

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020619\
 Data File : BG039380.D
 Acq On : 6 Feb 2019 21:12
 Operator : JU/SJ
 Sample : K1338-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-020519-AMSD

Manual Integrations
 APPROVED

mohammad
 2/7/2019 8:41:13 AM

Quant Time: Feb 07 01:35:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	50889	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	209205	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	140958	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	340143	20.00	ng	0.00
76) Chrysene-d12	21.84	240	353763	20.00	ng	0.00
87) Perylene-d12	25.22	264	362152	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	417293	140.34	ng	0.00
7) Phenol-d6	7.32	99	545010	124.53	ng	0.00
23) Nitrobenzene-d5	9.36	82	379750	113.40	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	249142	164.14	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	916136	93.24	ng	0.00
79) Terphenyl-d14	20.14	244	1461023	87.42	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	48789	37.512	ng	# 20
3) Pyridine	4.02	79	111155	32.279	ng	95
4) n-Nitrosodimethylamine	3.93	42	72809	42.278	ng	# 80
6) Aniline	7.51	93	66641	12.156	ng	96
8) 2-Chlorophenol	7.73	128	159868	49.188	ng	98
9) Benzaldehyde	7.32	77	91844	42.884	ng	96
10) Phenol	7.35	94	188251	41.262	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	163274	45.290	ng	97
12) 1,3-Dichlorobenzene	8.06	146	171000	43.431	ng	99
13) 1,4-Dichlorobenzene	8.22	146	178755	45.550	ng	96
14) 1,2-Dichlorobenzene	8.53	146	171070	45.029	ng	99
15) Benzyl Alcohol	8.42	79	159506	46.421	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	315355	38.736	ng	99
17) 2-Methylphenol	8.60	107	140215	47.492	ng	97
18) Hexachloroethane	9.26	117	61143	45.286	ng	96
19) n-Nitroso-di-n-propylamine	8.99	70	131667	42.386	ng	# 91
20) 3+4-Methylphenols	8.93	107	191842	47.186	ng	97
22) Acetophenone	9.01	105	250489	44.574	ng	# 94
24) Nitrobenzene	9.40	77	194626	53.797	ng	97
25) Isophorone	9.91	82	378289	50.976	ng	98
26) 2-Nitrophenol	10.11	139	88870	58.521	ng	96
27) 2,4-Dimethylphenol	10.15	122	171384	57.091	ng	95
28) bis(2-Chloroethoxy)methane	10.40	93	227403	49.750	ng	97
29) 2,4-Dichlorophenol	10.64	162	176564	53.816	ng	93
30) 1,2,4-Trichlorobenzene	10.85	180	181413	49.250	ng	99
31) Naphthalene	11.05	128	525360	50.620	ng	99
32) Benzoic acid	10.26	122	99525	50.135	ng	92
33) 4-Chloroaniline	11.16	127	11909	2.475	ng	97
34) Hexachlorobutadiene	11.32	225	116937	47.736	ng	96
35) Caprolactam	11.94	113	47332m	34.863	ng	
36) 4-Chloro-3-methylphenol	12.25	107	190701	50.259	ng	95
37) 2-Methylnaphthalene	12.65	142	391878	50.980	ng	98
38) 1-Methylnaphthalene	12.86	142	379089	51.160	ng	98
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	218627	48.748	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	273610	111.957	nq	99
43) 2,4,6-Trichlorophenol	13.24	196	149617	54.257	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	160397	55.498	nq	99
46) 1,1'-Biphenyl	13.64	154	525962	44.846	nq	99
47) 2-Chloronaphthalene	13.69	162	410150	46.488	nq	99
48) 2-Nitroaniline	13.89	65	133601	51.899	nq	96
49) Acenaphthylene	14.53	152	652678	49.026	nq	98
50) Dimethylphthalate	14.25	163	541199	47.539	nq	99
51) 2,6-Dinitrotoluene	14.38	165	117433	54.210	nq	100
52) Acenaphthene	14.87	154	405996	46.981	nq	97
53) 3-Nitroaniline	14.71	138	23039	14.617	nq #	85
54) 2,4-Dinitrophenol	14.91	184	100137	96.592	nq	94
55) Dibenzofuran	15.20	168	646938	46.692	nq	99
56) 4-Nitrophenol	15.00	139	187688	90.372	nq	93
57) 2,4-Dinitrotoluene	15.16	165	166147	58.849	nq #	91
58) Fluorene	15.85	166	522777	50.614	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	158337	58.512	nq	96
60) Diethylphthalate	15.61	149	552274	46.920	nq	98
61) 4-Chlorophenyl-phenylether	15.84	204	278753	47.663	nq	94
62) 4-Nitroaniline	15.87	138	119915	50.036	nq	90
63) Azobenzene	16.13	77	497758	43.266	nq	97
65) 4,6-Dinitro-2-methylphenol	15.92	198	83043	57.456	nq	94
66) n-Nitrosodiphenylamine	16.05	169	477139	46.133	nq	97
67) 4-Bromophenyl-phenylether	16.73	248	181866	48.195	nq	95
68) Hexachlorobenzene	16.84	284	183146	48.375	nq	97
69) Atrazine	16.99	200	189067	50.023	nq	99
70) Pentachlorophenol	17.18	266	241155	91.648	nq	99
71) Phenanthrene	17.59	178	868737	49.347	nq	99
72) Anthracene	17.68	178	877398	50.597	nq	98
73) Carbazole	17.95	167	779050	45.017	nq	99
74) Di-n-butylphthalate	18.48	149	952809	47.193	nq	99
75) Fluoranthene	19.59	202	1050420	51.406	nq	99
77) Benzidine	19.77	184	35247	3.039	nq	98
78) Pyrene	19.95	202	1064572	48.340	nq	99
80) Butylbenzylphthalate	20.82	149	442429	47.624	nq	94
81) Benzo(a)anthracene	21.82	228	1040947	49.797	nq	99
82) 3,3'-Dichlorobenzidine	21.73	252	111751	14.418	nq	97
83) Chrysene	21.89	228	968320	48.662	nq	100
84) Bis(2-ethylhexyl)phthalate	21.69	149	616465	46.513	nq	99
85) Di-n-octyl phthalate	22.96	149	1062476	48.524	nq	96
86) Indeno(1,2,3-cd)pyrene	29.12	276	1174938	55.033	nq	98
88) Benzo(b)fluoranthene	24.14	252	1020619	51.676	nq	99
89) Benzo(k)fluoranthene	24.21	252	1009972	50.935	nq	99
90) Benzo(a)pyrene	25.06	252	1003206	52.742	nq	99
91) Dibenzo(a,h)anthracene	29.19	278	949647	53.312	nq	99
92) Benzo(g,h,i)perylene	30.35	276	952764	53.662	nq	98

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

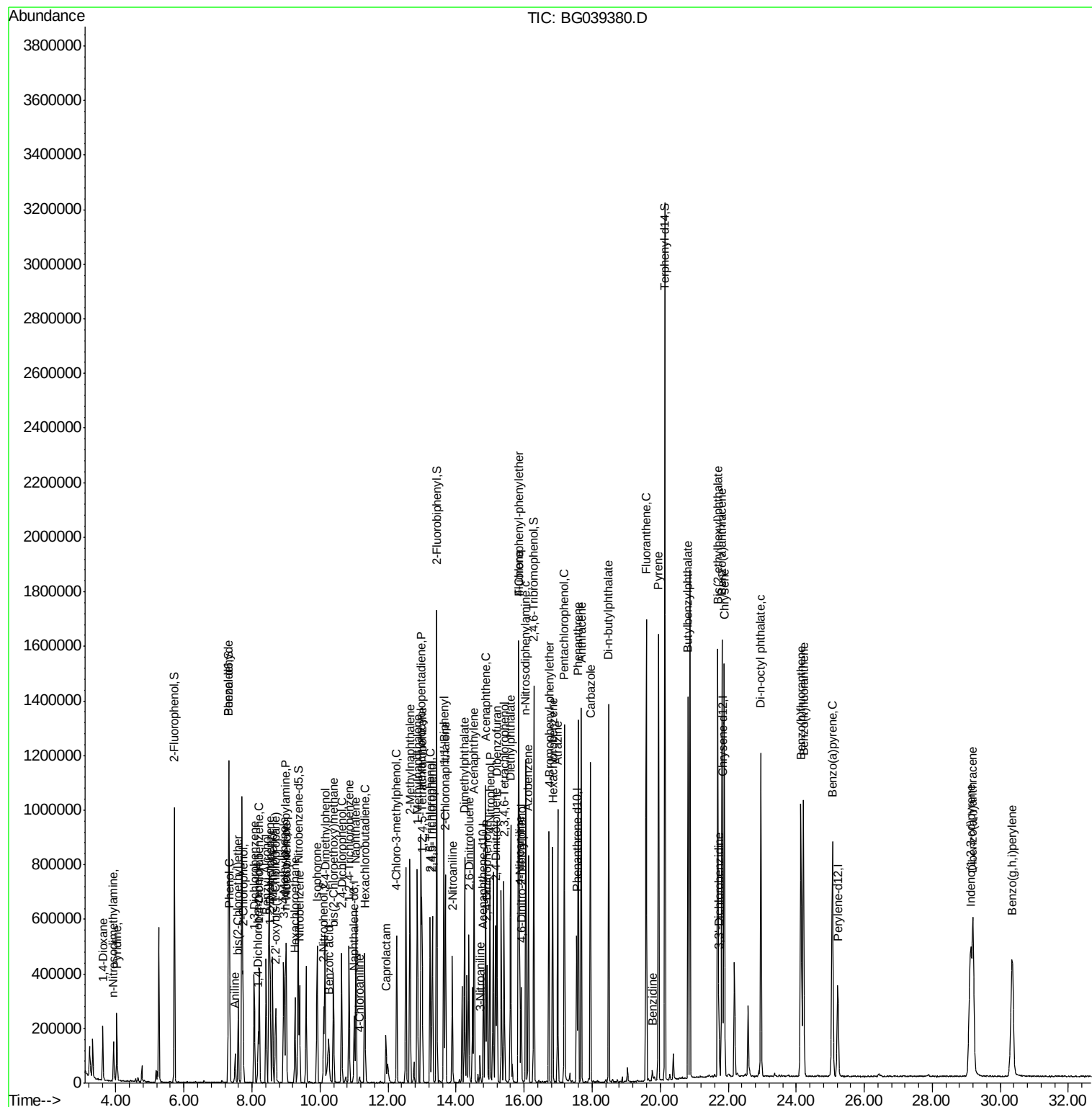
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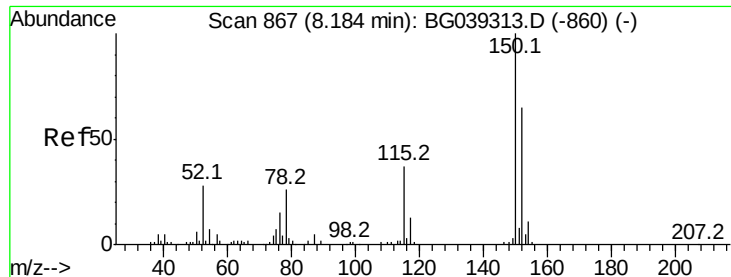
Instrument :
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#1

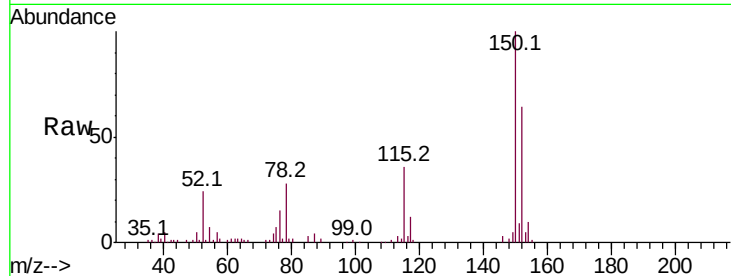
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.7	185.5
115	55.9	45.9	68.9

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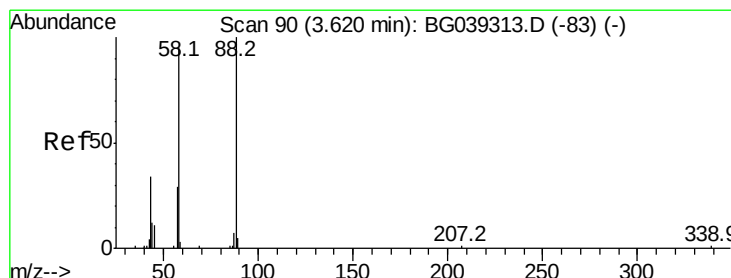
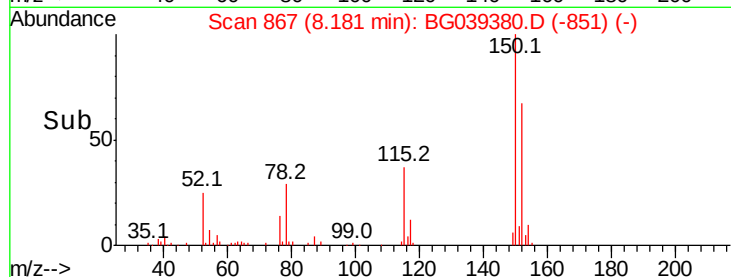
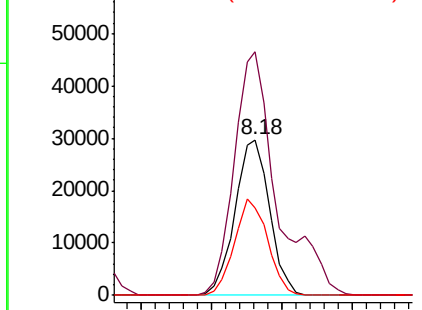


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

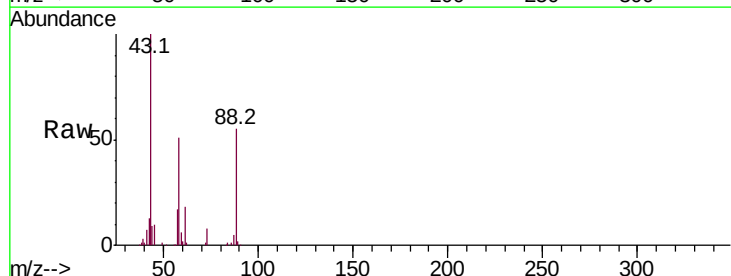
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.512 ng
RT: 3.62 min Scan# 90
Delta R.T. -0.00 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.4	81.1	121.7
43	202.8	31.4	47.0#

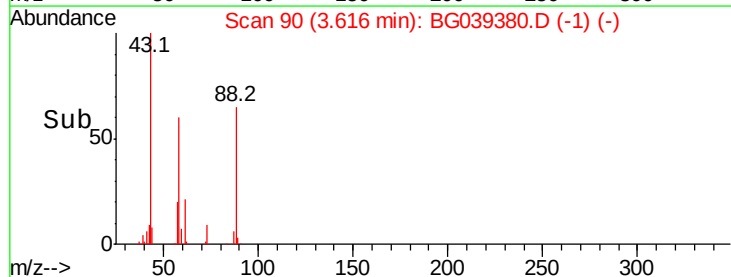
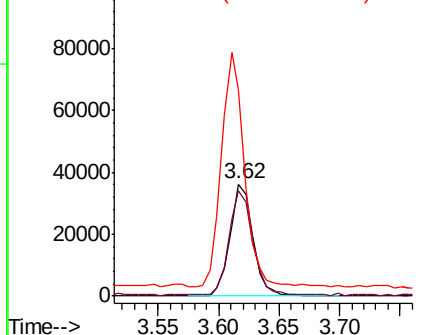


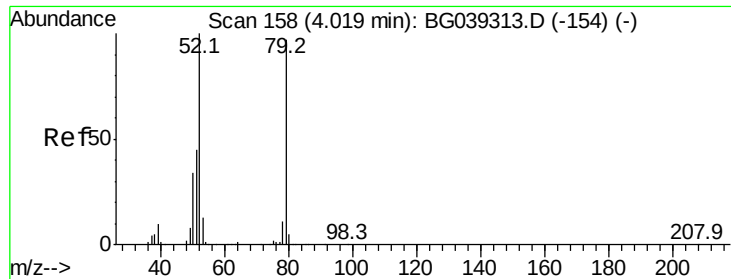
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.279 ng

RT: 4.02 min Scan# 159

Delta R.T. 0.00 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

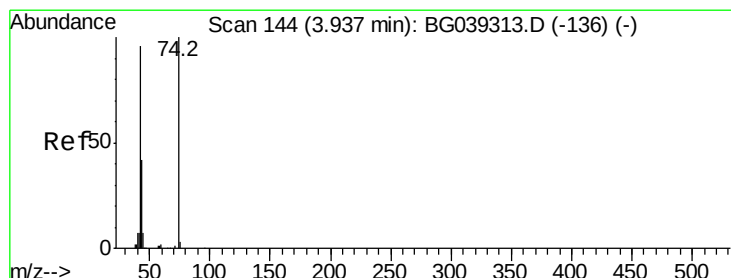
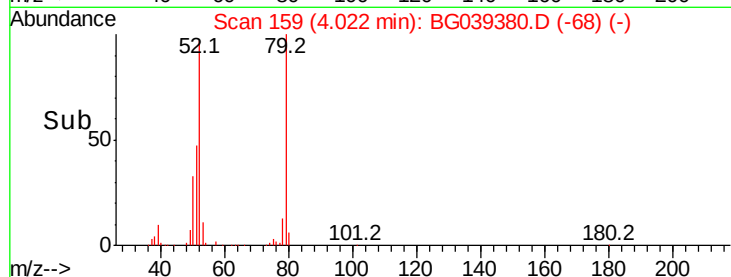
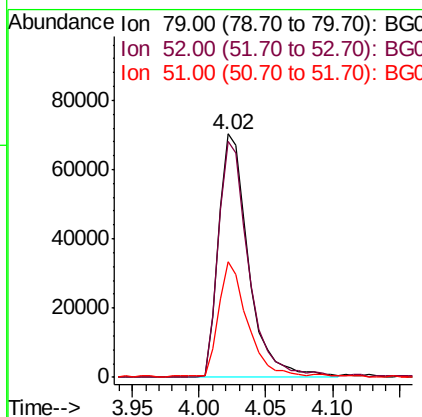
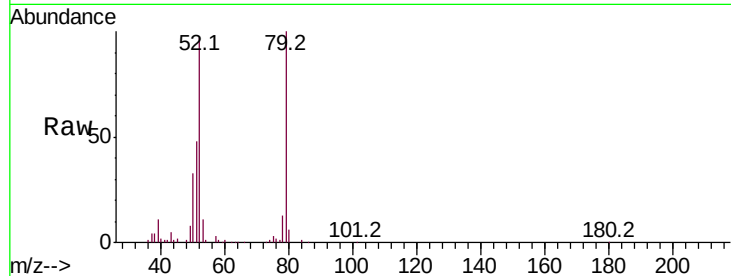
ClientSampleId :

AU-06-020519-AMSD

Tot Ion:	79	Resp:	111155
Ion Ratio	Lower	Upper	
79	100		
52	96.7	82.6	124.0
51	47.6	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 42.278 ng

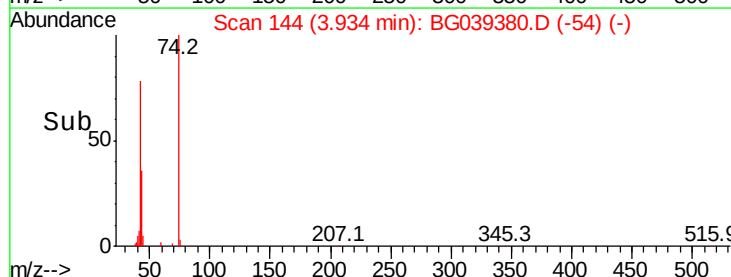
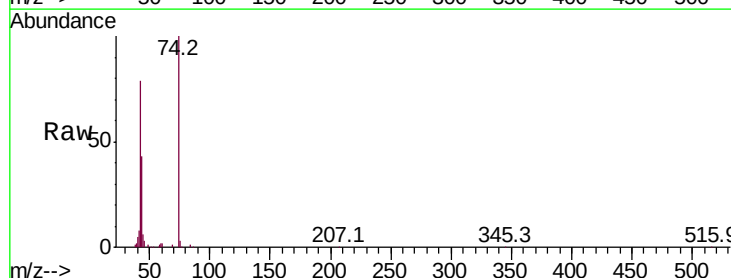
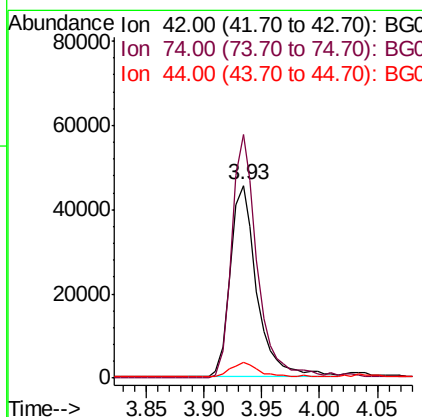
RT: 3.93 min Scan# 144

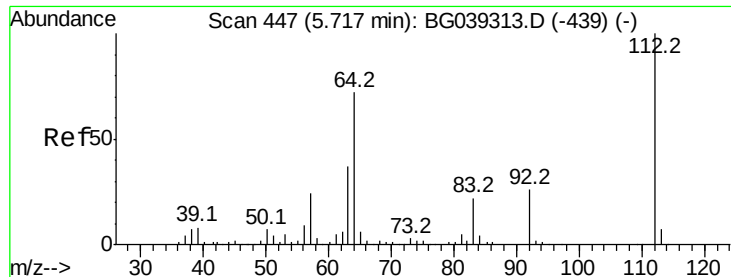
Delta R.T. -0.00 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Tgt Ion:	42	Resp:	72809
Ion Ratio	Lower	Upper	
42	100		
74	126.2	83.6	125.4#
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 140.345 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

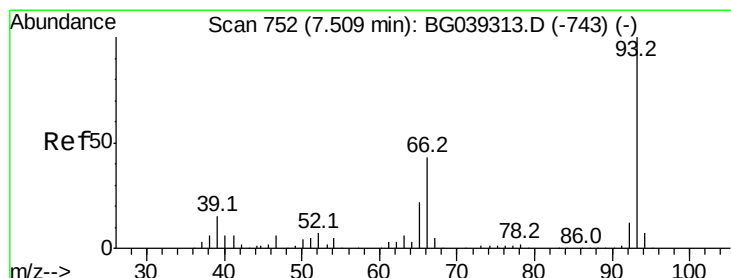
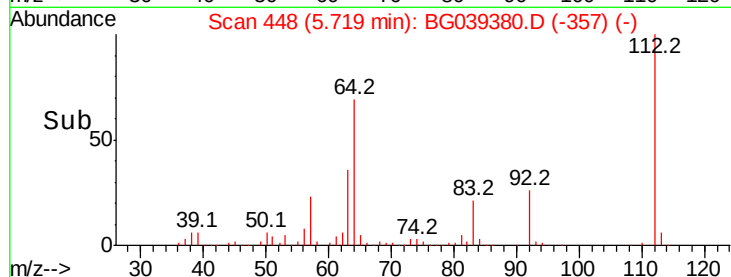
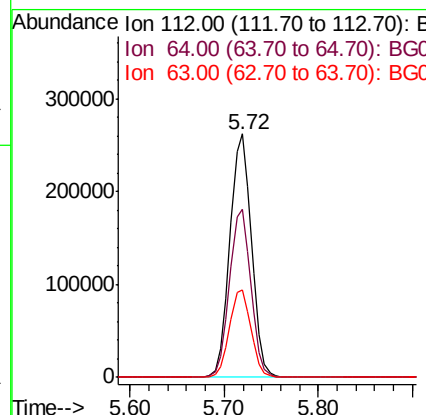
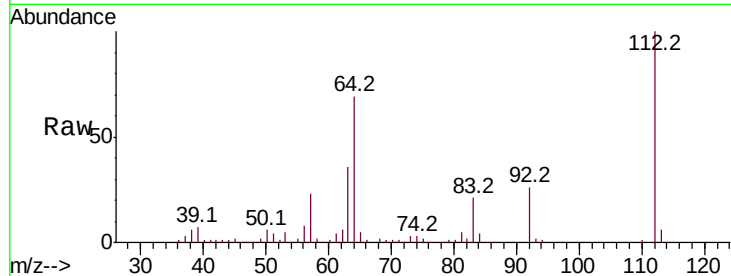
ClientSampleId :

AU-06-020519-AMSD

Tot Ion:	112	Resp:	417293
Ion Ratio	Lower	Upper	
112	100		
64	69.2	57.8	86.8
63	35.8	29.8	44.6

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#6

Aniline

Concen: 12.156 ng

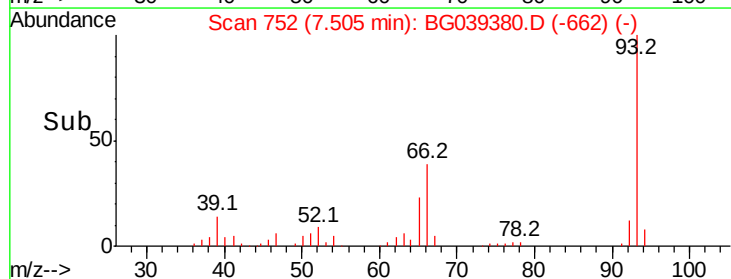
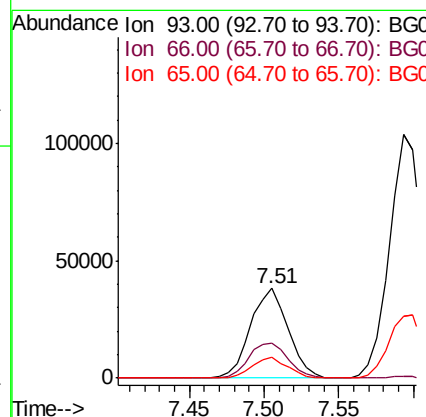
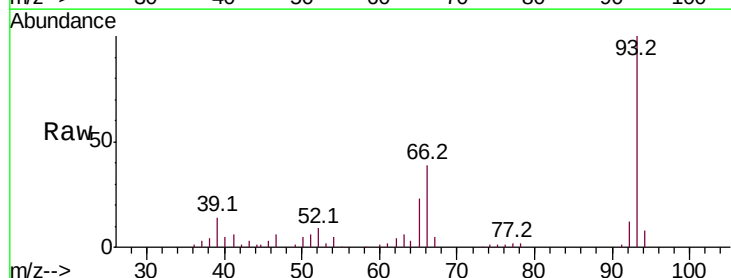
RT: 7.51 min Scan# 752

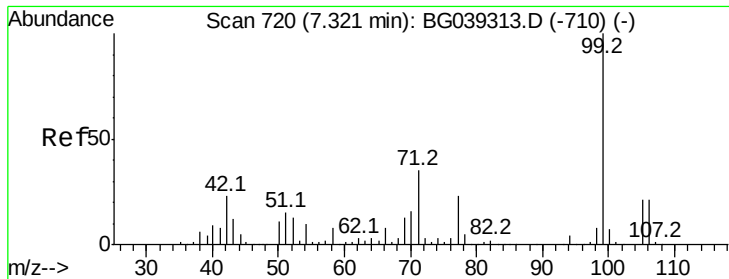
Delta R.T. -0.00 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Tgt Ion:	93	Resp:	66641
Ion Ratio	Lower	Upper	
93	100		
66	39.2	34.2	51.4
65	22.7	17.7	26.5





#7

Phenol-d6

Concen: 124.526 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039380.D

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BNA_G

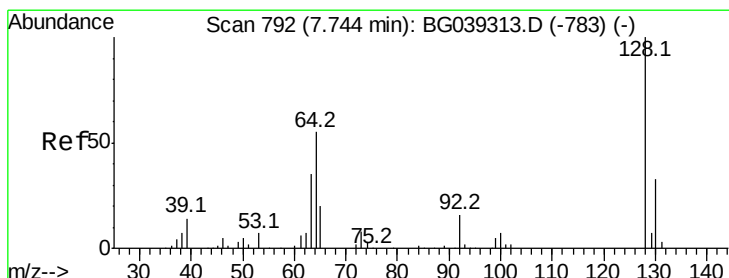
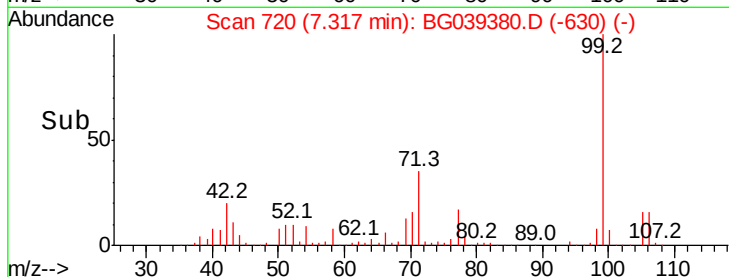
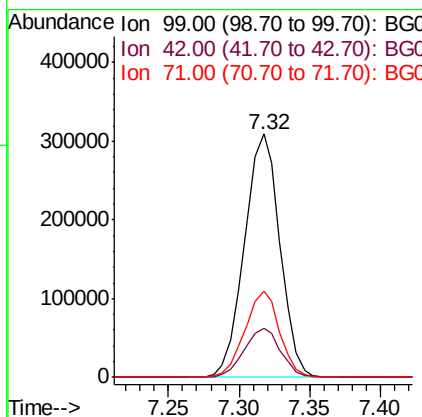
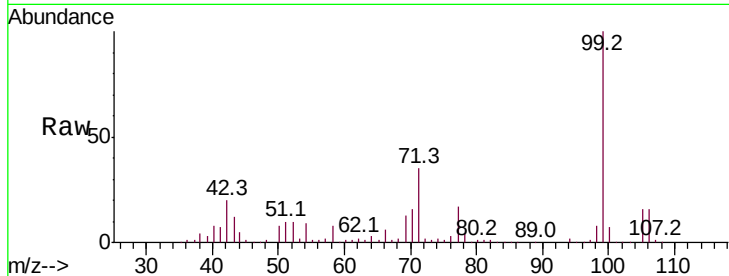
ClientSampleId :

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Tot Ion:	99	Resp:	545010
Ion Ratio	Lower	Upper	
99	100		
42	19.9	18.2	27.2
71	35.1	28.0	42.0

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#8

2-Chlorophenol

Concen: 49.188 ng

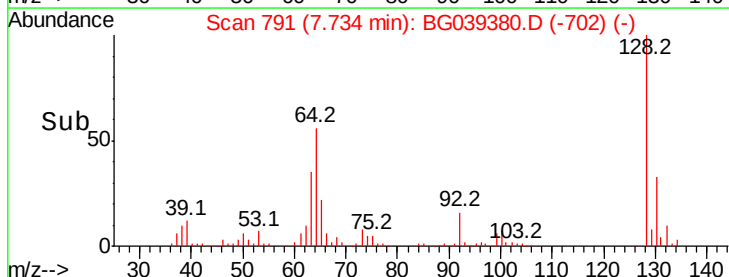
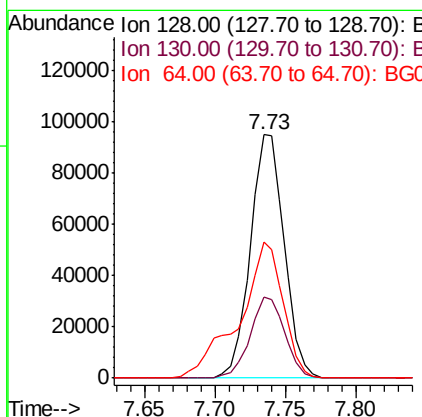
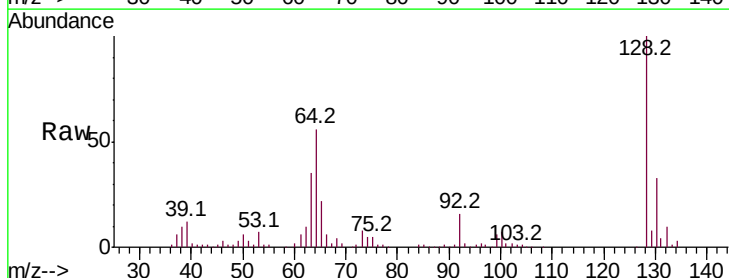
RT: 7.73 min Scan# 791

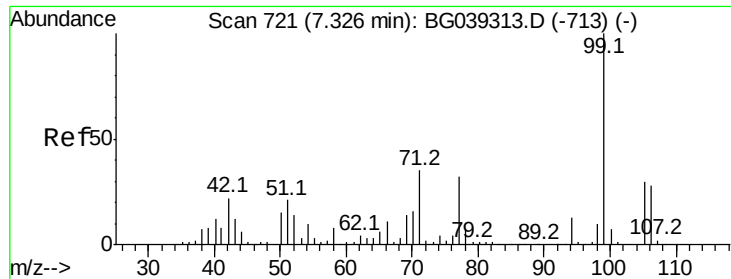
Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Tgt Ion:	128	Resp:	159868
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.9	52.9
64	56.0	38.7	78.7





#9

Benzaldehyde

Concen: 42.884 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

AU-06-020519-AMSD

Tot Ion: 77 Resp: 91844

Ion Ratio Lower Upper

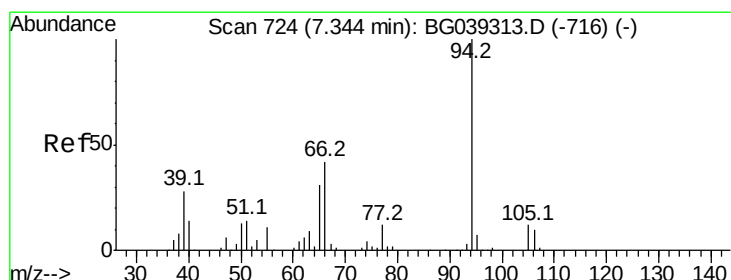
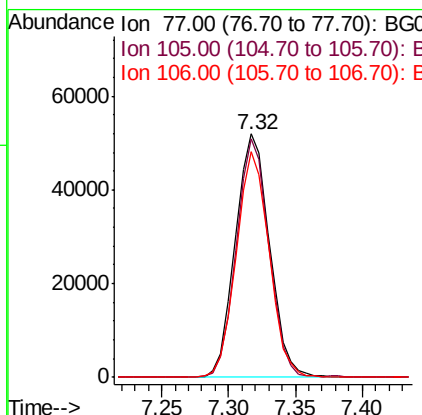
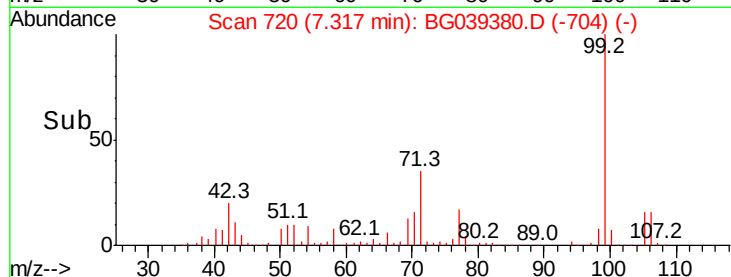
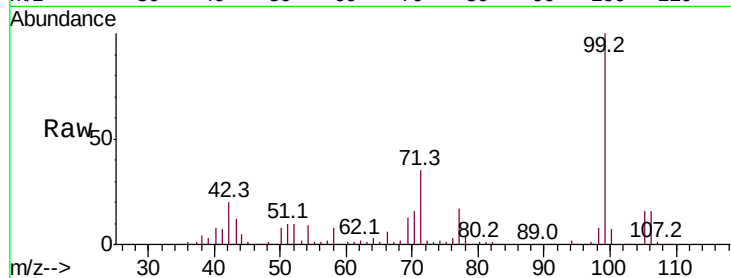
77 100

105 97.9 74.5 114.5

106 92.8 68.0 108.0

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#10

Phenol

Concen: 41.262 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

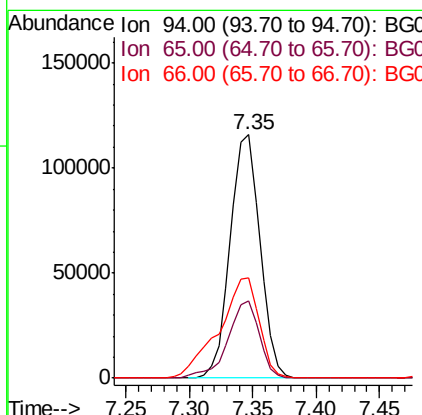
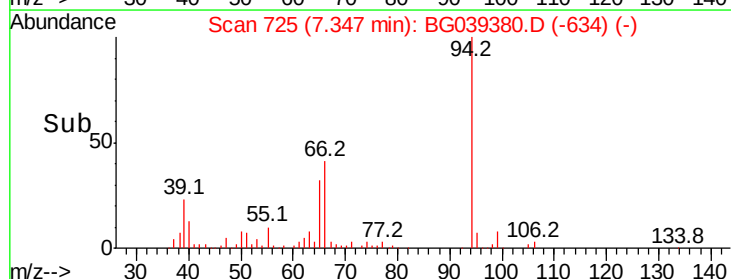
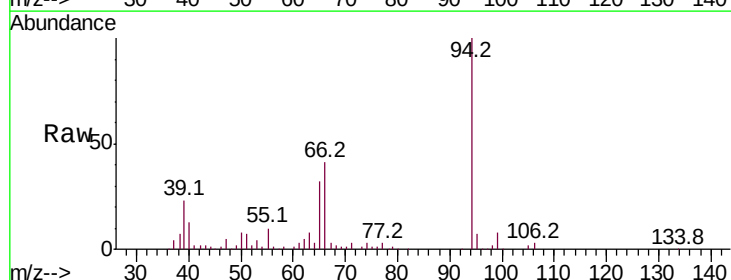
Tgt Ion: 94 Resp: 188251

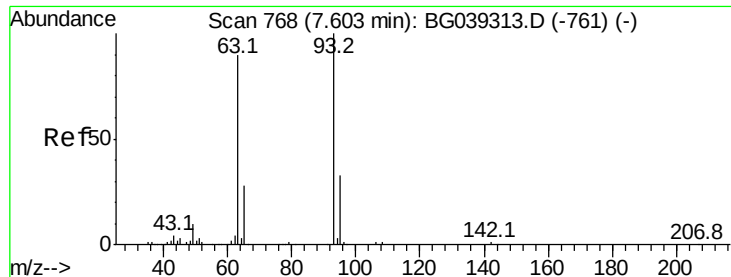
Ion Ratio Lower Upper

94 100

65 31.7 11.7 51.7

66 41.3 23.7 63.7





#11

bis(2-Chloroethyl)ether

Concen: 45.290 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

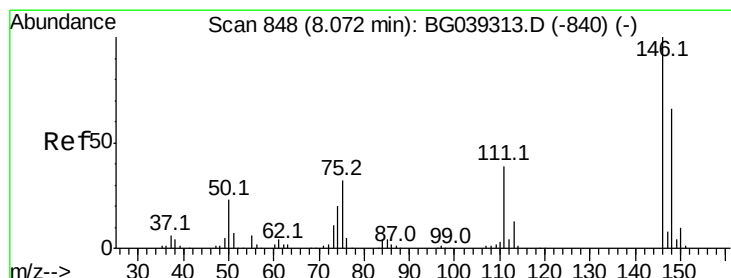
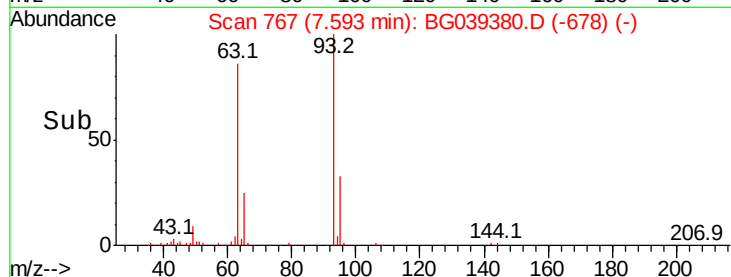
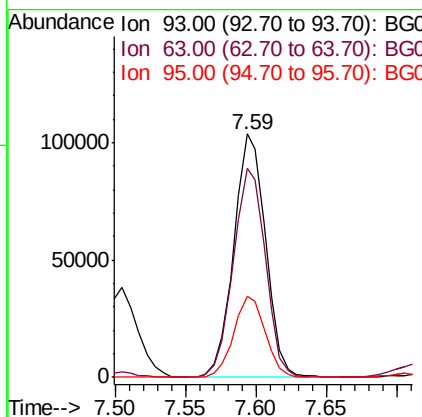
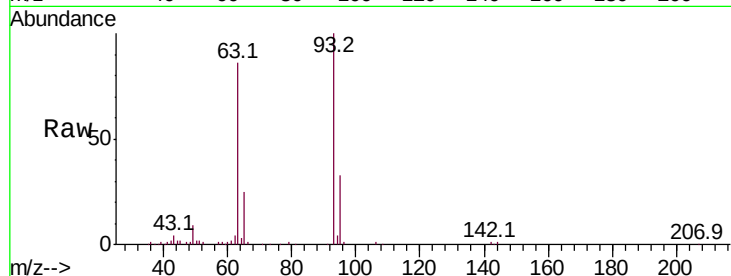
ClientSampleId :

AU-06-020519-AMSD

Tot Ion:	93	Resp:	163274
Ion	Ratio	Lower	Upper
93	100		
63	86.1	69.5	109.5
95	33.5	12.7	52.7

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 43.431 ng

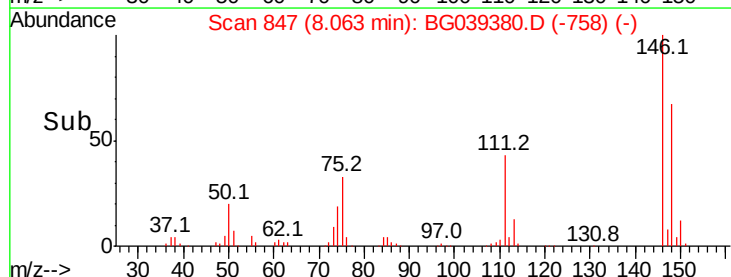
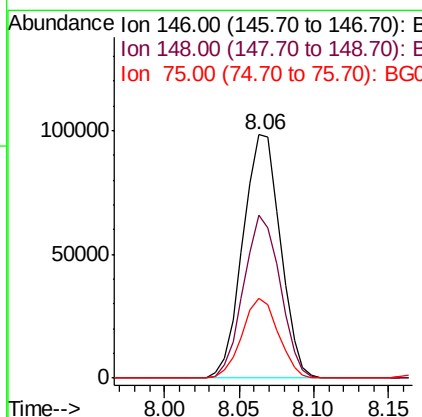
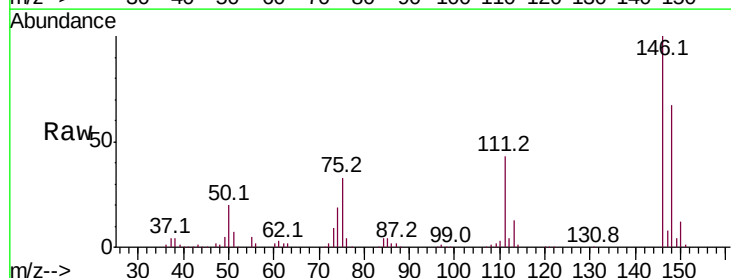
RT: 8.06 min Scan# 847

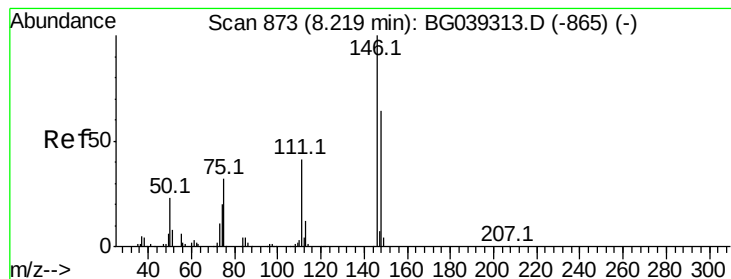
Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Tgt Ion:	146	Resp:	171000
Ion	Ratio	Lower	Upper
146	100		
148	67.0	52.6	79.0
75	32.9	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 45.550 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

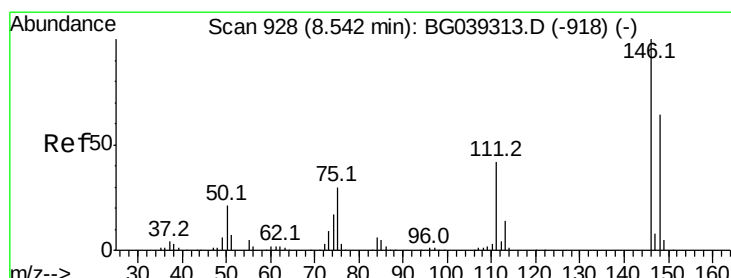
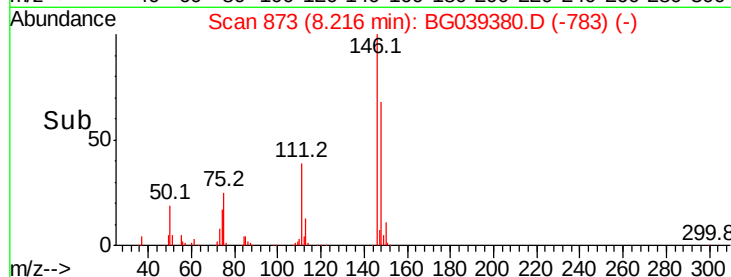
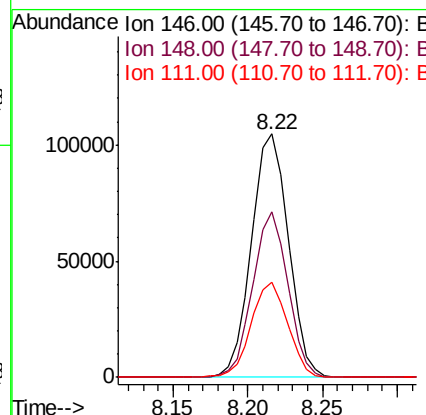
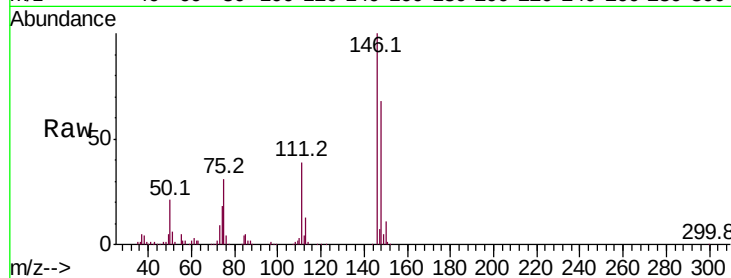
ClientSampleId :

AU-06-020519-AMSD

Tot Ion:	146	Resp:	178755
Ion Ratio	Lower	Upper	
146	100		
148	67.9	51.1	76.7
111	38.9	32.6	48.8

Manual Integrations
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mohammad
2/7/2019 8:41:13 AM



#14

1,2-Dichlorobenzene

Concen: 45.029 ng

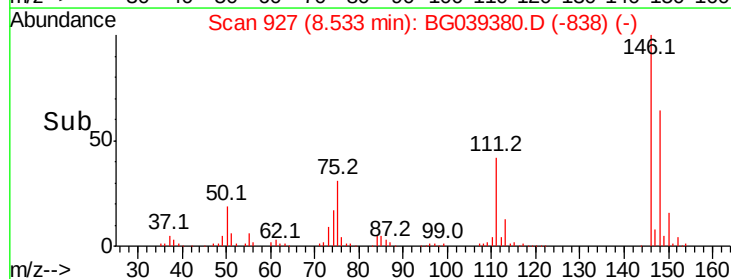
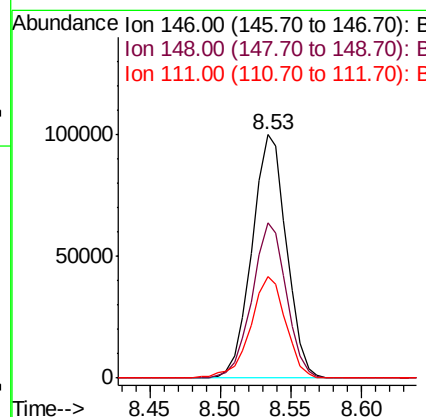
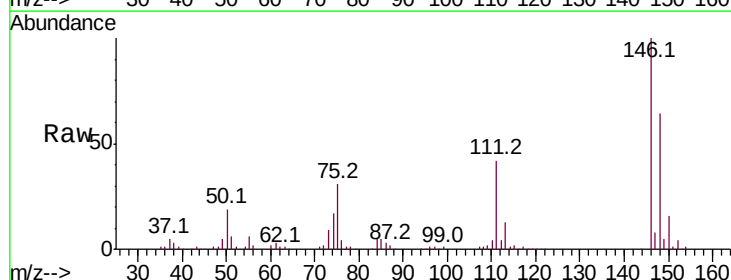
RT: 8.53 min Scan# 927

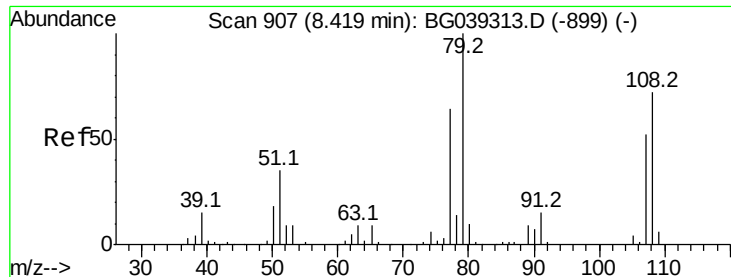
Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Tgt Ion:	146	Resp:	171070
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.5	77.3
111	41.9	33.8	50.6





#15

Benzyl Alcohol

Concen: 46.421 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

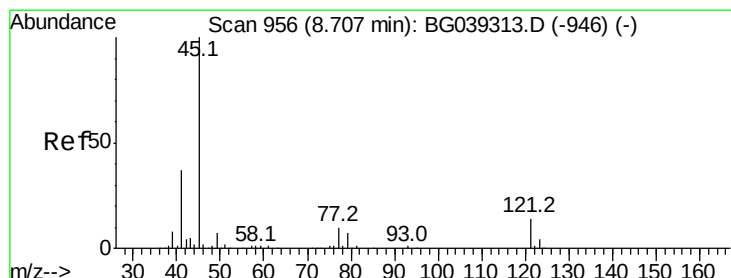
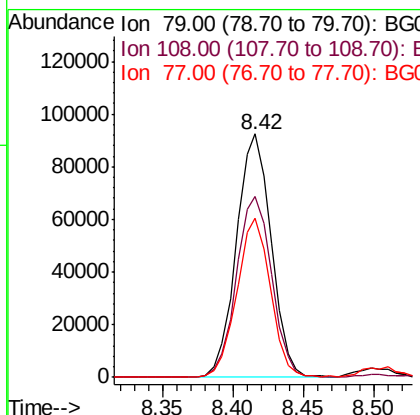
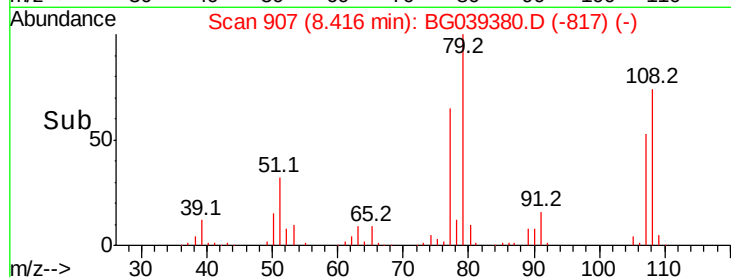
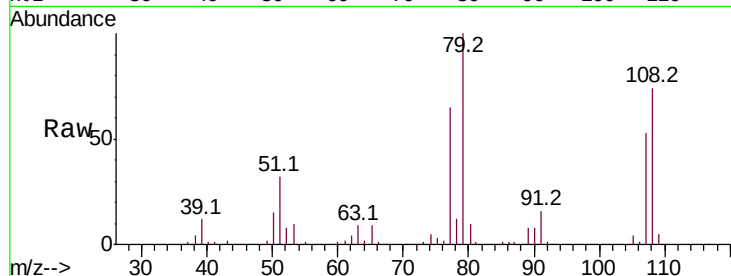
ClientSampleId :

AU-06-020519-AMSD

Tot Ion:	79	Resp:	159506
Ion Ratio	Lower	Upper	
79	100		
108	74.1	57.8	86.6
77	65.3	51.1	76.7

Manual Integrations
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2/7/2019 8:41:13 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.736 ng

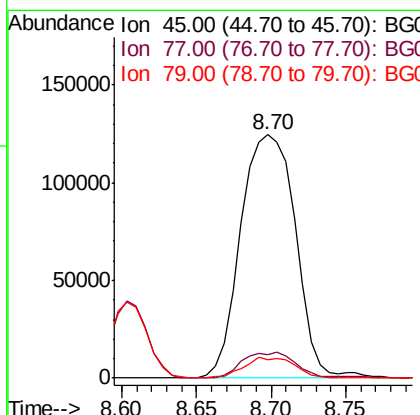
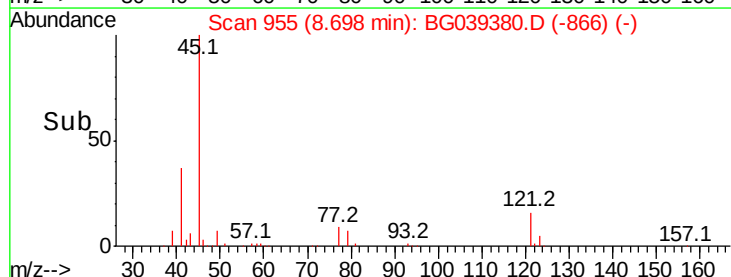
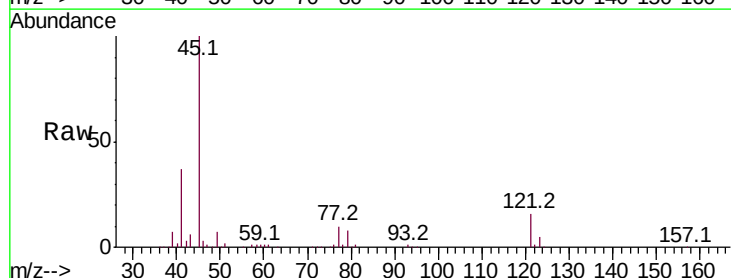
RT: 8.70 min Scan# 956

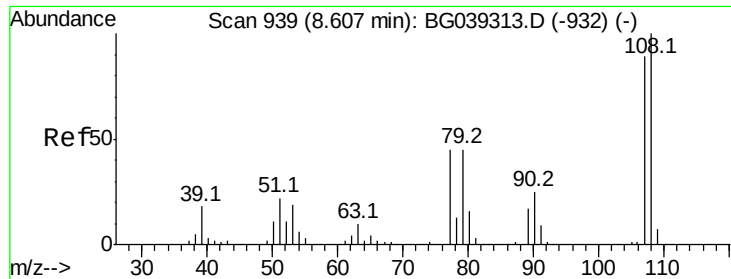
Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Tgt Ion:	45	Resp:	315355
Ion Ratio	Lower	Upper	
45	100		
77	9.7	0.0	30.0
79	7.6	0.0	27.5





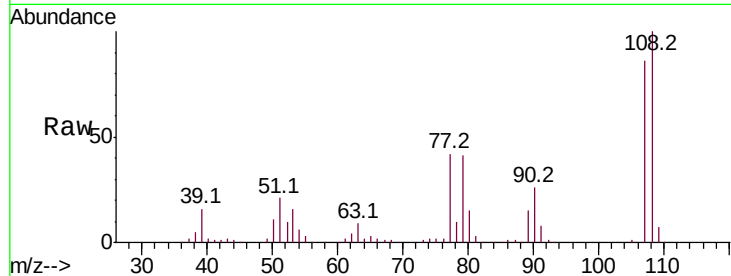
#17
2-Methylphenol
Concen: 47.492 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	140215		
108	116.1		90.8	136.2
77	48.5		40.7	61.1
79	48.0		40.6	60.8

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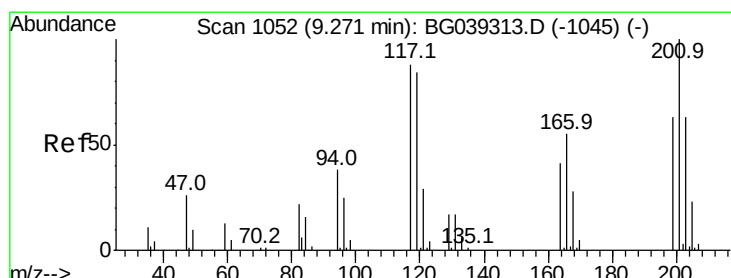
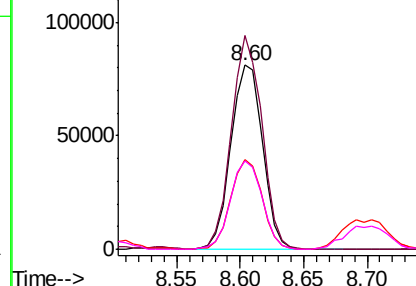
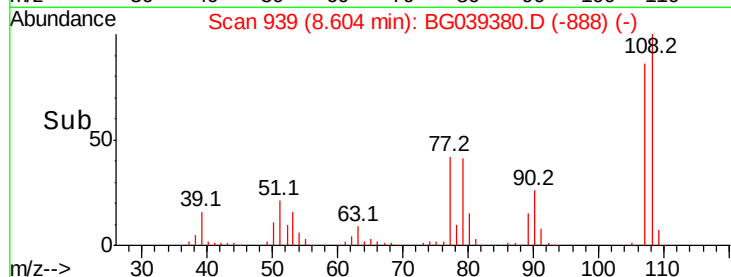
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

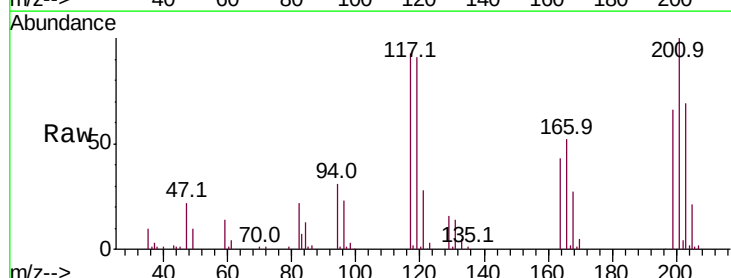
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 45.286 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61143		
119	97.9		76.3	114.5
201	107.3		91.1	136.7

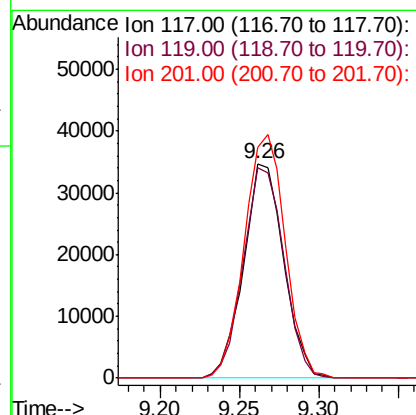
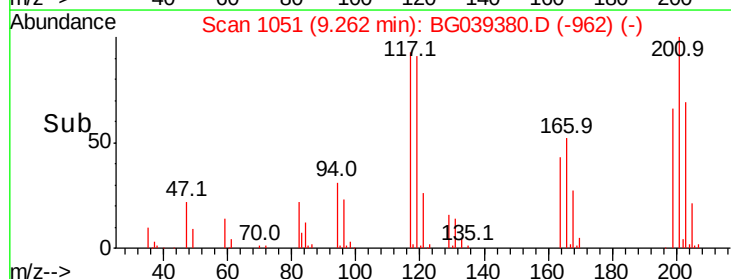


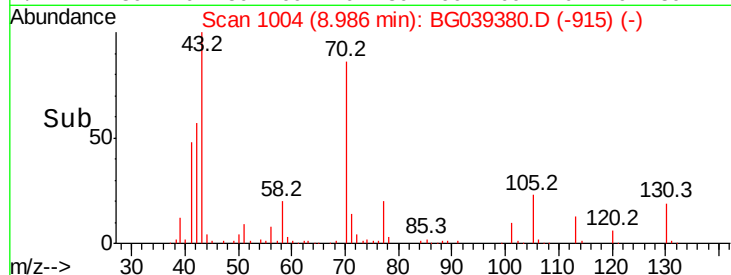
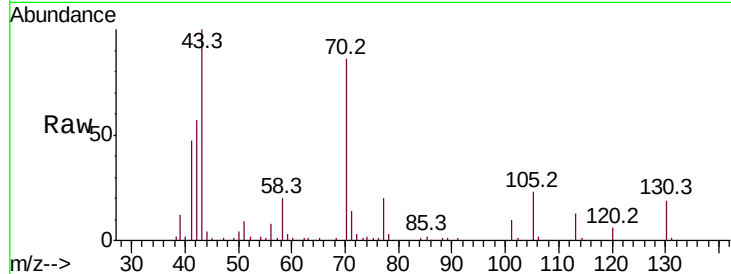
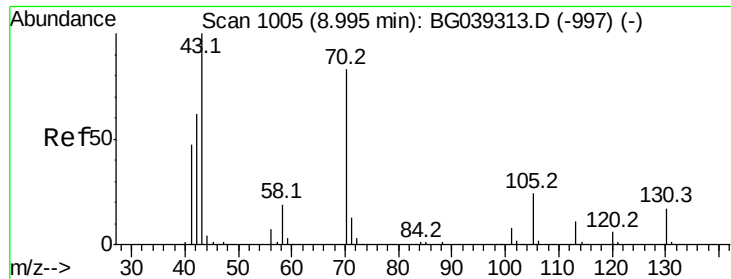
Abundance

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





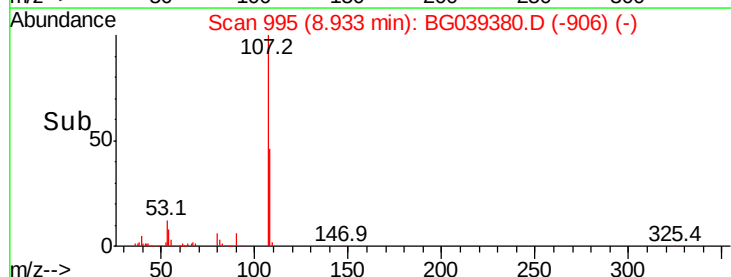
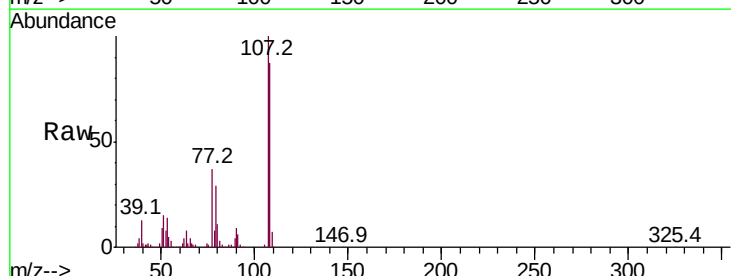
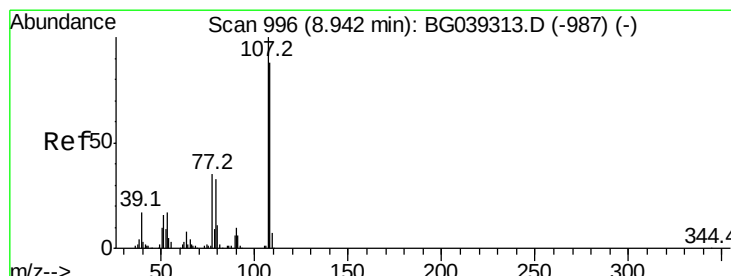
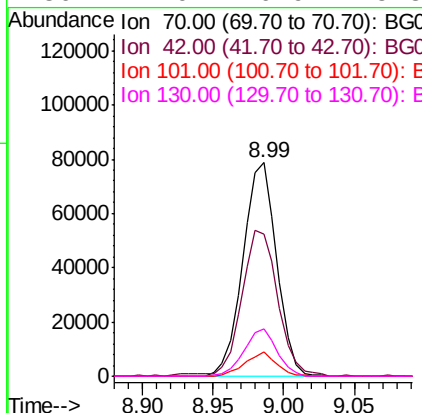
#19
n-Nitroso-di-n-propylamine
Concen: 42.386 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.3	60.4	90.6	
101	11.6	7.5	11.3	
130	22.0	16.9	25.3	

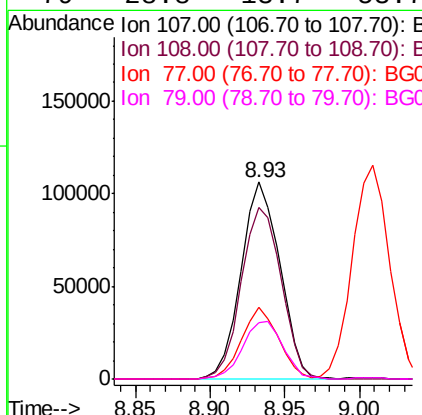
Manual Integrations
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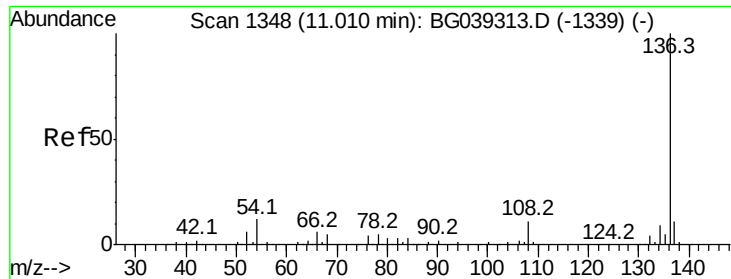
mohammad
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#20
3+4-Methylphenols
Concen: 47.186 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.1	67.9	107.9	
77	36.6	15.4	55.4	
79	28.8	13.7	53.7	





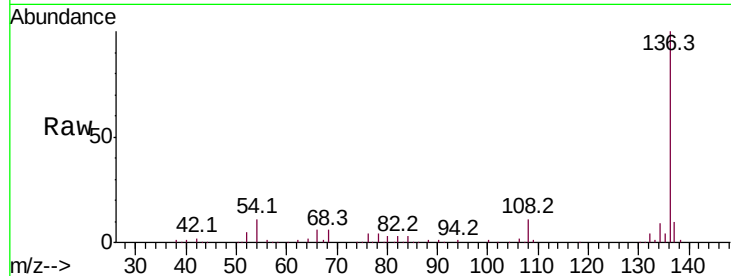
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	209205		
137	10.4		9.1	13.7
54	11.4		9.4	14.2
68	6.0		4.2	6.4

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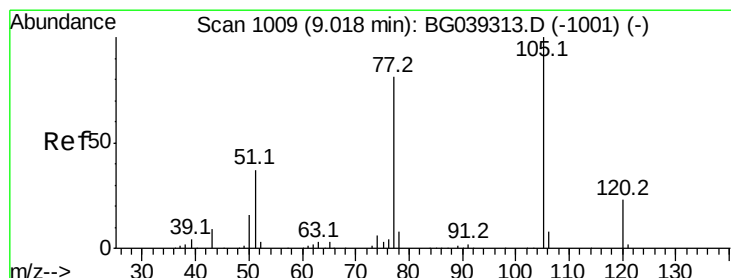
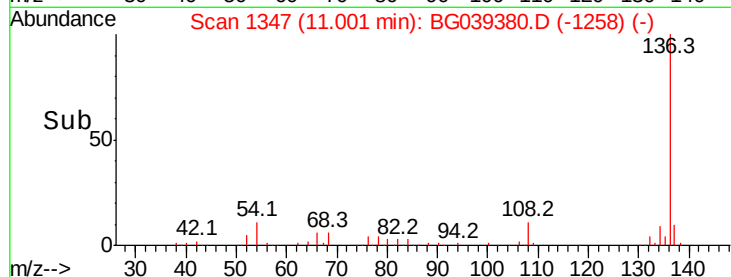
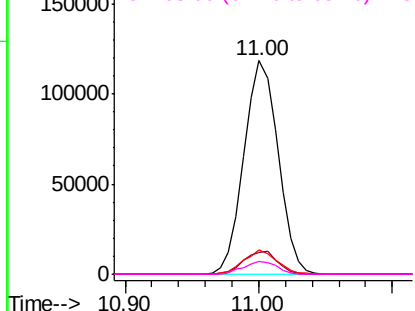
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 44.574 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	250489		
71	0.3		0.8	1.2#
51	32.8		30.2	45.2
120	21.4		18.0	27.0

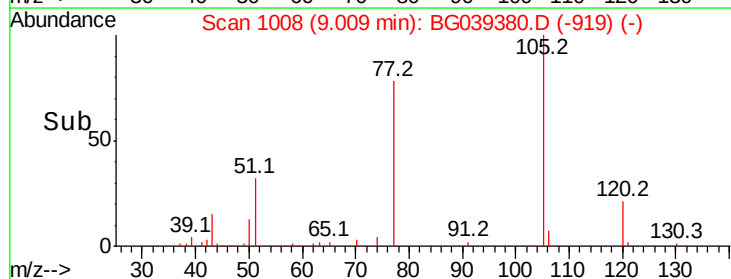
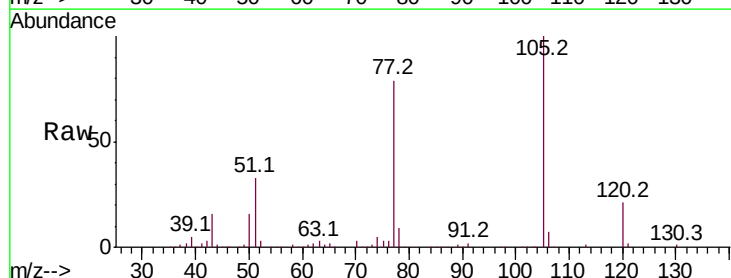
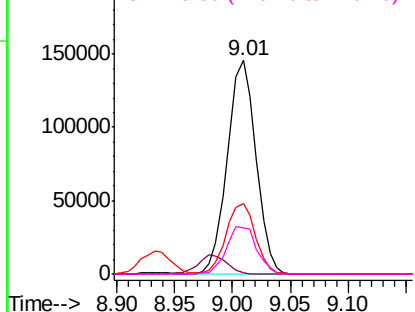
Abundance

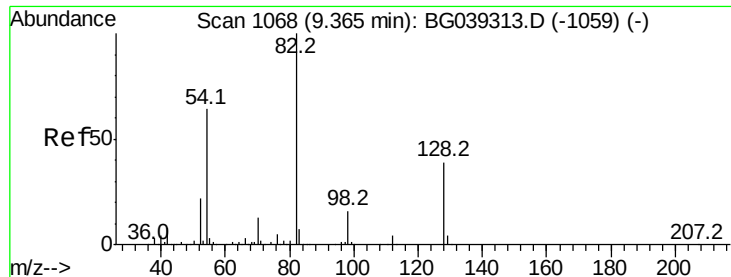
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





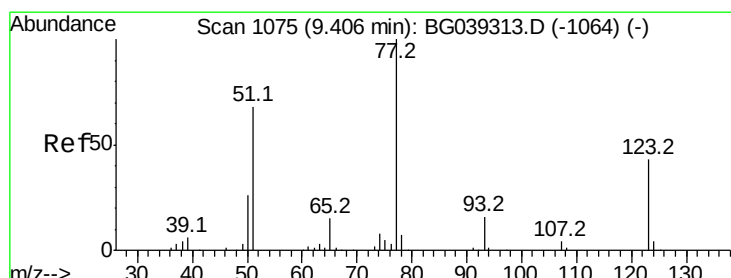
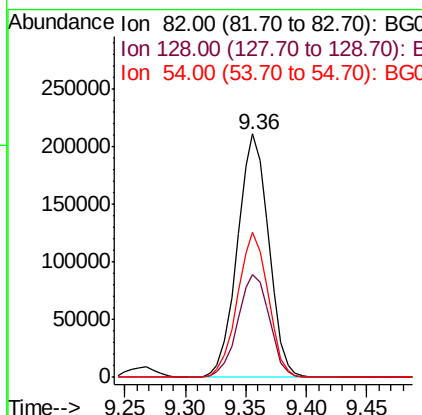
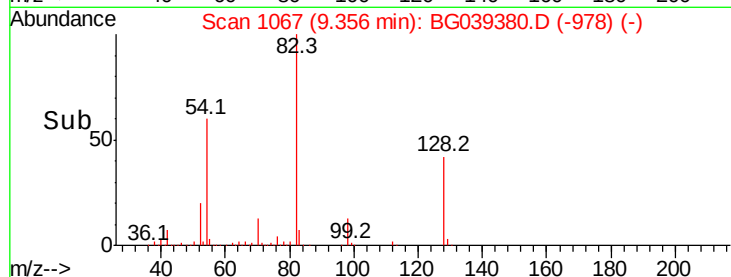
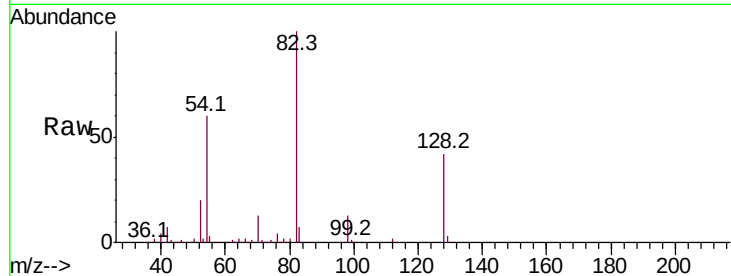
#23
 Nitrobenzene-d5
 Concen: 113.399 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BG039380.D
 Acq: 6 Feb 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-020519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.4	31.3	46.9	
54	59.8	50.9	76.3	

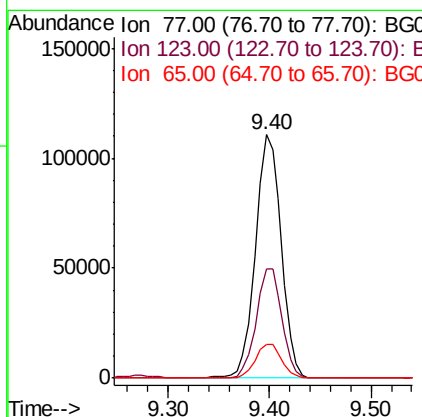
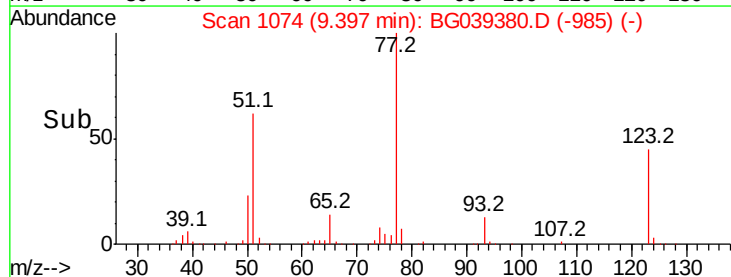
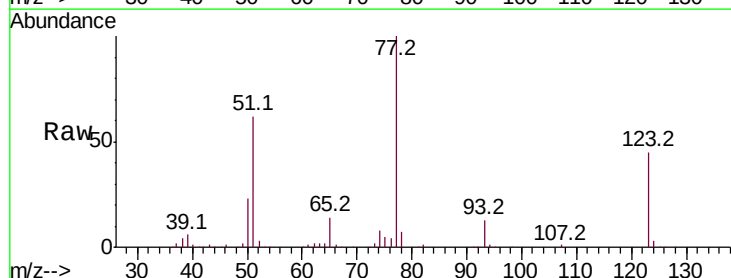
Manual Integrations
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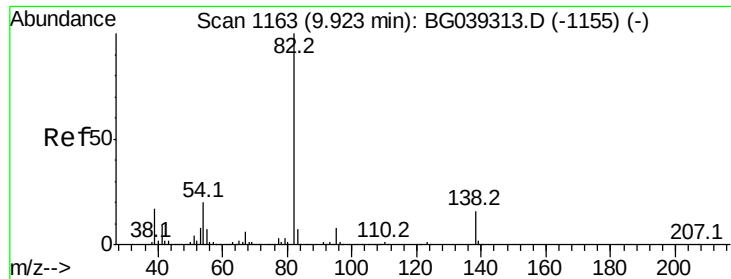
mohammad
 2/7/2019 8:41:13 AM



#24
 Nitrobenzene
 Concen: 53.797 ng
 RT: 9.40 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BG039380.D
 Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.8	34.1	51.1	
65	14.1	12.3	18.5	





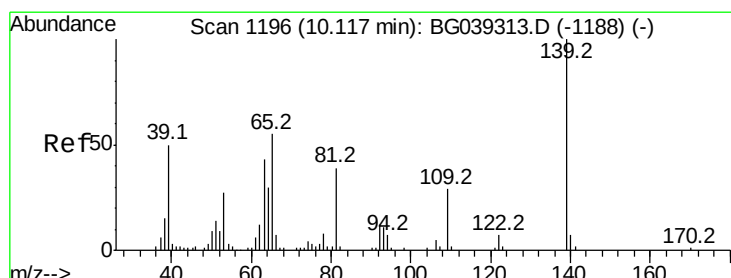
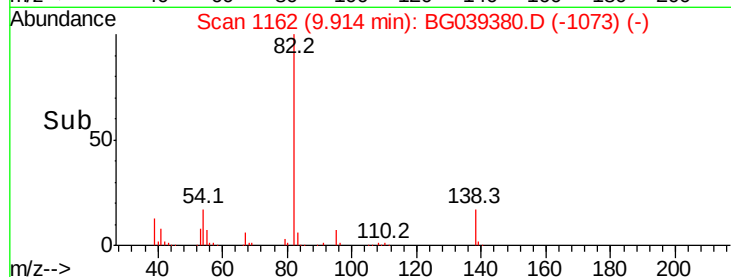
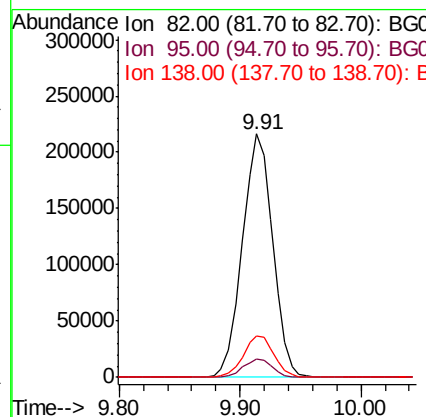
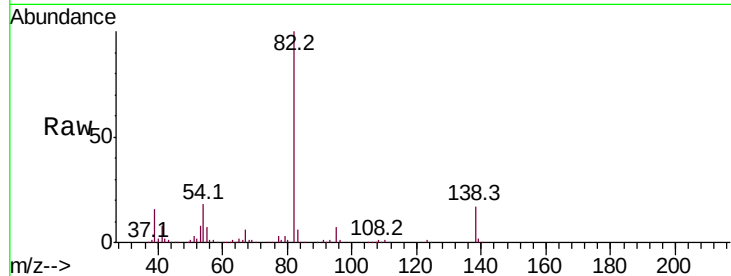
#25
Isophorone
Concen: 50.976 ng
RT: 9.91 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.4	6.2	9.2	
138	17.0	13.0	19.4	

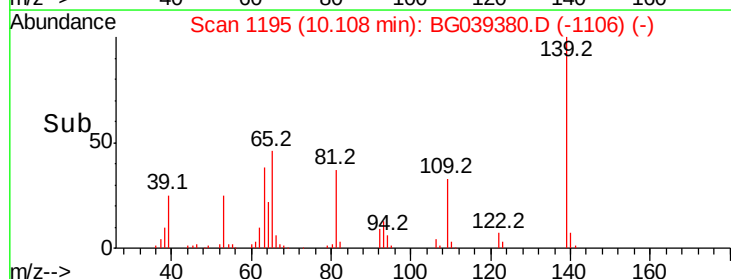
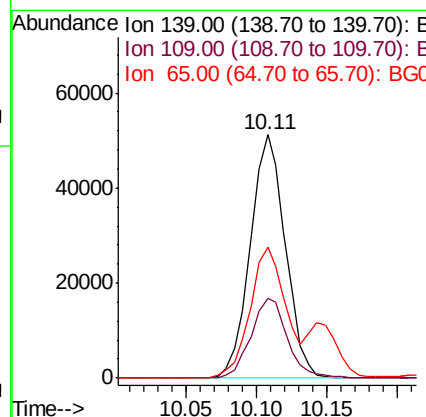
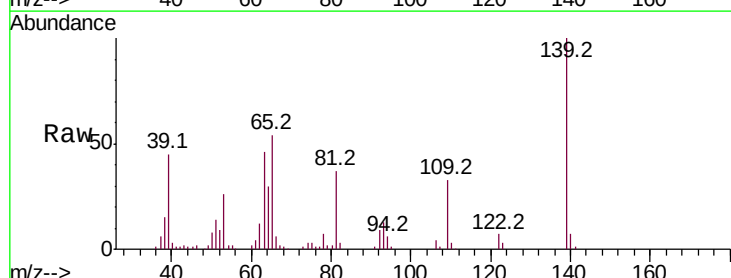
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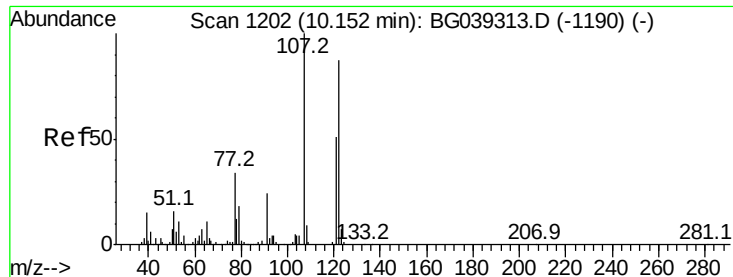
mohammad
2/7/2019 8:41:13 AM



#26
2-Nitrophenol
Concen: 58.521 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	32.8	23.4	35.0	
65	53.7	44.3	66.5	





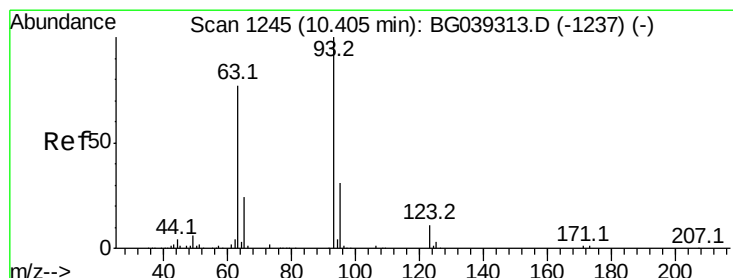
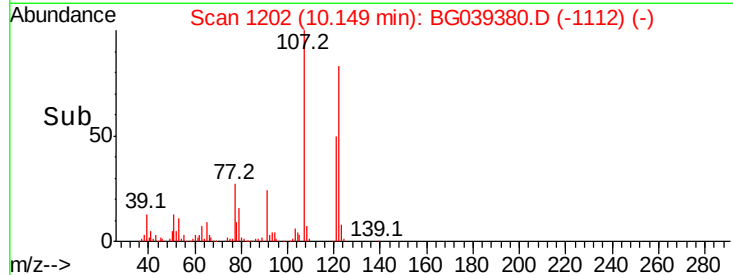
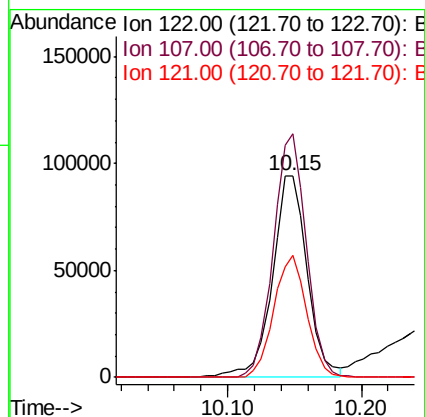
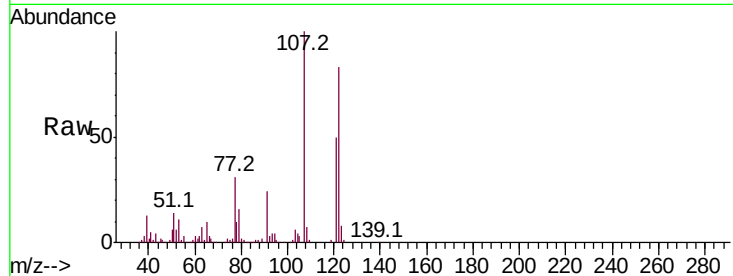
#27
 2,4-Dimethylphenol
 Concen: 57.091 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BG039380.D
 Acq: 6 Feb 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-020519-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.6	91.7	137.5
121	60.4	46.4	69.6

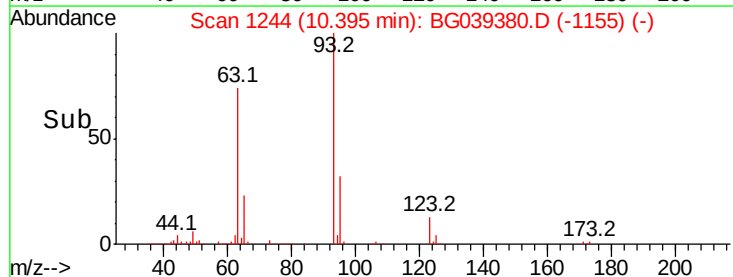
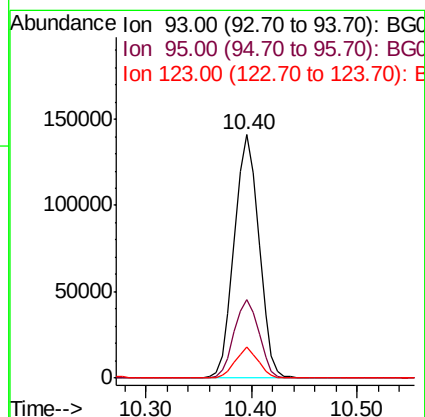
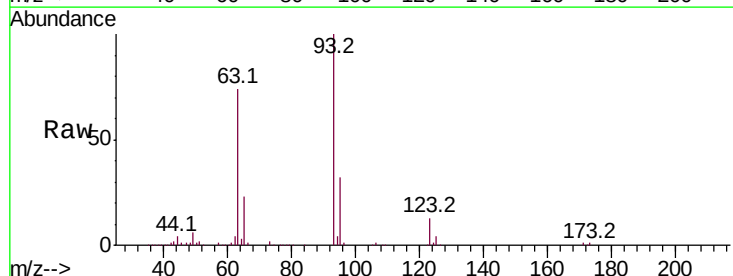
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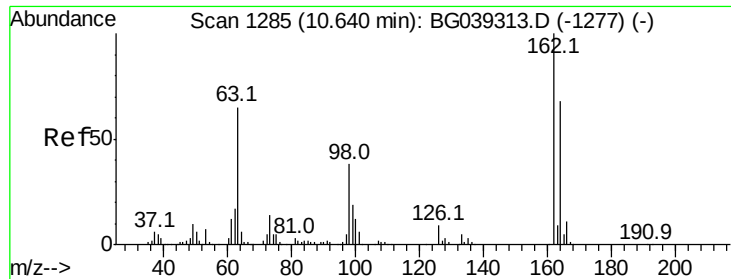
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 49.750 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BG039380.D
 Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.0	37.4
123	12.6	8.6	12.8





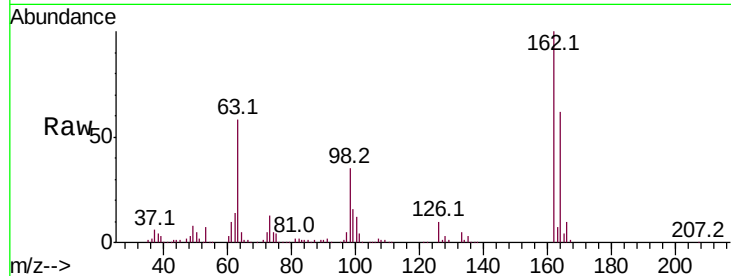
#29
2,4-Dichlorophenol
Concen: 53.816 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	176564		
164	61.7	48.1	88.1	
98	34.6	18.1	58.1	

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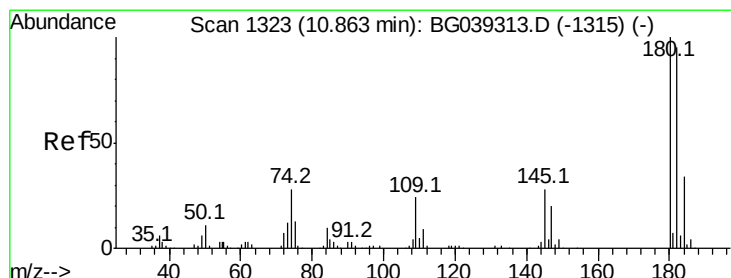
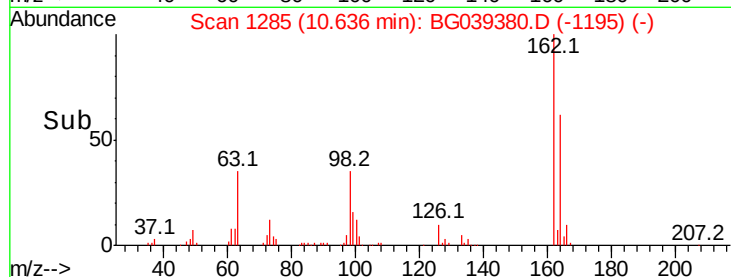
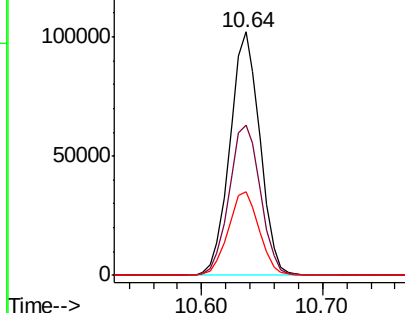


Abundance

Ion 162.00 (161.70 to 162.70): E

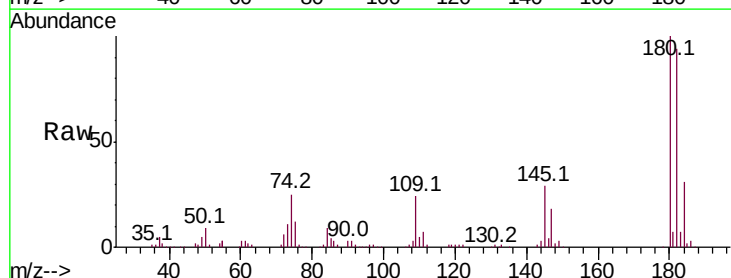
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 49.250 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	181413		
182	94.2	76.0	114.0	
145	28.9	22.7	34.1	

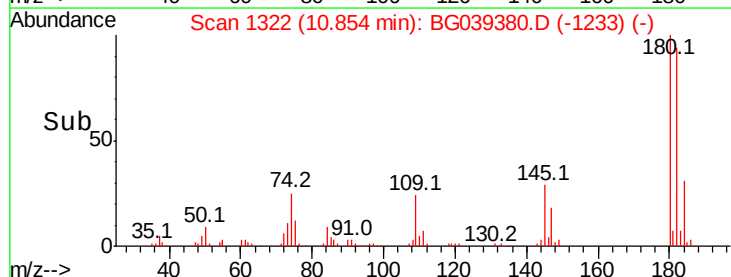
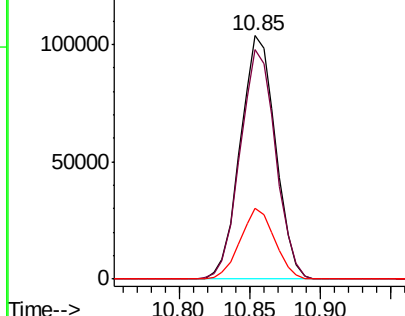


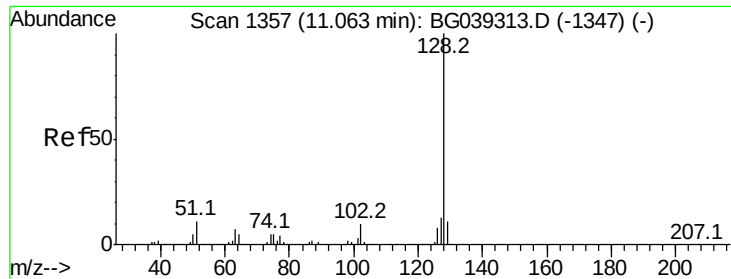
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





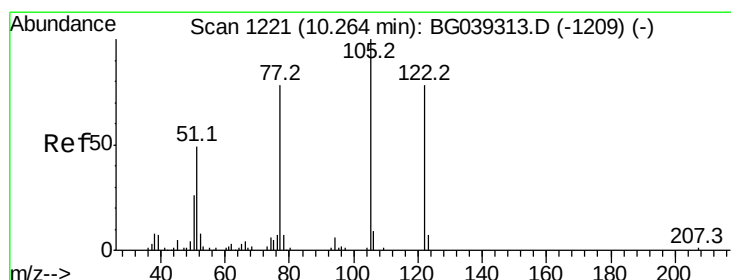
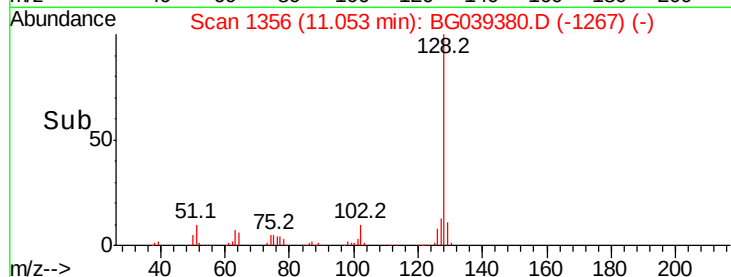
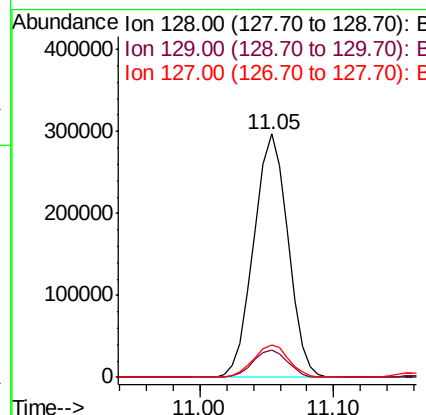
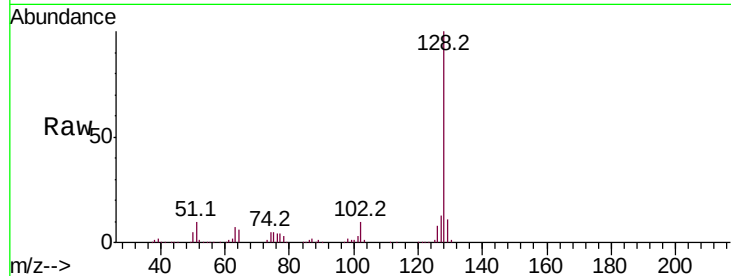
#31
Naphthalene
Concen: 50.620 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	8.7	13.1	
127	13.1	10.8	16.2	

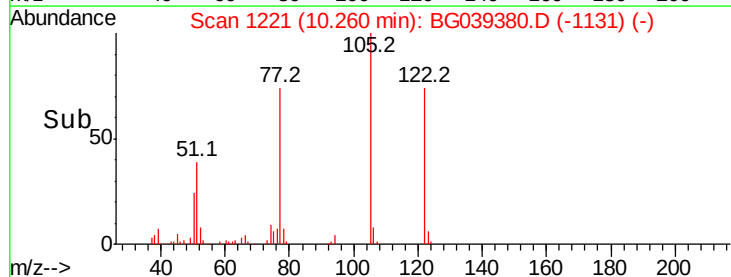
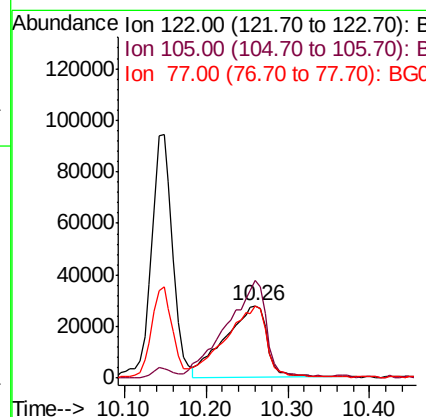
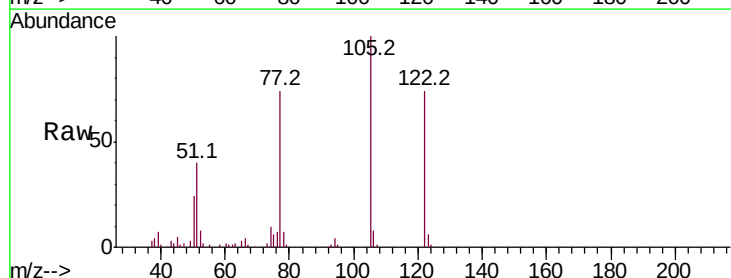
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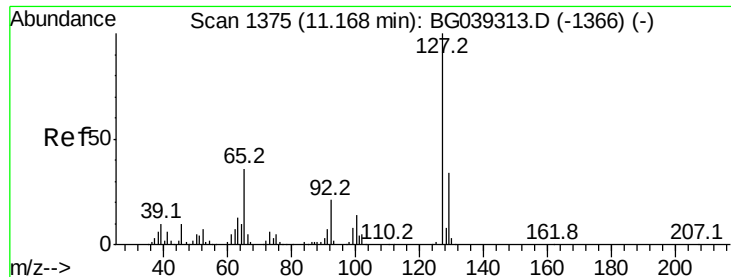
mohammad
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#32
Benzoic acid
Concen: 50.135 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	134.5	101.8	141.8	
77	99.4	76.3	116.3	





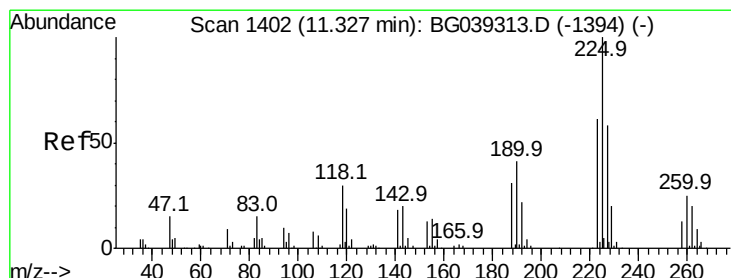
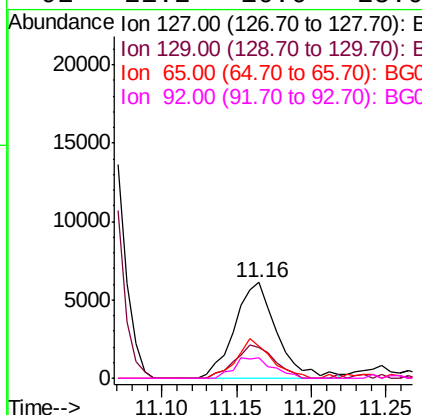
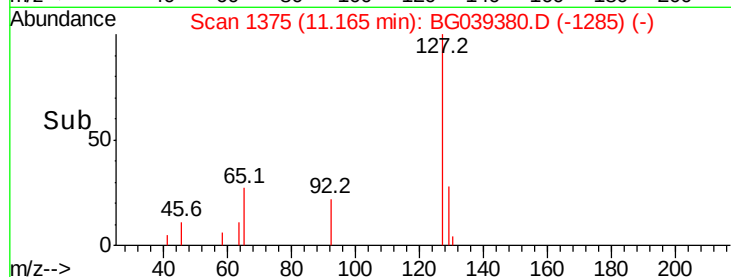
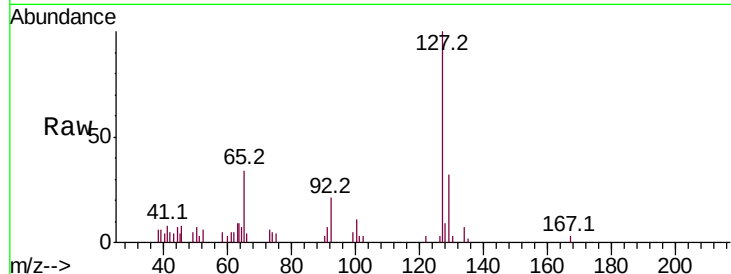
#33
4-Chloroaniline
Concen: 2.475 ng
RT: 11.16 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	27.0	40.4		
65	33.7	28.8	43.2		
92	21.2	16.6	25.0		

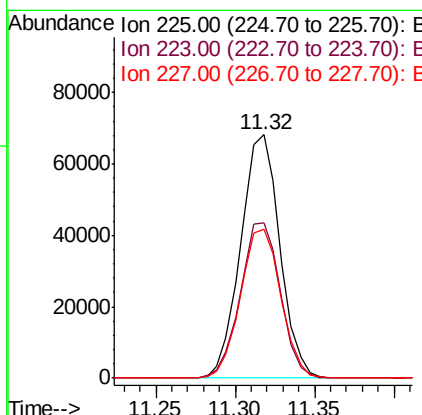
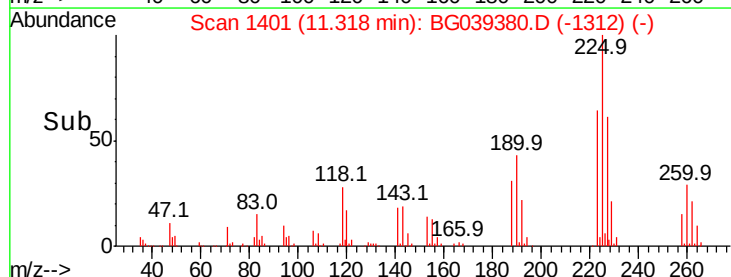
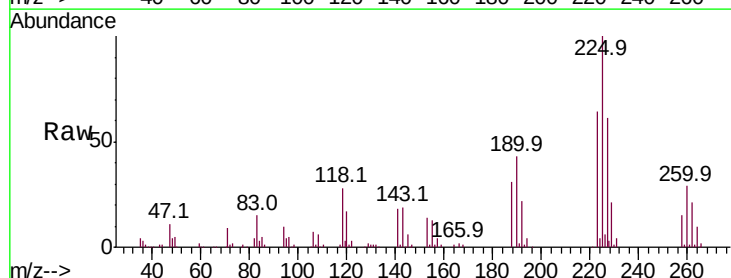
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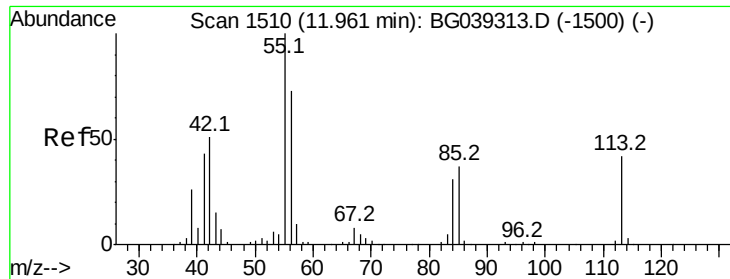
mohammad
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#34
Hexachlorobutadiene
Concen: 47.736 ng
RT: 11.32 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	49.0	73.6		
227	61.4	46.3	69.5		





#35

Caprolactam

Concen: 34.863 ng/ml

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

AU-06-020519-AMSD

Tot Ion:113 Resp: 47332

Ion Ratio Lower Upper

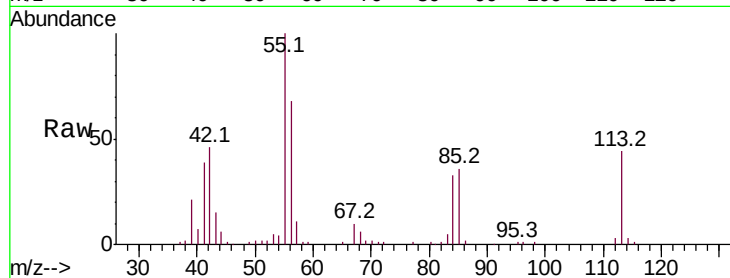
113 100

55 227.4 216.9 256.9

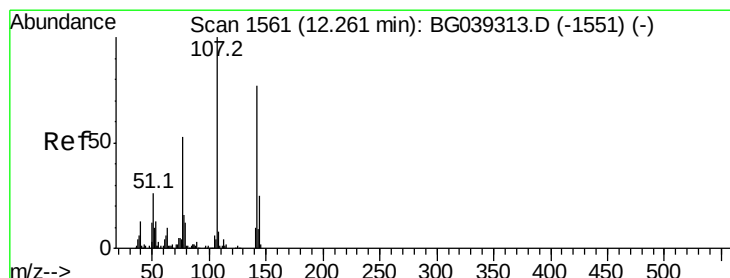
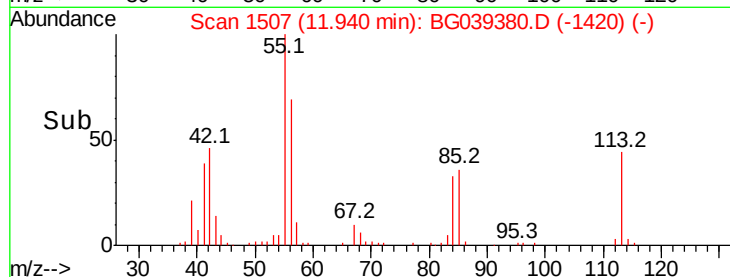
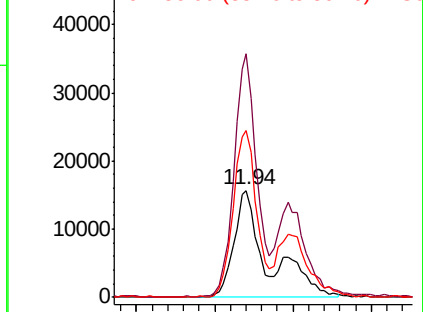
56 155.3 152.6 192.6

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 50.259 ng/ml

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

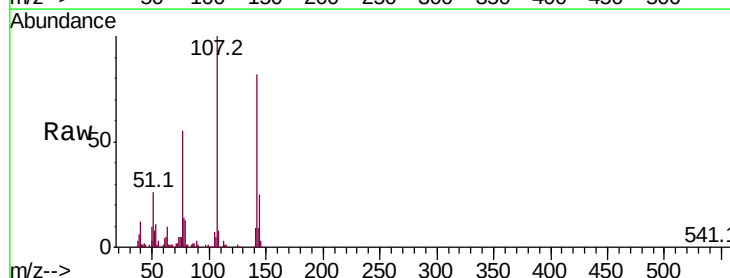
Tgt Ion:107 Resp: 190701

Ion Ratio Lower Upper

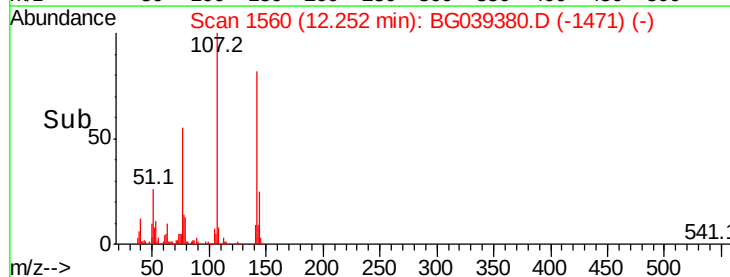
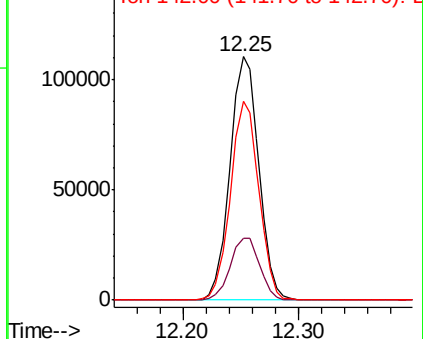
107 100

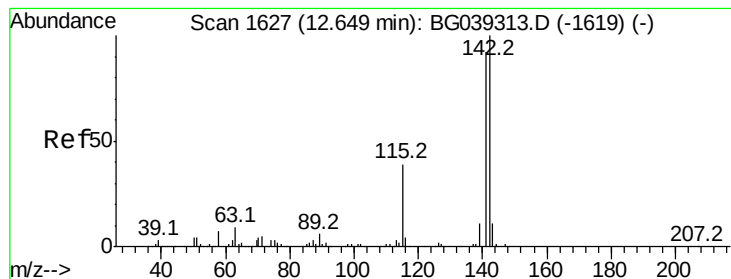
144 25.3 20.2 30.2

142 81.9 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





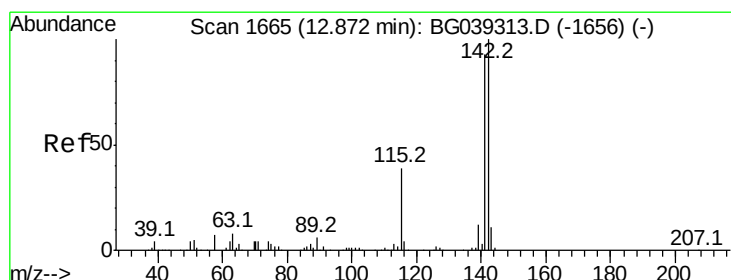
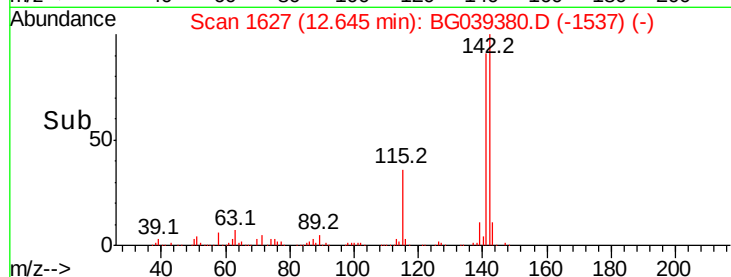
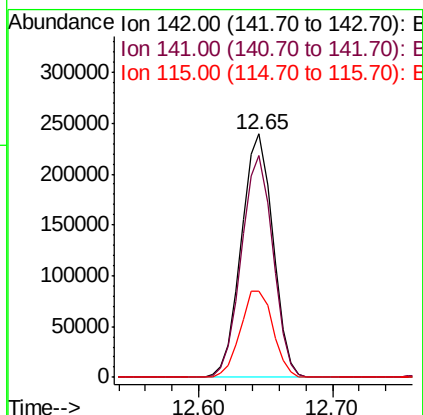
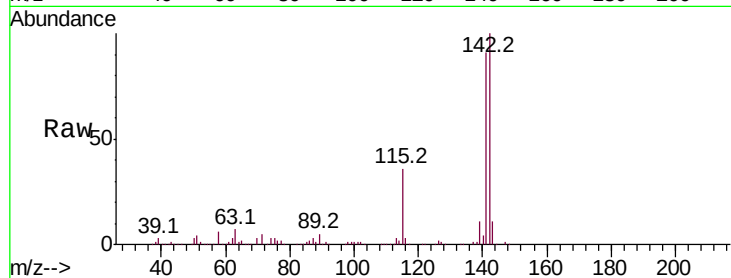
#37
2-Methylnaphthalene
Concen: 50.980 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.5	110.3
115	35.6	30.8	46.2

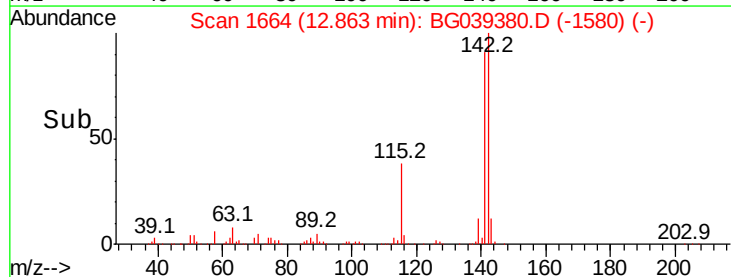
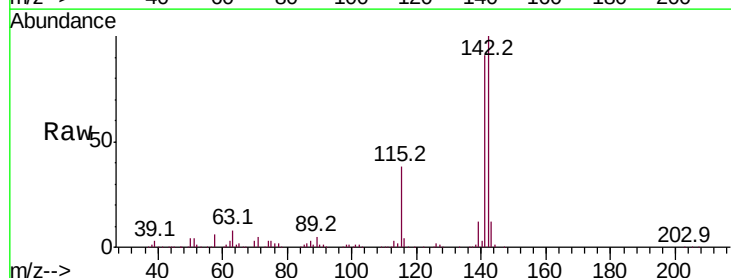
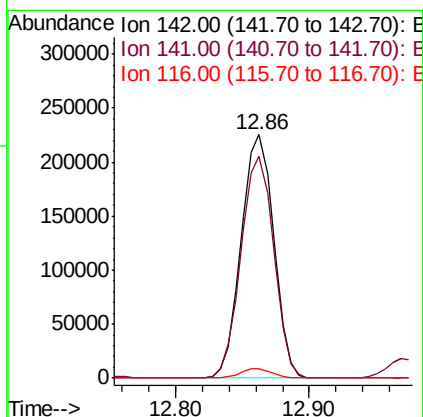
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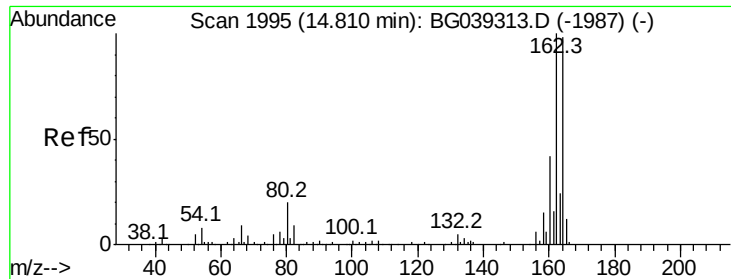
mohammad
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#38
1-Methylnaphthalene
Concen: 51.160 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.2	111.4
116	3.7	3.0	4.6





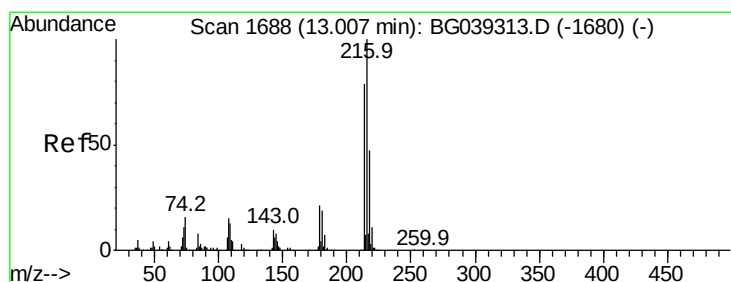
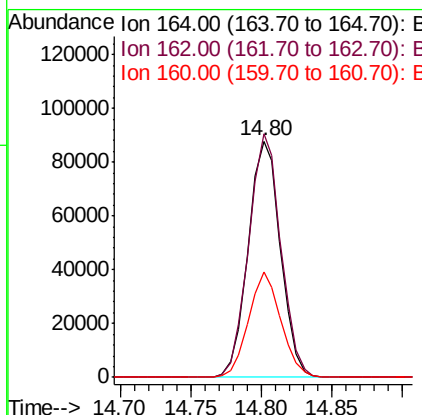
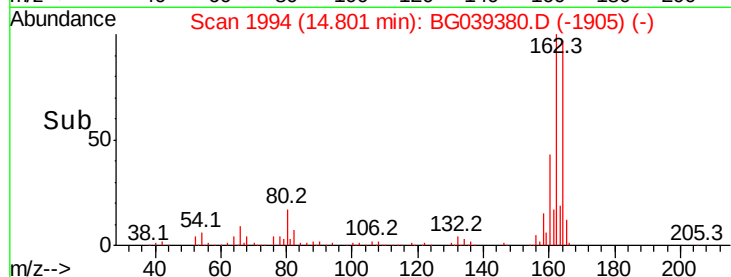
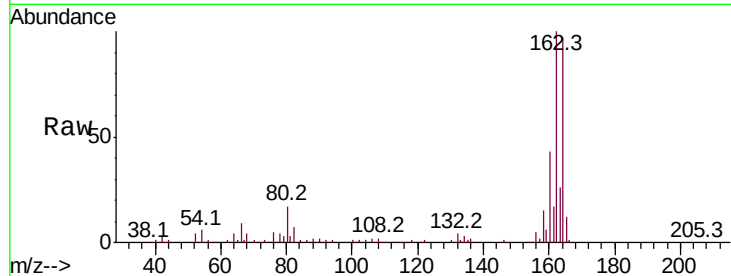
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.6	122.4
160	44.4	34.2	51.2

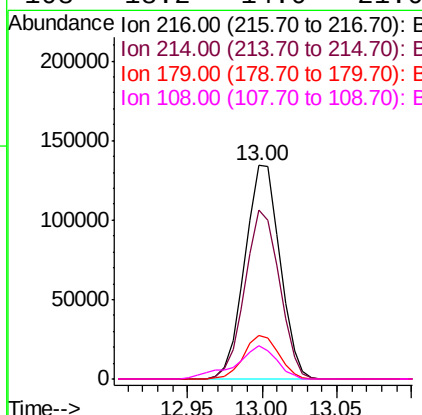
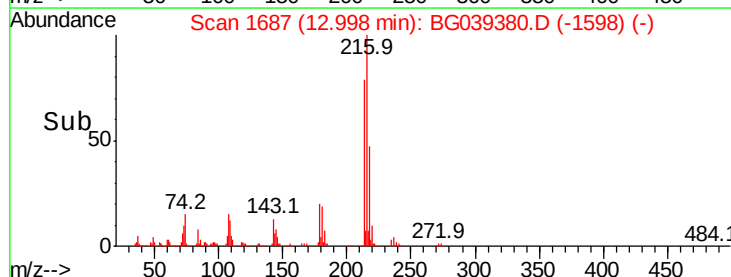
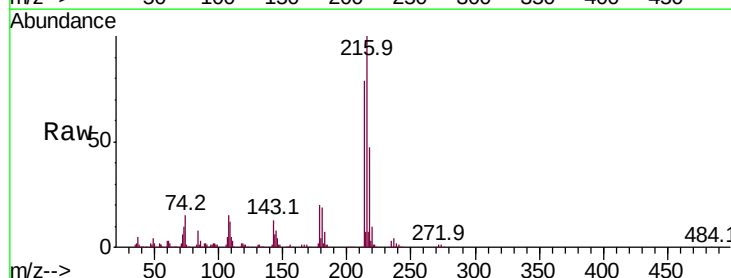
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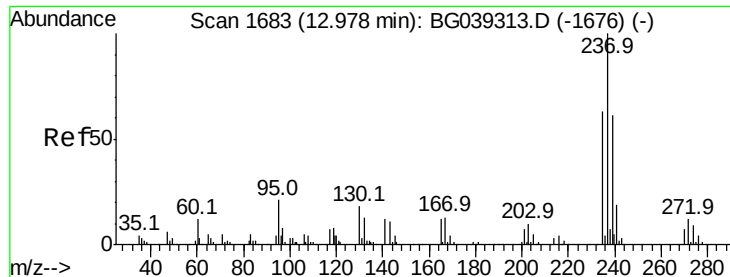
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.748 ng
RT: 13.00 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.6	94.0
179	20.2	16.6	25.0
108	18.2	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 111.957 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

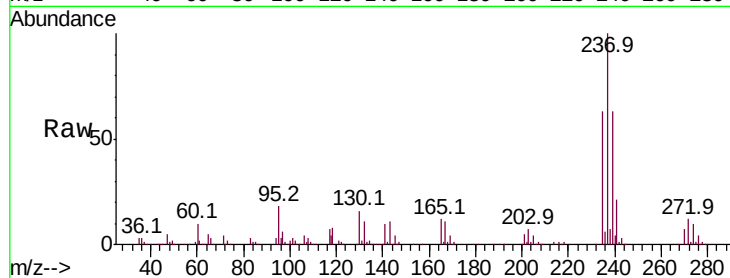
ClientSampleId :

AU-06-020519-AMSD

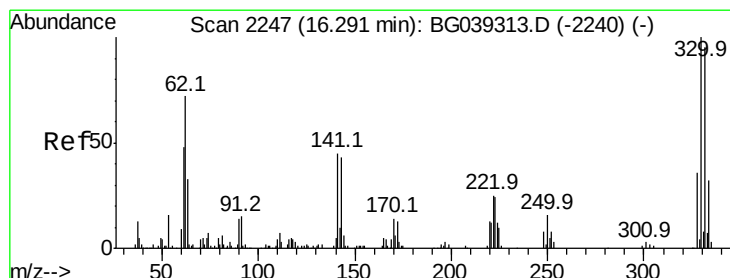
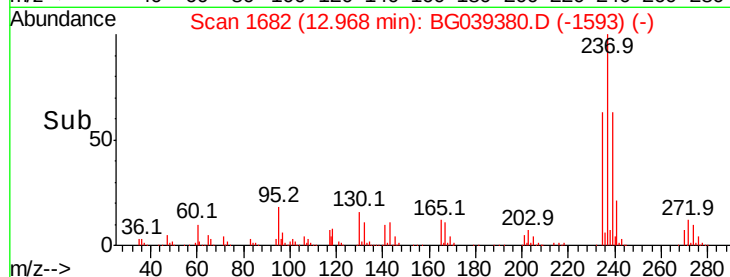
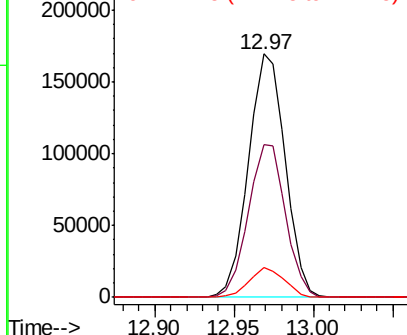
Tot Ion:	237	Resp:	273610
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.3	83.3
272	12.1	0.0	32.3

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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: 164.139 ng

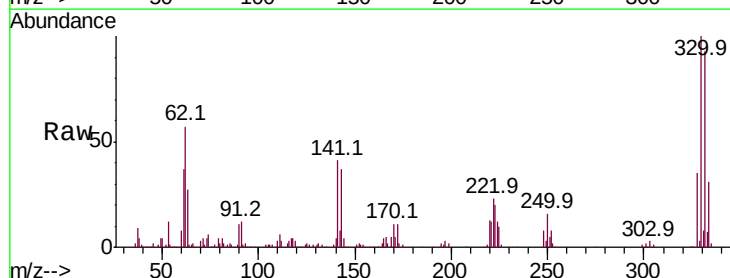
RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

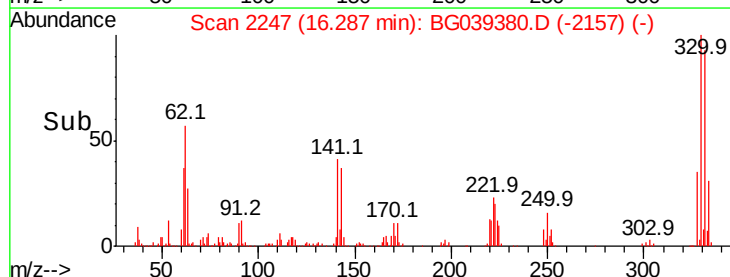
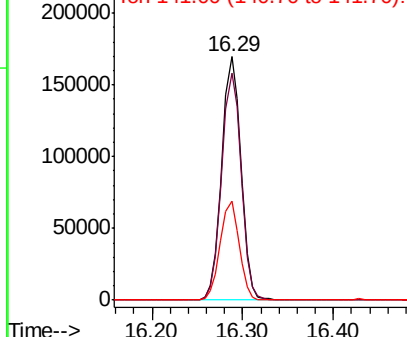
Lab File: BG039380.D

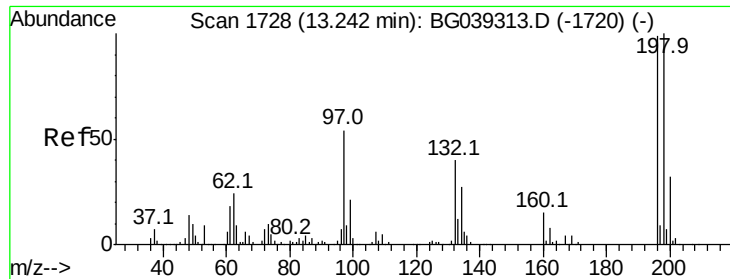
Acq: 6 Feb 2019 21:12

Tgt Ion:	330	Resp:	249142
Ion Ratio	Lower	Upper	
330	100		
332	94.5	75.7	113.5
141	40.4	35.6	53.4



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





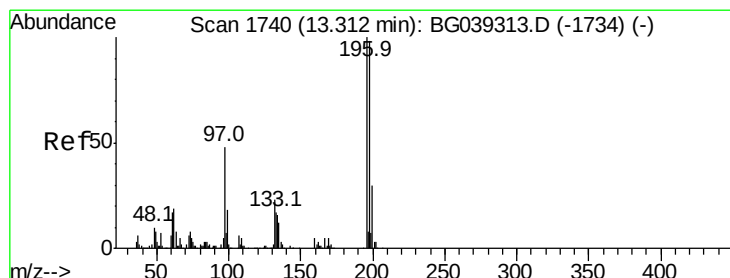
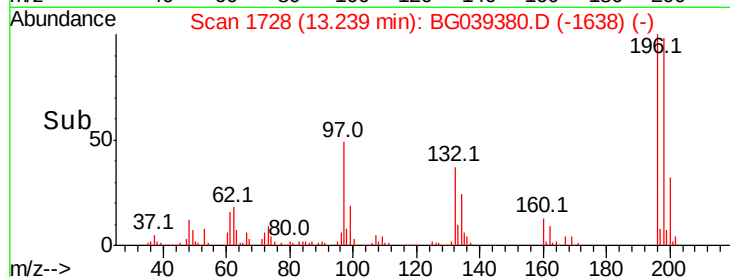
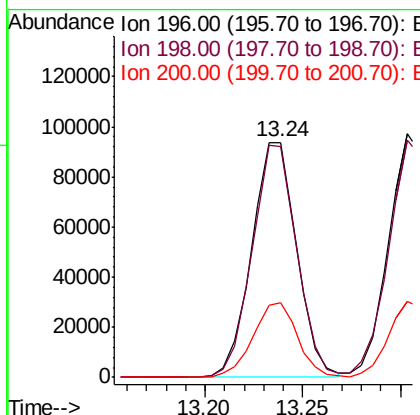
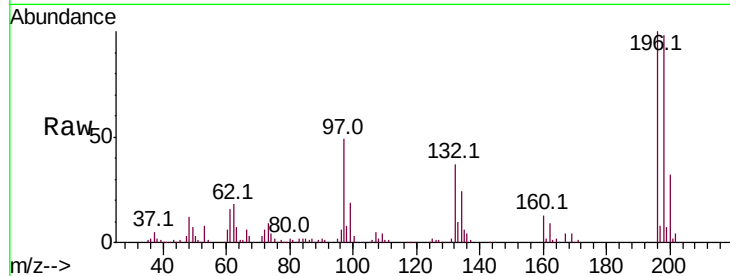
#43
 2,4,6-Trichlorophenol
 Concen: 54.257 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG039380.D
 Acq: 6 Feb 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-020519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	149617		
198	98.4	80.6	121.0	
200	31.7	26.1	39.1	

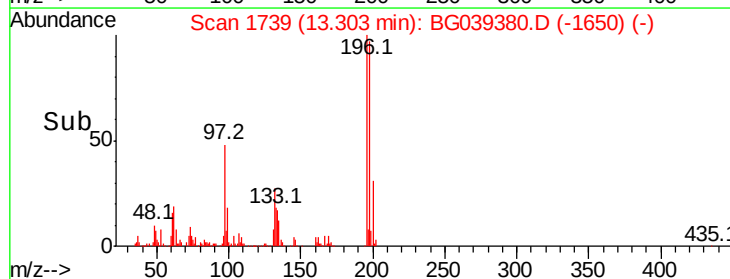
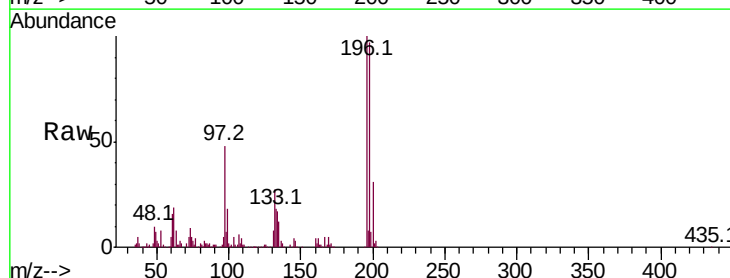
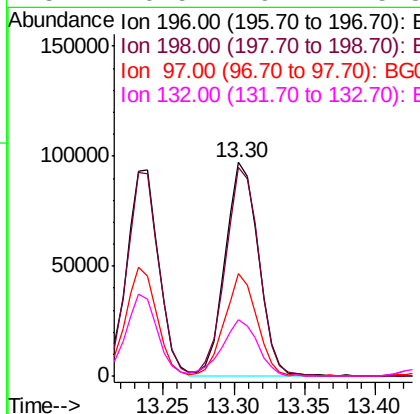
Manual Integrations
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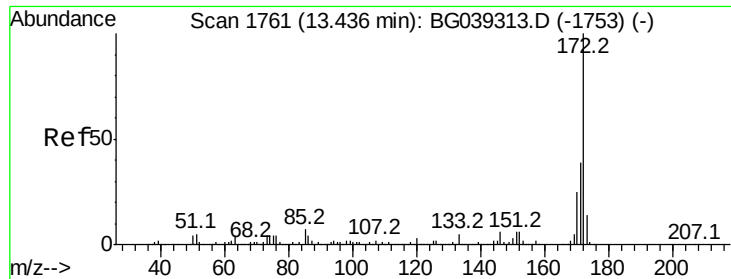
mohammad
 2/7/2019 8:41:13 AM



#44
 2,4,5-Trichlorophenol
 Concen: 55.498 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039380.D
 Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	160397		
198	97.4	78.5	117.7	
97	48.1	38.4	57.6	
132	26.5	19.2	28.8	





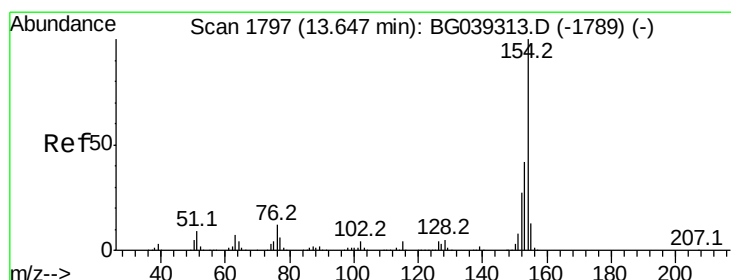
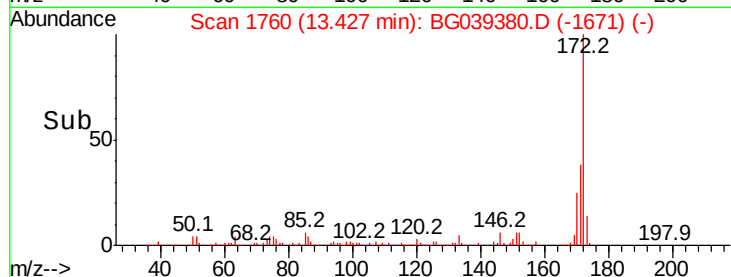
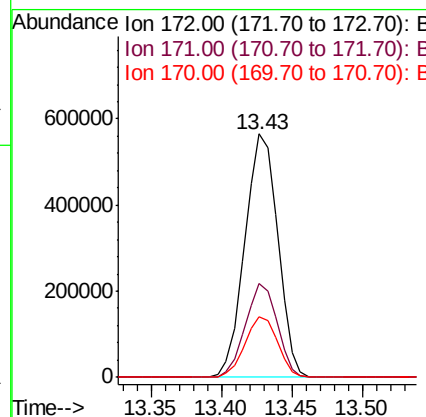
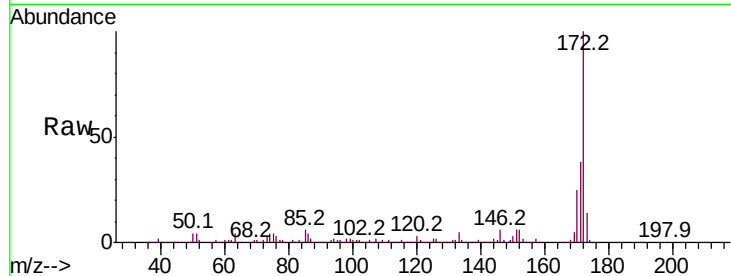
#45
2-Fluorobiphenyl
Concen: 93.236 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	916136		
171	38.4		30.8	46.2
170	25.1		20.2	30.4

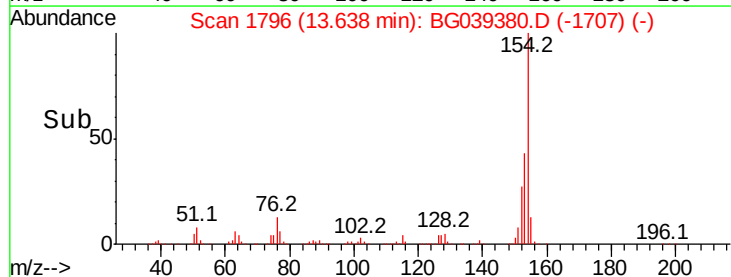
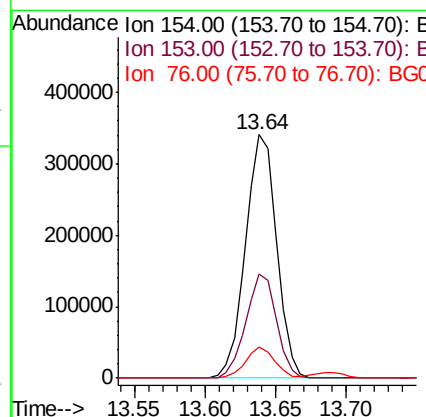
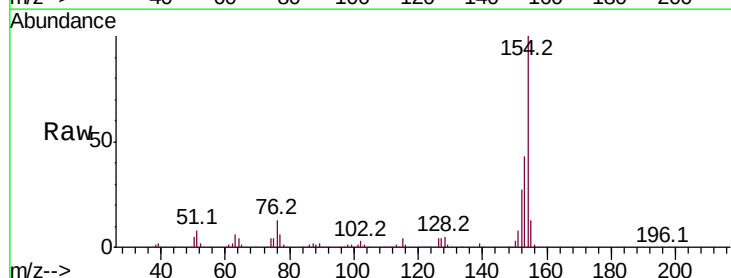
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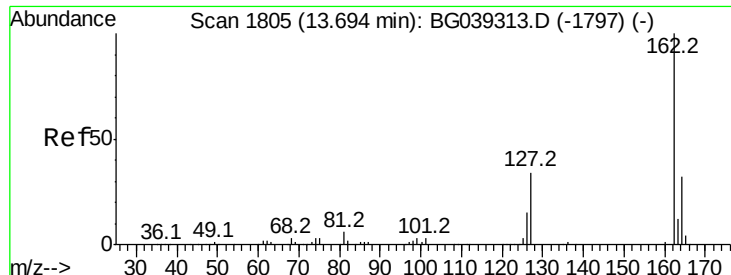
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#46
1,1'-Biphenyl
Concen: 44.846 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	525962		
153	42.7		22.1	62.1
76	12.7		0.0	32.4





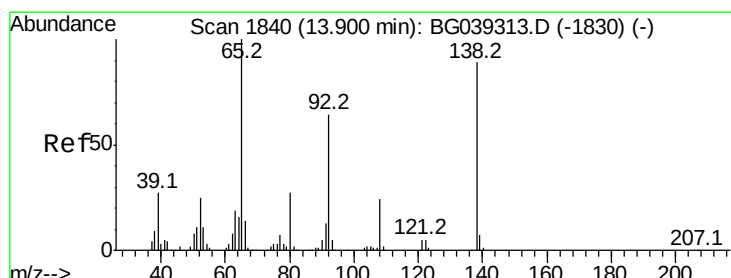
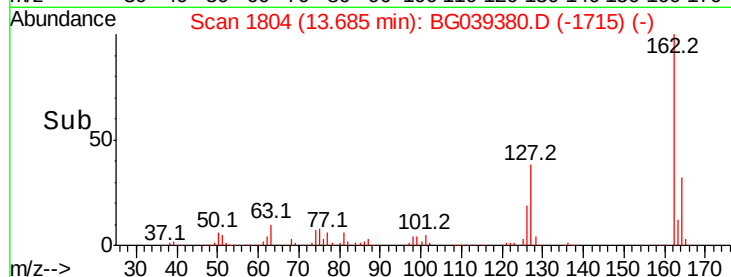
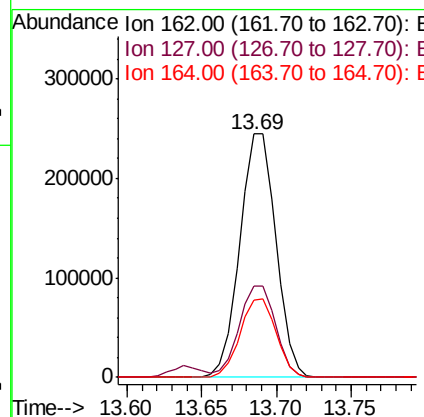
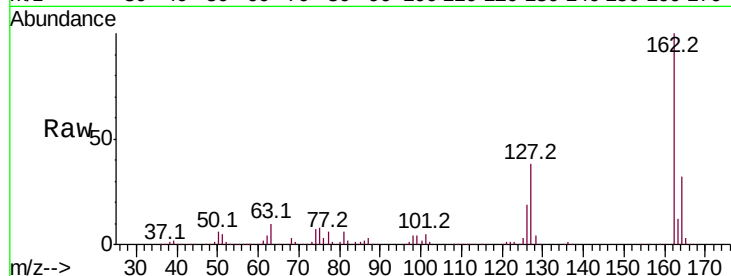
#47
2-Chloronaphthalene
Concen: 46.488 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	410150		
127	37.6	31.0	46.6	
164	31.8	25.7	38.5	

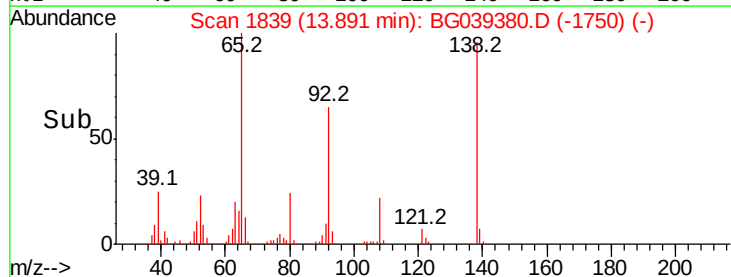
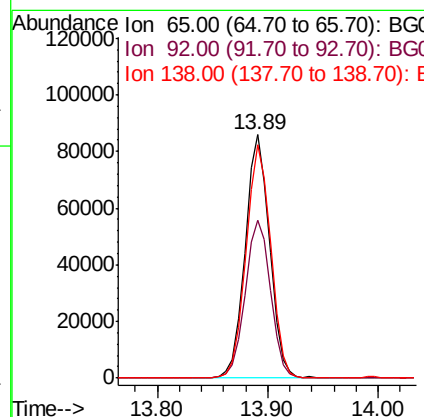
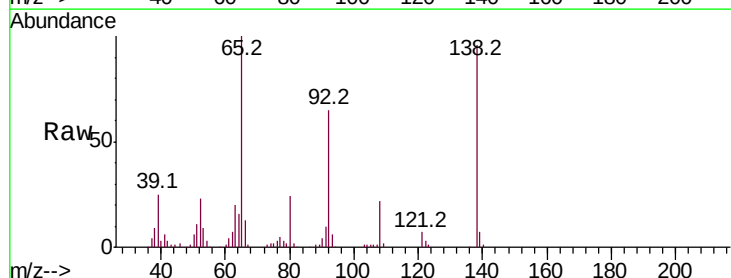
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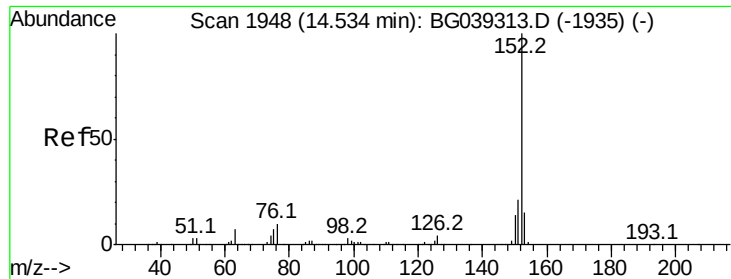
mohammad
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#48
2-Nitroaniline
Concen: 51.899 ng
RT: 13.89 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	133601		
92	64.8	51.4	77.2	
138	95.8	71.4	107.2	





#49

Acenaphthylene

Concen: 49.026 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

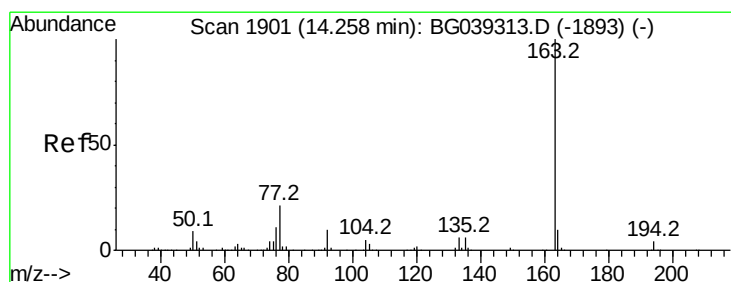
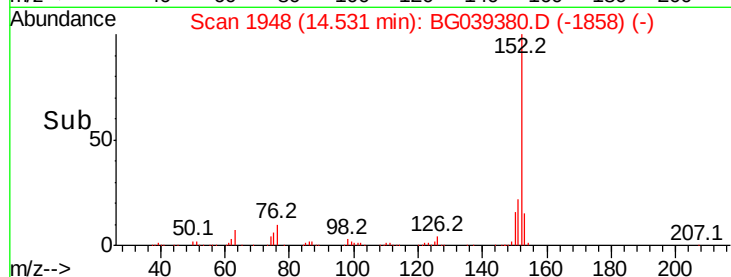
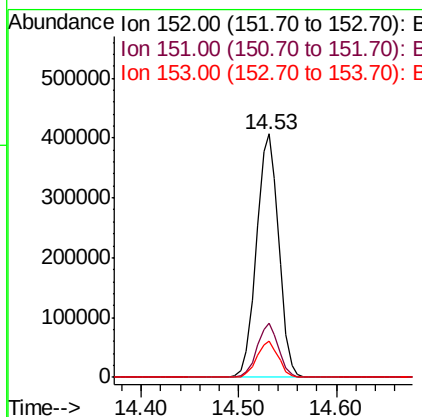
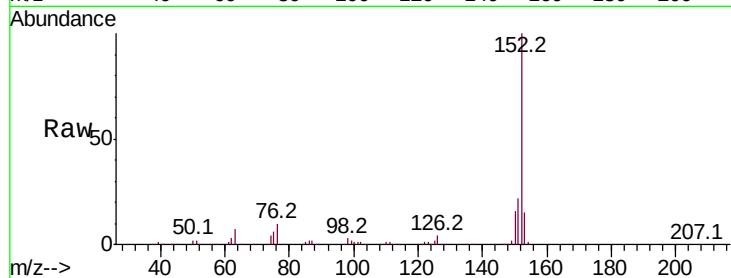
ClientSampleId :

AU-06-020519-AMSD

Tot Ion:	152	Resp:	652678
Ion Ratio	Lower	Upper	
152	100		
151	22.0	16.8	25.2
153	14.9	11.7	17.5

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#50

Dimethylphthalate

Concen: 47.539 ng

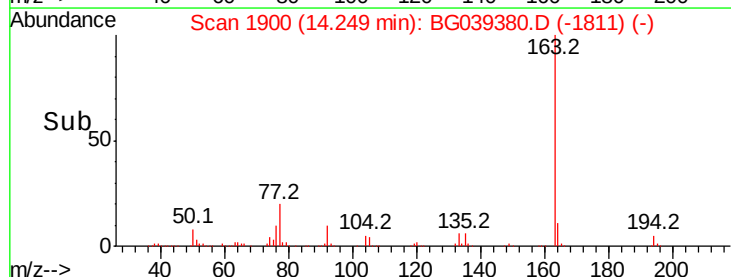
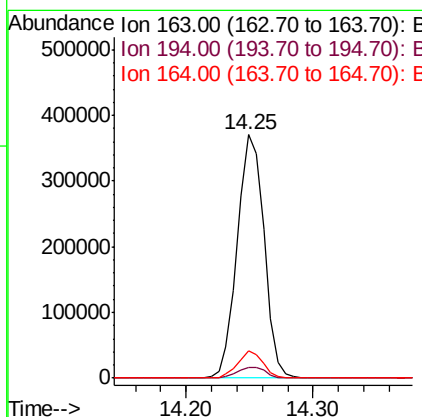
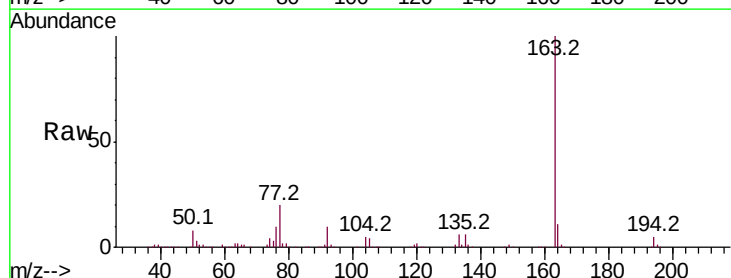
RT: 14.25 min Scan# 1900

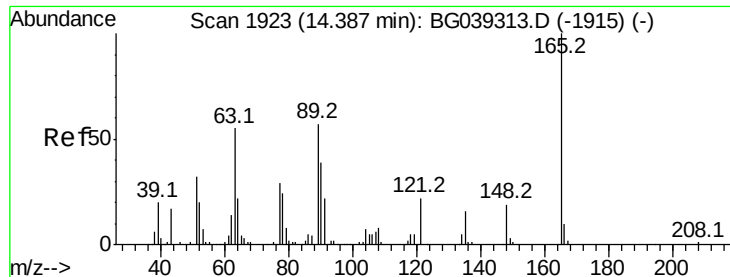
Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Tgt Ion:	163	Resp:	541199
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	11.1	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 54.210 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

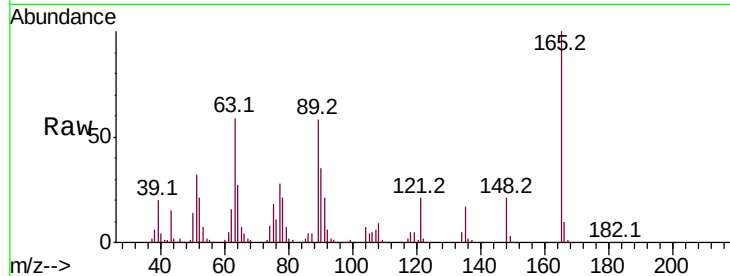
ClientSampleId :

AU-06-020519-AMSD

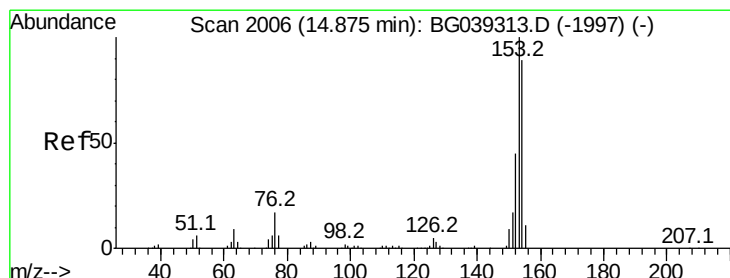
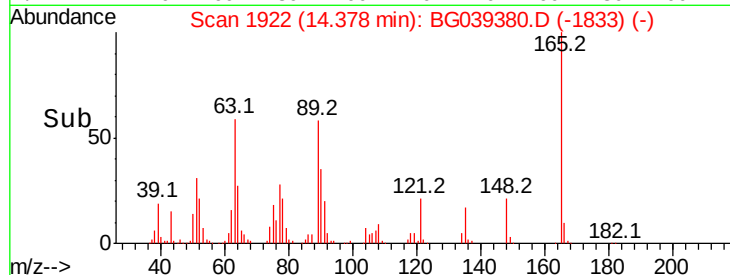
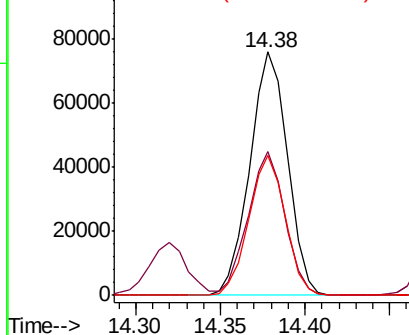
Tot Ion:	165	Resp:	117433
Ion Ratio	Lower	Upper	
165	100		
63	58.9	47.0	70.6
89	57.7	45.8	68.8

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 46.981 ng

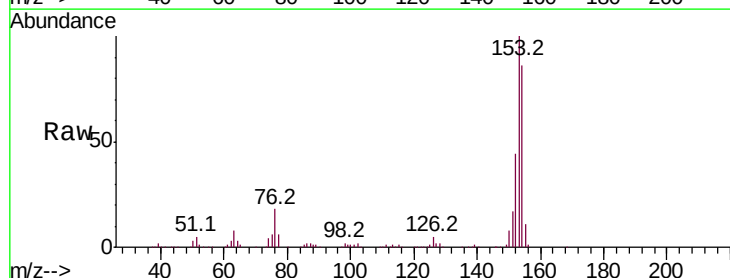
RT: 14.87 min Scan# 2005

Delta R.T. -0.01 min

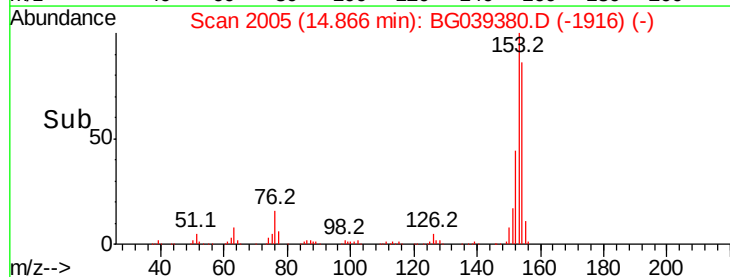
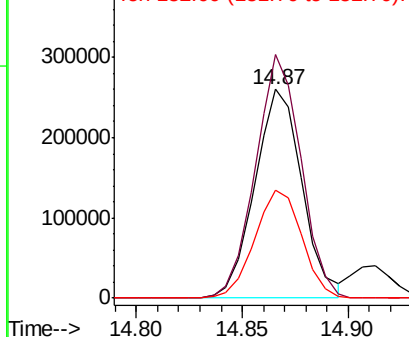
Lab File: BG039380.D

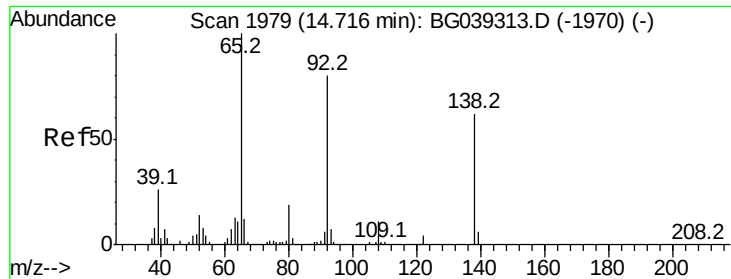
Acq: 6 Feb 2019 21:12

Tgt Ion:	154	Resp:	405996
Ion Ratio	Lower	Upper	
154	100		
153	116.8	90.1	135.1
152	51.6	40.9	61.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





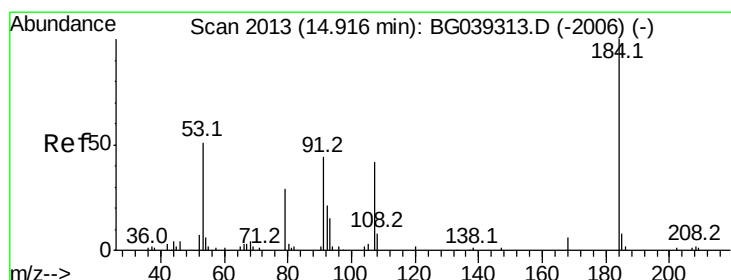
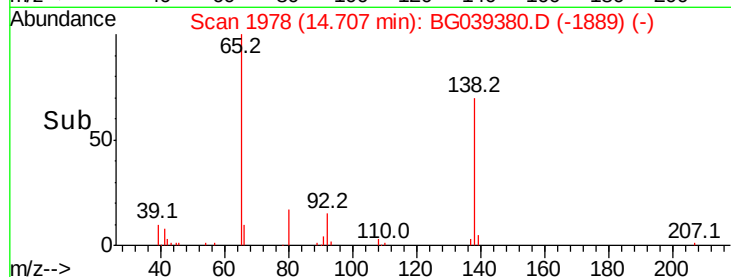
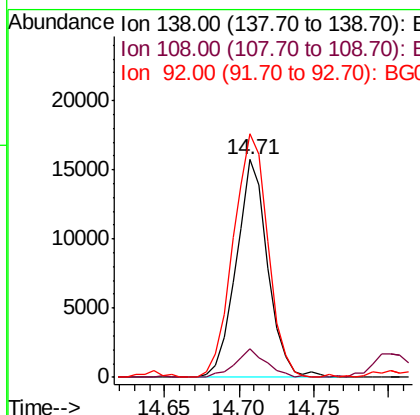
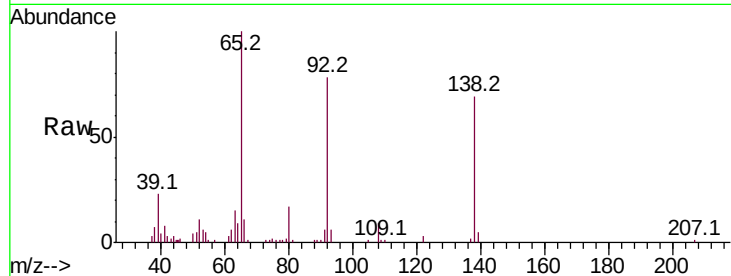
#53
3-Nitroaniline
Concen: 14.617 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion:138 Resp: 23039
Ion Ratio Lower Upper
138 100
108 12.9 13.8 20.8#
92 111.8 103.7 155.5

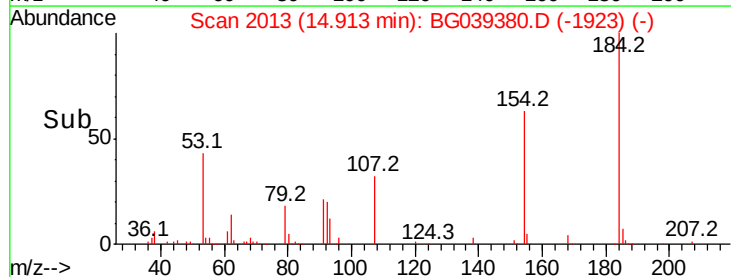
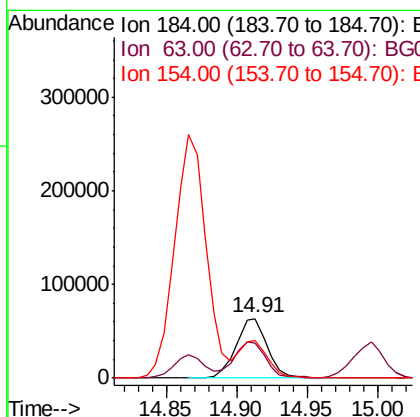
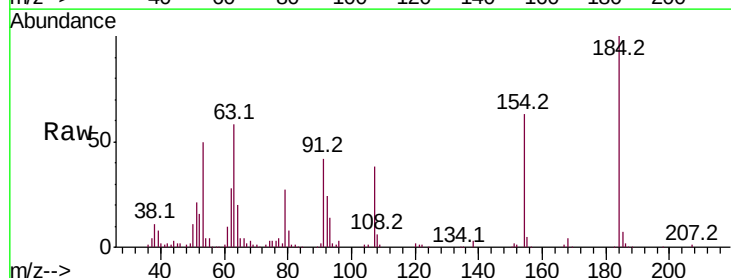
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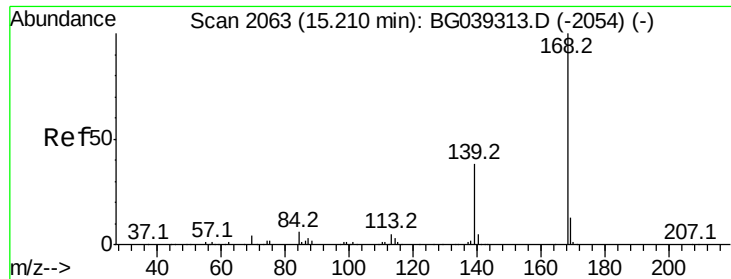
mohammad
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#54
2,4-Dinitrophenol
Concen: 96.592 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion:184 Resp: 100137
Ion Ratio Lower Upper
184 100
63 58.0 50.9 76.3
154 63.0 53.0 79.6





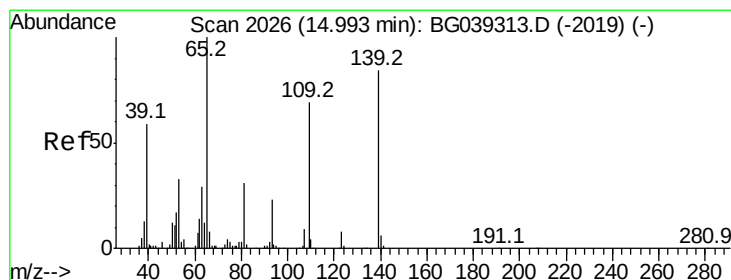
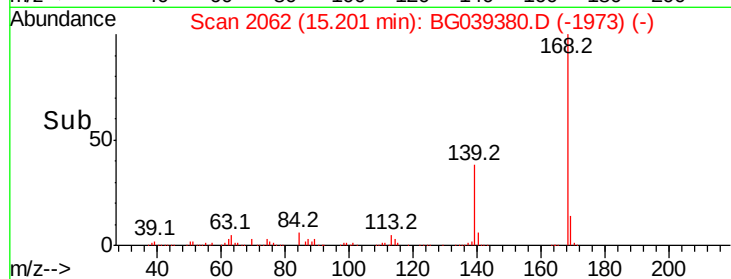
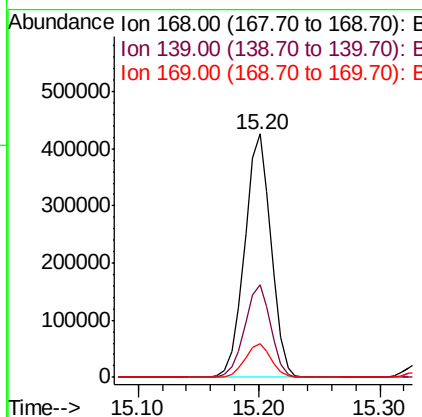
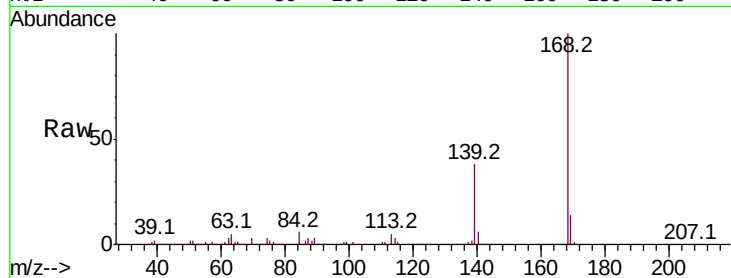
#55
Dibenzofuran
Concen: 46.692 ng
RT: 15.20 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	13.7	10.6	16.0

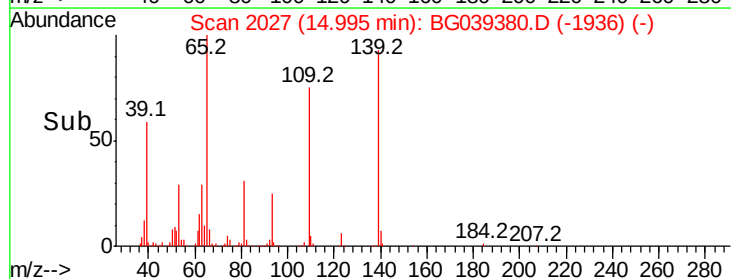
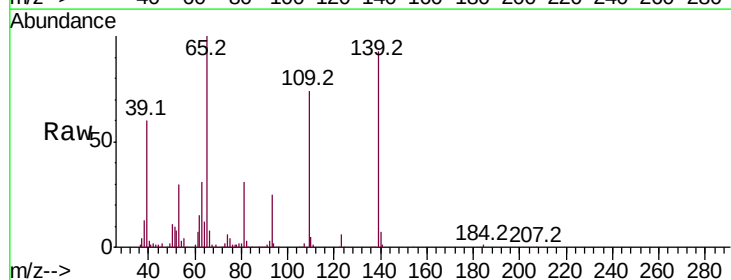
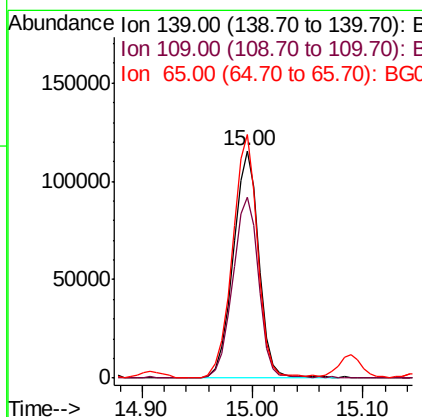
Manual Integrations
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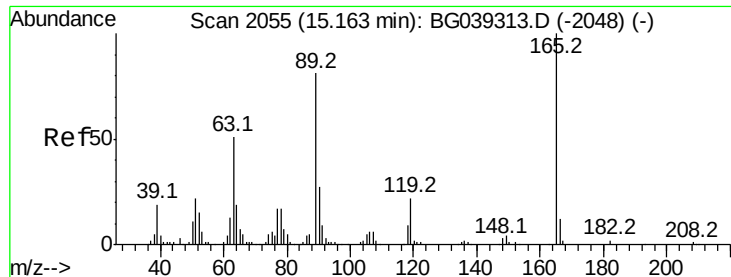
mohammad
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#56
4-Nitrophenol
Concen: 90.372 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.9	61.9	101.9
65	107.3	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 58.849 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

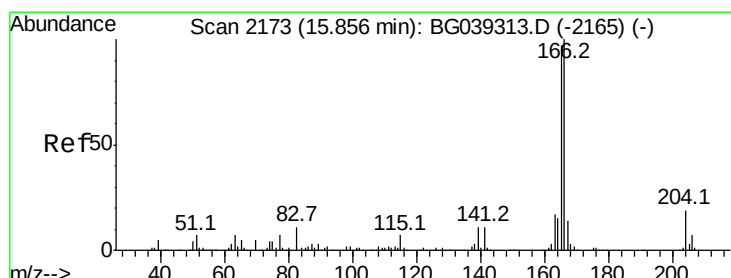
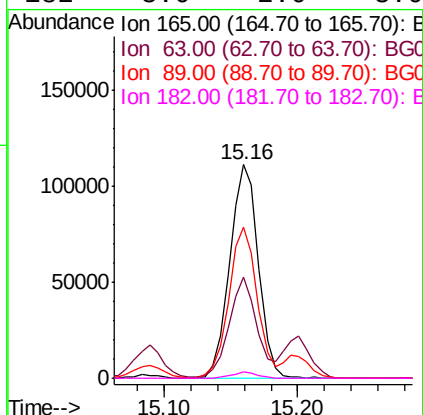
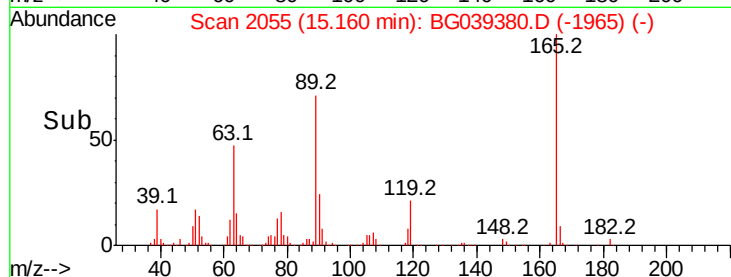
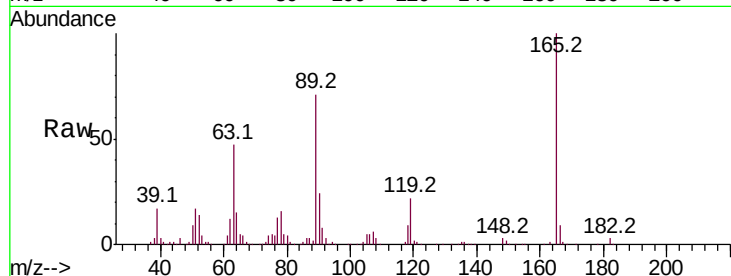
ClientSampleId :

AU-06-020519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	166147		
63	47.1		41.0	61.6
89	70.8		64.6	96.8
182	3.0		2.0	3.0#

Manual Integrations
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#58

Fluorene

Concen: 50.614 ng

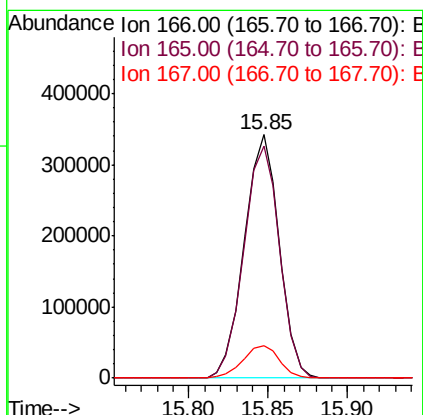
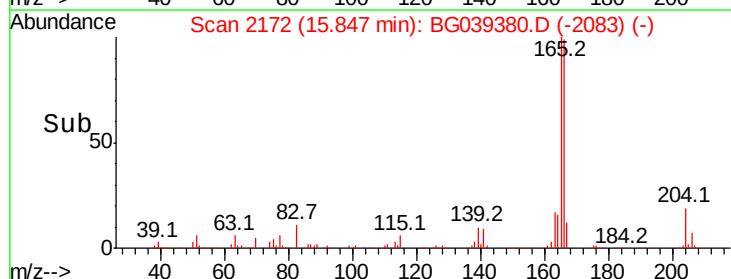
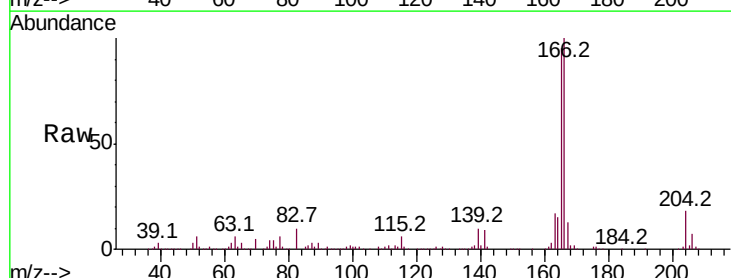
RT: 15.85 min Scan# 2172

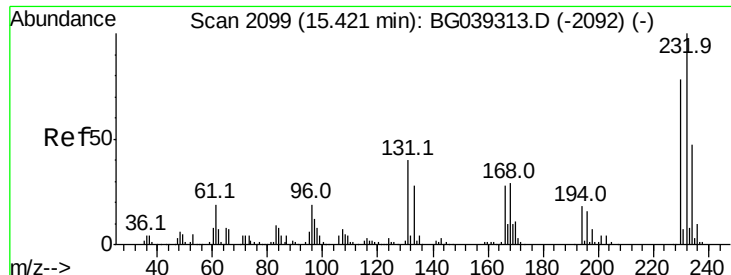
Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	522777		
165	95.3		77.9	116.9
167	13.5		10.8	16.2





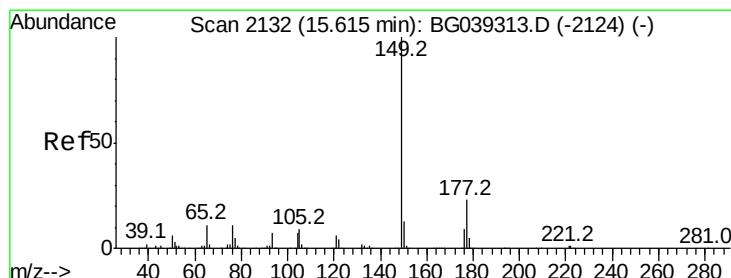
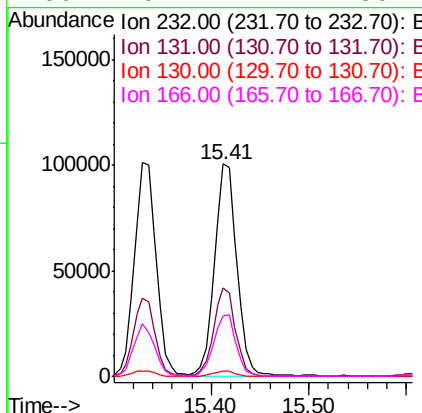
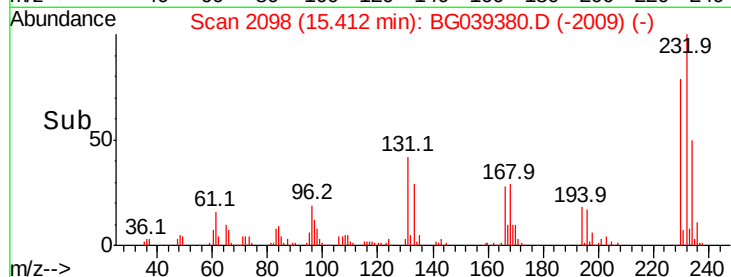
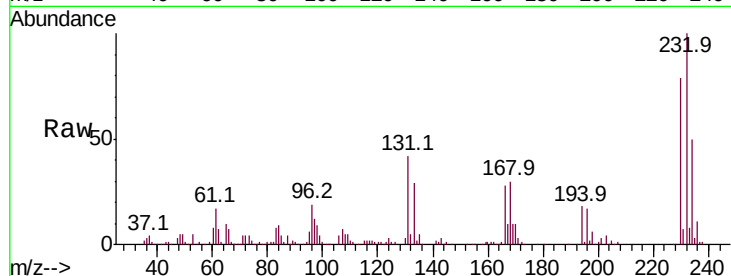
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.512 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039380.D
 Acq: 6 Feb 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-020519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	158337		
131	40.3		34.9	52.3
130	2.4		2.0	3.0
166	29.1		24.1	36.1

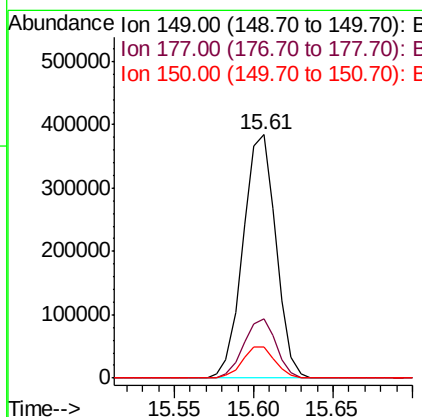
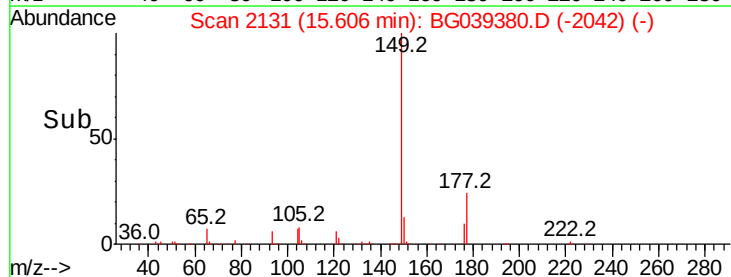
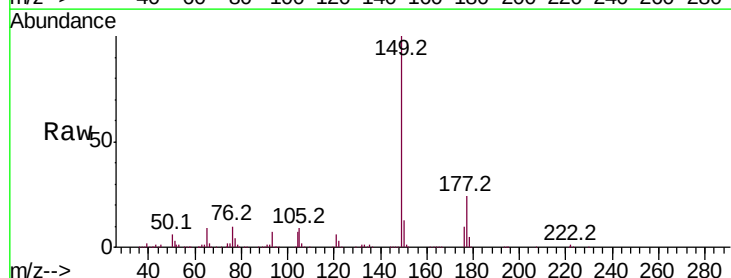
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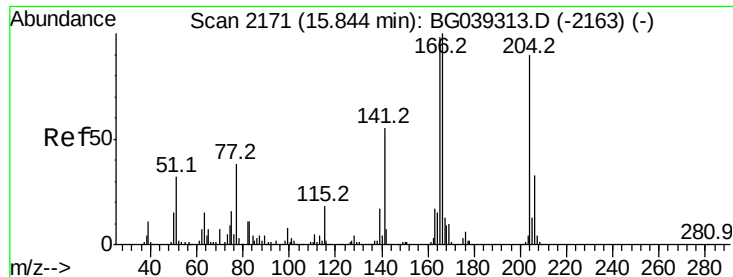
mohammad
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#60
 Diethylphthalate
 Concen: 46.920 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG039380.D
 Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	552274		
177	24.4		18.3	27.5
150	12.9		10.2	15.2





#61

4-Chlorophenyl-phenylether

Concen: 47.663 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

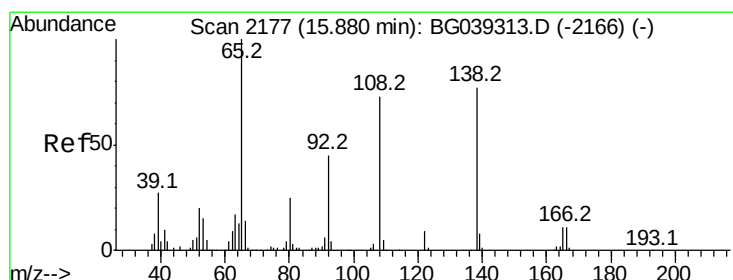
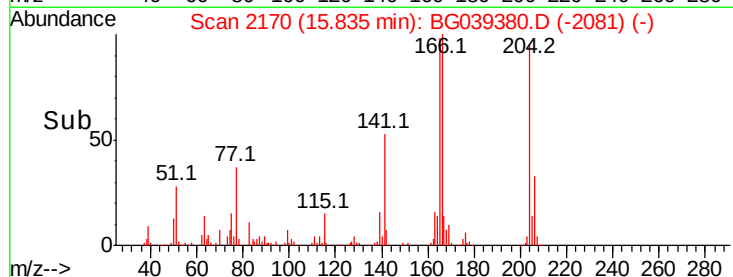
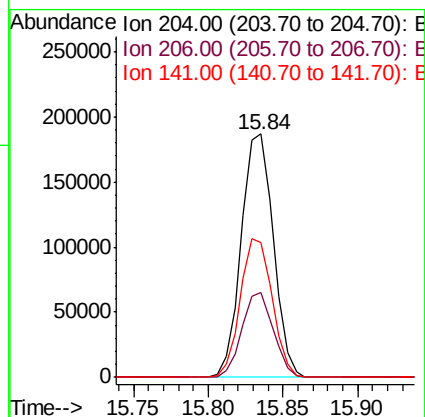
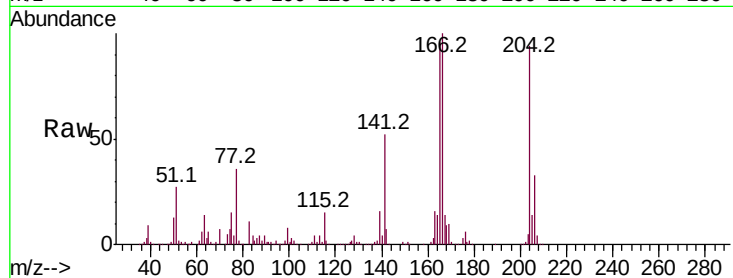
ClientSampleId :

AU-06-020519-AMSD

Tot Ion:	204	Resp:	278753
Ion Ratio	Lower	Upper	
204	100		
206	35.0	29.2	43.8
141	55.5	49.0	73.4

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#62

4-Nitroaniline

Concen: 50.036 ng

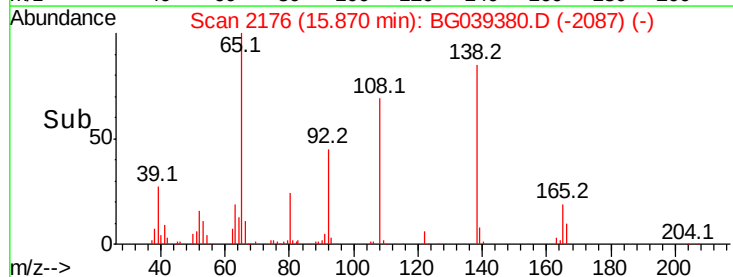
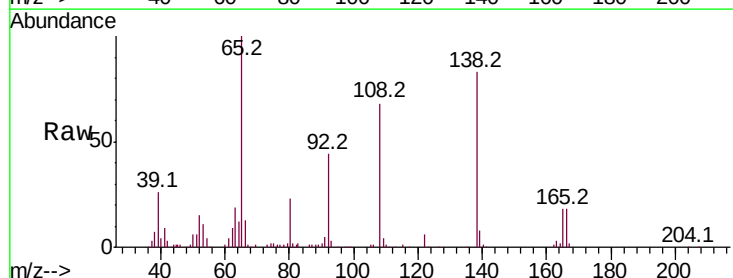
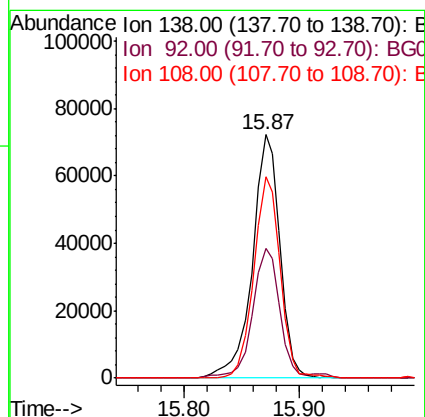
RT: 15.87 min Scan# 2176

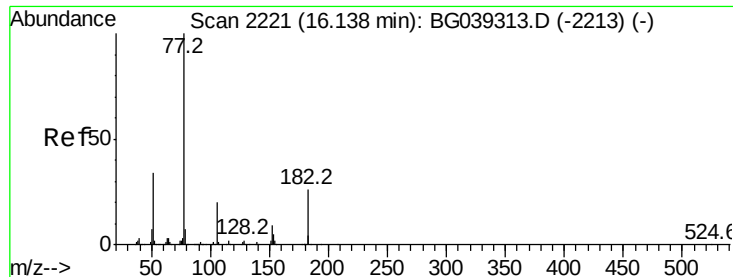
Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Tgt Ion:	138	Resp:	119915
Ion Ratio	Lower	Upper	
138	100		
92	53.1	38.7	78.7
108	82.9	74.6	114.6





#63

Azobenzene

Concen: 43.266 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

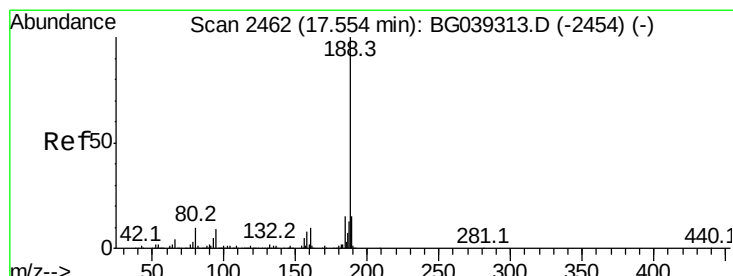
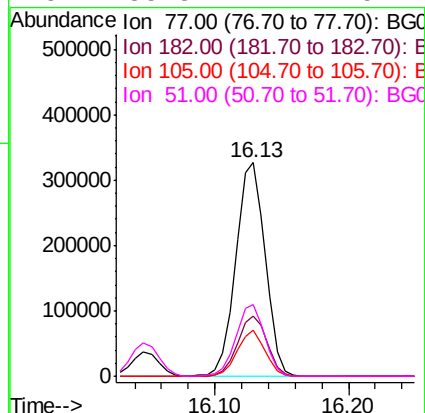
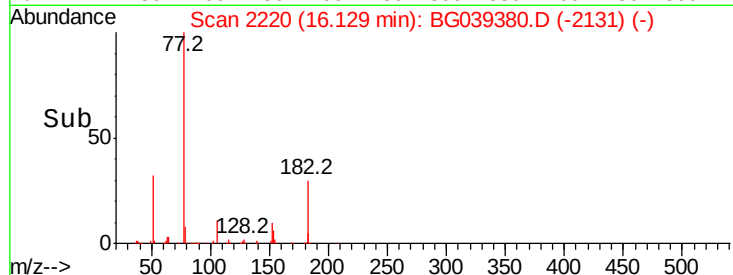
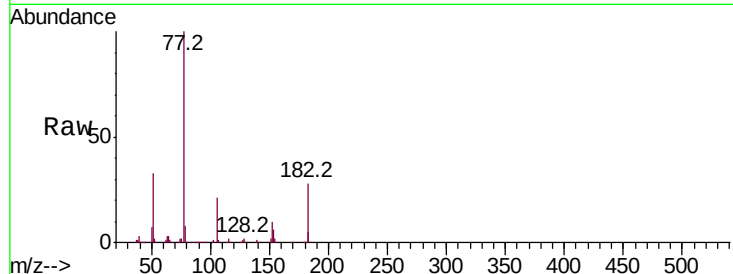
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		497758		
182	28.4	6.4	46.4		
105	21.5	0.0	39.8		
51	33.3	14.1	54.1		

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#64

Phenanthrene-d10

Concen: 20.000 ng

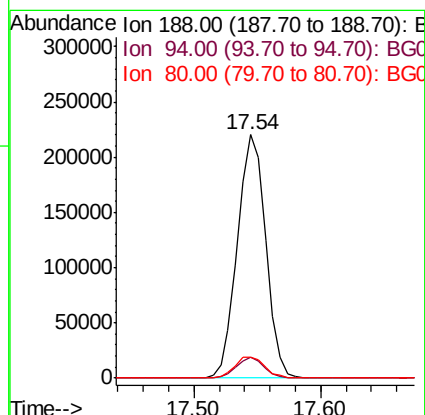
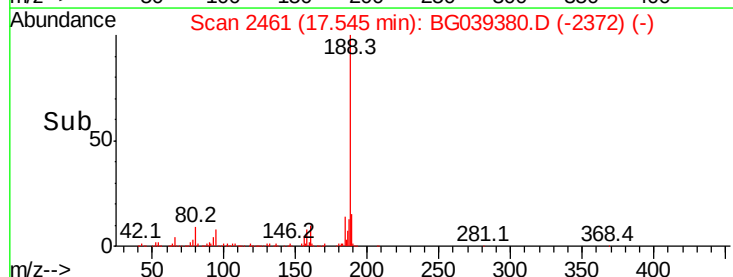
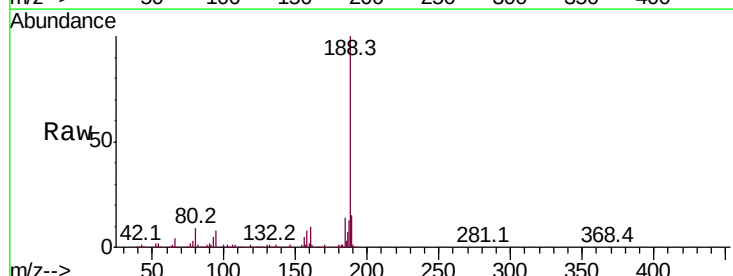
RT: 17.54 min Scan# 2461

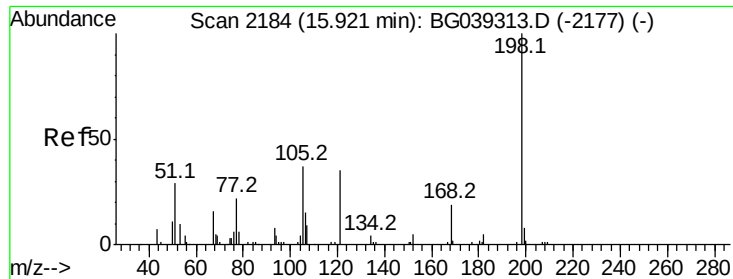
Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		340143		
94	8.5	6.9	10.3		
80	8.6	8.1	12.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 57.456 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

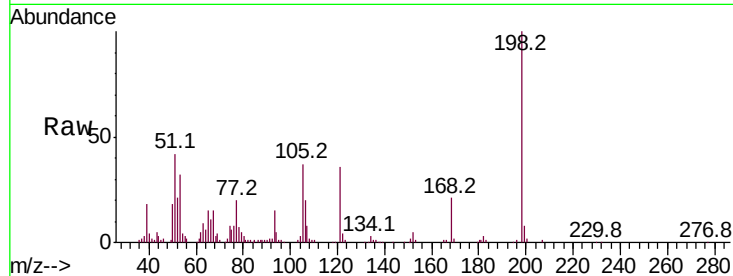
ClientSampleId :

AU-06-020519-AMSD

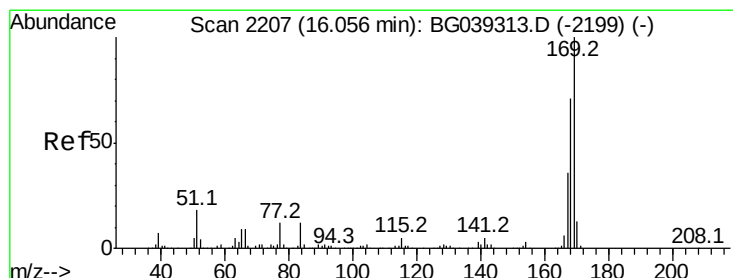
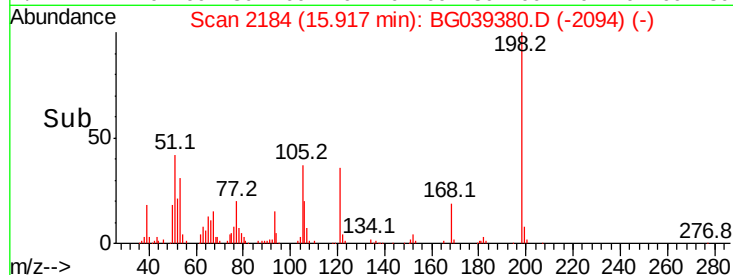
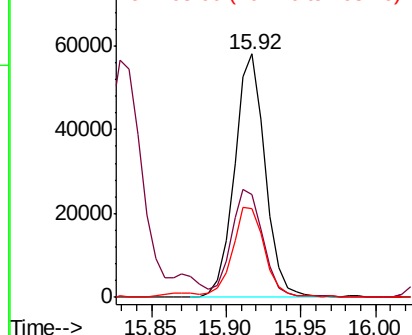
Tot Ion:	198	Resp:	83043
Ion Ratio	Lower	Upper	
198	100		
51	42.5	27.4	67.4
105	36.7	19.7	59.7

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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: 46.133 ng

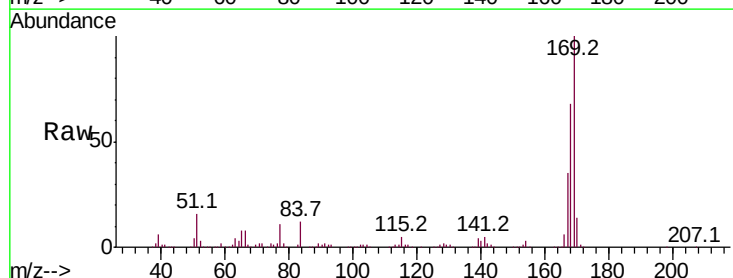
RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

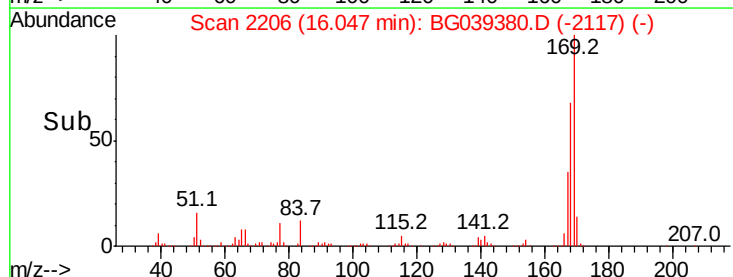
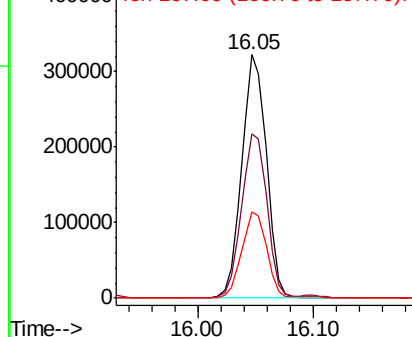
Lab File: BG039380.D

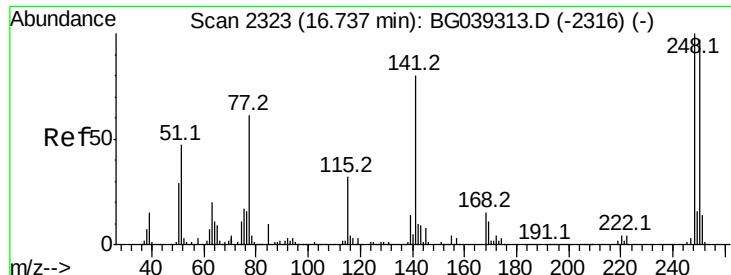
Acq: 6 Feb 2019 21:12

Tgt Ion:	169	Resp:	477139
Ion Ratio	Lower	Upper	
169	100		
168	67.5	56.6	85.0
167	35.2	28.8	43.2



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: 48.195 ng

RT: 16.73 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

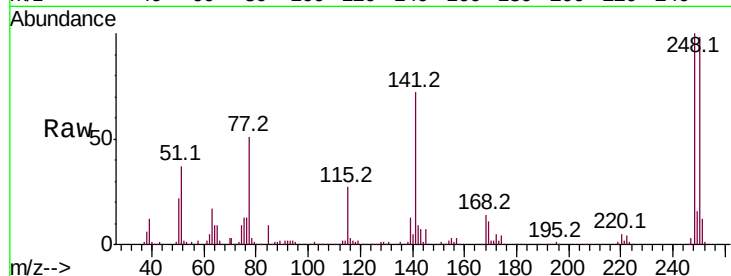
ClientSampleId :

AU-06-020519-AMSD

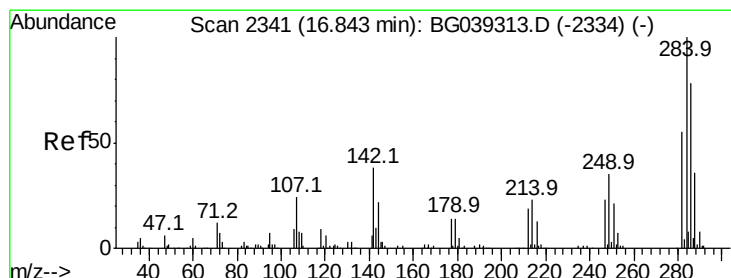
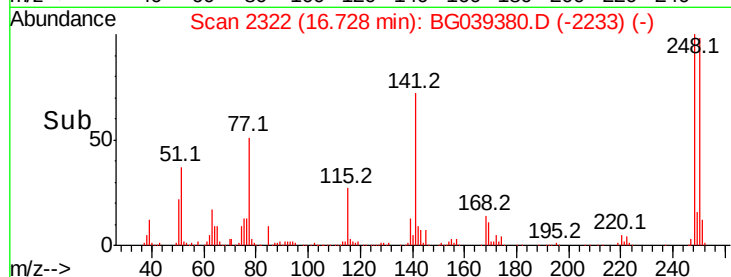
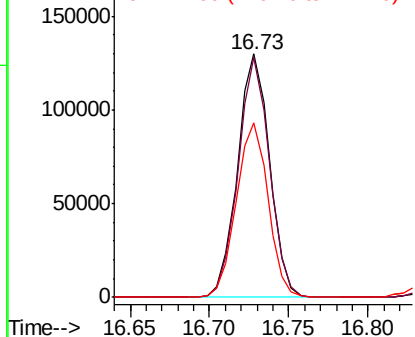
Tot Ion:	248	Resp:	181866
Ion Ratio	Lower	Upper	
248	100		
250	98.3	77.6	116.4
141	71.5	63.9	95.9

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 48.375 ng

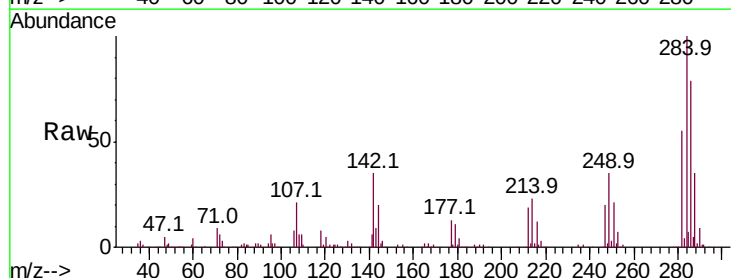
RT: 16.84 min Scan# 2341

Delta R.T. -0.00 min

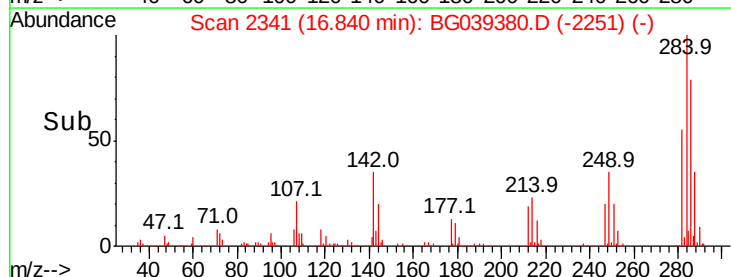
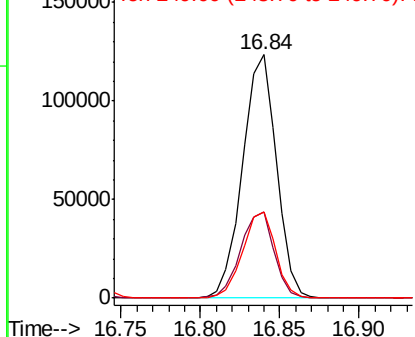
Lab File: BG039380.D

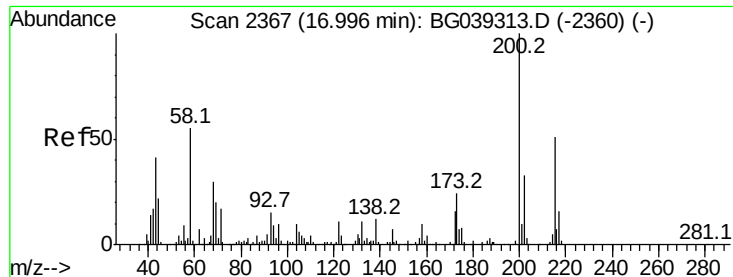
Acq: 6 Feb 2019 21:12

Tgt Ion:	284	Resp:	183146
Ion Ratio	Lower	Upper	
284	100		
142	35.2	30.6	45.8
249	35.4	28.2	42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 50.023 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

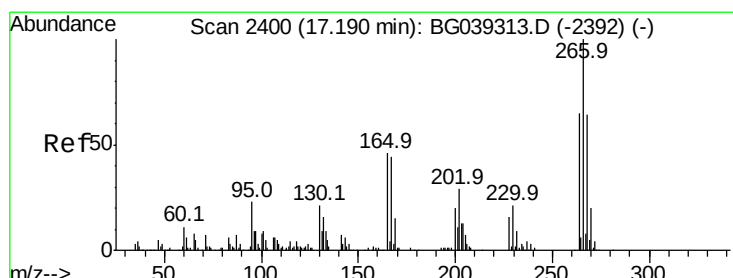
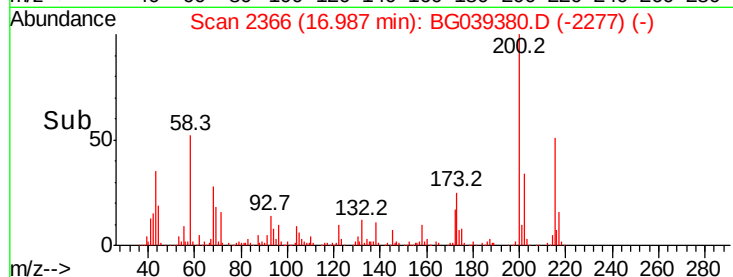
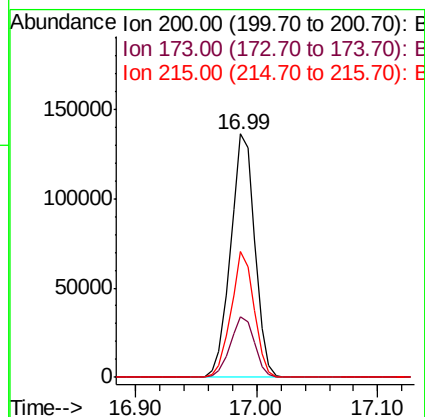
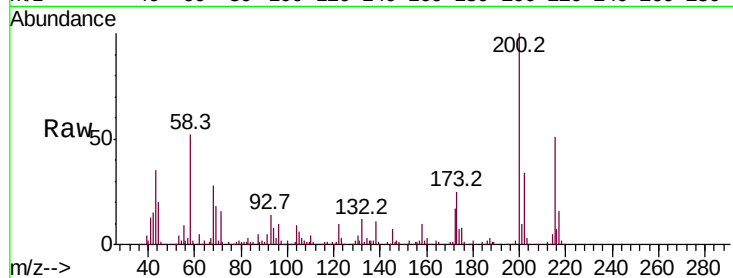
ClientSampleId :

AU-06-020519-AMSD

Tot Ion:	200	Resp:	189067
Ion Ratio	Lower	Upper	
200	100		
173	25.0	3.9	43.9
215	51.5	30.9	70.9

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#70

Pentachlorophenol

Concen: 91.648 ng

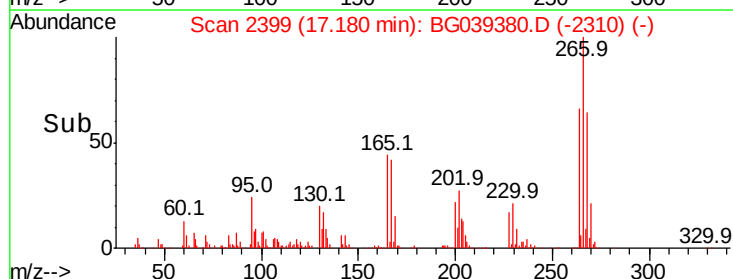
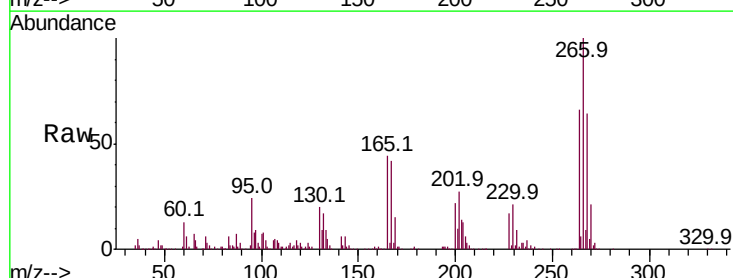
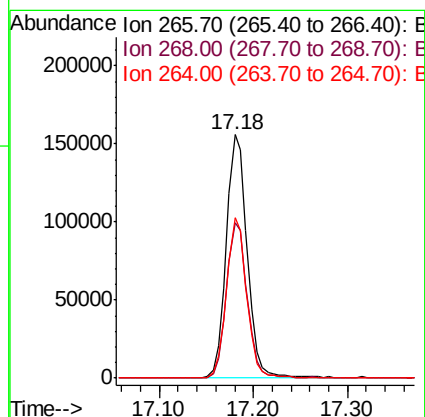
RT: 17.18 min Scan# 2399

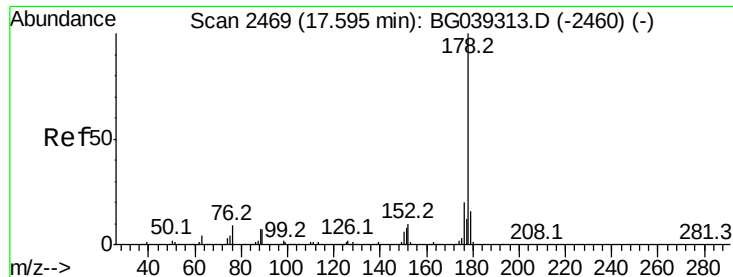
Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Tgt Ion:	266	Resp:	241155
Ion Ratio	Lower	Upper	
266	100		
268	64.0	51.1	76.7
264	65.9	52.1	78.1





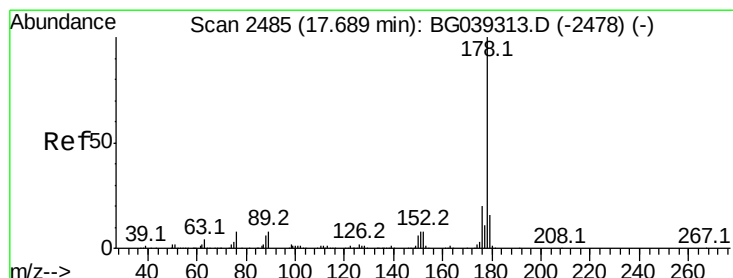
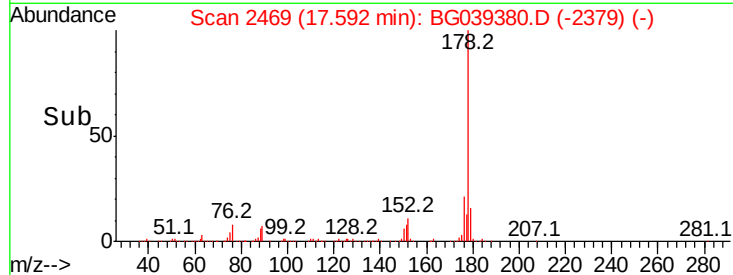
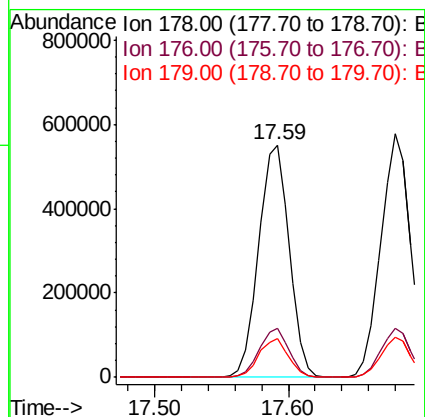
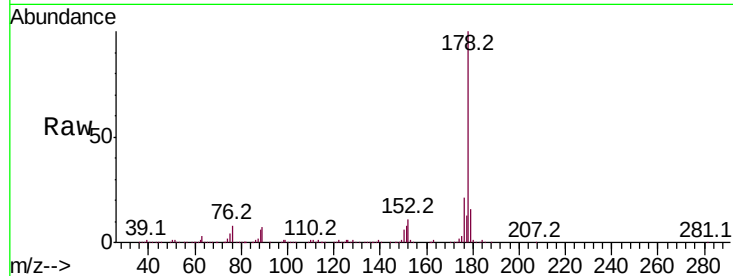
#71
Phenanthrene
Concen: 49.347 ng
RT: 17.59 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	16.5	12.6	19.0

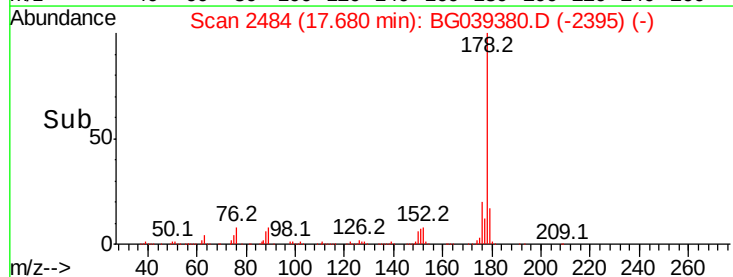
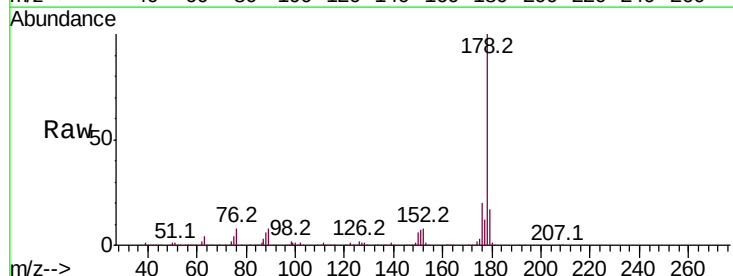
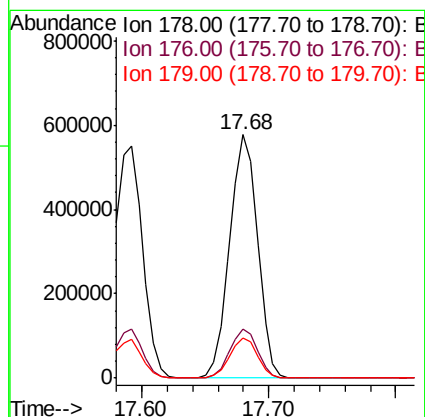
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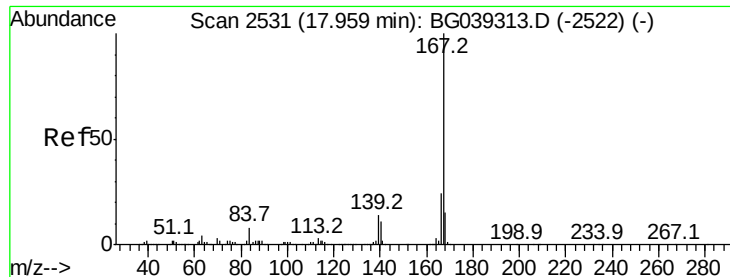
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#72
Anthracene
Concen: 50.597 ng
RT: 17.68 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.6
179	16.6	12.5	18.7





#73

Carbazole

Concen: 45.017 ng

RT: 17.95 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

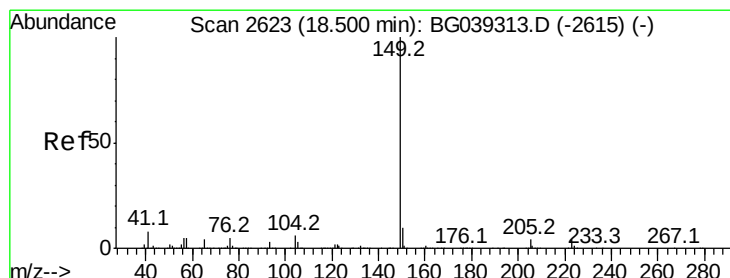
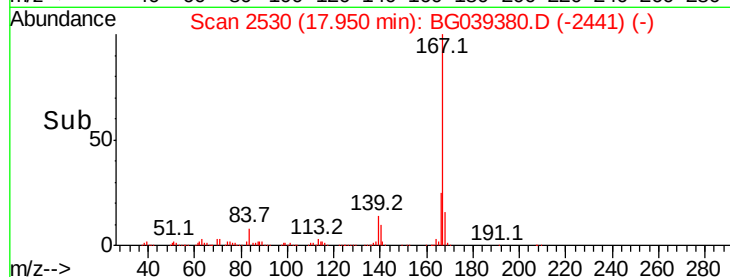
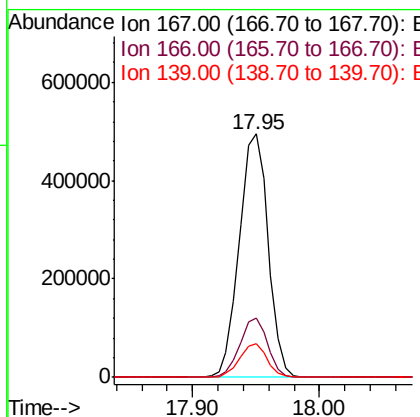
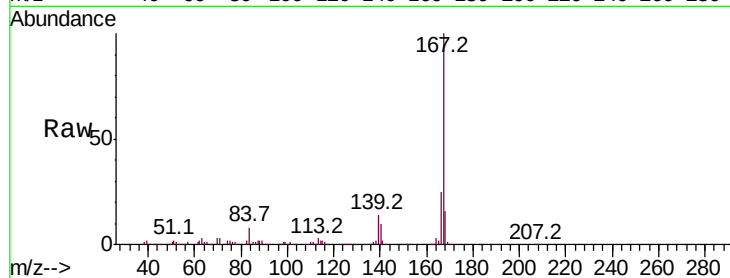
ClientSampleId :

AU-06-020519-AMSD

Tot Ion:	167	Resp:	779050
Ion Ratio	Lower	Upper	
167	100		
166	24.6	19.4	29.2
139	13.9	10.8	16.2

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#74

Di-n-butylphthalate

Concen: 47.193 ng

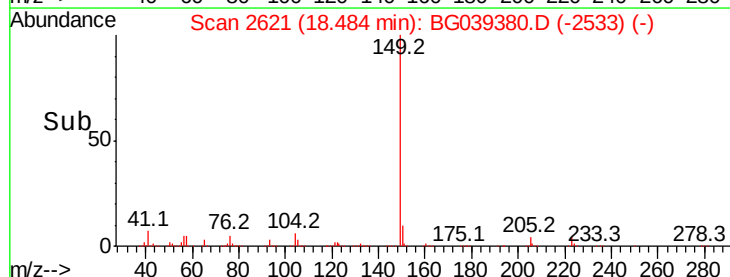
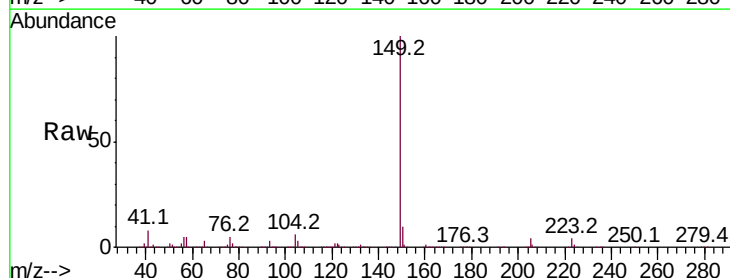
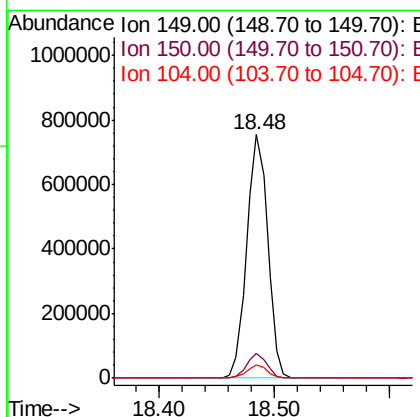
RT: 18.48 min Scan# 2621

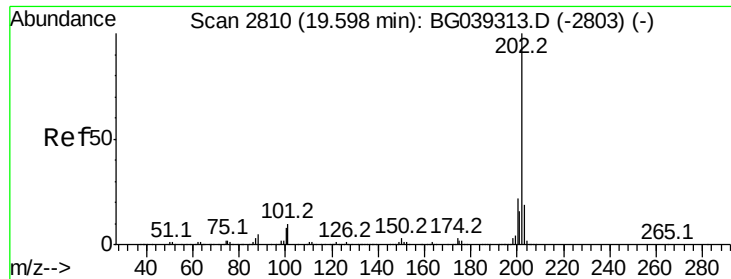
Delta R.T. -0.02 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Tgt Ion:	149	Resp:	952809
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.7	11.5
104	5.7	4.5	6.7





#75

Fluoranthene

Concen: 51.406 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

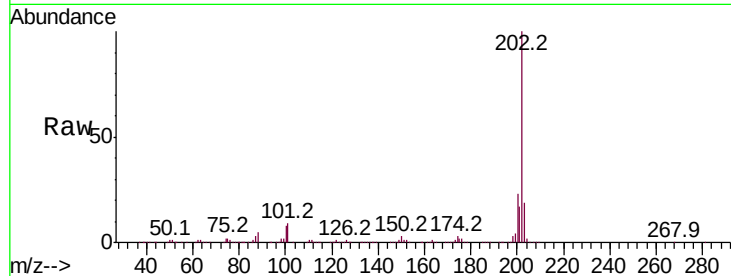
ClientSampleId :

AU-06-020519-AMSD

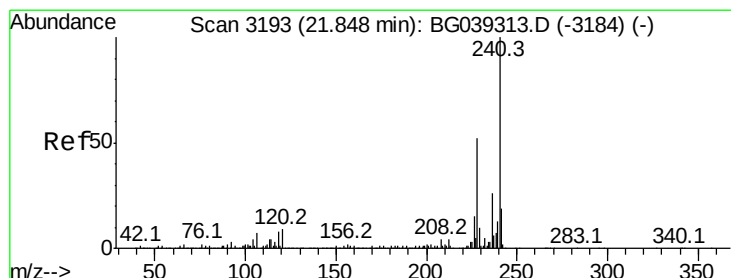
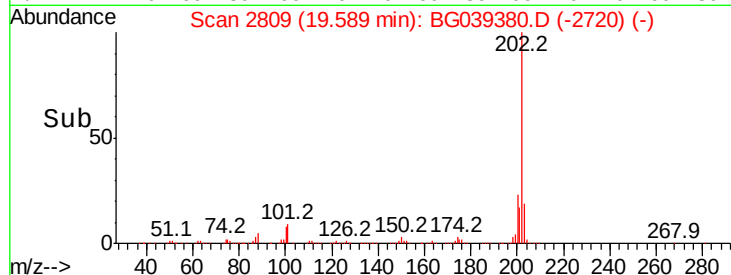
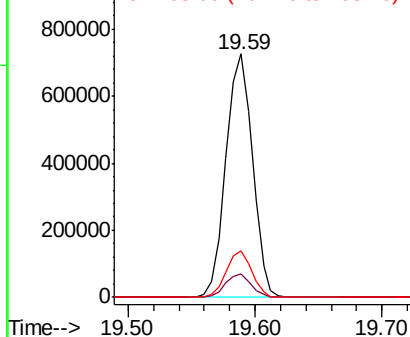
Tot Ion:	202	Resp:	1050420
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	30.0
203	19.0	0.0	38.9

Manual Integrations
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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: 21.84 min Scan# 3192

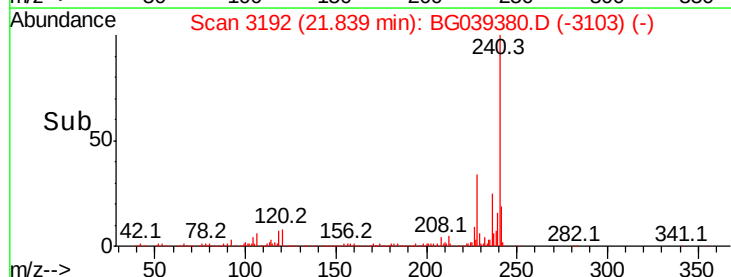
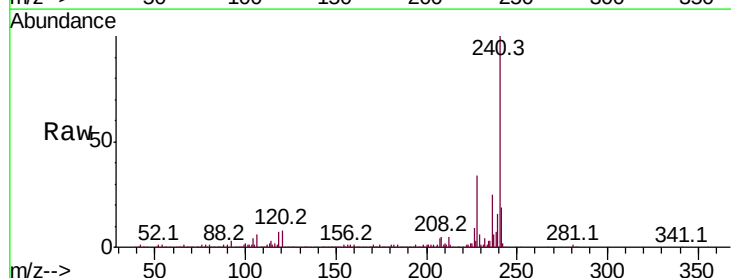
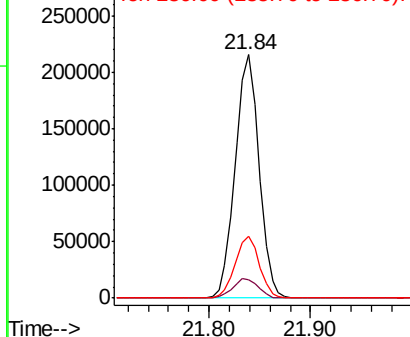
Delta R.T. -0.01 min

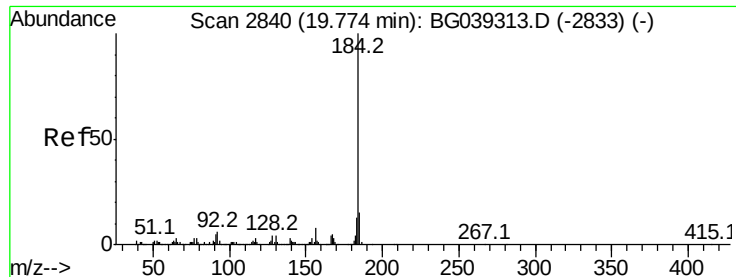
Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Tgt Ion:	240	Resp:	353763
Ion Ratio	Lower	Upper	
240	100		
120	7.7	7.0	10.6
236	25.4	21.0	31.4

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: 3.039 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

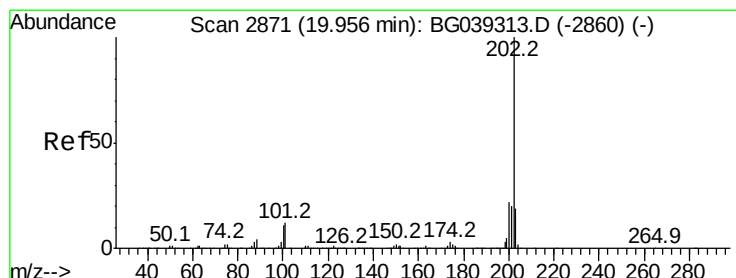
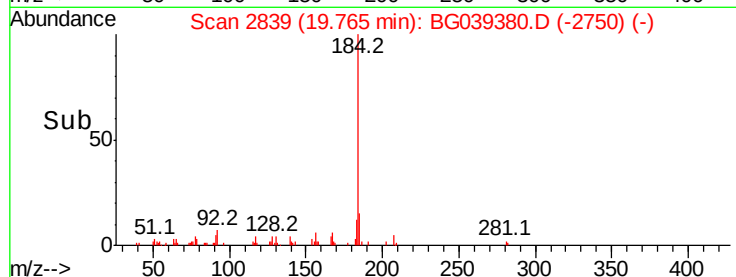
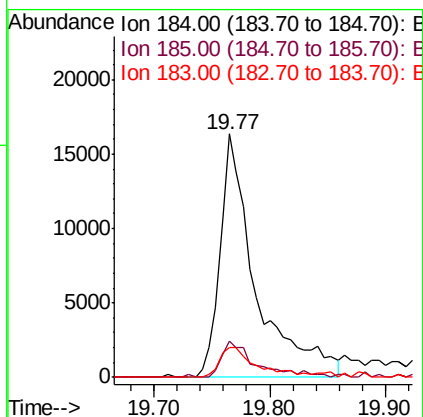
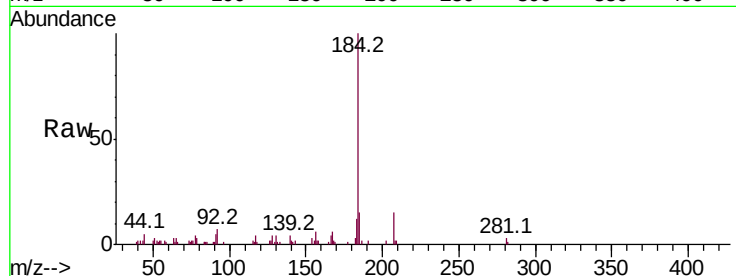
ClientSampleId :

AU-06-020519-AMSD

Tot Ion:	184	Resp:	35247
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.2	18.2
183	12.3	10.6	15.8

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#78

Pyrene

Concen: 48.340 ng

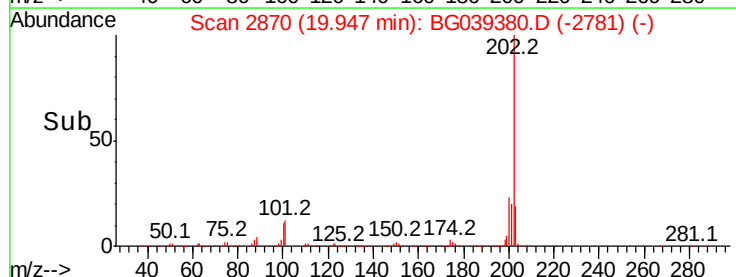
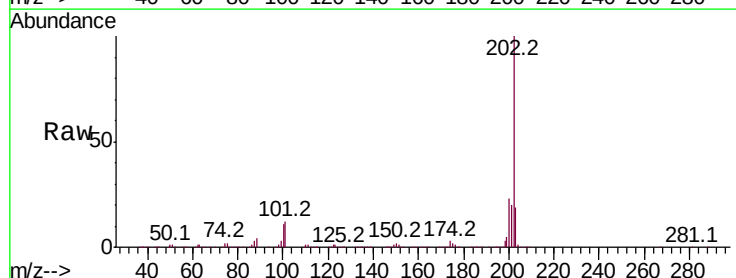
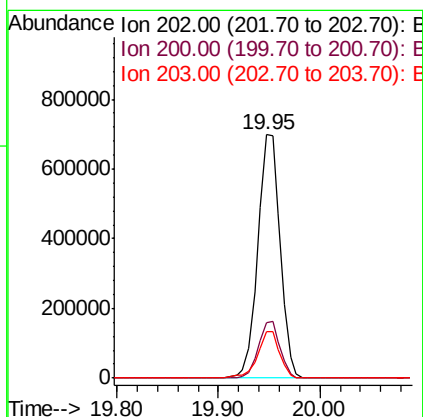
RT: 19.95 min Scan# 2870

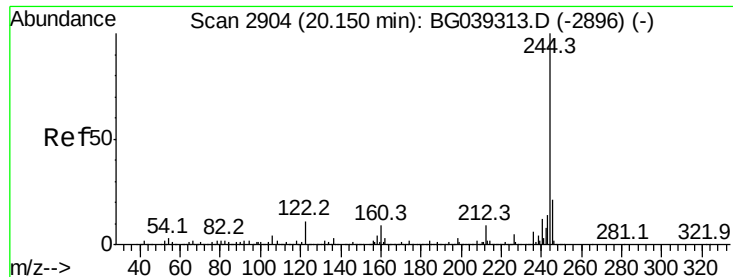
Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Tgt Ion:	202	Resp:	1064572
Ion Ratio	Lower	Upper	
202	100		
200	22.8	17.8	26.8
203	18.9	15.3	22.9





#79

Terphenyl-d14

Concen: 87.418 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

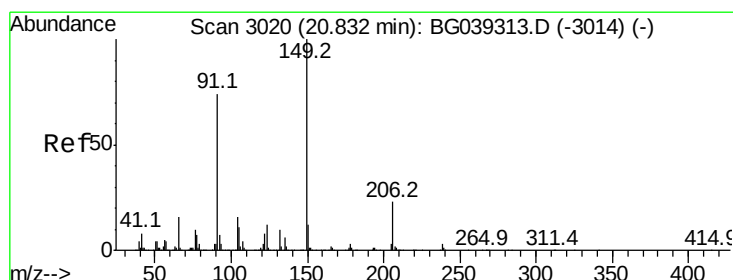
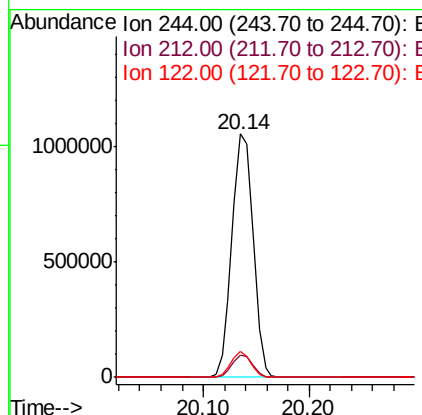
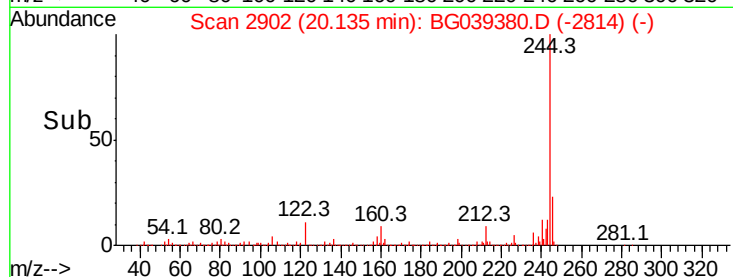
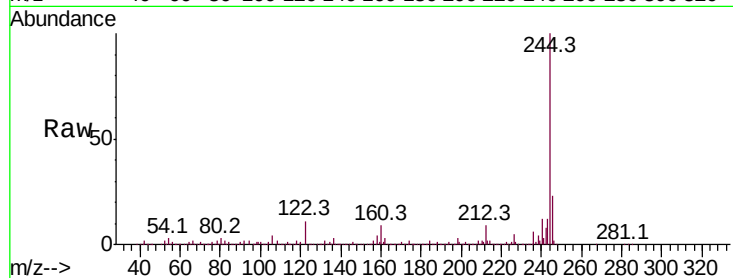
ClientSampleId :

AU-06-020519-AMSD

Tot Ion:	244	Resp:	1461023
Ion Ratio	Lower	Upper	
244	100		
212	9.3	7.3	10.9
122	10.5	8.4	12.6

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 47.624 ng

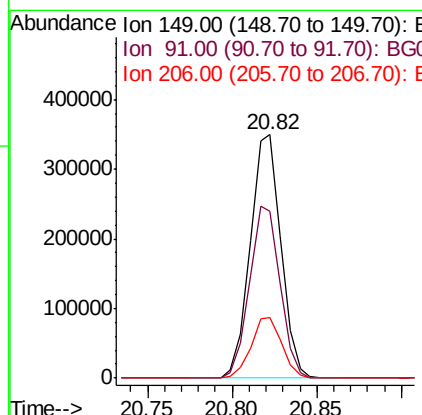
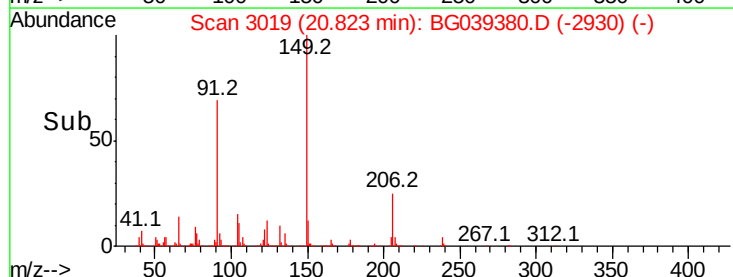
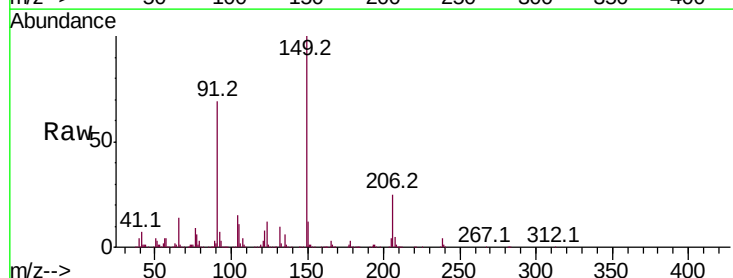
RT: 20.82 min Scan# 3019

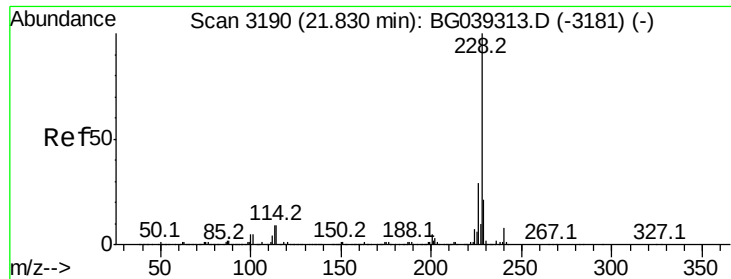
Delta R.T. -0.01 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Tgt Ion:	149	Resp:	442429
Ion Ratio	Lower	Upper	
149	100		
91	68.8	59.5	89.3
206	25.0	18.6	27.8





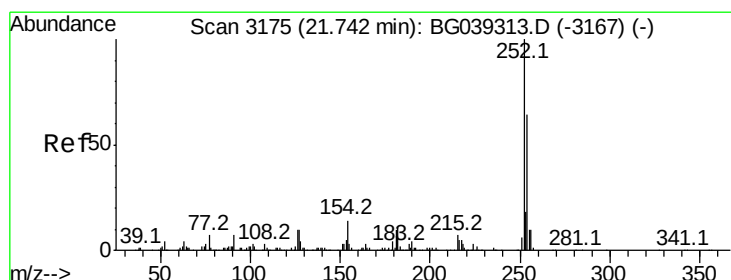
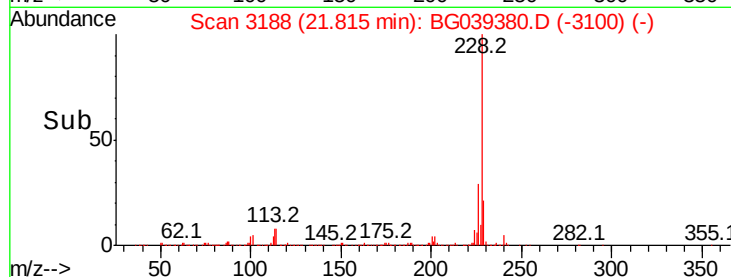
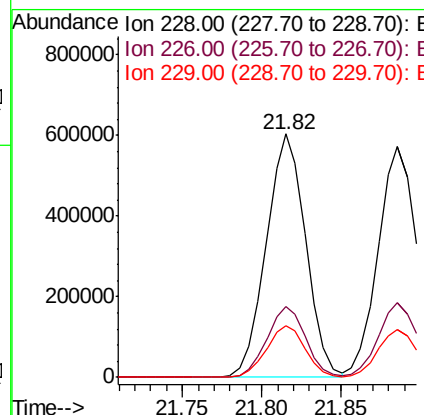
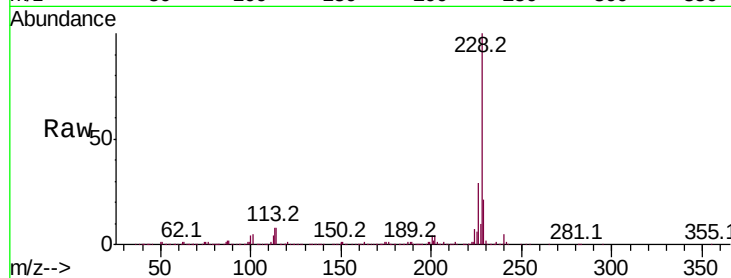
#81
Benzo(a)anthracene
Concen: 49.797 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.02 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	21.3	16.9	25.3

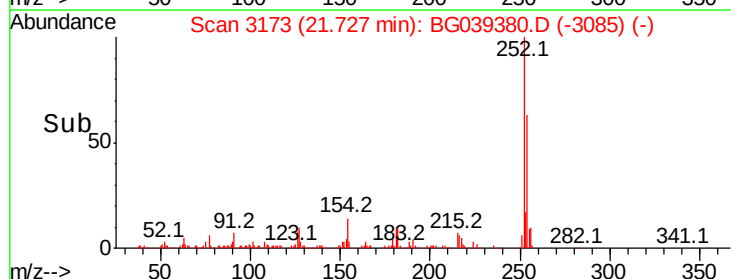
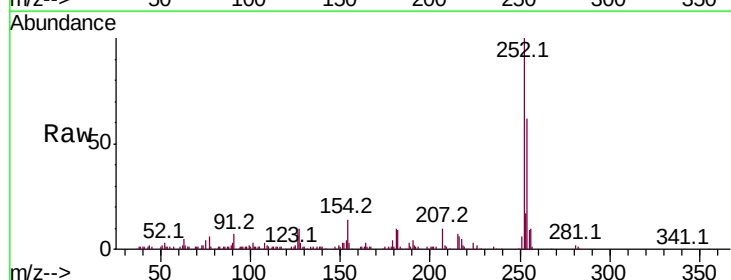
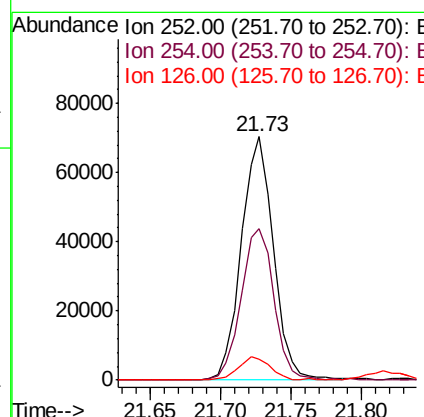
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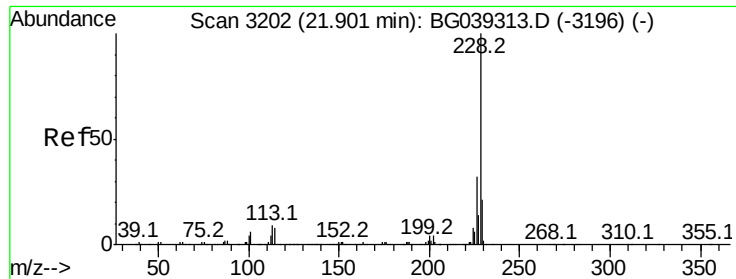
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 14.418 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.02 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.3	76.9
126	8.3	8.0	12.0





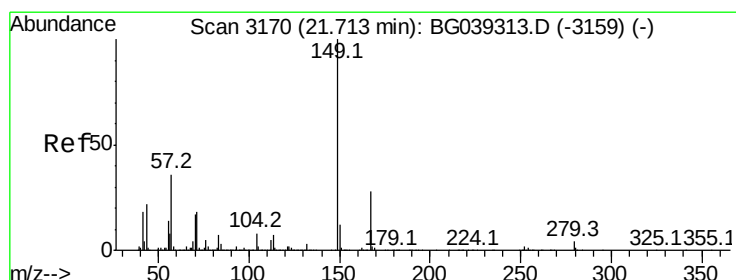
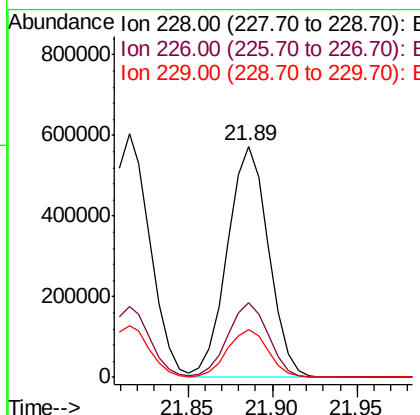
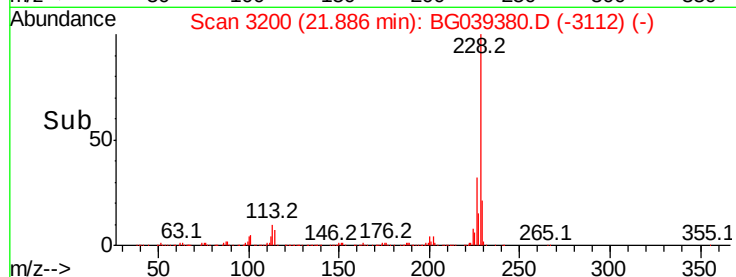
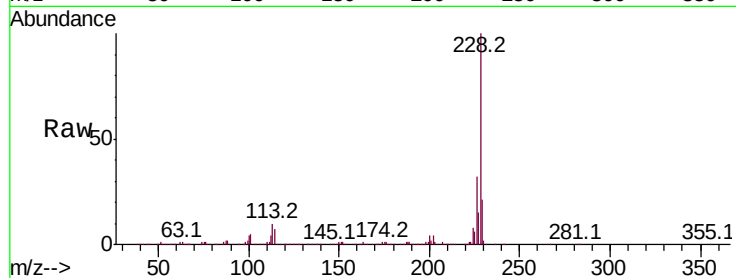
#83
 Chrysene
 Concen: 48.662 ng
 RT: 21.89 min Scan# 3200
 Delta R.T. -0.02 min
 Lab File: BG039380.D
 Acq: 6 Feb 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-020519-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.8	38.6
229	20.8	16.6	25.0

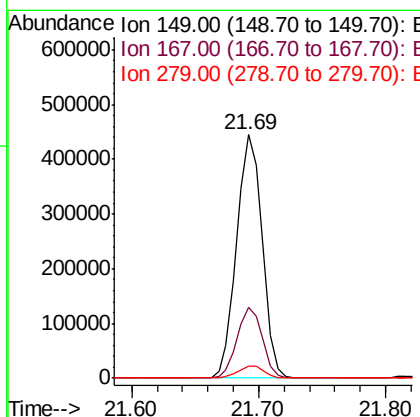
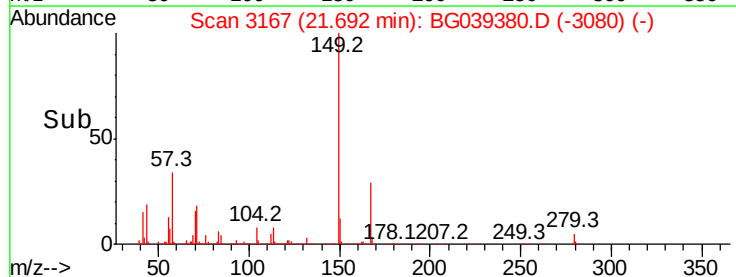
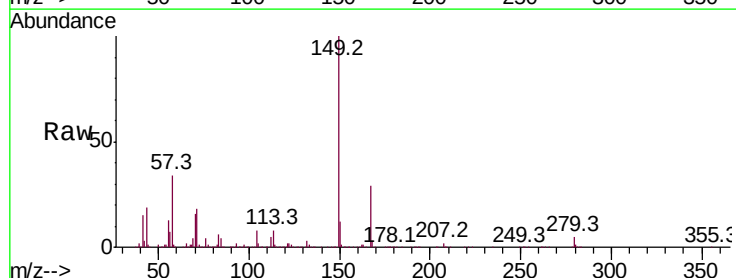
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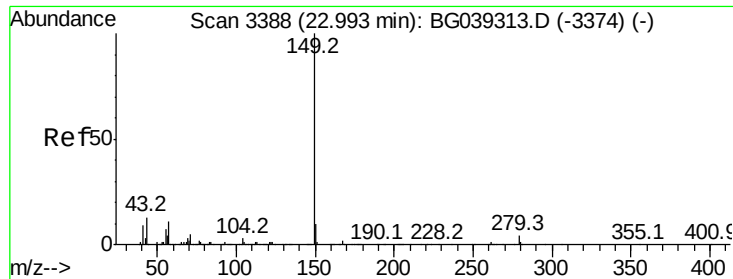
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.513 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG039380.D
 Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.6	34.0
279	5.1	3.5	5.3





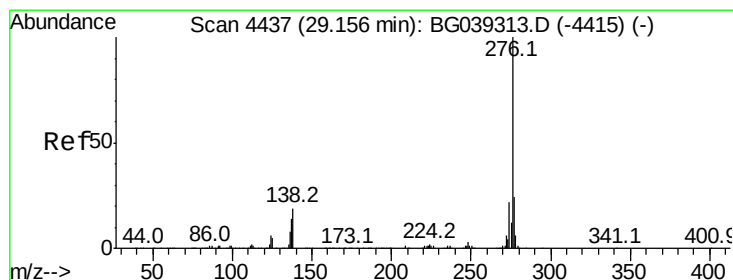
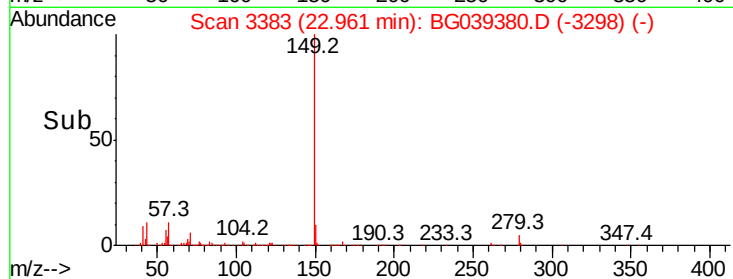
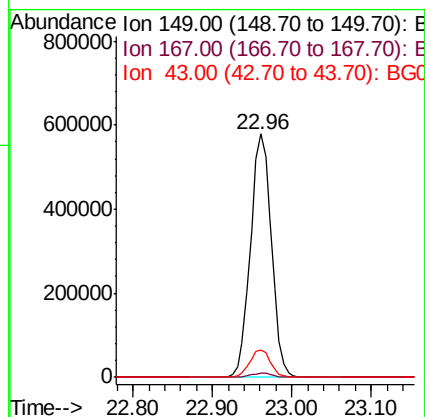
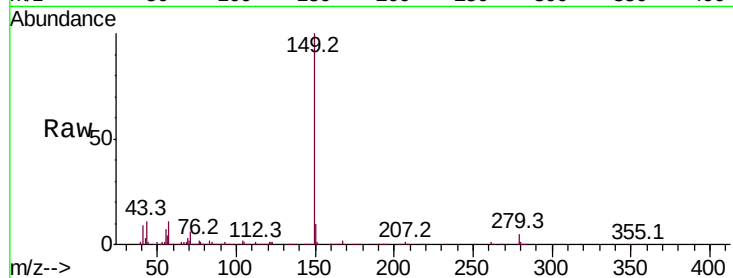
#85
Di-n-octyl phthalate
Concen: 48.524 ng
RT: 22.96 min Scan# 3383
Delta R.T. -0.03 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.2	10.2	15.4

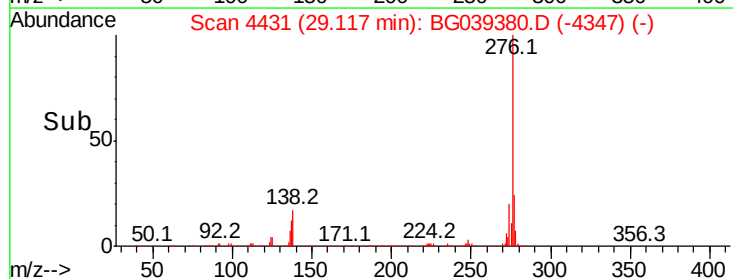
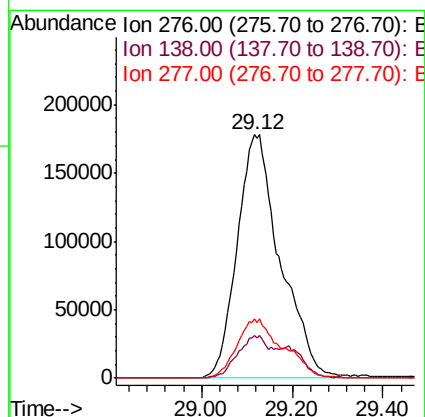
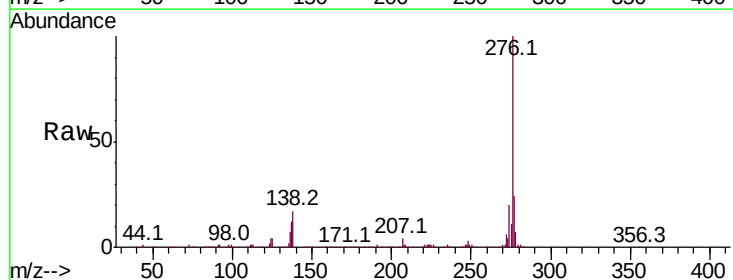
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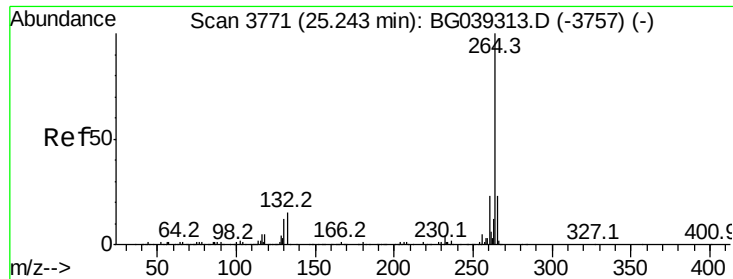
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 55.033 ng
RT: 29.12 min Scan# 4431
Delta R.T. -0.04 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.0	12.6	19.0
277	25.9	20.8	31.2





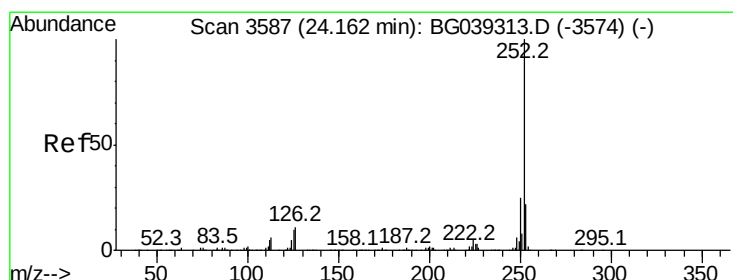
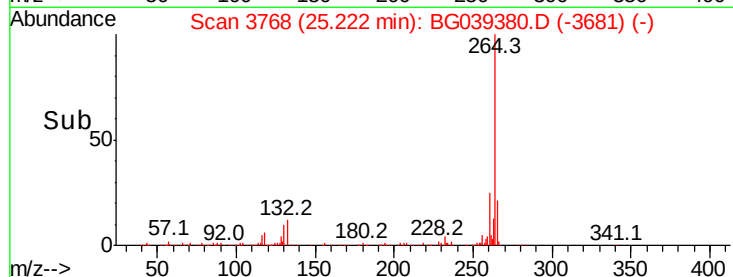
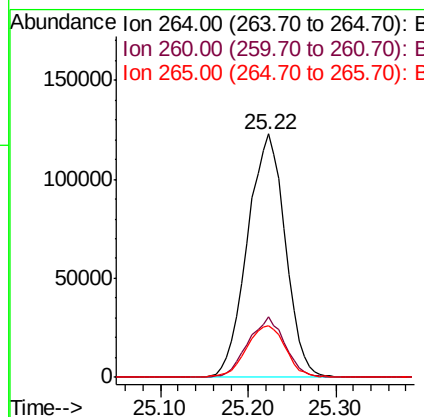
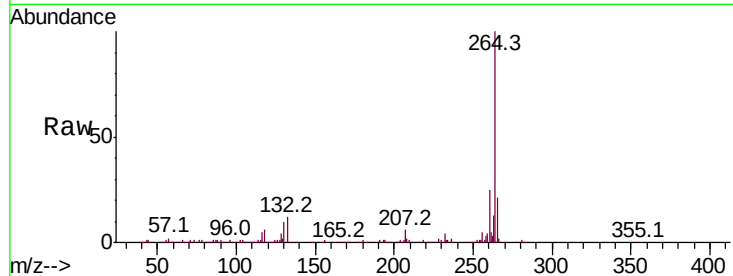
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3768
Delta R.T. -0.02 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.4
265	21.4	18.5	27.7

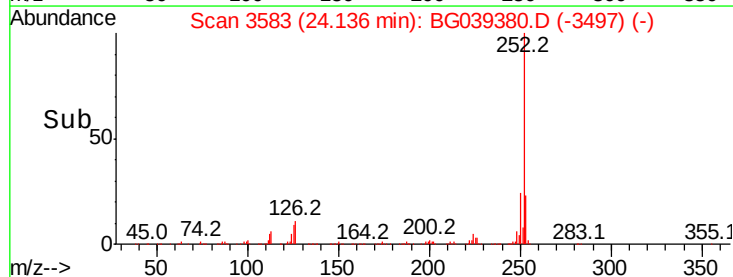
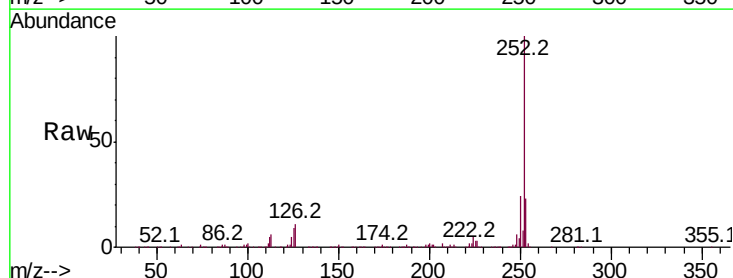
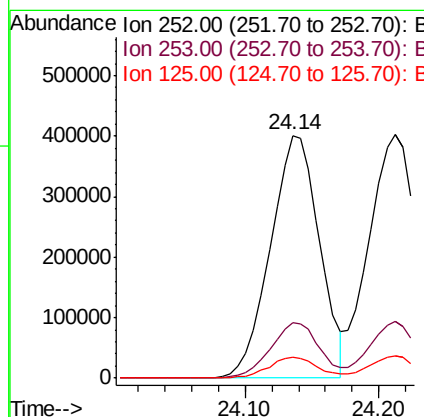
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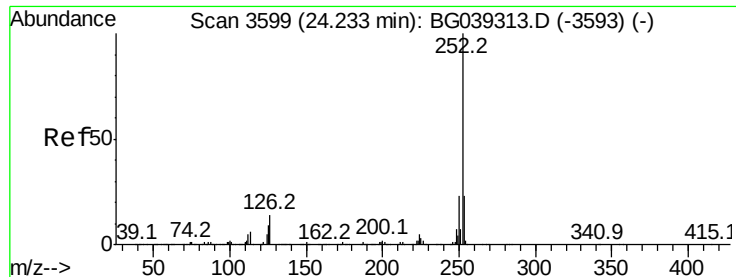
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#88
Benzo(b)fluoranthene
Concen: 51.676 ng
RT: 24.14 min Scan# 3583
Delta R.T. -0.03 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	8.8	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 50.935 ng

RT: 24.21 min Scan# 3596

Delta R.T. -0.02 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Instrument :

BNA_G

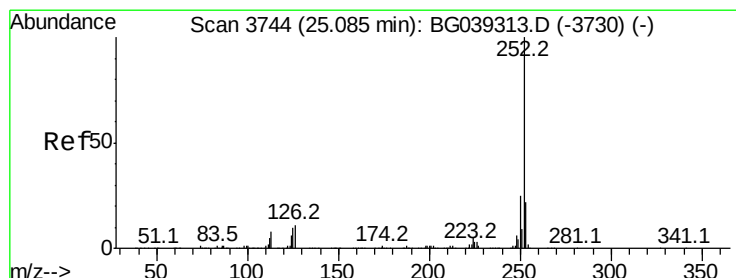
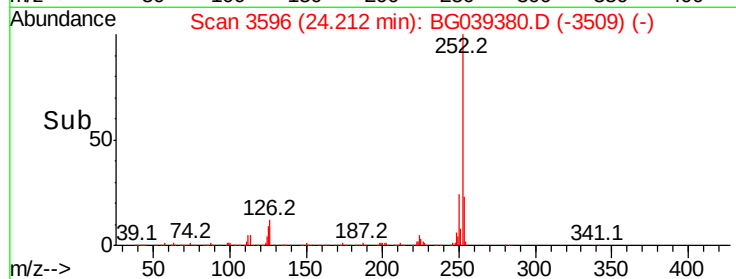
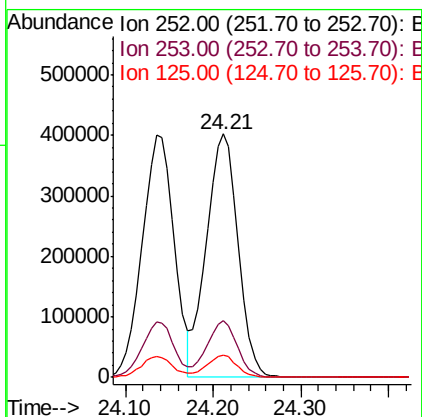
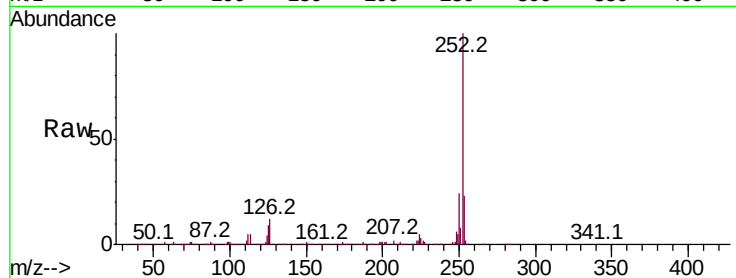
ClientSampleId :

AU-06-020519-AMSD

Tot Ion:	252	Resp:	1009972
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	8.9	7.4	11.2

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#90

Benzo(a)pyrene

Concen: 52.742 ng

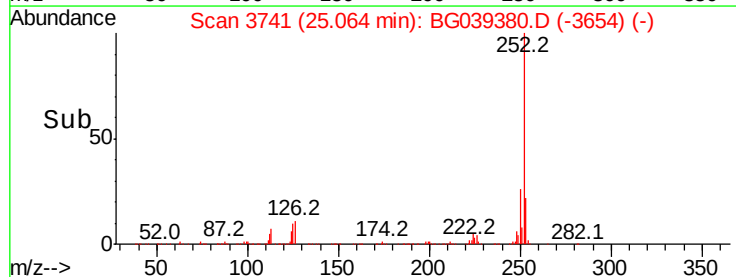
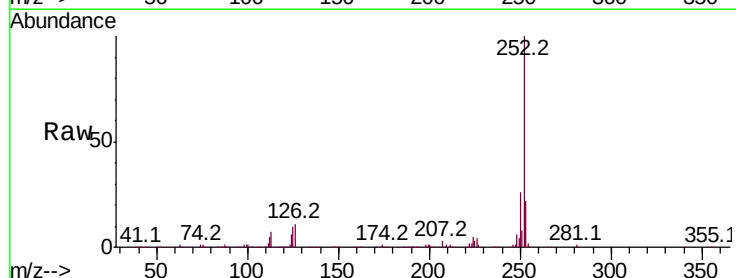
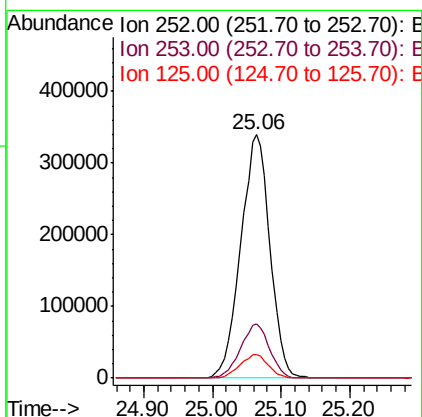
RT: 25.06 min Scan# 3741

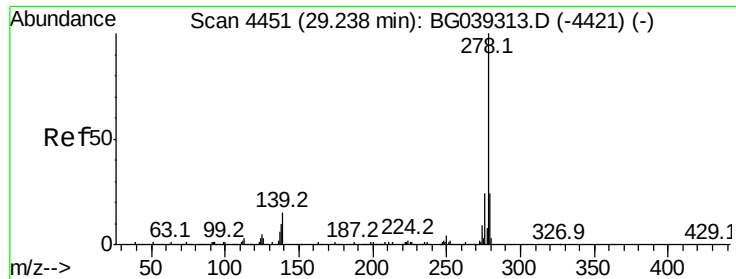
Delta R.T. -0.02 min

Lab File: BG039380.D

Acq: 6 Feb 2019 21:12

Tgt Ion:	252	Resp:	1003206
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.7	8.3	12.5





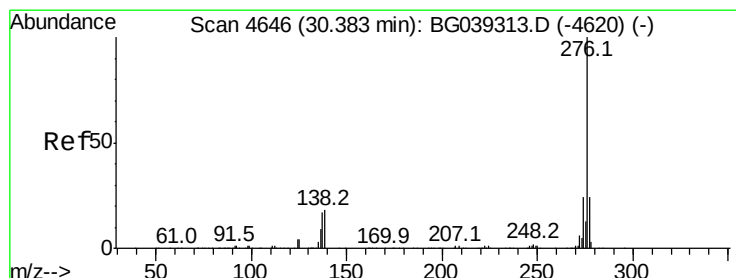
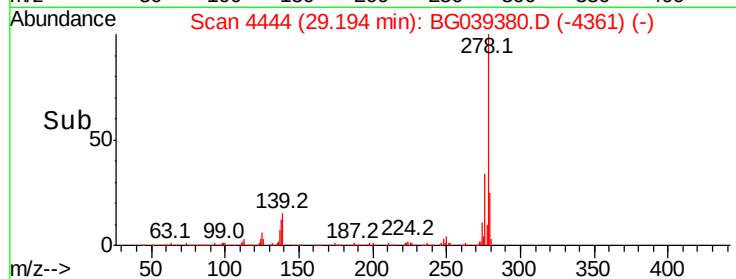
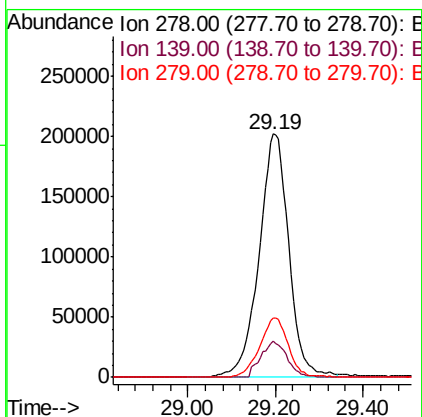
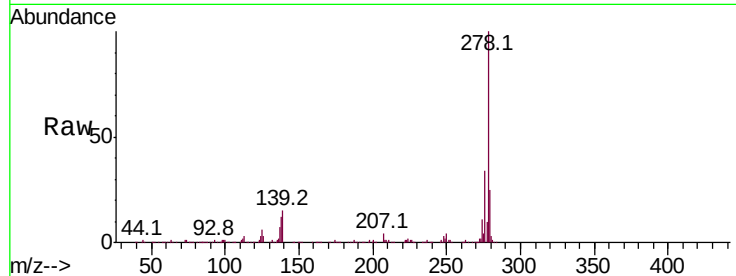
#91
Dibenzo(a,h)anthracene
Concen: 53.312 ng
RT: 29.19 min Scan# 4444
Delta R.T. -0.04 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.7	17.5
279	24.6	19.1	28.7

Manual Integrations
APPROVED

mohammad
2/7/2019 8:41:13 AM



#92
Benzo(g,h,i)perylene
Concen: 53.662 ng
RT: 30.35 min Scan# 4641
Delta R.T. -0.03 min
Lab File: BG039380.D
Acq: 6 Feb 2019 21:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	16.8	14.7	22.1

