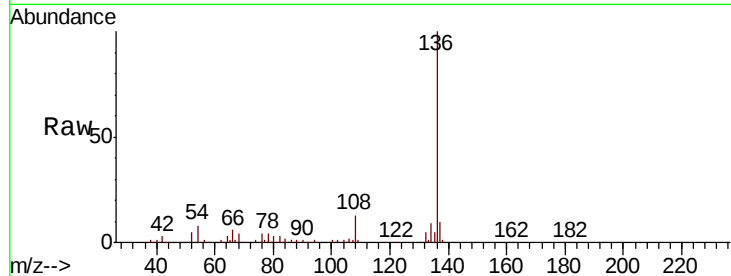
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		152920		
137	10.4		8.2	12.2	
54	7.6		5.4	8.2	
68	3.9		3.3	4.9	

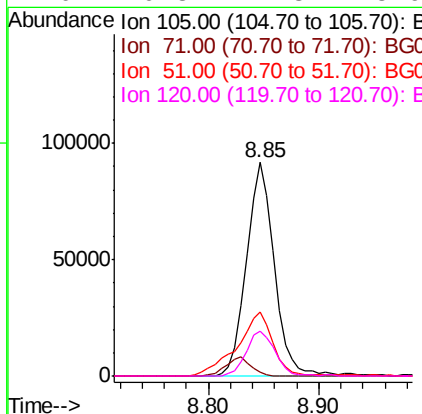
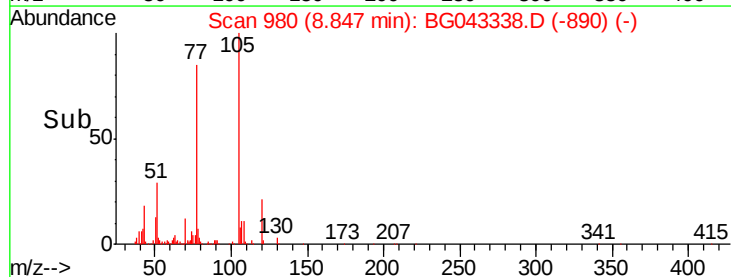
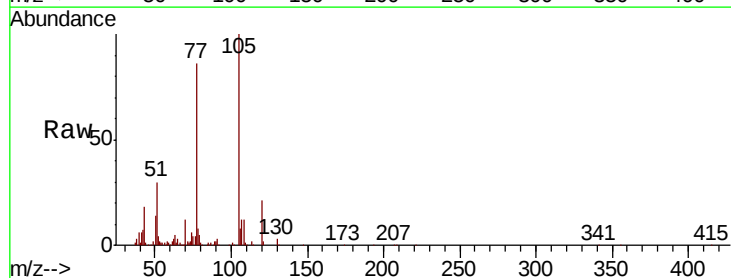
Manual Integrations
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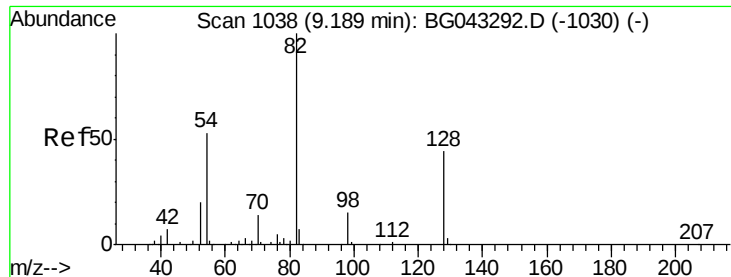
mohammad
10/26/2019 10:00:53 AM



#22
Acetophenone
Concen: 41.447 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		162312		
71	1.9		1.5	2.3	
51	29.8		23.9	35.9	
120	20.8		17.3	25.9	





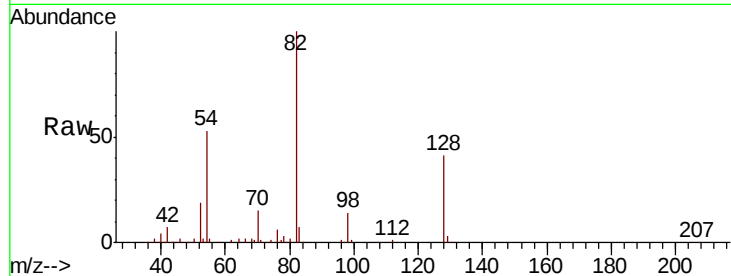
#23
 Nitrobenzene-d5
 Concen: 64.529 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043338.D
 Acq: 25 Oct 2019 14:11

Instrument :
 BNA_G
 ClientSampleId :
 PB124305BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	191404		
128	41.1	35.3	52.9	
54	53.3	42.3	63.5	

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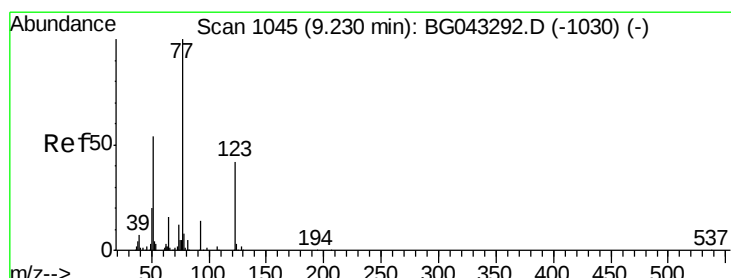
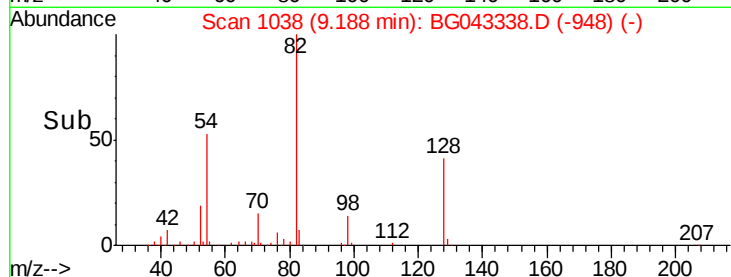
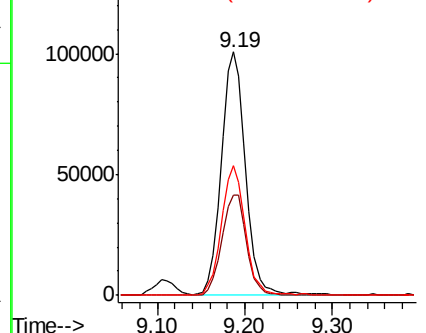


Abundance

Ion 82.00 (81.70 to 82.70): BGC

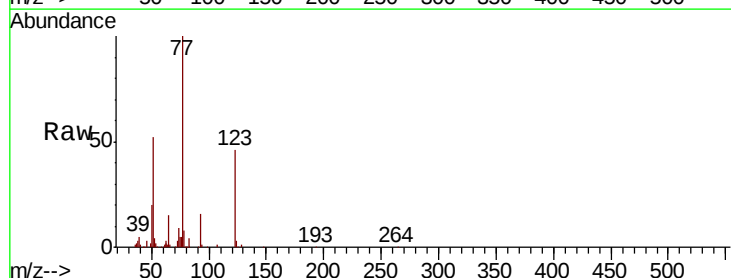
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 44.464 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043338.D
 Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	125637		
123	46.4	33.8	50.8	
65	15.0	13.0	19.4	

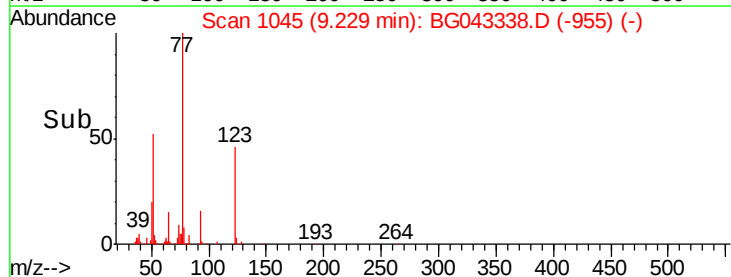
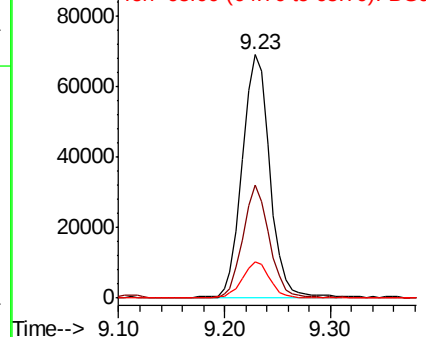


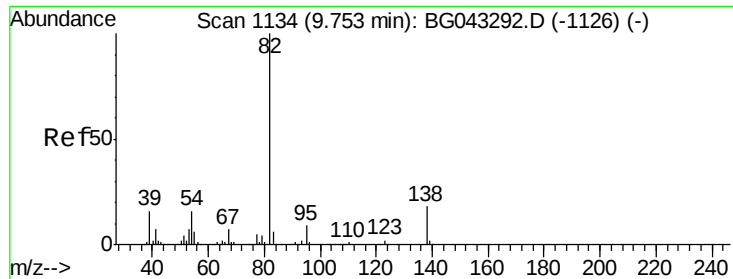
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 43.397 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

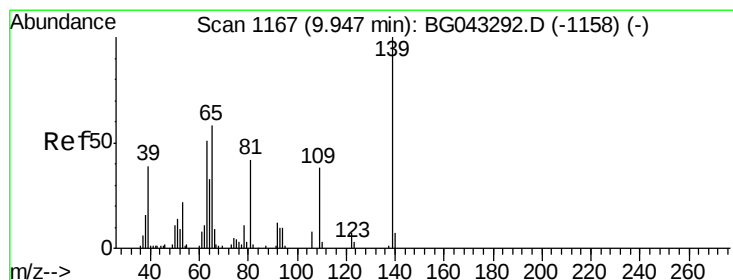
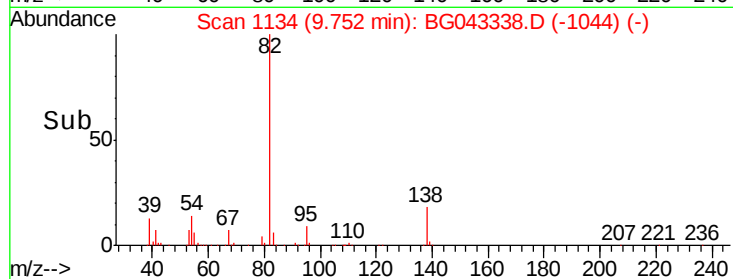
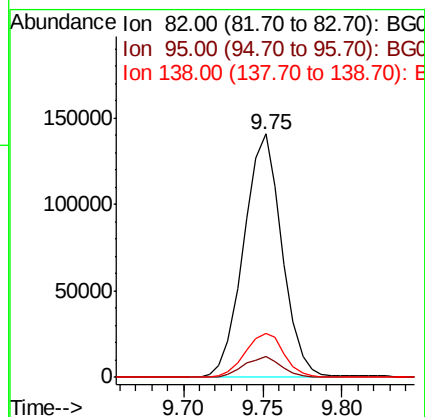
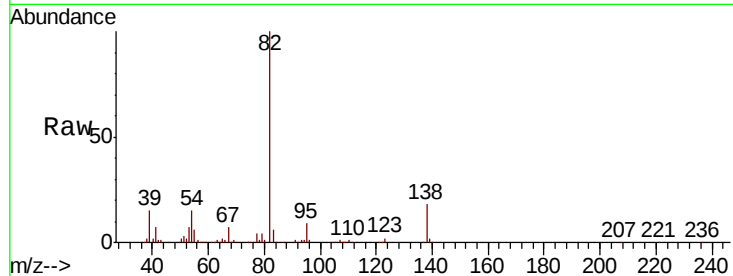
ClientSampleId :

PB124305BS

Tot Ion:	82	Resp:	235342
Ion Ratio	Lower	Upper	
82	100		
95	8.7	6.9	10.3
138	18.0	14.2	21.2

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#26

2-Nitrophenol

Concen: 47.827 ng

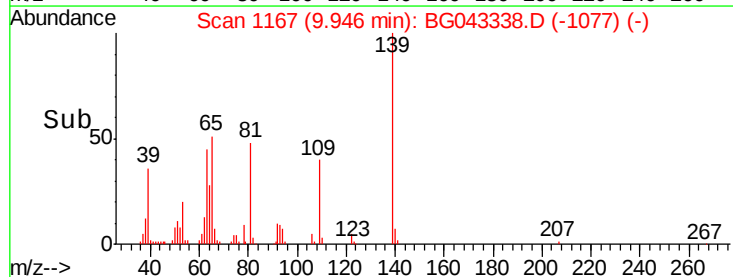
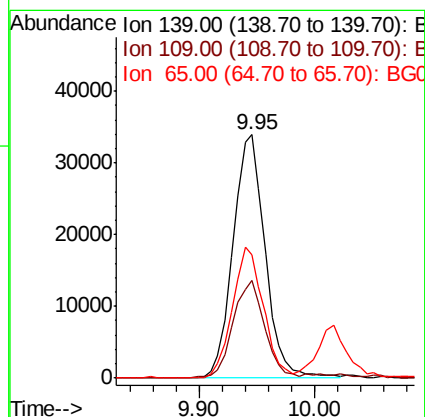
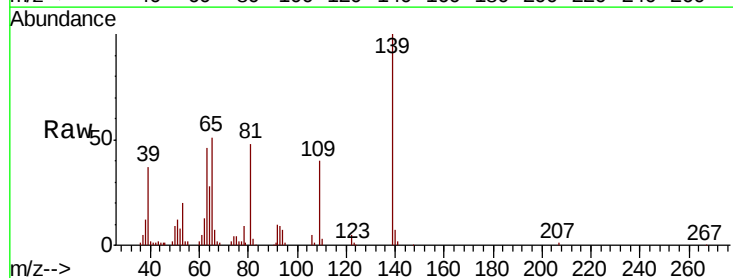
RT: 9.95 min Scan# 1167

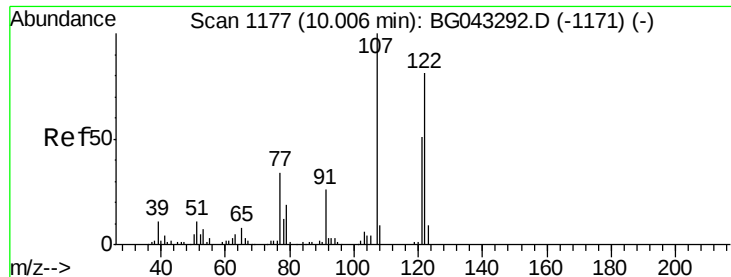
Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Tgt Ion:	139	Resp:	65243
Ion Ratio	Lower	Upper	
139	100		
109	39.9	30.1	45.1
65	50.5	46.1	69.1





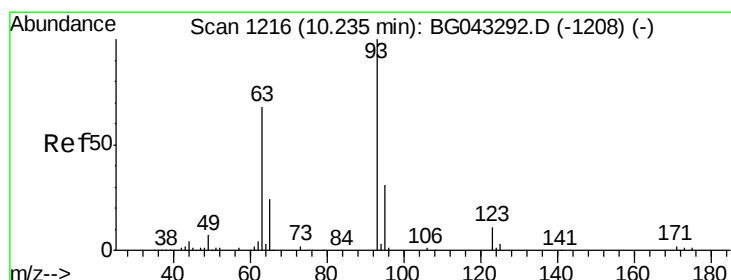
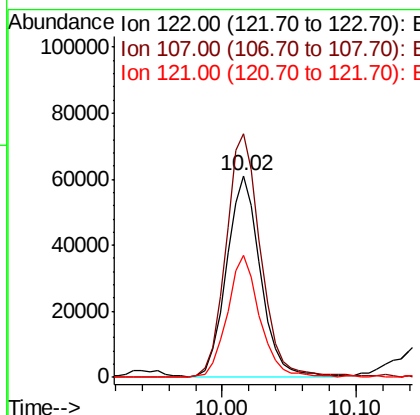
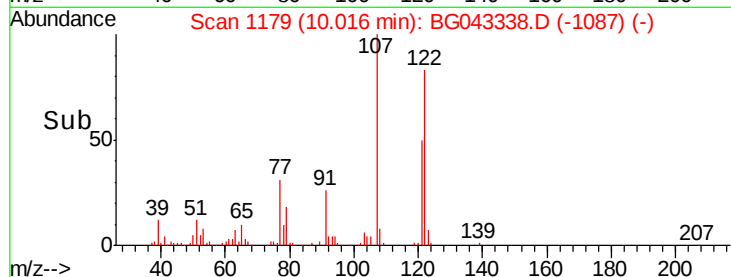
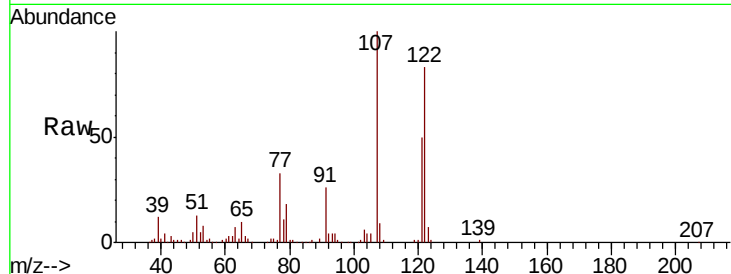
#27
2,4-Dimethylphenol
Concen: 54.707 ng
RT: 10.02 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	106963		
107	120.7	98.6	147.8	
121	60.5	50.1	75.1	

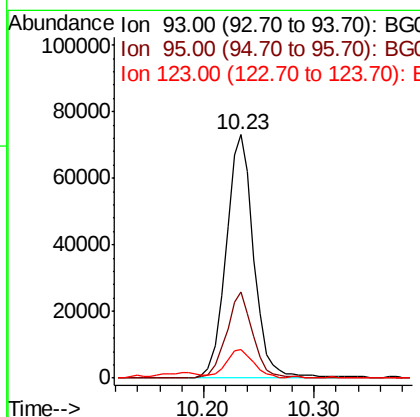
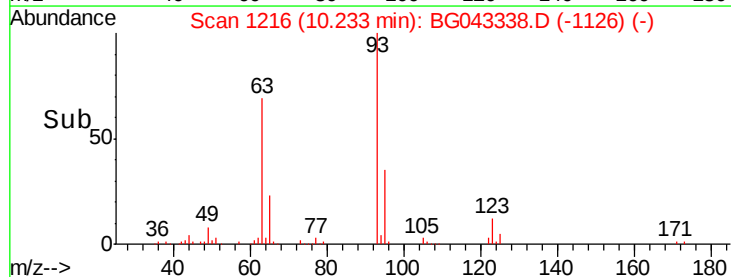
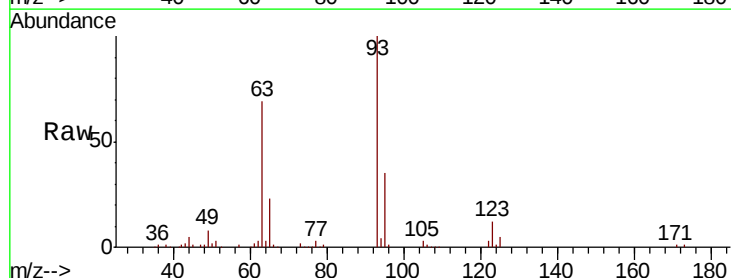
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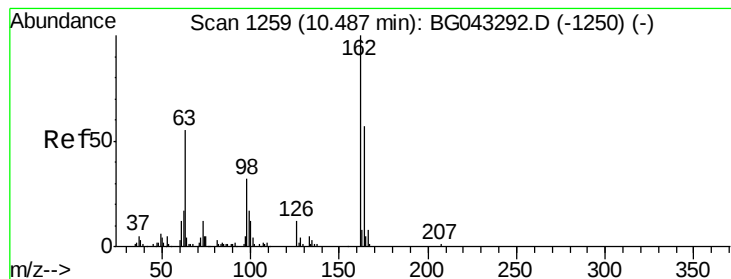
mohammad
10/26/2019 10:00:53 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.574 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	127426		
95	35.5	24.9	37.3	
123	11.5	8.9	13.3	





#29

2,4-Dichlorophenol

Concen: 48.897 ng

RT: 10.50 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

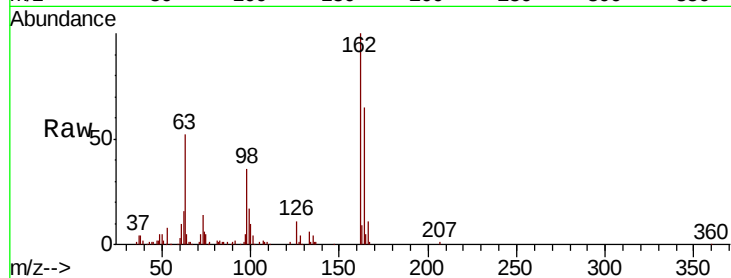
ClientSampleId :

PB124305BS

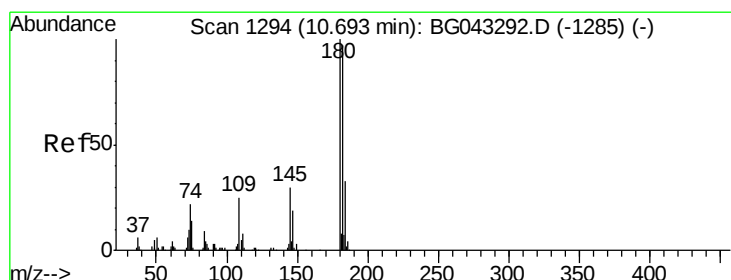
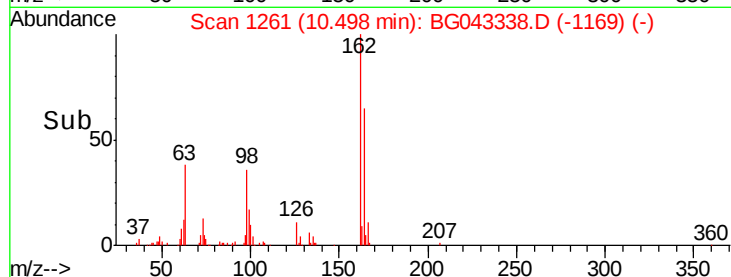
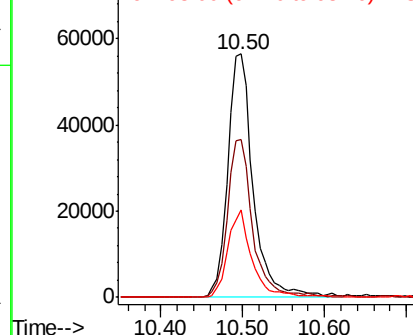
Tot Ion:	162	Resp:	122495
Ion Ratio	Lower	Upper	
162	100		
164	64.8	37.3	77.3
98	35.9	11.8	51.8

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 42.564 ng

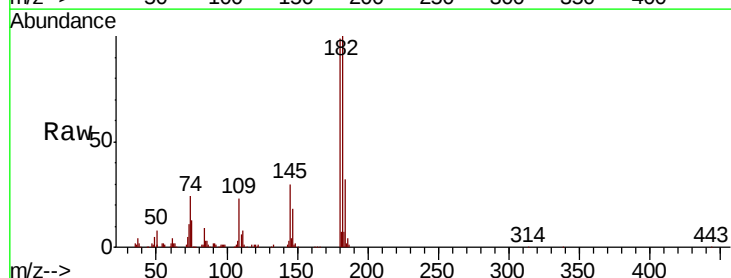
RT: 10.69 min Scan# 1294

Delta R.T. -0.00 min

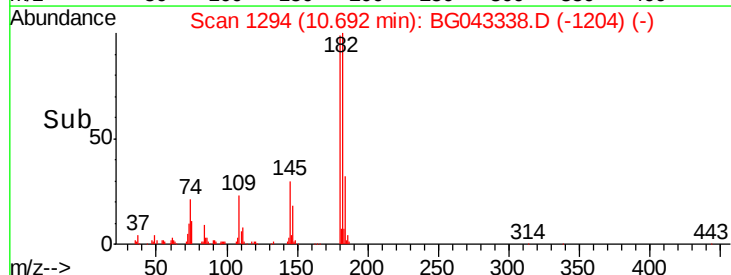
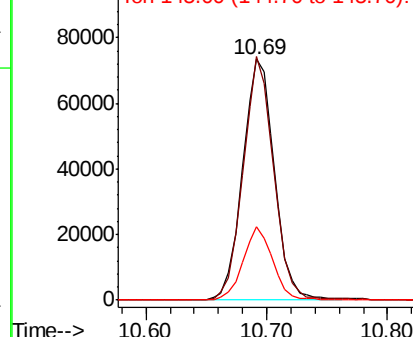
Lab File: BG043338.D

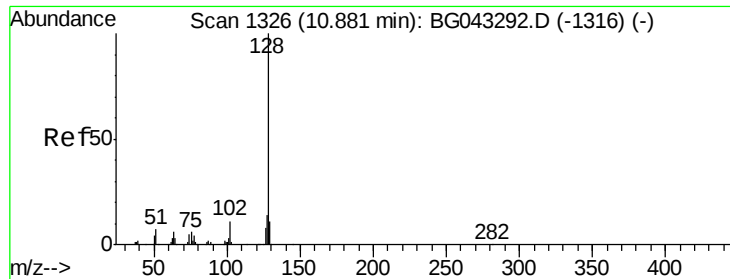
Acq: 25 Oct 2019 14:11

Tgt Ion:	180	Resp:	134391
Ion Ratio	Lower	Upper	
180	100		
182	101.1	77.8	116.8
145	30.6	23.6	35.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





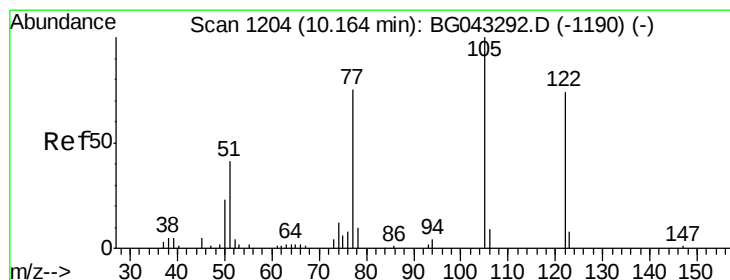
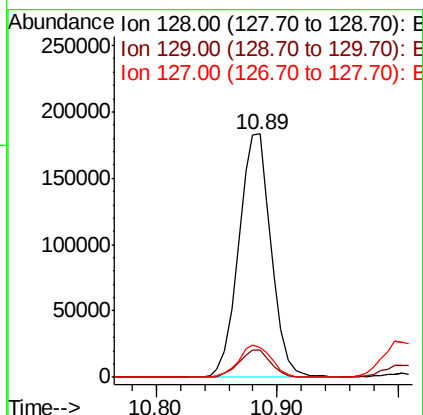
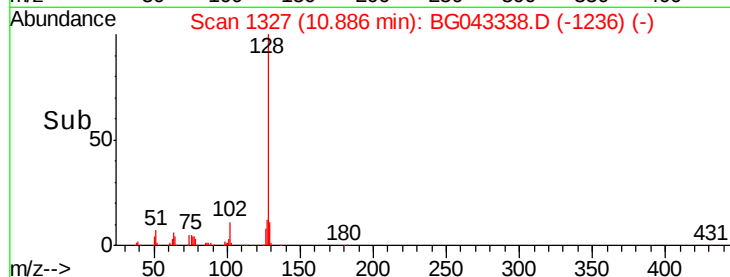
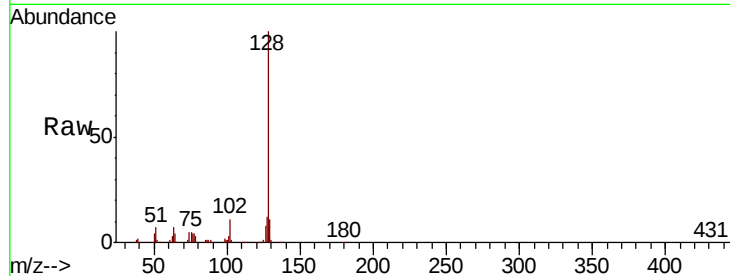
#31
Naphthalene
Concen: 44.125 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	342501		
129	11.3		8.6	12.8
127	12.4		11.5	17.3

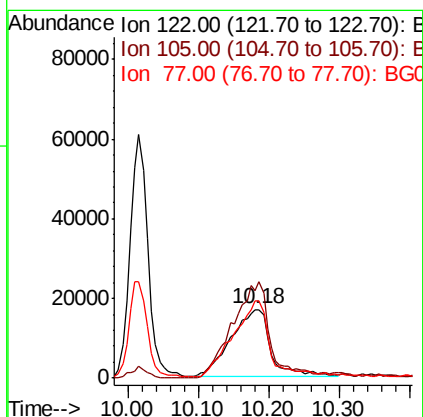
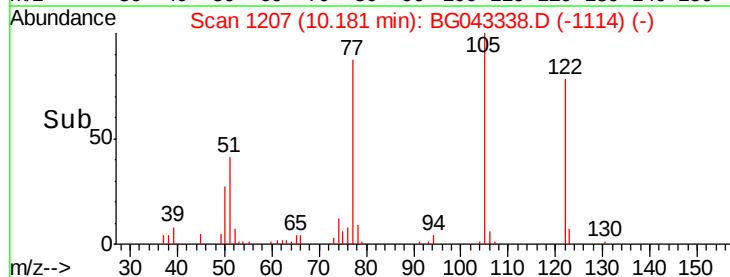
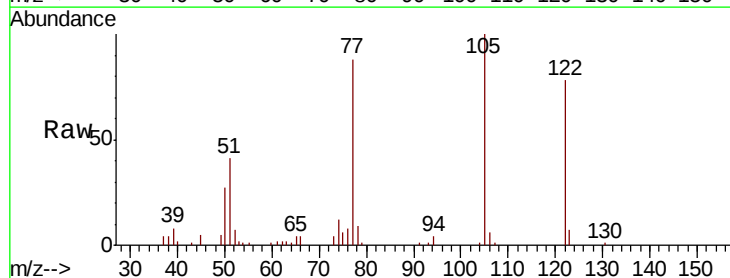
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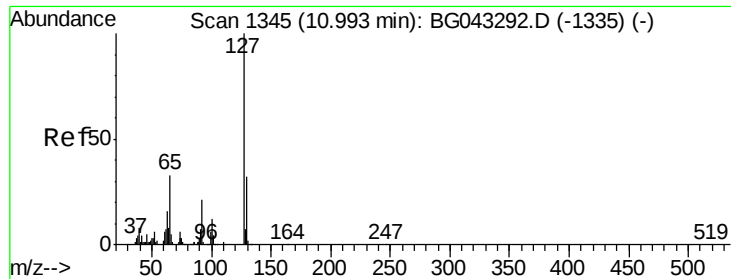
mohammad
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#32
Benzoic acid
Concen: 44.315 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	64880		
105	128.1		112.4	152.4
77	113.0		82.7	122.7





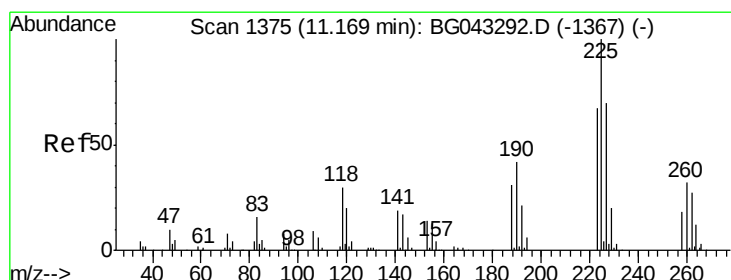
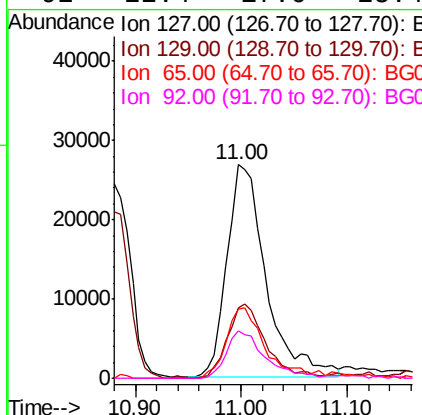
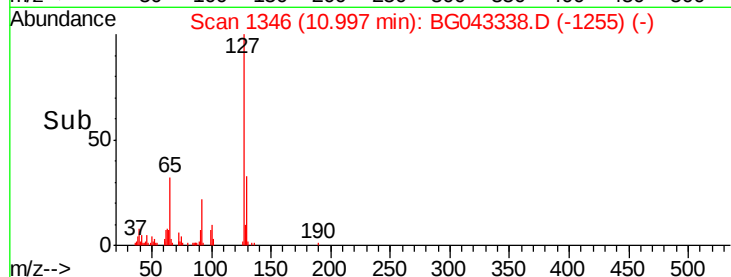
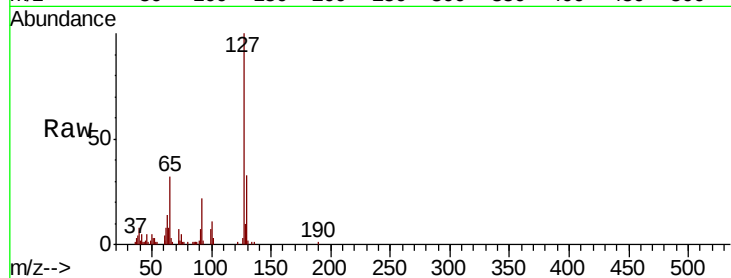
#33
4-Chloroaniline
Concen: 21.732 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.8	38.8
65	32.2	26.2	39.2
92	22.4	17.0	25.4

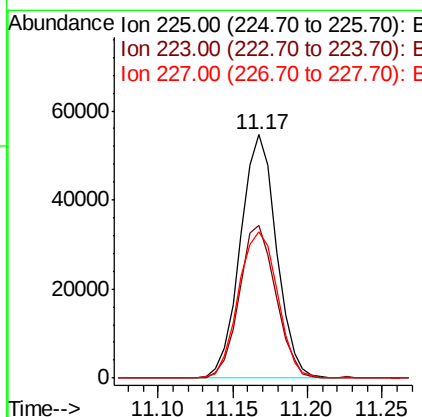
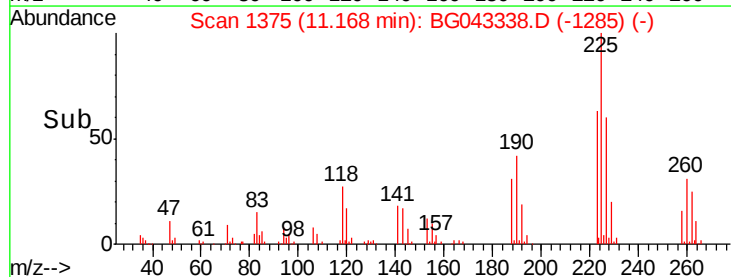
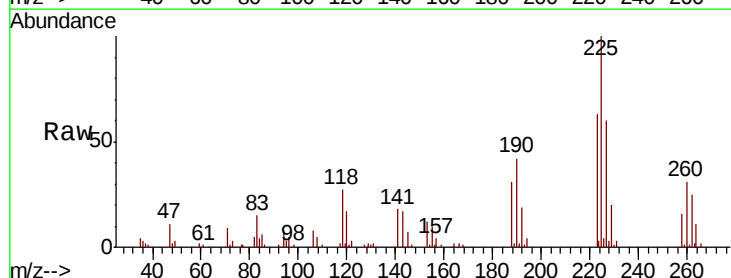
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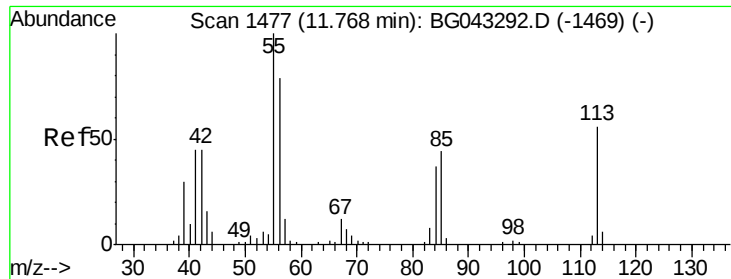
mohammad
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#34
Hexachlorobutadiene
Concen: 39.095 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	53.2	79.8
227	60.4	56.2	84.2





#35

Caprolactam

Concen: 44.888 ng/ml

RT: 11.77 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleID :

PB124305BS

Tot Ion:113 Resp: 38729

Ion Ratio Lower Upper

113 100

55 153.1 158.9 198.9#

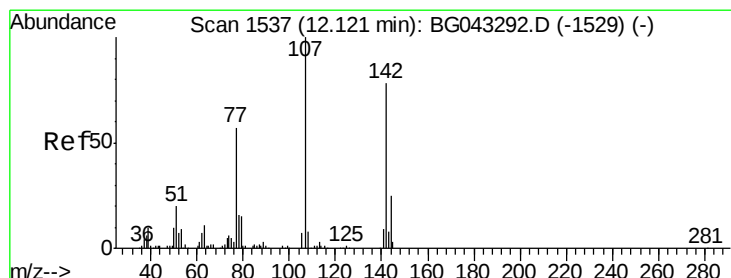
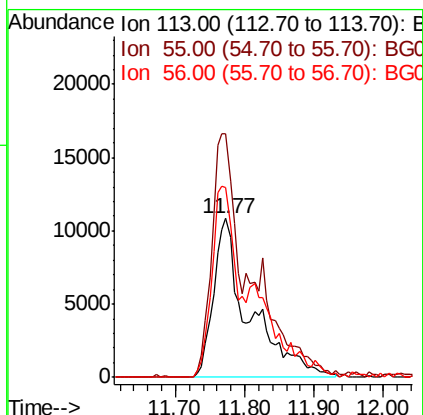
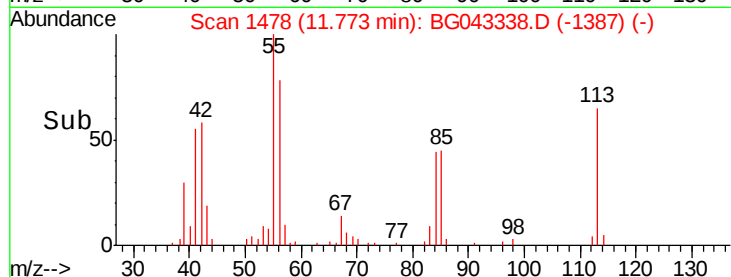
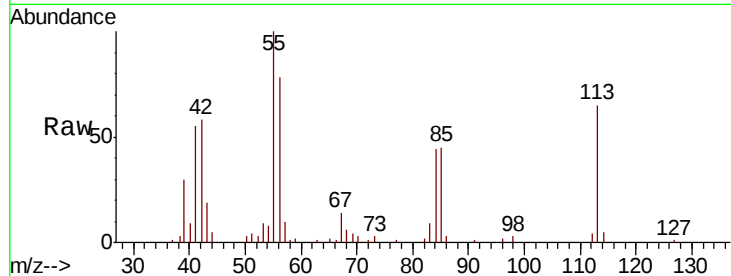
56 119.8 121.4 161.4#

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#36

4-Chloro-3-methylphenol

Concen: 48.274 ng/ml

RT: 12.14 min Scan# 1540

Delta R.T. 0.02 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

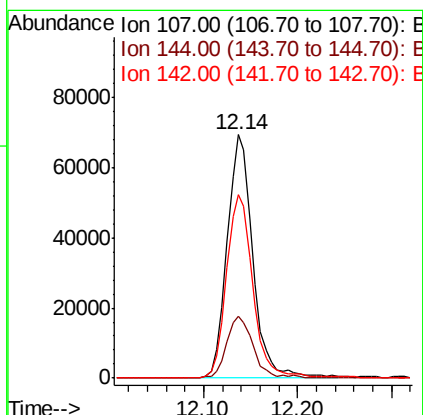
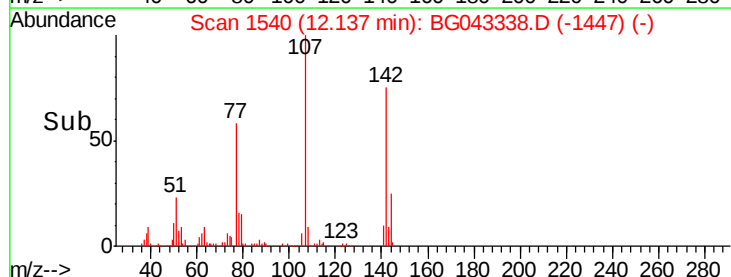
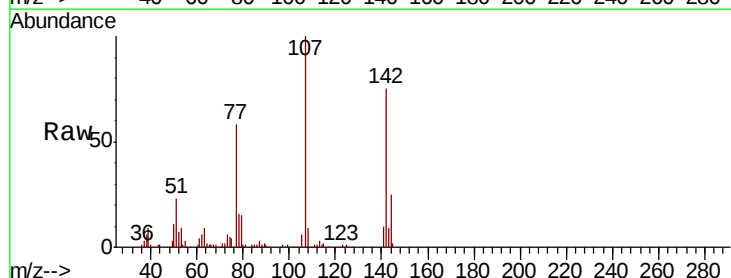
Tgt Ion:107 Resp: 131915

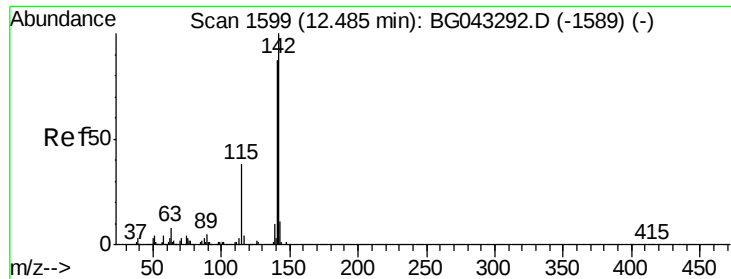
Ion Ratio Lower Upper

107 100

144 25.4 19.9 29.9

142 75.5 62.1 93.1





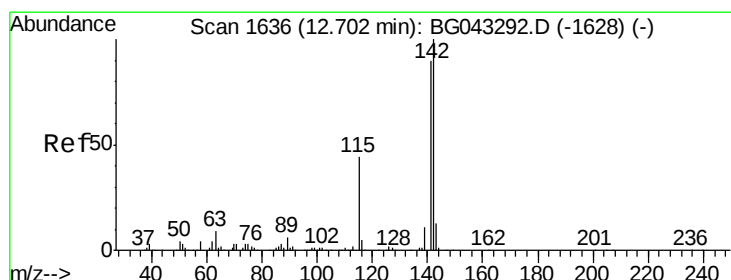
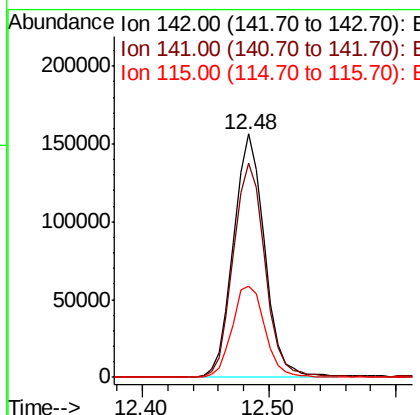
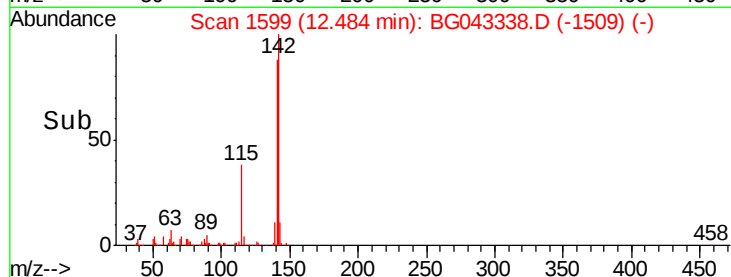
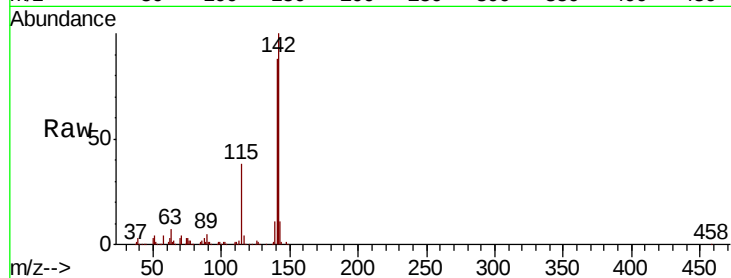
#37
2-Methylnaphthalene
Concen: 44.649 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.7	104.5
115	37.5	30.6	46.0

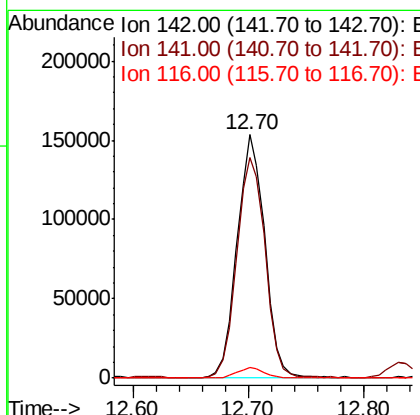
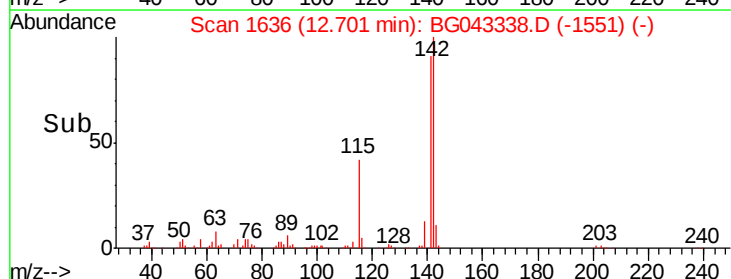
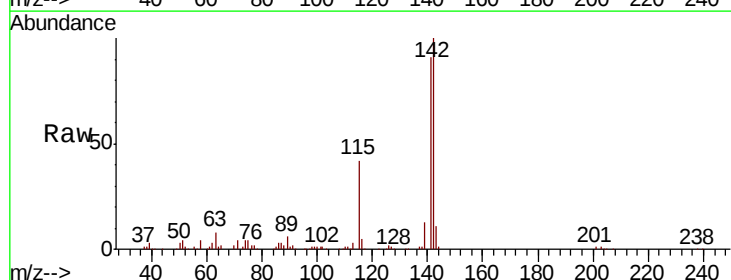
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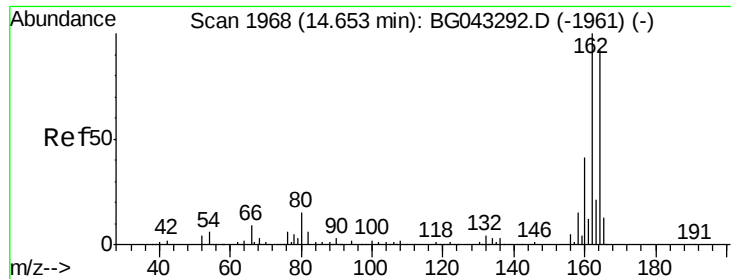
mohammad
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#38
1-Methylnaphthalene
Concen: 44.634 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.3	108.5
116	4.6	3.8	5.6





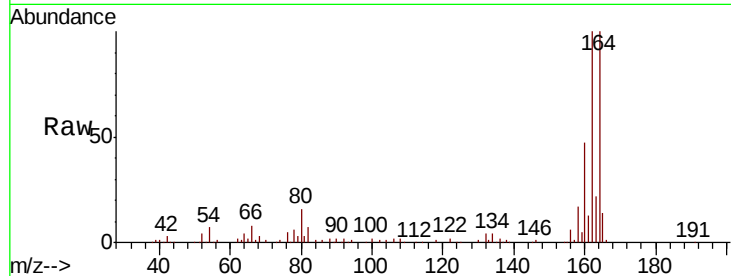
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	87.0	130.4
160	47.3	35.5	53.3

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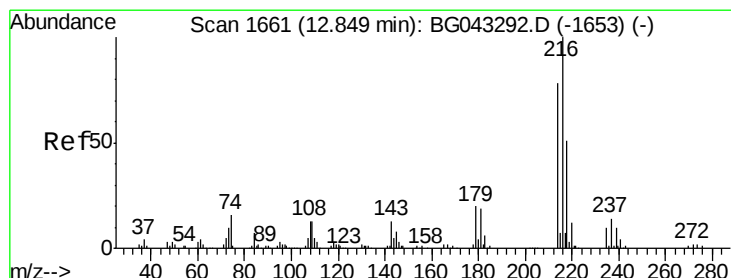
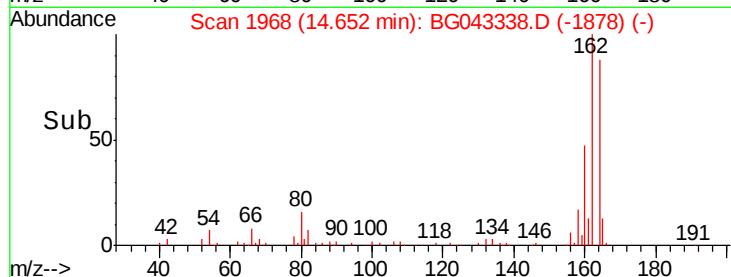
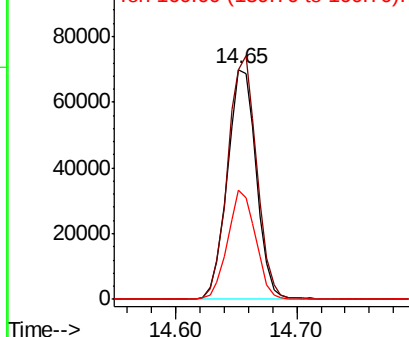


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.968 ng
RT: 12.85 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.5	95.3
179	19.1	16.2	24.2
108	15.0	11.2	16.8

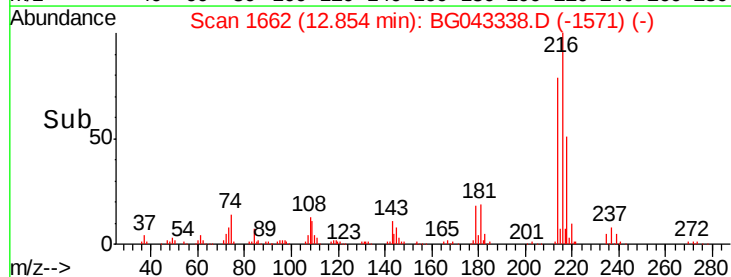
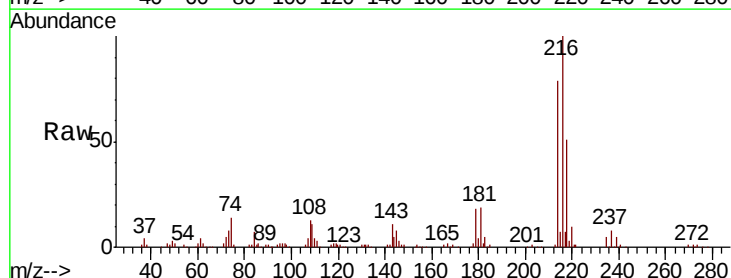
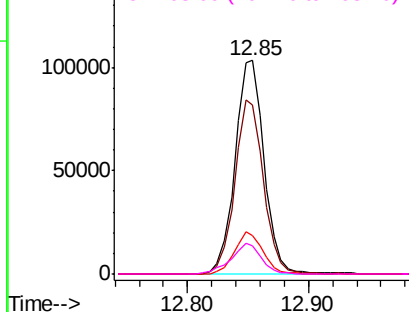
Abundance

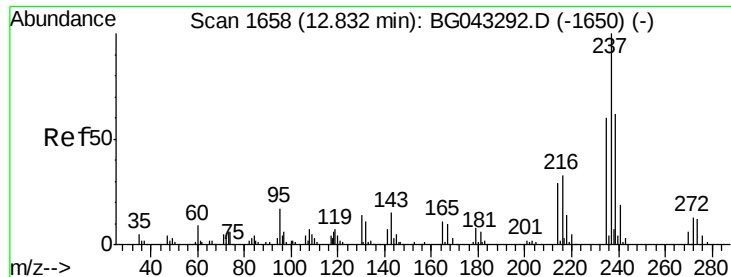
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 64.043 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

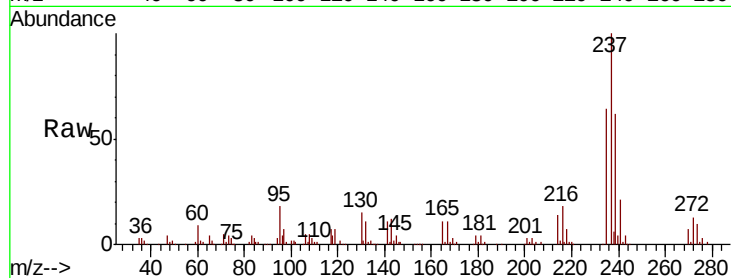
ClientSampleId :

PB124305BS

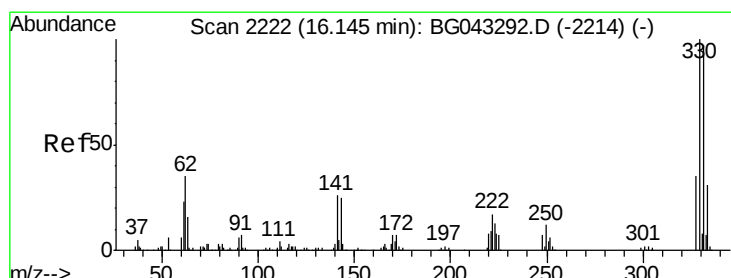
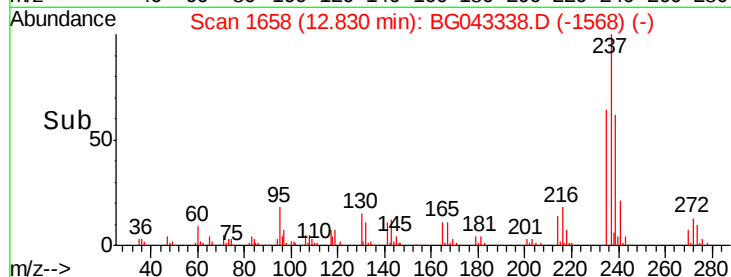
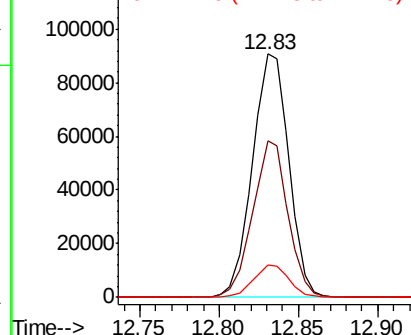
Tot Ion:	237	Resp:	145090
Ion Ratio	Lower	Upper	
237	100		
235	64.3	40.3	80.3
272	13.4	0.0	32.9

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



#42

2,4,6-Tribromophenol

Concen: 118.989 ng

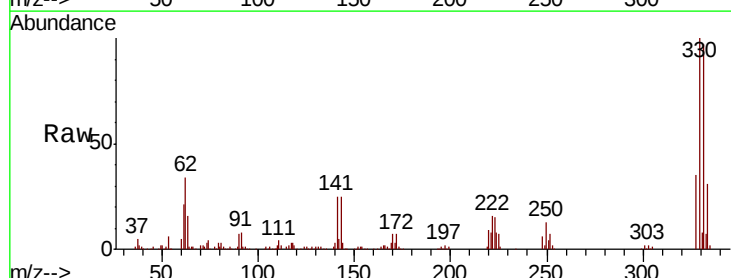
RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

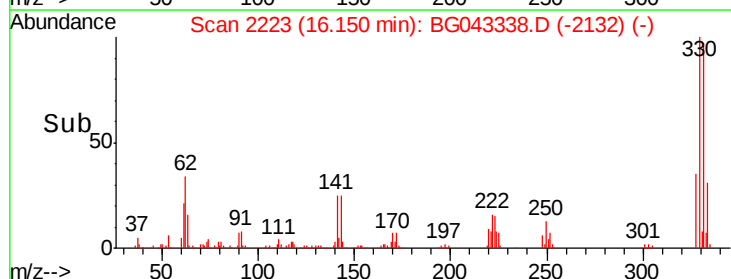
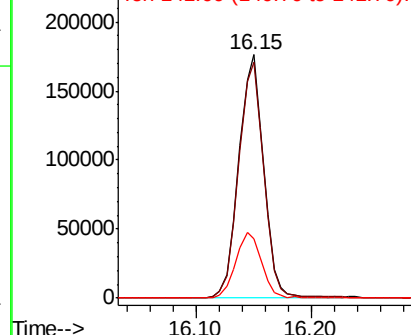
Lab File: BG043338.D

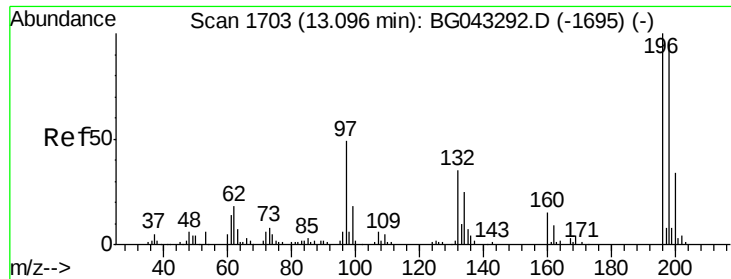
Acq: 25 Oct 2019 14:11

Tgt Ion:	330	Resp:	263874
Ion Ratio	Lower	Upper	
330	100		
332	98.3	76.4	114.6
141	27.9	21.4	32.0



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





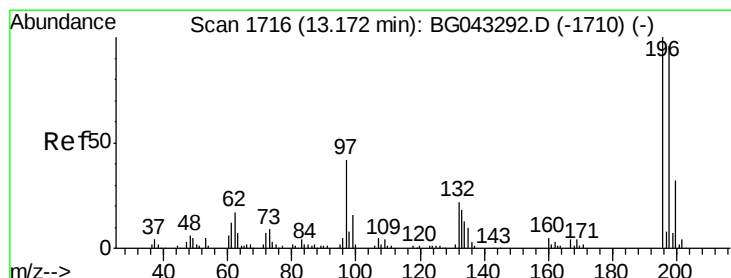
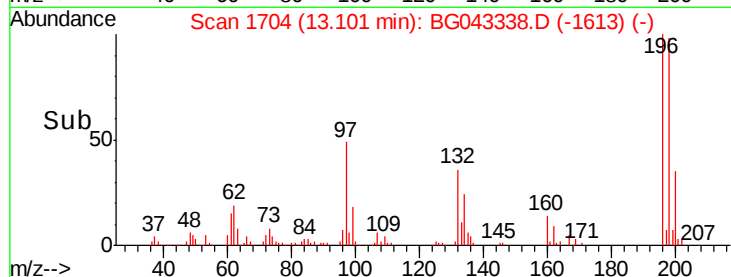
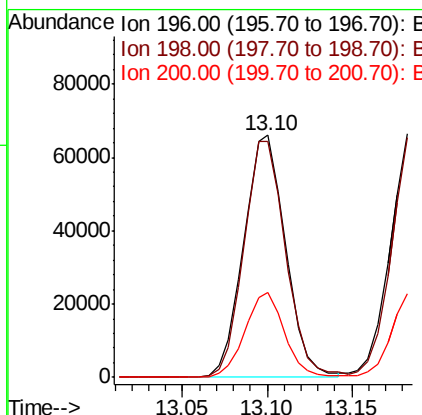
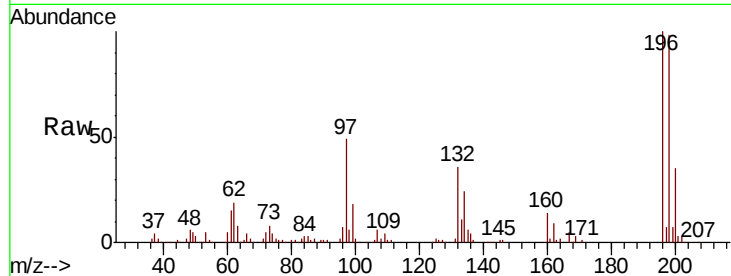
#43
 2,4,6-Trichlorophenol
 Concen: 44.903 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043338.D
 Acq: 25 Oct 2019 14:11

Instrument :
 BNA_G
 ClientSampleId :
 PB124305BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	114045		
198	97.6	77.0	115.4	
200	34.9	27.4	41.2	

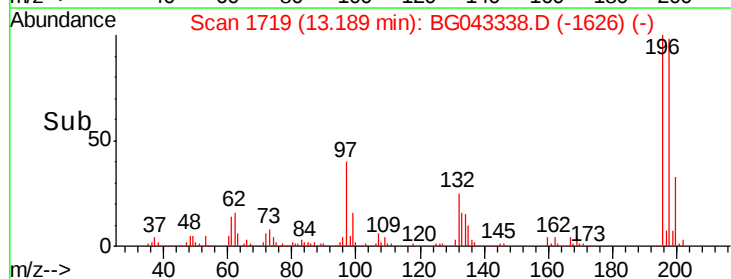
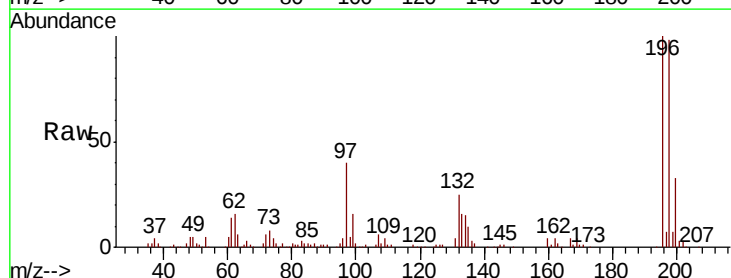
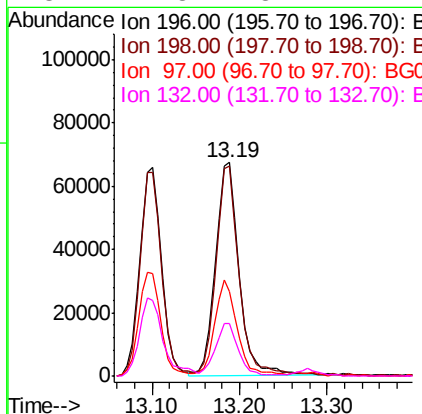
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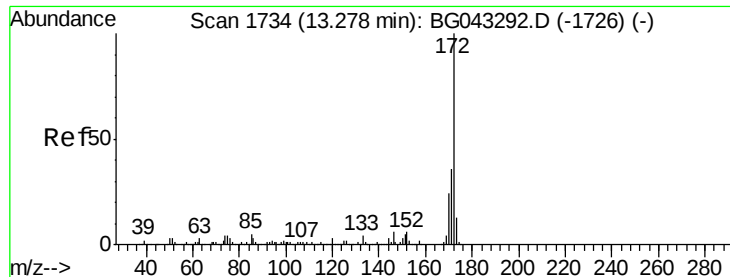
mohammad
 10/26/2019 10:00:53 AM



#44
 2,4,5-Trichlorophenol
 Concen: 49.193 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.02 min
 Lab File: BG043338.D
 Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	126313		
198	98.3	76.6	114.8	
97	39.5	34.1	51.1	
132	24.8	18.2	27.4	





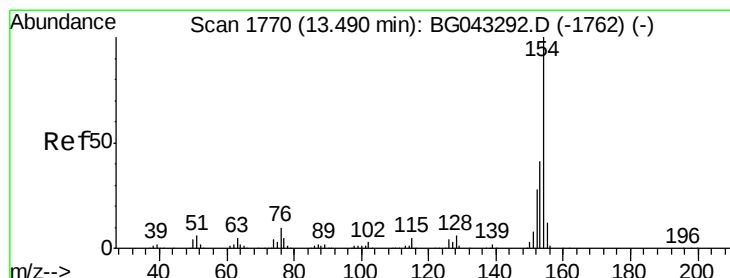
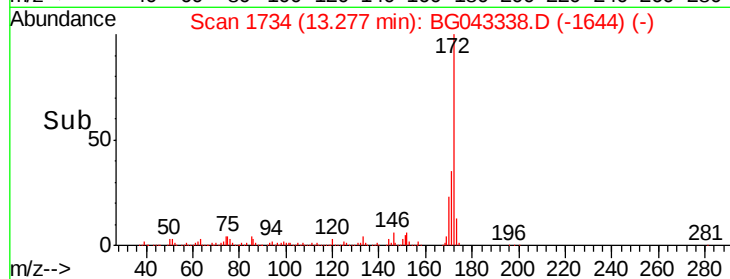
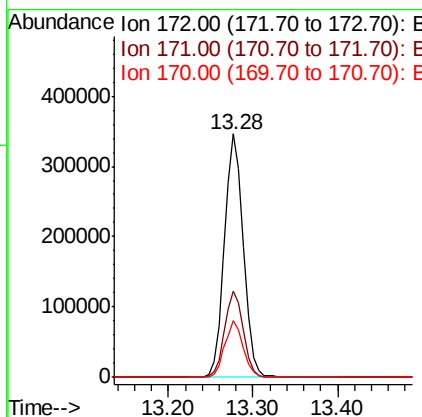
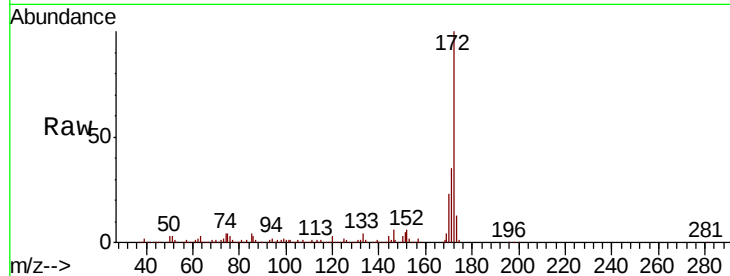
#45
2-Fluorobiphenyl
Concen: 63.154 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.2	18.8	28.2

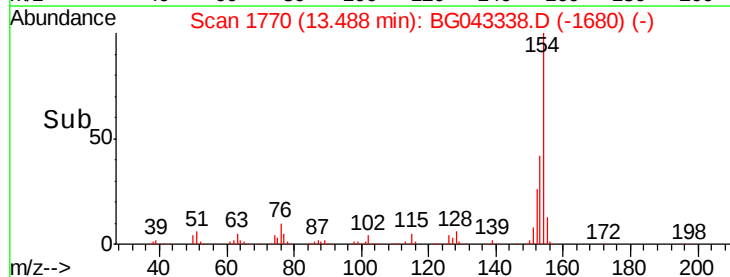
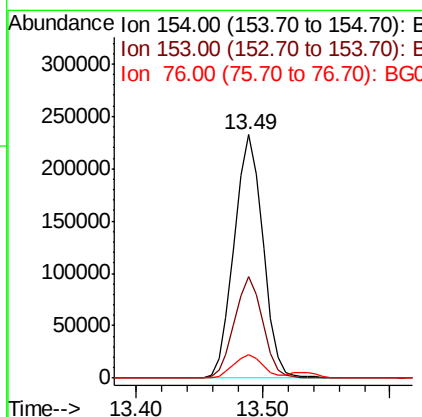
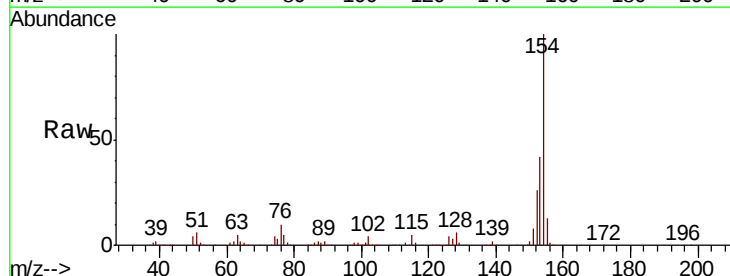
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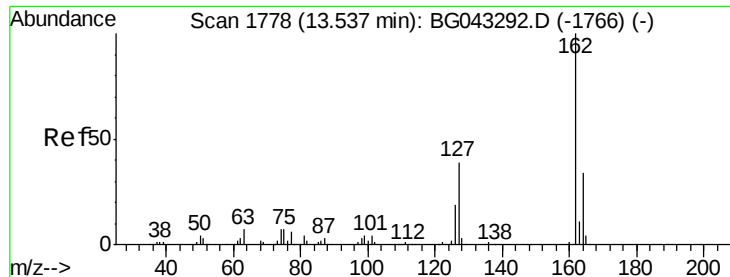
mohammad
10/26/2019 10:00:53 AM



#46
1,1'-Biphenyl
Concen: 41.311 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.0	61.0
76	9.6	0.0	29.8





#47

2-Chloronaphthalene

Concen: 41.734 ng

RT: 13.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

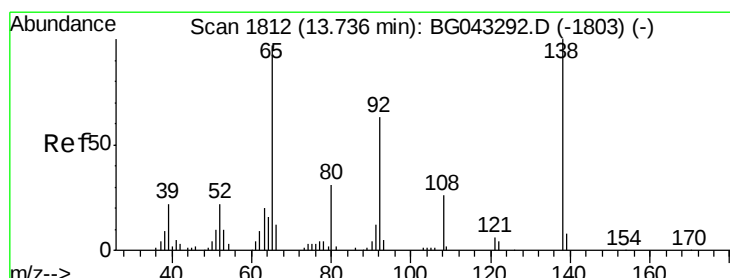
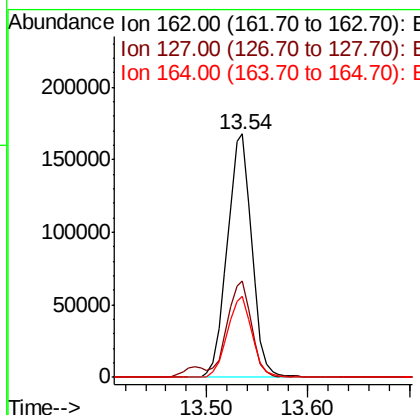
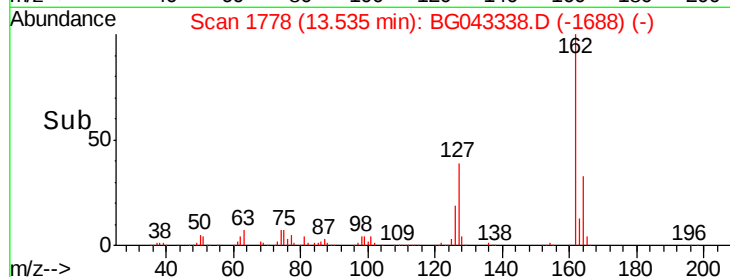
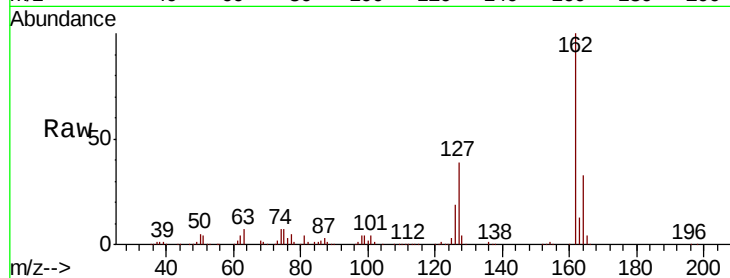
ClientSampleId :

PB124305BS

Tot Ion:	162	Resp:	281504
Ion Ratio		Lower	Upper
162	100		
127	39.4	31.3	46.9
164	33.3	26.8	40.2

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#48

2-Nitroaniline

Concen: 42.406 ng

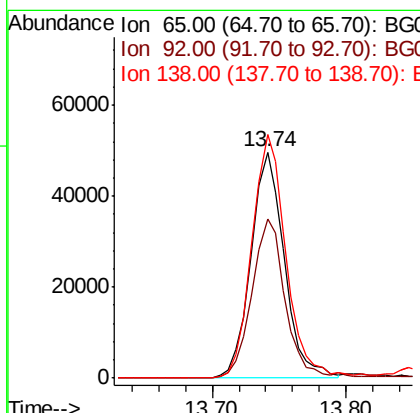
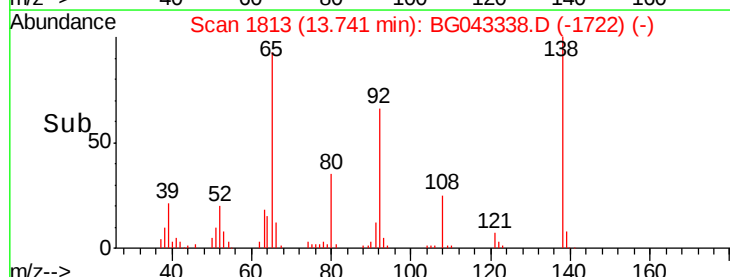
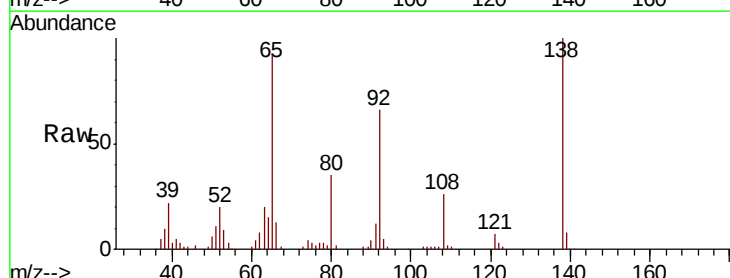
RT: 13.74 min Scan# 1813

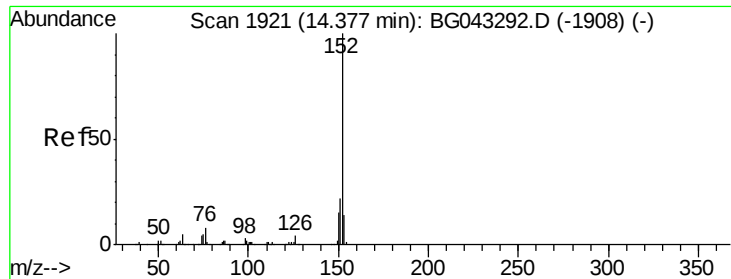
Delta R.T. 0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Tgt Ion:	65	Resp:	85491
Ion Ratio		Lower	Upper
65	100		
92	70.6	52.6	79.0
138	107.6	82.9	124.3





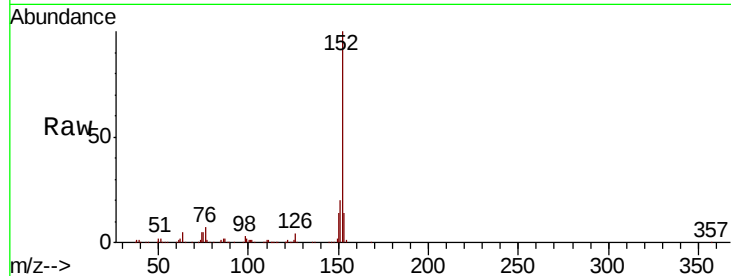
#49
Acenaphthylene
Concen: 43.963 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.2	25.8
153	14.0	11.0	16.6

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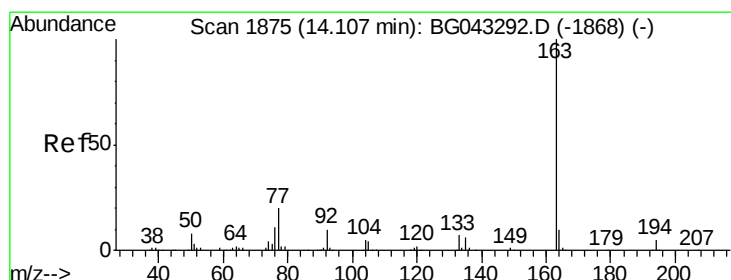
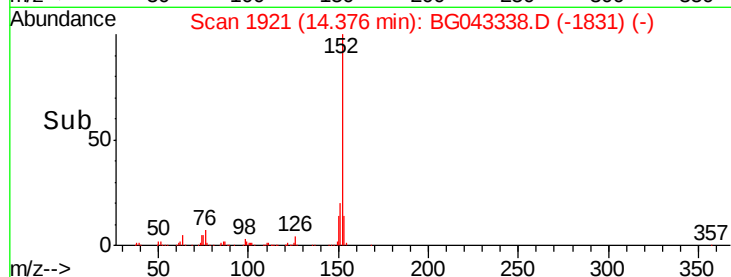
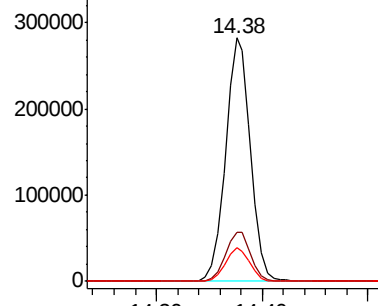


Abundance

Ion 152.00 (151.70 to 152.70): E

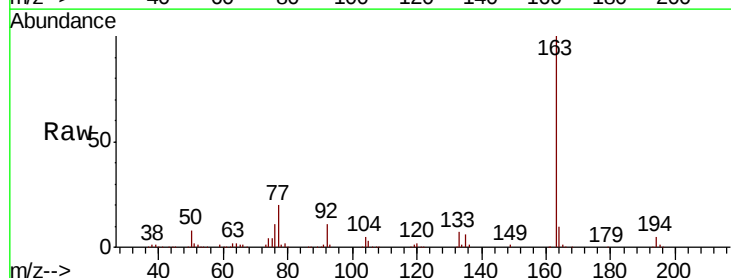
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 41.672 ng
RT: 14.11 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	9.9	8.1	12.1

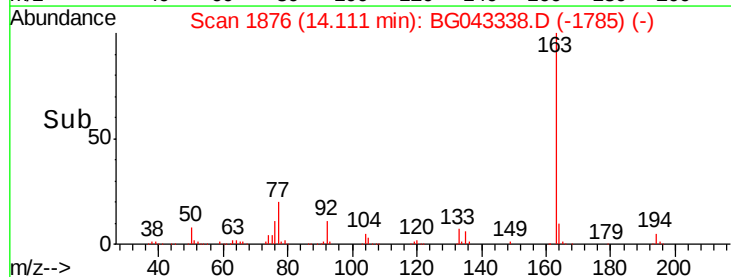
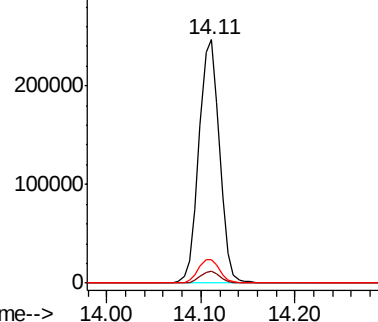


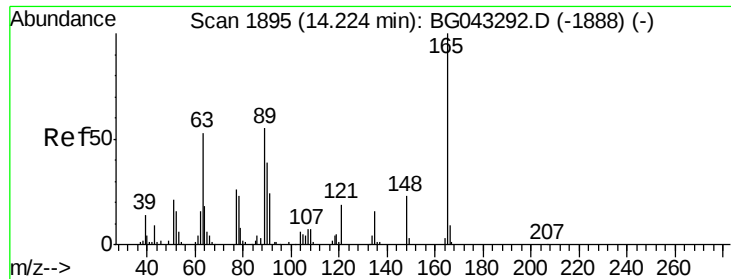
Abundance

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: 44.864 ng

RT: 14.23 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

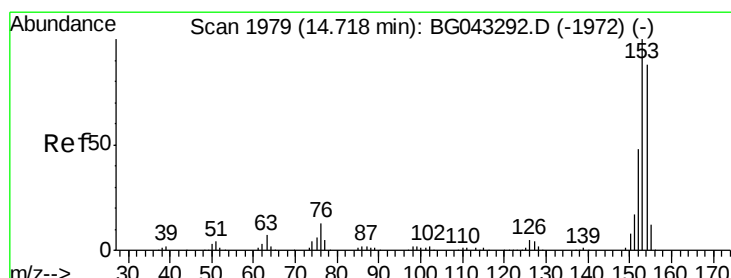
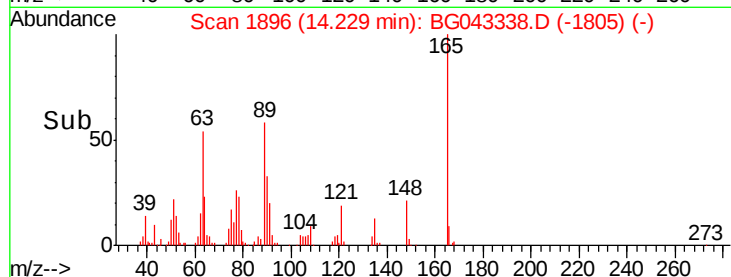
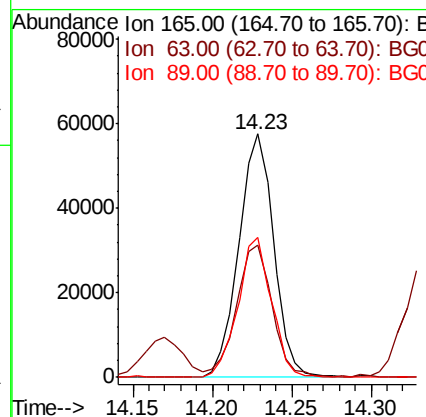
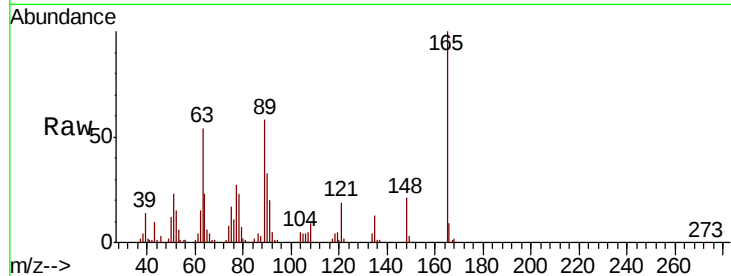
ClientSampleId :

PB124305BS

Tot Ion:	165	Resp:	87975
Ion Ratio	Lower	Upper	
165	100		
63	54.4	47.1	70.7
89	57.5	43.7	65.5

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#52

Acenaphthene

Concen: 42.200 ng

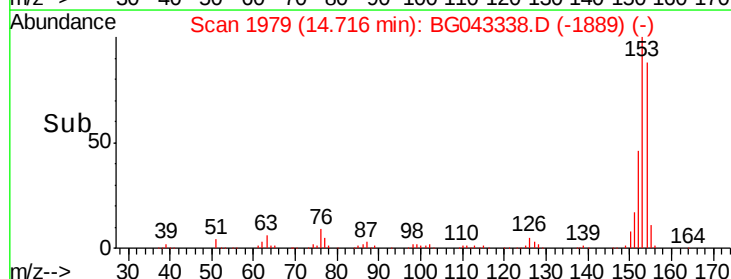
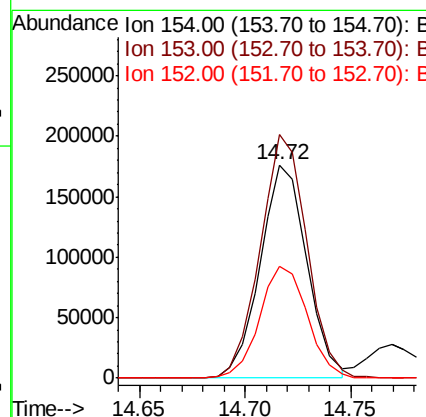
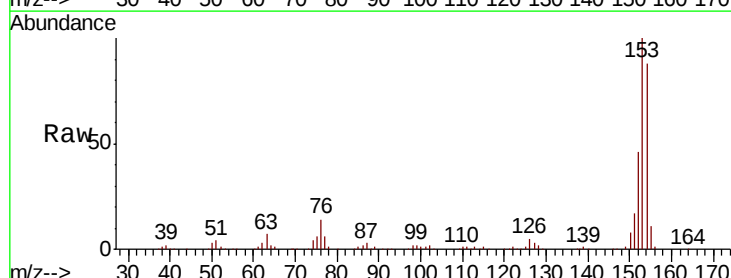
RT: 14.72 min Scan# 1979

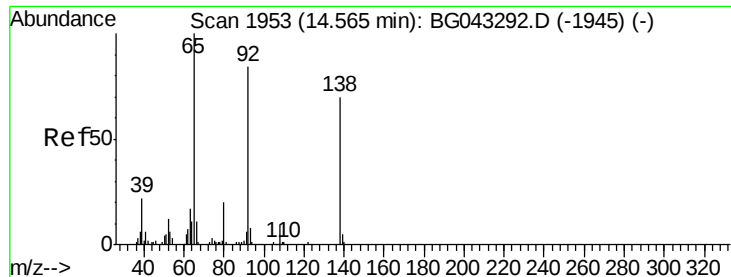
Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Tgt Ion:	154	Resp:	270168
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.9	136.3
152	52.3	43.9	65.9





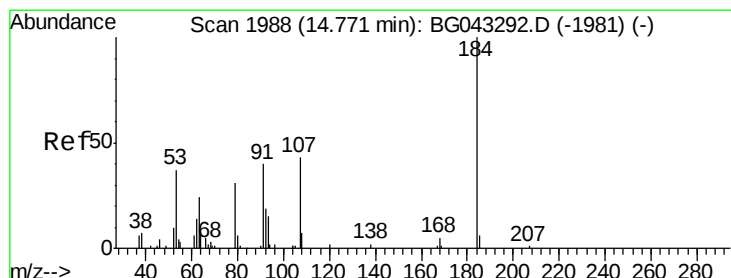
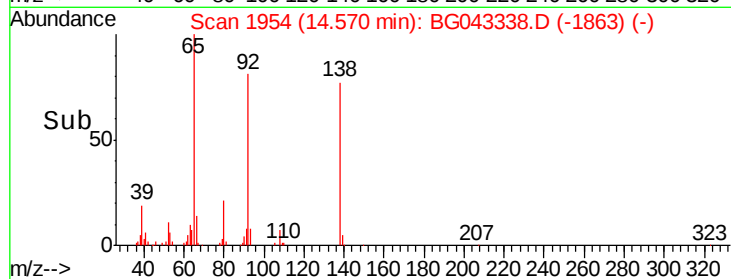
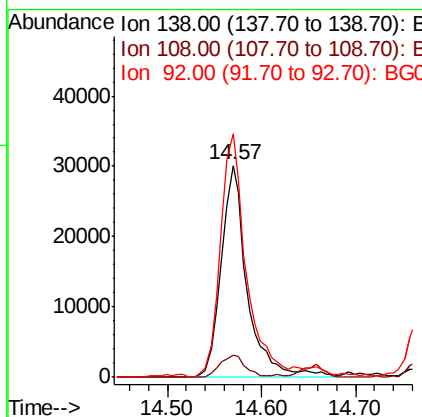
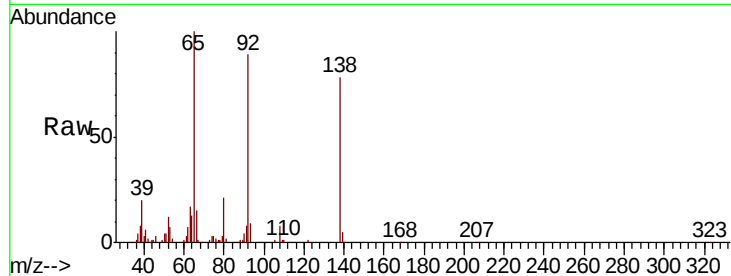
#53
3-Nitroaniline
Concen: 30.723 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion:138 Resp: 58167
Ion Ratio Lower Upper
138 100
108 10.3 9.8 14.6
92 115.0 95.8 143.6

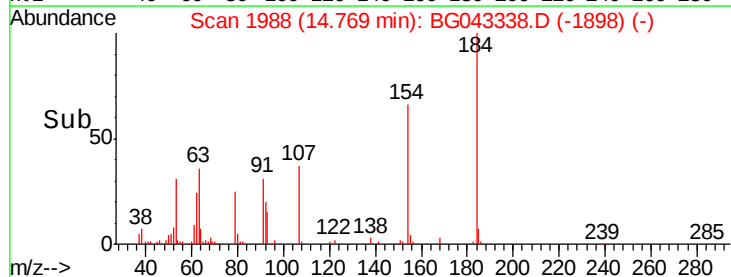
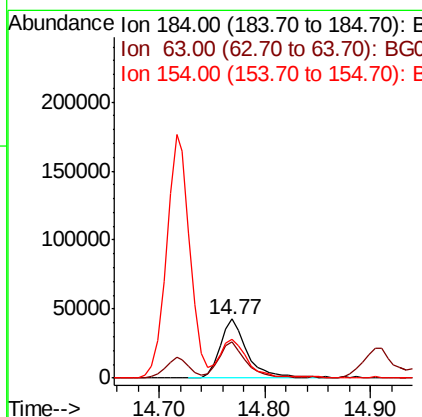
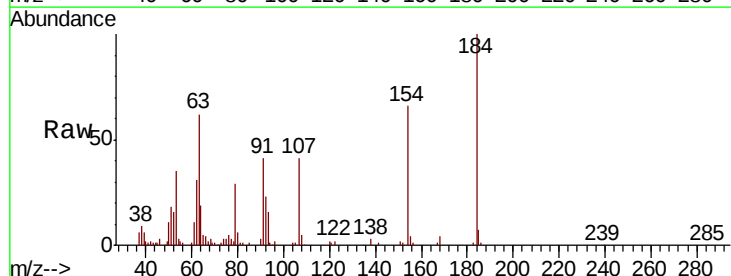
Manual Integrations
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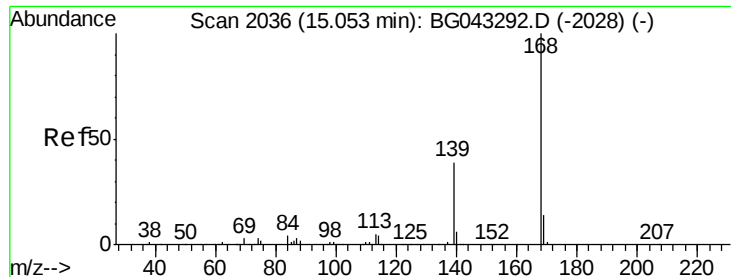
mohammad
10/26/2019 10:00:53 AM



#54
2,4-Dinitrophenol
Concen: 64.375 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion:184 Resp: 76912
Ion Ratio Lower Upper
184 100
63 62.2 48.8 73.2
154 66.2 49.4 74.0





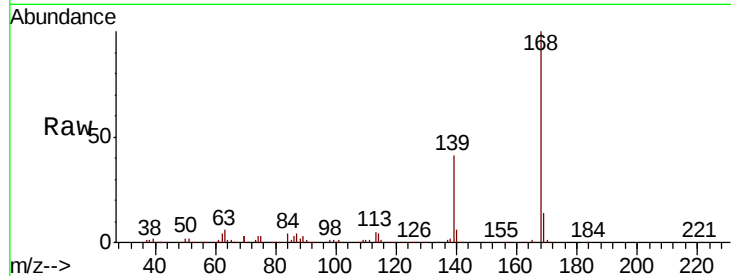
#55
Dibenzenofuran
Concen: 43.532 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	31.7	47.5
169	13.6	11.0	16.4

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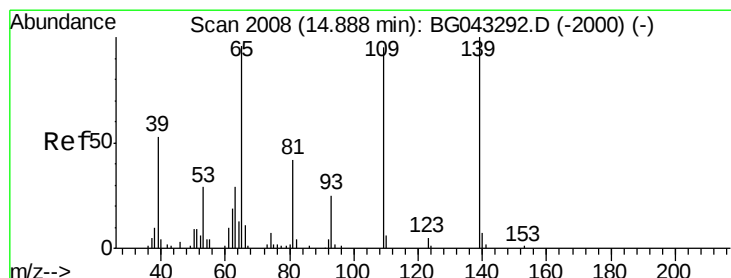
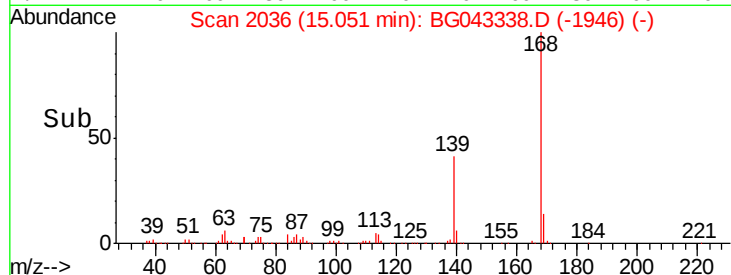
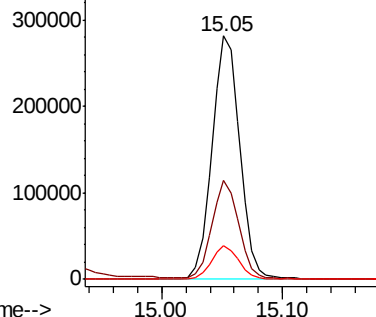


Abundance

Ion 168.00 (167.70 to 168.70): E

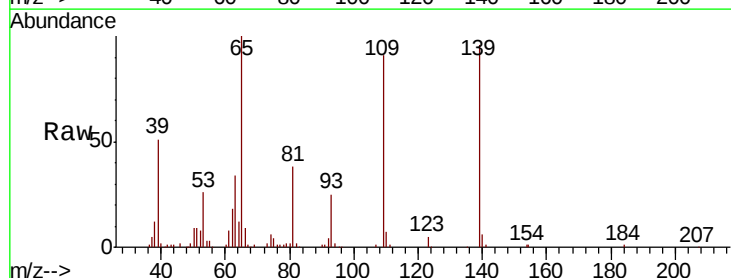
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 107.200 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.1	75.4	115.4
65	104.5	76.6	116.6

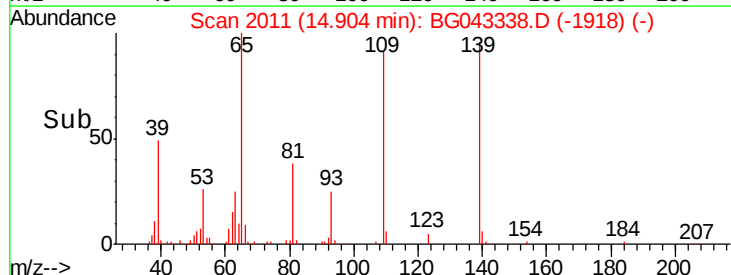
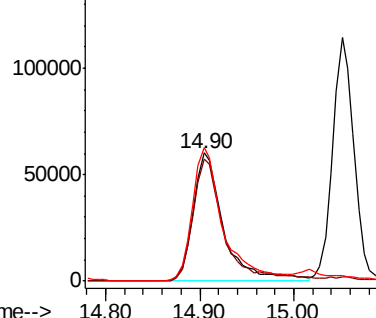


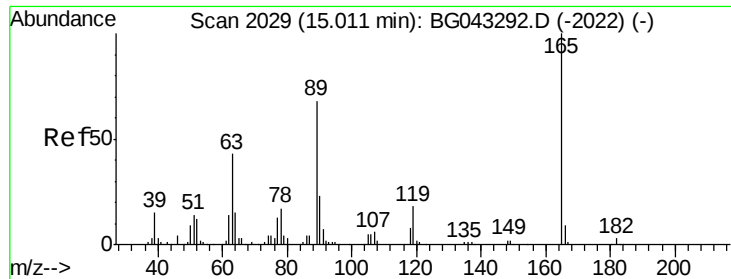
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





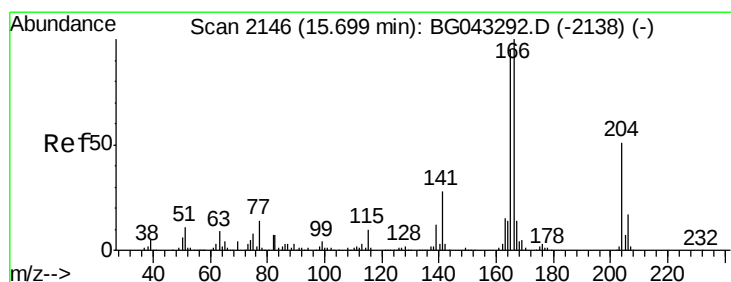
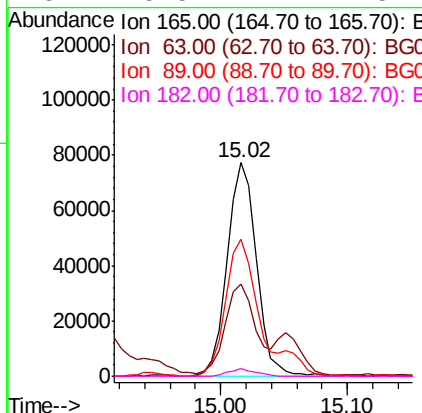
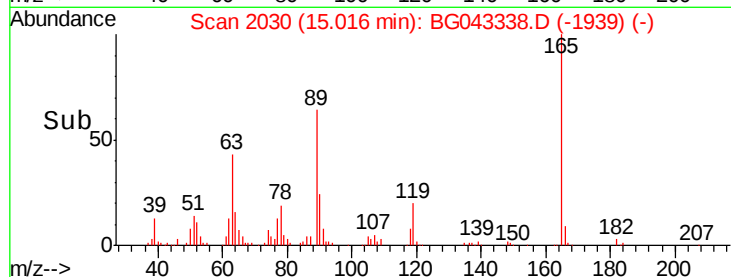
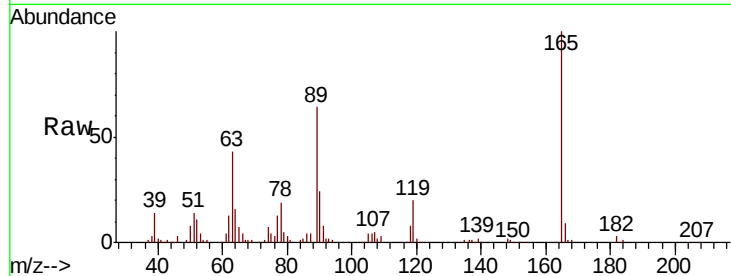
#57
2,4-Dinitrotoluene
Concen: 43.893 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	123006		
63	43.4	35.0	52.6	
89	63.9	54.1	81.1	
182	3.5	2.2	3.2	

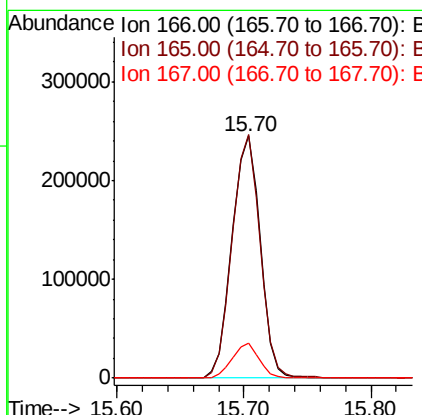
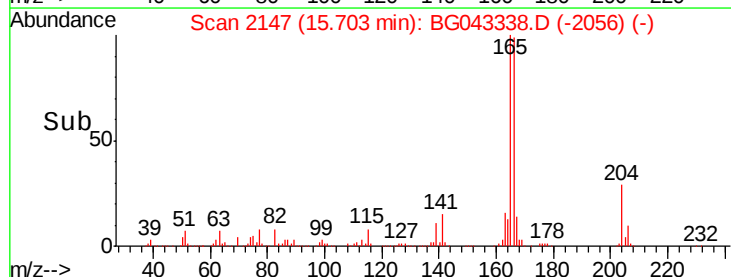
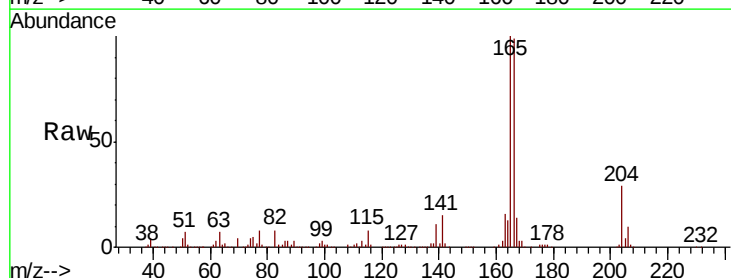
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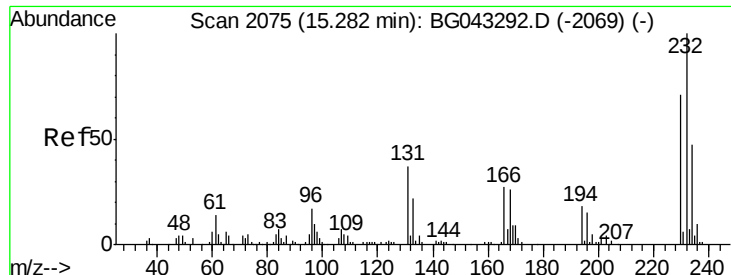
mohammad
10/26/2019 10:00:53 AM



#58
Fluorene
Concen: 43.331 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	377306		
165	100.6	76.4	114.6	
167	14.5	11.1	16.7	





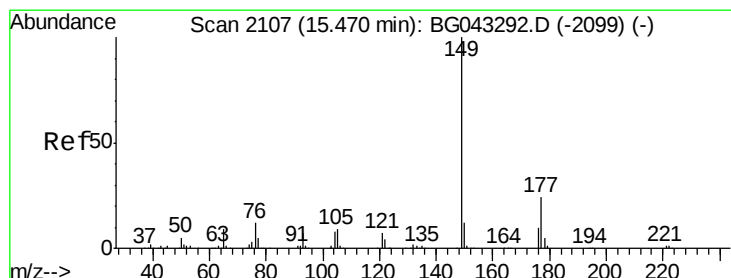
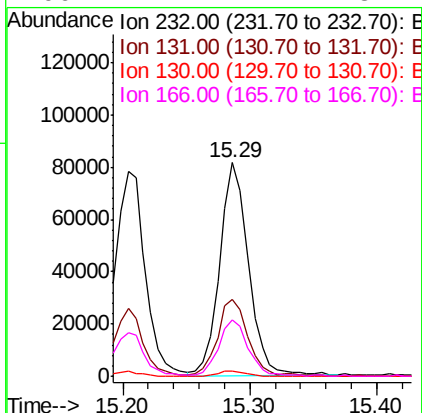
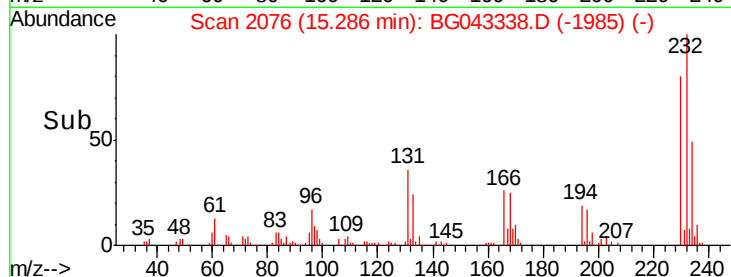
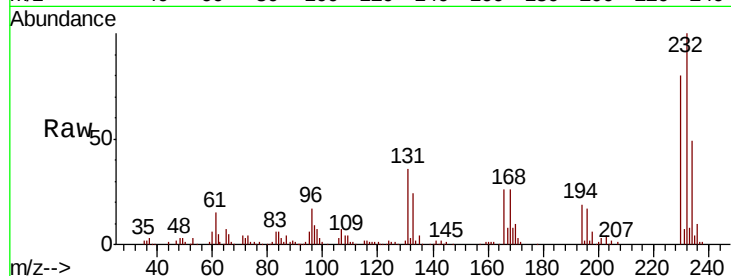
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.017 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043338.D
 Acq: 25 Oct 2019 14:11

Instrument :
 BNA_G
 ClientSampleId :
 PB124305BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	38.6	28.7	43.1
130	2.3	0.6	0.8
166	27.7	21.1	31.7

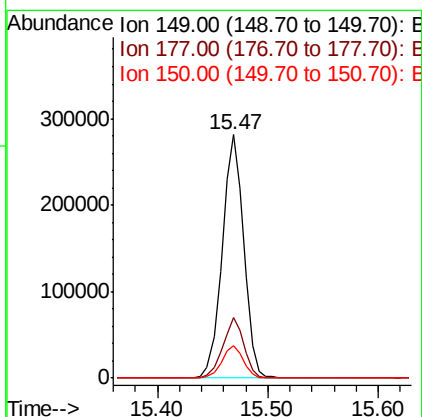
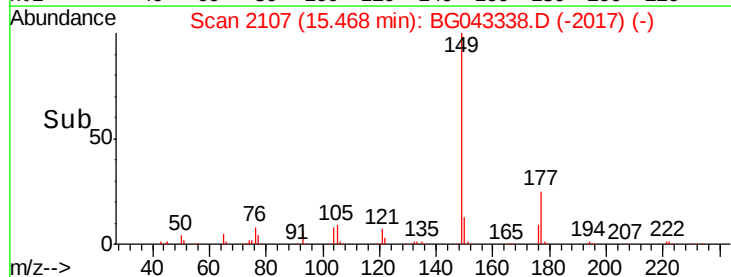
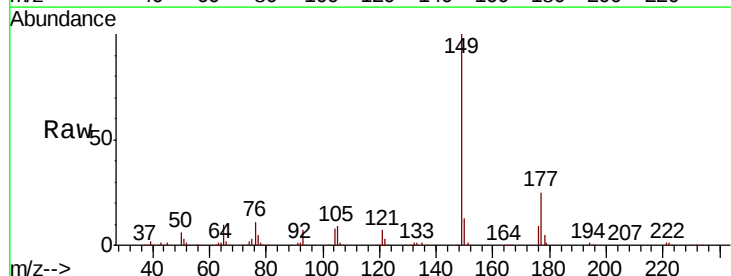
Manual Integrations
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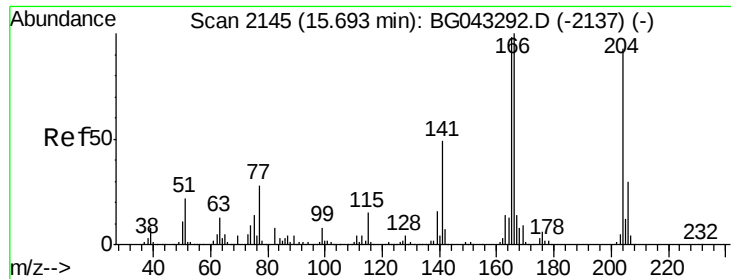
mohammad
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#60
 Diethylphthalate
 Concen: 42.209 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043338.D
 Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	24.8	19.0	28.4
150	13.5	9.4	14.0





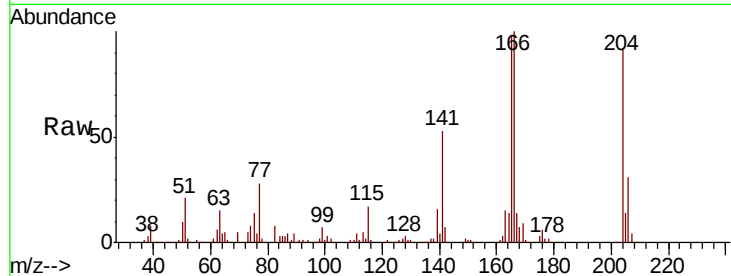
#61
 4-Chlorophenyl-phenylether
 Concen: 43.112 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG043338.D
 Acq: 25 Oct 2019 14:11

Instrument :
 BNA_G
 ClientSampleId :
 PB124305BS

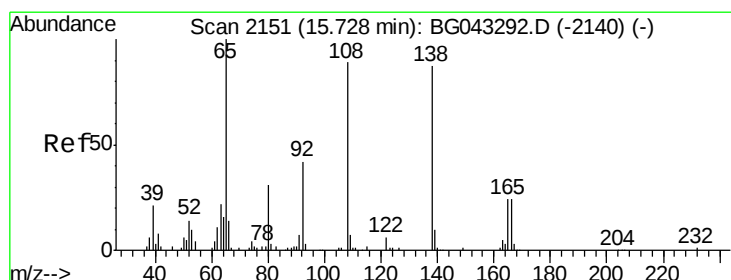
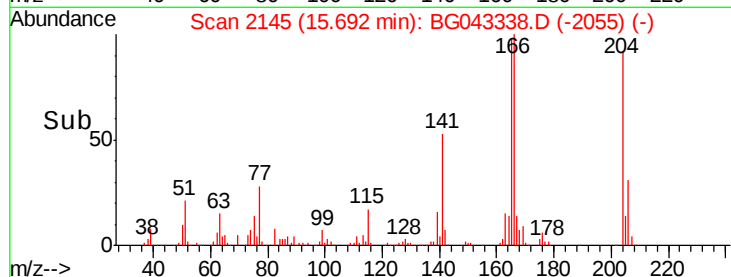
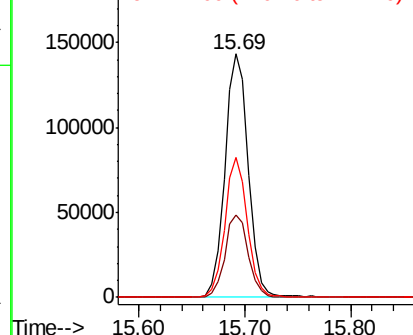
Tot Ion:	204	Resp:	218998
Ion Ratio	Lower	Upper	
204	100		
206	33.9	25.7	38.5
141	57.3	42.3	63.5

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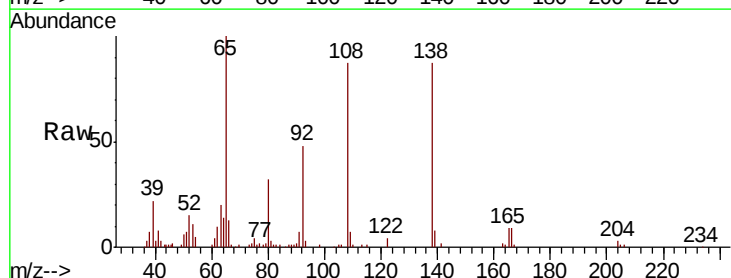


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

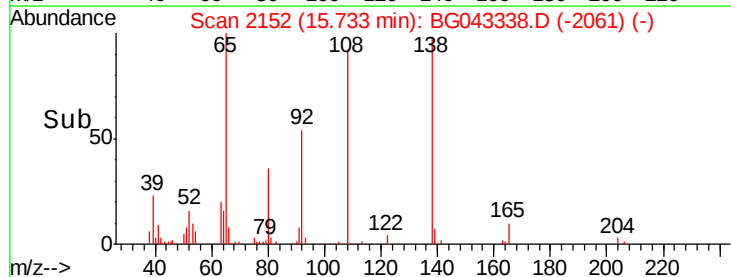
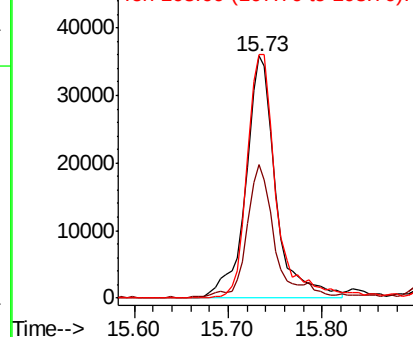


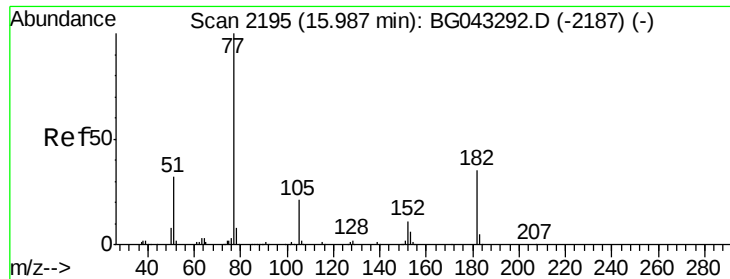
#62
 4-Nitroaniline
 Concen: 40.500 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG043338.D
 Acq: 25 Oct 2019 14:11

Tgt Ion:	138	Resp:	79187
Ion Ratio	Lower	Upper	
138	100		
92	55.2	28.8	68.8
108	100.7	82.7	122.7



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





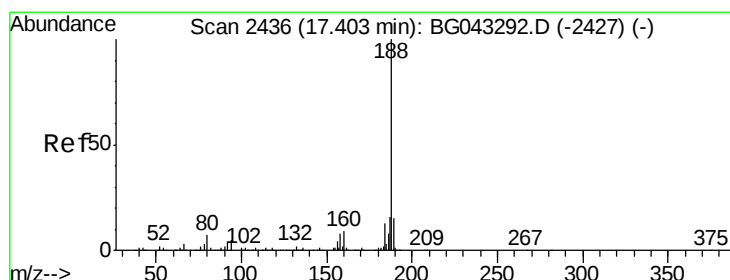
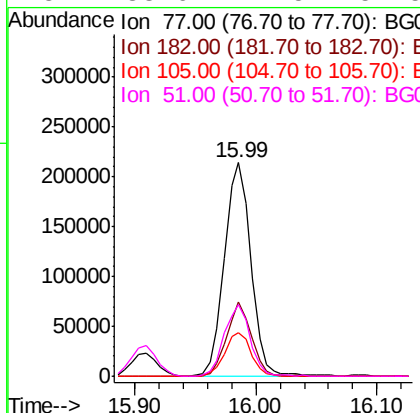
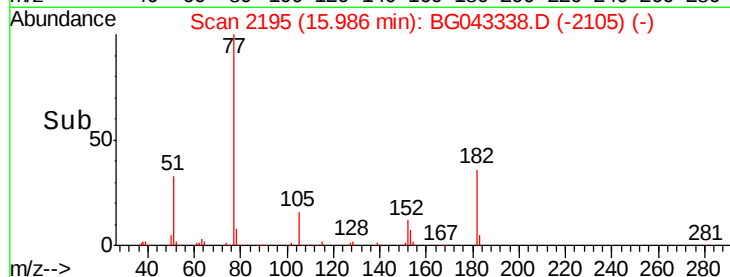
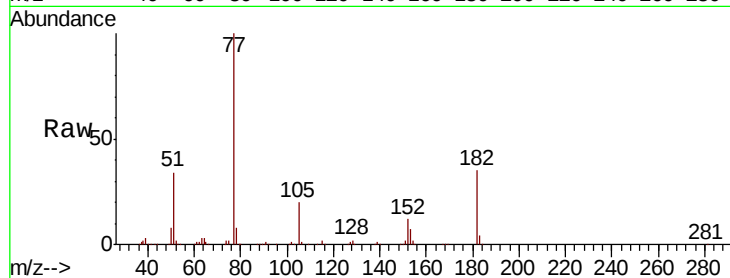
#63
Azobenzene
Concen: 44.125 ng
RT: 15.99 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	35.1	14.9	54.9
105	20.3	0.6	40.6
51	33.6	12.5	52.5

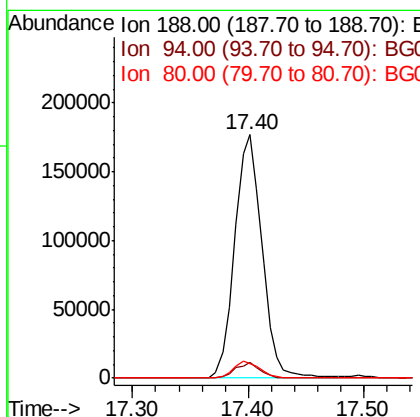
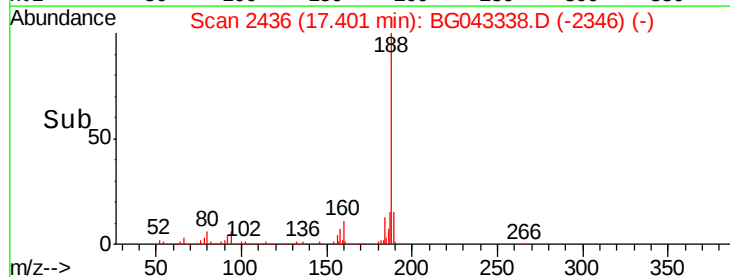
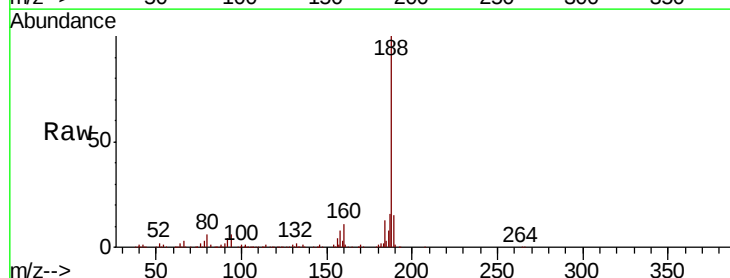
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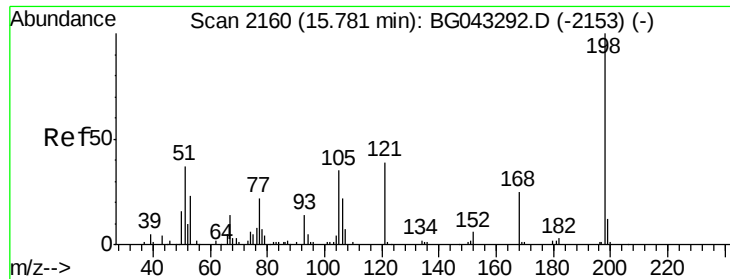
mohammad
10/26/2019 10:00:53 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	4.2	6.2#
80	6.0	5.2	7.8





#65

4,6-Dinitro-2-methylphenol

Concen: 36.828 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124305BS

Tot Ion:198 Resp: 62735

Ion Ratio Lower Upper

198 100

51 41.2 21.4 61.4

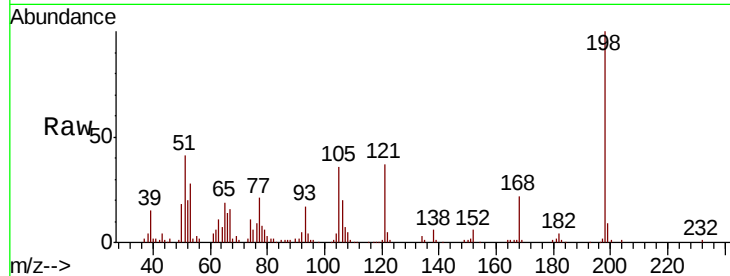
105 36.2 16.5 56.5

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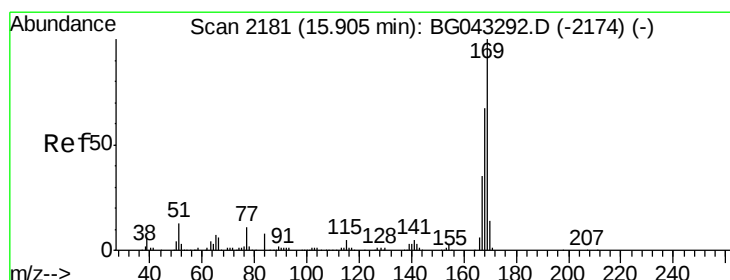
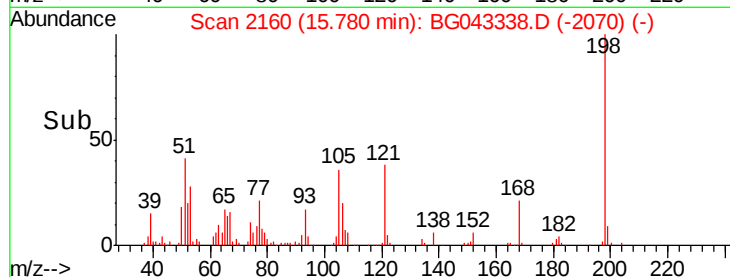
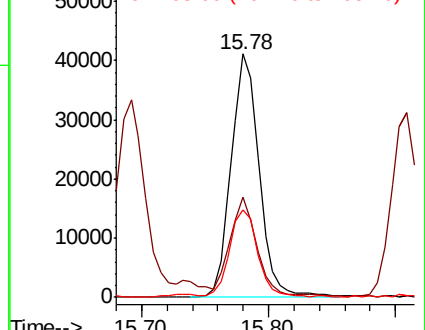
10/26/2019 10:00:53 AM



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: 42.249 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

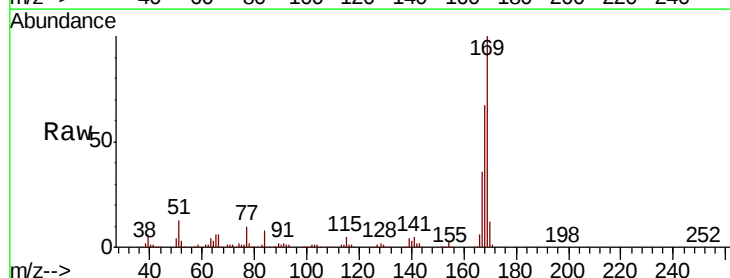
Tgt Ion:169 Resp: 345259

Ion Ratio Lower Upper

169 100

168 67.0 53.9 80.9

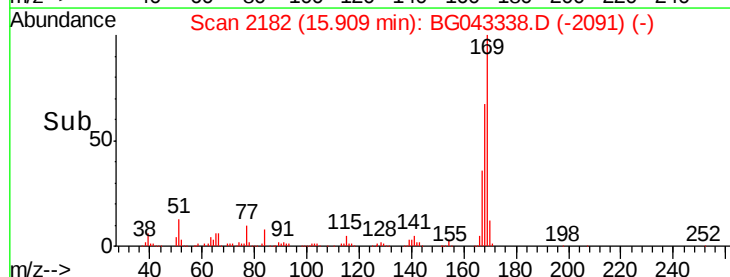
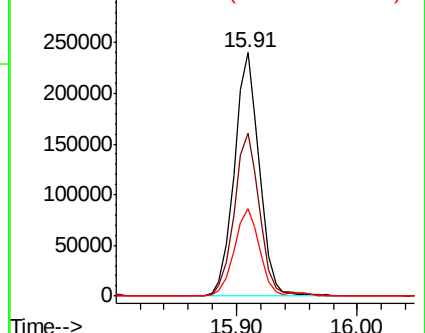
167 35.7 28.3 42.5

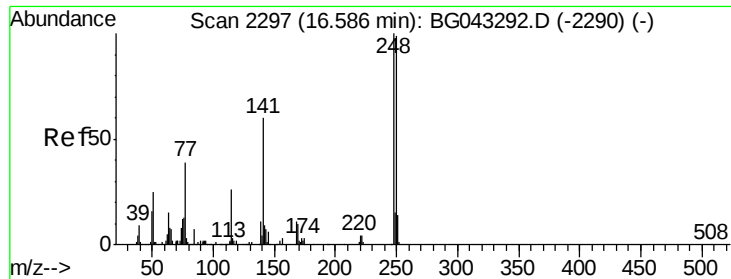


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





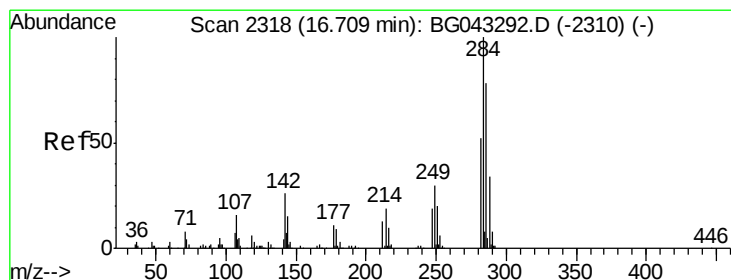
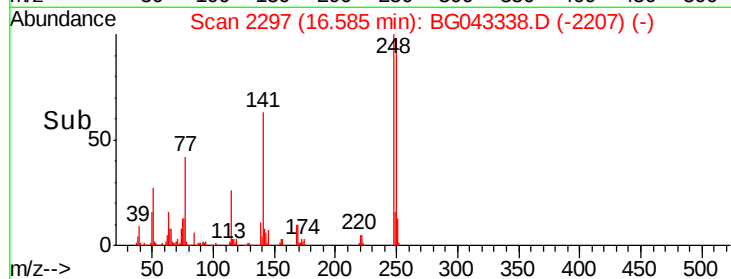
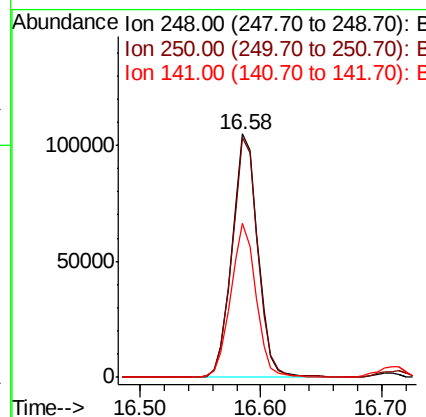
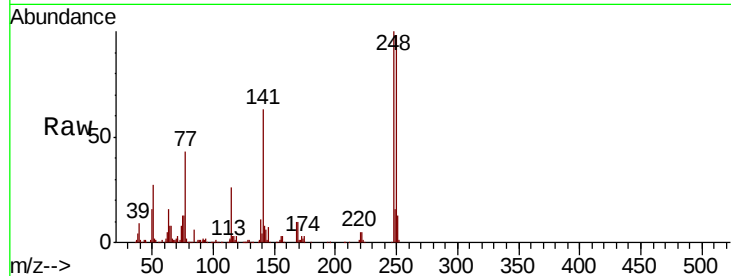
#67
4-Bromophenyl-phenylether
Concen: 39.997 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	79.3	118.9
141	63.0	47.9	71.9

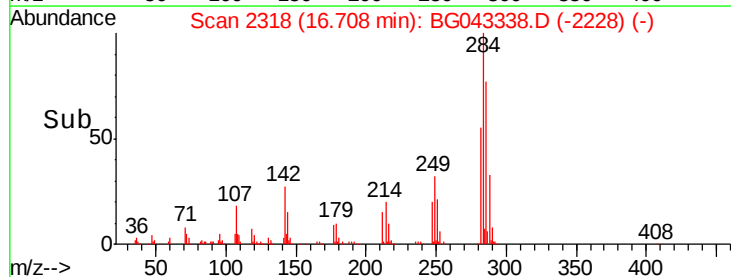
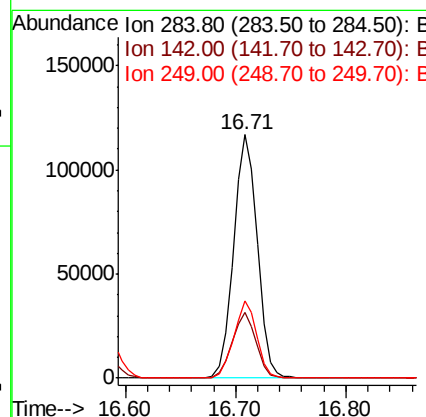
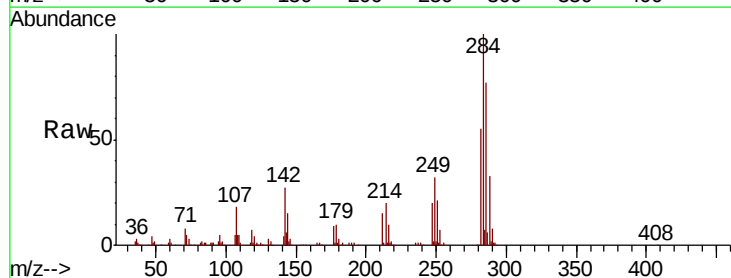
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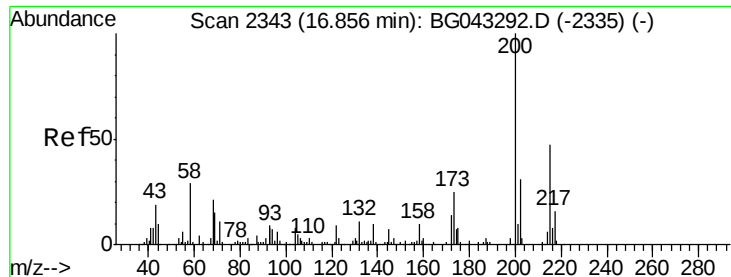
mohammad
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#68
Hexachlorobenzene
Concen: 39.276 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	21.1	31.7
249	31.7	24.4	36.6





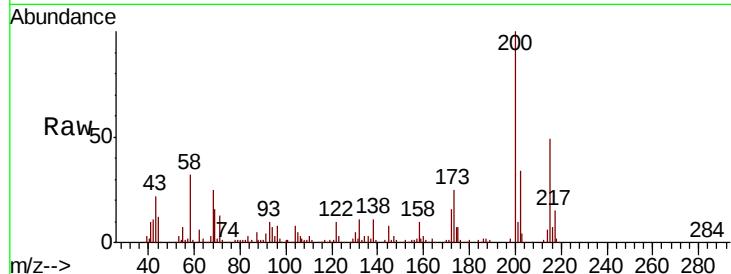
#69
Atrazine
Concen: 51.097 ng
RT: 16.86 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

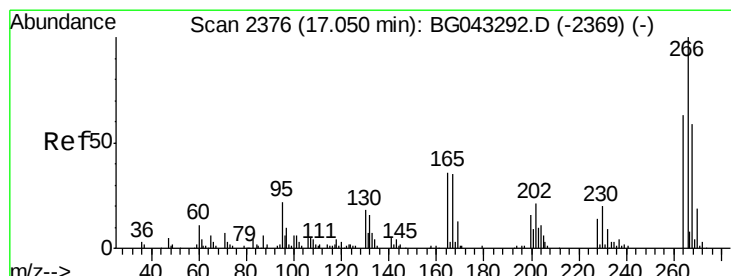
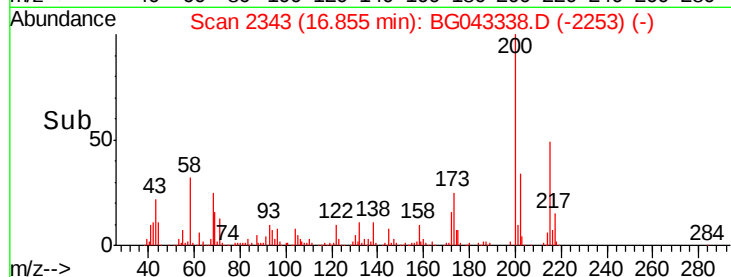
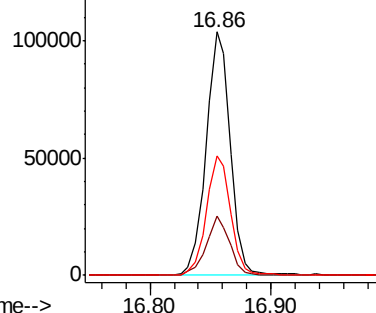
Tot Ion	Ratio	Resp	Lower	Upper
200	100	145095		
173	24.6	5.1	45.1	
215	49.3	26.6	66.6	

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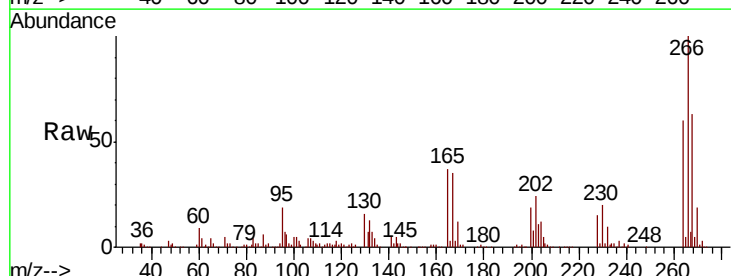


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

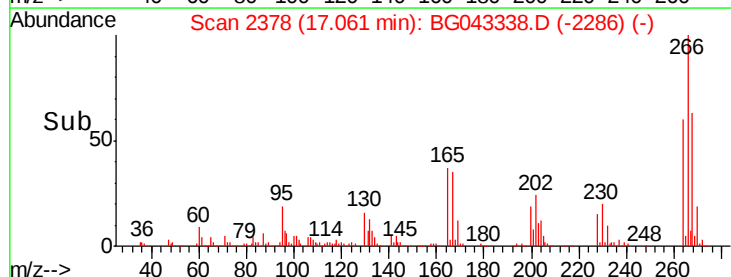
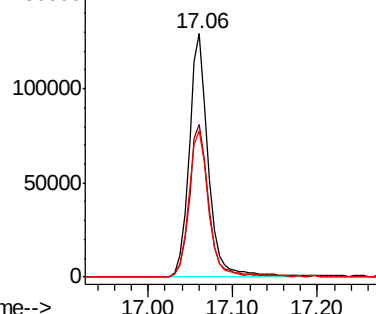


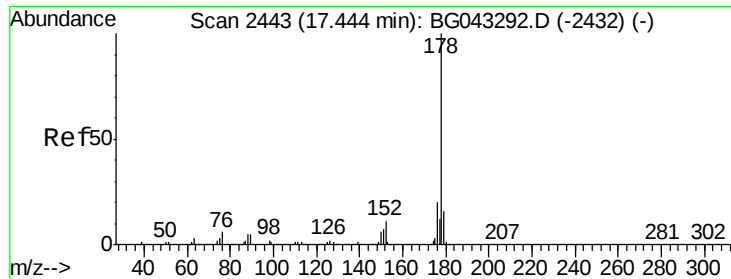
#70
Pentachlorophenol
Concen: 100.665 ng
RT: 17.06 min Scan# 2378
Delta R.T. 0.01 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	205100		
268	62.6	47.1	70.7	
264	60.1	50.4	75.6	



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





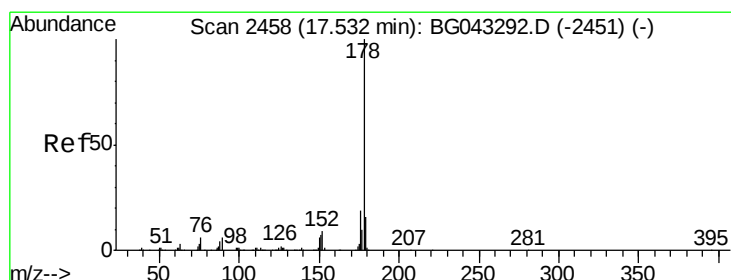
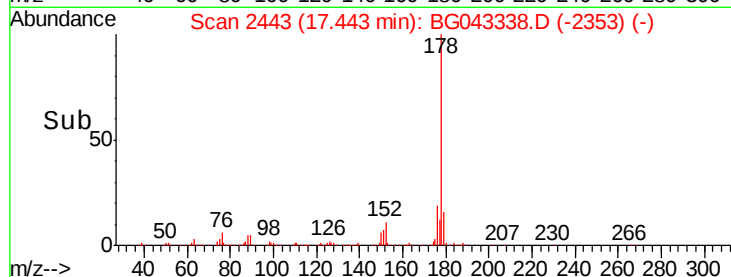
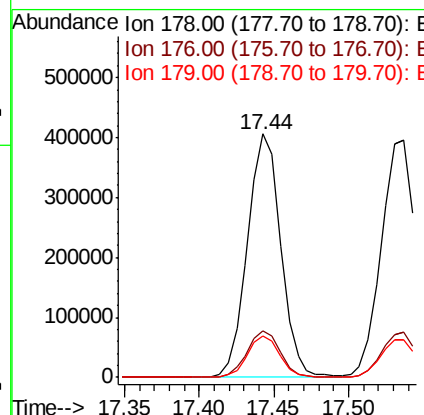
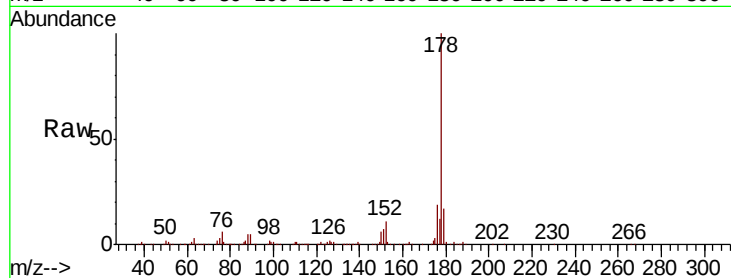
#71
Phenanthrene
Concen: 42.424 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		628818		
176	19.3	15.8	23.8		
179	16.8	13.1	19.7		

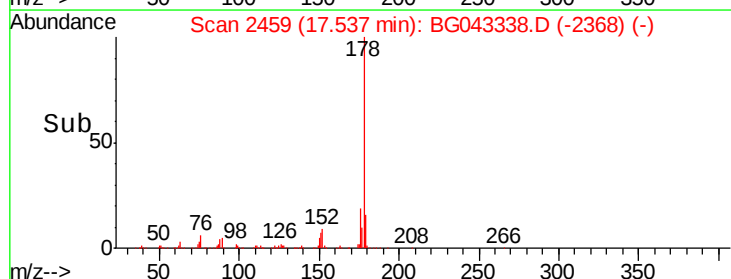
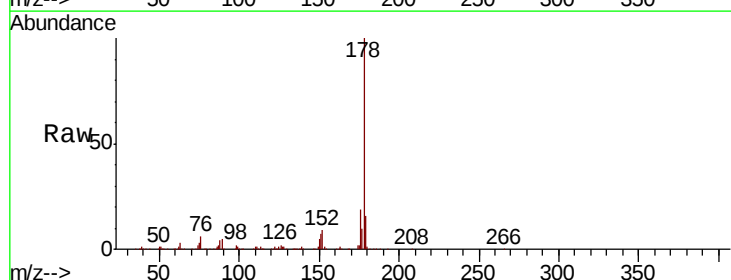
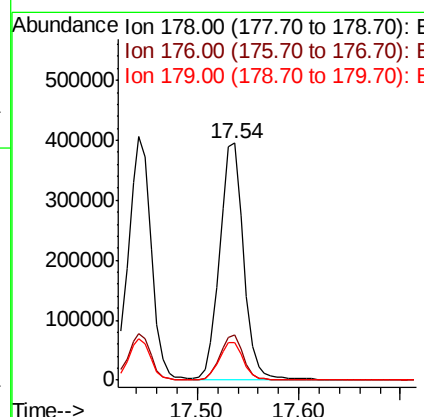
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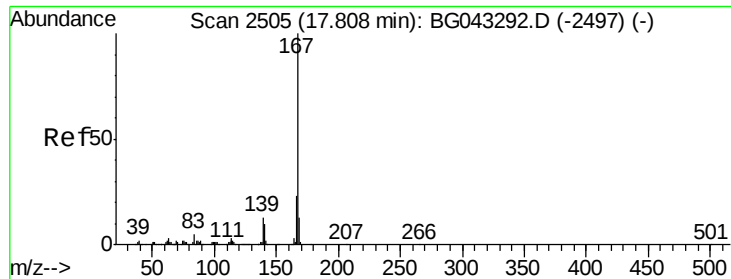
mohammad
10/26/2019 10:00:53 AM



#72
Anthracene
Concen: 43.533 ng
RT: 17.54 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		645584		
176	19.2	15.1	22.7		
179	16.0	13.0	19.6		





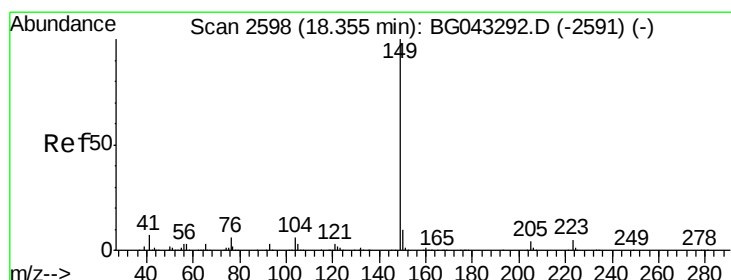
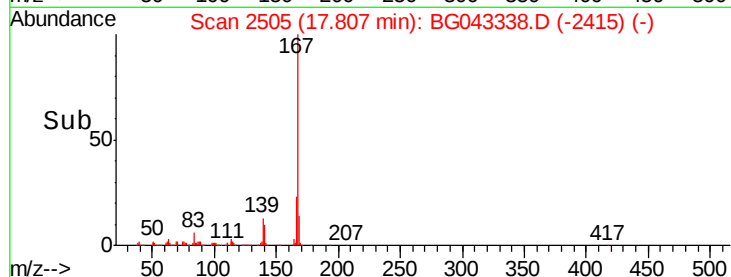
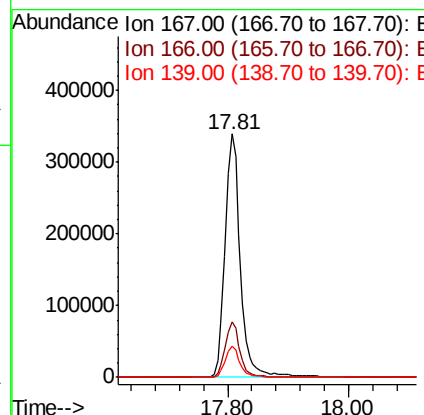
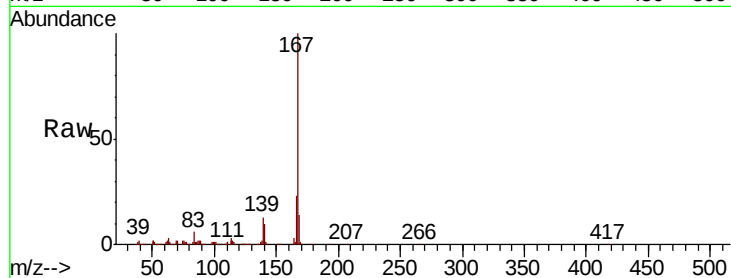
#73
 Carbazole
 Concen: 44.279 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG043338.D
 Acq: 25 Oct 2019 14:11

Instrument :
 BNA_G
 ClientSampleId :
 PB124305BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.4	27.6
139	12.9	10.2	15.4

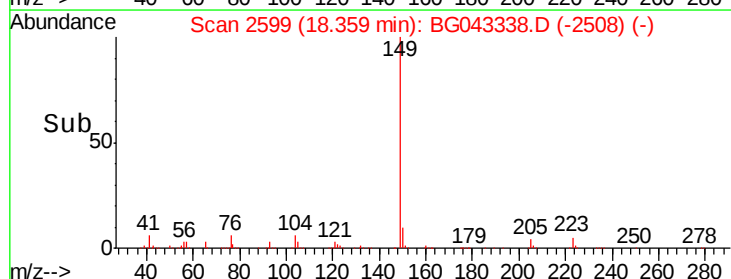
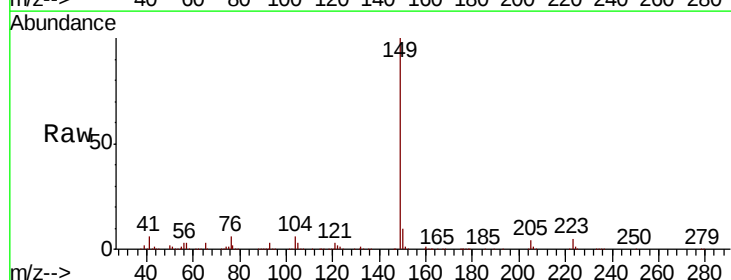
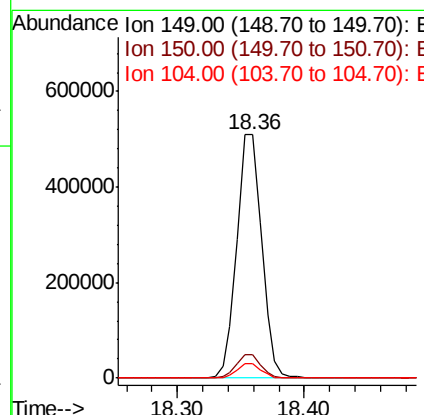
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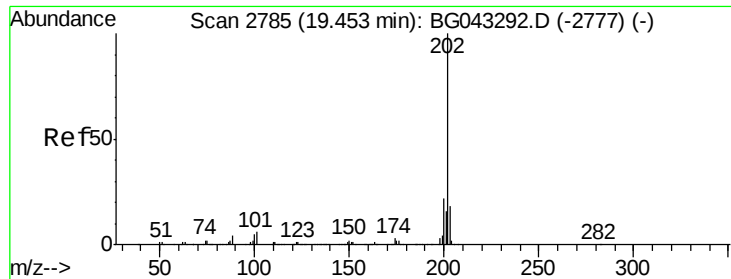
mohammad
 10/26/2019 10:00:53 AM



#74
 Di-n-butylphthalate
 Concen: 42.467 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. 0.00 min
 Lab File: BG043338.D
 Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	5.7	4.7	7.1





#75

Fluoranthene

Concen: 44.038 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

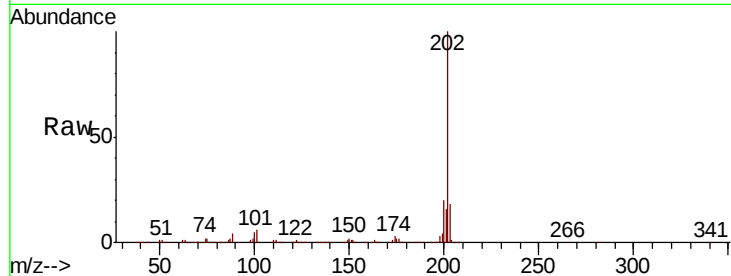
ClientSampleId :

PB124305BS

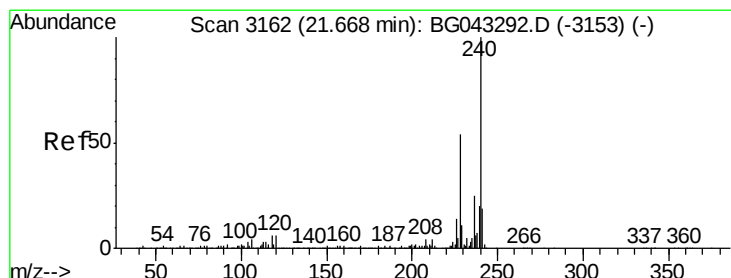
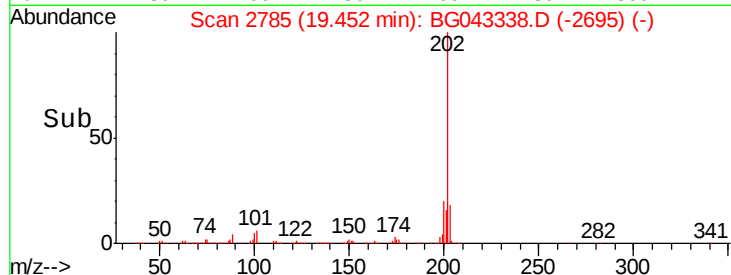
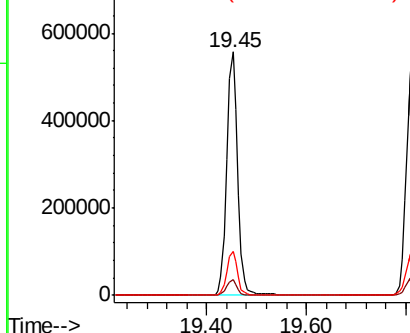
Tot Ion	Ratio	Resp	Lower	Upper
202	100	850971		
101	6.2	0.0	26.0	
203	18.2	0.0	38.2	

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



#76

Chrysene-d12

Concen: 20.000 ng

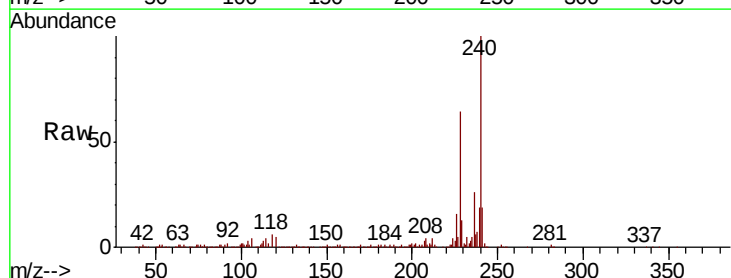
RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

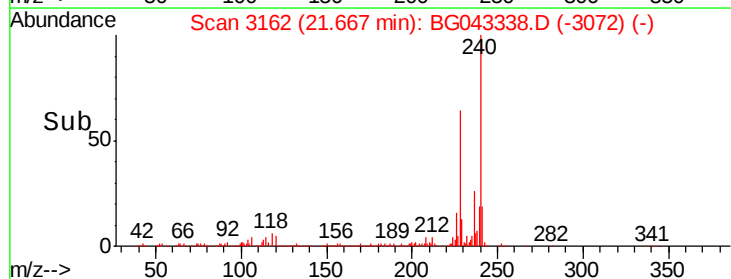
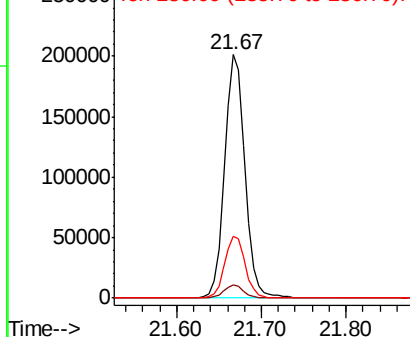
Lab File: BG043338.D

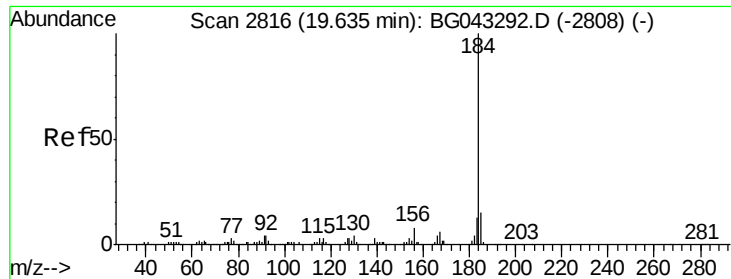
Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	331694		
120	5.2	4.6	7.0	
236	25.6	20.2	30.4	



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





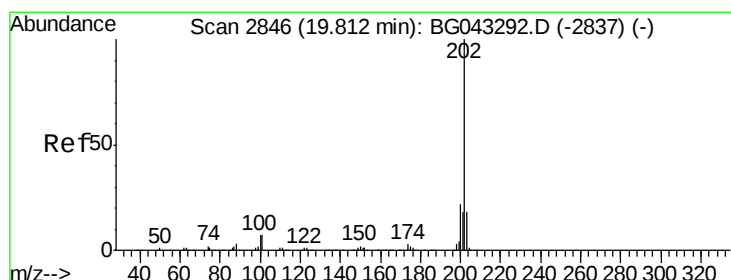
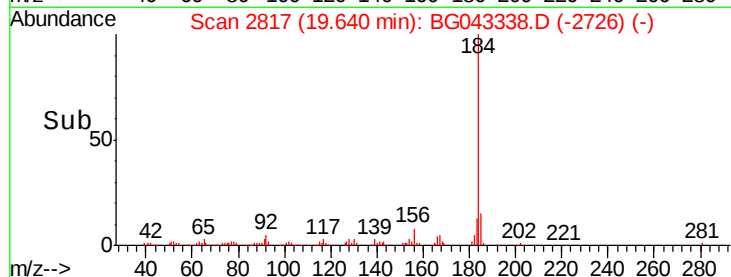
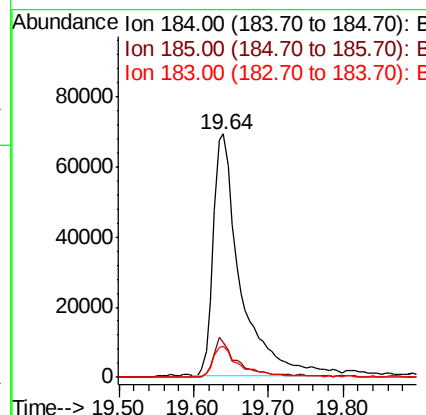
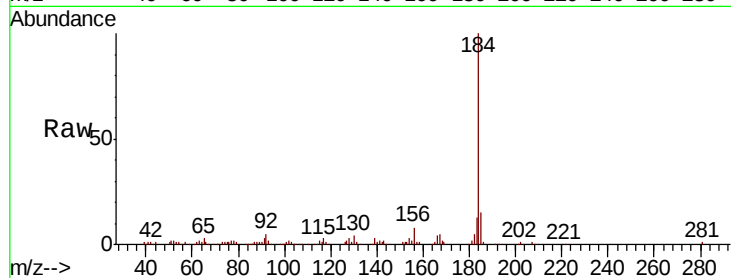
#77
Benzidine
Concen: 26.209 ng
RT: 19.64 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.6
183	12.6	10.6	16.0

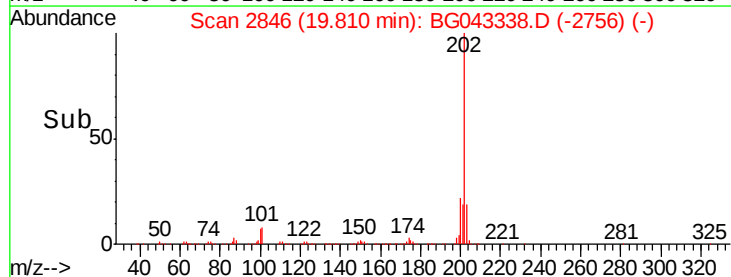
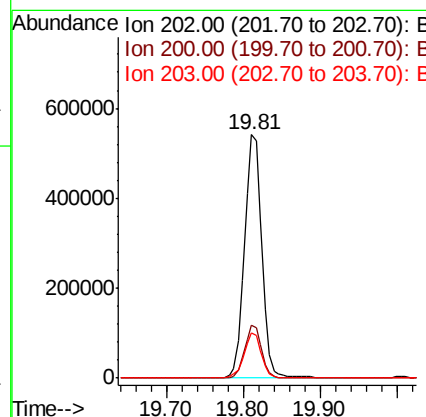
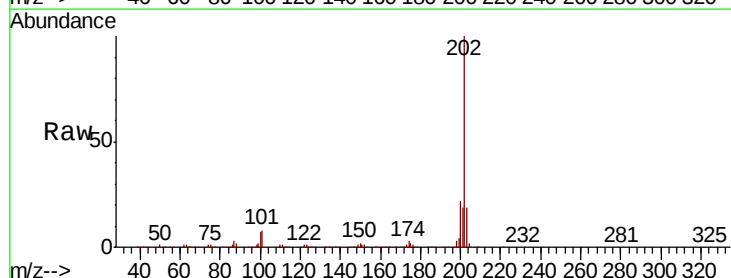
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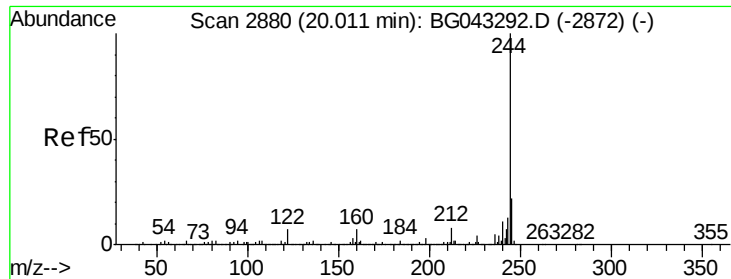
mohammad
10/26/2019 10:00:53 AM



#78
Pyrene
Concen: 41.735 ng
RT: 19.81 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.3	25.9
203	18.5	14.5	21.7





#79

Terphenyl-d14

Concen: 62.286 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124305BS

Tot Ion:244 Resp: 1101249

Ion Ratio Lower Upper

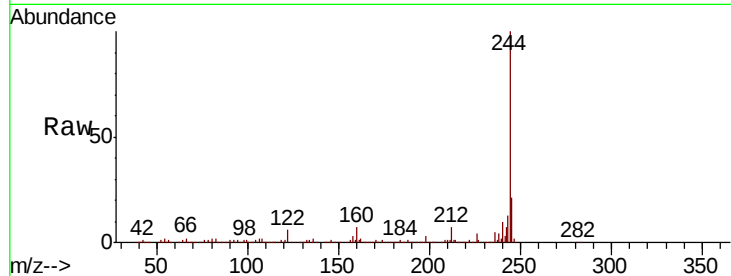
244 100

212 7.3 6.4 9.6

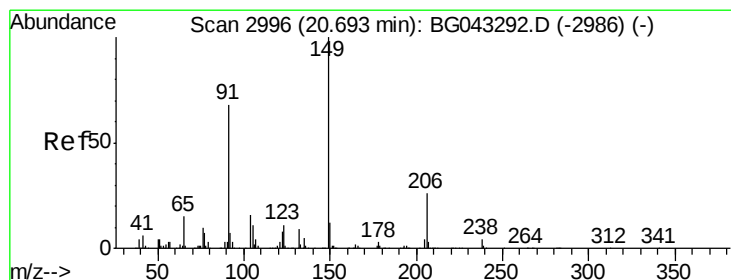
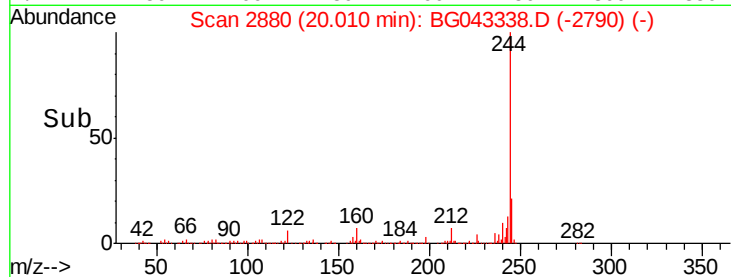
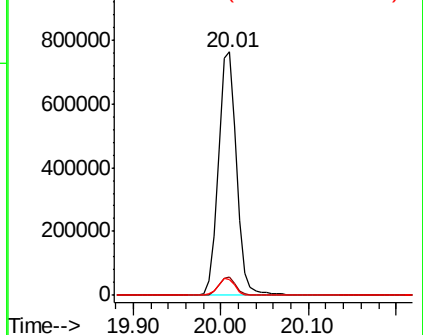
122 6.3 5.3 7.9

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



#80

Butylbenzylphthalate

Concen: 40.933 ng

RT: 20.70 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

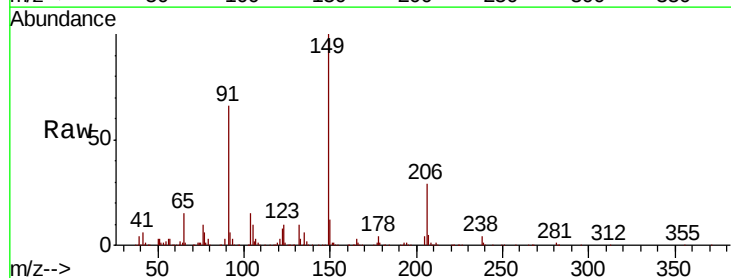
Tgt Ion:149 Resp: 318396

Ion Ratio Lower Upper

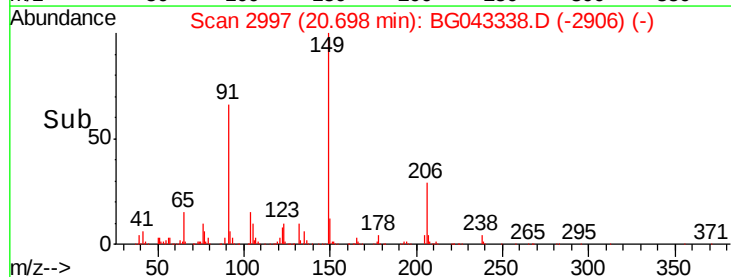
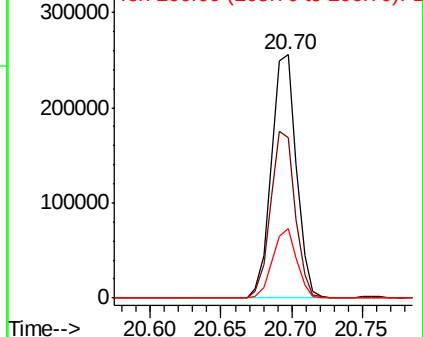
149 100

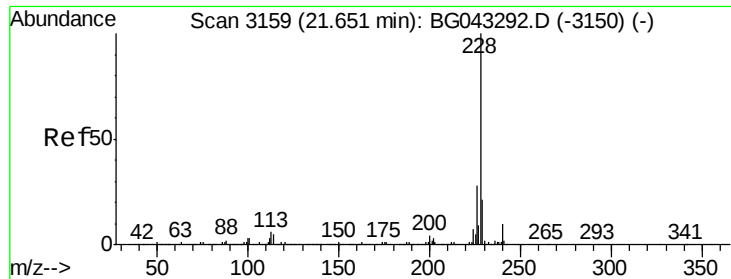
91 66.0 54.6 82.0

206 28.7 20.5 30.7



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





#81

Benzo(a)anthracene

Concen: 42.303 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

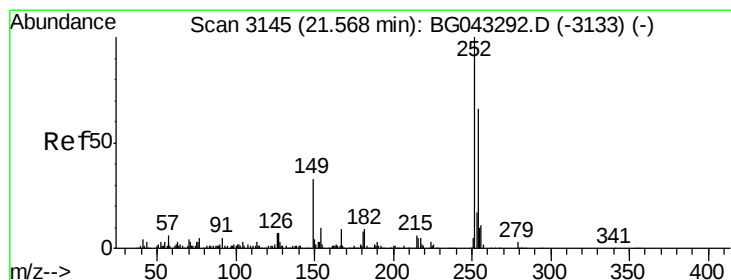
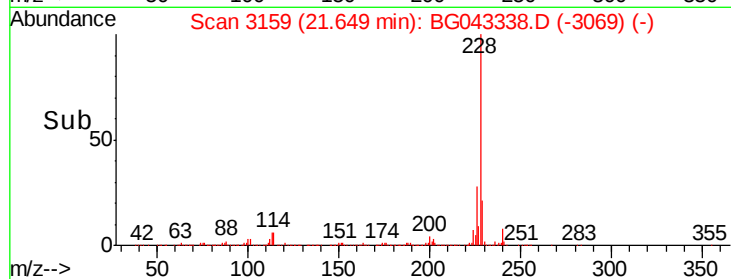
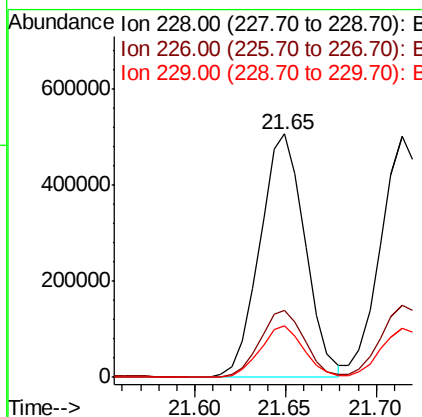
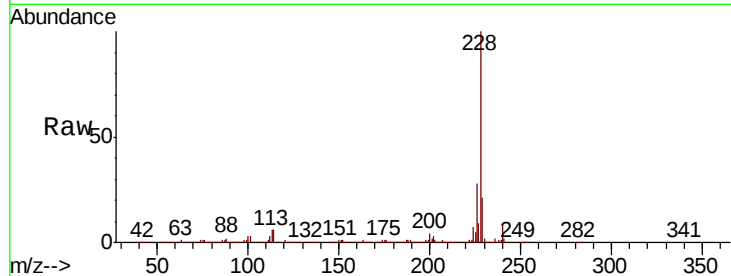
ClientSampleId :

PB124305BS

Tot Ion:	228	Resp:	878932
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.2	33.4
229	21.0	16.9	25.3

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#82

3,3'-Dichlorobenzidine

Concen: 37.917 ng

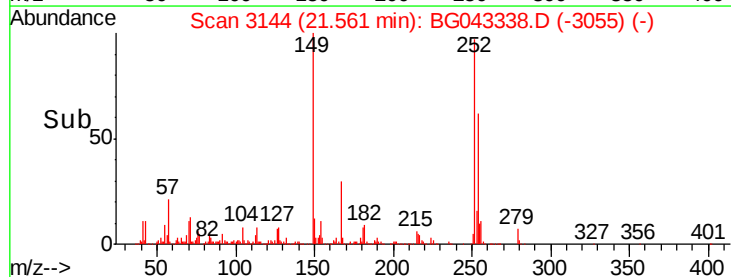
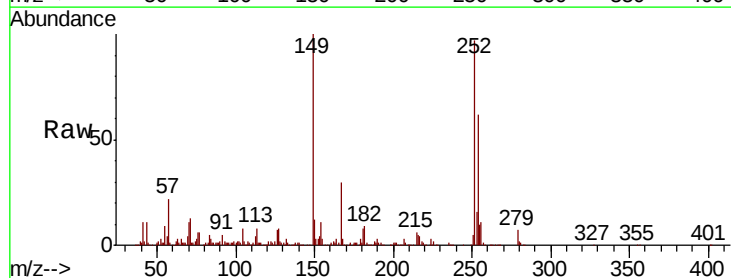
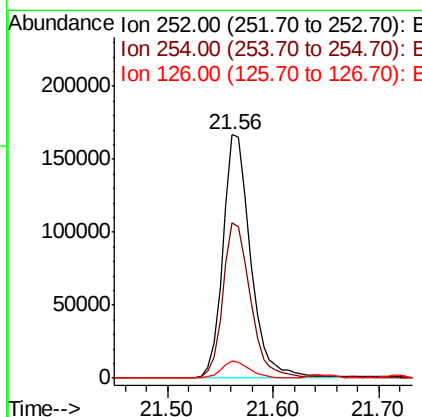
RT: 21.56 min Scan# 3144

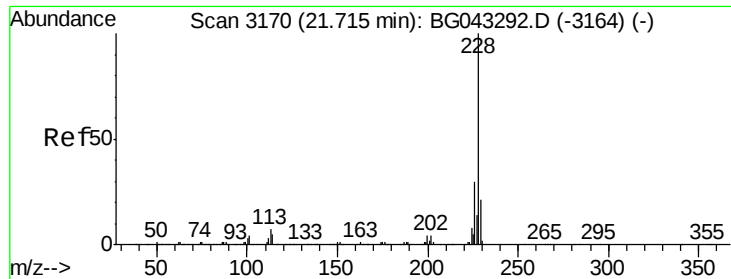
Delta R.T. -0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Tgt Ion:	252	Resp:	304708
Ion Ratio	Lower	Upper	
252	100		
254	63.6	52.7	79.1
126	7.2	5.6	8.4





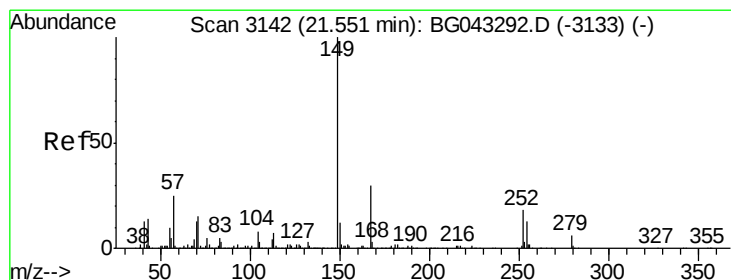
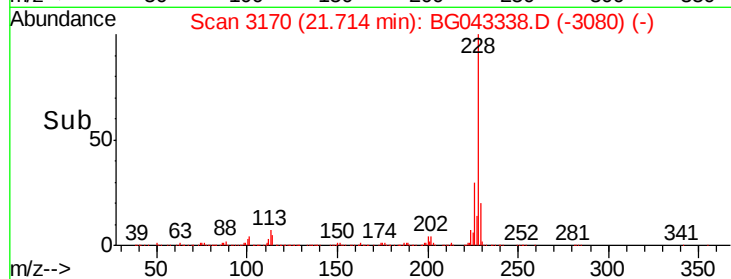
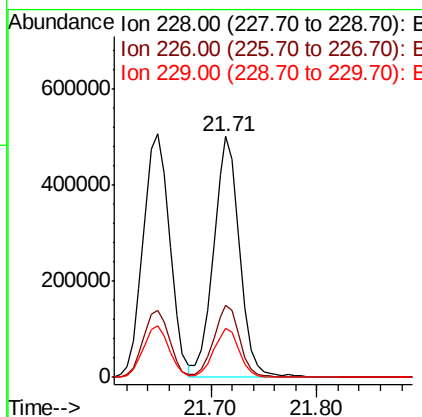
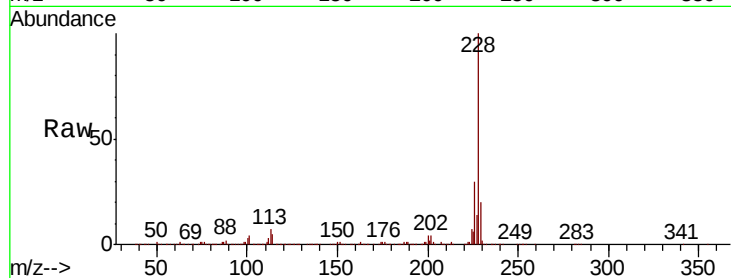
#83
 Chrysene
 Concen: 41.386 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG043338.D
 Acq: 25 Oct 2019 14:11

Instrument :
 BNA_G
 ClientSampleId :
 PB124305BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	20.2	16.3	24.5

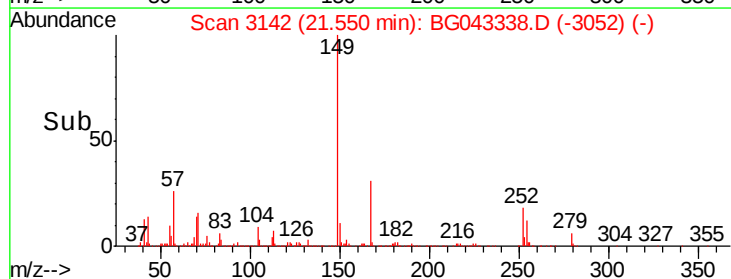
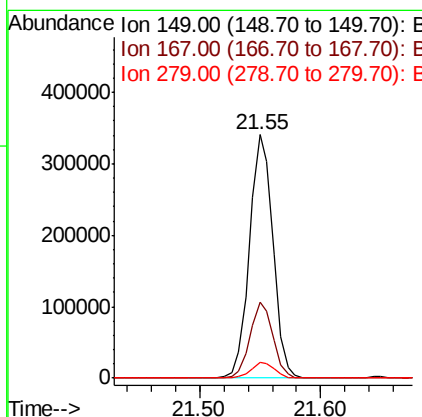
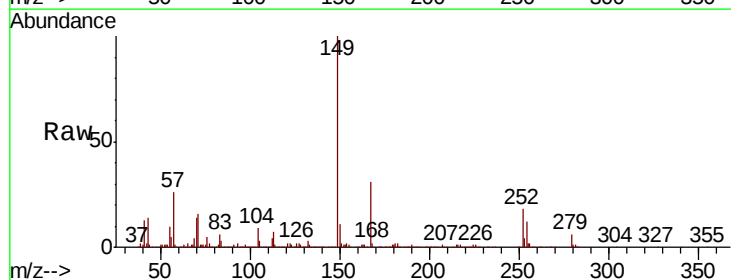
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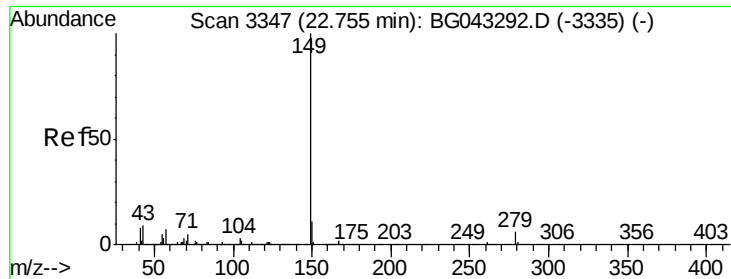
mohammad
 10/26/2019 10:00:53 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.829 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG043338.D
 Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.2	23.9	35.9
279	6.4	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 42.499 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

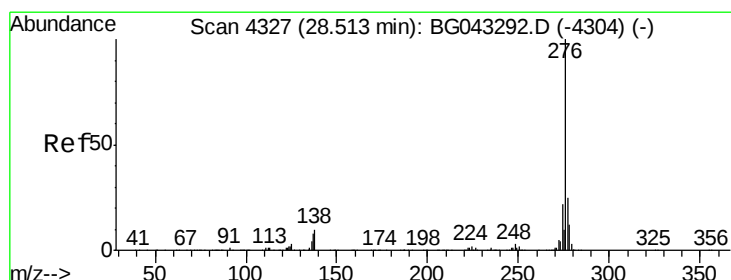
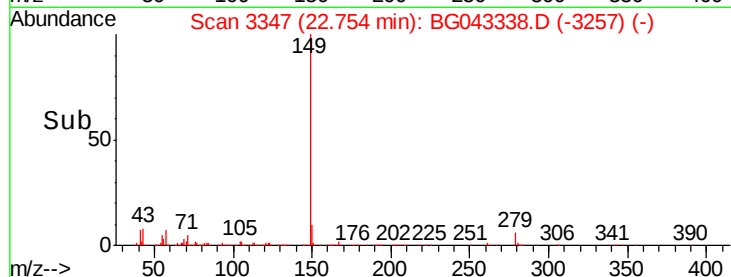
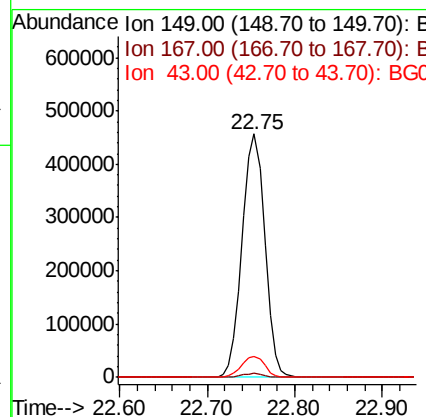
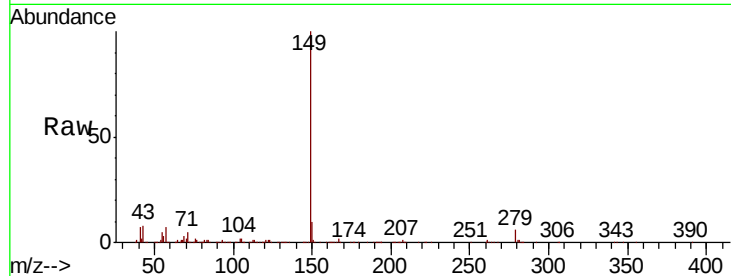
ClientSampleId :

PB124305BS

Tot Ion:	149	Resp:	796695
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	8.6	6.9	10.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.595 ng

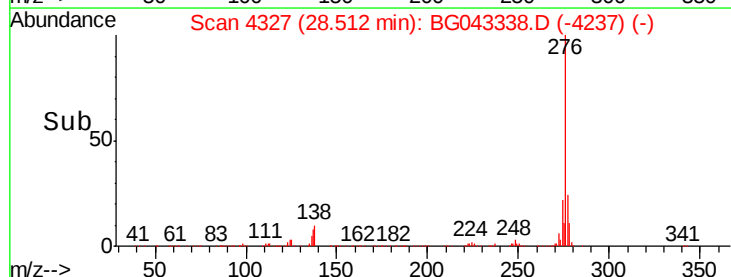
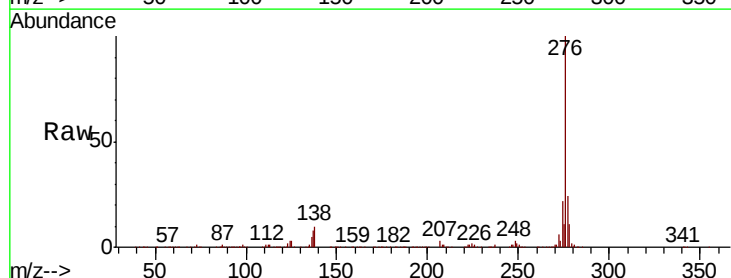
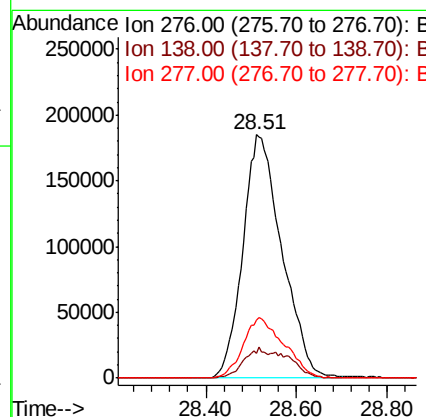
RT: 28.51 min Scan# 4327

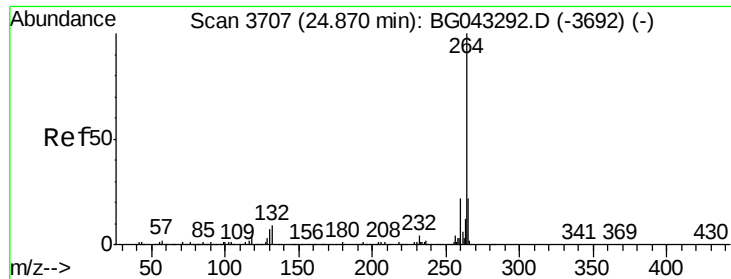
Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Tgt Ion:	276	Resp:	1103764
Ion Ratio	Lower	Upper	
276	100		
138	7.2	7.2	10.8#
277	25.8	20.9	31.3





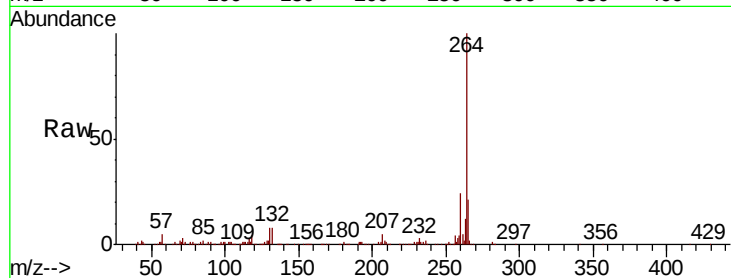
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3708
Delta R.T. 0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	21.2	17.4	26.2

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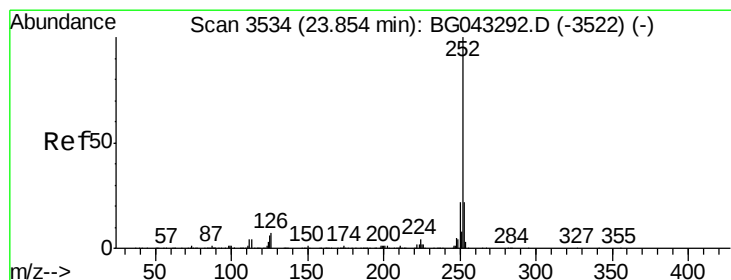
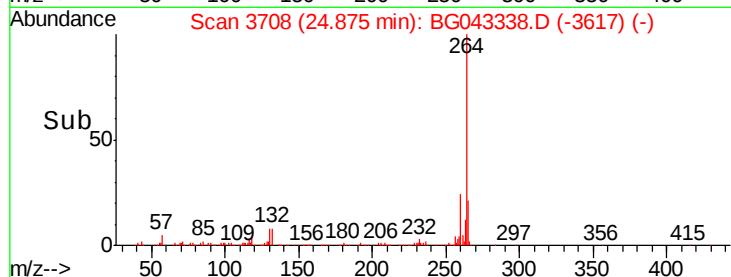
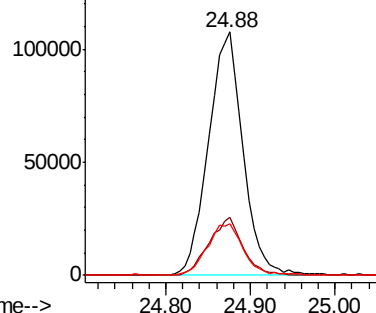


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 54.000 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

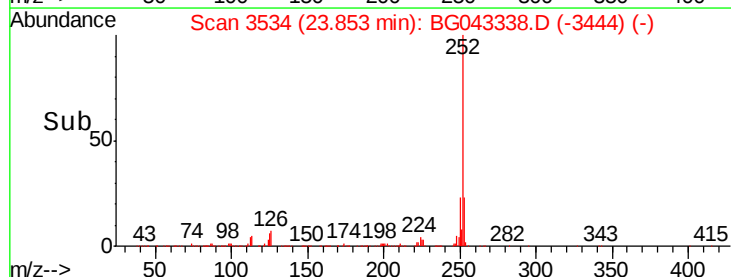
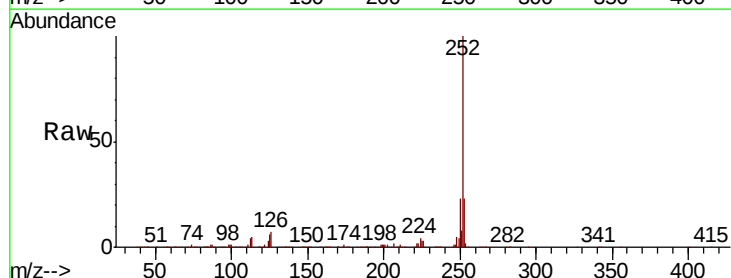
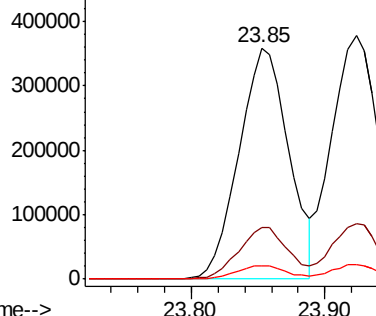
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	5.6	5.0	7.6

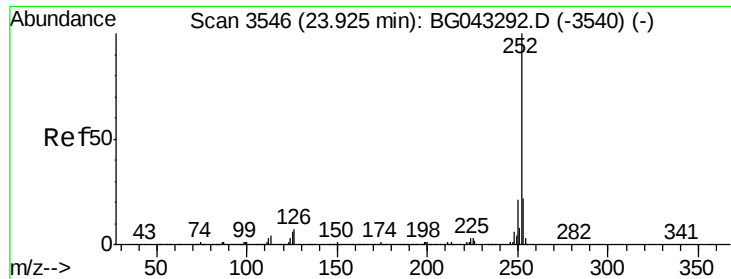
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





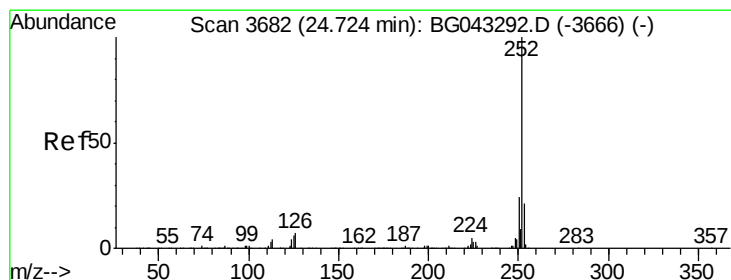
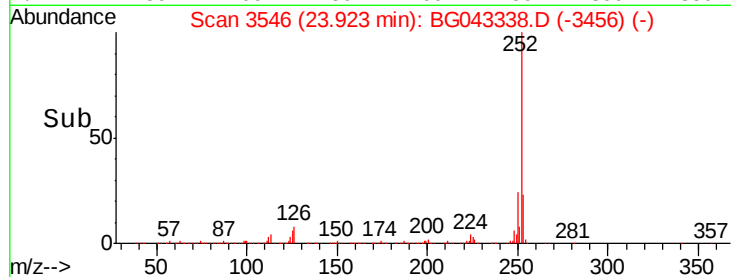
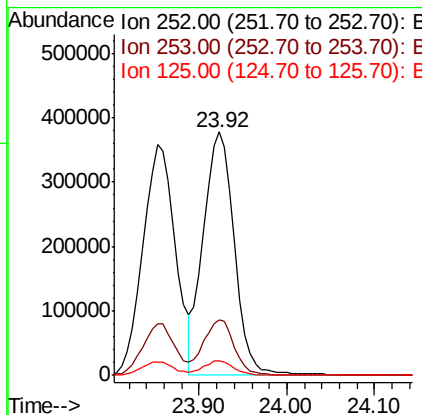
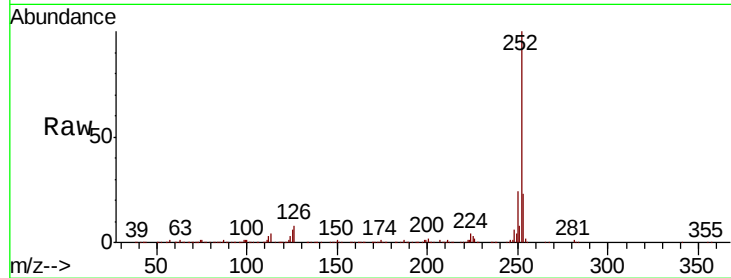
#89
Benzo(k)fluoranthene
Concen: 53.626 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124305BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	6.2	4.5	6.7

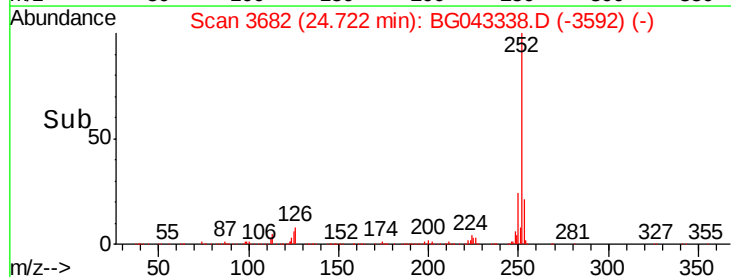
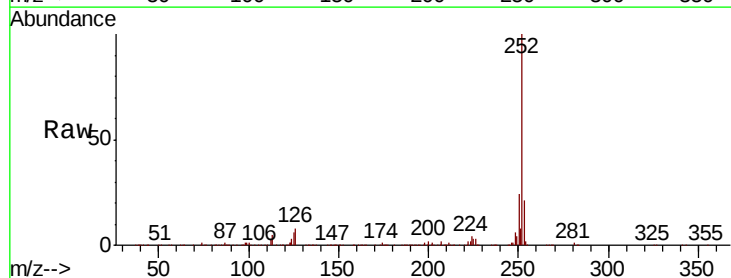
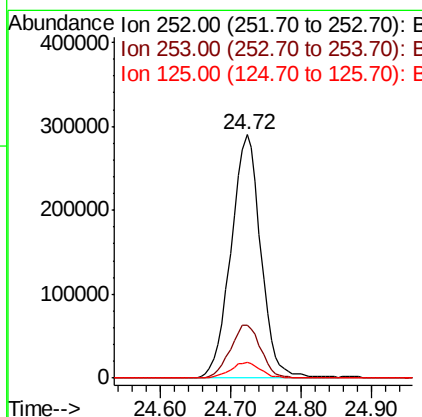
Manual Integrations
APPROVED

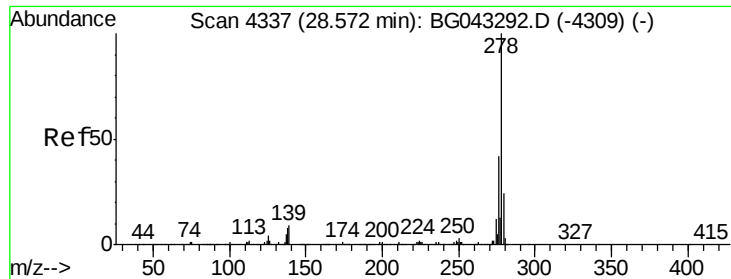
mohammad
10/26/2019 10:00:53 AM



#90
Benzo(a)pyrene
Concen: 51.640 ng
RT: 24.72 min Scan# 3682
Delta R.T. -0.00 min
Lab File: BG043338.D
Acq: 25 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	6.5	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 55.550 ng

RT: 28.58 min Scan# 4339

Delta R.T. 0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA_G

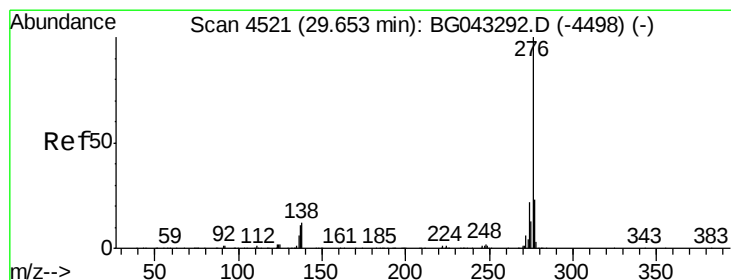
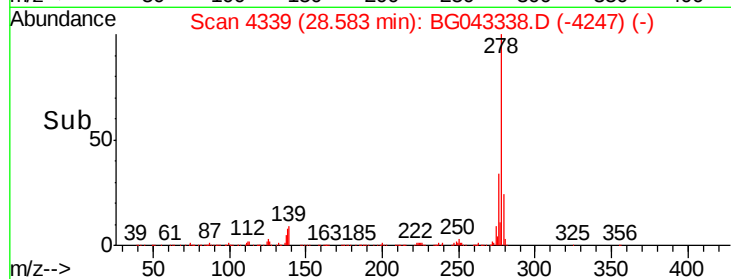
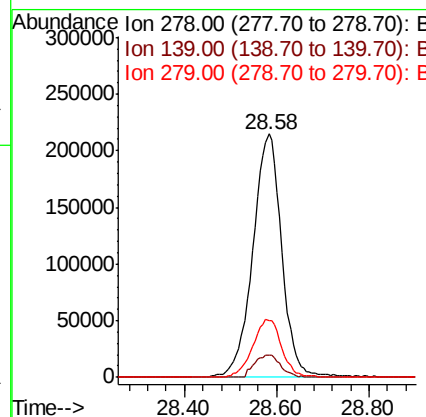
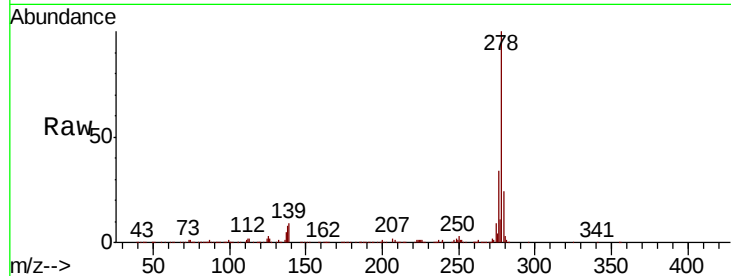
ClientSampleId :

PB124305BS

Tot Ion:	278	Resp:	934597
Ion Ratio	Lower	Upper	
278	100		
139	9.2	6.8	10.2
279	23.6	19.0	28.6

Manual Integrations
APPROVED

mohammad
10/26/2019 10:00:53 AM



#92

Benzo(g,h,i)perylene

Concen: 56.431 ng

RT: 29.67 min Scan# 4524

Delta R.T. 0.02 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Tgt Ion:	276	Resp:	936497
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.3	27.5
138	11.5	9.3	13.9

