

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043372.D
 Acq On : 29 Oct 2019 13:49
 Operator : JU
 Sample : PB124300BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124300BS

Manual Integrations
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 10/30/2019 4:54:27 PM

Quant Time: Oct 30 08:09:24 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	35581	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	142823	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	106696	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	249915	20.00	ng	0.00
76) Chrysene-d12	21.67	240	287669	20.00	ng	0.00
87) Perylene-d12	24.86	264	329438	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	258571	133.17	ng	0.00
7) Phenol-d6	7.21	99	340824	122.00	ng	0.00
23) Nitrobenzene-d5	9.18	82	175241	63.26	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	216855	106.80	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	470148	60.89	ng	0.00
79) Terphenyl-d14	20.00	244	946032	61.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	30118	39.803	ng	92
3) Pyridine	3.89	79	70299	36.830	ng	98
4) n-Nitrosodimethylamine	3.80	42	43533	45.198	ng	# 96
6) Aniline	7.35	93	108764	33.796	ng	95
8) 2-Chlorophenol	7.60	128	99097	46.233	ng	95
9) Benzaldehyde	7.16	77	55601	40.498	ng	# 80
10) Phenol	7.24	94	119686	46.883	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	80277	40.673	ng	98
12) 1,3-Dichlorobenzene	7.91	146	111777	41.622	ng	95
13) 1,4-Dichlorobenzene	8.06	146	112815	41.520	ng	98
14) 1,2-Dichlorobenzene	8.38	146	108274	40.812	ng	99
15) Benzyl Alcohol	8.27	79	83772	42.697	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	111514	38.856	ng	97
17) 2-Methylphenol	8.49	107	84422	45.363	ng	99
18) Hexachloroethane	9.11	117	40344	41.155	ng	100
19) n-Nitroso-di-n-propylamine	8.83	70	72423	40.119	ng	95
20) 3+4-Methylphenols	8.82	107	110932	43.470	ng	97
22) Acetophenone	8.85	105	142703	39.016	ng	98
24) Nitrobenzene	9.23	77	111269	42.163	ng	96
25) Isophorone	9.74	82	200233	39.533	ng	100
26) 2-Nitrophenol	9.94	139	56582	44.410	ng	93
27) 2,4-Dimethylphenol	10.01	122	90186	49.387	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	110355	39.477	ng	99
29) 2,4-Dichlorophenol	10.49	162	105122	44.929	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	119591	40.554	ng	99
31) Naphthalene	10.88	128	308769	42.591	ng	97
32) Benzoic acid	10.17	122	43132	34.151	ng	96
33) 4-Chloroaniline	11.00	127	62138	20.910	ng	95
34) Hexachlorobutadiene	11.17	225	84535	38.779	ng	92
35) Caprolactam	11.76	113	31590m	39.202	ng	
36) 4-Chloro-3-methylphenol	12.13	107	110034	43.114	ng	97
37) 2-Methylnaphthalene	12.48	142	231578	41.632	ng	97
38) 1-Methylnaphthalene	12.70	142	221169	41.788	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	148300	37.557	ng	98

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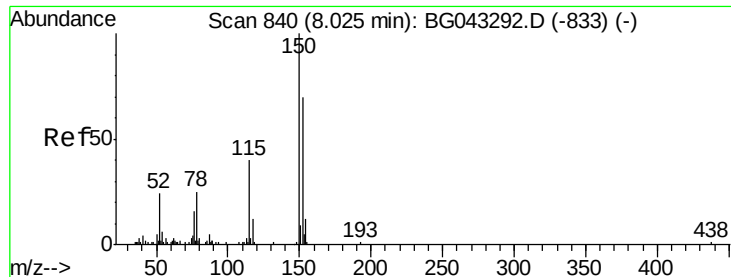
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	178617	86.111	nq	97
43) 2,4,6-Trichlorophenol	13.09	196	95076	40.886	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	100284	42.657	nq	98
46) 1,1'-Biphenyl	13.49	154	311097	38.327	nq	100
47) 2-Chloronaphthalene	13.53	162	242867	39.325	nq	99
48) 2-Nitroaniline	13.74	65	70345	38.110	nq	95
49) Acenaphthylene	14.37	152	394799	41.074	nq	97
50) Dimethylphthalate	14.10	163	313343	37.915	nq	99
51) 2,6-Dinitrotoluene	14.22	165	71720	39.946	nq	97
52) Acenaphthene	14.72	154	230531	39.329	nq	97
53) 3-Nitroaniline	14.56	138	45058	25.993	nq	95
54) 2,4-Dinitrophenol	14.77	184	72488	66.052	nq	94
55) Dibenzofuran	15.05	168	379326	39.906	nq	99
56) 4-Nitrophenol	14.90	139	103821	89.375	nq	97
57) 2,4-Dinitrotoluene	15.01	165	102740	40.041	nq	93
58) Fluorene	15.70	166	319152	40.032	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	103552	41.458	nq	# 99
60) Diethylphthalate	15.47	149	317905	38.284	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	182247	39.185	nq	97
62) 4-Nitroaniline	15.73	138	66394	37.087	nq	94
63) Azobenzene	15.98	77	265770	39.546	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	60168	40.910	nq	98
66) n-Nitrosodiphenylamine	15.91	169	282687	40.065	nq	98
67) 4-Bromophenyl-phenylether	16.58	248	131490	39.096	nq	97
68) Hexachlorobenzene	16.71	284	146246	37.881	nq	98
69) Atrazine	16.85	200	121294	49.473	nq	94
70) Pentachlorophenol	17.05	266	161246	91.661	nq	97
71) Phenanthrene	17.44	178	516491	40.359	nq	99
72) Anthracene	17.53	178	534541	41.748	nq	99
73) Carbazole	17.81	167	480073	41.403	nq	97
74) Di-n-butylphthalate	18.35	149	567505	40.337	nq	99
75) Fluoranthene	19.45	202	694861	41.648	nq	99
77) Benzidine	19.63	184	299628	51.754	nq	99
78) Pyrene	19.81	202	701561	39.399	nq	98
80) Butylbenzylphthalate	20.69	149	260045	38.547	nq	98
81) Benzo(a)anthracene	21.64	228	721863	40.060	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	220958	31.703	nq	98
83) Chrysene	21.71	228	711603	39.746	nq	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	385178	40.194	nq	99
85) Di-n-octyl phthalate	22.75	149	663559	40.814	nq	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	931633	41.455	nq	99
88) Benzo(b)fluoranthene	23.85	252	769177	41.224	nq	98
89) Benzo(k)fluoranthene	23.92	252	786110	41.851	nq	100
90) Benzo(a)pyrene	24.72	252	710700	39.888	nq	99
91) Dibenzo(a,h)anthracene	28.56	278	782190	42.920	nq	97
92) Benzo(g,h,i)perylene	29.65	276	771139	42.897	nq	97

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



#1

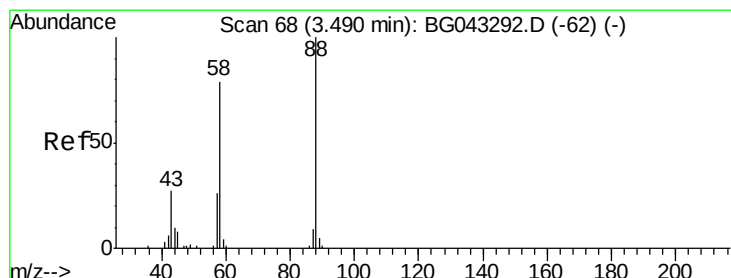
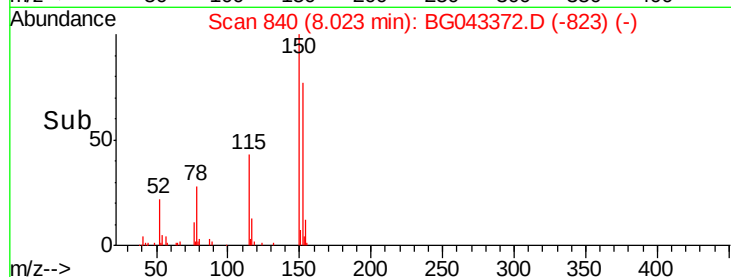
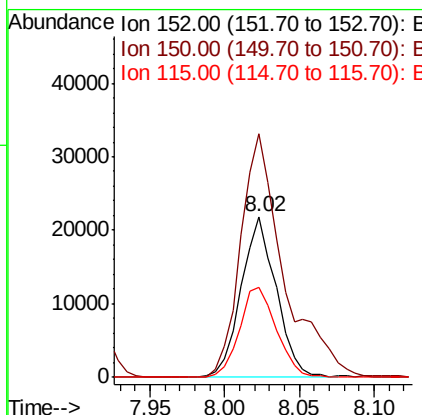
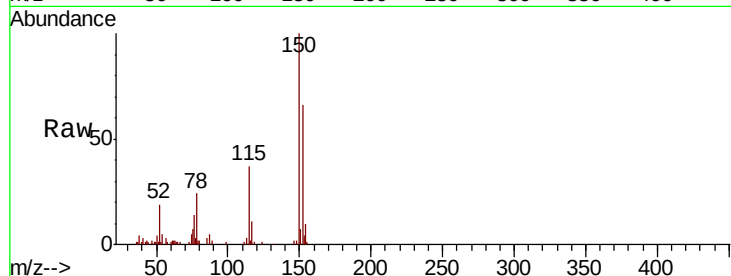
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	113.6	170.4
115	56.2	45.9	68.9

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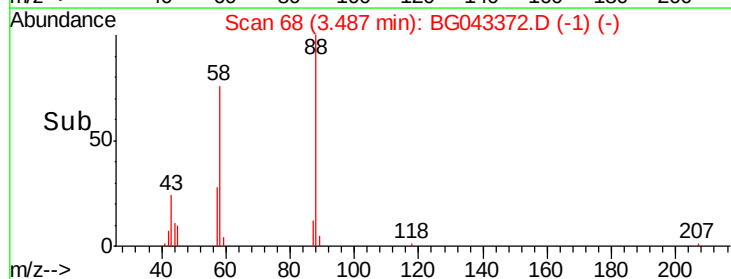
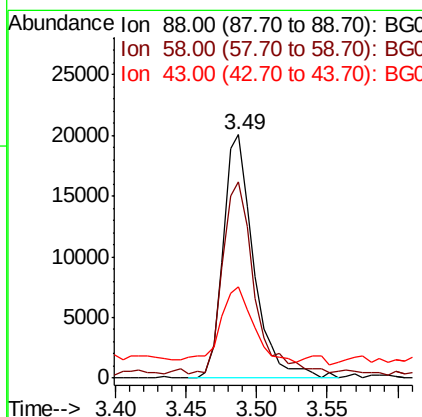
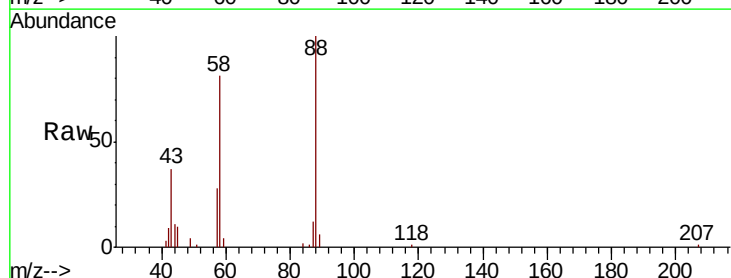
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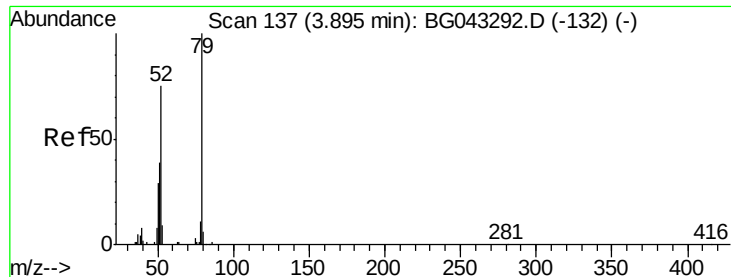


#2

1,4-Dioxane
Concen: 39.803 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.8	60.2	90.2
43	32.8	22.7	34.1





#3

Pvridine

Concen: 36.830 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

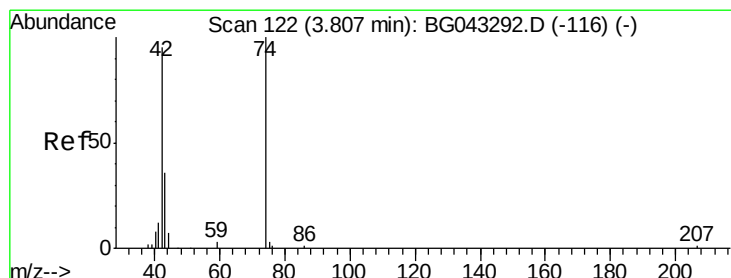
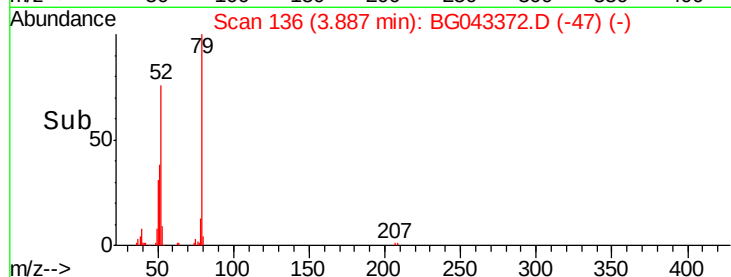
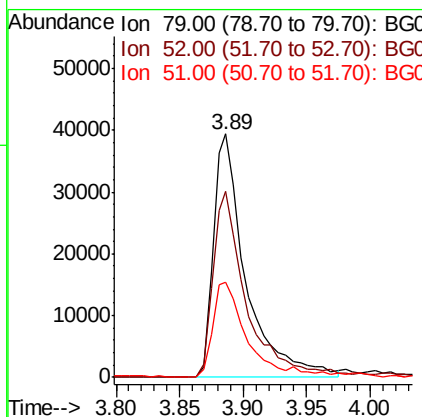
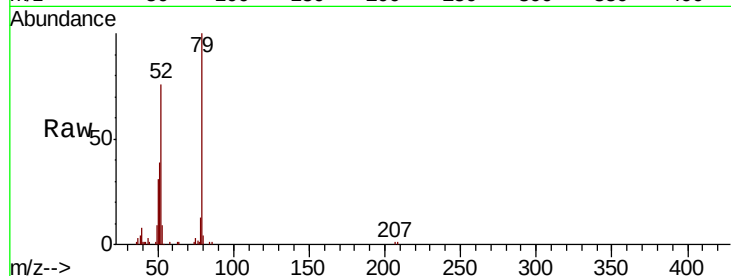
ClientSampled :

PB124300BS

Tot Ion:	79	Resp:	70299
Ion	Ratio	Lower	Upper
79	100		
52	76.2	59.7	89.5
51	39.2	31.8	47.6

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#4

n-Nitrosodimethylamine

Concen: 45.198 ng

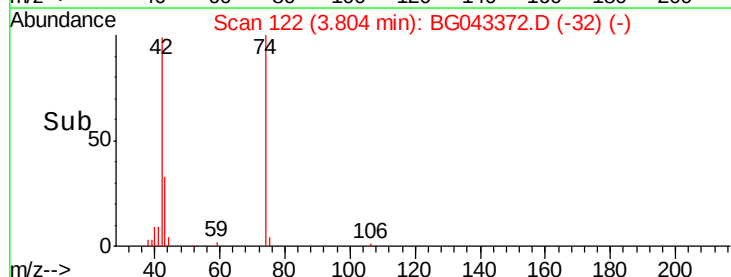
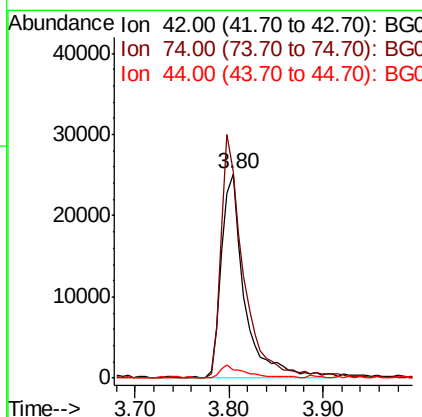
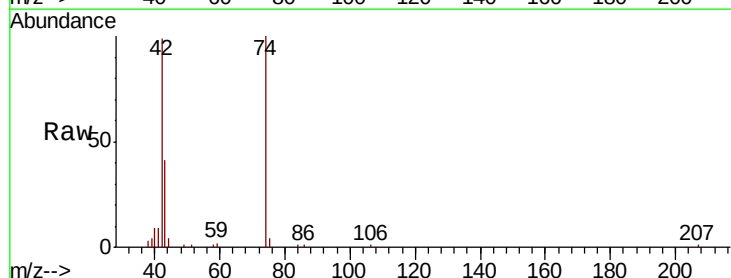
RT: 3.80 min Scan# 122

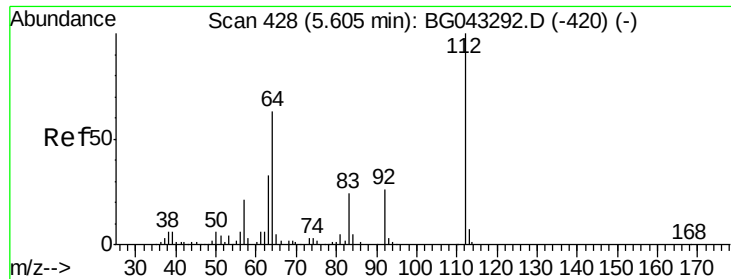
Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Tgt Ion:	42	Resp:	43533
Ion	Ratio	Lower	Upper
42	100		
74	101.3	84.2	126.2
44	3.9	6.0	9.0





#5

2-Fluorophenol

Concen: 133.166 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

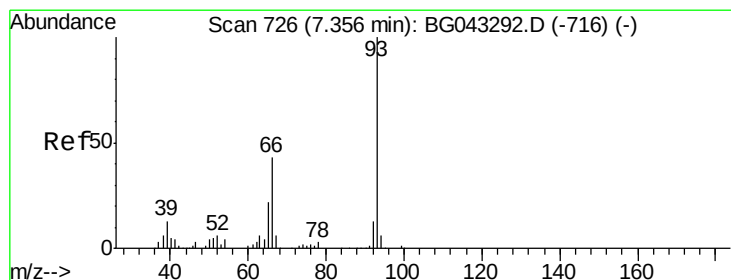
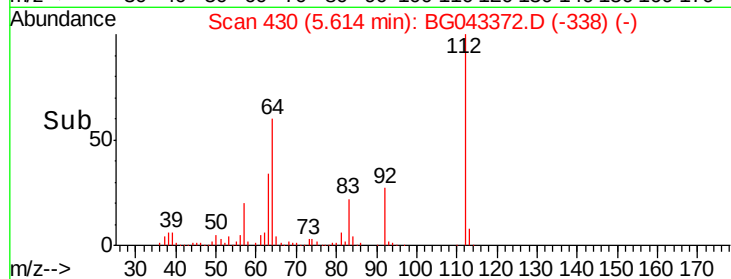
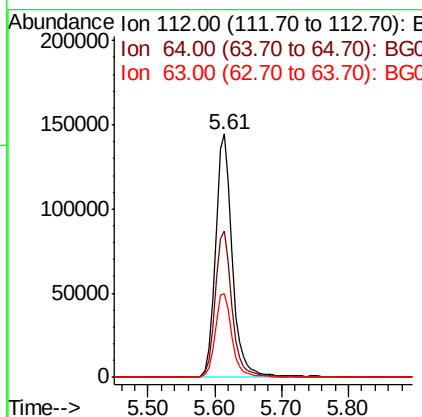
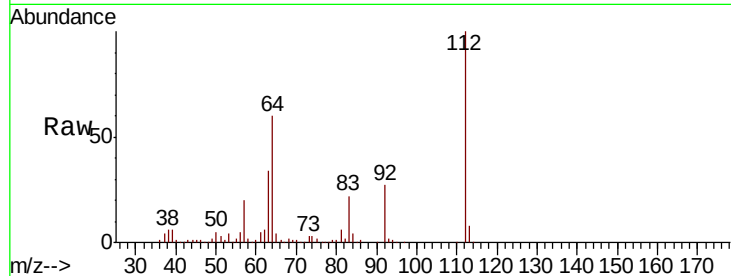
ClientSampleId :

PB124300BS

Tot Ion:	112	Resp:	258571
Ion Ratio	Lower	Upper	
112	100		
64	60.3	50.2	75.2
63	34.5	26.7	40.1

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#6

Aniline

Concen: 33.796 ng

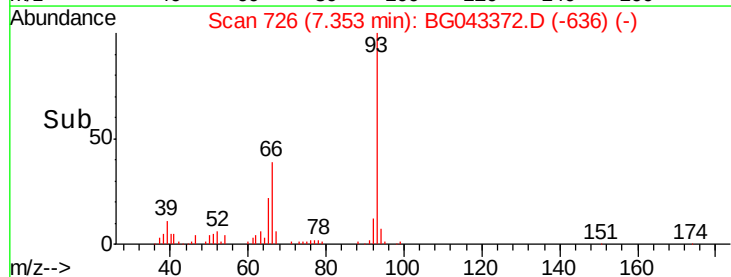
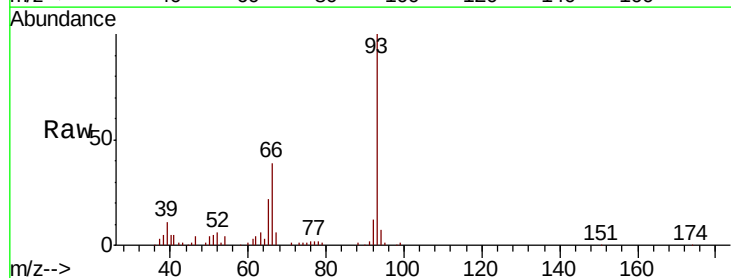
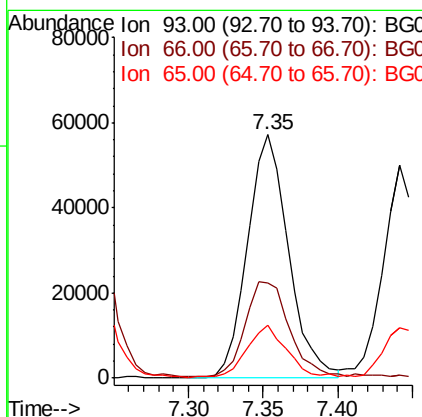
RT: 7.35 min Scan# 726

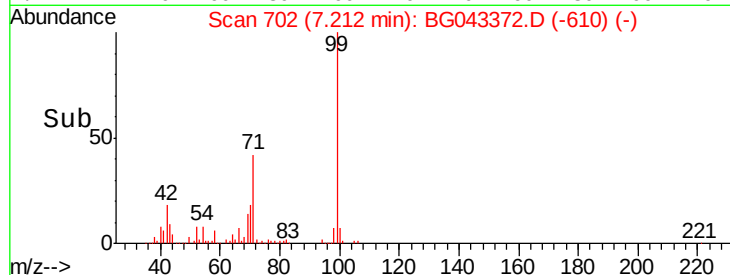
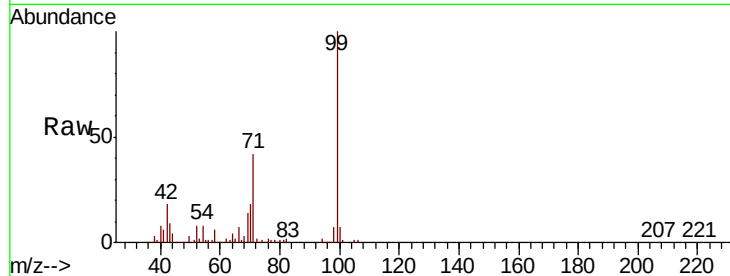
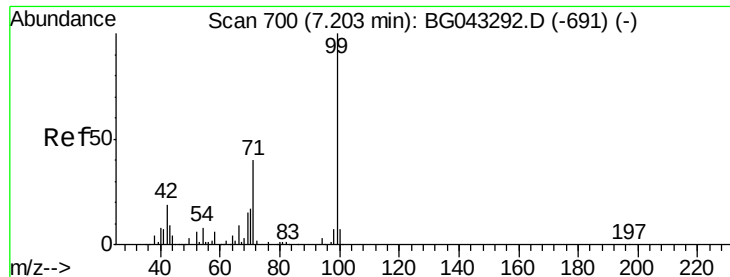
Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Tgt Ion:	93	Resp:	108764
Ion Ratio	Lower	Upper	
93	100		
66	39.2	34.5	51.7
65	21.5	18.0	27.0





#7

Phenol-d6

Concen: 121.998 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Tot Ion:	99	Resp:	340824
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.9	22.3
71	41.6	32.2	48.2

Instrument :

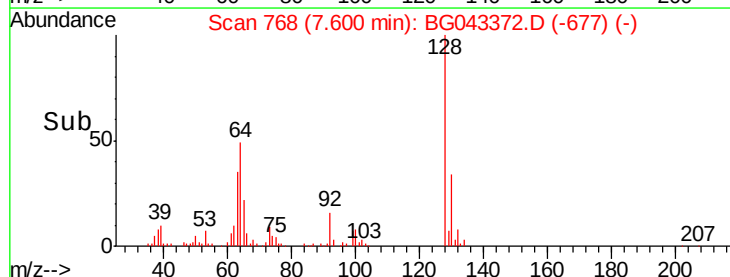
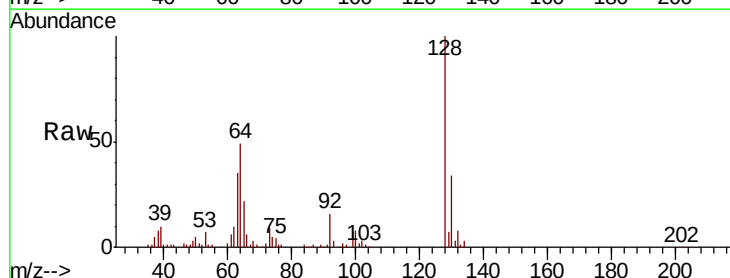
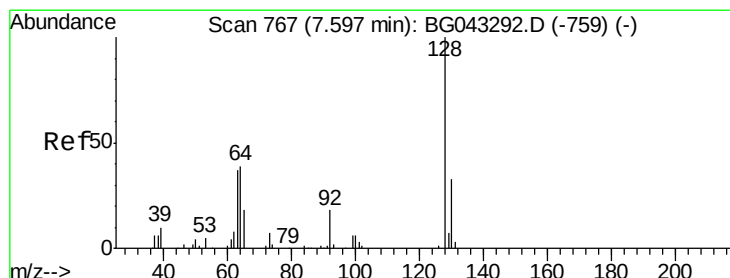
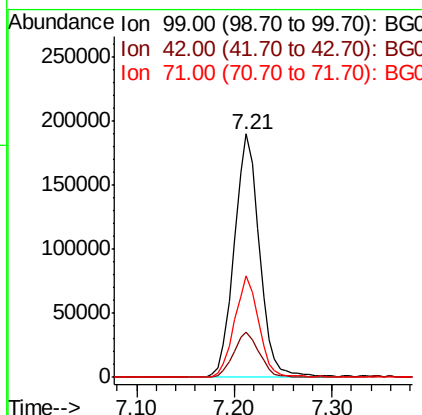
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ClientSampled :

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#8

2-Chlorophenol

Concen: 46.233 ng

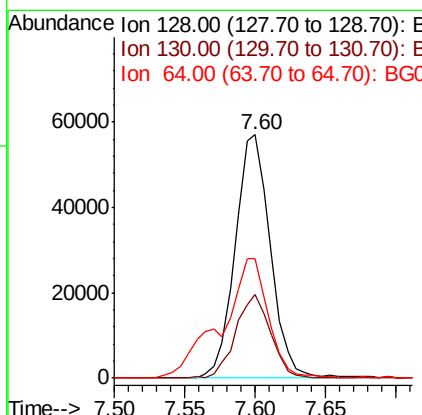
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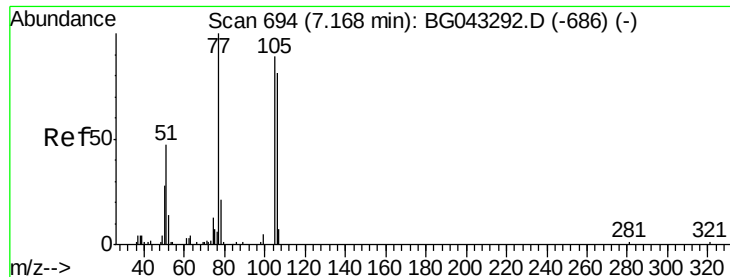
Delta R.T. 0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Tgt Ion:	128	Resp:	99097
Ion Ratio	Lower	Upper	
128	100		
130	34.4	12.9	52.9
64	49.0	24.9	64.9





#9

Benzaldehyde

Concen: 40.498 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

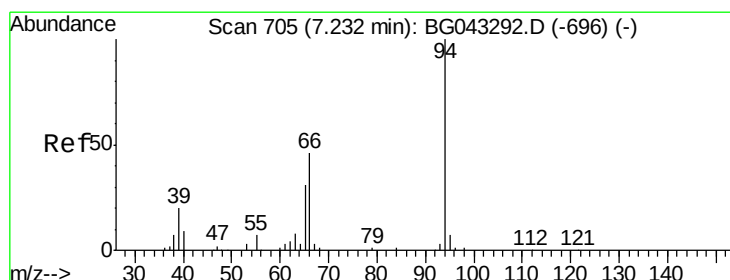
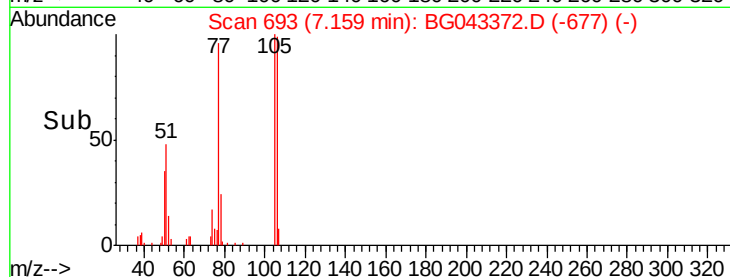
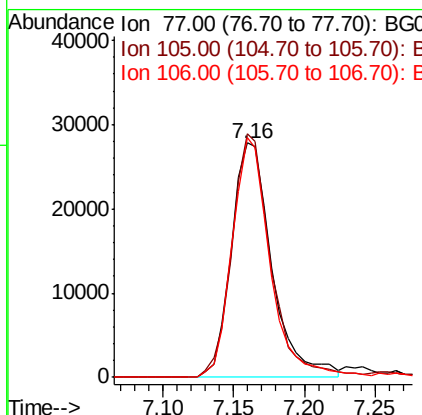
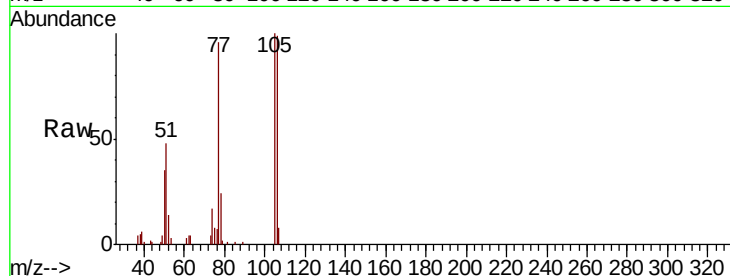
ClientSampleId :

PB124300BS

Tot Ion:	77	Resp:	55601
Ion	Ratio	Lower	Upper
77	100		
105	104.0	68.7	108.7
106	102.6	60.5	100.5#

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#10

Phenol

Concen: 46.883 ng

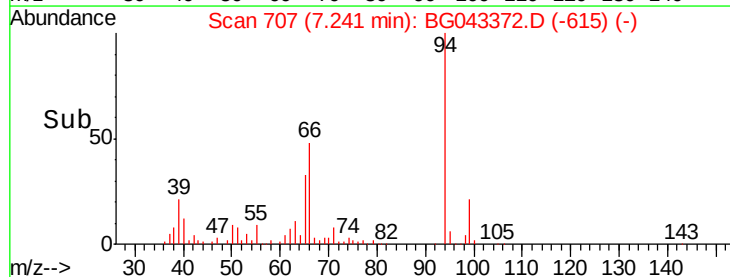
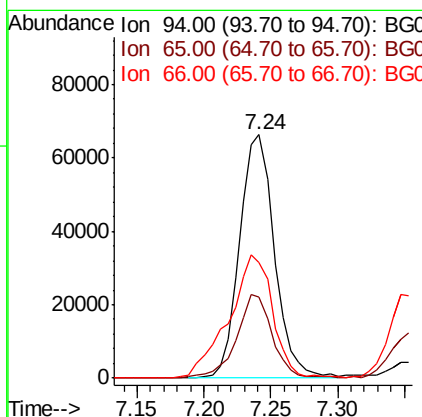
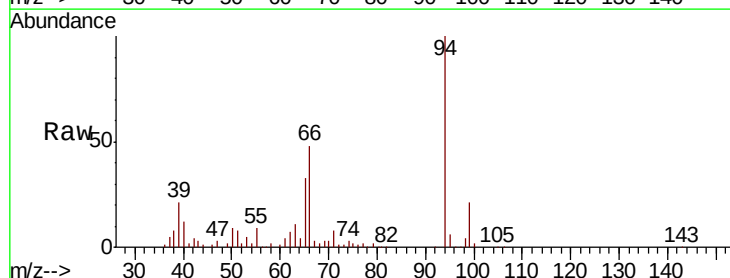
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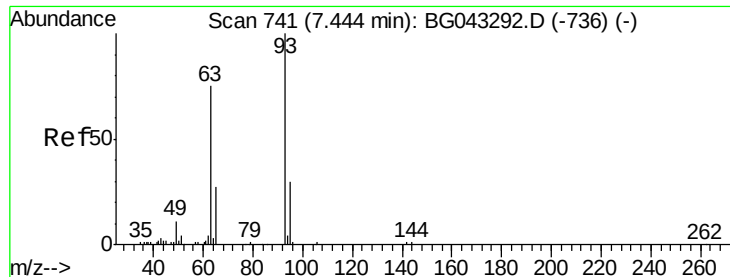
Delta R.T. 0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Tgt Ion:	94	Resp:	119686
Ion	Ratio	Lower	Upper
94	100		
65	33.5	11.1	51.1
66	47.7	27.8	67.8





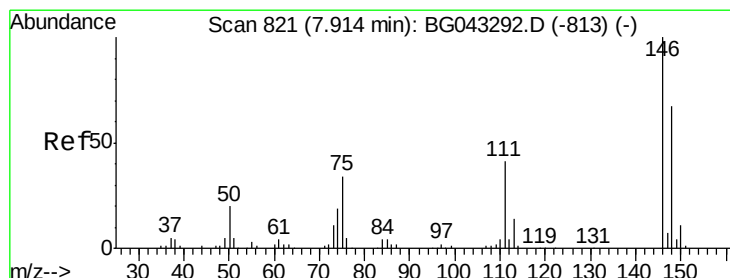
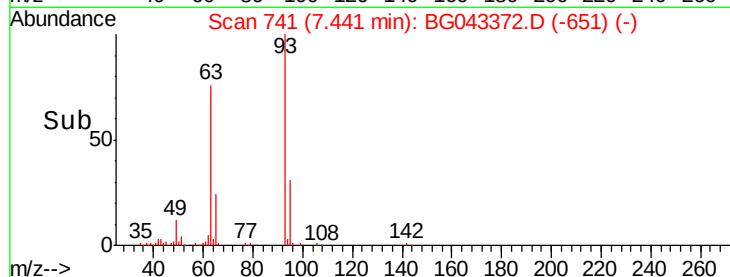
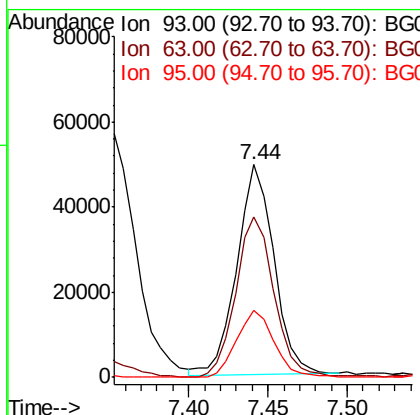
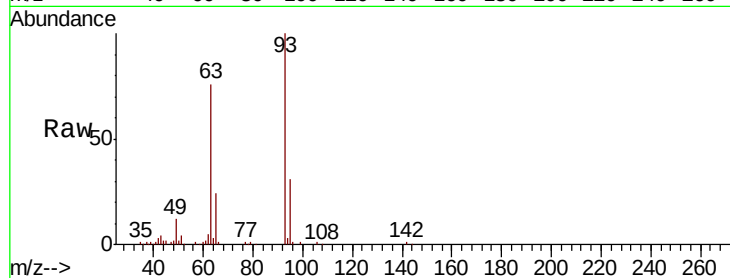
#11
bis(2-Chloroethyl)ether
Concen: 40.673 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	80277		
63	75.8		54.6	94.6
95	31.5		9.7	49.7

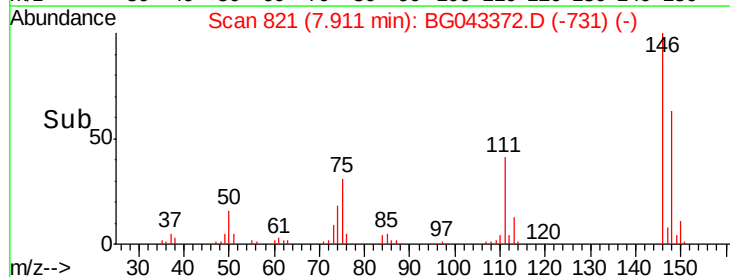
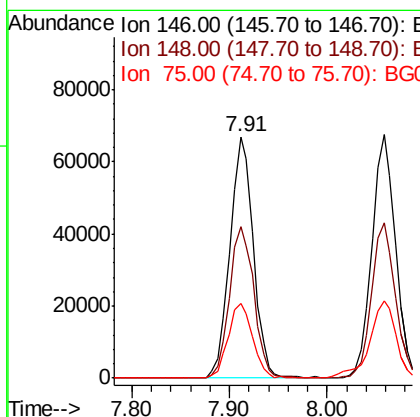
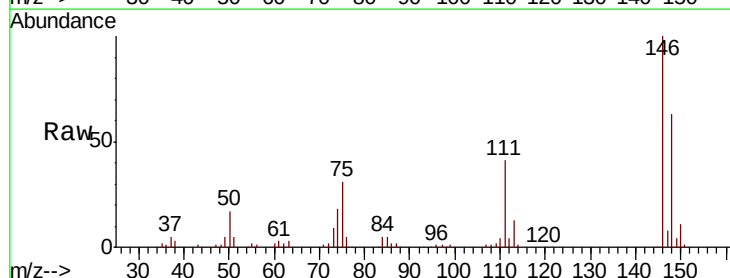
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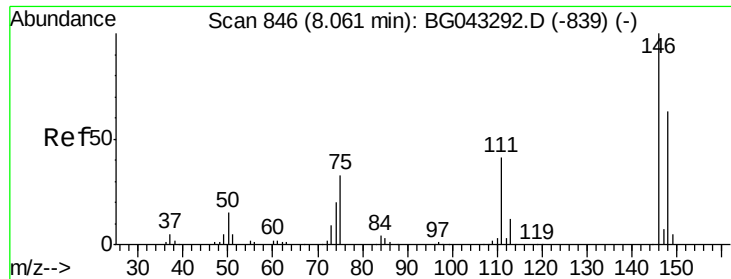
mohammad
10/30/2019 4:54:27 PM



#12
1,3-Dichlorobenzene
Concen: 41.622 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	111777		
148	63.0		53.4	80.2
75	30.8		27.0	40.4





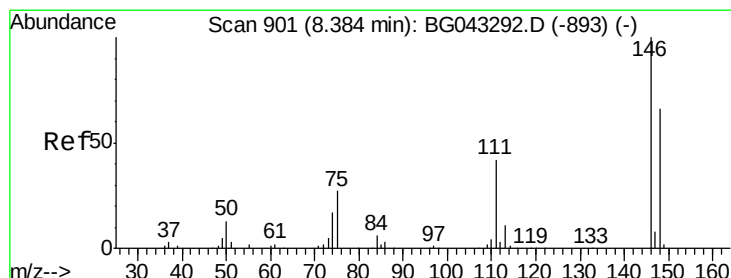
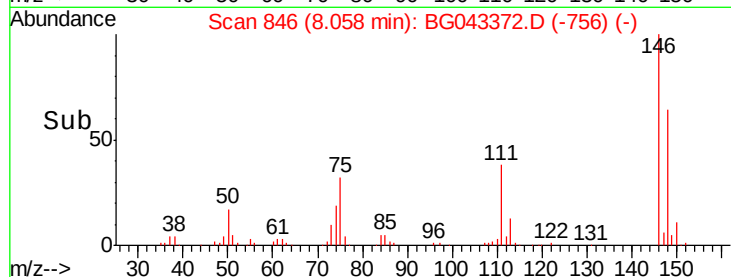
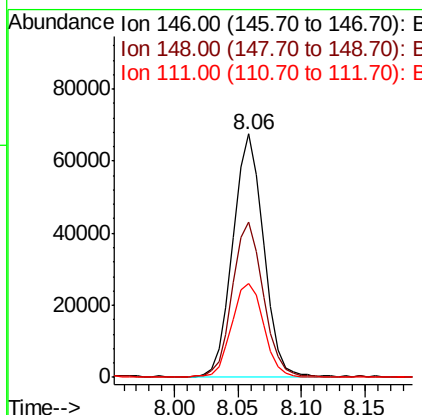
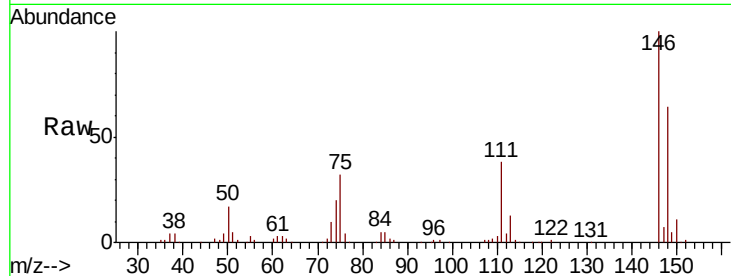
#13
 1,4-Dichlorobenzene
 Concen: 41.520 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124300BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.7	76.1
111	38.4	33.0	49.6

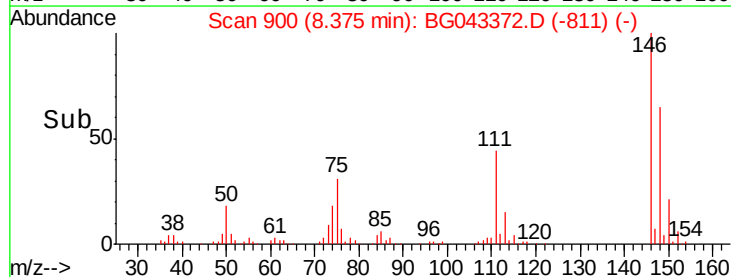
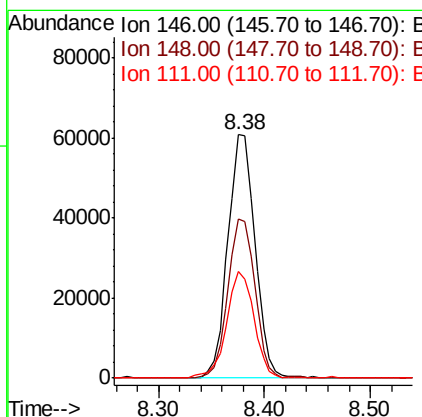
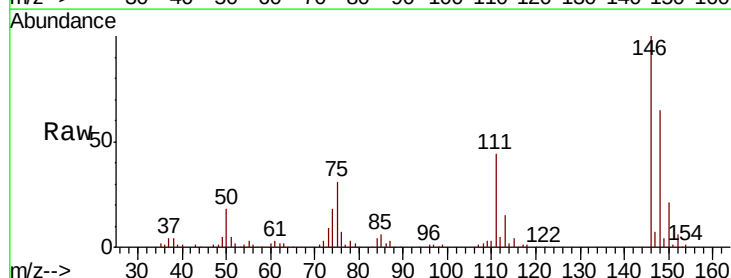
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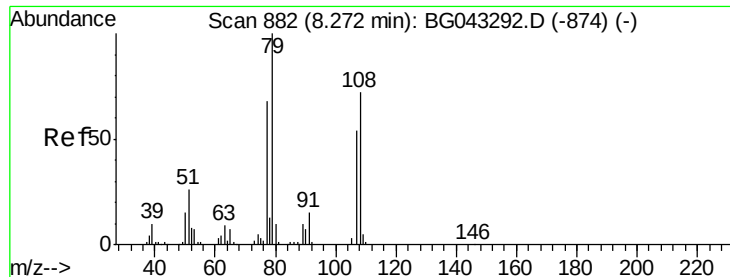
mohammad
 10/30/2019 4:54:27 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.812 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.0	79.4
111	43.8	34.5	51.7





#15

Benzyl Alcohol

Concen: 42.697 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

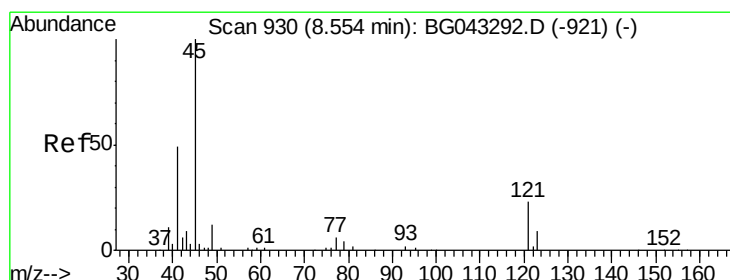
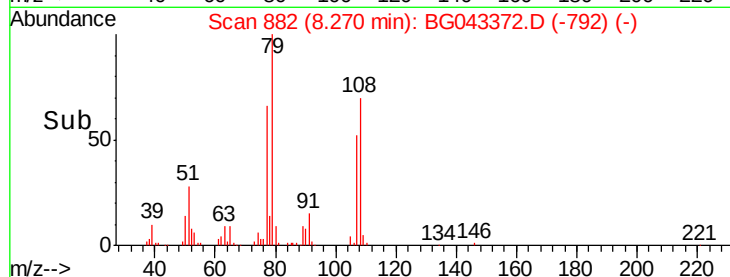
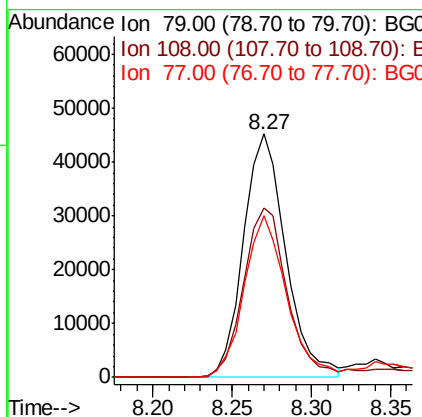
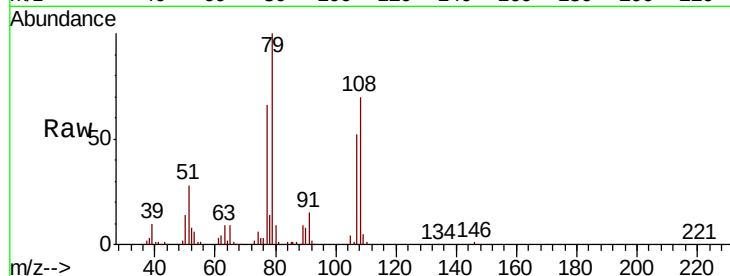
ClientSampleId :

PB124300BS

Tot Ion:	79	Resp:	83772
Ion Ratio	Lower	Upper	
79	100		
108	69.6	57.3	85.9
77	66.4	54.6	81.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.856 ng

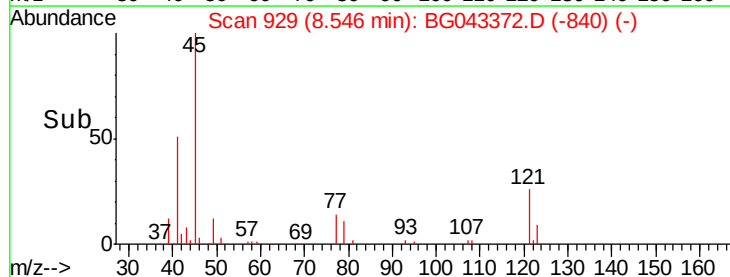
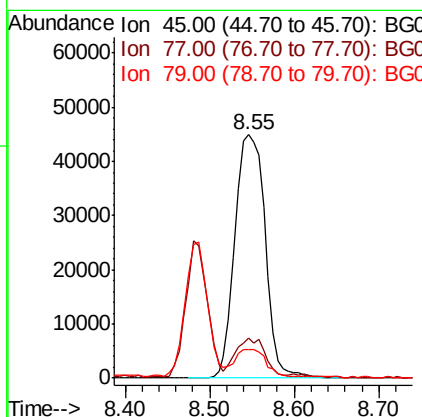
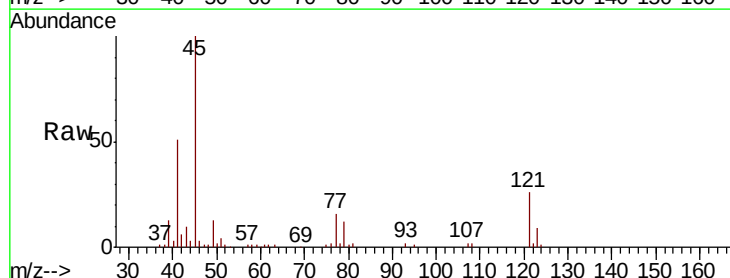
RT: 8.55 min Scan# 929

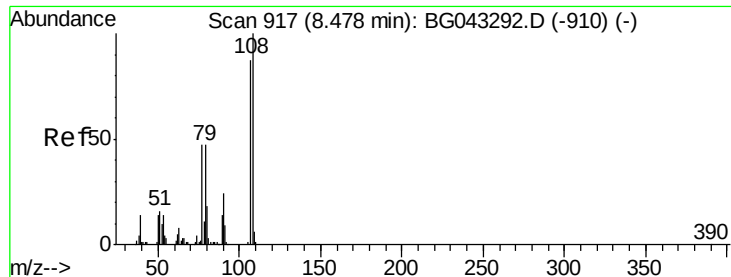
Delta R.T. -0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Tgt Ion:	45	Resp:	111514
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	34.2
79	11.9	0.0	32.3





#17

2-Methylphenol

Concen: 45.363 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

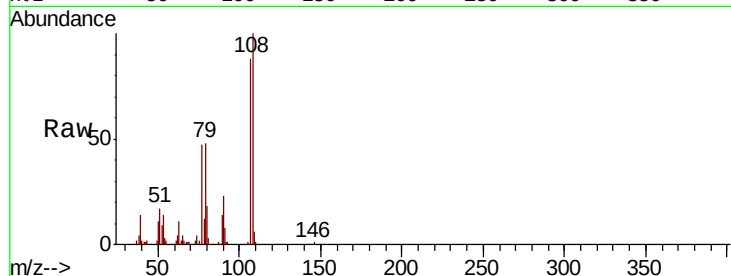
ClientSampleId :

PB124300BS

Tot Ion:	107	Resp:	84422
Ion Ratio	Lower	Upper	
107	100		
108	113.5	91.3	136.9
77	53.5	43.0	64.6
79	54.9	43.4	65.2

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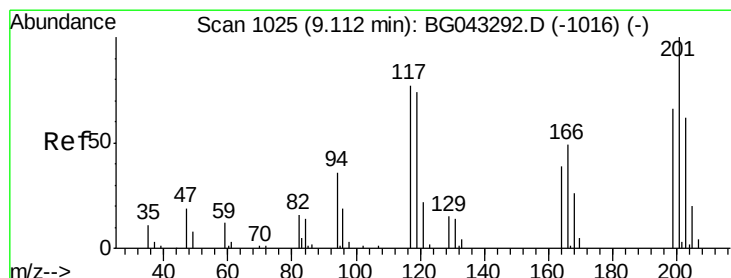
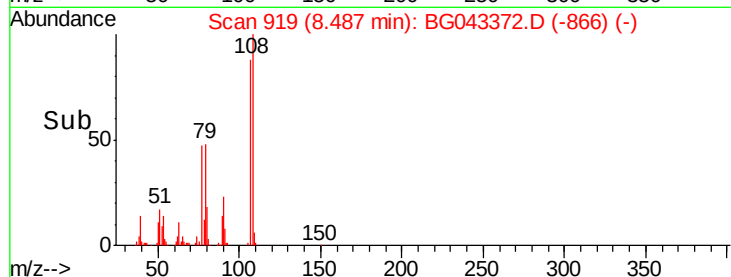
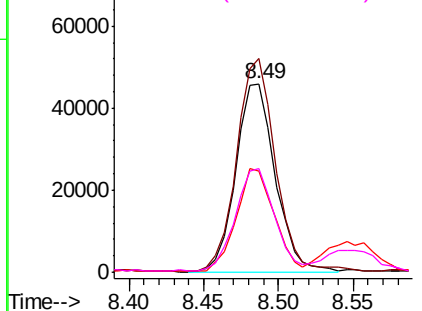


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.155 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043372.D

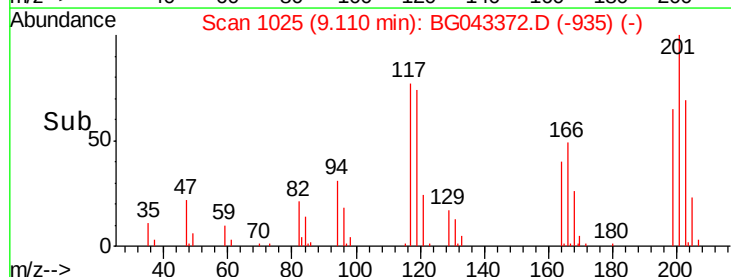
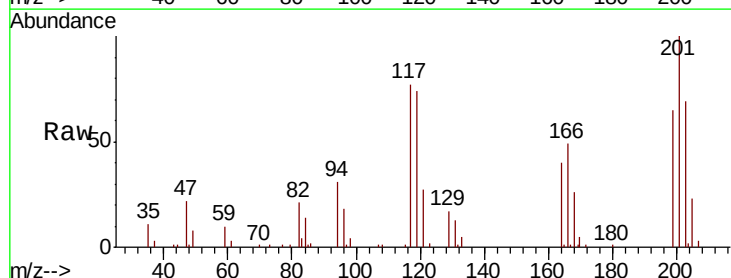
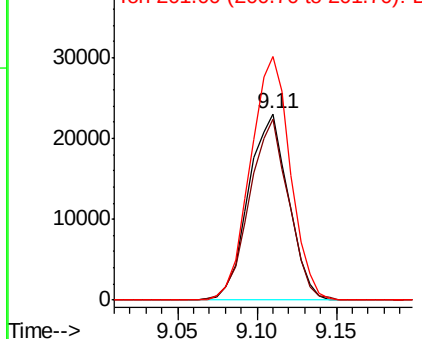
Acq: 29 Oct 2019 13:49

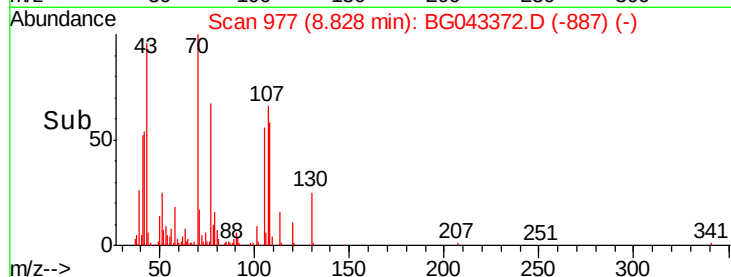
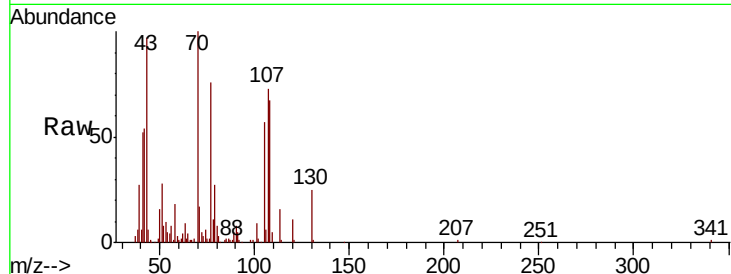
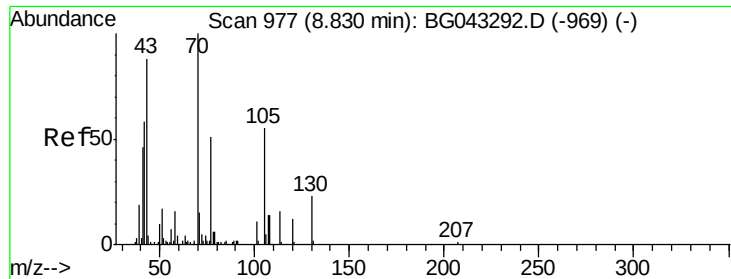
Tgt Ion:	117	Resp:	40344
Ion Ratio	Lower	Upper	
117	100		
119	97.0	77.3	115.9
201	130.6	104.2	156.4

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





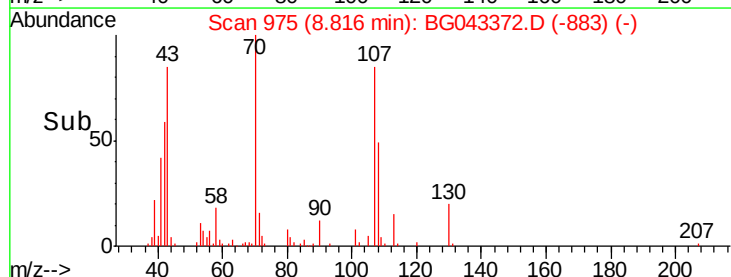
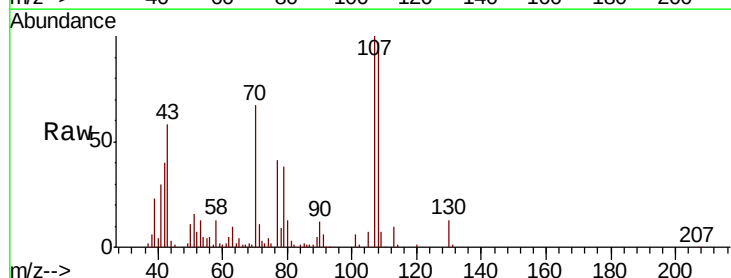
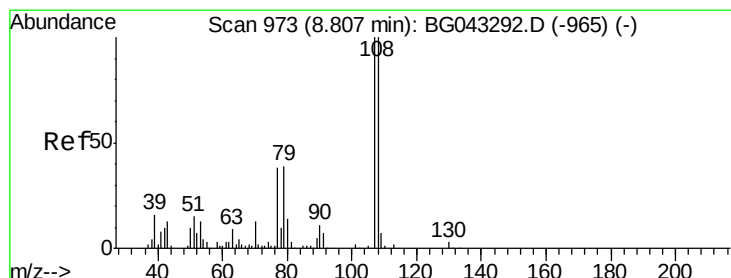
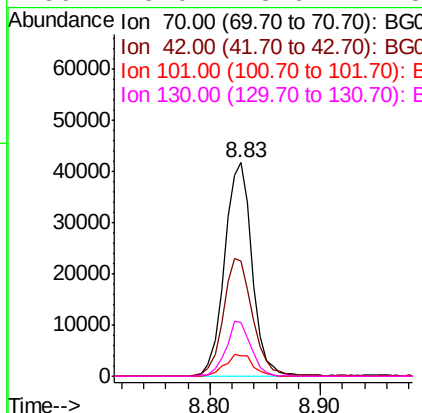
#19
n-Nitroso-di-n-propylamine
Concen: 40.119 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

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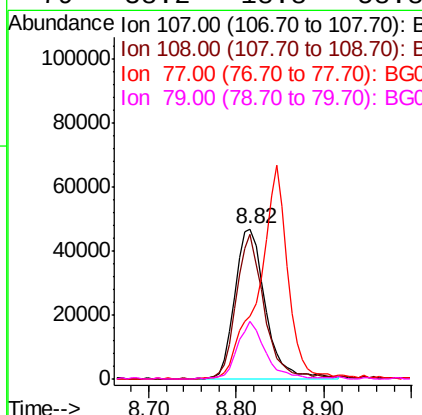
mohammad
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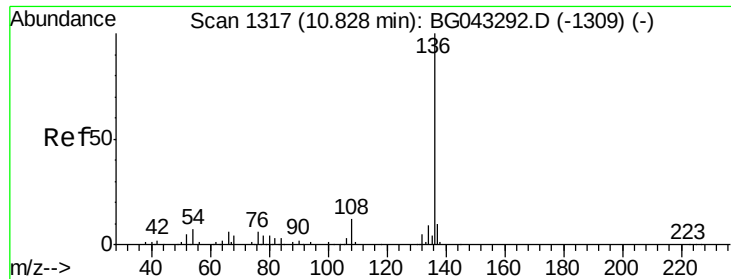
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.7	46.2	69.2	
101	9.3	8.6	13.0	
130	25.0	18.6	27.8	



#20
3+4-Methylphenols
Concen: 43.470 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	96.7	80.3	120.3	
77	41.4	18.2	58.2	
79	38.2	18.8	58.8	





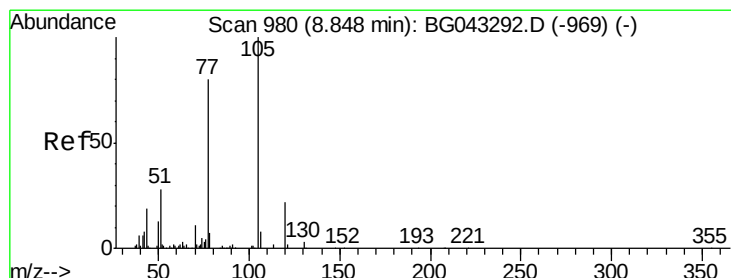
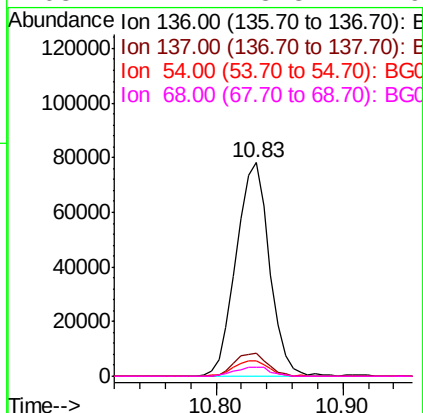
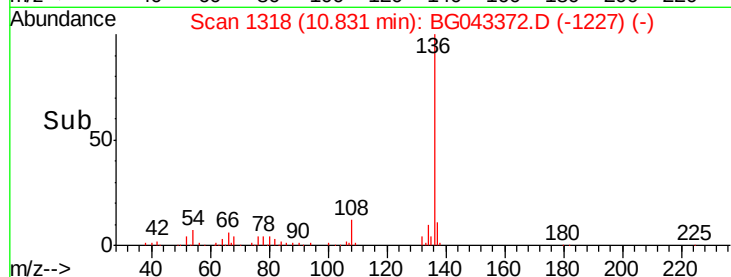
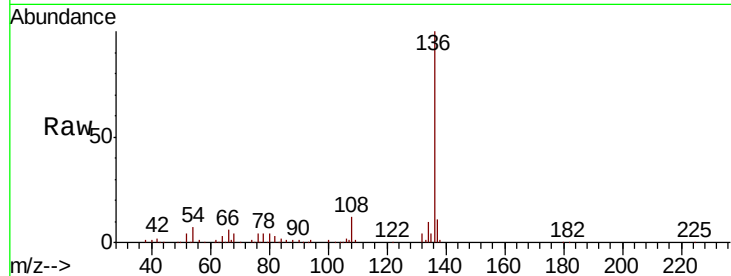
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.2	12.2	
54	7.1	5.4	8.2	
68	4.4	3.3	4.9	

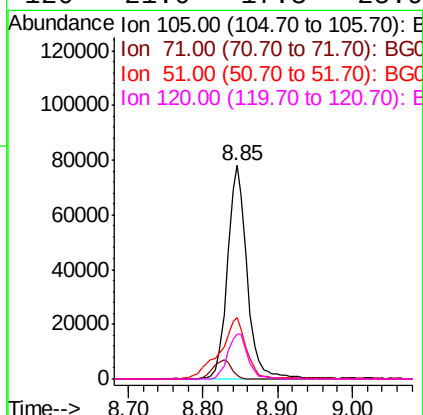
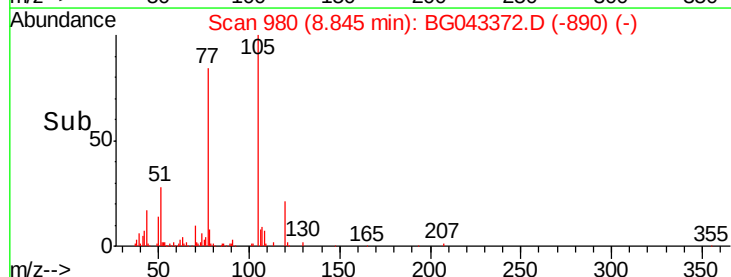
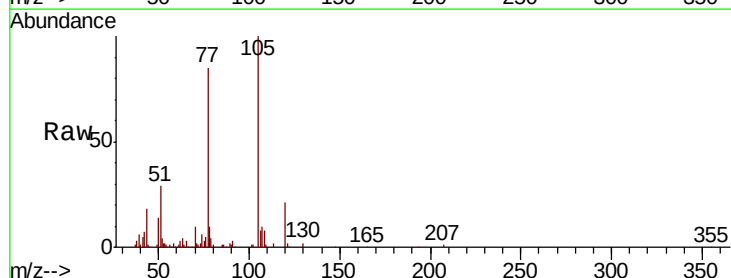
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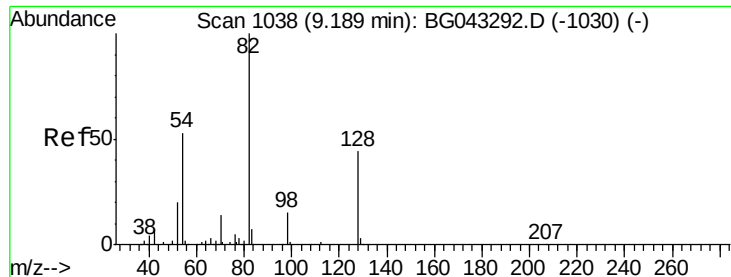
mohammad
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#22
Acetophenone
Concen: 39.016 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.9	1.5	2.3	
51	28.8	23.9	35.9	
120	21.0	17.3	25.9	





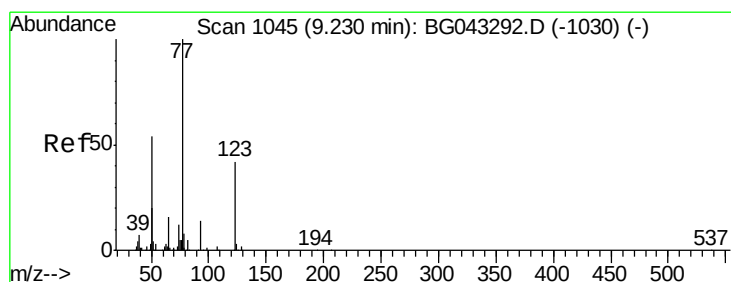
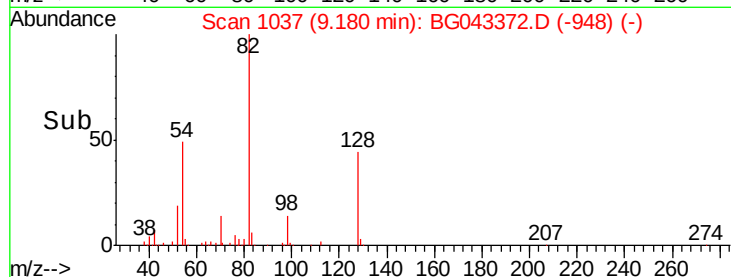
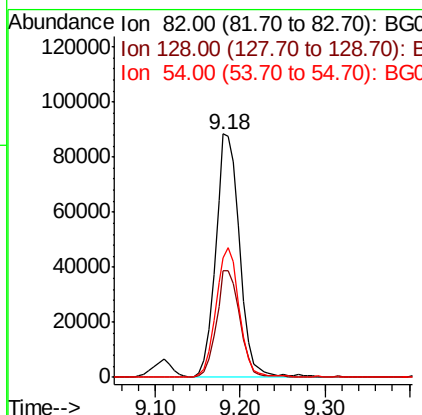
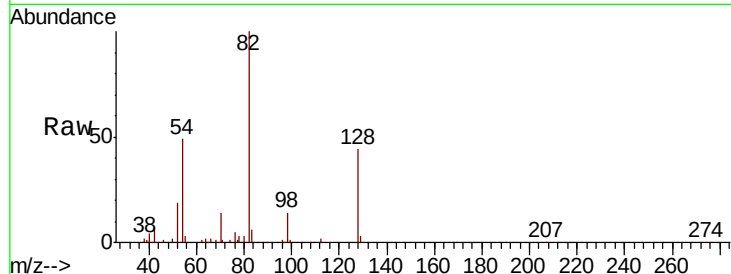
#23
 Nitrobenzene-d5
 Concen: 63.256 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124300BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.3	52.9
54	48.8	42.3	63.5

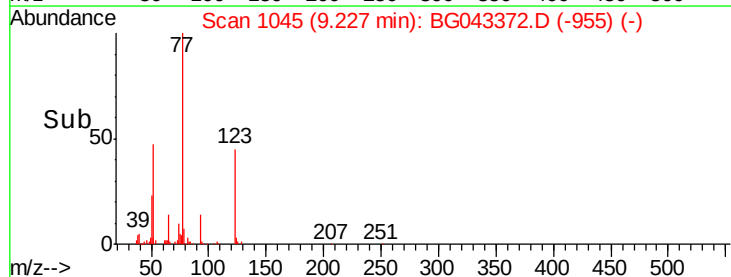
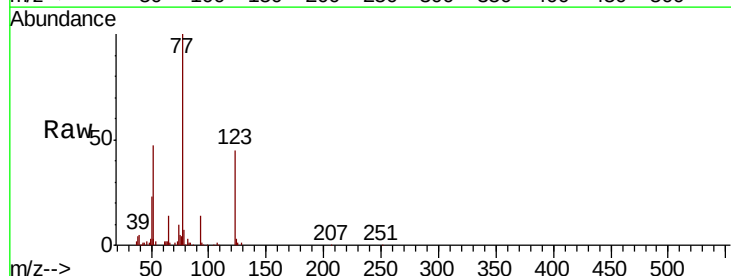
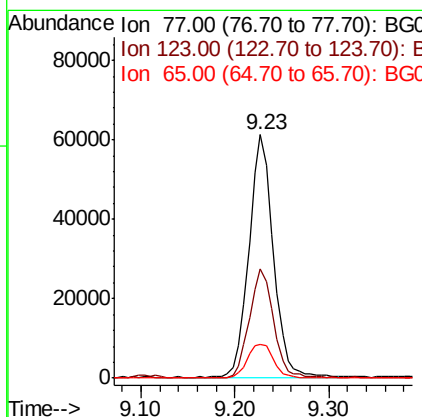
Manual Integrations
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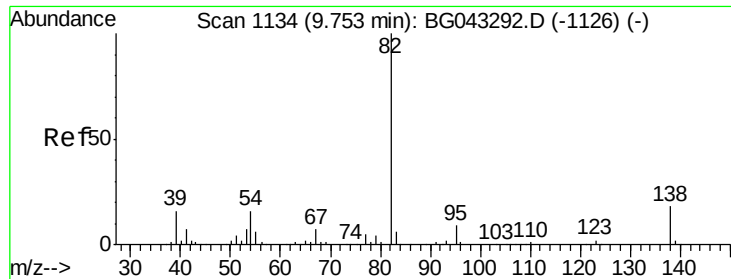
mohammad
 10/30/2019 4:54:27 PM



#24
 Nitrobenzene
 Concen: 42.163 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	33.8	50.8
65	14.0	13.0	19.4





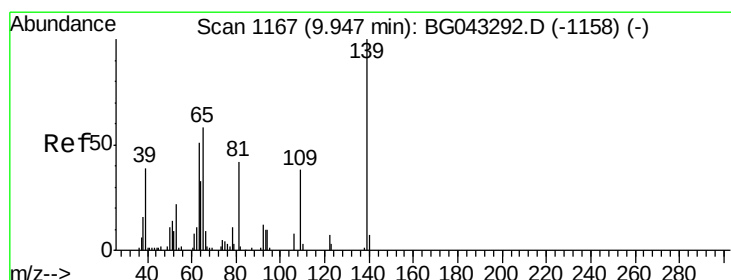
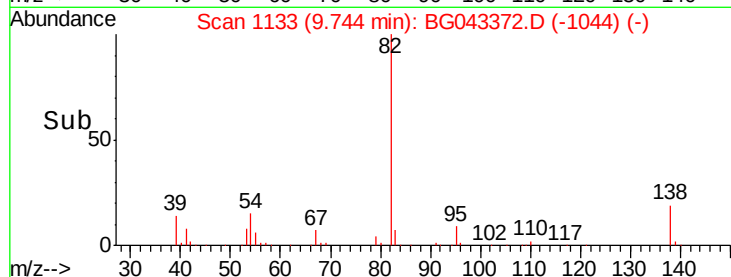
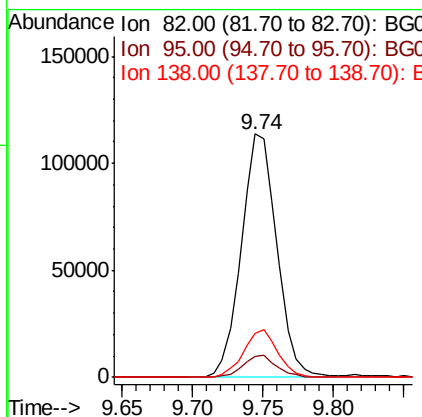
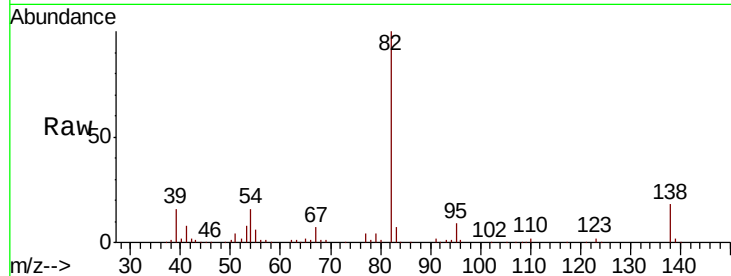
#25
Isophorone
Concen: 39.533 ng
RT: 9.74 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	200233		
95	8.6		6.9	10.3
138	18.0		14.2	21.2

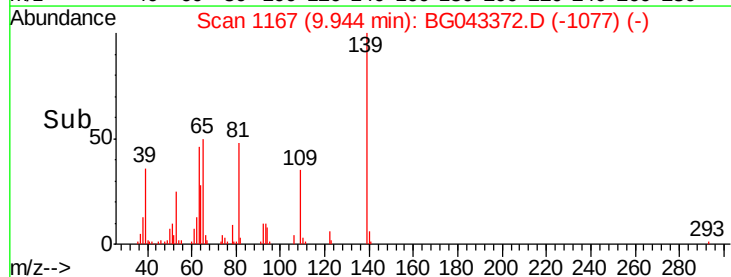
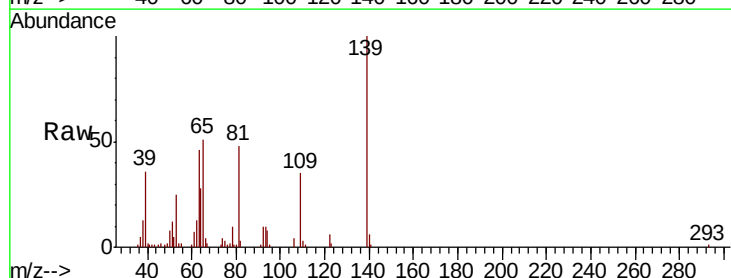
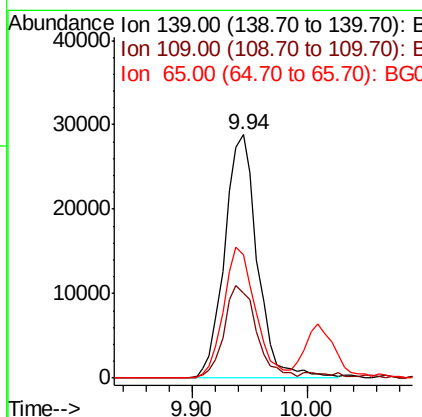
Manual Integrations
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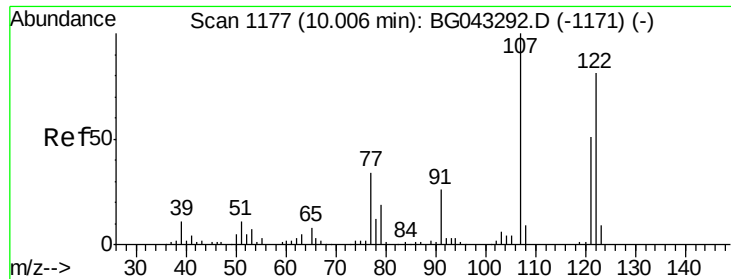
mohammad
10/30/2019 4:54:27 PM



#26
2-Nitrophenol
Concen: 44.410 ng
RT: 9.94 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	56582		
109	35.0		30.1	45.1
65	50.9		46.1	69.1





#27

2,4-Dimethylphenol

Concen: 49.387 ng

RT: 10.01 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

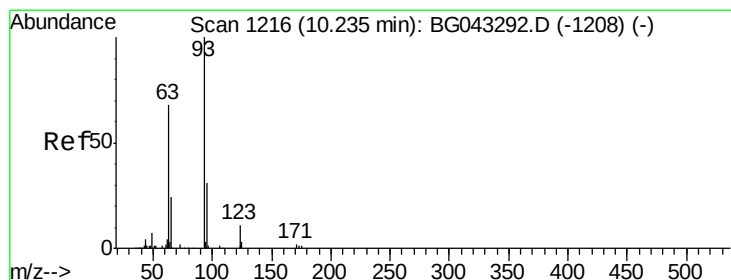
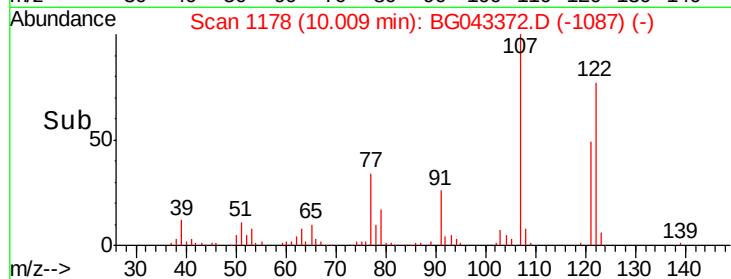
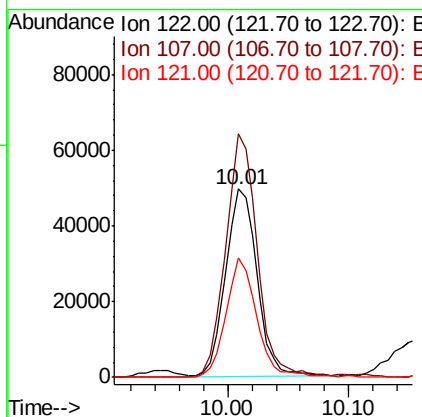
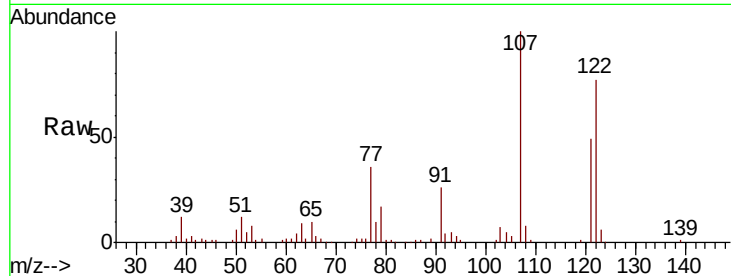
ClientSampleId :

PB124300BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.3	98.6	147.8
121	63.4	50.1	75.1

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 39.477 ng

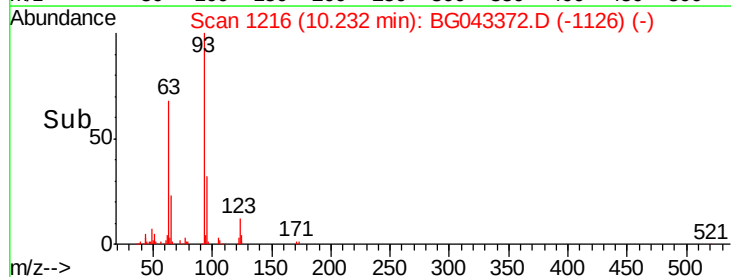
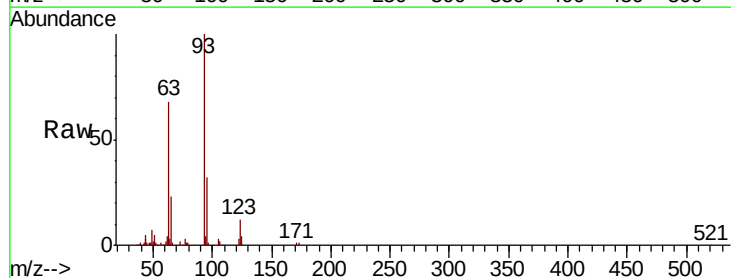
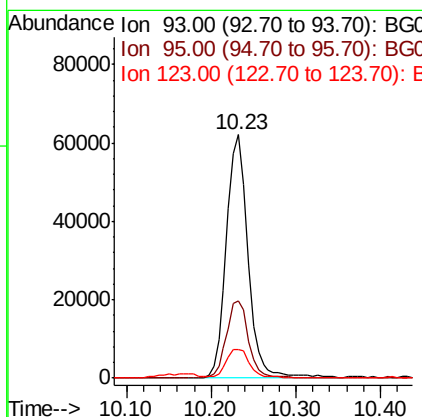
RT: 10.23 min Scan# 1216

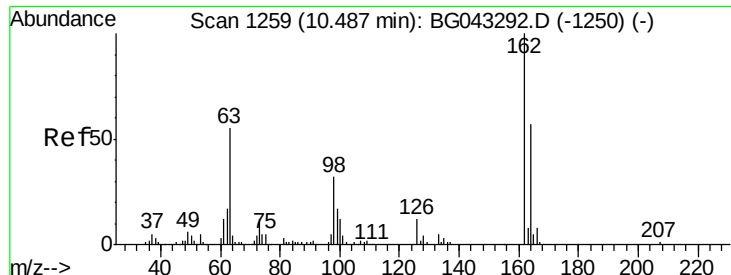
Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.9	37.3
123	11.5	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 44.929 ng

RT: 10.49 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

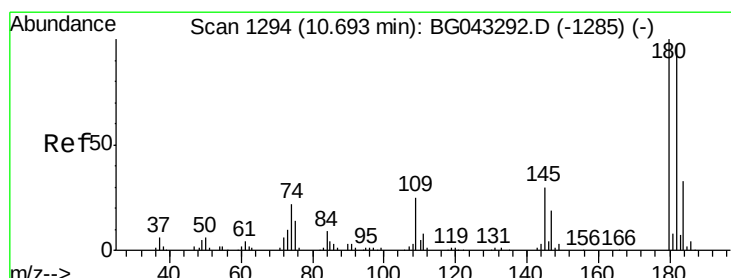
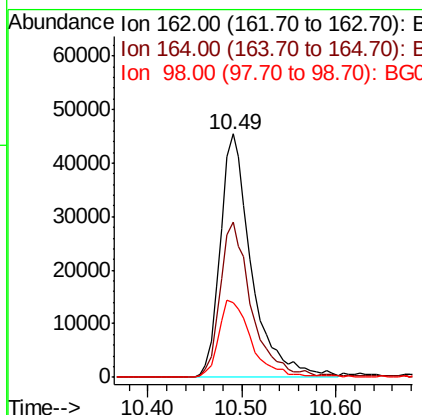
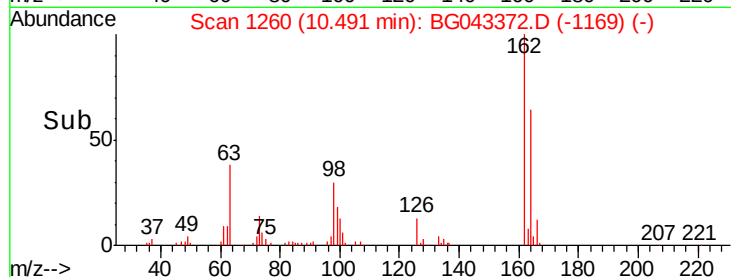
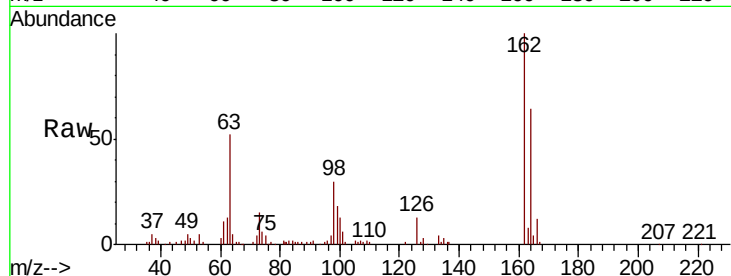
ClientSampleId :

PB124300BS

Tot Ion:	162	Resp:	105122
Ion Ratio	Lower	Upper	
162	100		
164	63.7	37.3	77.3
98	30.5	11.8	51.8

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 40.554 ng

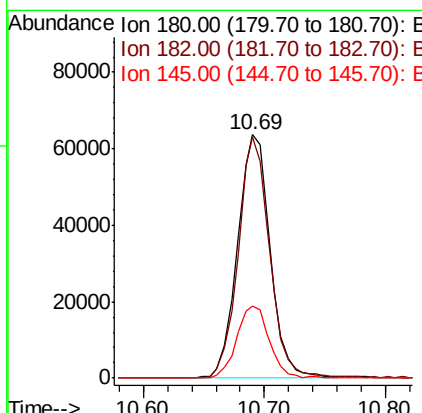
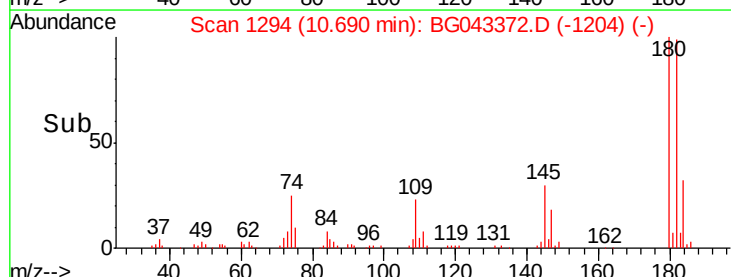
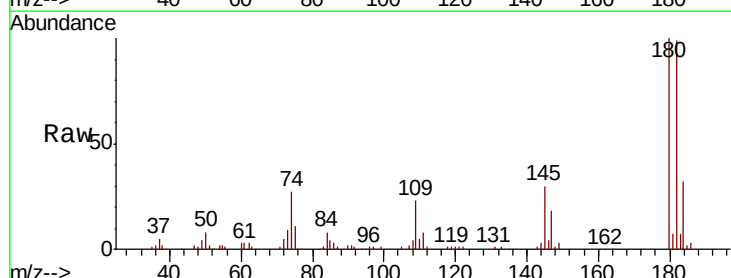
RT: 10.69 min Scan# 1294

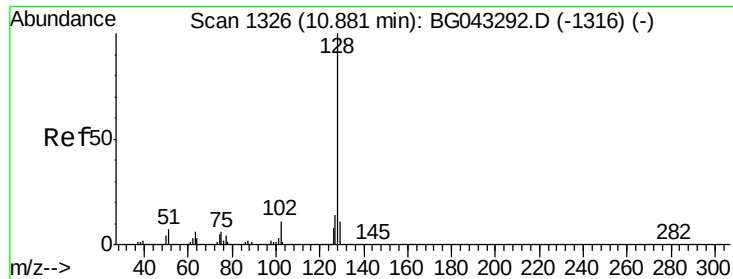
Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Tgt Ion:	180	Resp:	119591
Ion Ratio	Lower	Upper	
180	100		
182	98.8	77.8	116.8
145	29.8	23.6	35.4





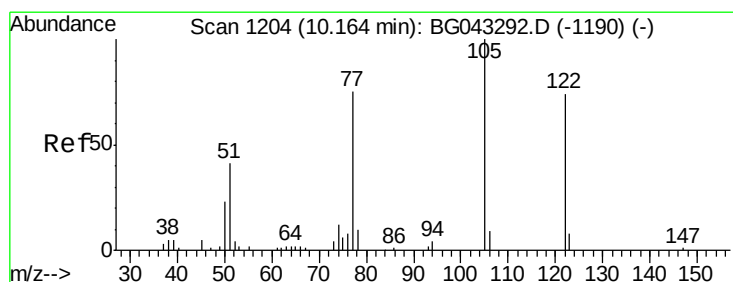
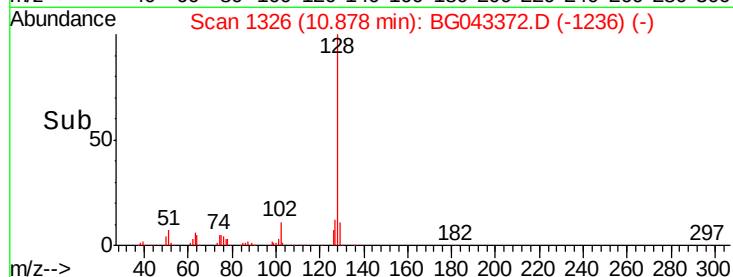
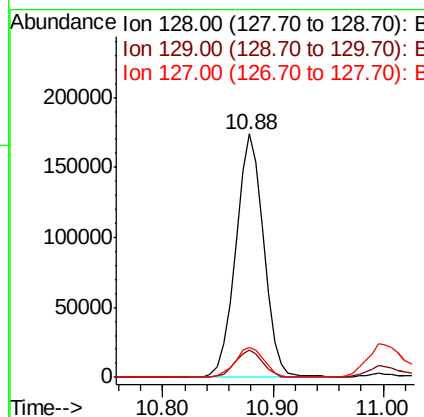
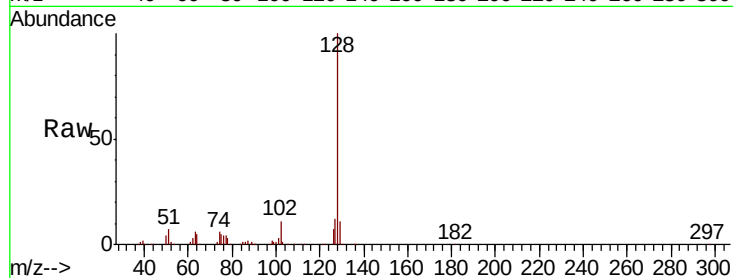
#31
Naphthalene
Concen: 42.591 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	8.6	12.8	
127	12.2	11.5	17.3	

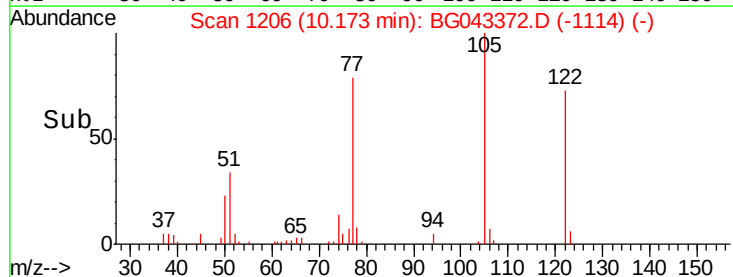
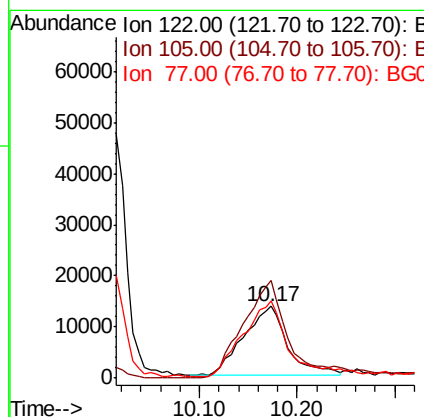
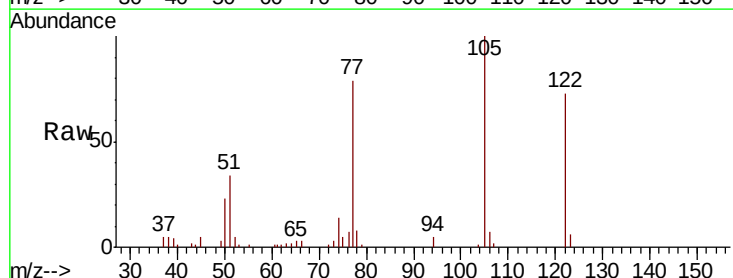
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APPROVED

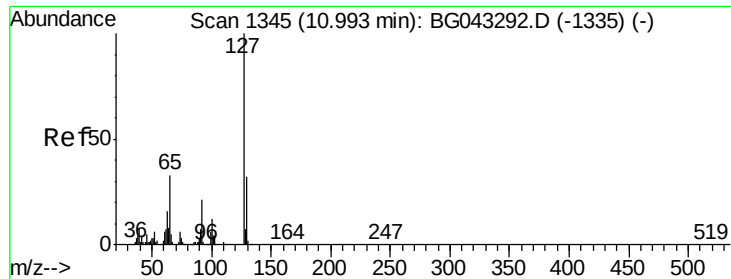
mohammad
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#32
Benzoic acid
Concen: 34.151 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	136.8	112.4	152.4	
77	108.2	82.7	122.7	





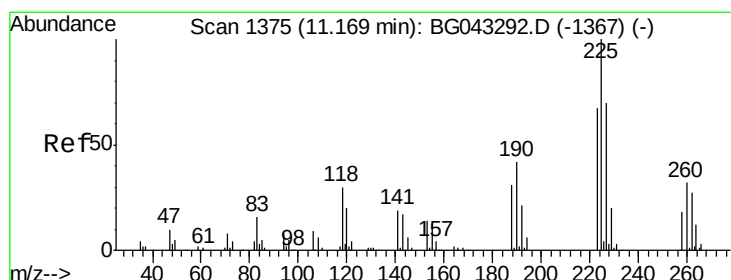
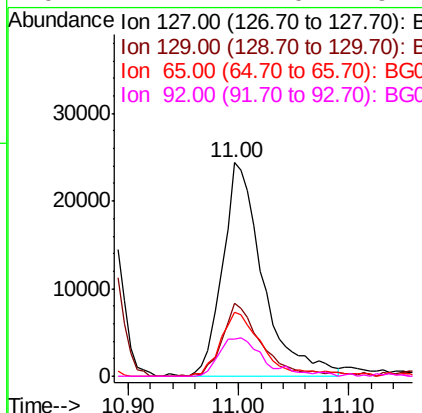
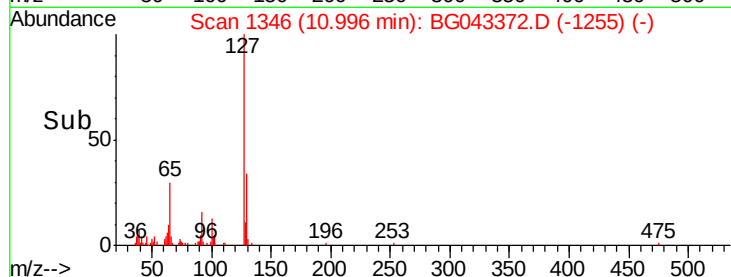
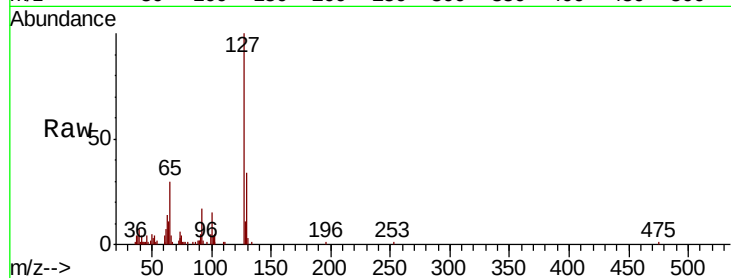
#33
4-Chloroaniline
Concen: 20.910 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		62138		
129	34.3	25.8	38.8		
65	30.0	26.2	39.2		
92	17.1	17.0	25.4		

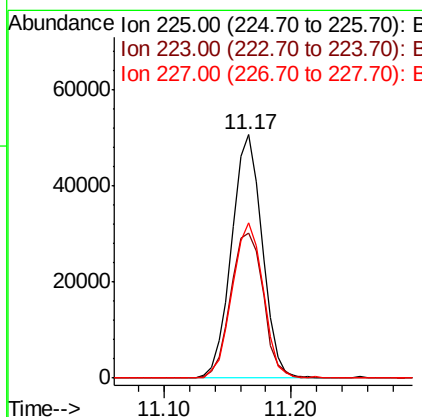
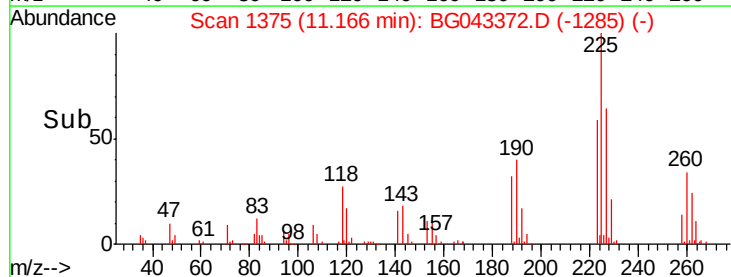
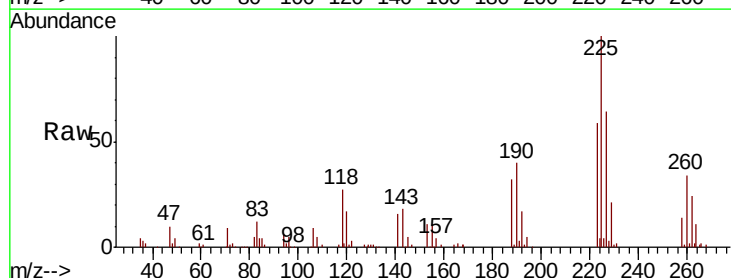
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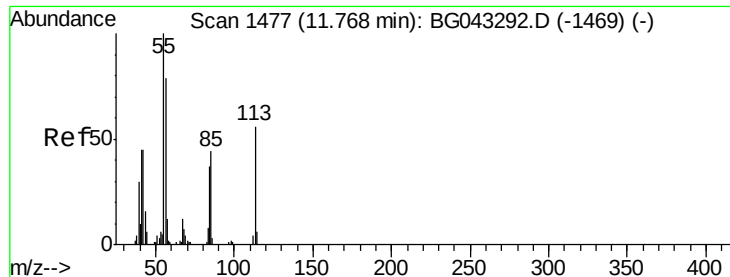
mohammad
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#34
Hexachlorobutadiene
Concen: 38.779 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		84535		
223	59.4	53.2	79.8		
227	63.8	56.2	84.2		





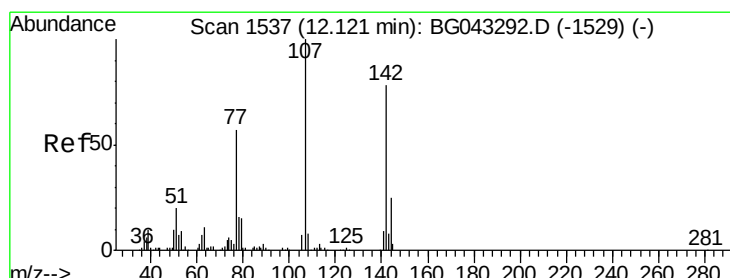
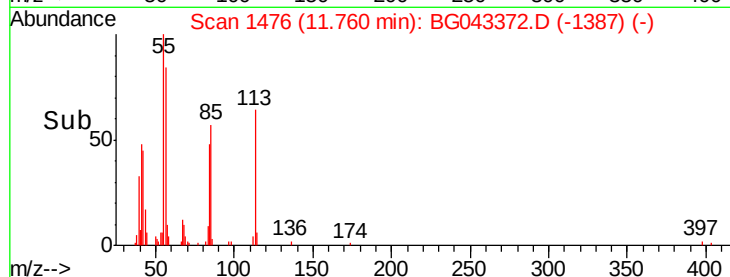
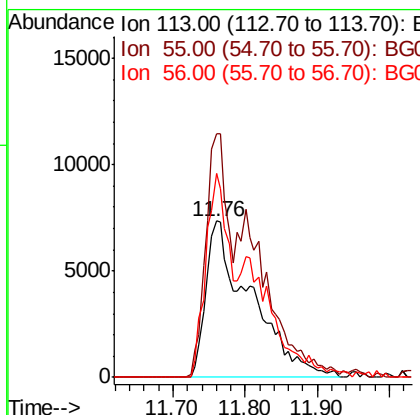
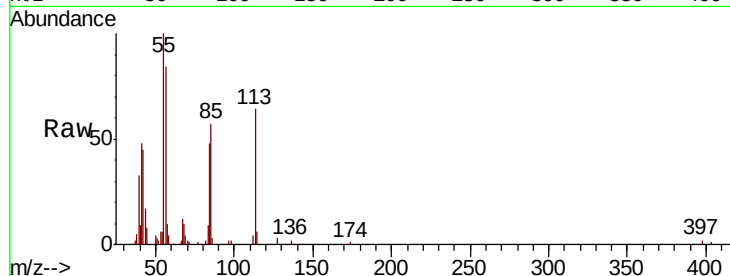
#35
 Caprolactam
 Concen: 39.202 ng/ml
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124300BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	155.9		158.9	198.9#	
56	130.3		121.4	161.4	

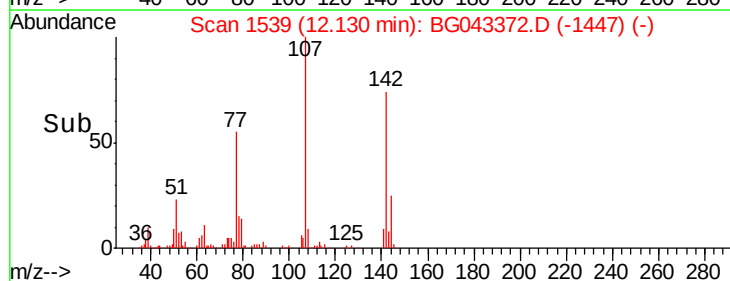
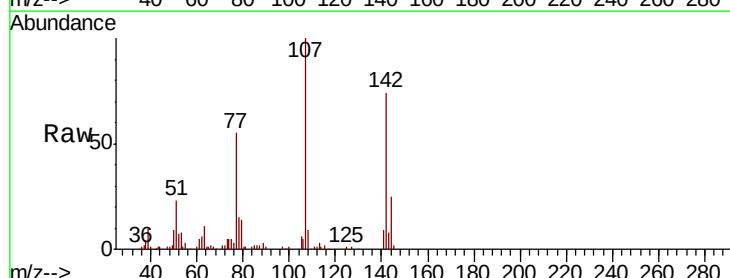
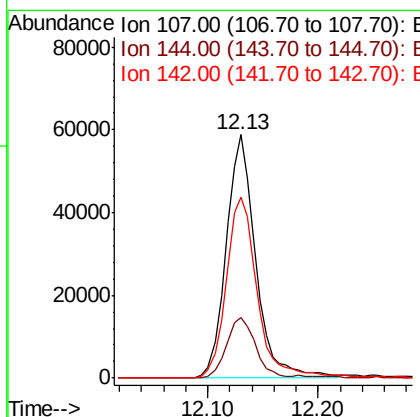
Manual Integrations
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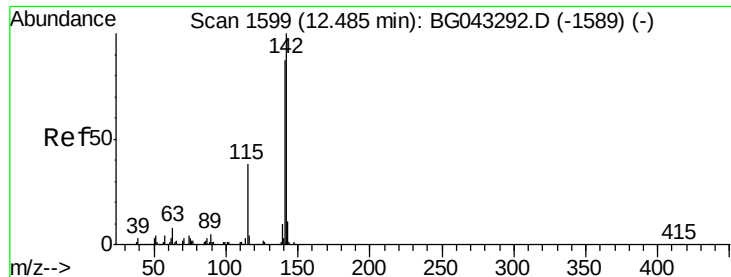
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 43.114 ng/ml
 RT: 12.13 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.7		19.9	29.9	
142	74.3		62.1	93.1	





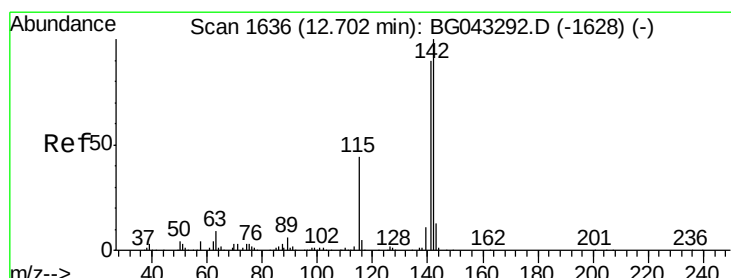
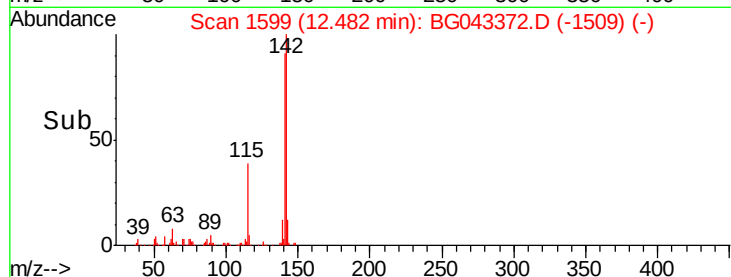
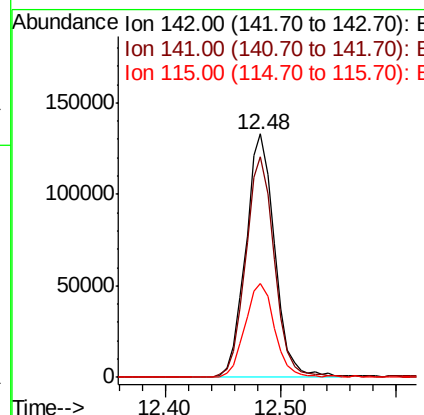
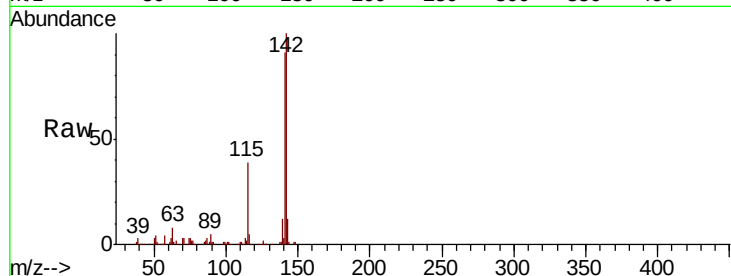
#37
2-Methylnaphthalene
Concen: 41.632 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	69.7	104.5
115	38.6	30.6	46.0

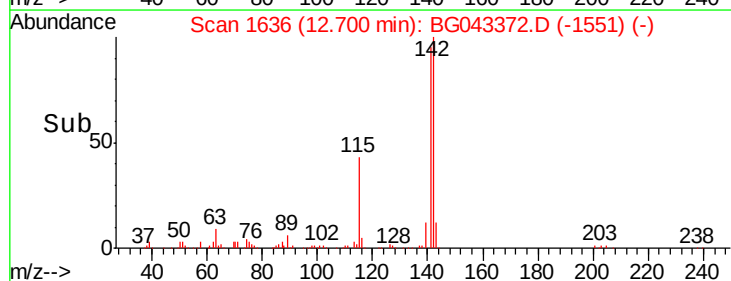
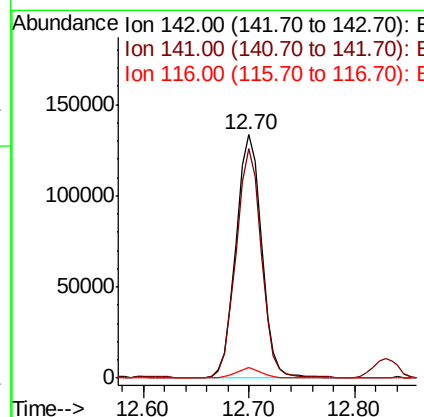
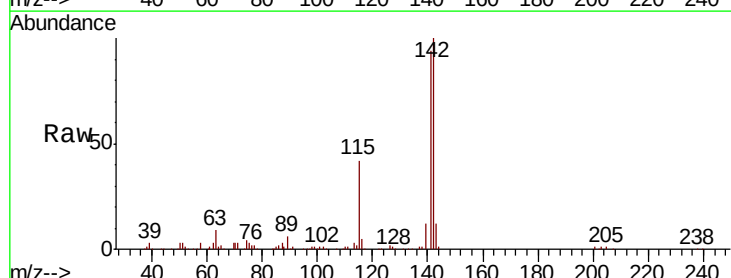
Manual Integrations
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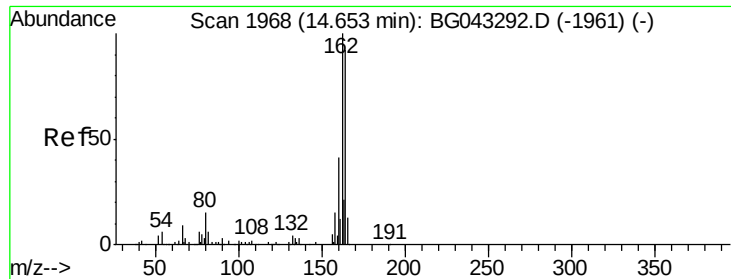
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#38
1-Methylnaphthalene
Concen: 41.788 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	72.3	108.5
116	4.6	3.8	5.6





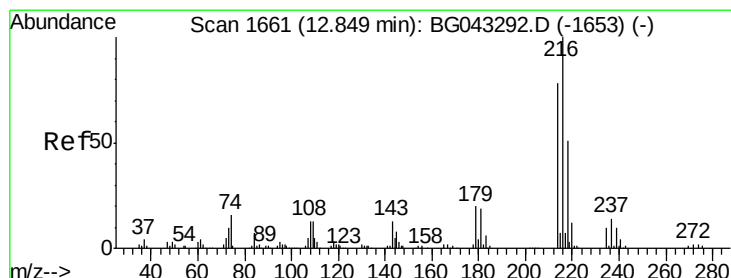
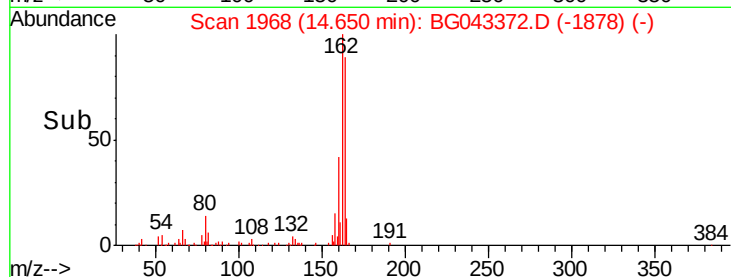
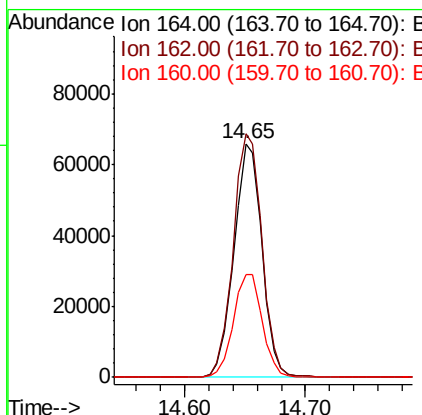
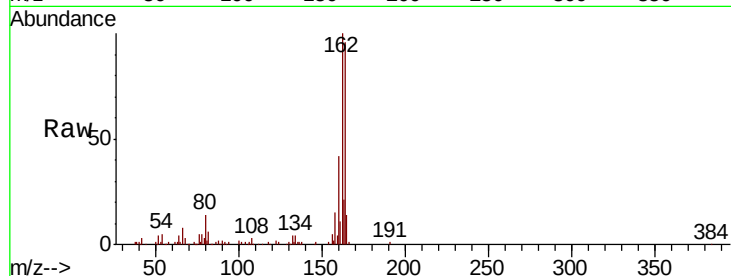
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	87.0	130.4
160	44.0	35.5	53.3

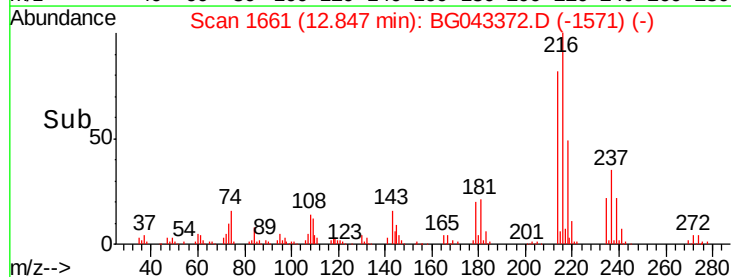
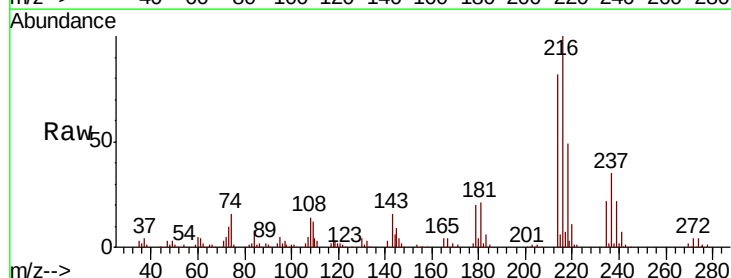
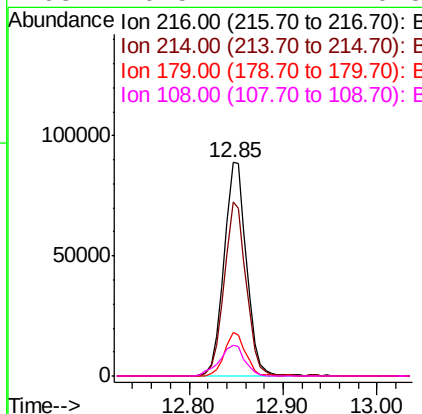
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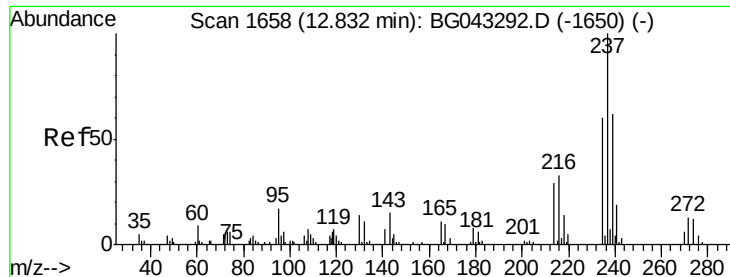
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.557 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.5	95.3
179	19.1	16.2	24.2
108	16.5	11.2	16.8





#41

Hexachlorocyclopentadiene

Concen: 86.111 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

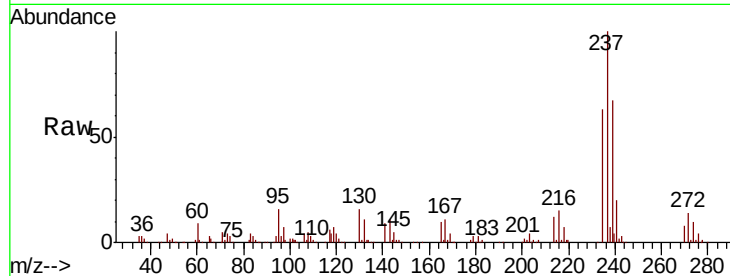
ClientSampleId :

PB124300BS

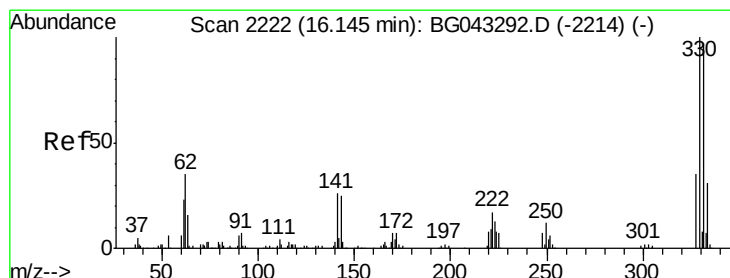
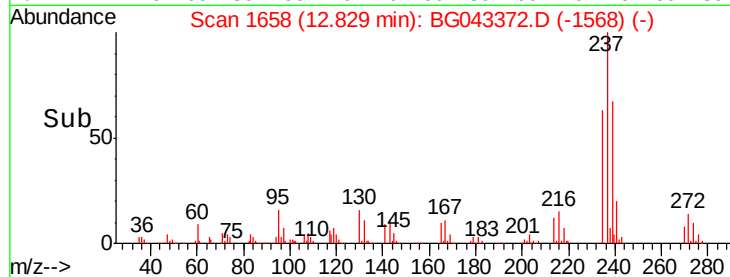
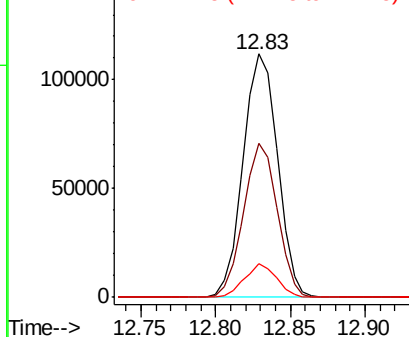
Tot Ion:	237	Resp:	178617
Ion Ratio		Lower	Upper
237	100		
235	63.1	40.3	80.3
272	13.7	0.0	32.9

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



#42

2,4,6-Tribromophenol

Concen: 106.803 ng

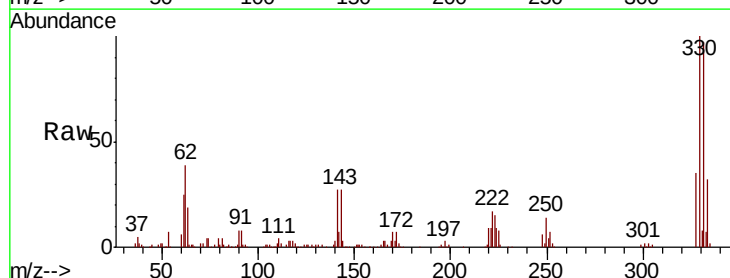
RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

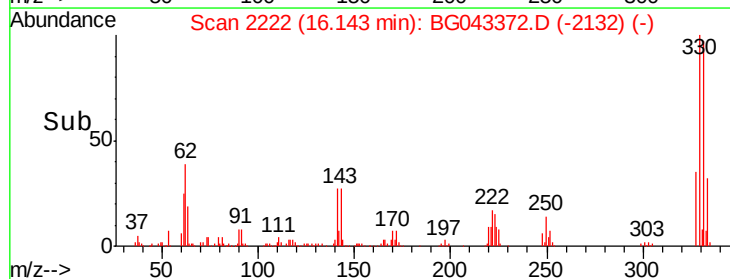
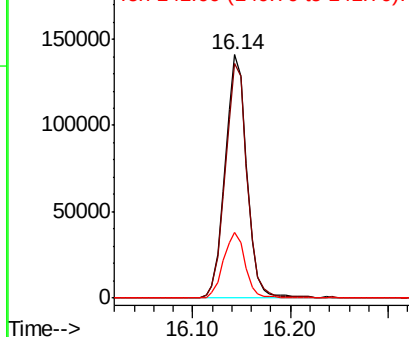
Lab File: BG043372.D

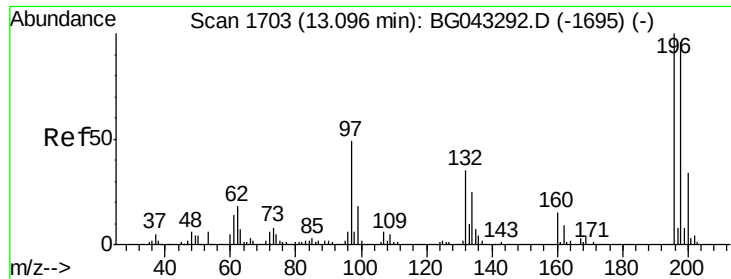
Acq: 29 Oct 2019 13:49

Tgt Ion:	330	Resp:	216855
Ion Ratio		Lower	Upper
330	100		
332	97.8	76.4	114.6
141	27.4	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





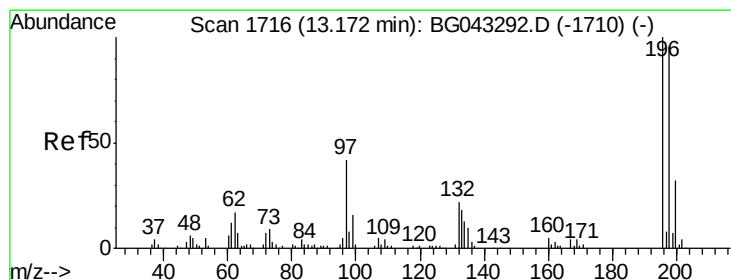
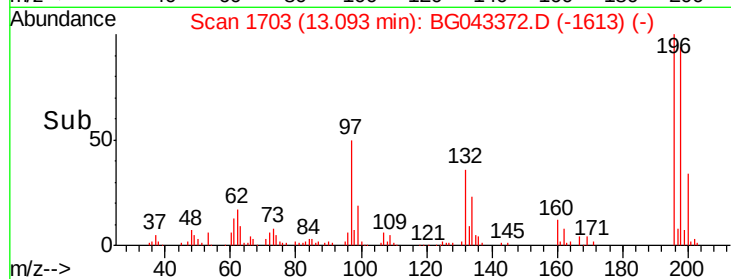
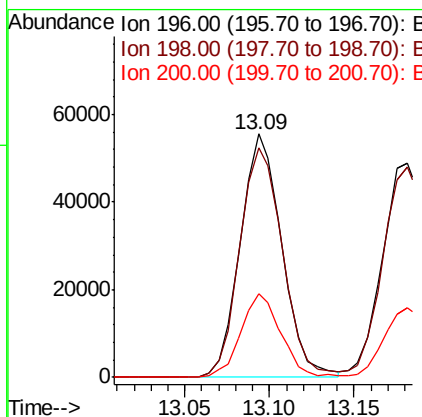
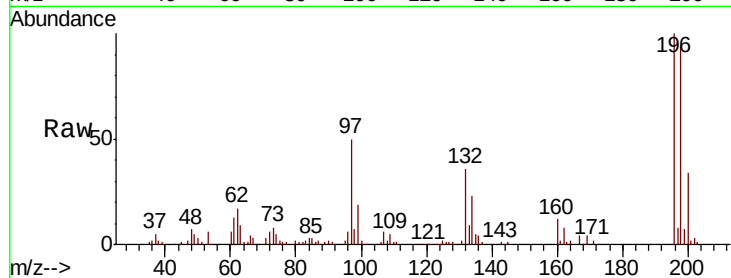
#43
 2,4,6-Trichlorophenol
 Concen: 40.886 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124300BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	95076		
198	94.3		77.0	115.4
200	34.3		27.4	41.2

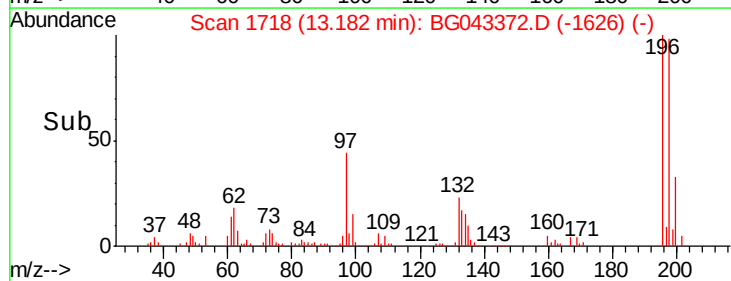
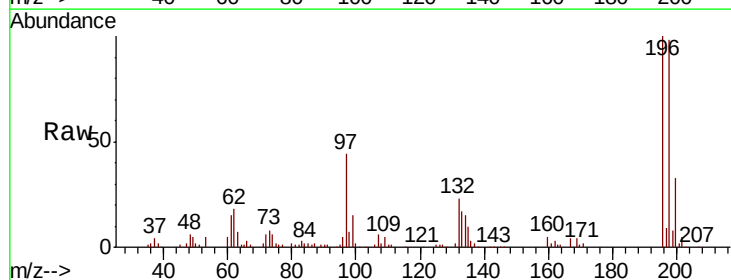
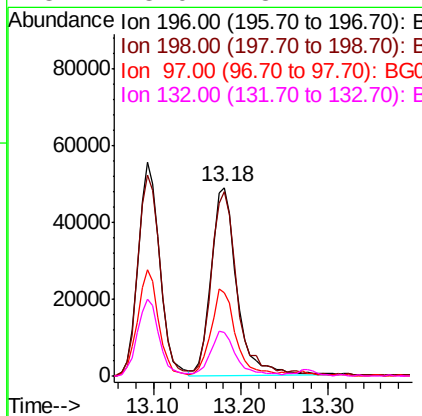
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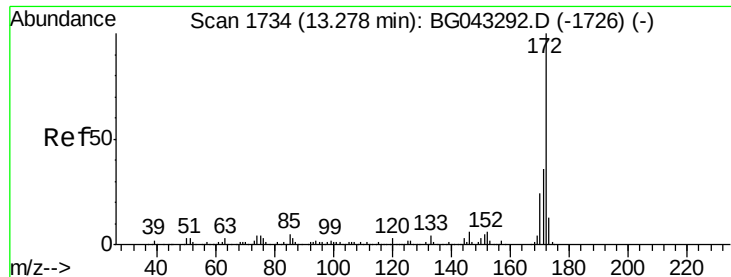
mohammad
 10/30/2019 4:54:27 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.657 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	100284		
198	97.8		76.6	114.8
97	44.0		34.1	51.1
132	23.0		18.2	27.4





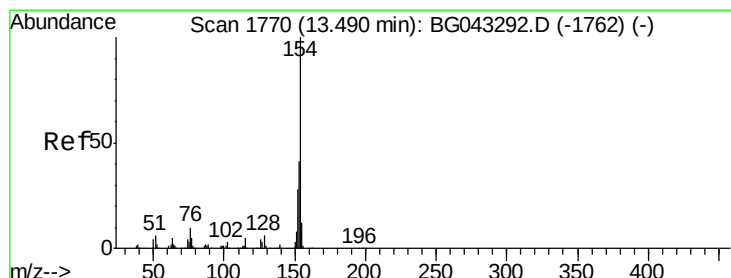
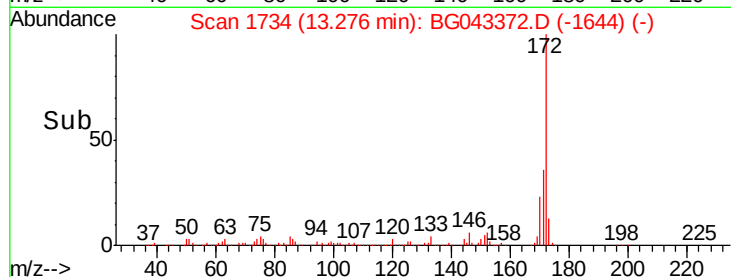
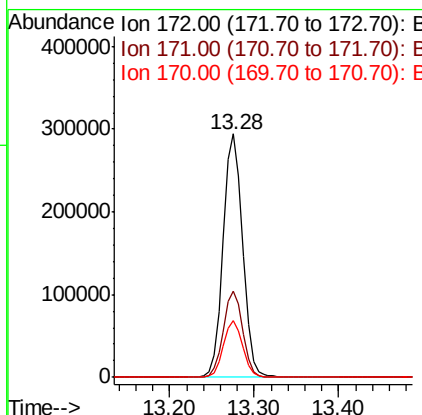
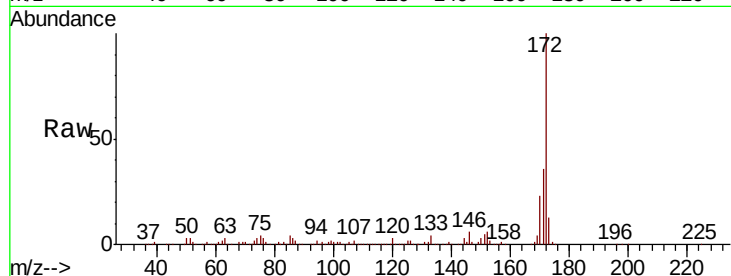
#45
2-Fluorobiphenyl
Concen: 60.888 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.1	18.8	28.2

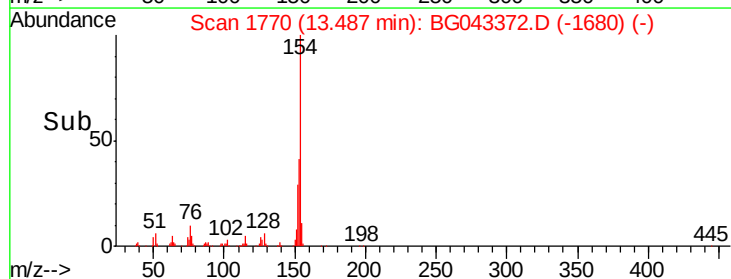
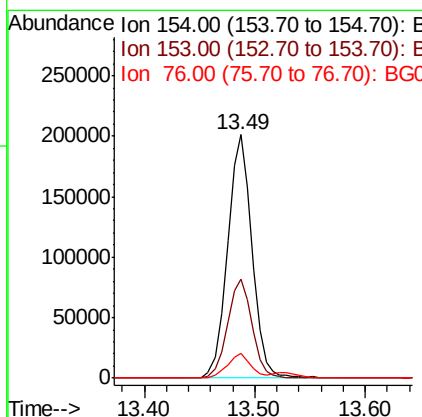
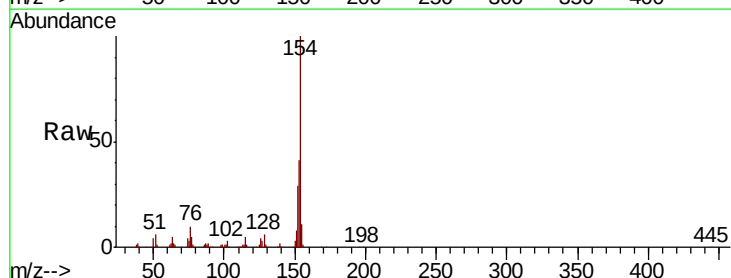
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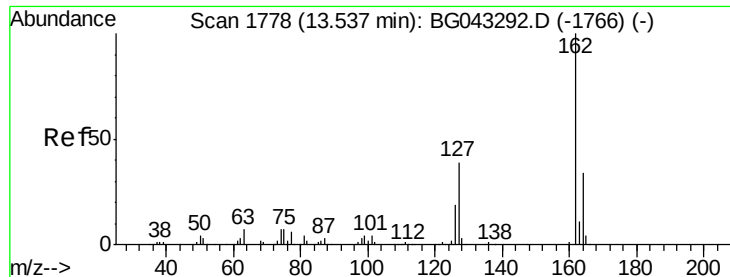
mohammad
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#46
1,1'-Biphenyl
Concen: 38.327 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.0	61.0
76	10.0	0.0	29.8





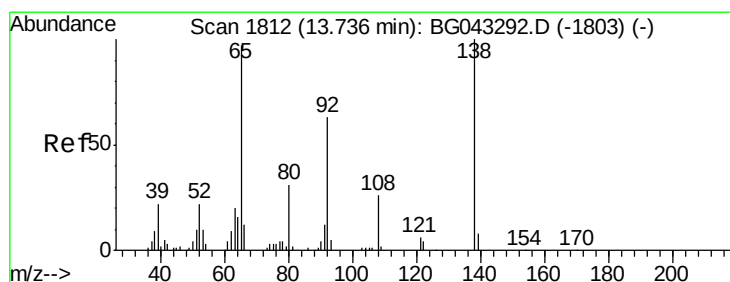
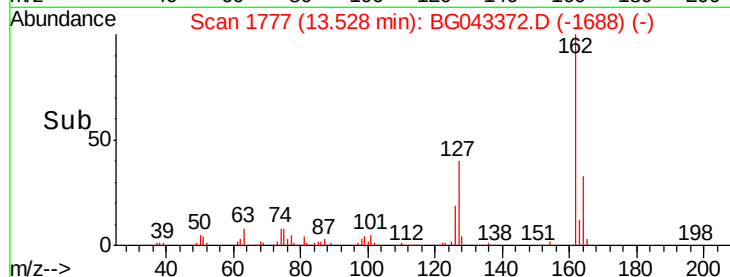
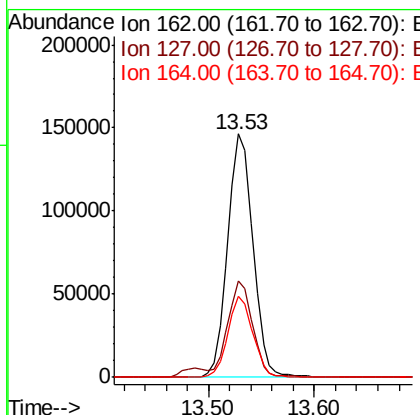
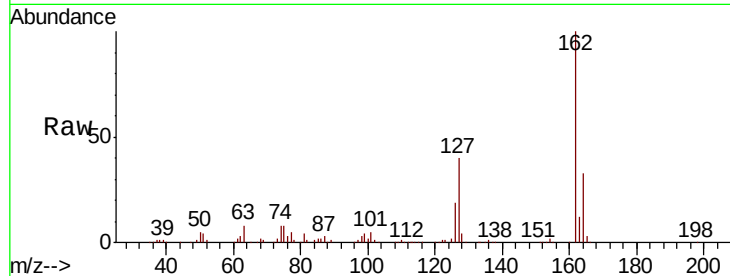
#47
2-Chloronaphthalene
Concen: 39.325 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	242867		
127	39.8		31.3	46.9
164	33.4		26.8	40.2

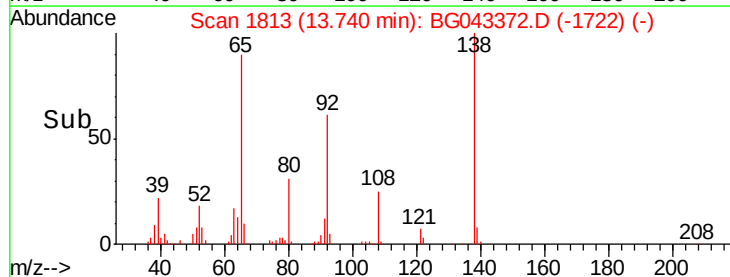
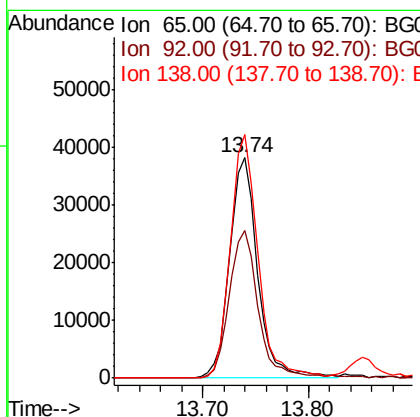
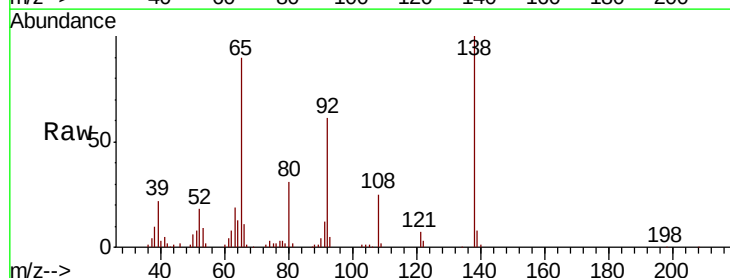
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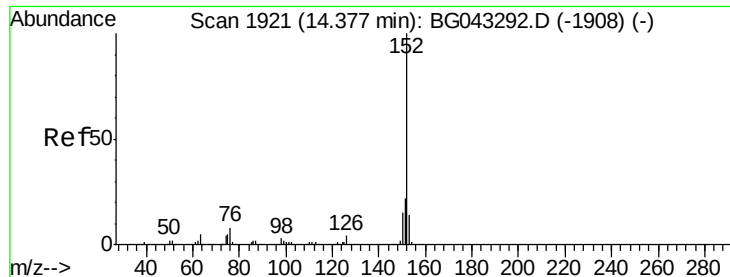
mohammad
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#48
2-Nitroaniline
Concen: 38.110 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	70345		
92	67.3		52.6	79.0
138	110.6		82.9	124.3





#49

Acenaphthylene

Concen: 41.074 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

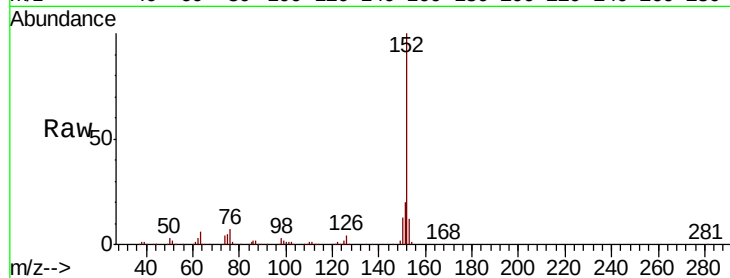
ClientSampleId :

PB124300BS

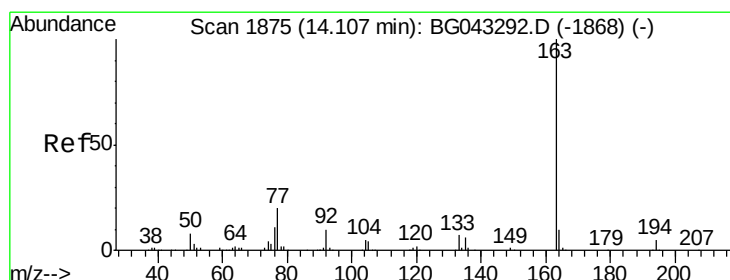
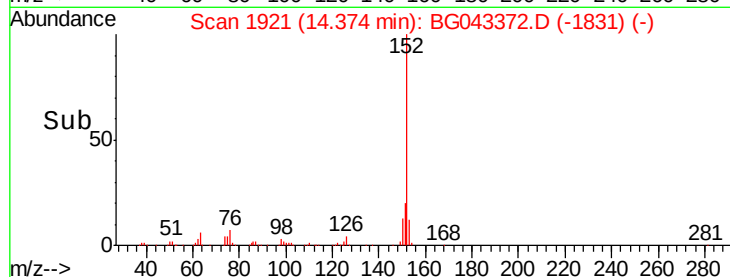
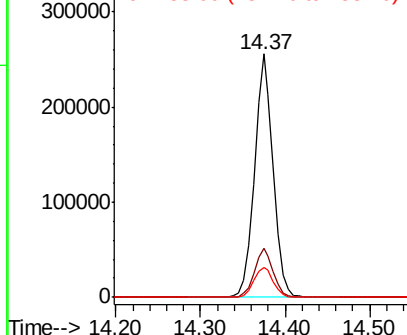
Tot Ion:	152	Resp:	394799
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.2	25.8
153	12.3	11.0	16.6

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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: 37.915 ng

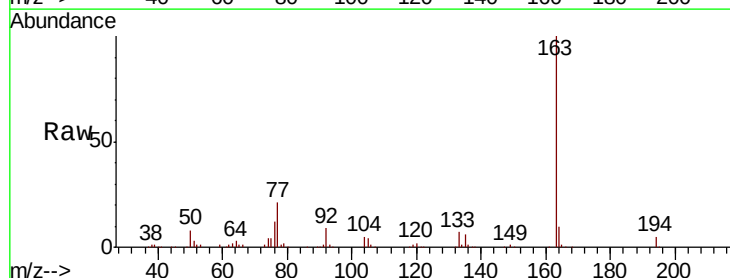
RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

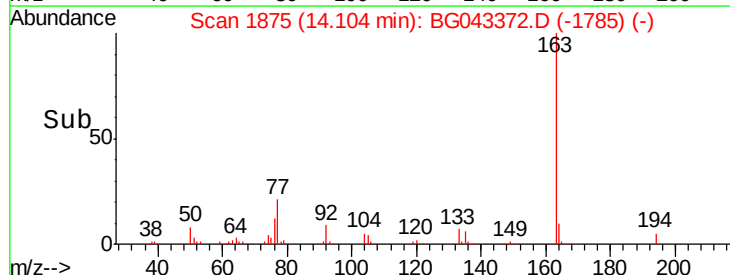
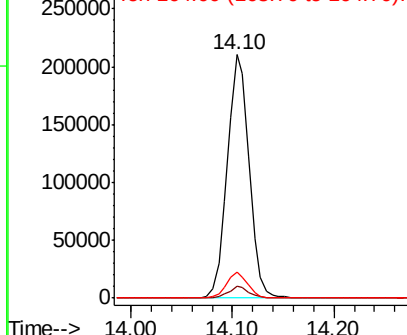
Lab File: BG043372.D

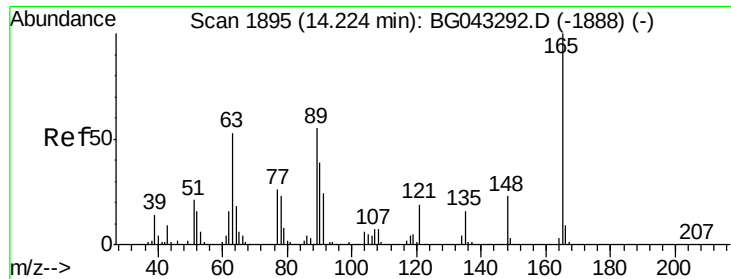
Acq: 29 Oct 2019 13:49

Tgt Ion:	163	Resp:	313343
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.7	5.5
164	10.5	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





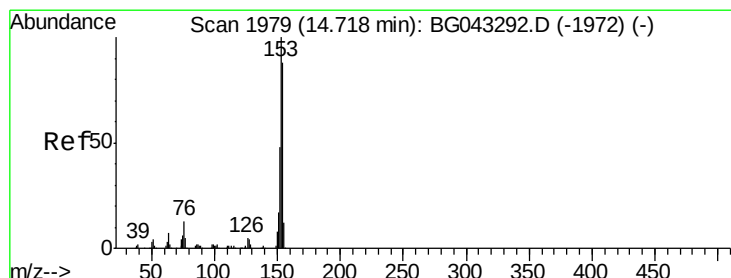
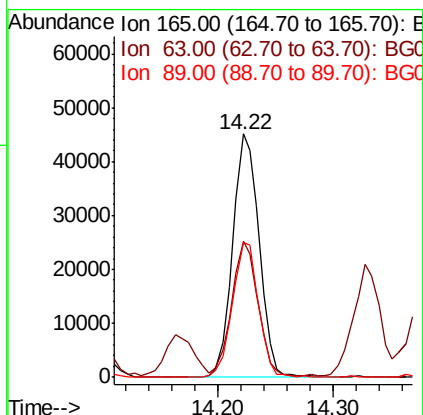
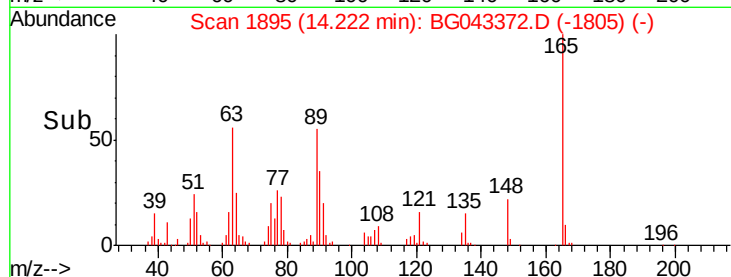
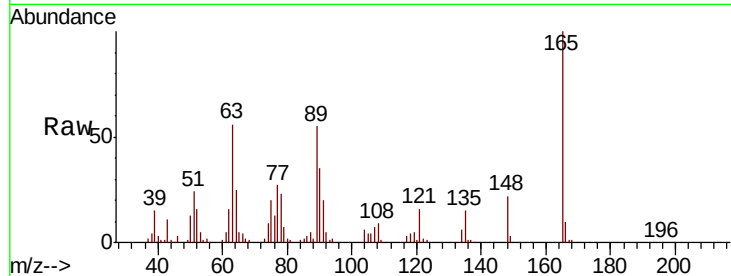
#51
 2,6-Dinitrotoluene
 Concen: 39.946 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124300BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.7	47.1	70.7
89	55.5	43.7	65.5

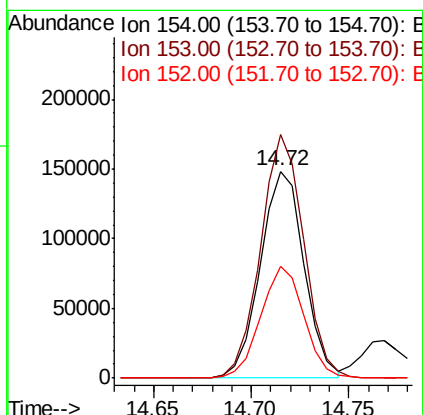
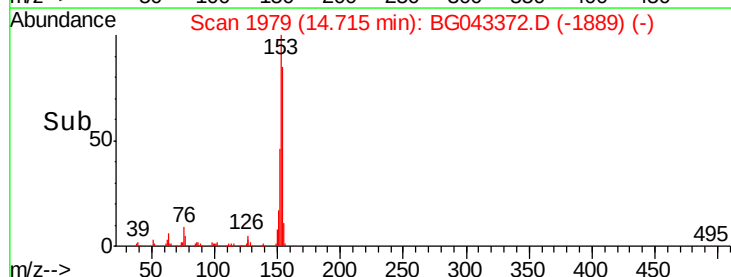
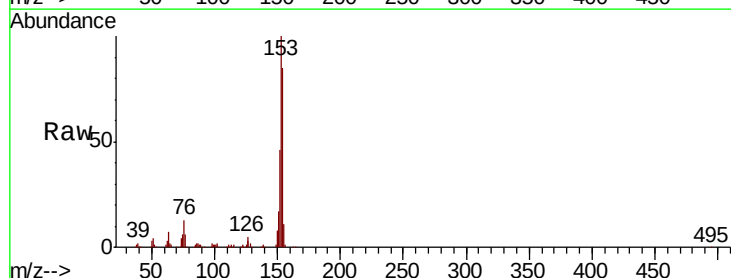
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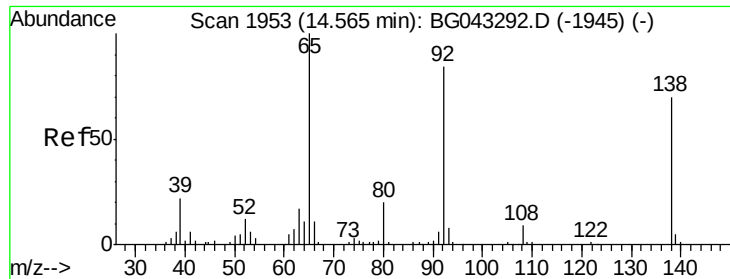
mohammad
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#52
 Acenaphthene
 Concen: 39.329 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.6	90.9	136.3
152	54.3	43.9	65.9





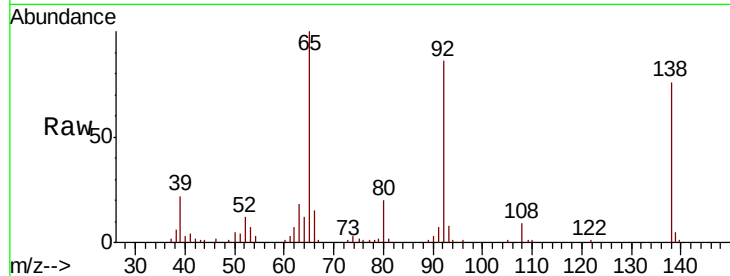
#53
3-Nitroaniline
Concen: 25.993 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.8	14.6
92	114.2	95.8	143.6

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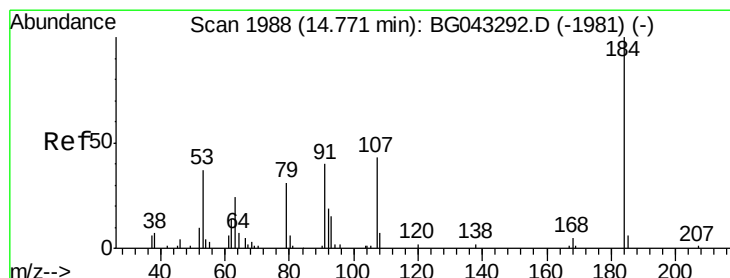
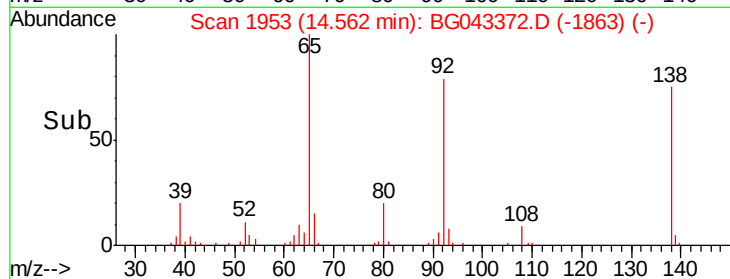
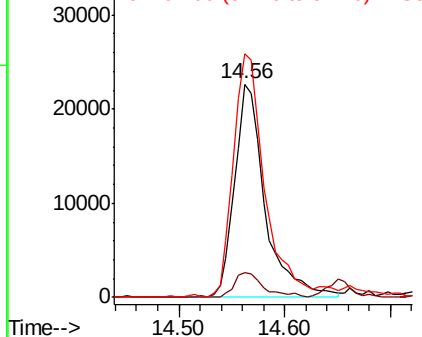


Abundance

Ion 138.00 (137.70 to 138.70): E

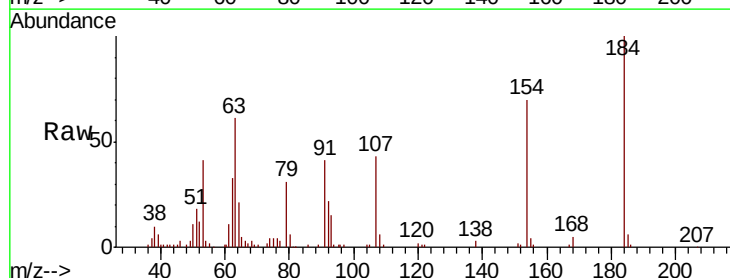
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 66.052 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.4	48.8	73.2
154	70.0	49.4	74.0

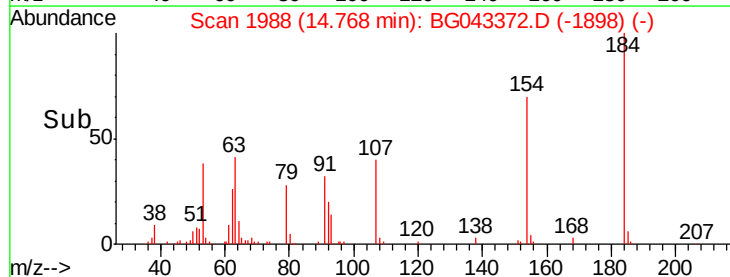
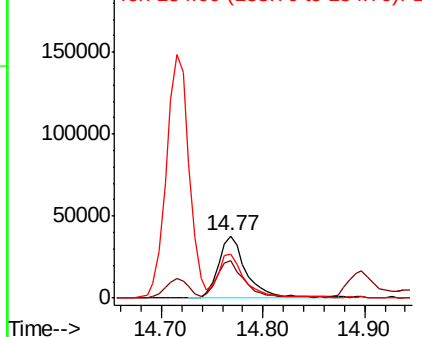


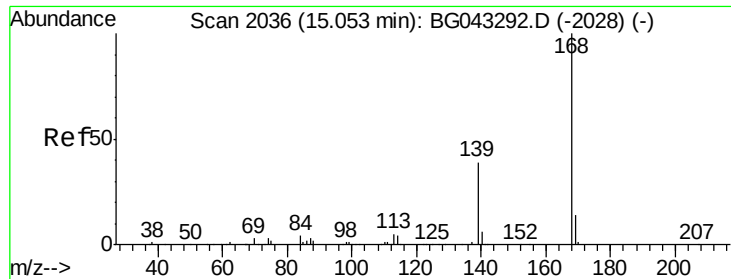
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





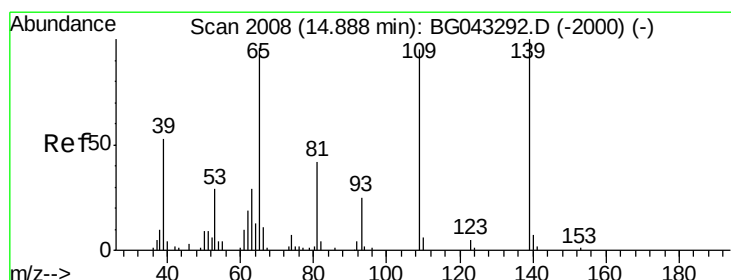
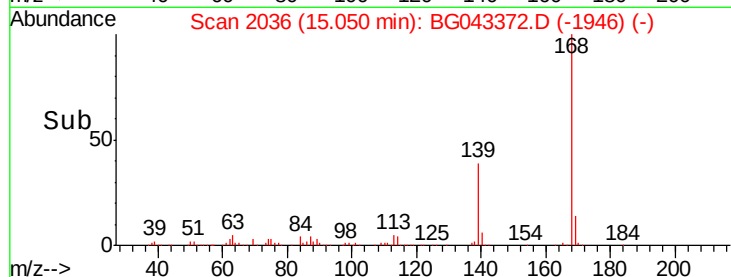
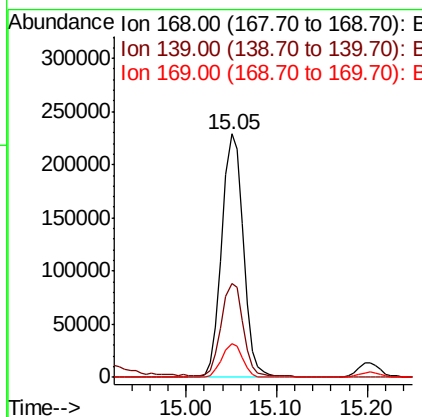
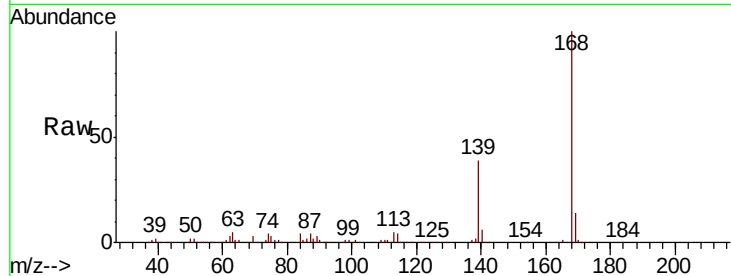
#55
Dibenzenofuran
Concen: 39.906 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.7	47.5
169	13.8	11.0	16.4

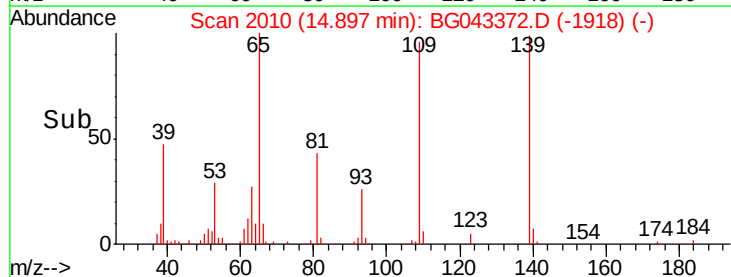
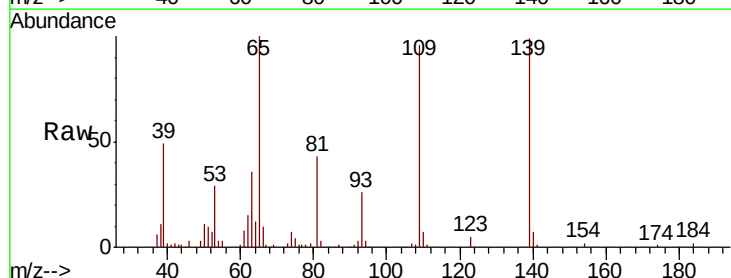
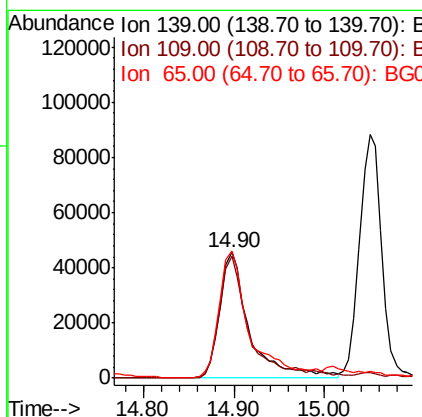
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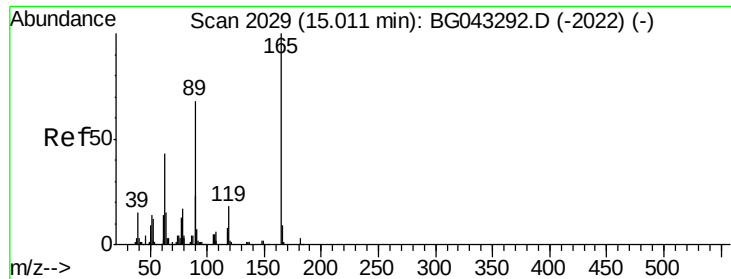
mohammad
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#56
4-Nitrophenol
Concen: 89.375 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.2	75.4	115.4
65	101.2	76.6	116.6





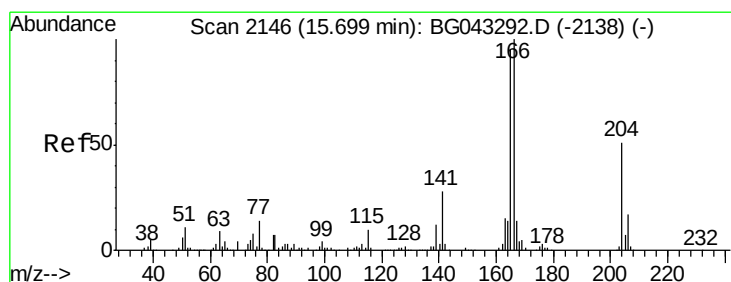
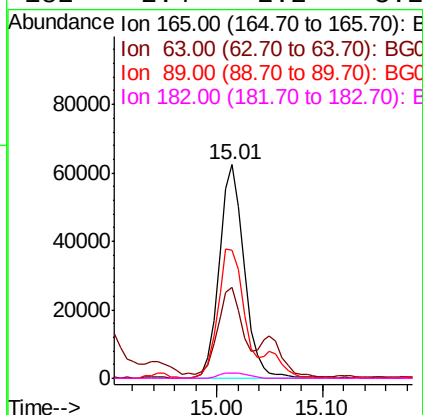
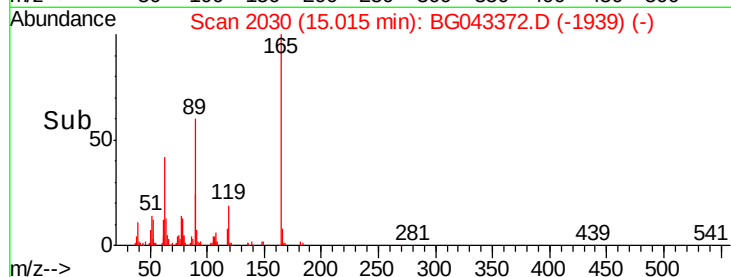
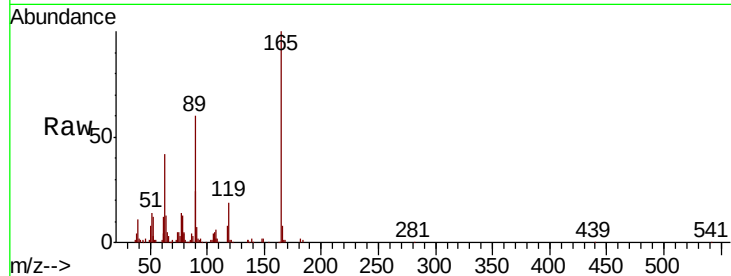
#57
2,4-Dinitrotoluene
Concen: 40.041 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	35.0	52.6
89	59.8	54.1	81.1
182	2.4	2.2	3.2

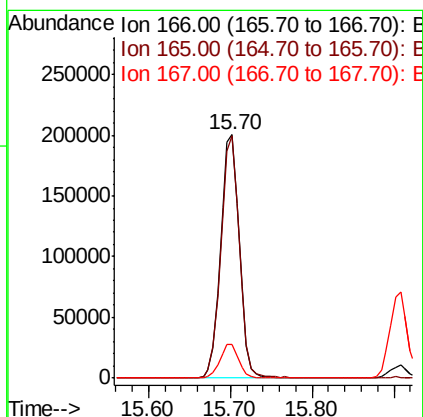
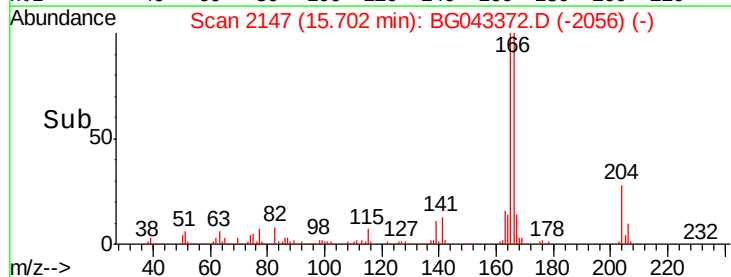
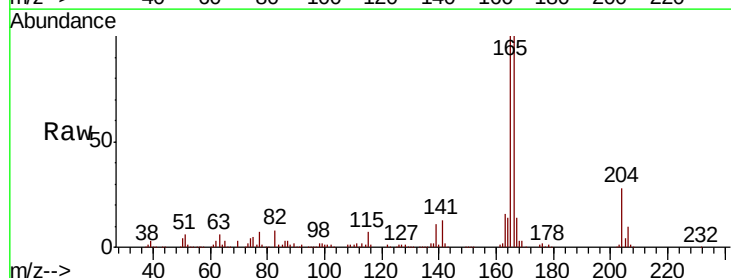
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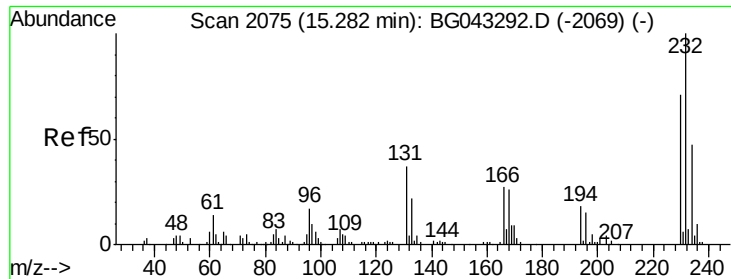
mohammad
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#58
Fluorene
Concen: 40.032 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	76.4	114.6
167	13.9	11.1	16.7





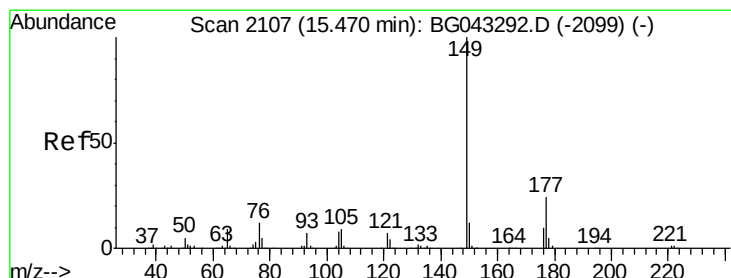
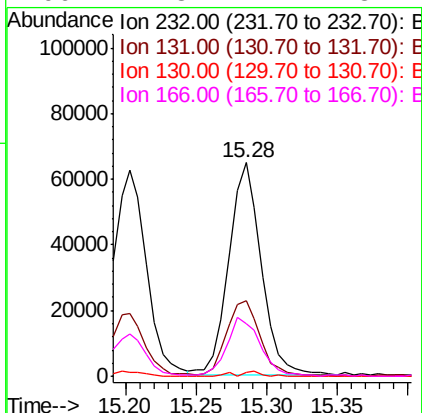
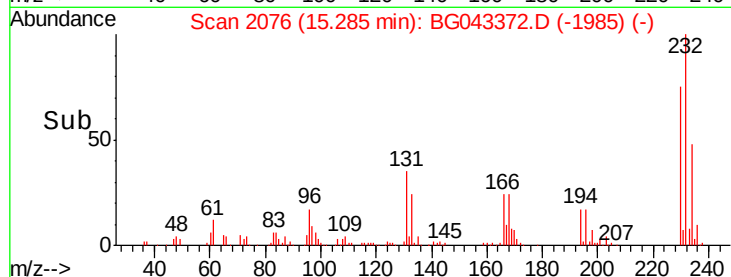
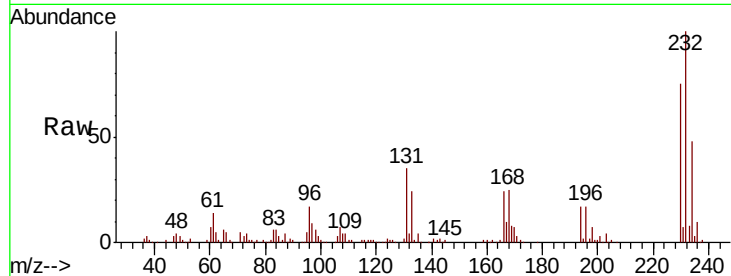
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.458 ng
RT: 15.28 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	36.0	28.7	43.1
130	1.7	0.6	0.8
166	27.8	21.1	31.7

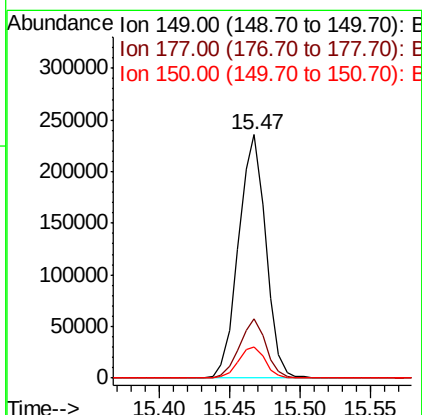
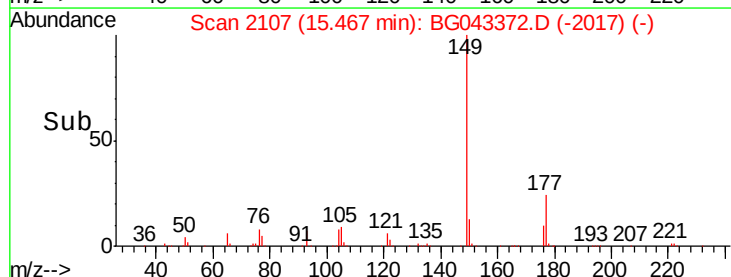
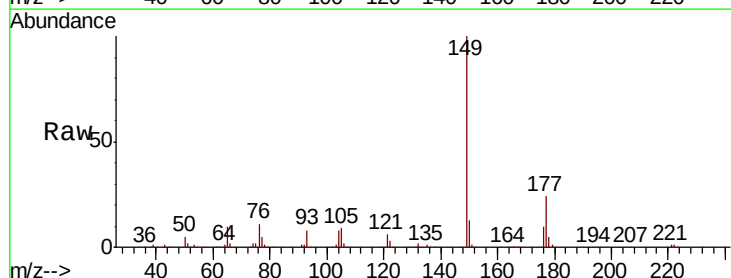
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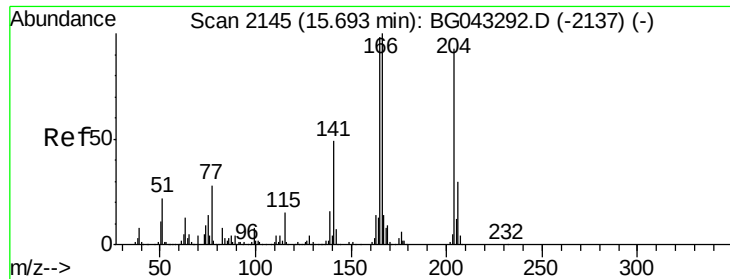
mohammad
10/30/2019 4:54:27 PM



#60
Diethylphthalate
Concen: 38.284 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	24.3	19.0	28.4
150	13.0	9.4	14.0





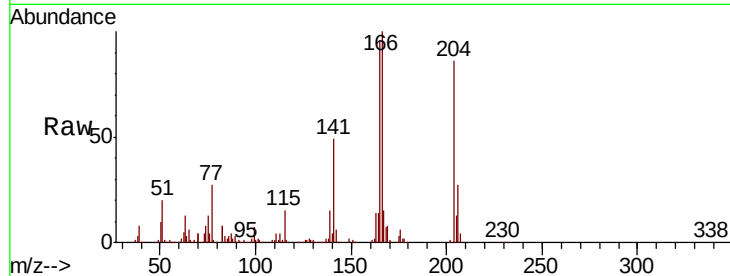
#61
4-Chlorophenyl-phenylether
Concen: 39.185 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	25.7	38.5
141	56.3	42.3	63.5

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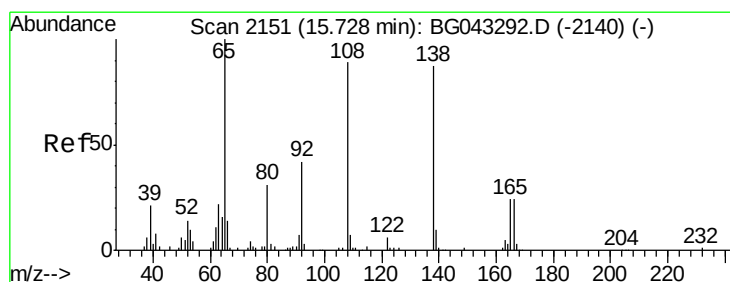
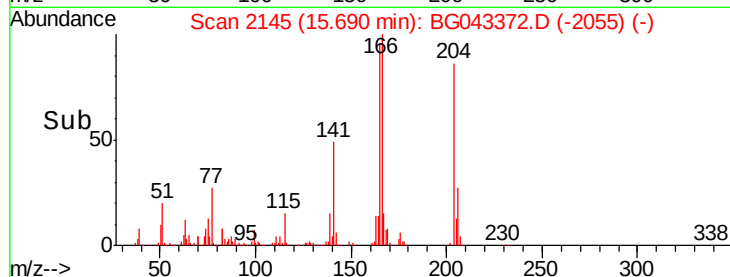
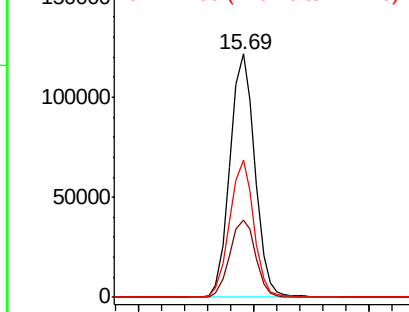


Abundance

Ion 204.00 (203.70 to 204.70): E

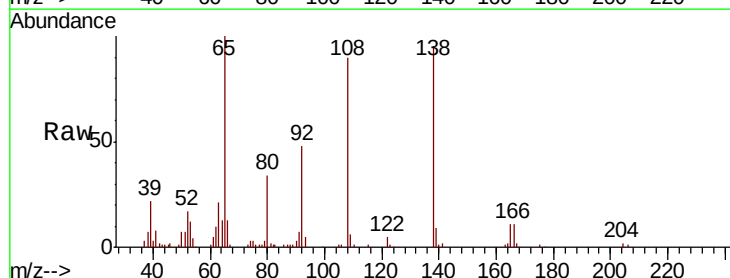
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.087 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	28.8	68.8
108	95.0	82.7	122.7

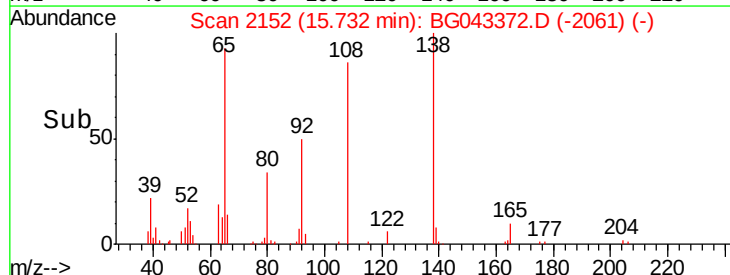
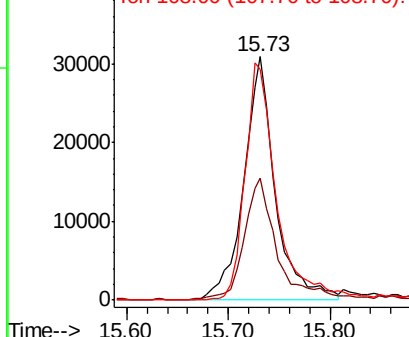


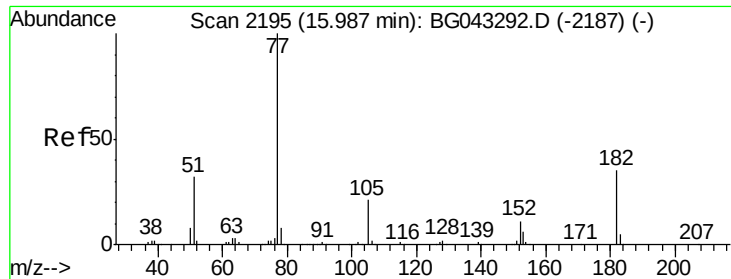
Abundance

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





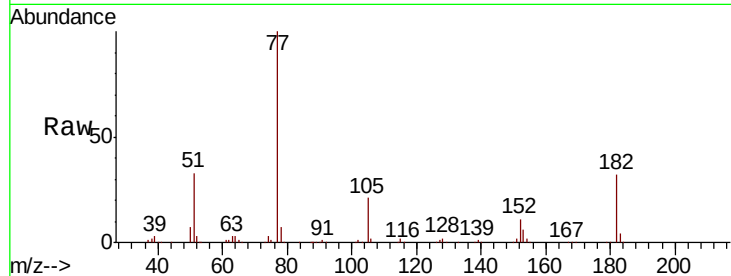
#63
Azobenzene
Concen: 39.546 ng
RT: 15.98 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

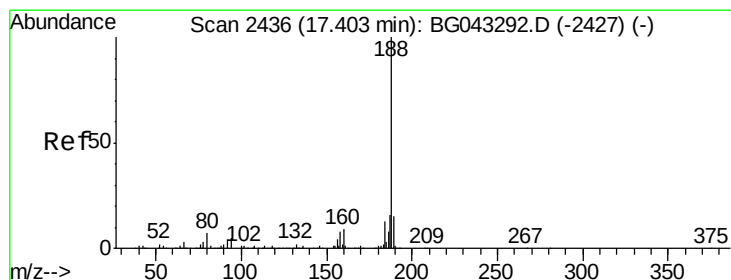
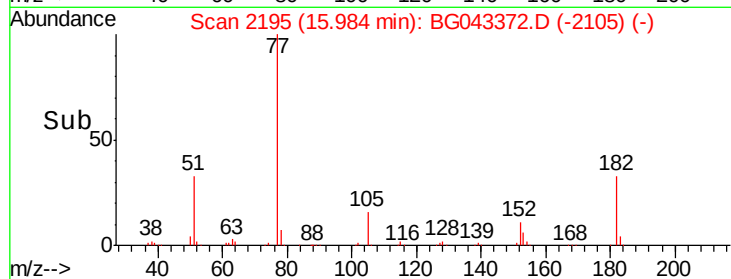
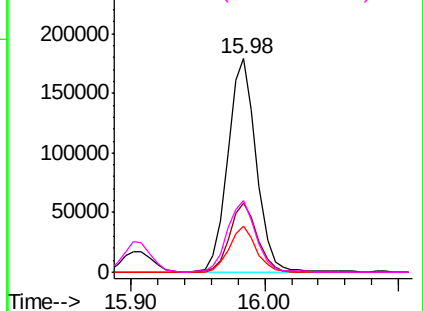
Tot Ion	Ratio	Lower	Upper
77	100		
182	32.2	14.9	54.9
105	21.3	0.6	40.6
51	33.3	12.5	52.5

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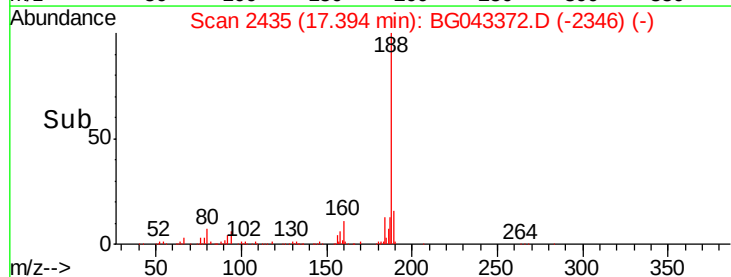
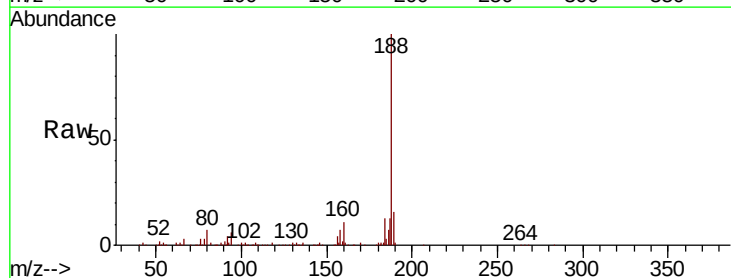
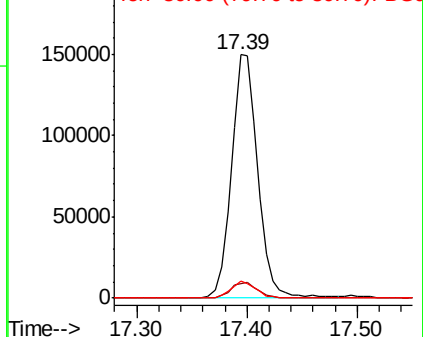
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

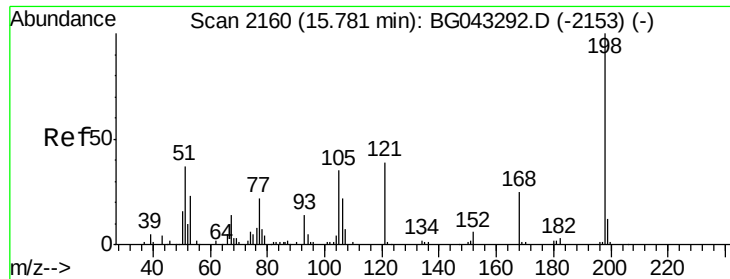


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.2	6.2
80	7.2	5.2	7.8

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





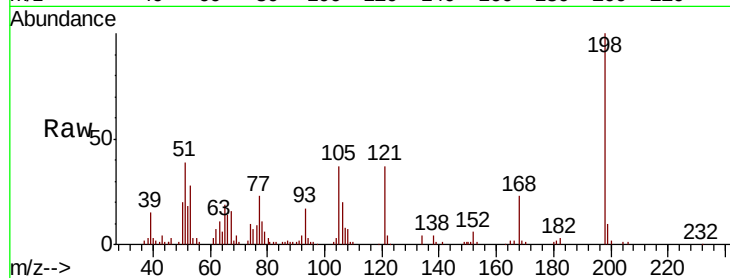
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.910 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Instrument :
 BNA_G
 ClientSampleID :
 PB124300BS

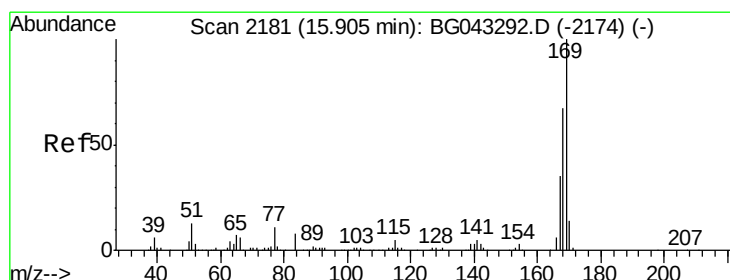
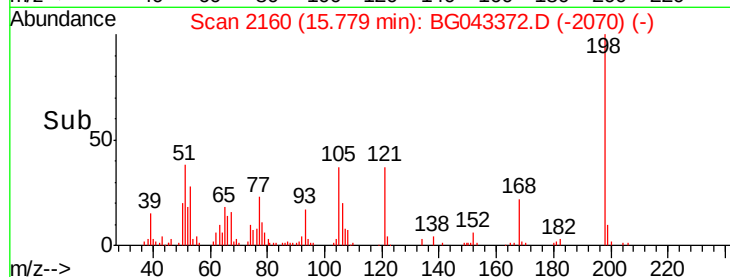
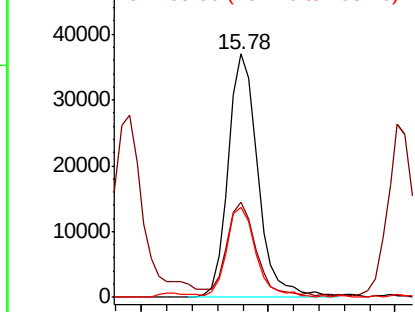
Tot Ion	Ratio	Lower	Upper
198	100		
51	38.8	21.4	61.4
105	36.7	16.5	56.5

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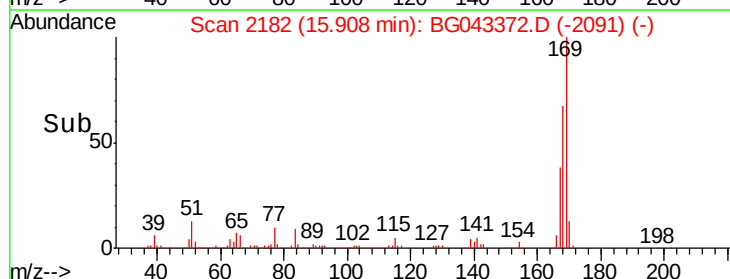
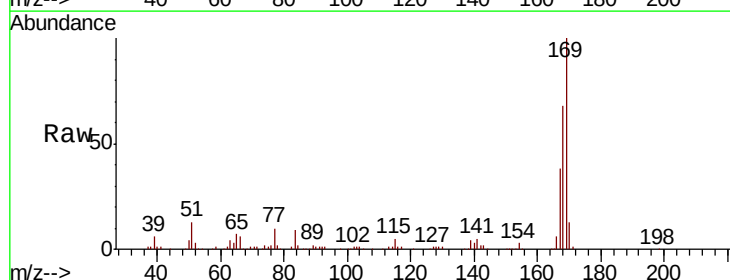
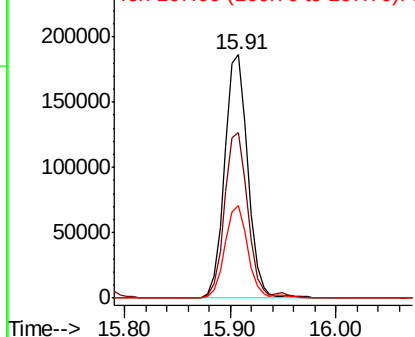
Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

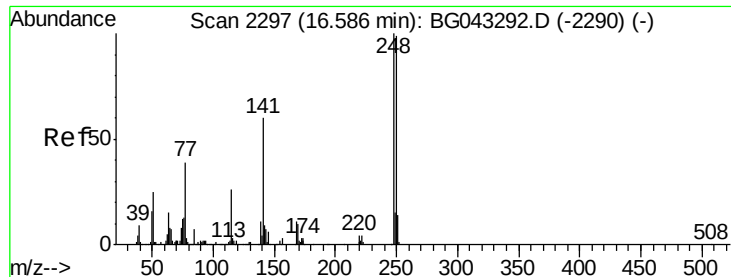


#66
 n-Nitrosodiphenylamine
 Concen: 40.065 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.9	80.9
167	38.1	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





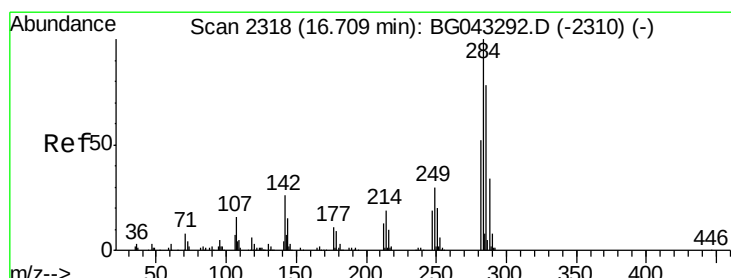
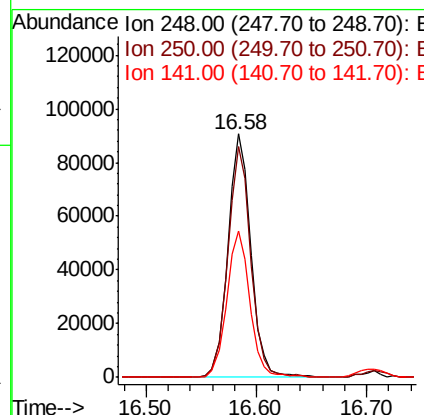
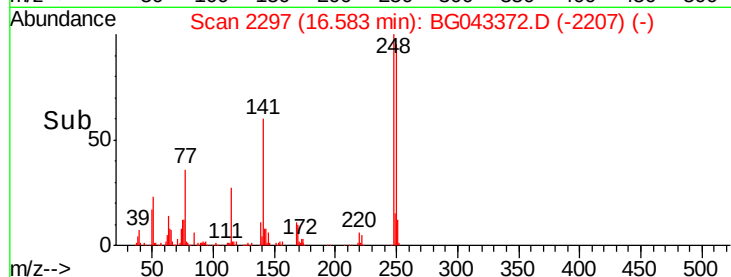
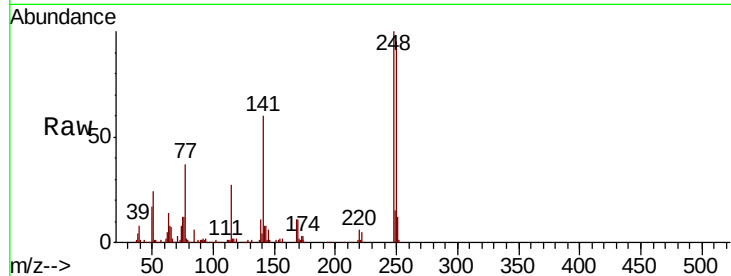
#67
4-Bromophenyl-phenylether
Concen: 39.096 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	79.3	118.9
141	60.1	47.9	71.9

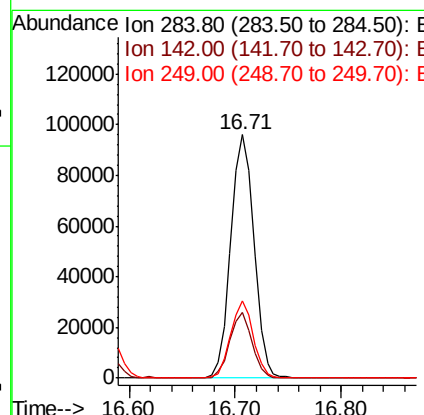
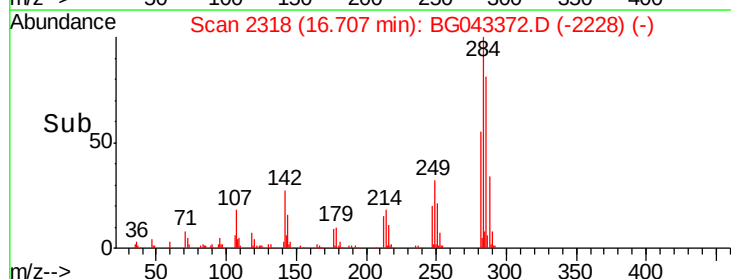
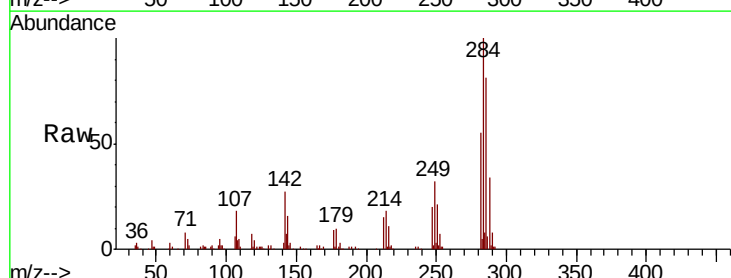
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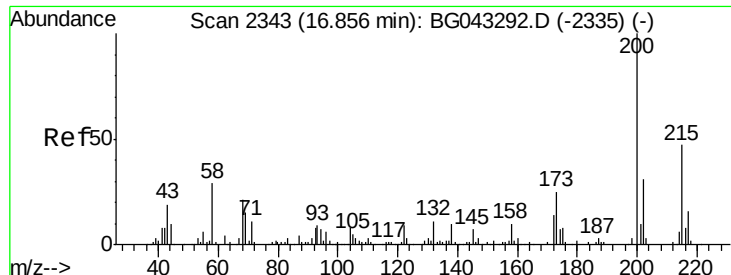
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#68
Hexachlorobenzene
Concen: 37.881 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

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





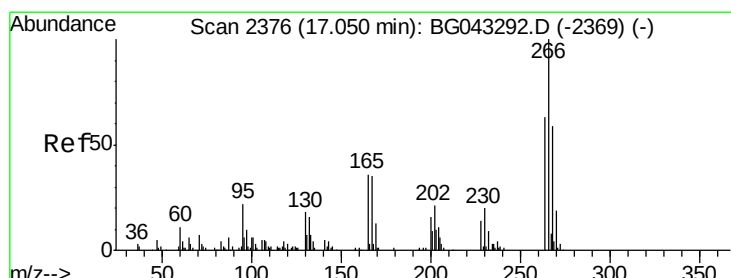
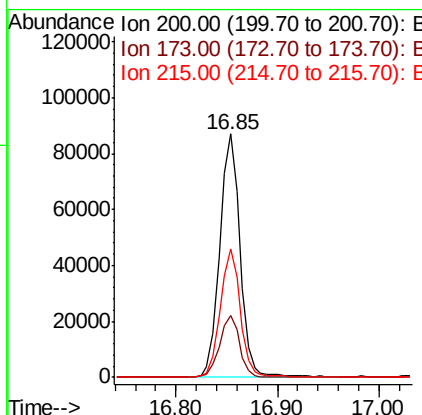
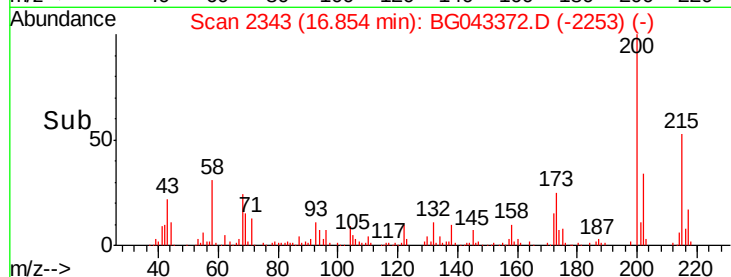
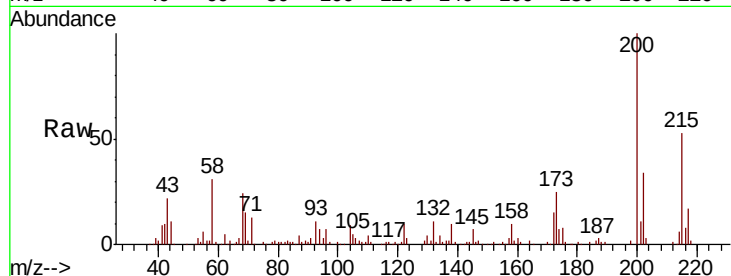
#69
Atrazine
Concen: 49.473 ng
RT: 16.85 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	121294		
173	25.4	5.1	45.1	
215	52.7	26.6	66.6	

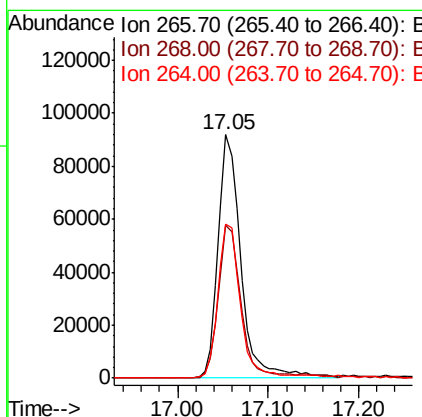
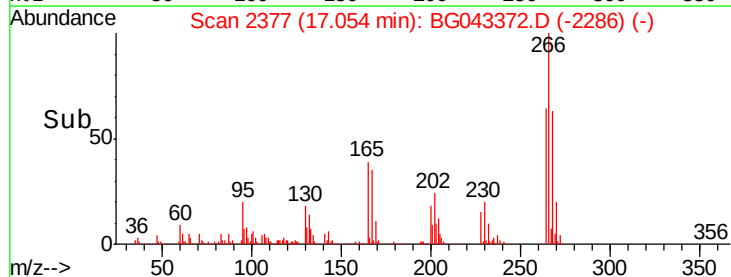
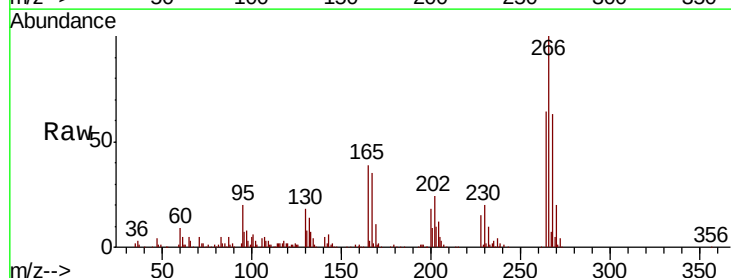
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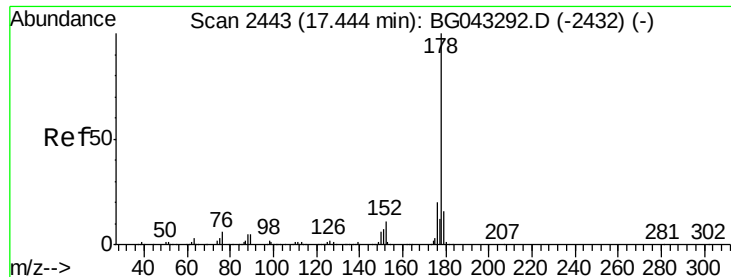
mohammad
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#70
Pentachlorophenol
Concen: 91.661 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	161246		
268	62.8	47.1	70.7	
264	63.5	50.4	75.6	





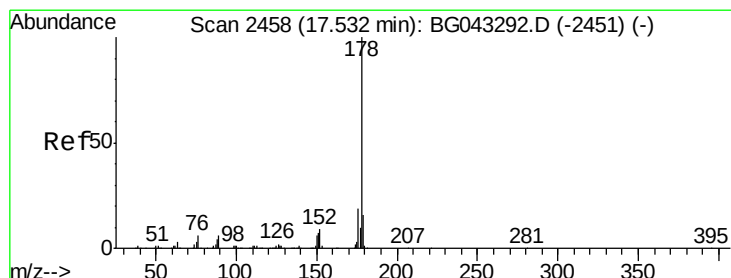
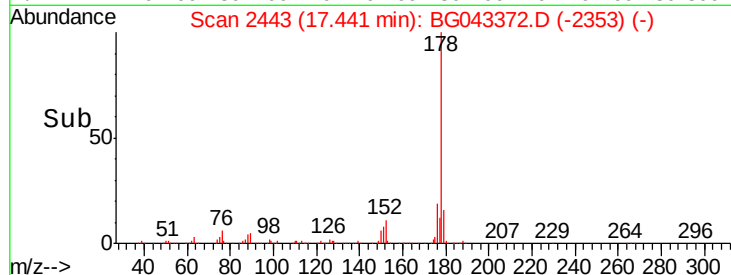
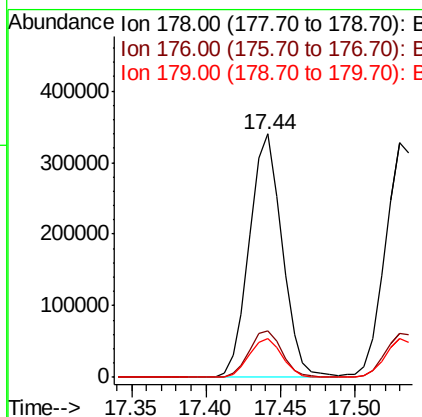
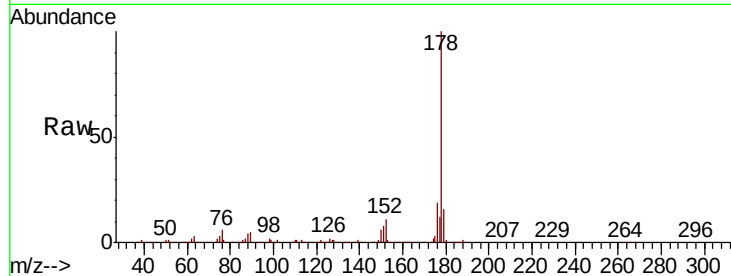
#71
Phenanthrene
Concen: 40.359 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	16.2	13.1	19.7

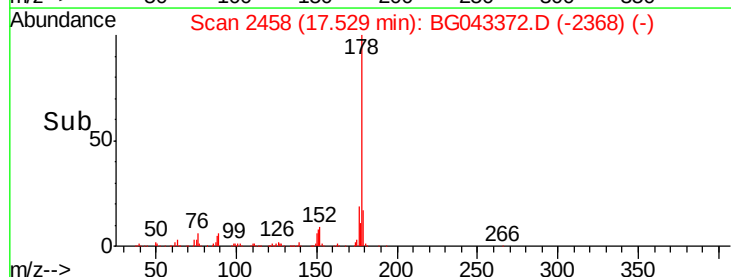
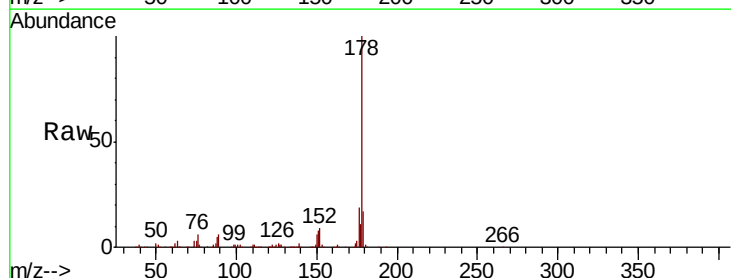
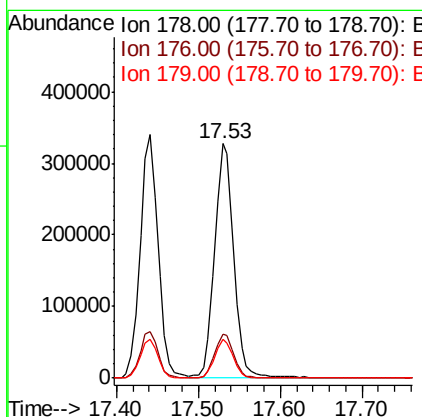
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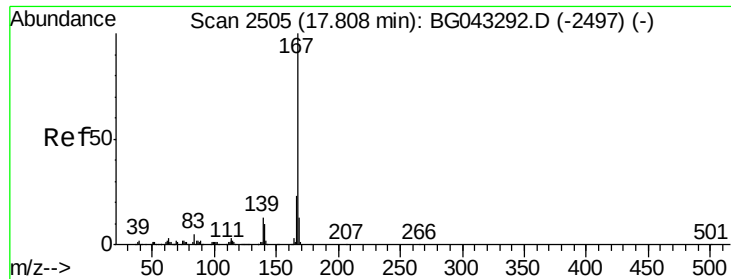
mohammad
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#72
Anthracene
Concen: 41.748 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	16.9	13.0	19.6





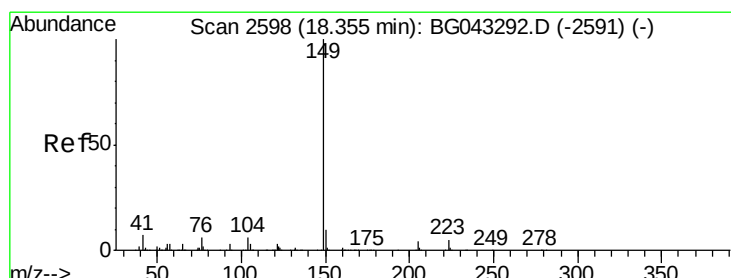
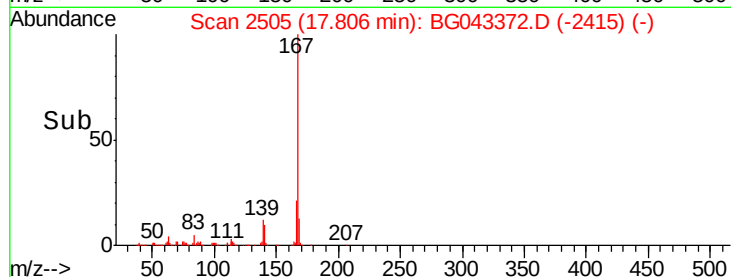
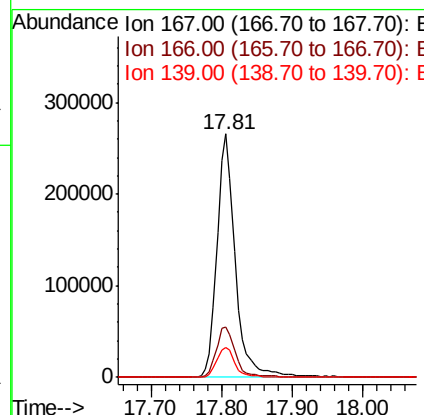
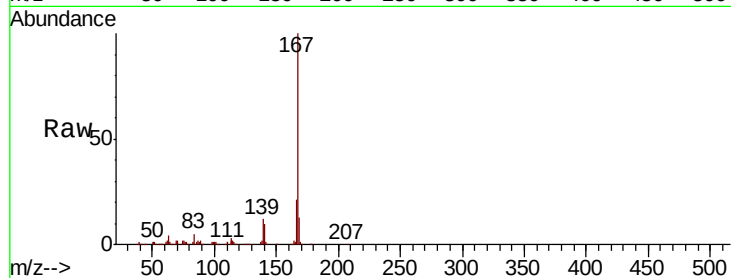
#73
 Carbazole
 Concen: 41.403 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124300BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	18.4	27.6
139	12.3	10.2	15.4

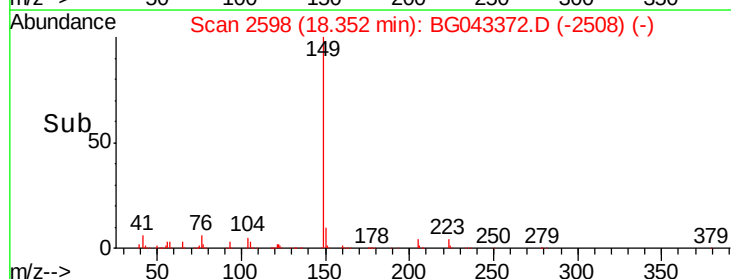
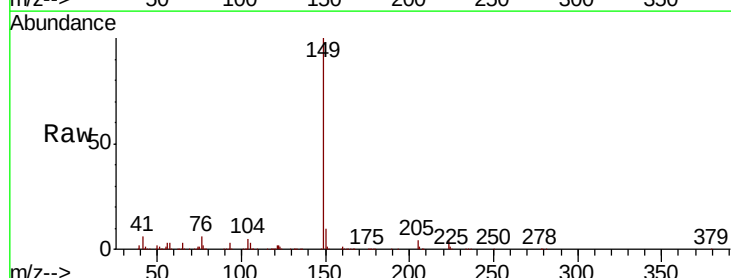
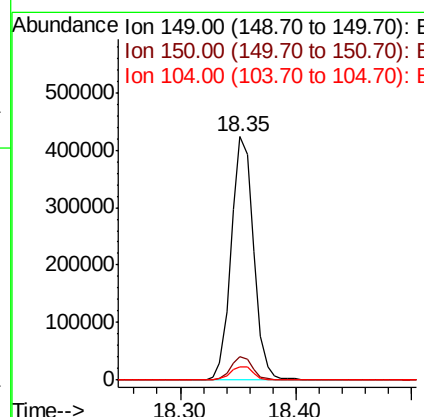
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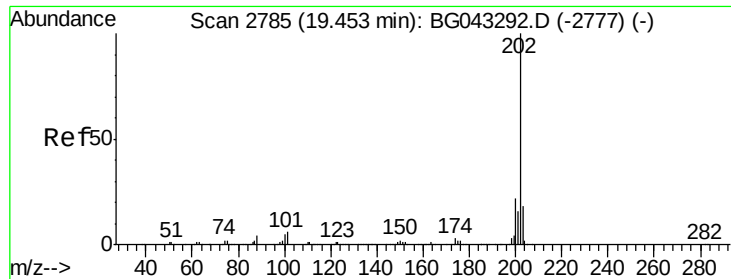
mohammad
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#74
 Di-n-butylphthalate
 Concen: 40.337 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	5.4	4.7	7.1





#75

Fluoranthene

Concen: 41.648 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

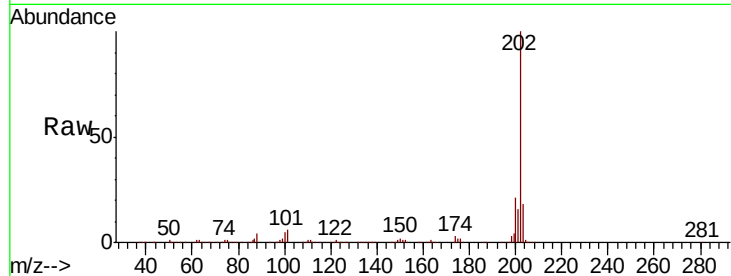
ClientSampleId :

PB124300BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		694861		
101	6.0	0.0	26.0		
203	17.8	0.0	38.2		

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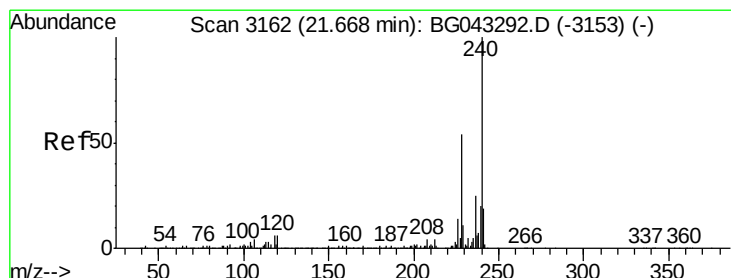
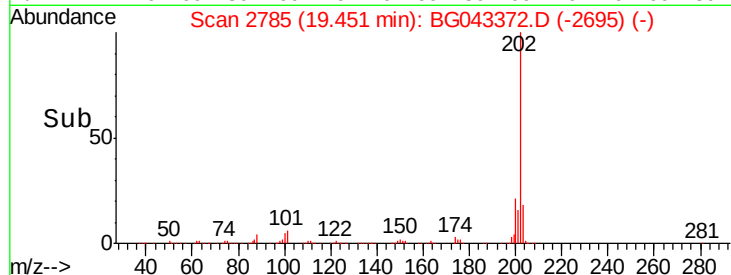
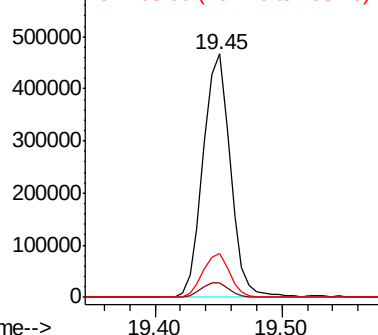


Abundance

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

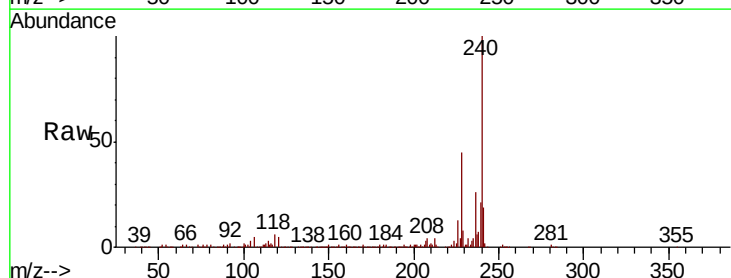
RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		287669		
120	4.9	4.6	7.0		
236	25.8	20.2	30.4		

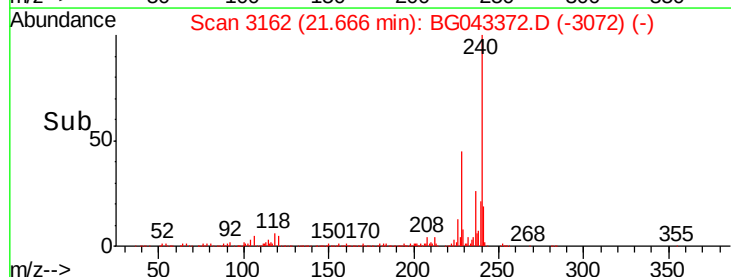
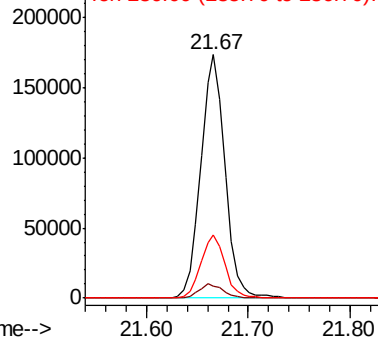


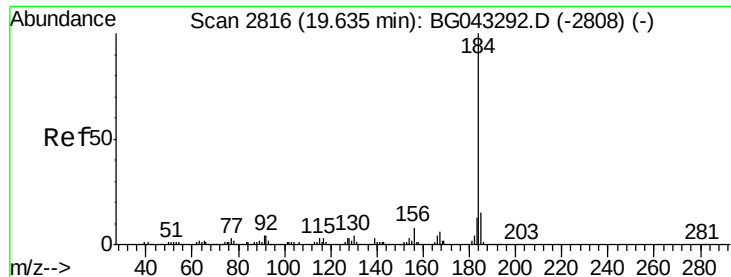
Abundance

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: 51.754 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

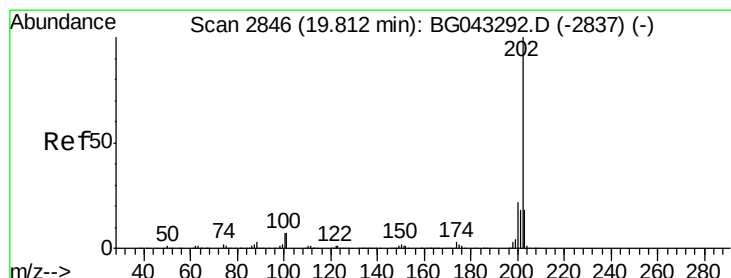
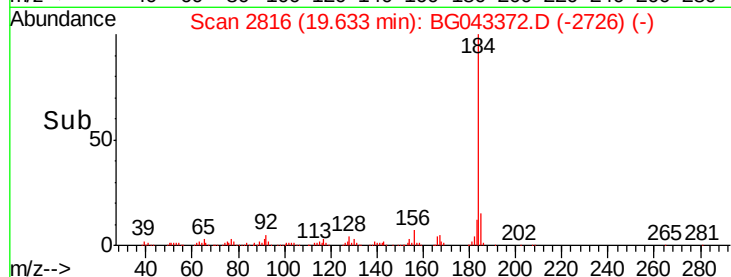
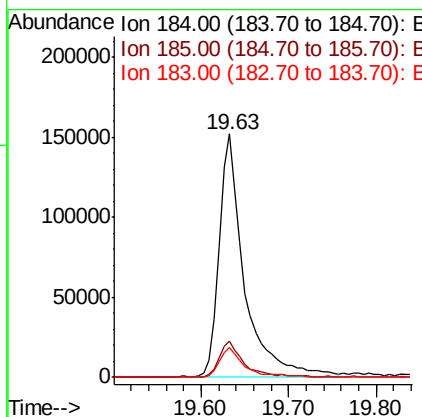
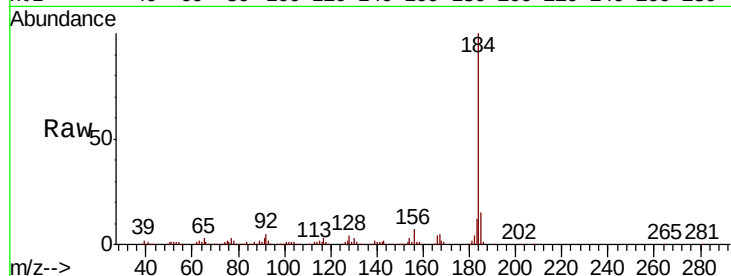
ClientSampleId :

PB124300BS

Tot Ion:	184	Resp:	299628
Ion Ratio		Lower	Upper
184	100		
185	14.9	11.8	17.6
183	12.3	10.6	16.0

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#78

Pyrene

Concen: 39.399 ng

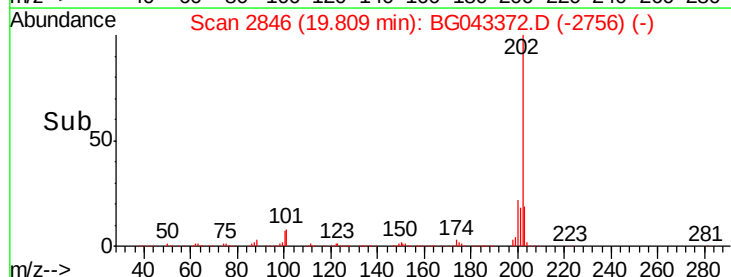
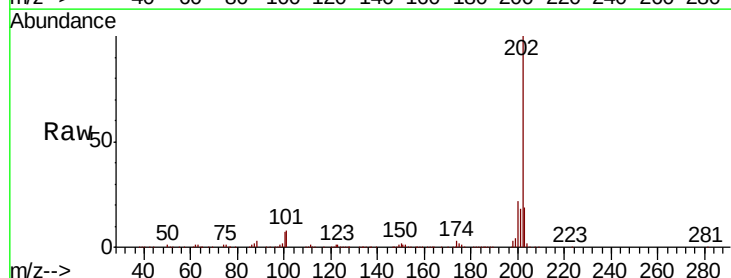
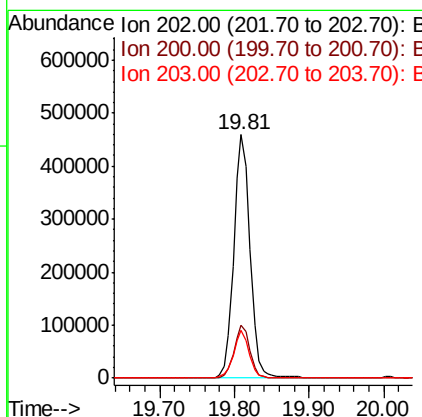
RT: 19.81 min Scan# 2846

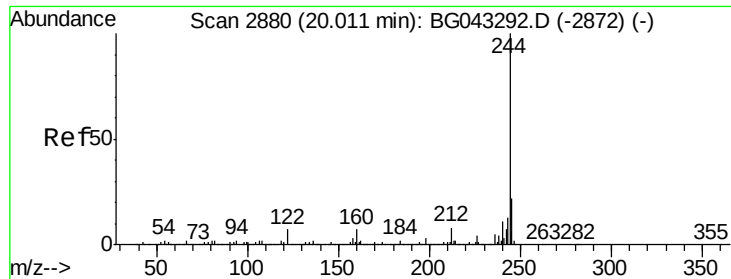
Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Tgt Ion:	202	Resp:	701561
Ion Ratio		Lower	Upper
202	100		
200	21.7	17.3	25.9
203	19.4	14.5	21.7





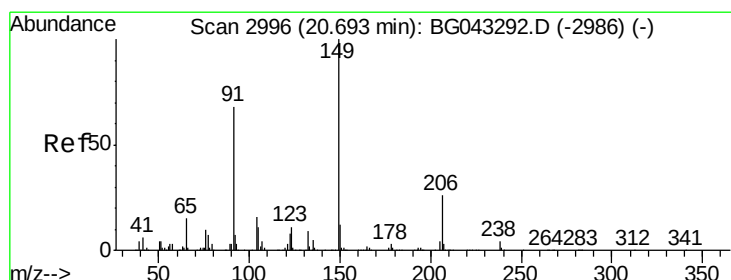
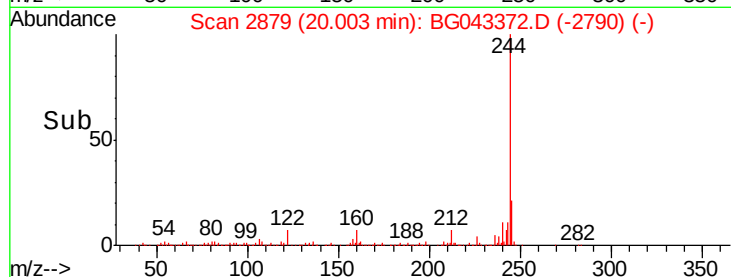
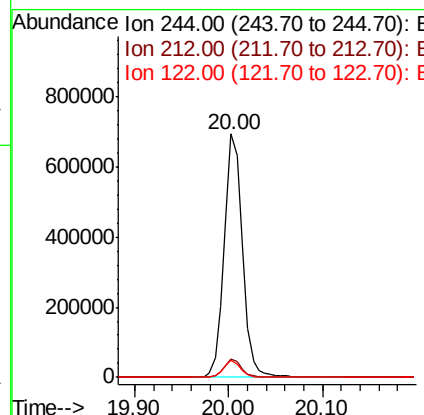
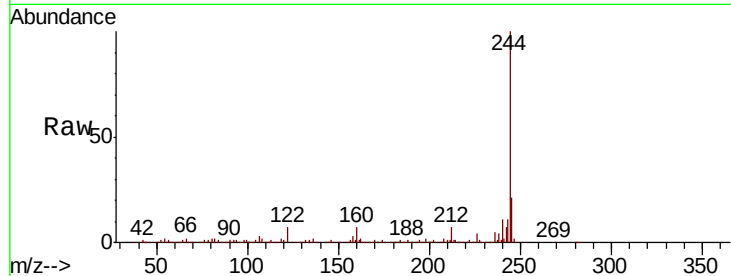
#79
 Terphenyl-d14
 Concen: 61.696 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124300BS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	6.4	9.6
122	7.0	5.3	7.9

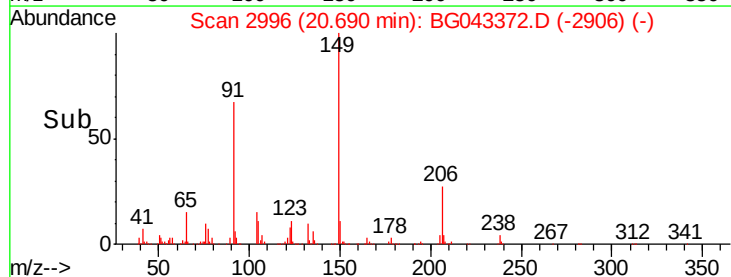
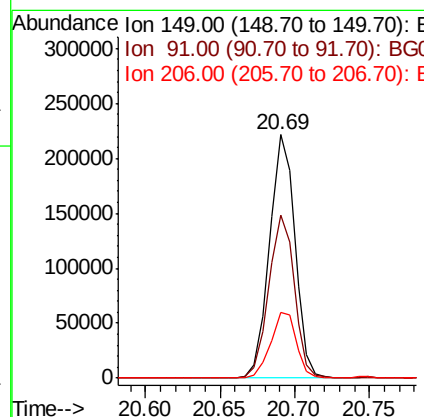
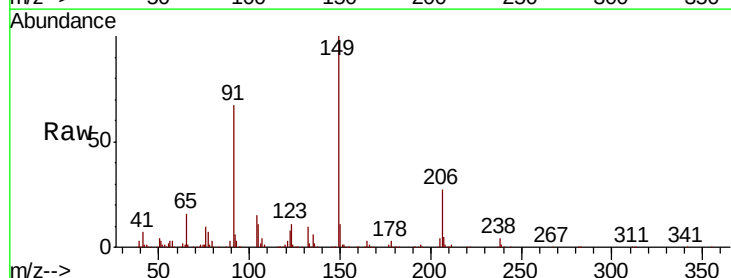
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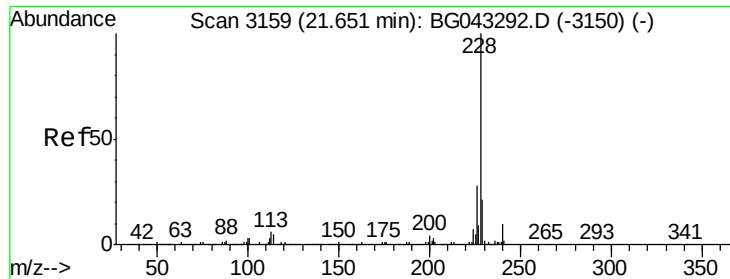
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#80
 Butylbenzylphthalate
 Concen: 38.547 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	67.0	54.6	82.0
206	27.1	20.5	30.7





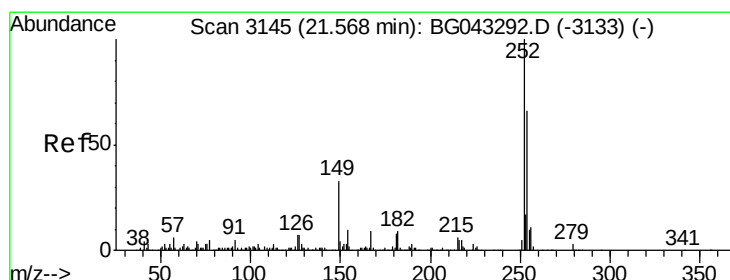
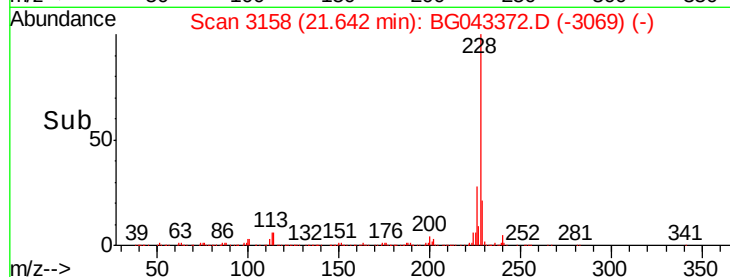
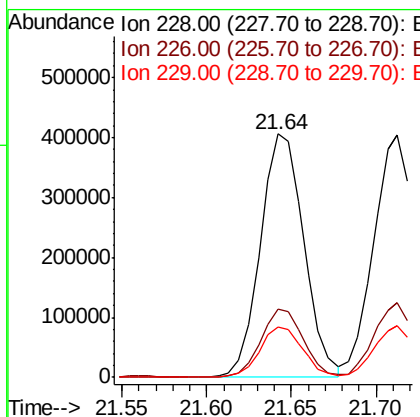
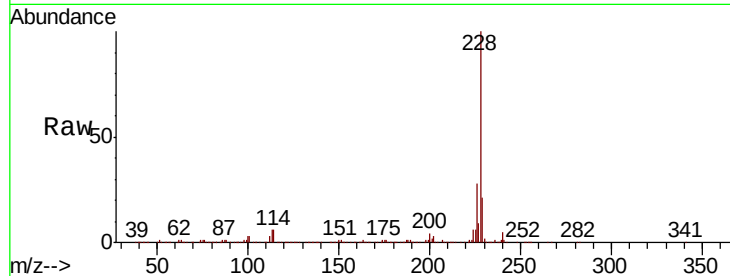
#81
Benzo(a)anthracene
Concen: 40.060 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	28.0	22.2	33.4		
229	20.6	16.9	25.3		

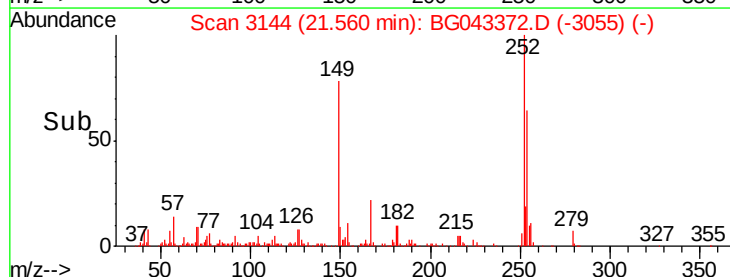
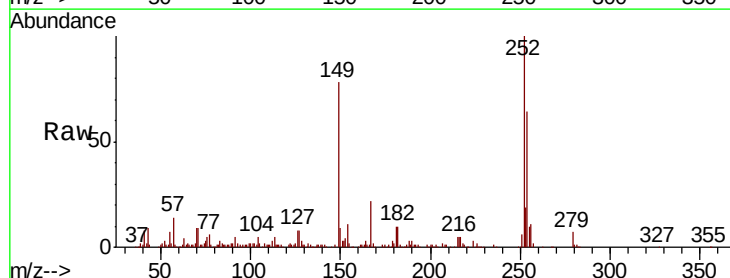
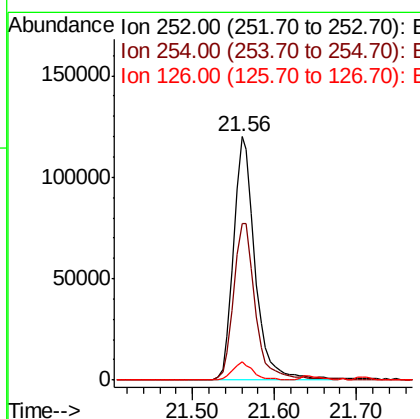
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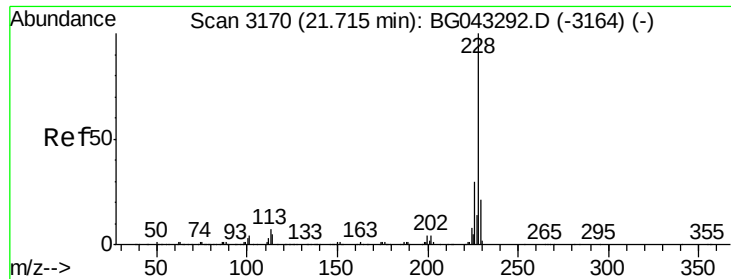
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#82
3,3'-Dichlorobenzidine
Concen: 31.703 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	64.2	52.7	79.1		
126	7.6	5.6	8.4		





#83

Chrysene

Concen: 39.746 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

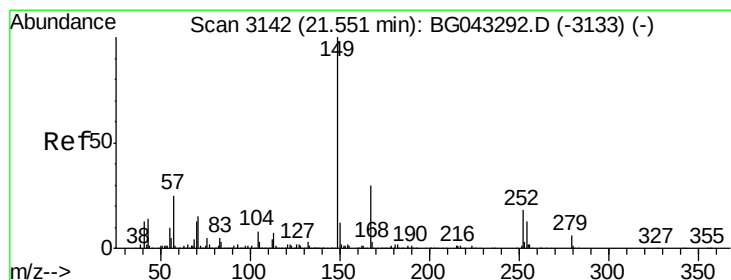
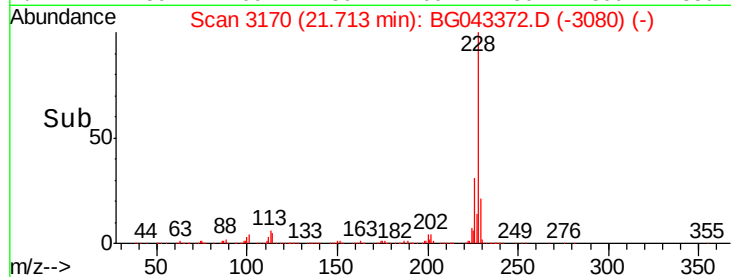
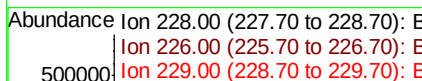
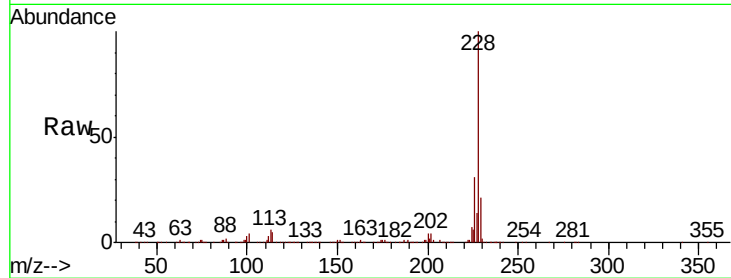
ClientSampled :

PB124300BS

Tot Ion:	228	Resp:	711603
Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.8
229	21.4	16.3	24.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 40.194 ng

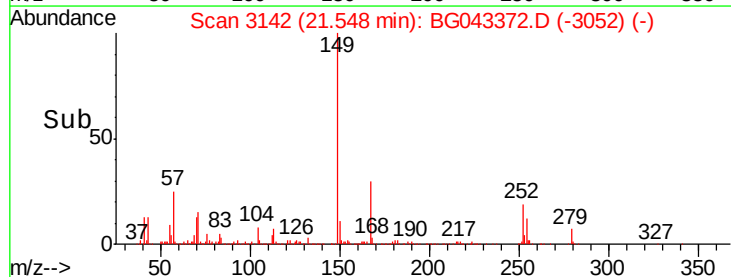
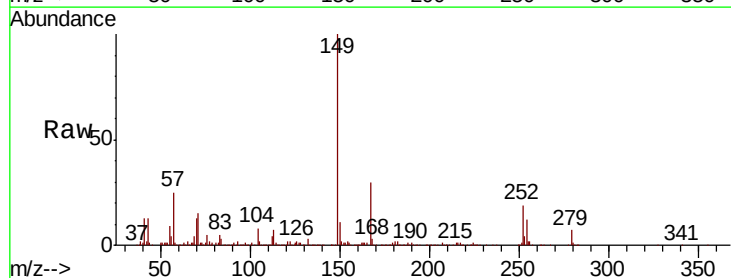
RT: 21.55 min Scan# 3142

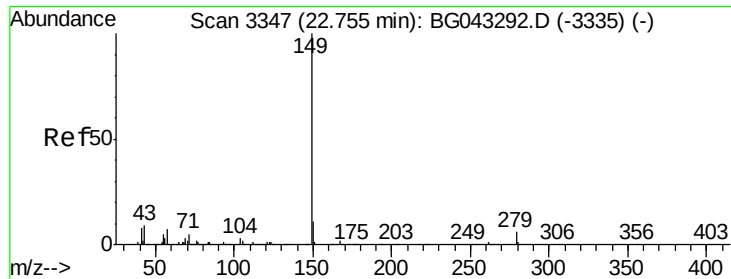
Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Tgt Ion:	149	Resp:	385178
Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.9	35.9
279	7.2	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 40.814 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

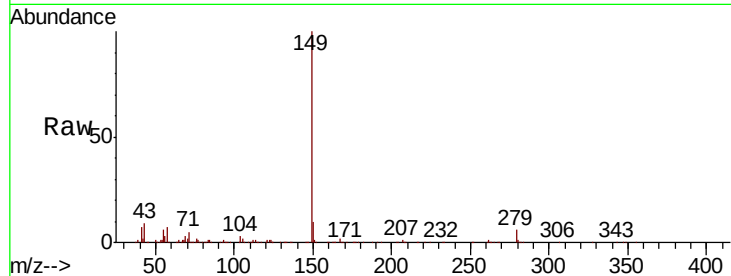
ClientSampleId :

PB124300BS

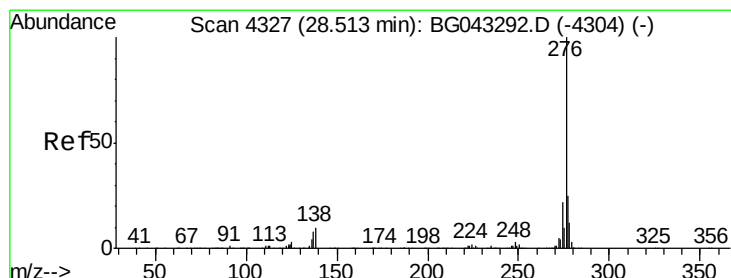
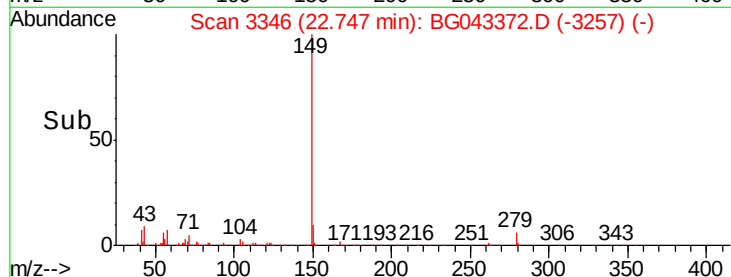
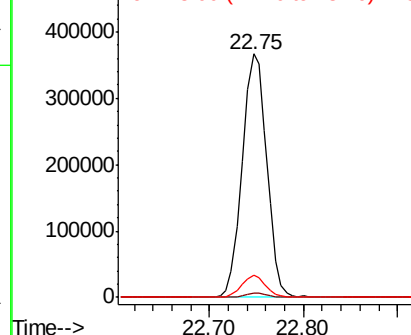
Tot Ion:	149	Resp:	663559
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	8.9	6.9	10.3

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.455 ng

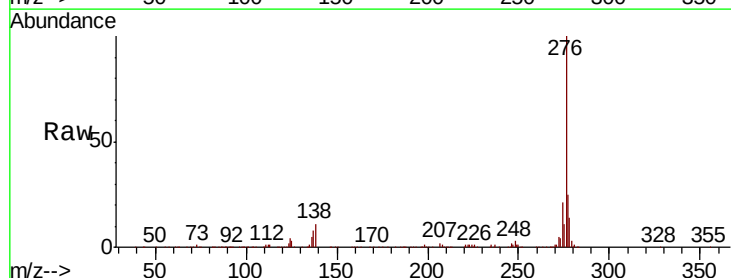
RT: 28.50 min Scan# 4326

Delta R.T. -0.01 min

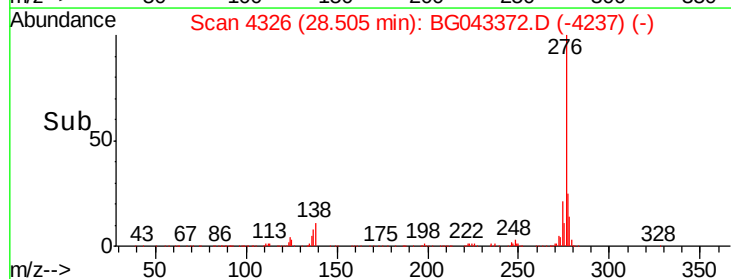
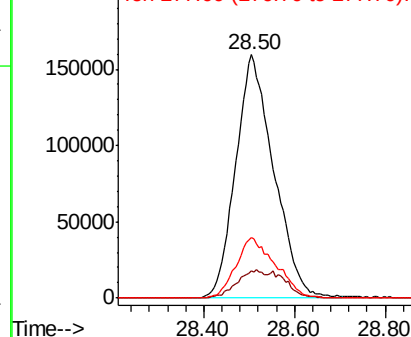
Lab File: BG043372.D

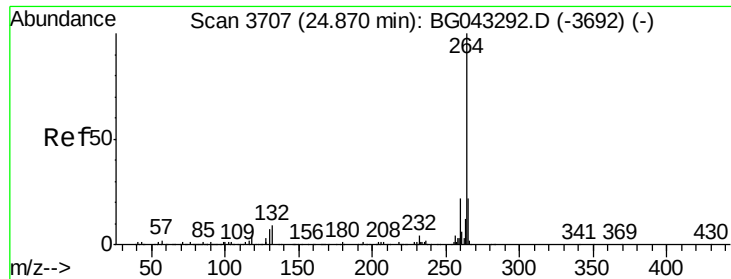
Acq: 29 Oct 2019 13:49

Tgt Ion:	276	Resp:	931633
Ion Ratio	Lower	Upper	
276	100		
138	8.1	7.2	10.8
277	25.8	20.9	31.3



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





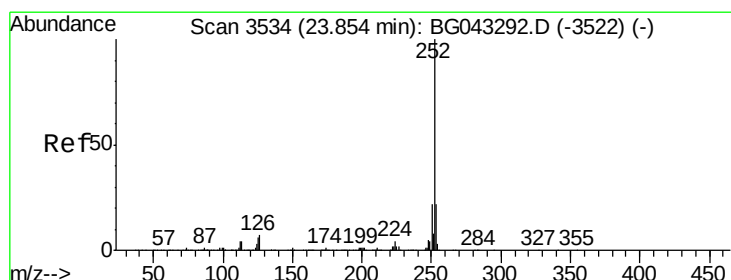
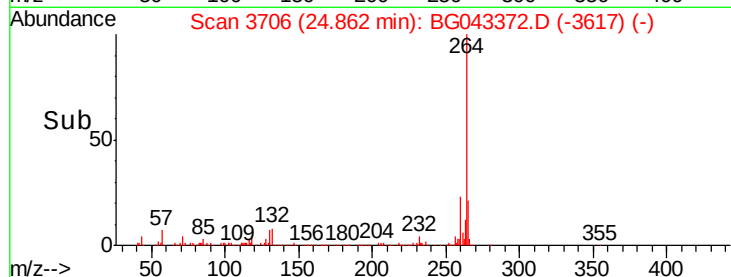
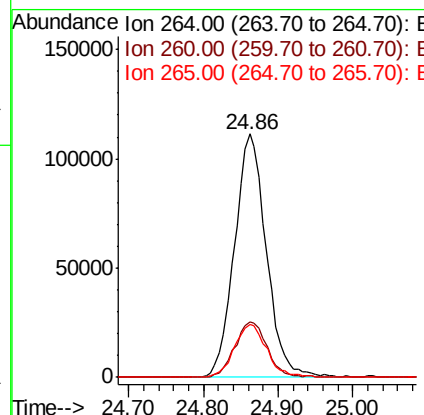
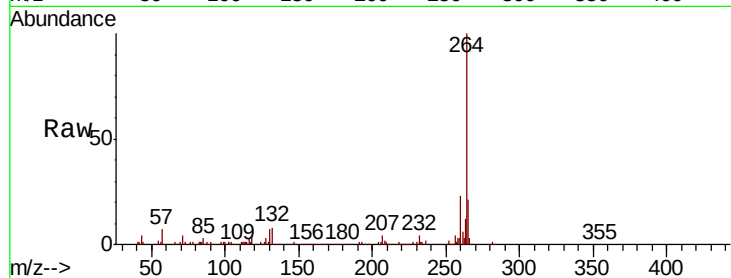
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	21.5	17.4	26.2

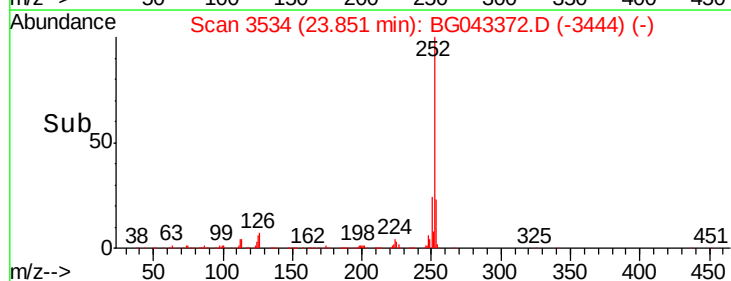
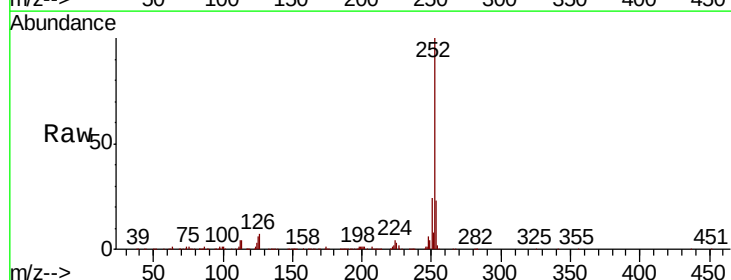
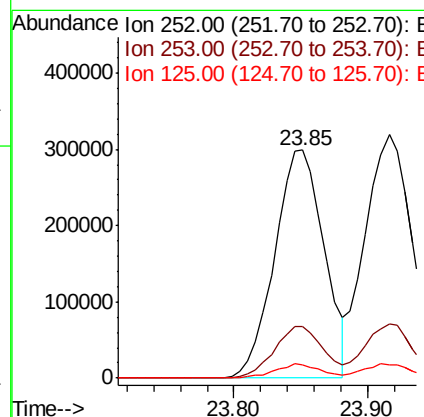
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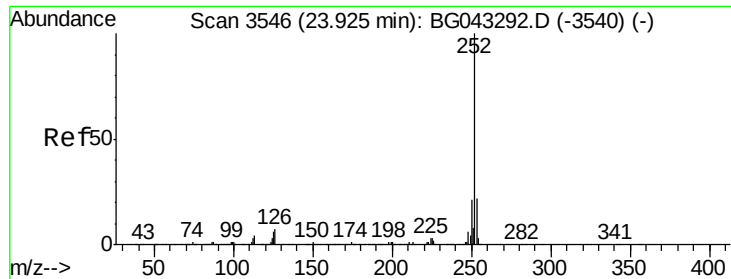
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.224 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	5.7	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 41.851 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

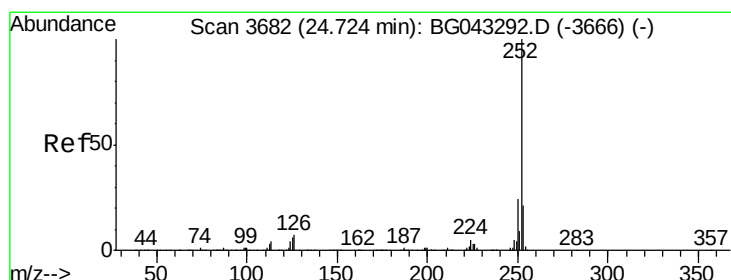
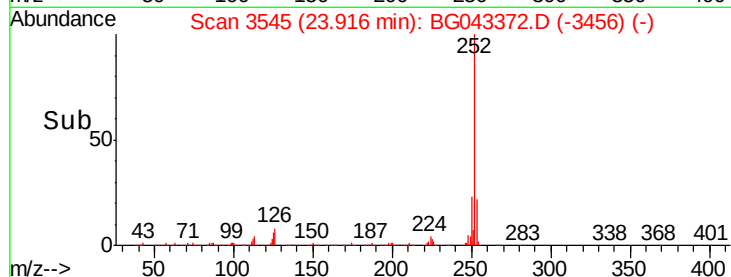
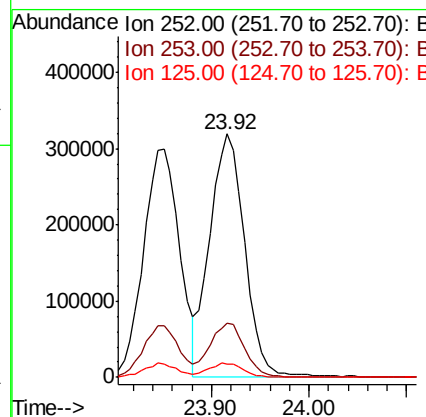
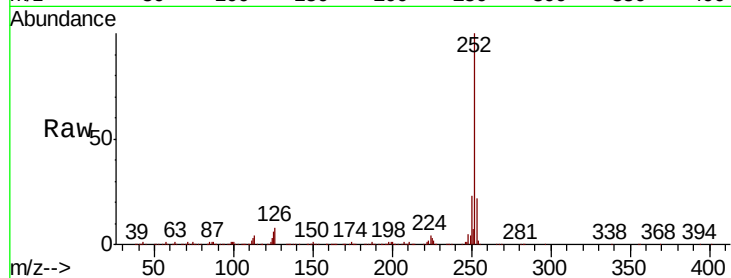
ClientSampleId :

PB124300BS

Tot Ion:	252	Resp:	786110
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	5.6	4.5	6.7

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#90

Benzo(a)pyrene

Concen: 39.888 ng

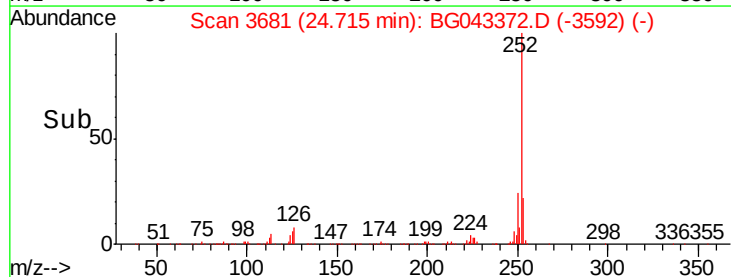
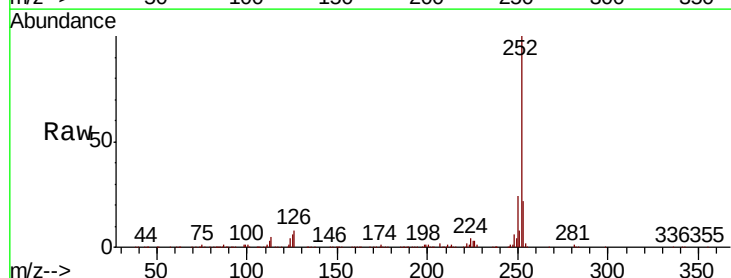
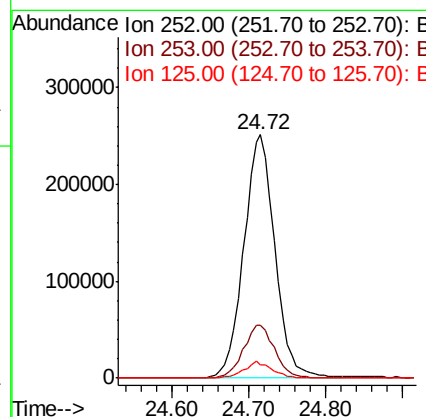
RT: 24.72 min Scan# 3681

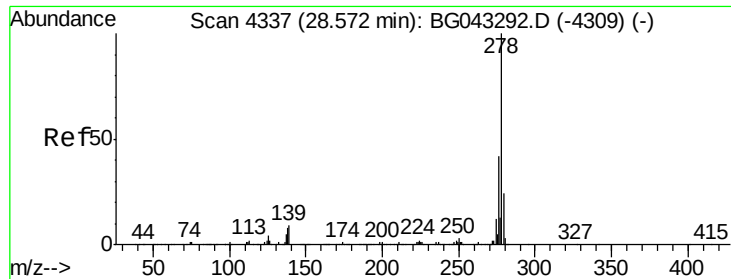
Delta R.T. -0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Tgt Ion:	252	Resp:	710700
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.2	25.8
125	5.6	5.0	7.6





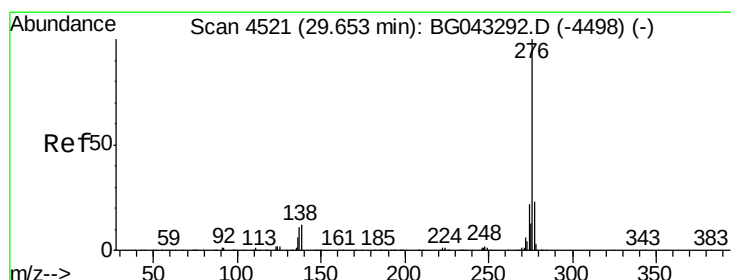
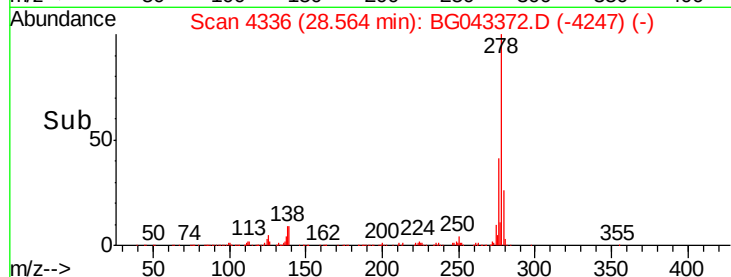
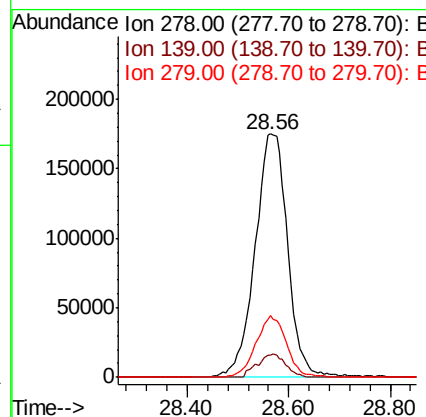
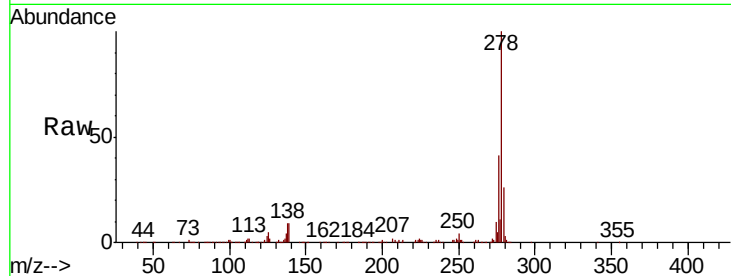
#91
Dibenzo(a,h)anthracene
Concen: 42.920 ng
RT: 28.56 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :
PB124300BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.2	6.8	10.2
279	25.6	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 42.897 ng
RT: 29.65 min Scan# 4521
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.3	27.5
138	10.9	9.3	13.9

