

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112718\
 Data File : BG038174.D
 Acq On : 27 Nov 2018 19:37
 Operator : JU/SJ
 Sample : J6047-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP2-MW-101MSD

Manual Integrations
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 12/3/2018 2:34:31 PM

Quant Time: Nov 28 04:33:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	41995	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	183644	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116180	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	259563	20.00	ng	0.00
76) Chrysene-d12	21.76	240	225981	20.00	ng	0.00
87) Perylene-d12	25.08	264	240122	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	141432	58.15	ng	0.00
7) Phenol-d6	7.24	99	123541	35.58	ng	0.00
23) Nitrobenzene-d5	9.26	82	280254	81.69	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	149982	113.19	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	588574	73.80	ng	0.00
79) Terphenyl-d14	20.07	244	861368	89.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	18706	16.282	ng	96
3) Pyridine	3.93	79	41897	12.784	ng	91
4) n-Nitrosodimethylamine	3.85	42	26362	22.172	ng	95
6) Aniline	7.41	93	39811	8.884	ng	97
8) 2-Chlorophenol	7.65	128	112459	39.847	ng	99
9) Benzaldehyde	7.23	77	62352	24.833	ng	98
10) Phenol	7.27	94	61821	16.810	ng	97
11) bis(2-Chloroethyl)ether	7.51	93	134237	44.711	ng	97
12) 1,3-Dichlorobenzene	7.97	146	124463	38.281	ng	100
13) 1,4-Dichlorobenzene	8.12	146	128135	39.014	ng	99
14) 1,2-Dichlorobenzene	8.44	146	123233	39.300	ng	99
15) Benzyl Alcohol	8.33	79	78216	31.134	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.61	45	278963	50.039	ng	98
17) 2-Methylphenol	8.52	107	83247	33.482	ng	98
18) Hexachloroethane	9.17	117	45269	37.873	ng	98
19) n-Nitroso-di-n-propylamine	8.89	70	113911	45.343	ng	95
20) 3+4-Methylphenols	8.85	107	101713	28.858	ng	96
22) Acetophenone	8.92	105	211590	46.308	ng	# 97
24) Nitrobenzene	9.31	77	183925	52.409	ng	95
25) Isophorone	9.82	82	316332	51.229	ng	97
26) 2-Nitrophenol	10.02	139	78610	44.869	ng	95
27) 2,4-Dimethylphenol	10.06	122	118540	44.907	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	190161	48.161	ng	100
29) 2,4-Dichlorophenol	10.55	162	133518	44.968	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	134260	40.352	ng	99
31) Naphthalene	10.96	128	416076	46.064	ng	99
32) Benzoic acid	10.16	122	18553m	20.444	ng	
33) 4-Chloroaniline	11.07	127	35900	8.544	ng	98
34) Hexachlorobutadiene	11.22	225	74567	36.414	ng	99
35) Caprolactam	11.86	113	7310	6.151	ng	99
36) 4-Chloro-3-methylphenol	12.17	107	134257	41.389	ng	97
37) 2-Methylnaphthalene	12.55	142	312589	48.179	ng	99
38) 1-Methylnaphthalene	12.78	142	297793	47.683	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	164237	42.305	ng	98

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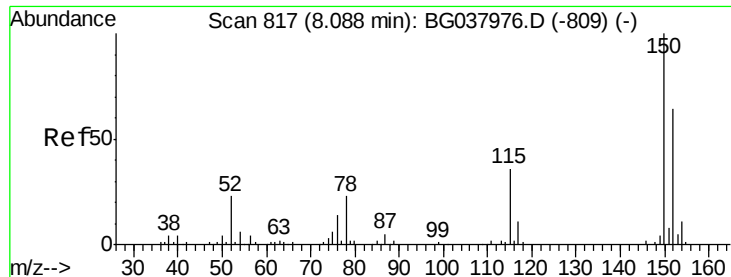
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	179425	86.311	ng	99
43) 2,4,6-Trichlorophenol	13.16	196	117363	44.364	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	120413	43.259	ng	95
46) 1,1'-Biphenyl	13.56	154	409266	41.931	ng	100
47) 2-Chloronaphthalene	13.61	162	320873	43.082	ng	100
48) 2-Nitroaniline	13.82	65	102555	43.750	ng	98
49) Acenaphthylene	14.45	152	535527	47.814	ng	100
50) Dimethylphthalate	14.18	163	421175	45.728	ng	99
51) 2,6-Dinitrotoluene	14.30	165	96926	46.497	ng	96
52) Acenaphthene	14.79	154	312051	46.279	ng	99
53) 3-Nitroaniline	14.64	138	19917	8.659	ng	# 87
54) 2,4-Dinitrophenol	14.85	184	99078	87.129	ng	89
55) Dibenzofuran	15.12	168	499770	44.825	ng	98
56) 4-Nitrophenol	14.93	139	51762	29.177	ng	93
57) 2,4-Dinitrotoluene	15.09	165	136870	48.257	ng	96
58) Fluorene	15.77	166	401544	48.269	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	110077	47.260	ng	98
60) Diethylphthalate	15.53	149	435811	44.548	ng	100
61) 4-Chlorophenyl-phenylether	15.76	204	210823	43.311	ng	99
62) 4-Nitroaniline	15.80	138	59730	26.139	ng	95
63) Azobenzene	16.05	77	402544	46.021	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	74833	45.581	ng	98
66) n-Nitrosodiphenylamine	15.97	169	359643	45.800	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	130909	45.950	ng	99
68) Hexachlorobenzene	16.77	284	134558	45.758	ng	97
69) Atrazine	16.91	200	134926	46.611	ng	98
70) Pentachlorophenol	17.11	266	156420	78.320	ng	96
71) Phenanthrene	17.51	178	649545	48.877	ng	99
72) Anthracene	17.61	178	652371	49.800	ng	99
73) Carbazole	17.88	167	590857	44.956	ng	100
74) Di-n-butylphthalate	18.41	149	718774	48.719	ng	99
75) Fluoranthene	19.52	202	743170	49.015	ng	100
77) Benzidine	19.70	184	135756	17.120	ng	98
78) Pyrene	19.89	202	747112	50.567	ng	99
80) Butylbenzylphthalate	20.75	149	330632	51.171	ng	99
81) Benzo(a)anthracene	21.74	228	703167	51.491	ng	100
82) 3,3'-Dichlorobenzidine	21.65	252	53971	10.146	ng	96
83) Chrysene	21.81	228	654777	50.113	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	457332	49.632	ng	98
85) Di-n-octyl phthalate	22.85	149	785216	52.674	ng	98
86) Indeno(1,2,3-cd)pyrene	28.90	276	748284	51.564	ng	# 96
88) Benzo(b)fluoranthene	24.02	252	677268	51.254	ng	99
89) Benzo(k)fluoranthene	24.09	252	678366	52.026	ng	100
90) Benzo(a)pyrene	24.93	252	671257	53.155	ng	99
91) Dibenzo(a,h)anthracene	28.98	278	617149	50.791	ng	97
92) Benzo(g,h,i)perylene	30.11	276	618054	51.157	ng	98

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



#1

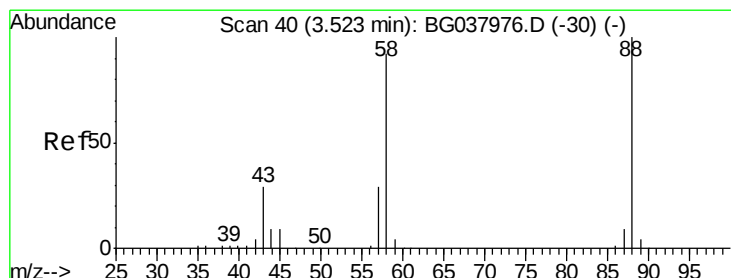
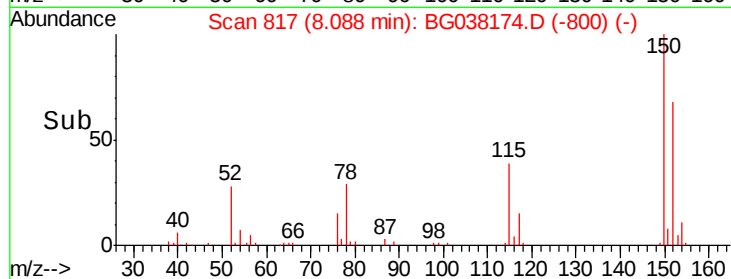
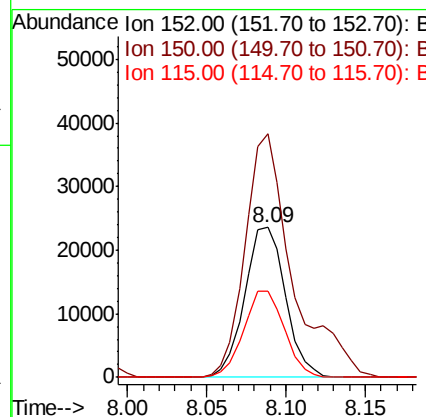
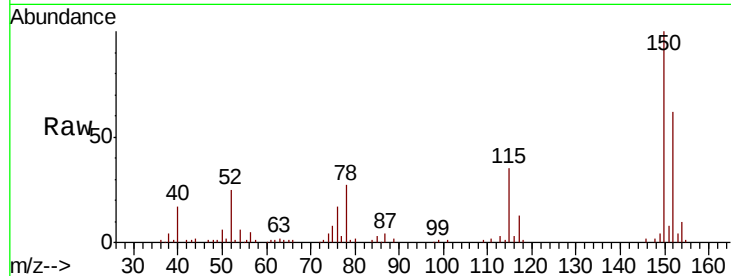
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.5	126.0	189.0
115	57.6	45.5	68.3

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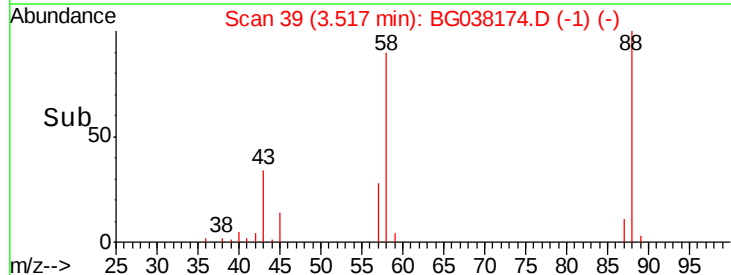
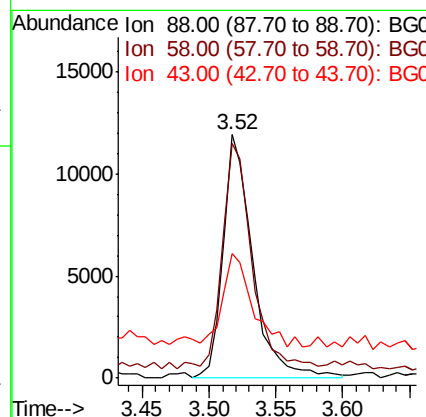
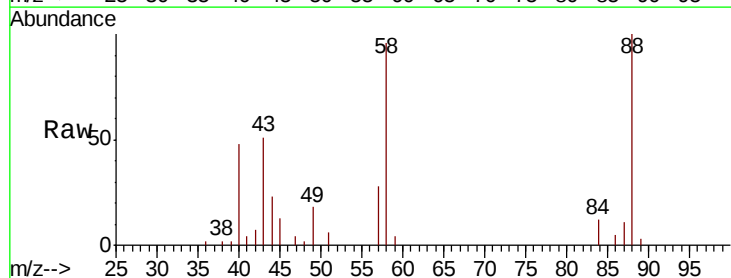
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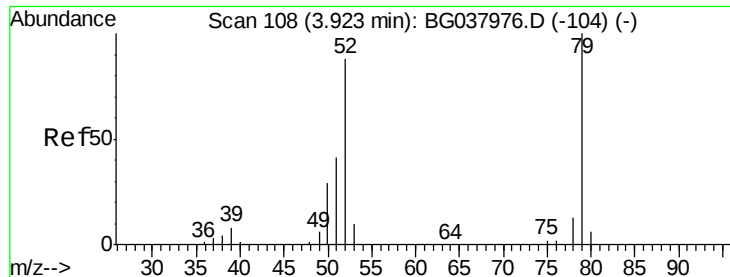


#2

1,4-Dioxane
Concen: 16.282 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.2	74.4	111.6
43	38.7	25.8	38.8





#3

Pyridine

Concen: 12.784 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.01 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Instrument :

BNA_G

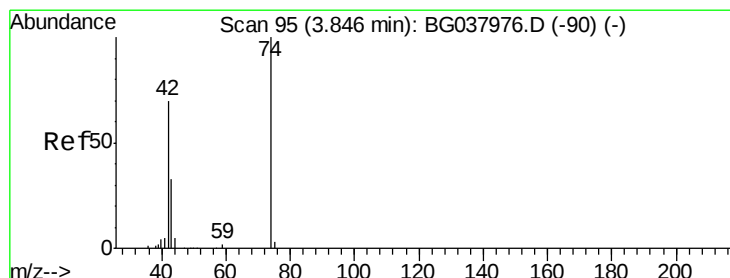
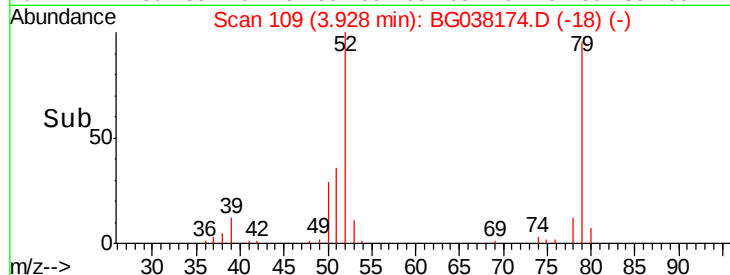
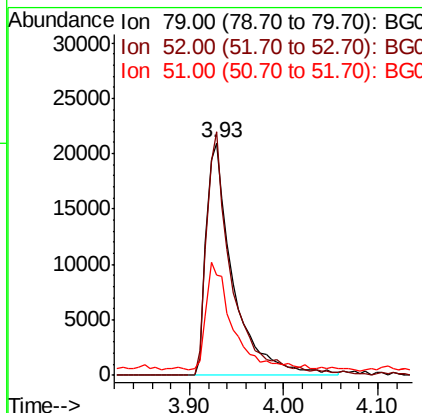
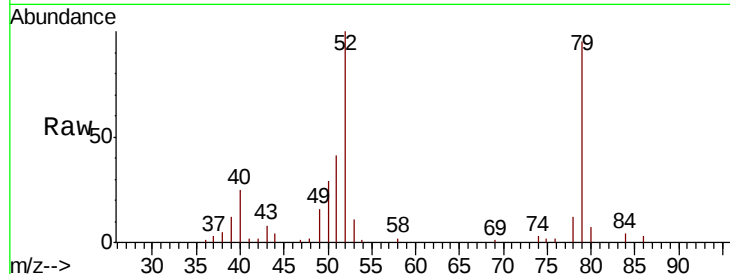
ClientSampleId :

EP2-MW-101MSD

Tgt Ion:	79	Resp:	41897
Ion	Ratio	Lower	Upper
79	100		
52	104.7	74.2	111.2
51	43.3	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 22.172 ng

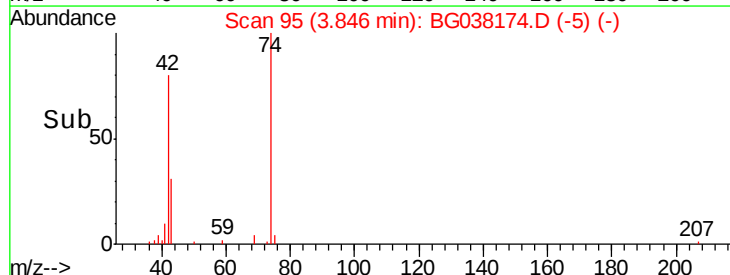
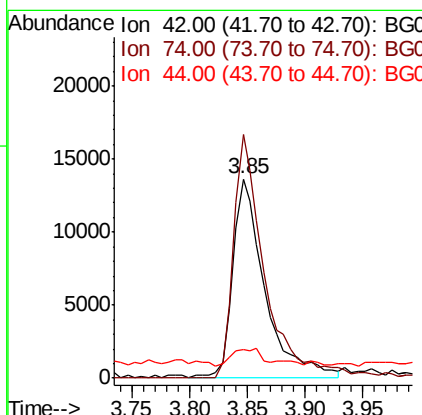
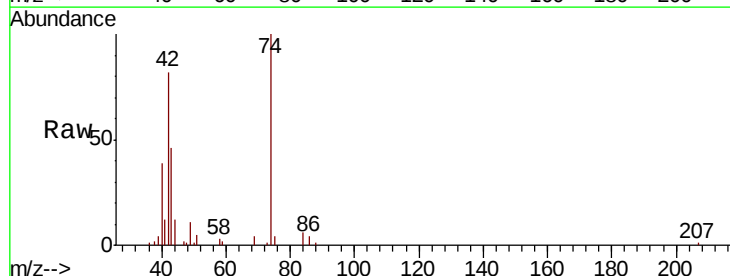
RT: 3.85 min Scan# 95

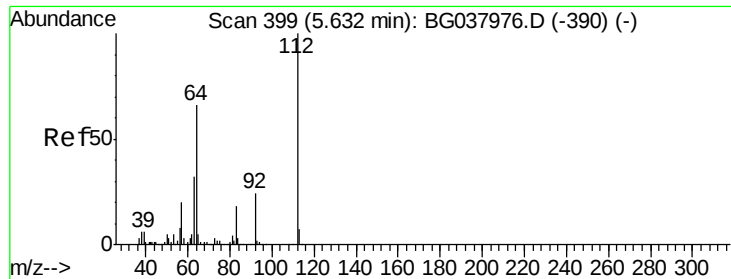
Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Tgt Ion:	42	Resp:	26362
Ion	Ratio	Lower	Upper
42	100		
74	122.4	102.0	153.0
44	14.1	9.6	14.4





#5

2-Fluorophenol

Concen: 58.148 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Instrument :

BNA_G

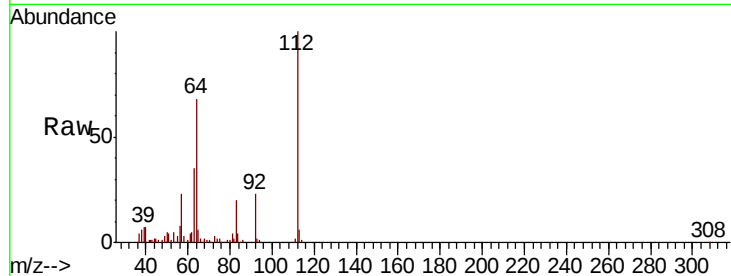
ClientSampleId :

EP2-MW-101MSD

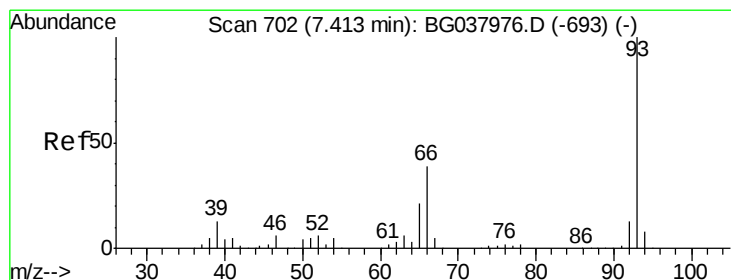
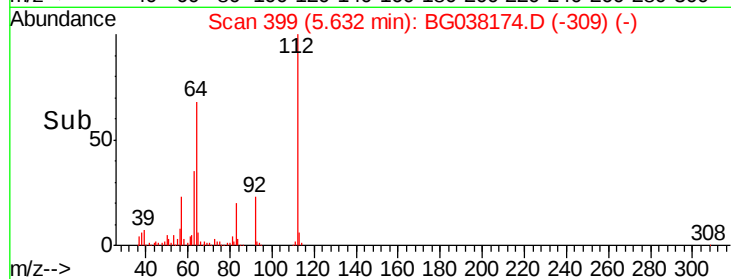
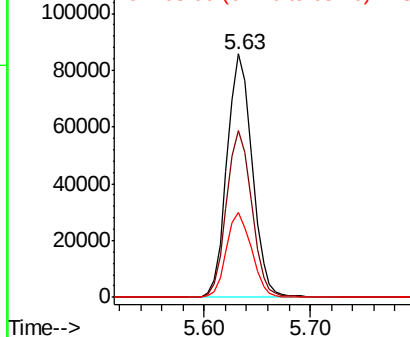
Tgt Ion:	112	Resp:	141432
Ion Ratio	Lower	Upper	
112	100		
64	68.4	53.1	79.7
63	34.7	27.3	40.9

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



#6

Aniline

Concen: 8.884 ng

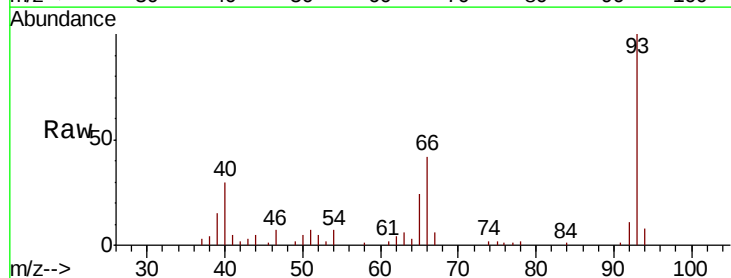
RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

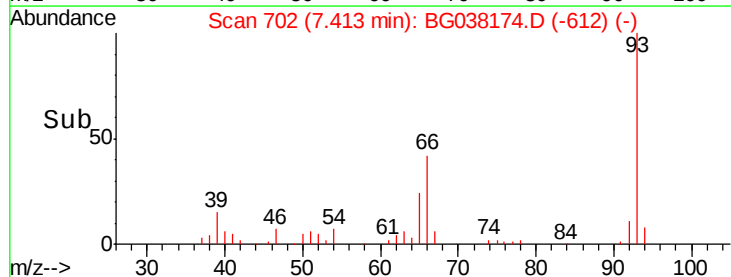
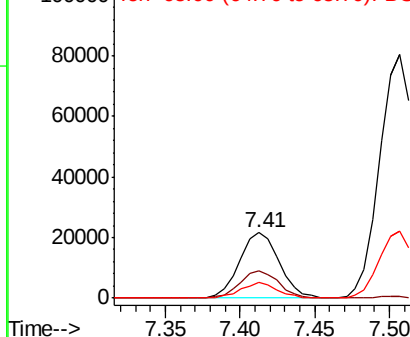
Lab File: BG038174.D

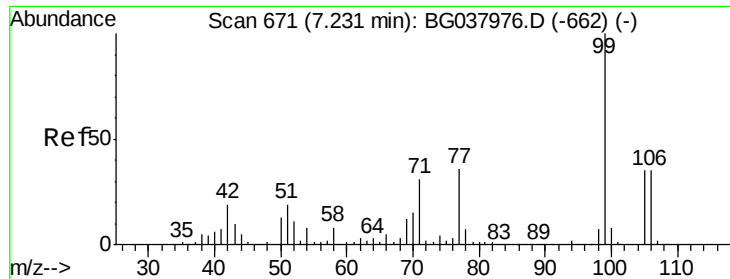
Acq: 27 Nov 2018 19:37

Tgt Ion:	93	Resp:	39811
Ion Ratio	Lower	Upper	
93	100		
66	42.2	32.8	49.2
65	23.5	16.4	24.6



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





#7

Phenol-d6

Concen: 35.583 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Instrument :

BNA_G

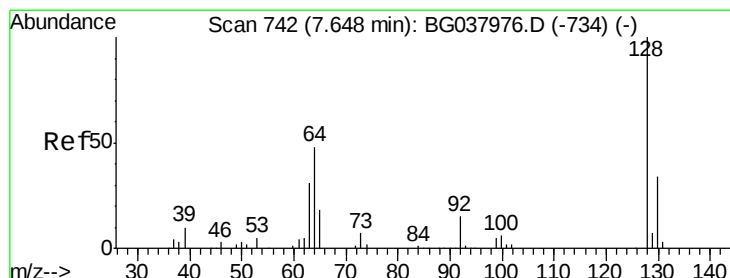
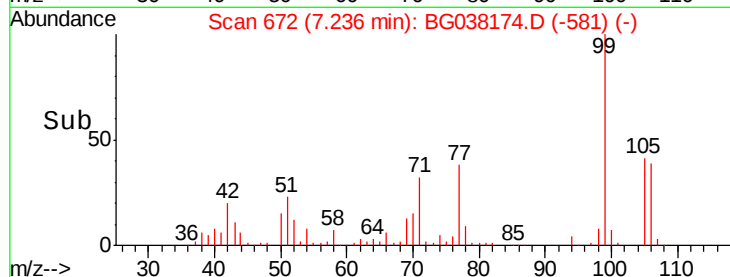
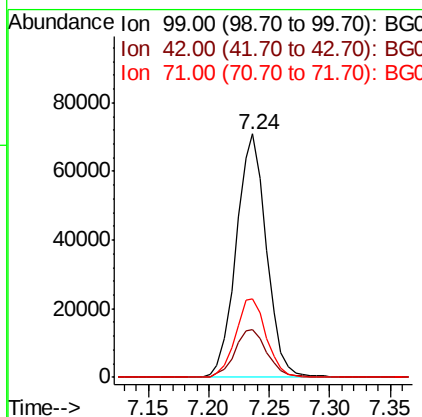
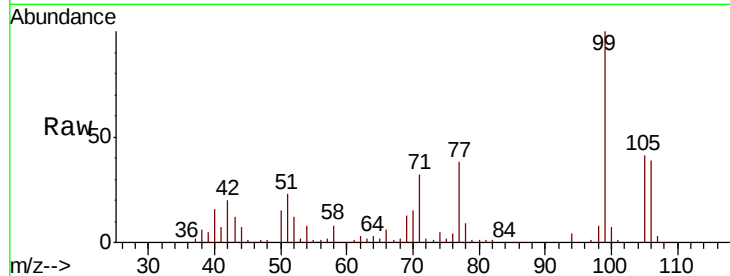
ClientSampleId :

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Tgt Ion:	99	Resp:	123541
Ion Ratio	Lower	Upper	
99	100		
42	19.6	15.0	22.4
71	32.3	25.5	38.3

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#8

2-Chlorophenol

Concen: 39.847 ng

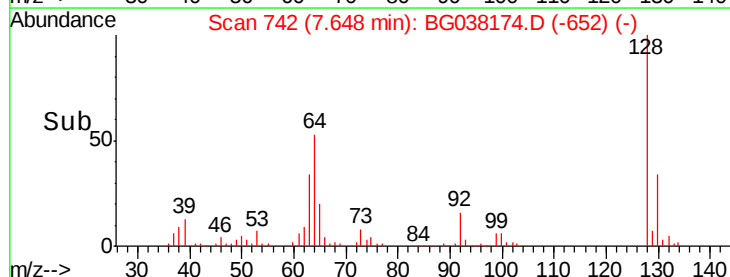
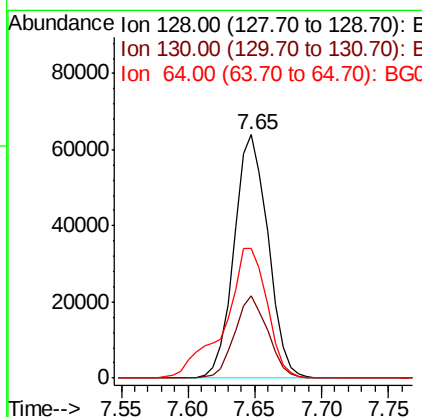
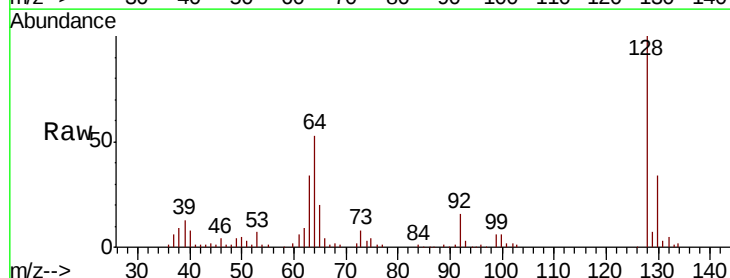
RT: 7.65 min Scan# 742

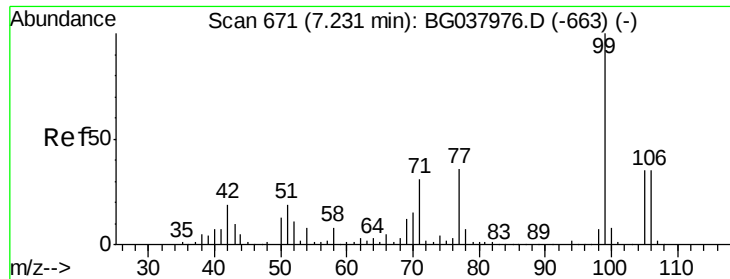
Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Tgt Ion:	128	Resp:	112459
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.0	52.0
64	53.1	32.9	72.9





#9

Benzaldehyde

Concen: 24.833 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Instrument :

BNA_G

ClientSampleId :

EP2-MW-101MSD

Tgt Ion: 77 Resp: 62352

Ion Ratio Lower Upper

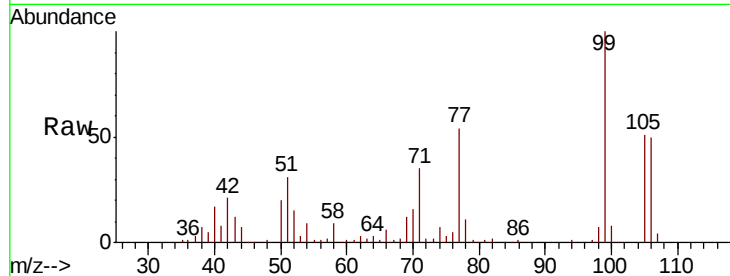
77 100

105 95.1 72.6 112.6

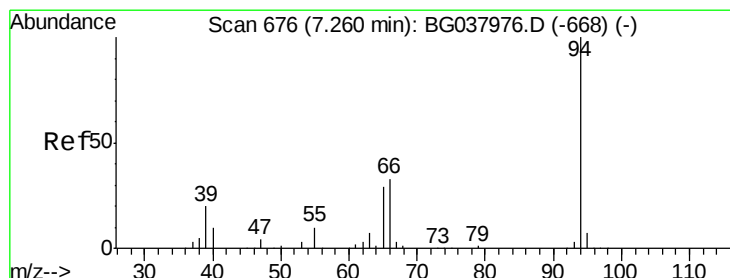
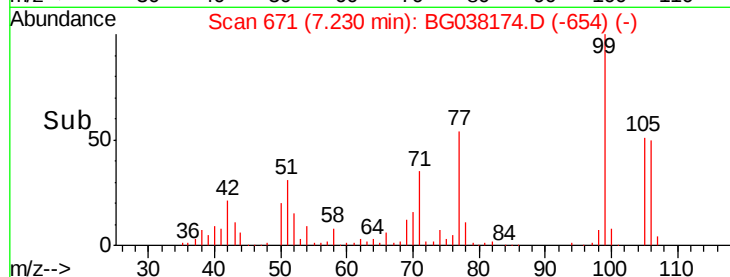
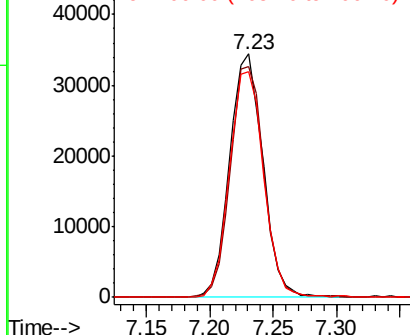
106 92.9 71.3 111.3

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 16.810 ng

RT: 7.27 min Scan# 677

Delta R.T. 0.01 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

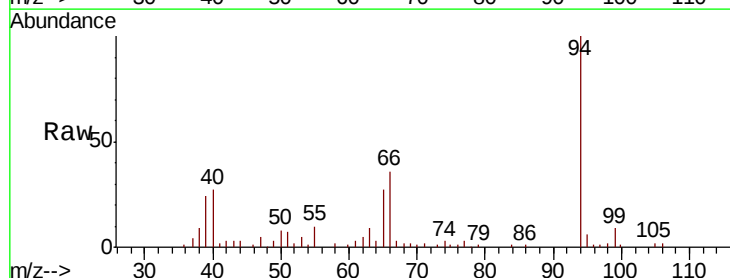
Tgt Ion: 94 Resp: 61821

Ion Ratio Lower Upper

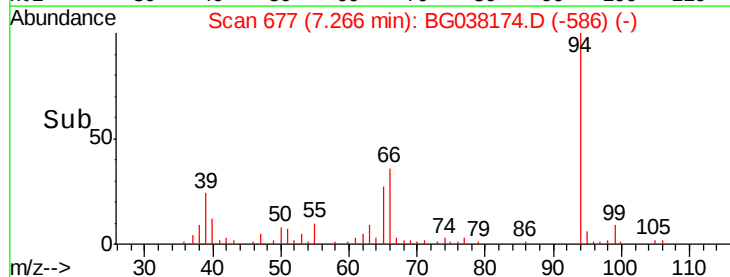
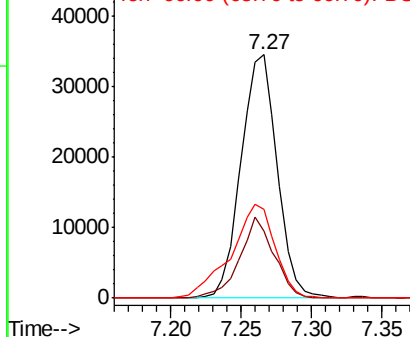
94 100

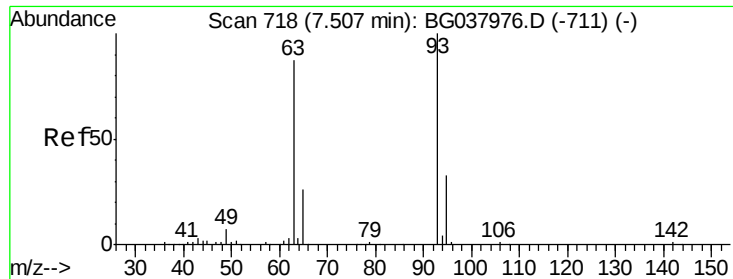
65 27.3 9.7 49.7

66 36.5 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





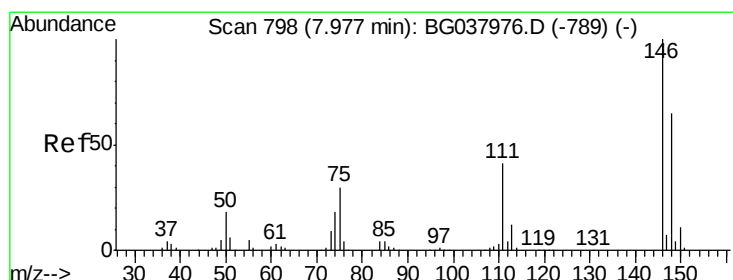
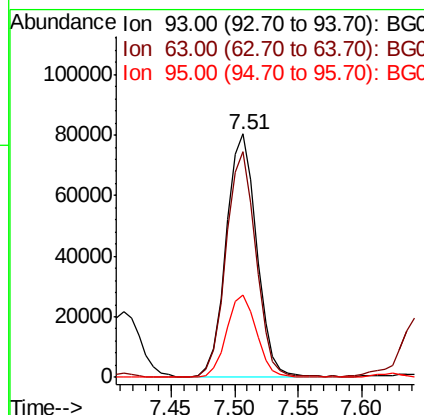
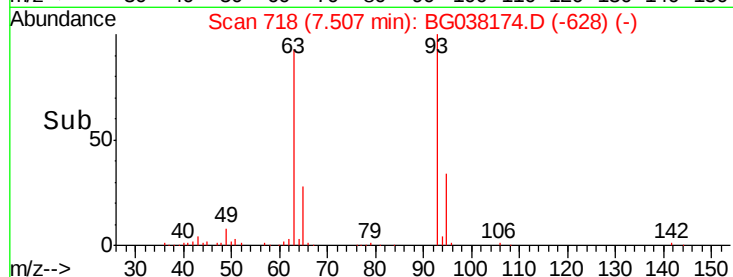
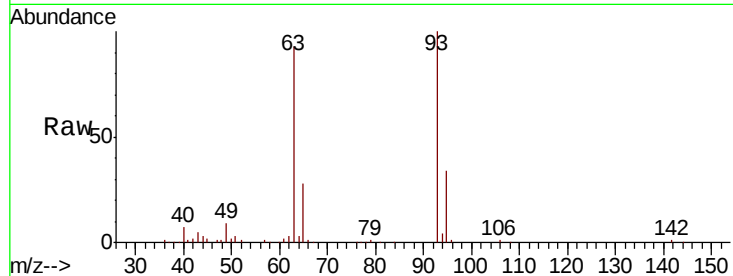
#11
bis(2-Chloroethyl)ether
Concen: 44.711 ng
RT: 7.51 min Scan# 718
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	92.8	69.5	109.5
95	33.7	12.6	52.6

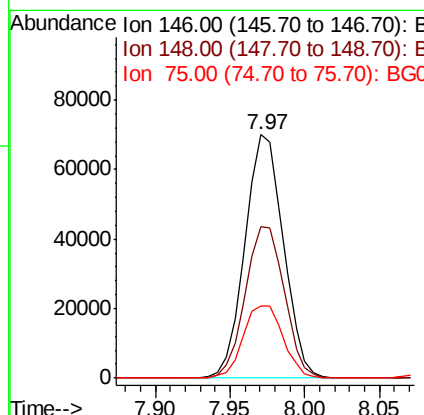
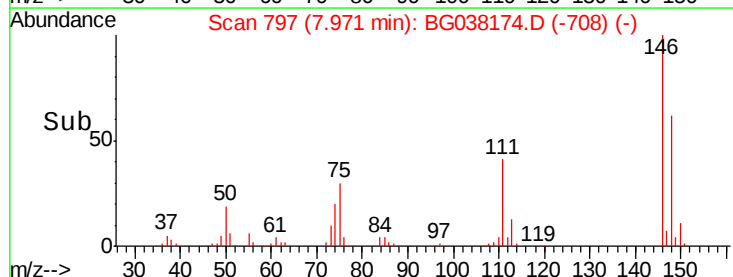
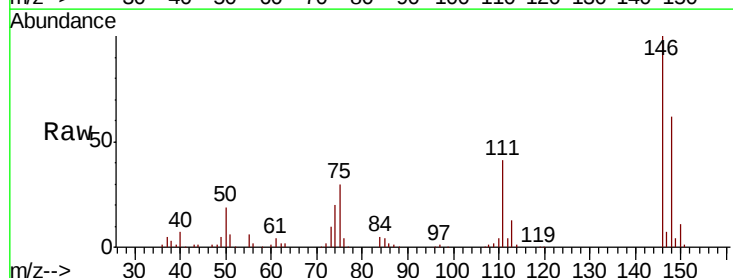
Manual Integrations
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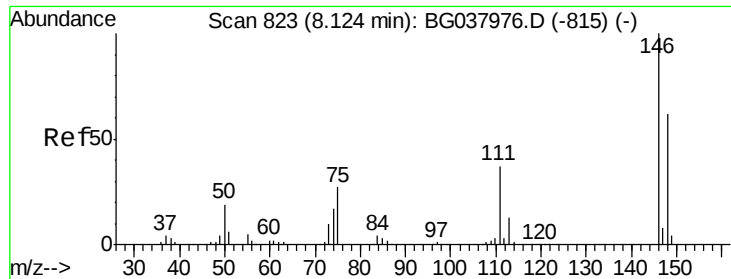
mohammad
12/3/2018 2:34:31 PM



#12
1,3-Dichlorobenzene
Concen: 38.281 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	49.8	74.8
75	29.7	23.2	34.8





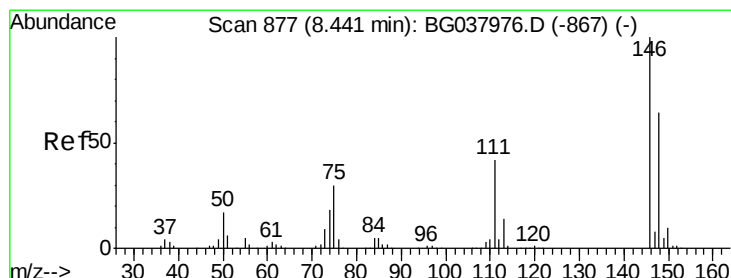
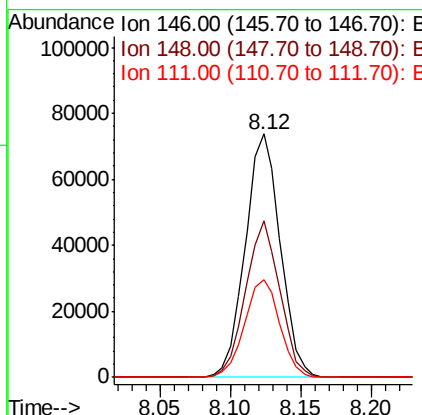
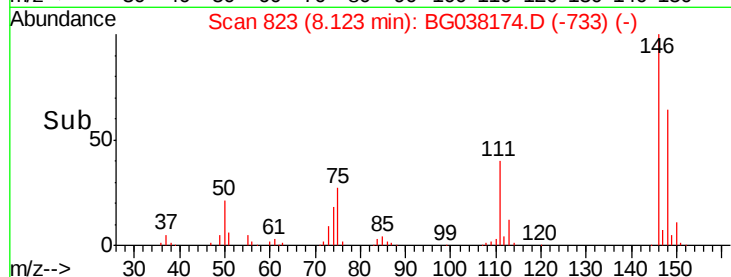
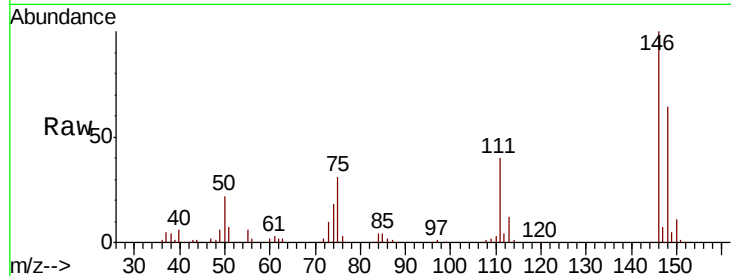
#13
 1,4-Dichlorobenzene
 Concen: 39.014 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Instrument :
 BNA_G
 ClientSampleID :
 EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.6
111	40.0	32.4	48.6

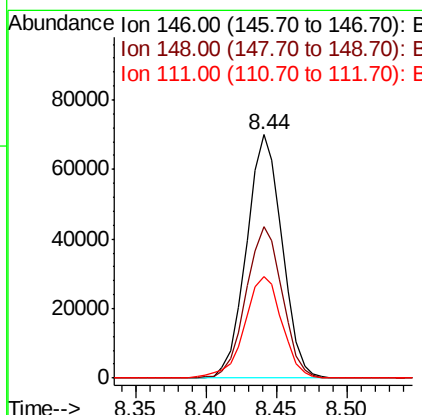
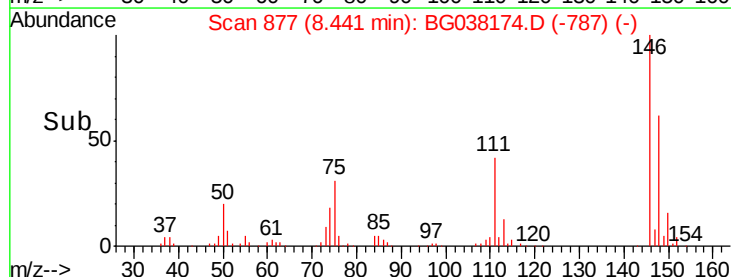
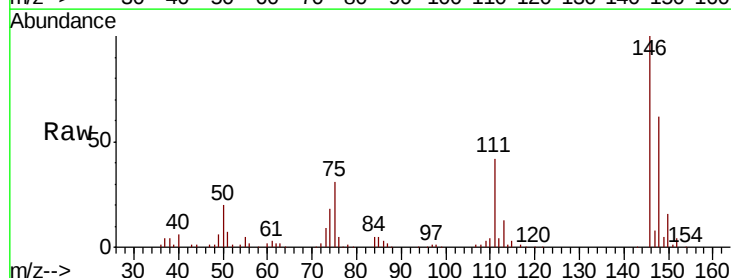
Manual Integrations
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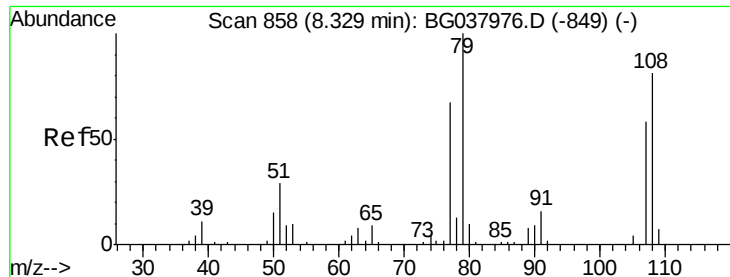
mohammad
 12/3/2018 2:34:31 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.300 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.4	75.6
111	41.9	34.6	51.8





#15

Benzyl Alcohol

Concen: 31.134 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Instrument :

BNA_G

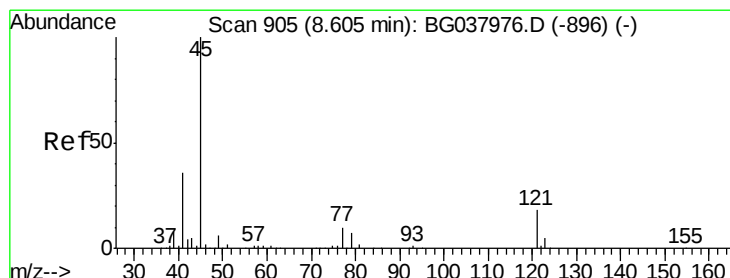
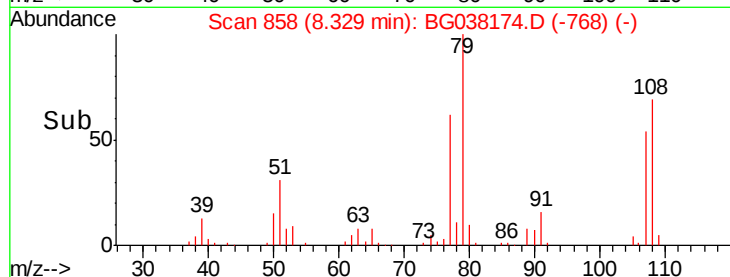
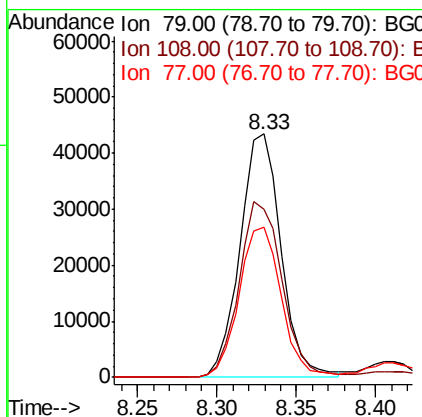
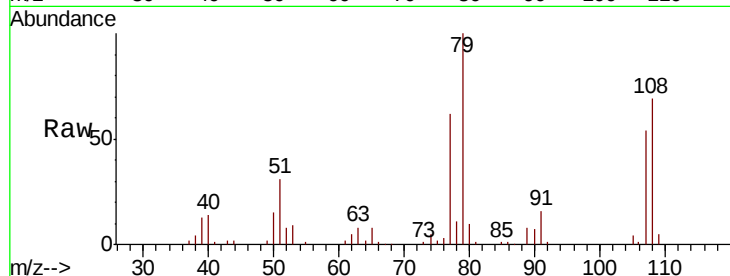
ClientSampleId :

EP2-MW-101MSD

Tgt Ion:	79	Resp:	78216
Ion	Ratio	Lower	Upper
79	100		
108	69.0	65.8	98.8
77	61.7	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 50.039 ng

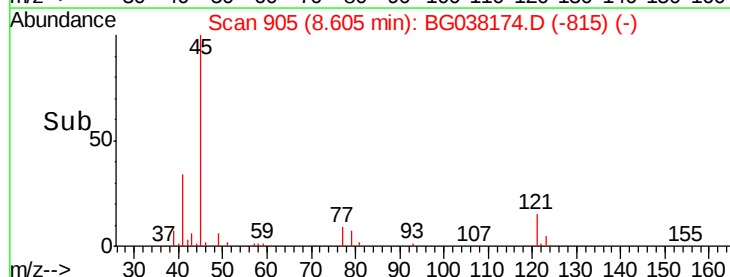
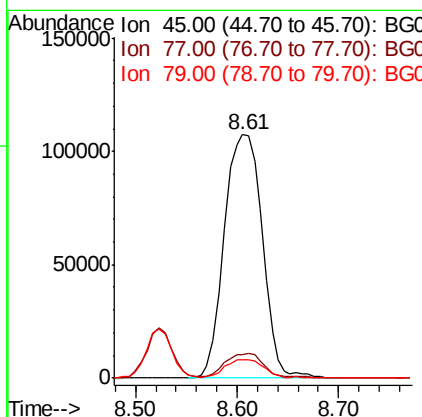
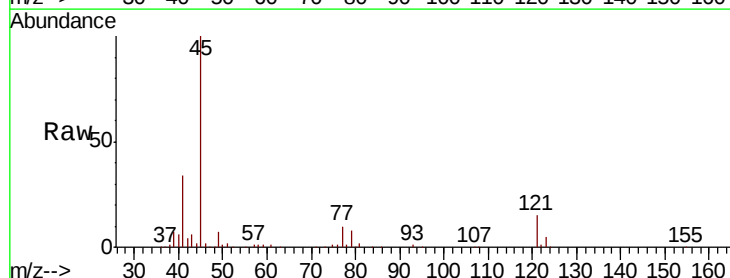
RT: 8.61 min Scan# 905

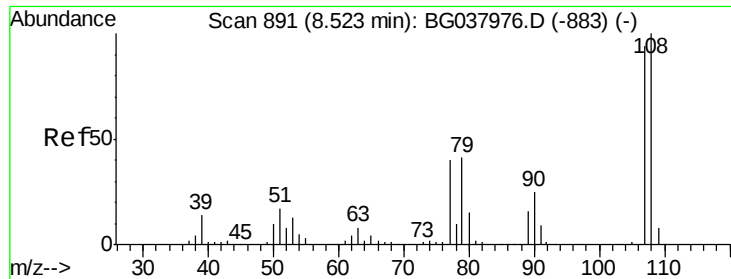
Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Tgt Ion:	45	Resp:	278963
Ion	Ratio	Lower	Upper
45	100		
77	9.6	0.0	30.0
79	7.8	0.0	29.0





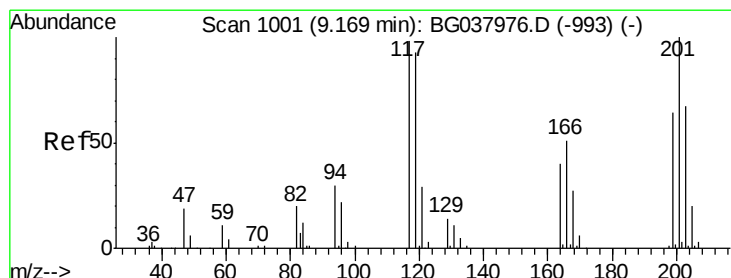
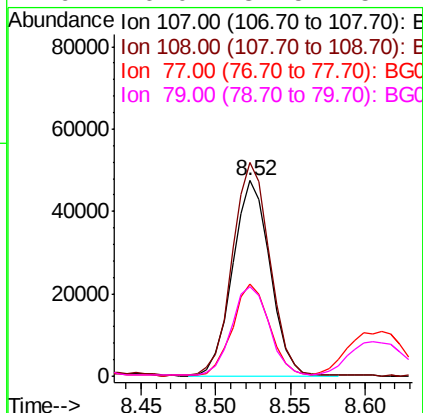
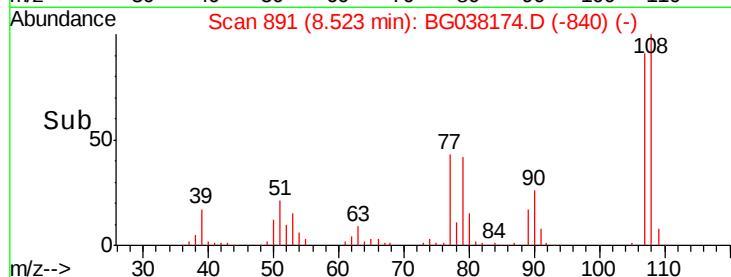
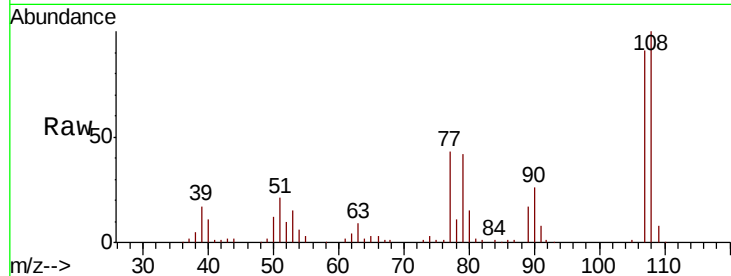
#17
2-Methylphenol
Concen: 33.482 ng
RT: 8.52 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.3	83247	87.9	131.9
77	47.3		35.1	52.7
79	46.0		34.5	51.7

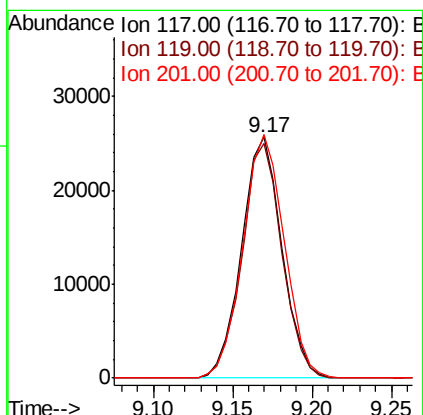
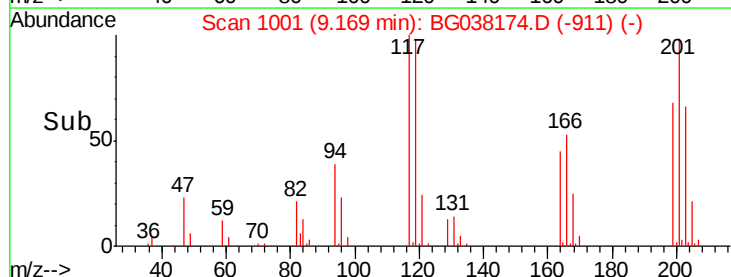
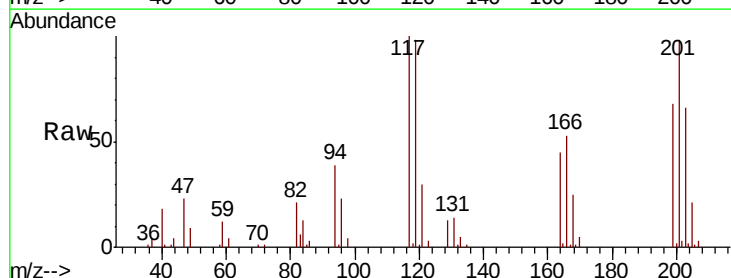
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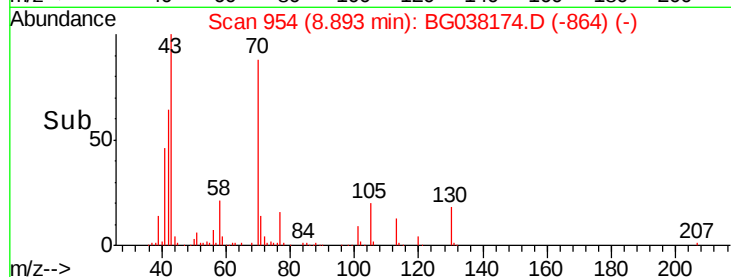
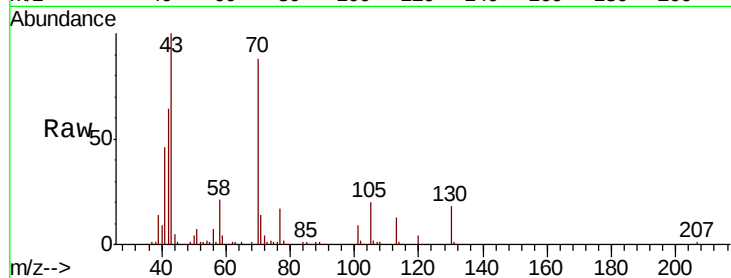
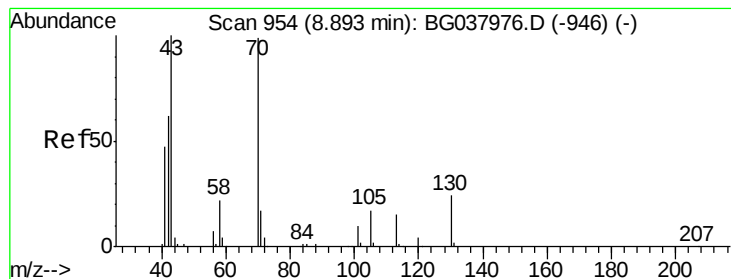
mohammad
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#18
Hexachloroethane
Concen: 37.873 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	45269		
119	97.5		74.6	111.8
201	101.1		80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 45.343 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Instrument :

BNA_G

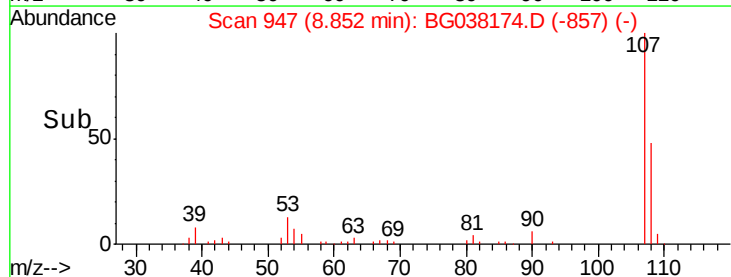
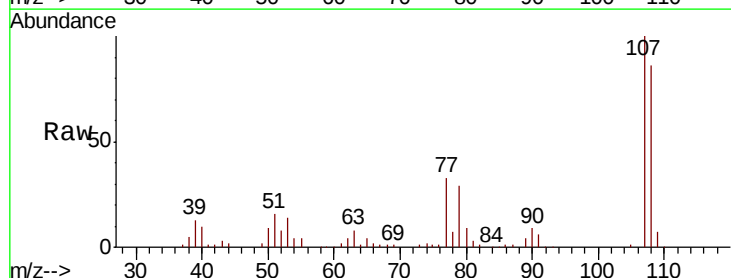
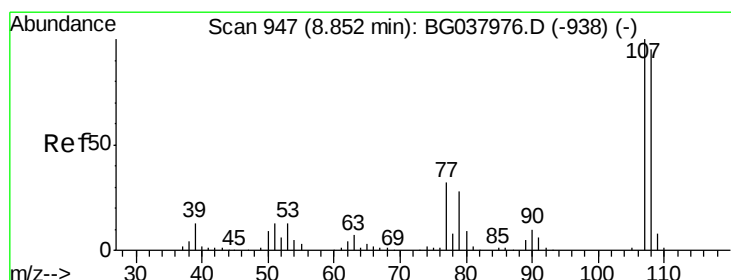
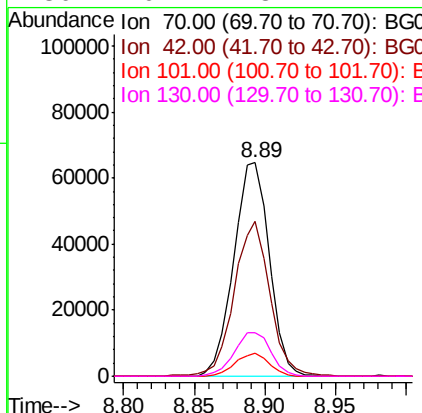
ClientSampleId :

EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	72.5	53.9	80.9
101	10.6	8.2	12.2
130	20.7	18.2	27.4

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#20

3+4-Methylphenols

Concen: 28.858 ng

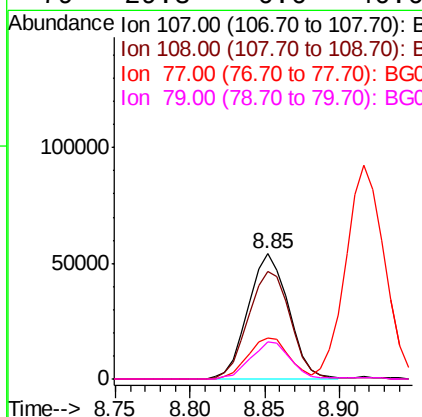
RT: 8.85 min Scan# 947

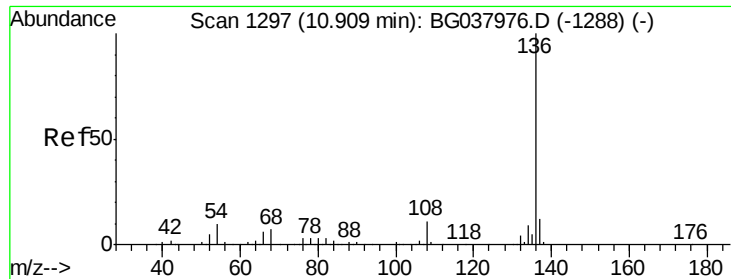
Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	69.9	109.9
77	33.3	11.2	51.2
79	29.3	6.6	46.6





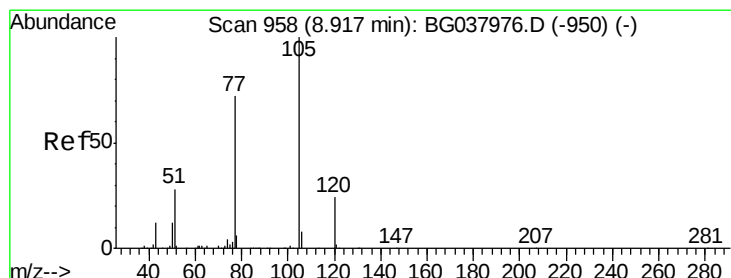
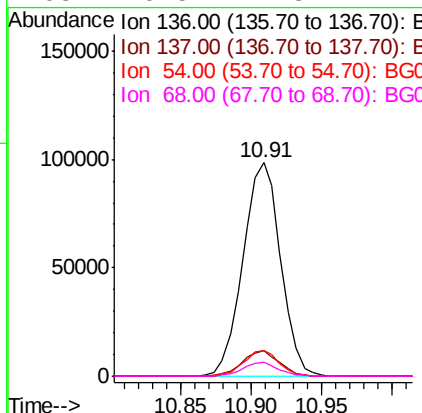
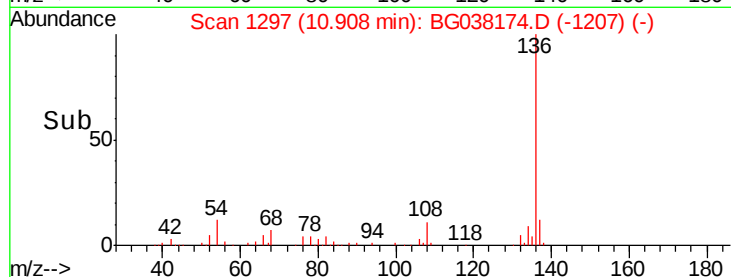
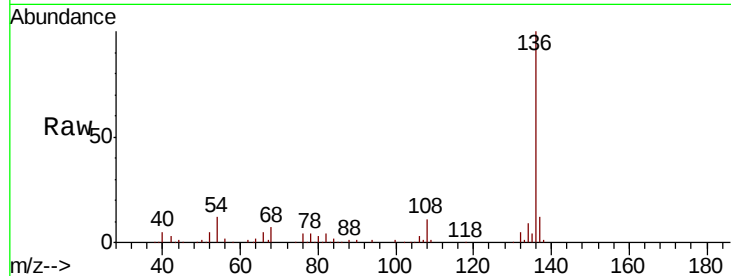
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	183644		
137	12.0	9.6	14.4	
54	11.7	7.9	11.9	
68	6.5	4.8	7.2	

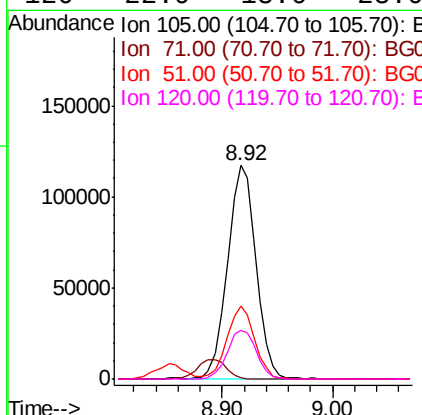
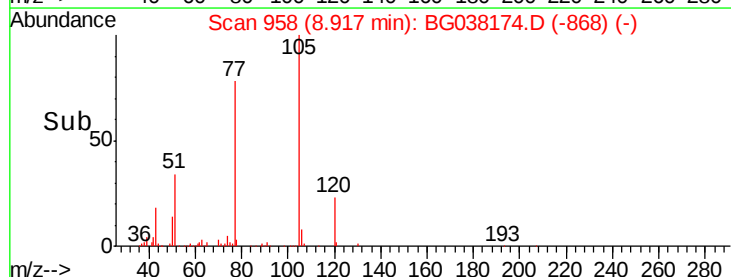
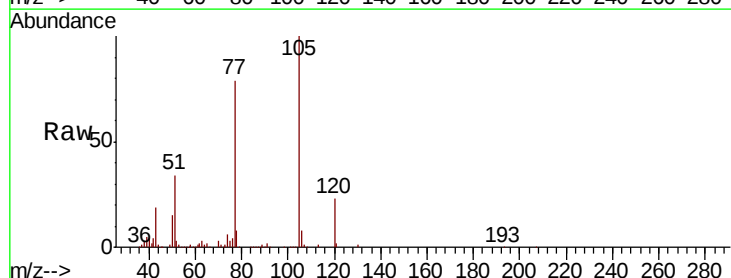
Manual Integrations
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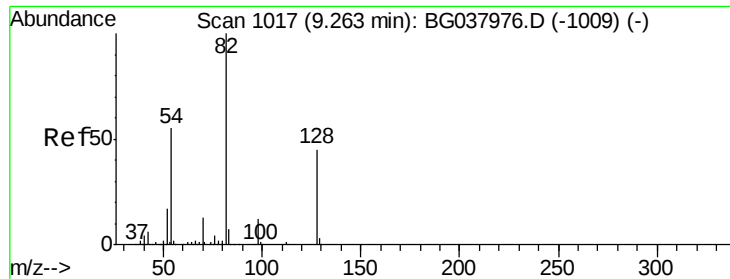
mohammad
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#22
Acetophenone
Concen: 46.308 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	211590		
71	0.6	1.2	1.8#	
51	34.1	25.0	37.6	
120	22.9	18.6	28.0	





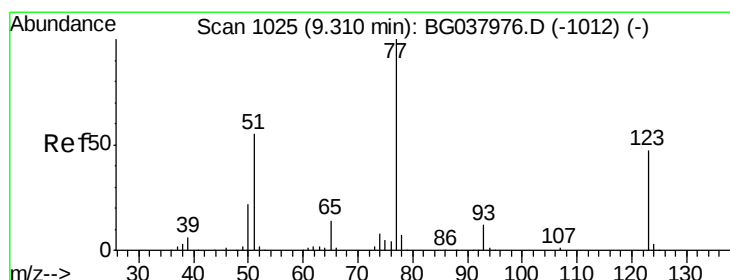
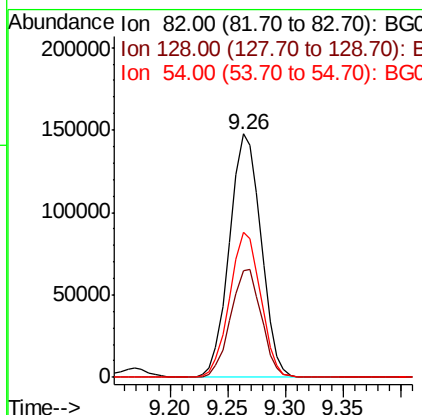
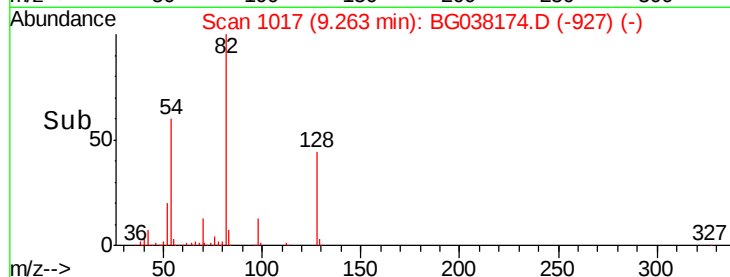
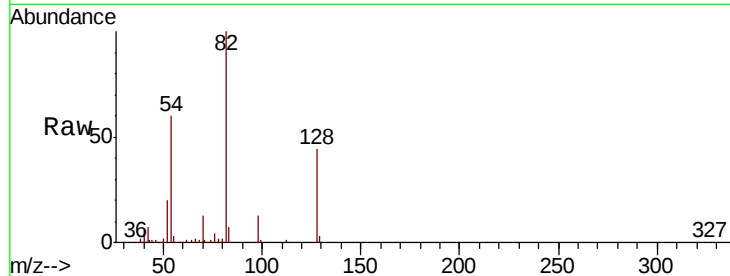
#23
 Nitrobenzene-d5
 Concen: 81.691 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	51.8
54	59.5	45.3	67.9

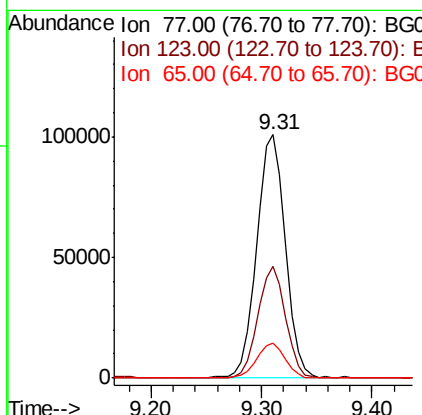
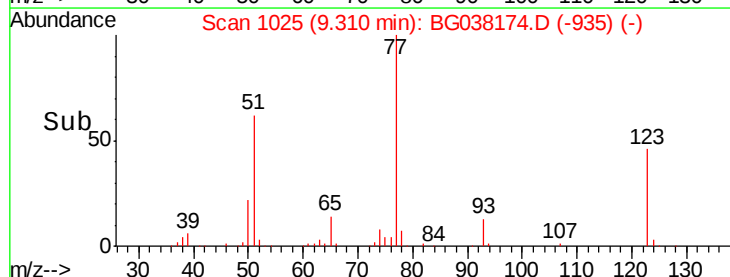
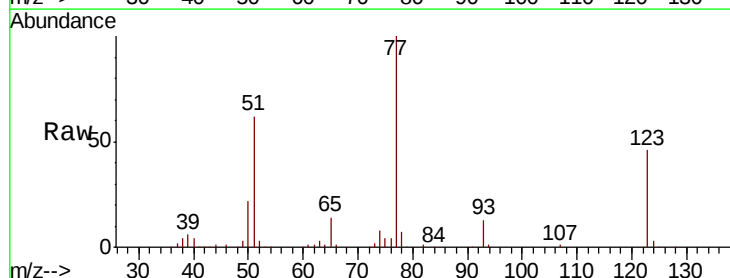
Manual Integrations
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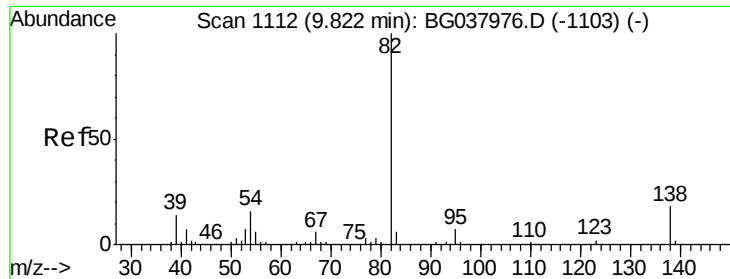
mohammad
 12/3/2018 2:34:31 PM



#24
 Nitrobenzene
 Concen: 52.409 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	33.6	50.4
65	14.1	11.3	16.9





#25

Isophorone

Concen: 51.229 ng

RT: 9.82 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Instrument :

BNA_G

ClientSampleId :

EP2-MW-101MSD

Tgt Ion: 82 Resp: 316332

Ion Ratio Lower Upper

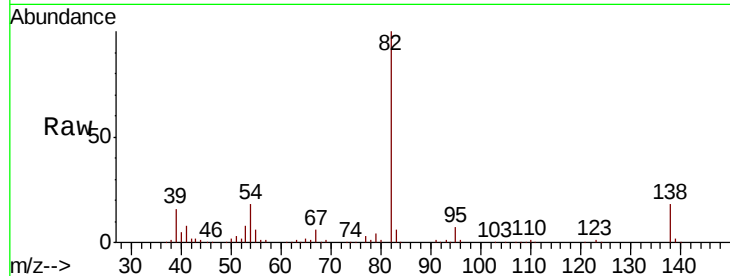
82 100

95 7.2 5.3 7.9

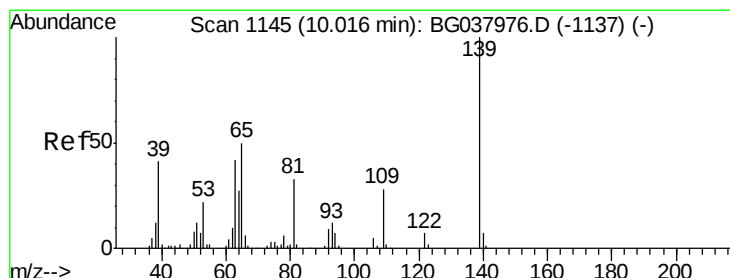
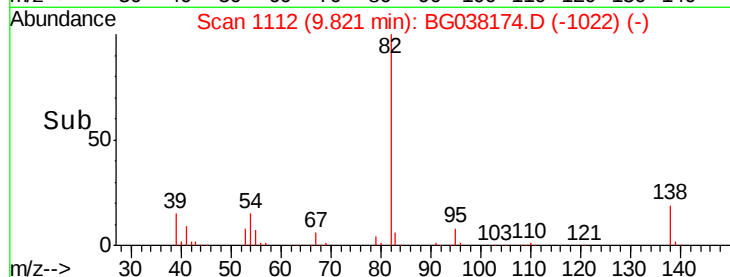
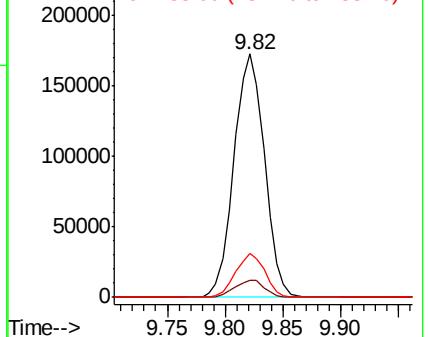
138 18.1 13.3 19.9

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 44.869 ng

RT: 10.02 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

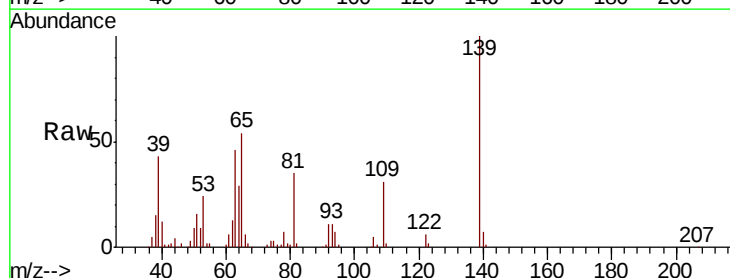
Tgt Ion: 139 Resp: 78610

Ion Ratio Lower Upper

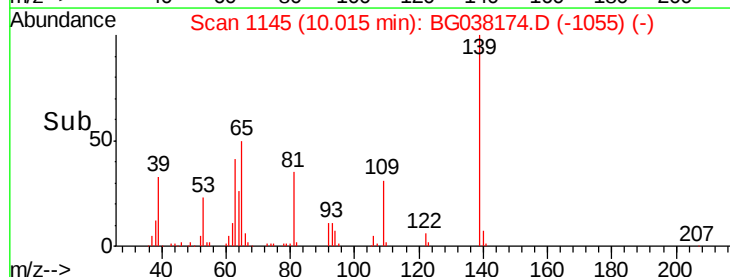
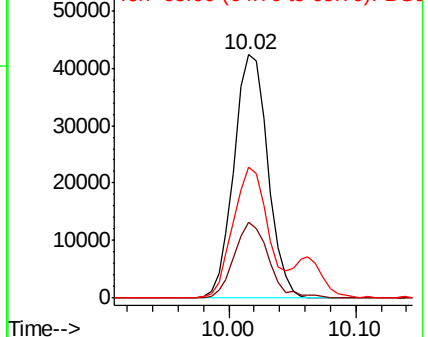
139 100

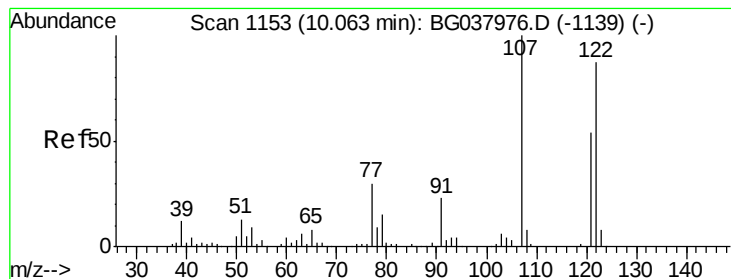
109 31.4 23.3 34.9

65 53.5 39.8 59.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 44.907 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Instrument :

BNA_G

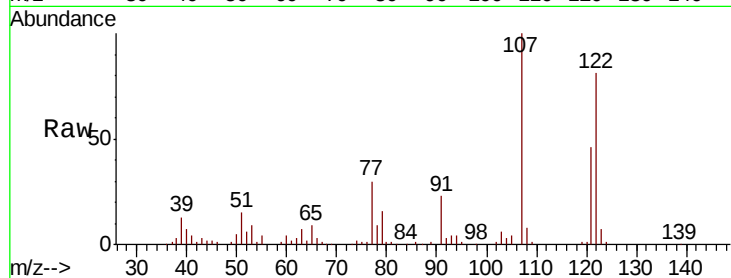
ClientSampleId :

EP2-MW-101MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	118540		
107	124.0	94.2	141.2	
121	57.6	47.3	70.9	

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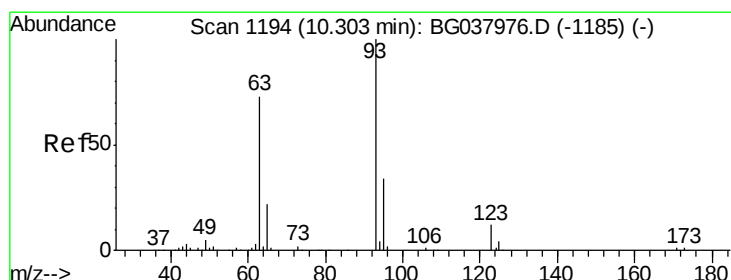
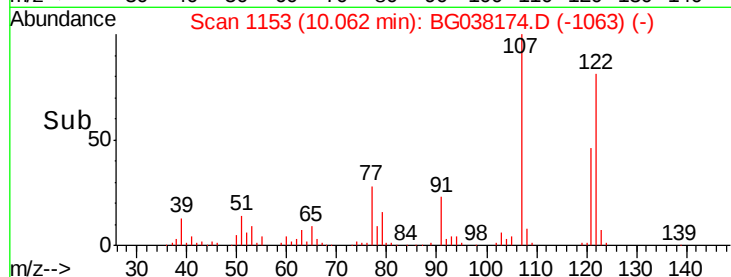
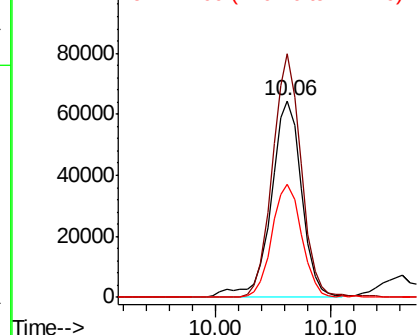


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.161 ng

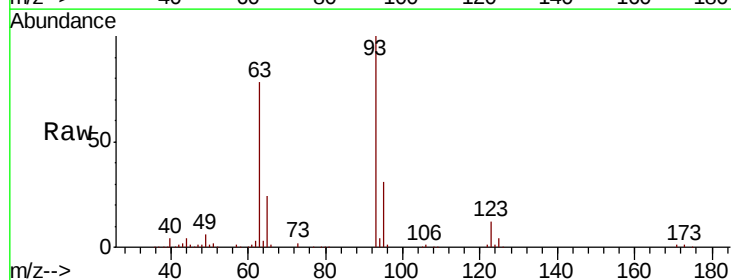
RT: 10.30 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	190161		
95	30.9	24.6	37.0	
123	11.7	9.1	13.7	

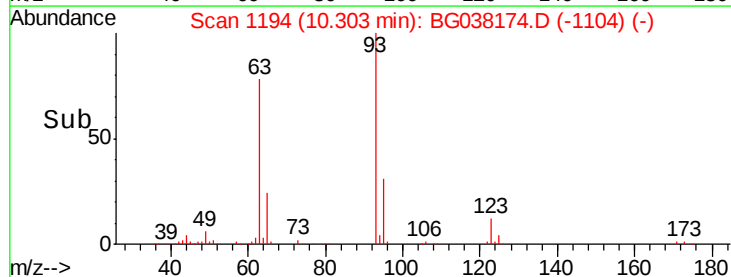
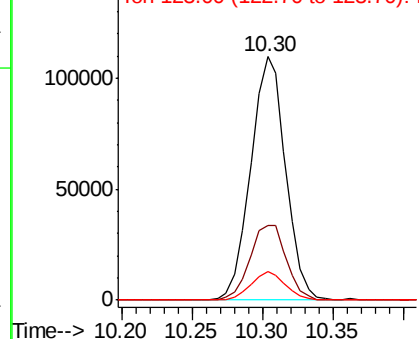


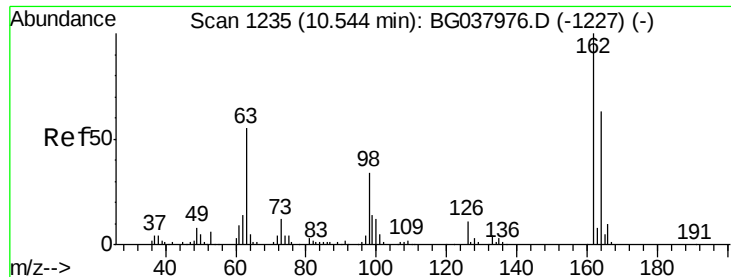
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





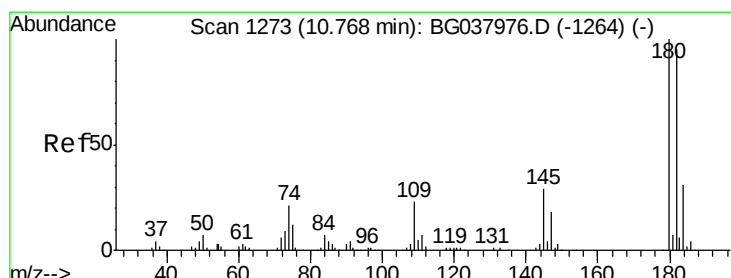
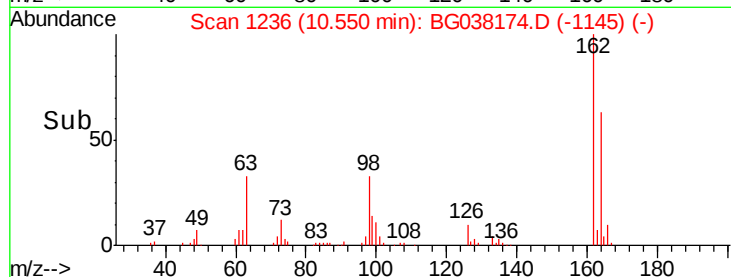
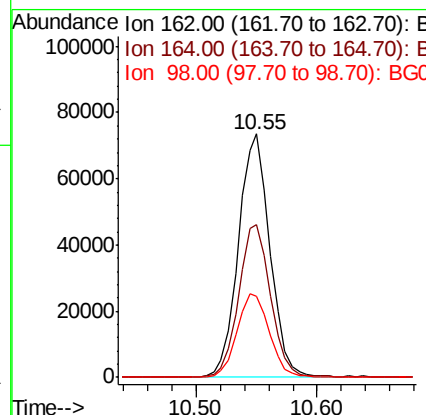
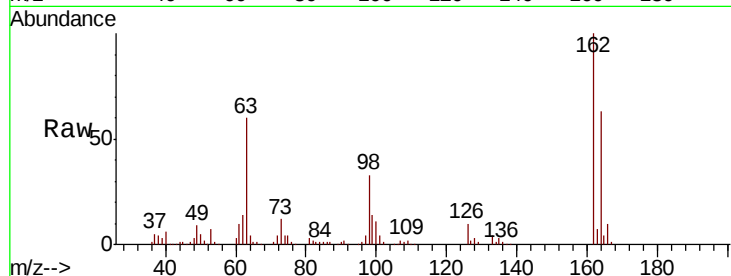
#29
2,4-Dichlorophenol
Concen: 44.968 ng
RT: 10.55 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.9	43.2	83.2
98	33.4	16.0	56.0

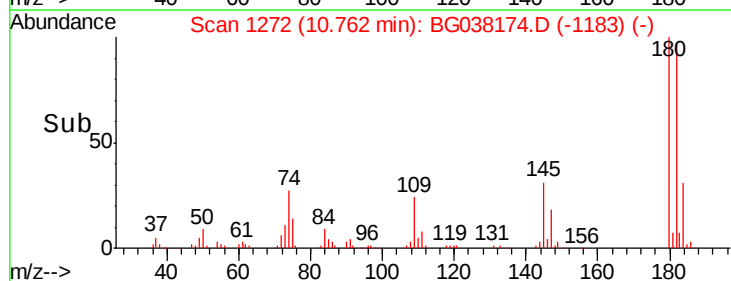
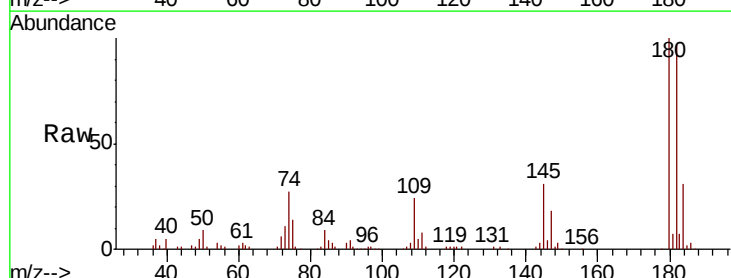
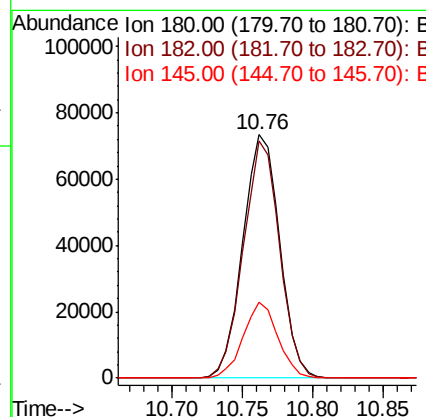
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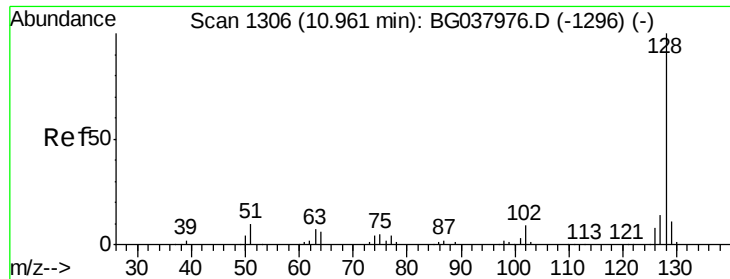
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#30
1,2,4-Trichlorobenzene
Concen: 40.352 ng
RT: 10.76 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.4	77.7	116.5
145	31.4	23.3	34.9





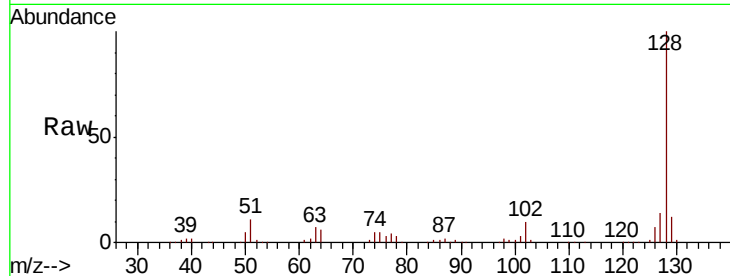
#31
Naphthalene
Concen: 46.064 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	14.0	11.1	16.7

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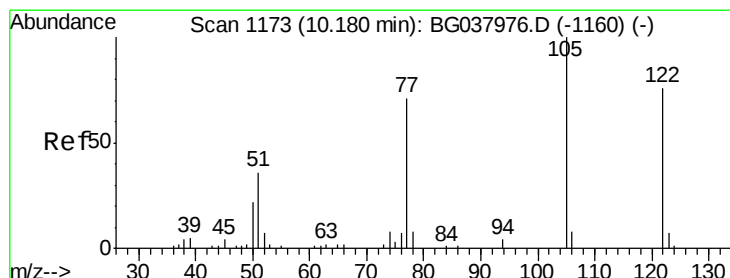
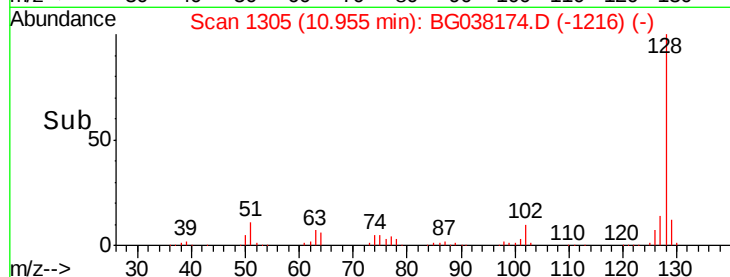
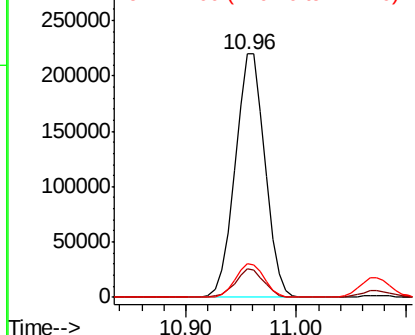


Abundance

Ion 128.00 (127.70 to 128.70): E

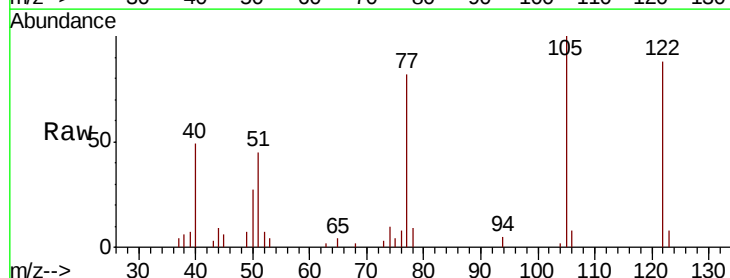
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 20.444 ng m
RT: 10.16 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.9	106.7	146.7
77	93.1	72.2	112.2

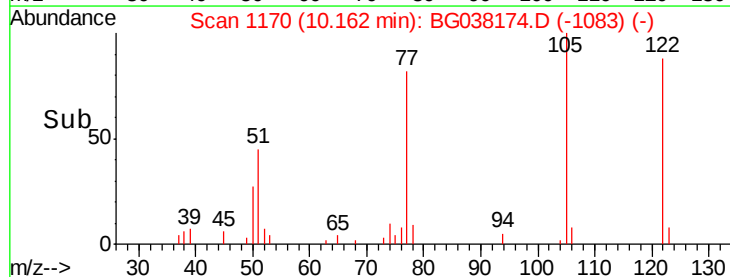
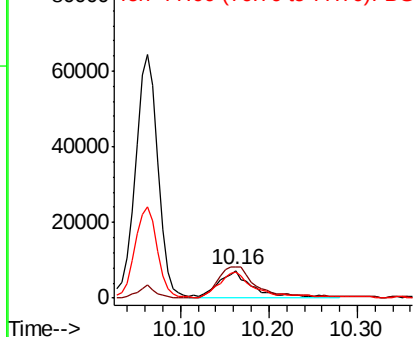


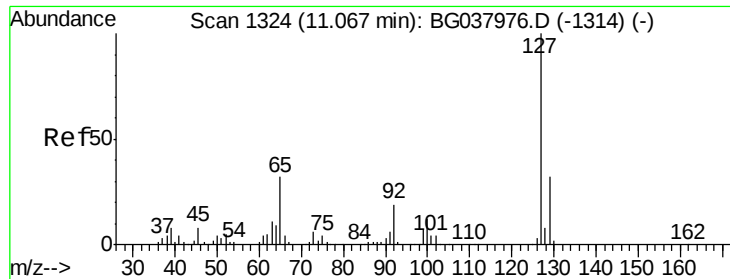
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





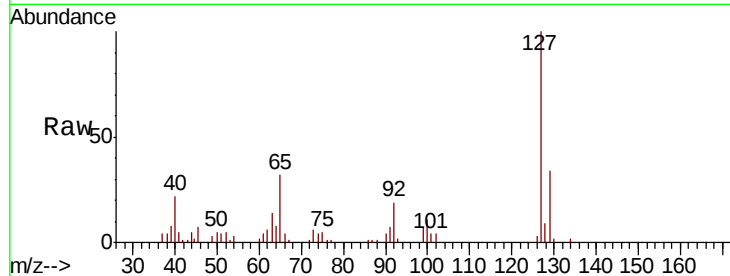
#33
4-Chloroaniline
Concen: 8.544 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.7	27.1	40.7
65	31.7	26.6	39.8
92	19.3	16.4	24.6

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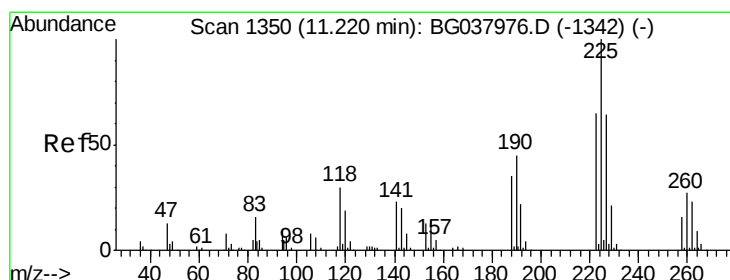
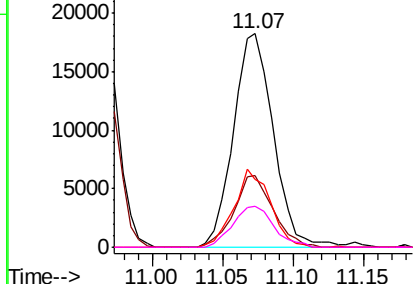
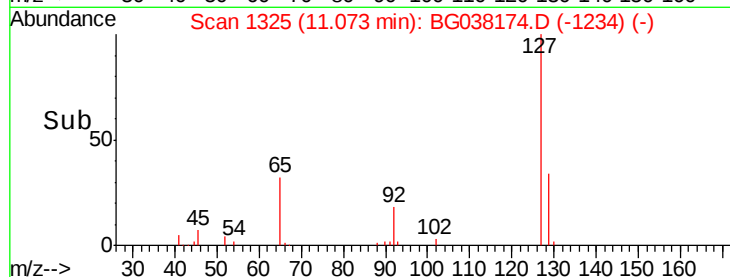
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

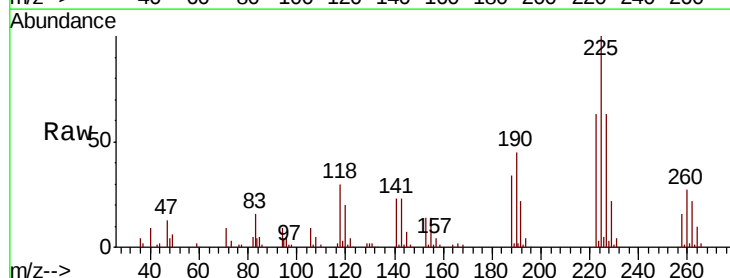
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 36.414 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	48.2	72.4
227	63.7	51.6	77.4

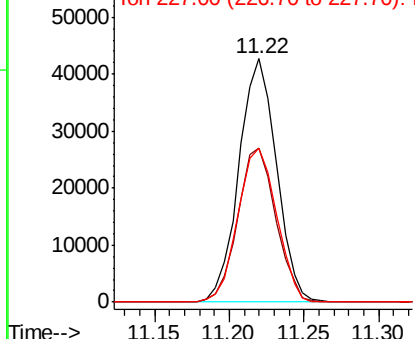
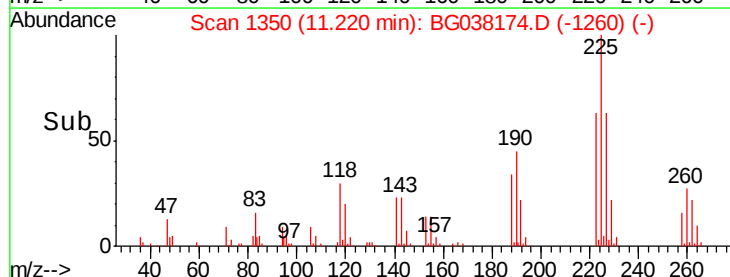


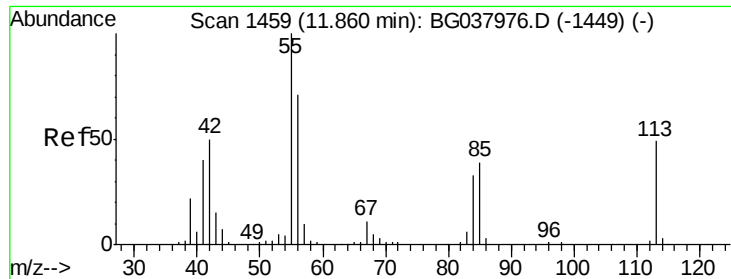
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





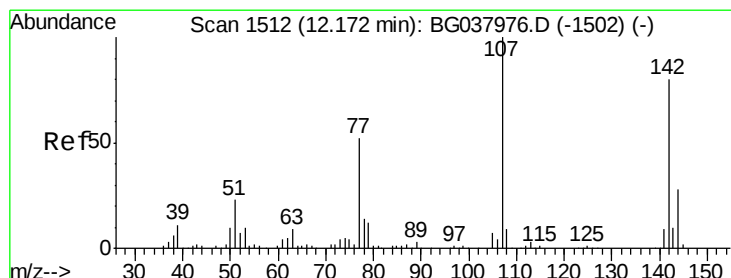
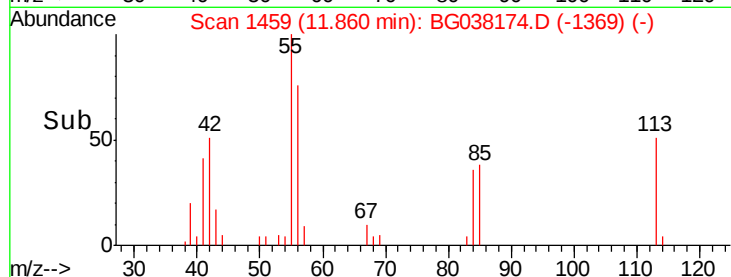
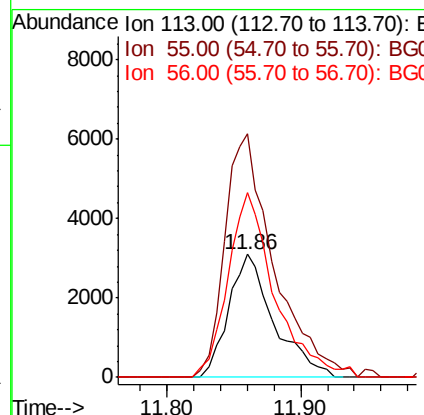
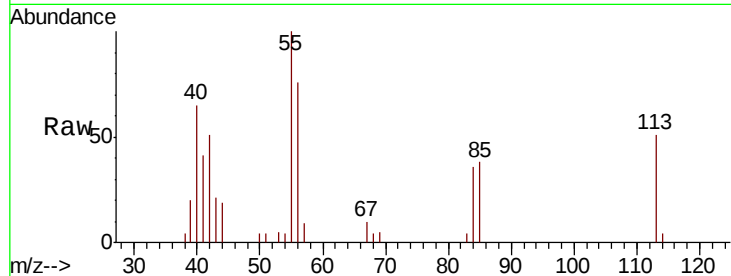
#35
 Caprolactam
 Concen: 6.151 ng
 RT: 11.86 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	197.8	176.6	216.6
56	149.9	128.3	168.3

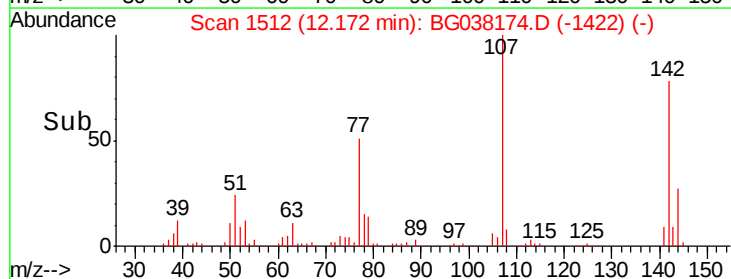
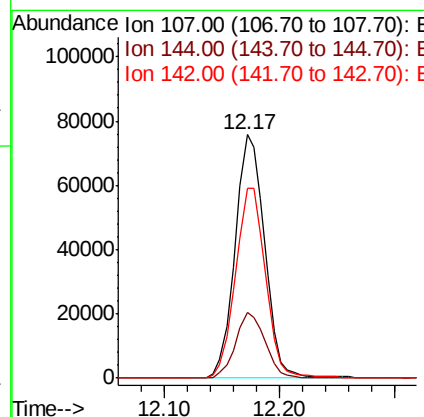
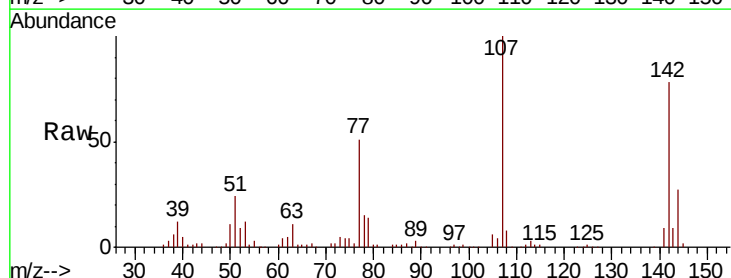
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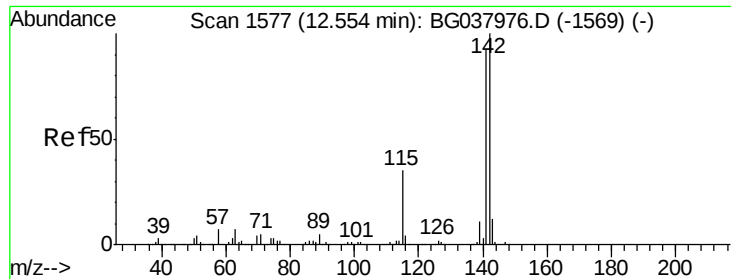
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#36
 4-Chloro-3-methylphenol
 Concen: 41.389 ng
 RT: 12.17 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	20.7	31.1
142	77.9	64.4	96.6





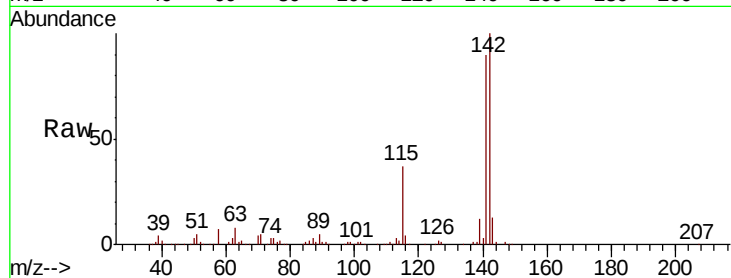
#37
2-Methylnaphthalene
Concen: 48.179 ng
RT: 12.55 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
115	37.4	27.8	41.8

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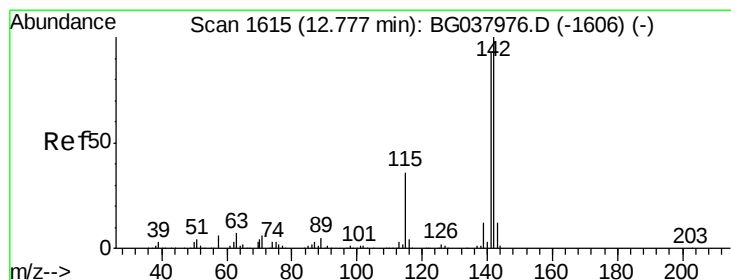
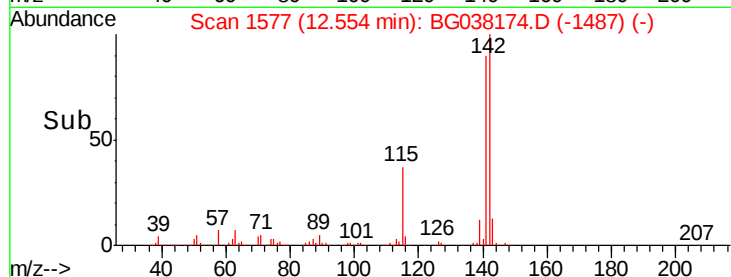
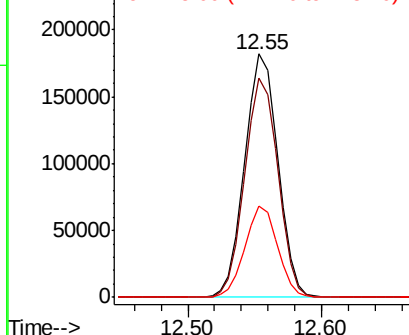


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.683 ng
RT: 12.78 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

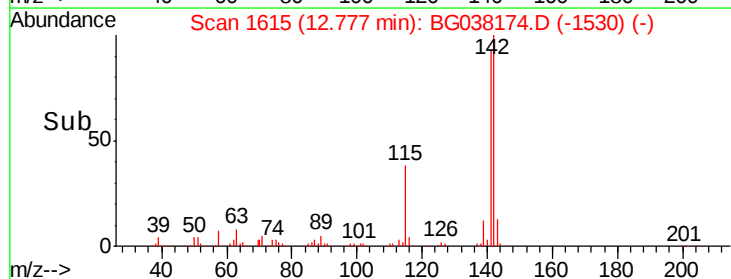
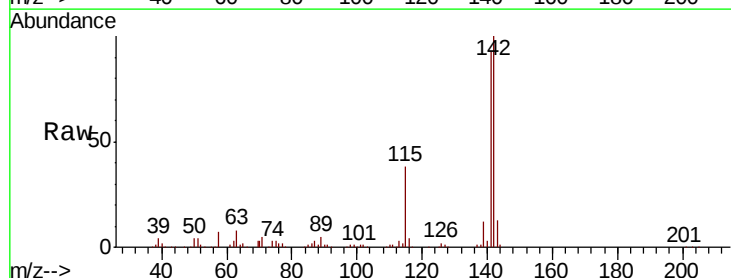
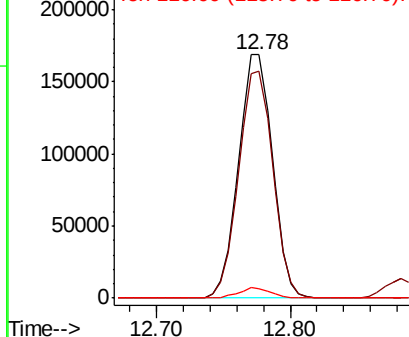
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.2	112.8
116	4.1	3.3	4.9

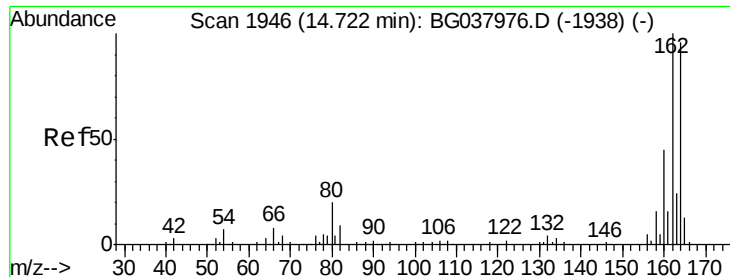
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Instrument :

BNA_G

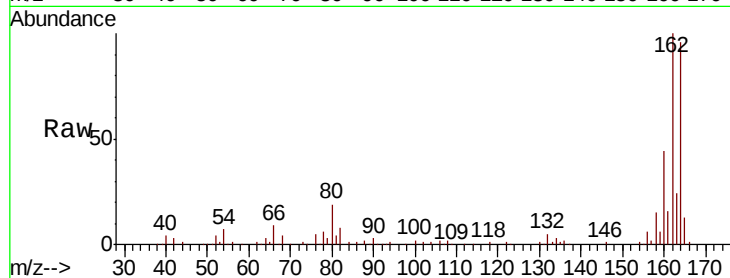
ClientSampleId :

EP2-MW-101MSD

Tgt Ion:	164	Resp:	116180
Ion Ratio	Lower	Upper	
164	100		
162	104.2	81.3	121.9
160	45.6	36.3	54.5

Manual Integrations
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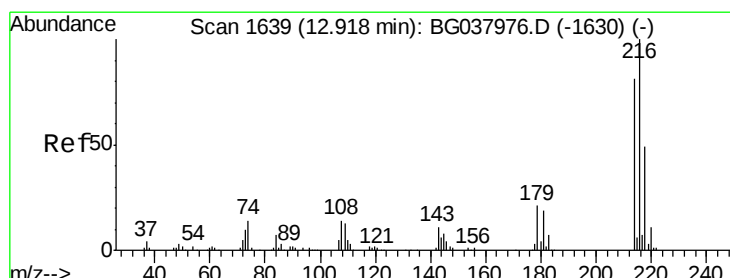
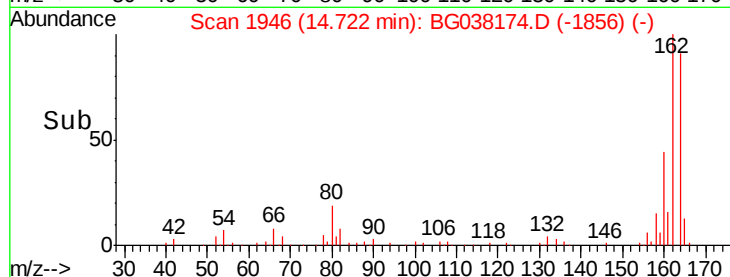
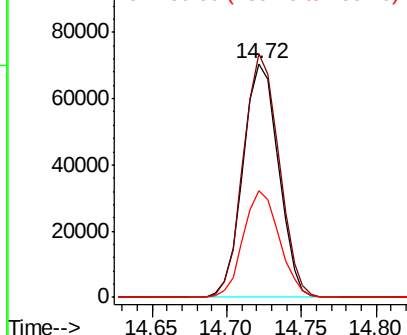


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.305 ng

RT: 12.92 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Tgt Ion:	216	Resp:	164237
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.8	95.6
179	21.5	17.4	26.0
108	19.6	13.9	20.9

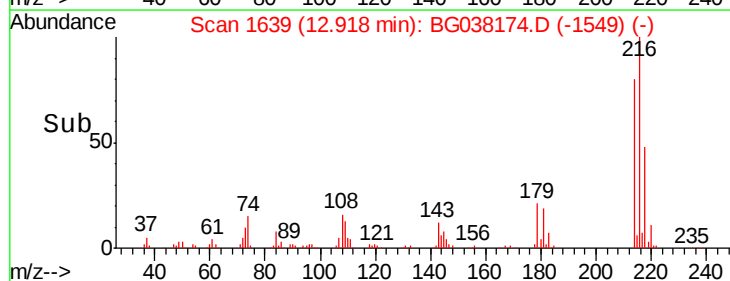
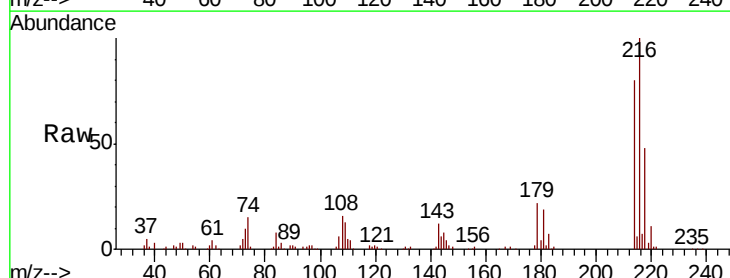
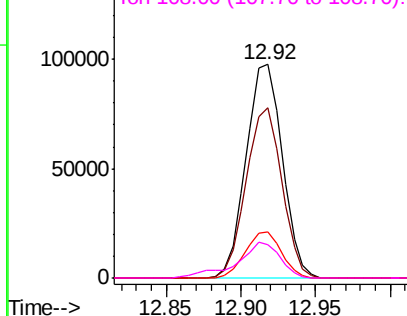
Abundance

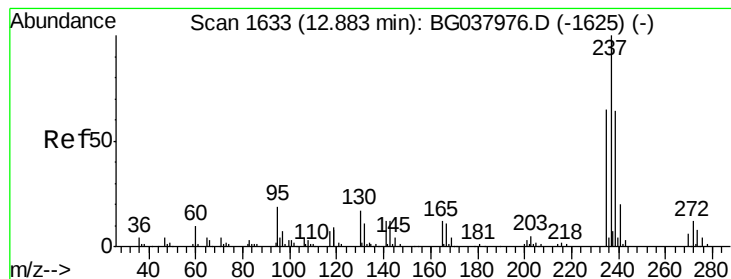
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.311 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Instrument :

BNA_G

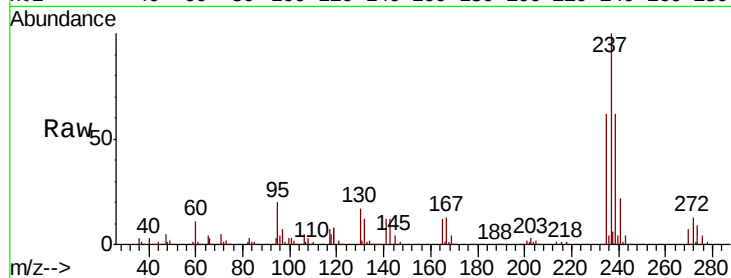
ClientSampleId :

EP2-MW-101MSD

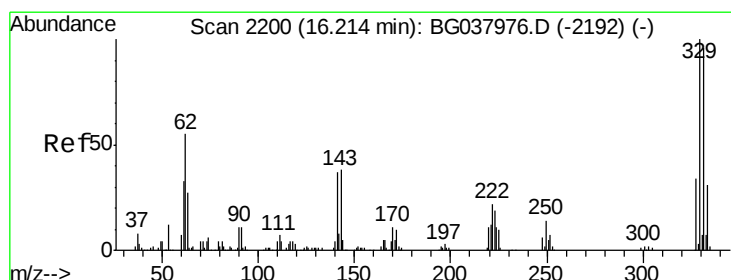
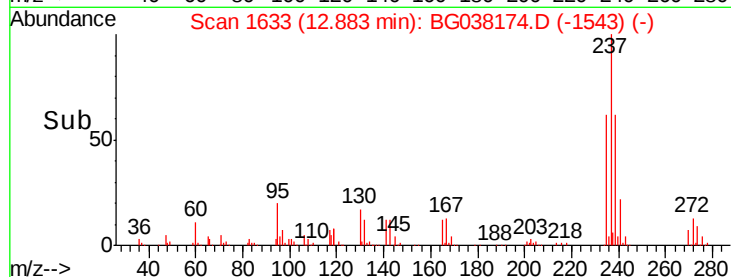
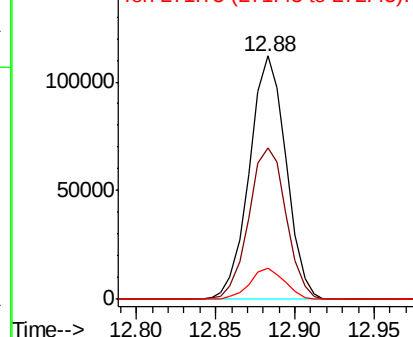
Tgt Ion:	237	Resp:	179425
Ion Ratio		Lower	Upper
237	100		
235	62.4	42.5	82.5
272	12.6	0.0	31.6

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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: 113.194 ng

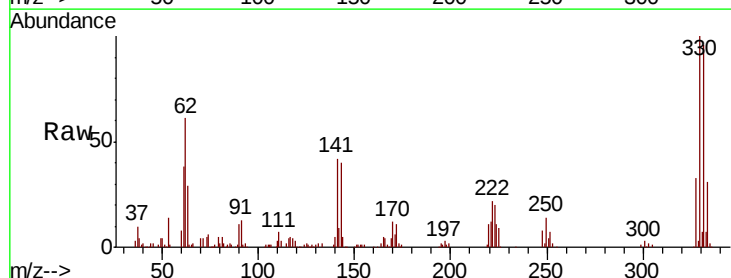
RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

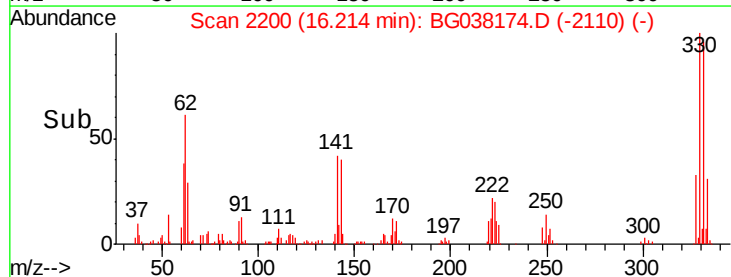
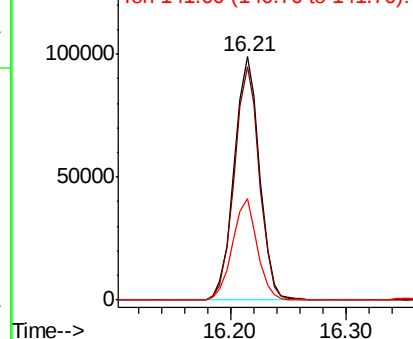
Lab File: BG038174.D

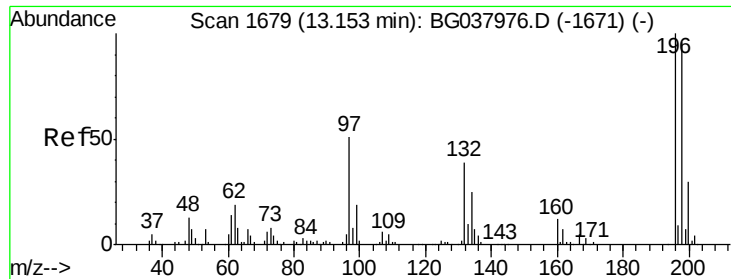
Acq: 27 Nov 2018 19:37

Tgt Ion:	330	Resp:	149982
Ion Ratio		Lower	Upper
330	100		
332	95.1	78.4	117.6
141	40.6	32.2	48.2



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





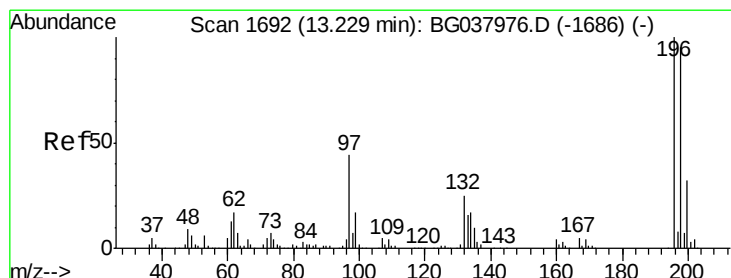
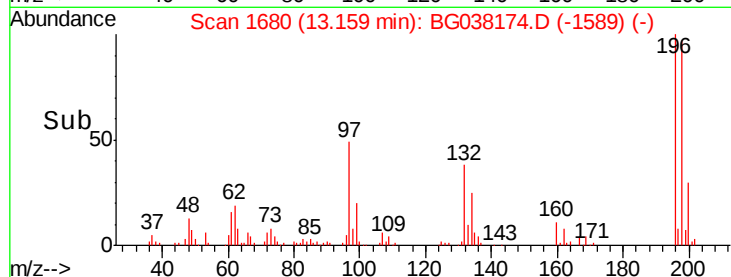
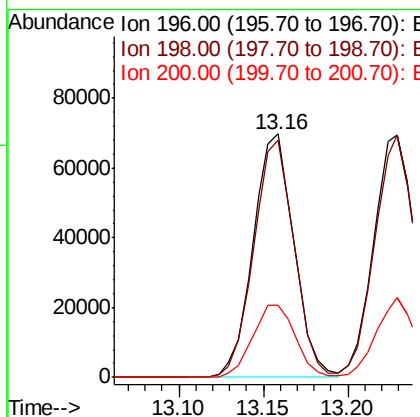
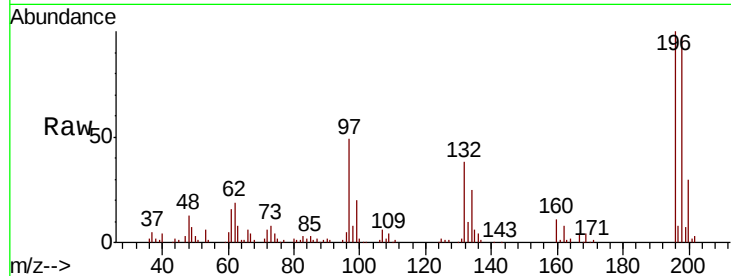
#43
 2,4,6-Trichlorophenol
 Concen: 44.364 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. 0.01 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 EP2-MW-101MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	117363		
198	97.3	76.4	114.6	
200	29.8	24.9	37.3	

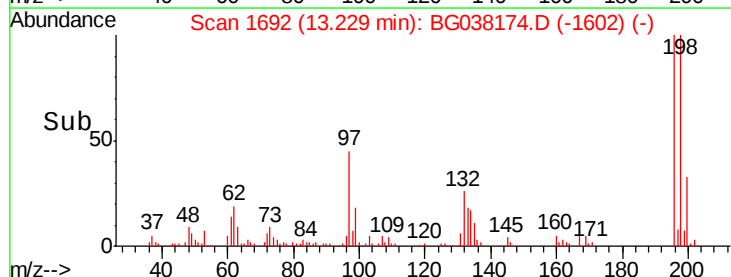
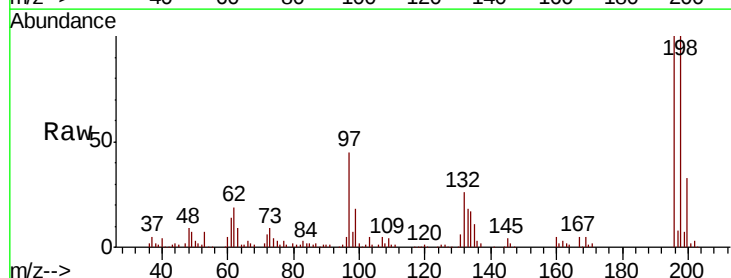
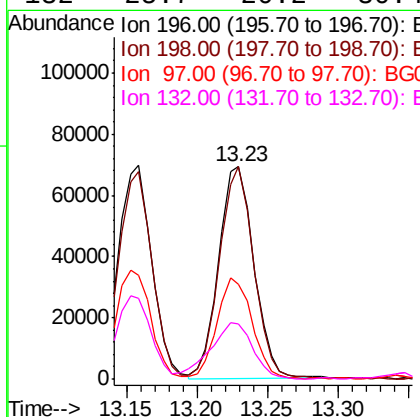
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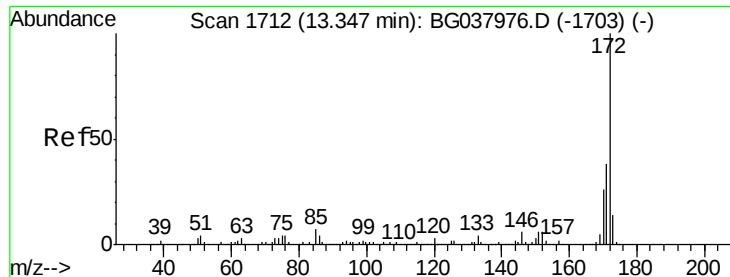
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.259 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	120413		
198	99.9	74.2	111.2	
97	44.6	34.1	51.1	
132	25.7	20.2	30.4	





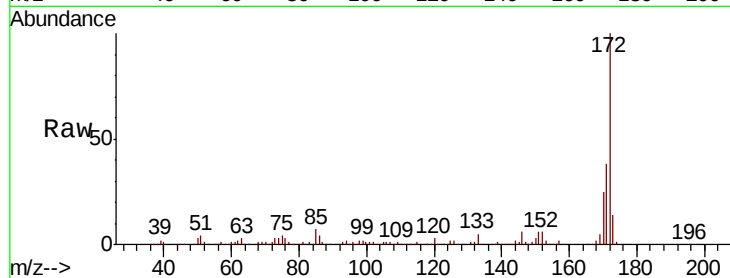
#45
2-Fluorobiphenyl
Concen: 73.805 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	588574		
171	38.3		31.0	46.4
170	25.2		20.2	30.2

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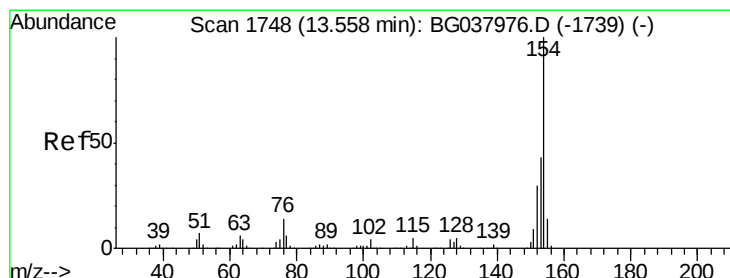
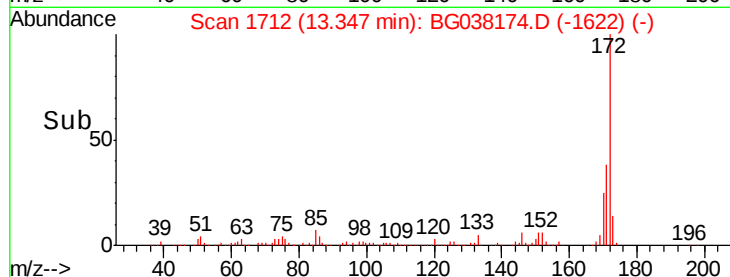
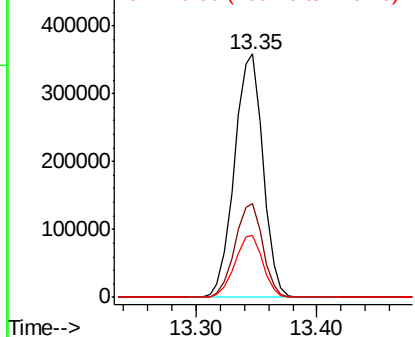


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.931 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

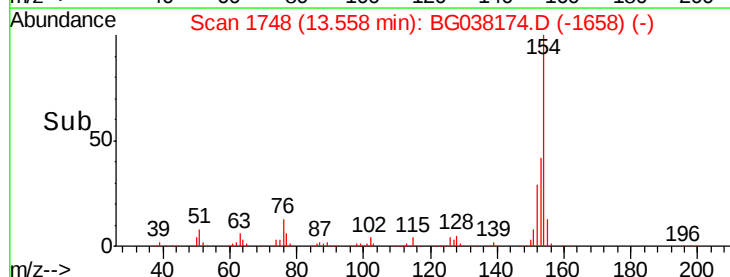
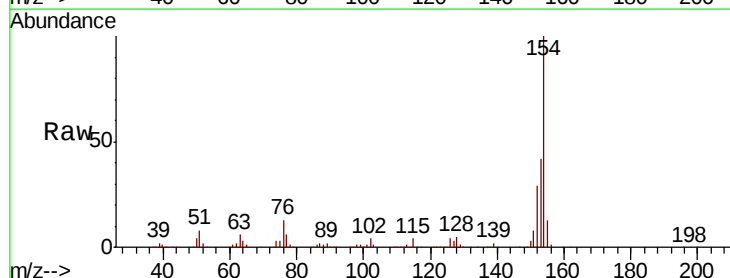
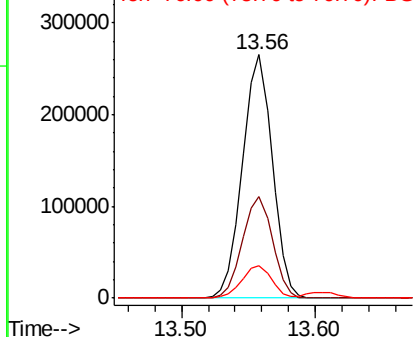
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	409266		
153	41.8		22.1	62.1
76	13.2		0.0	33.2

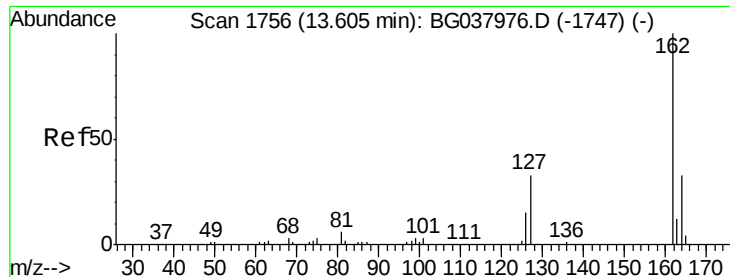
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





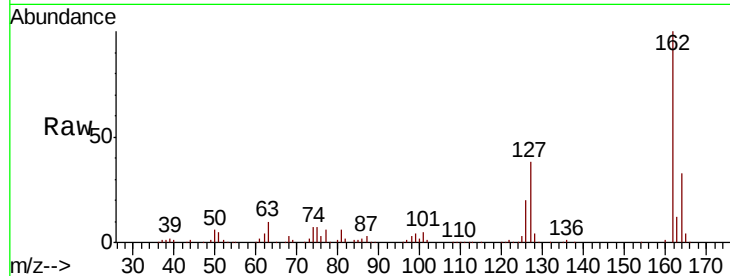
#47
 2-Chloronaphthalene
 Concen: 43.082 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.5	45.7
164	33.0	26.4	39.6

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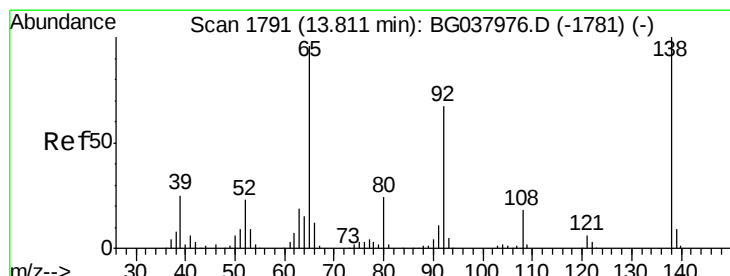
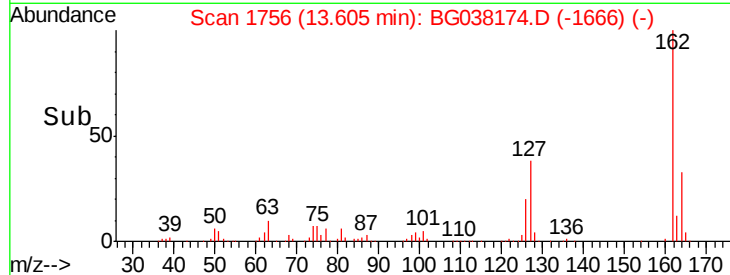
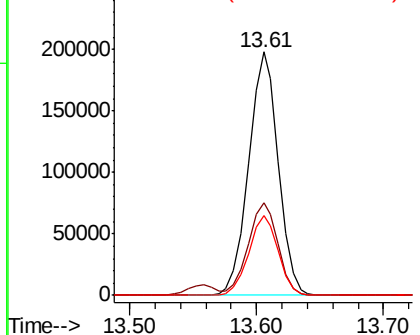


Abundance

Ion 162.00 (161.70 to 162.70): E

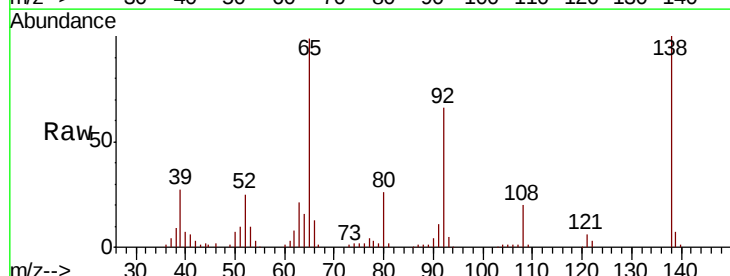
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 43.750 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	53.2	79.8
138	101.4	79.3	118.9

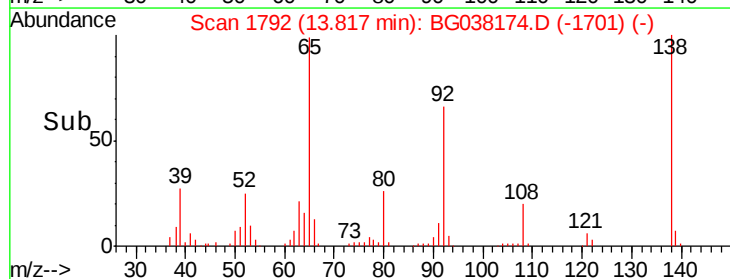
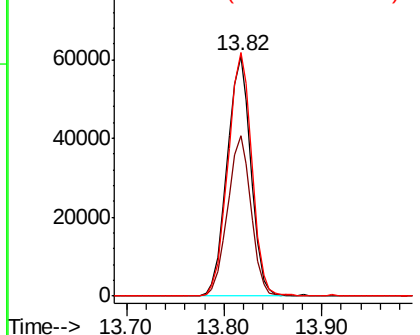


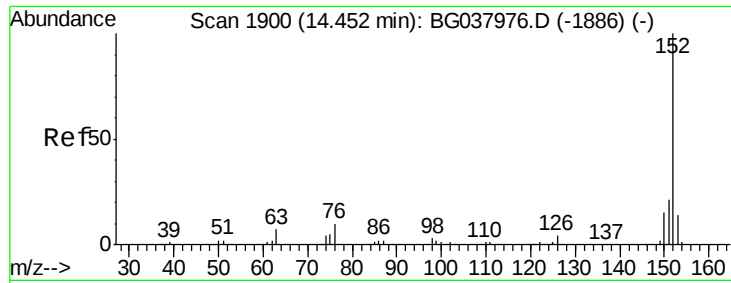
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





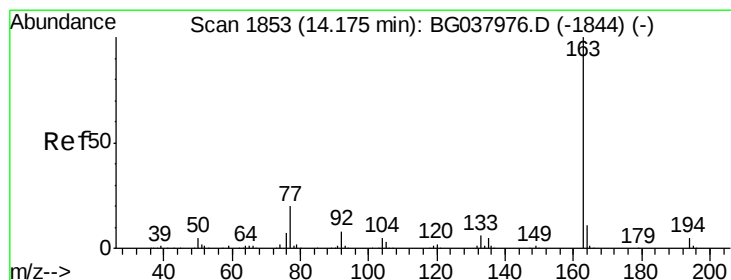
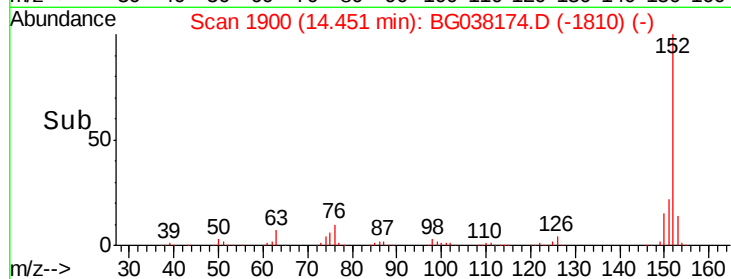
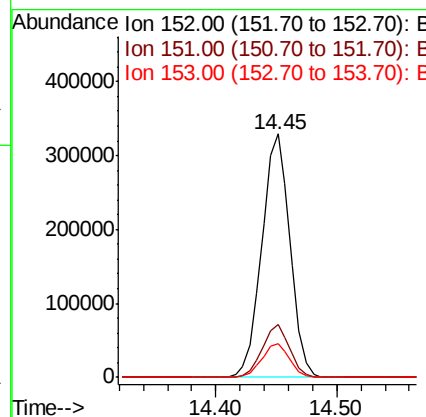
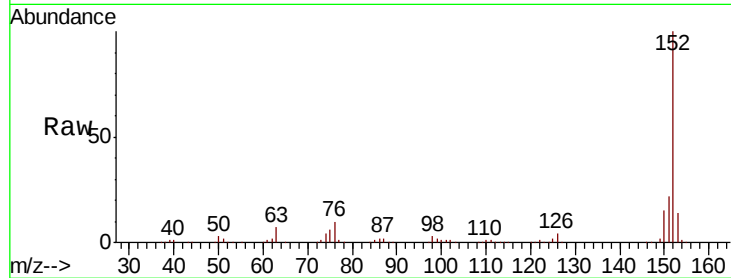
#49
Acenaphthylene
Concen: 47.814 ng
RT: 14.45 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	21.5	17.1	25.7
153	14.1	11.1	16.7

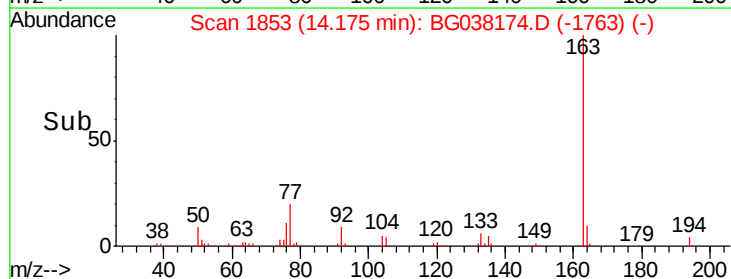
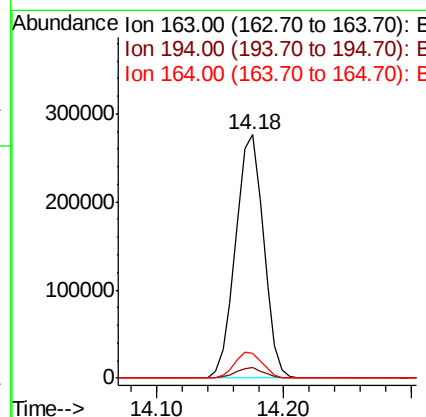
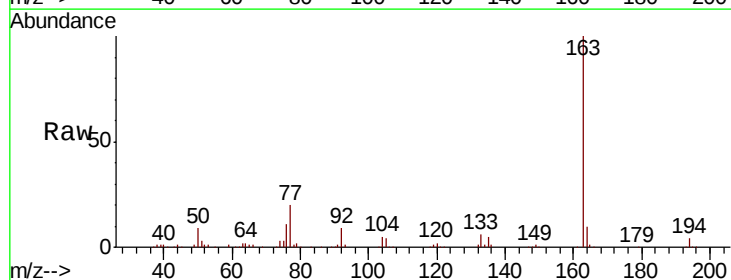
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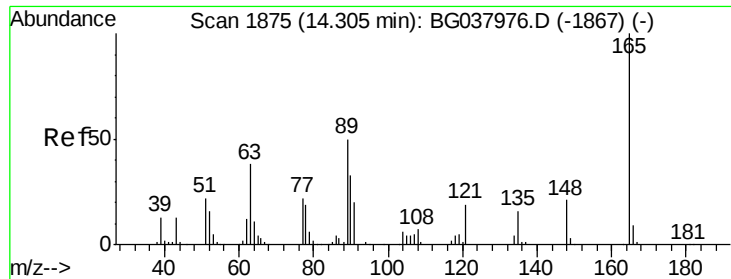
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#50
Dimethylphthalate
Concen: 45.728 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.4	3.5	5.3
164	10.2	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 46.497 ng

RT: 14.30 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Instrument :

BNA_G

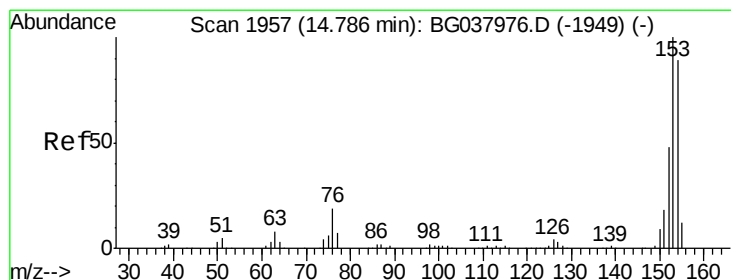
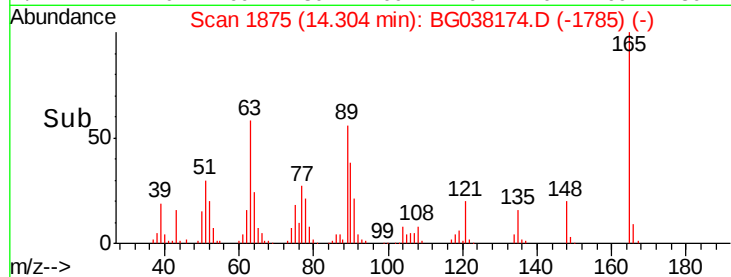
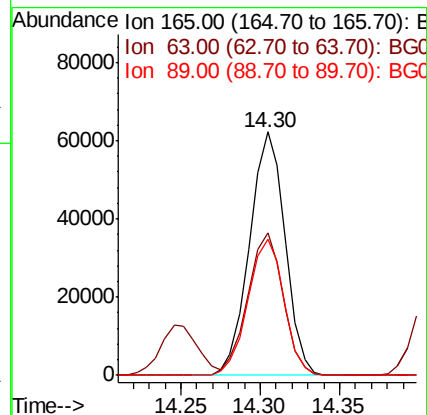
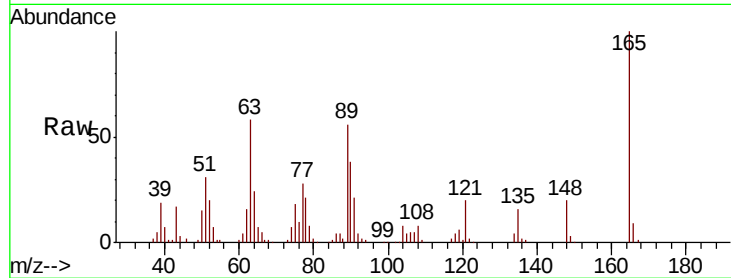
ClientSampleId :

EP2-MW-101MSD

Tgt Ion:	165	Resp:	96926
Ion Ratio	Lower	Upper	
165	100		
63	58.4	43.4	65.2
89	56.0	45.8	68.6

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#52

Acenaphthene

Concen: 46.279 ng

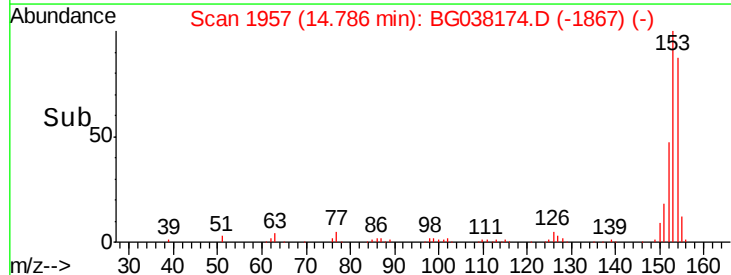
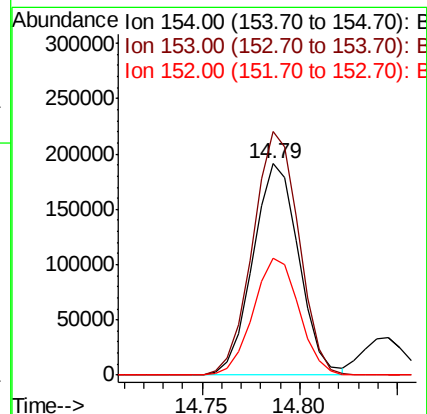
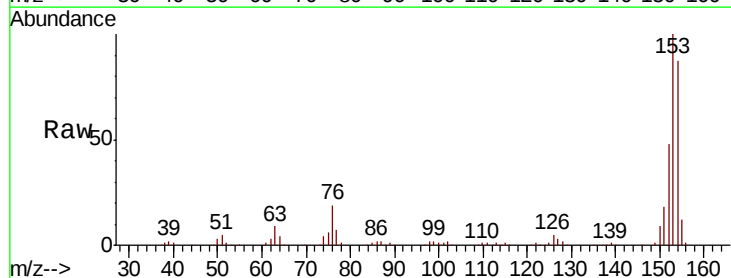
RT: 14.79 min Scan# 1957

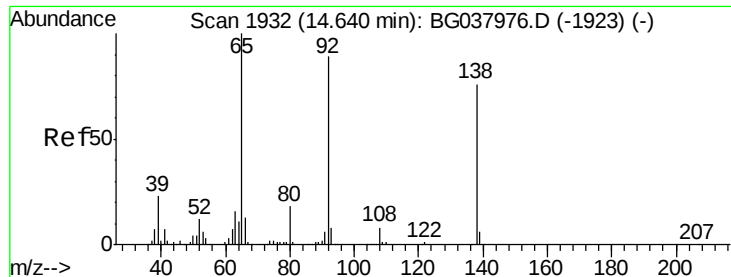
Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Tgt Ion:	154	Resp:	312051
Ion Ratio	Lower	Upper	
154	100		
153	115.1	93.4	140.0
152	55.3	44.7	67.1





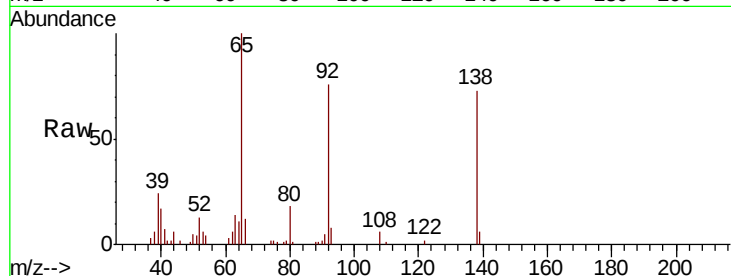
#53
3-Nitroaniline
Concen: 8.659 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

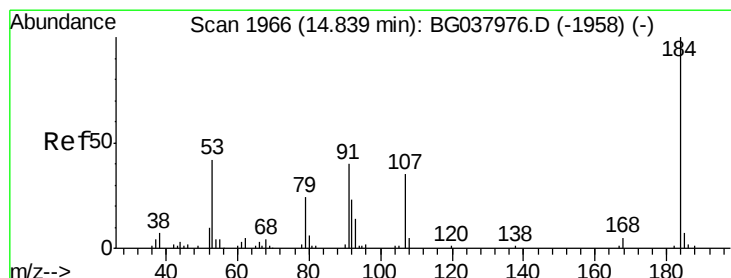
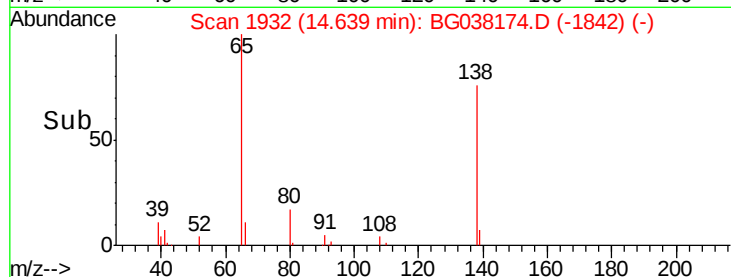
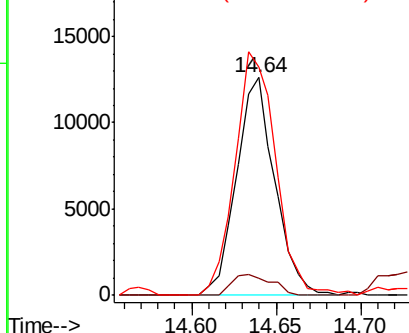
Tgt Ion	Ratio	Lower	Upper
138	100		
108	7.6	11.0	16.6#
92	104.9	95.2	142.8

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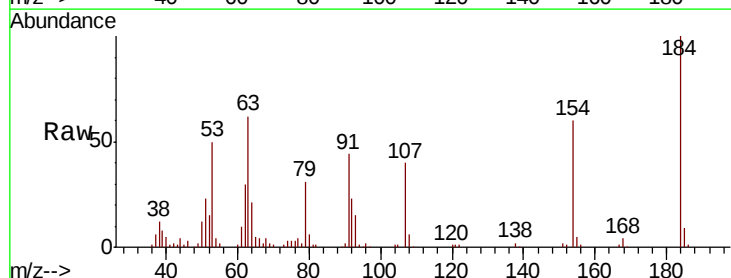


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

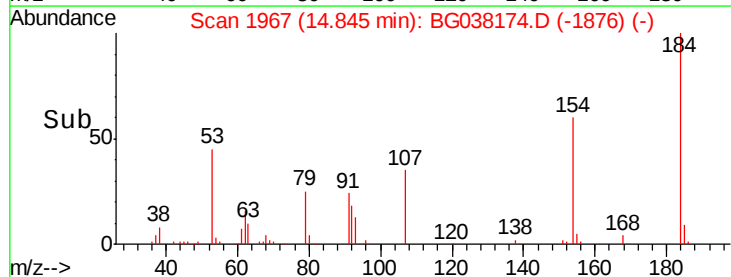
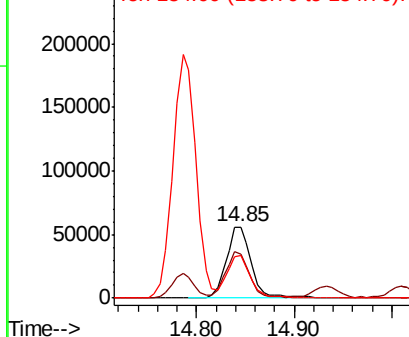


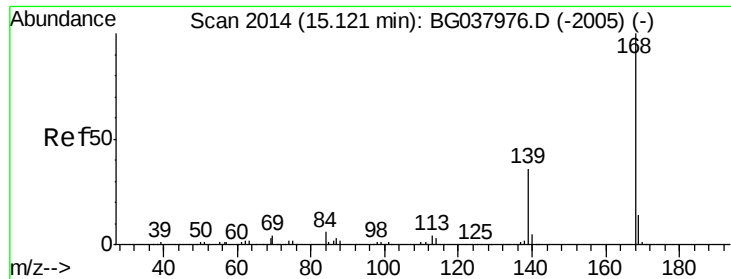
#54
2,4-Dinitrophenol
Concen: 87.129 ng
RT: 14.85 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.7	42.6	63.8
154	59.9	41.8	62.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





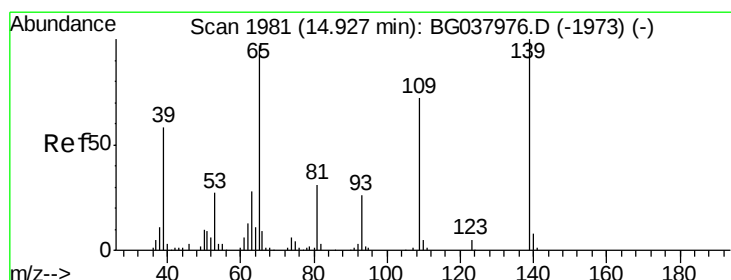
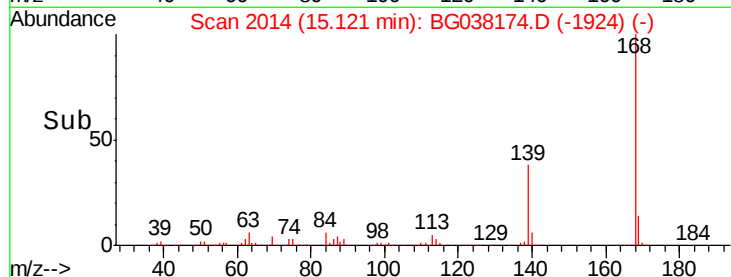
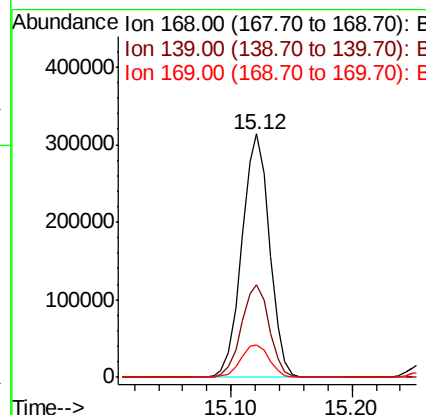
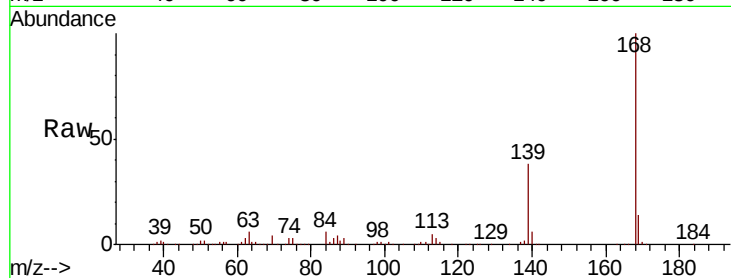
#55
Dibenzenofuran
Concen: 44.825 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	499770		
139	38.2	29.4	44.0	
169	13.6	11.0	16.6	

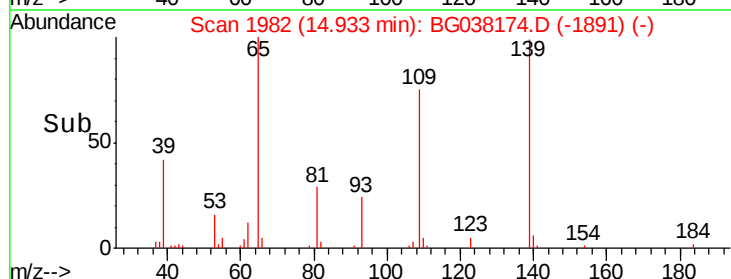
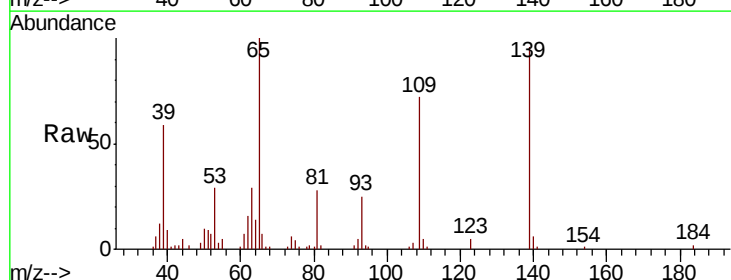
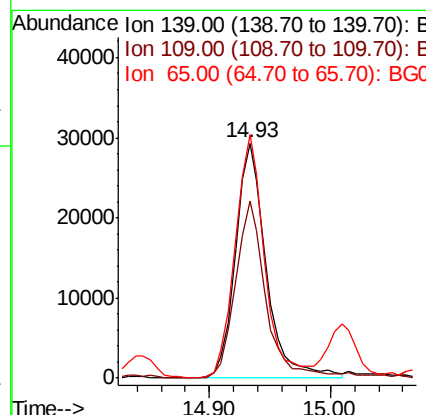
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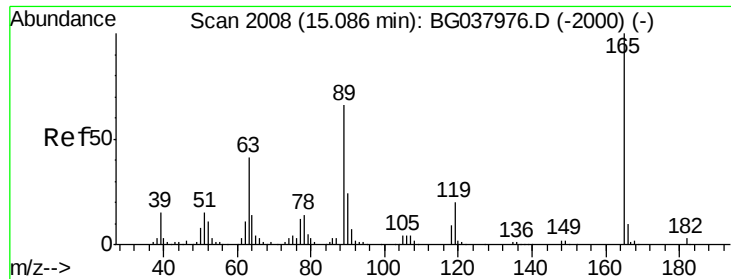
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#56
4-Nitrophenol
Concen: 29.177 ng
RT: 14.93 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	51762		
109	75.1	49.5	89.5	
65	103.7	76.8	116.8	





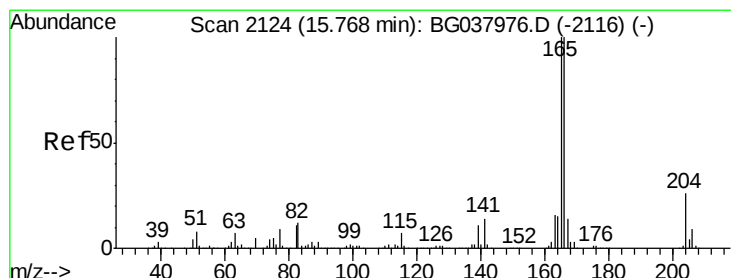
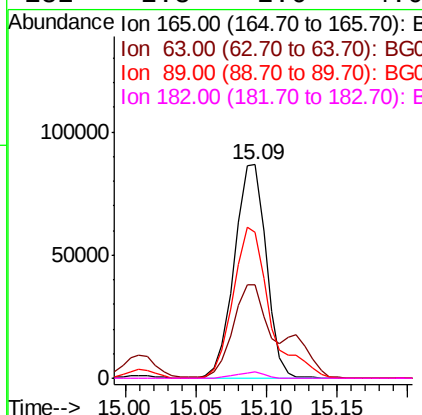
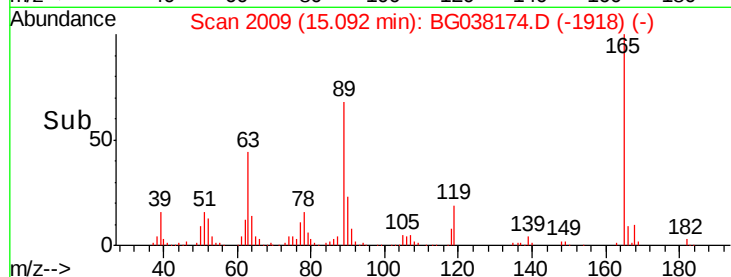
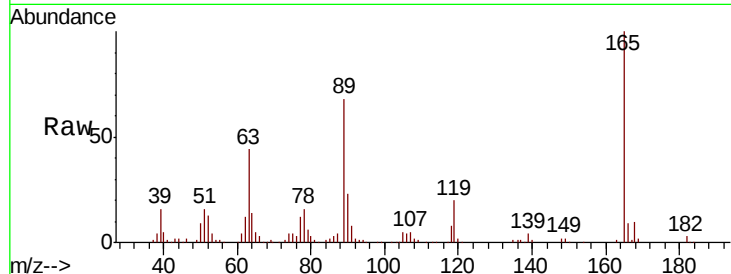
#57
2,4-Dinitrotoluene
Concen: 48.257 ng
RT: 15.09 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	136870		
63	43.8	33.4	50.0	
89	68.3	57.2	85.8	
182	2.8	2.6	4.0	

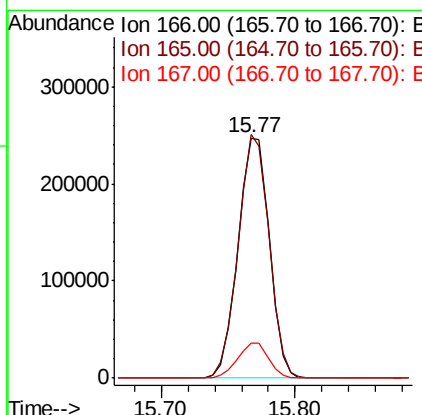
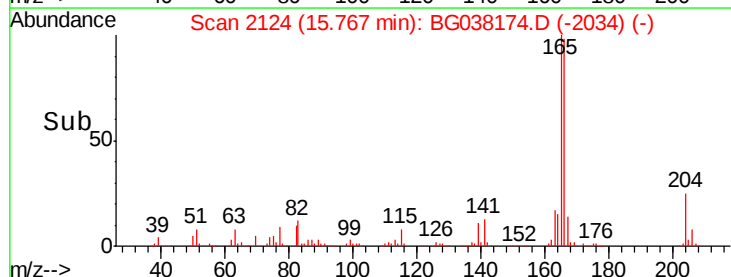
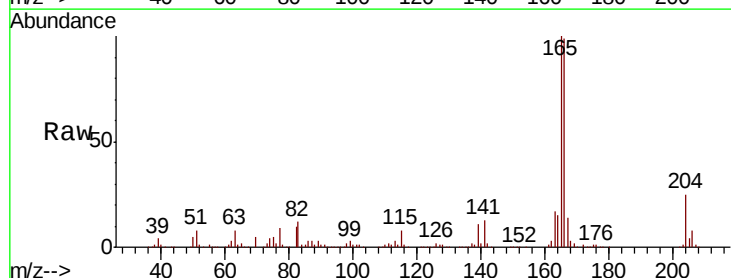
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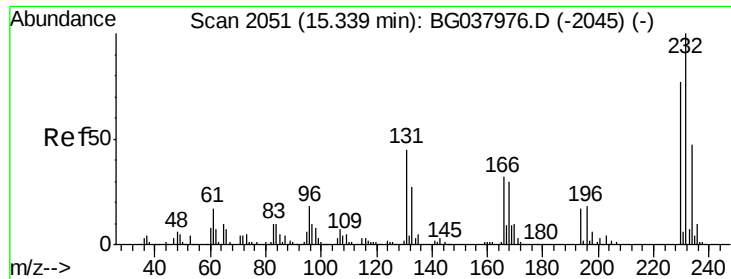
mohammad
12/3/2018 2:34:31 PM



#58
Fluorene
Concen: 48.269 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	401544		
165	101.3	79.0	118.6	
167	14.5	11.3	16.9	





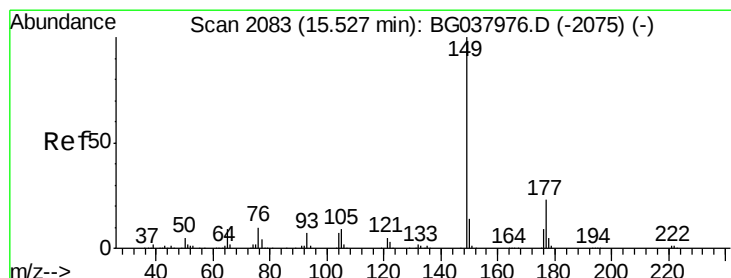
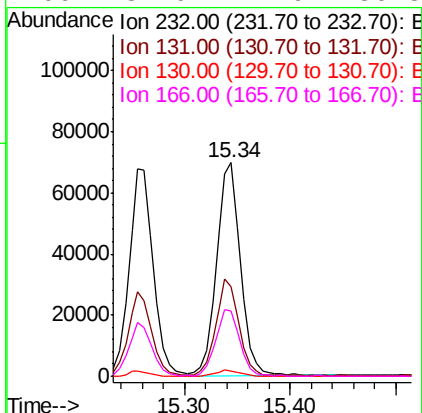
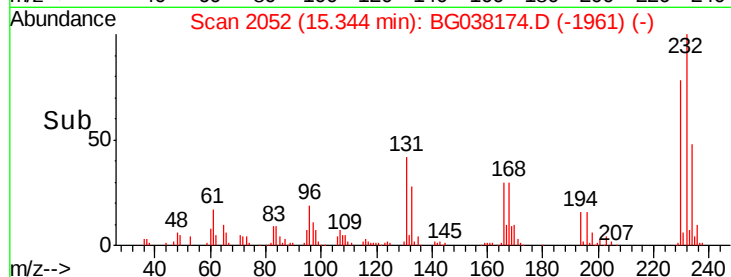
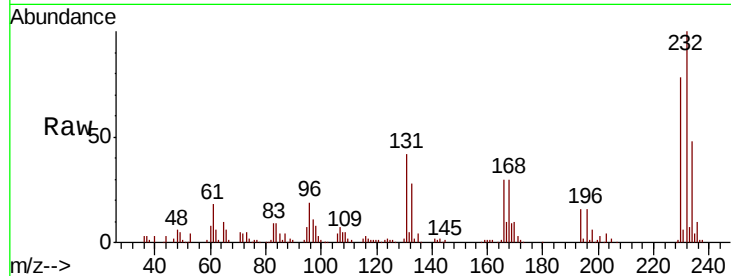
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.260 ng
RT: 15.34 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	110077		
131	43.4	33.7	50.5	
130	2.7	2.1	3.1	
166	31.9	24.6	36.8	

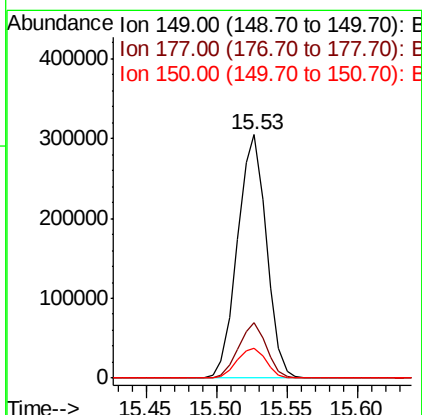
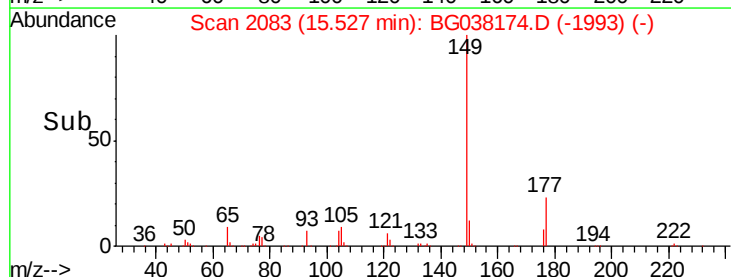
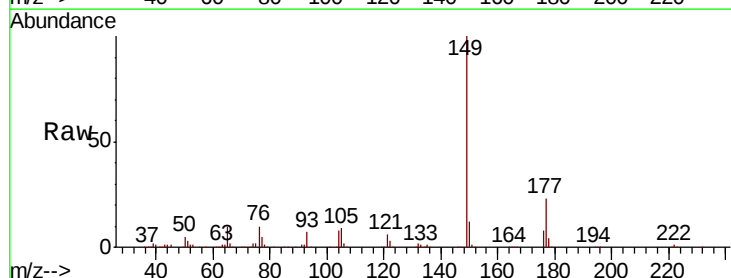
Manual Integrations
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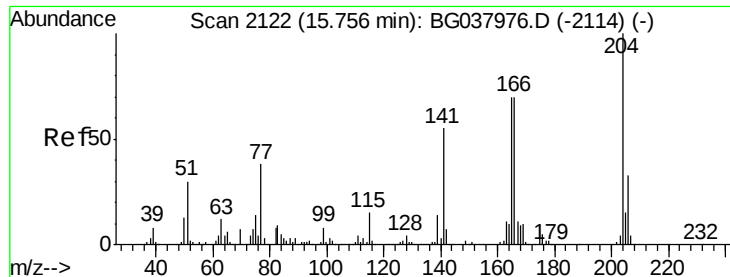
mohammad
12/3/2018 2:34:31 PM



#60
Diethylphthalate
Concen: 44.548 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	435811		
177	22.9	18.3	27.5	
150	12.5	10.0	15.0	





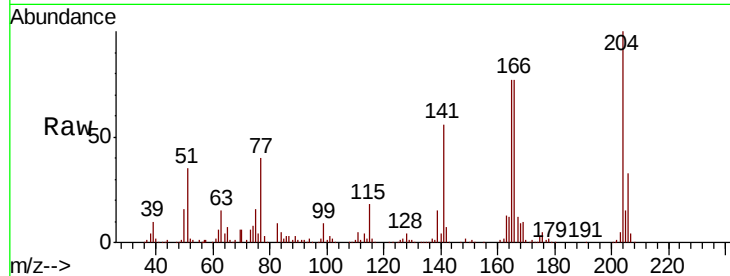
#61
 4-Chlorophenyl-phenylether
 Concen: 43.311 ng
 RT: 15.76 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	56.3	45.4	68.2

Manual Integrations
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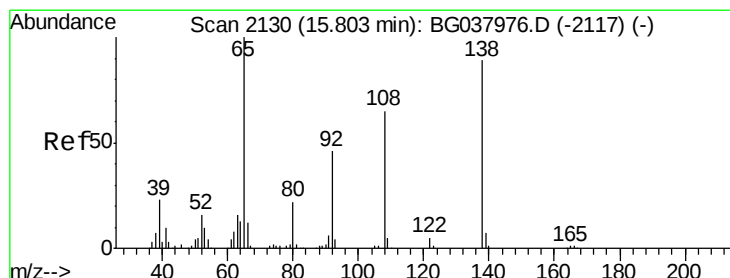
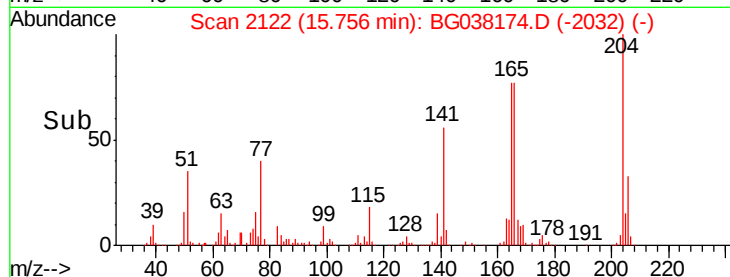
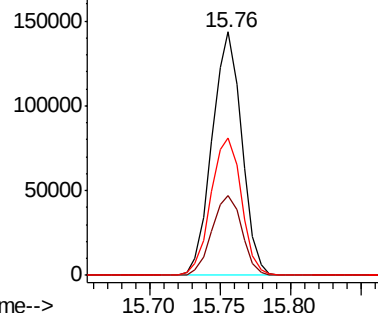


Abundance

Ion 204.00 (203.70 to 204.70): E

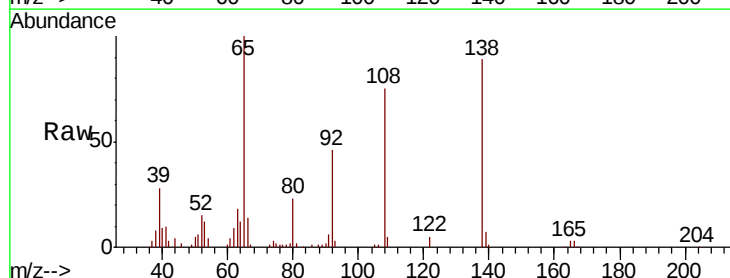
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 26.139 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.8	36.4	76.4
108	83.8	60.1	100.1

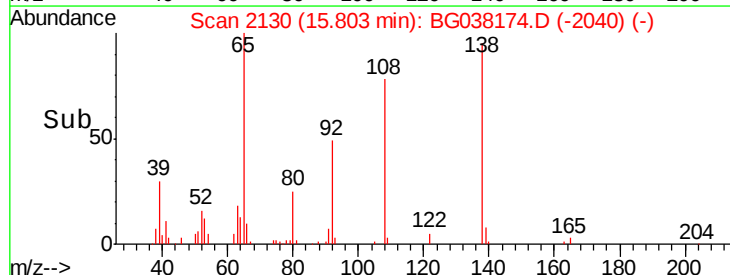
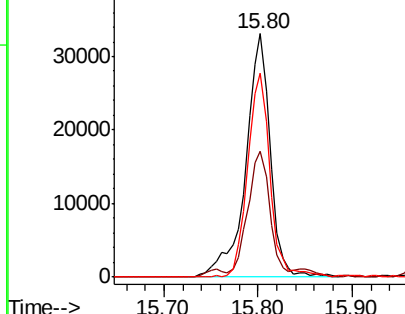


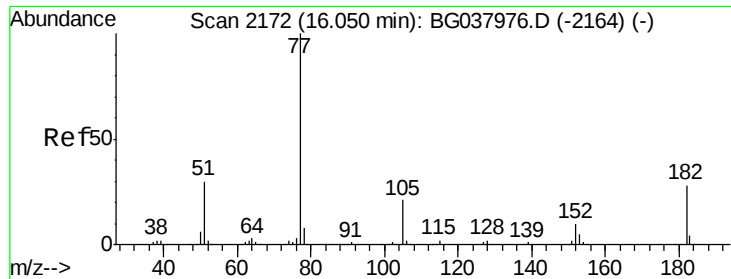
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





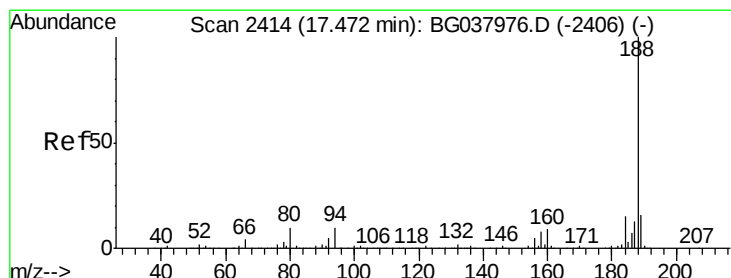
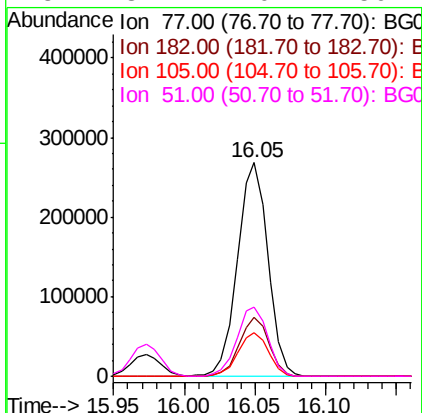
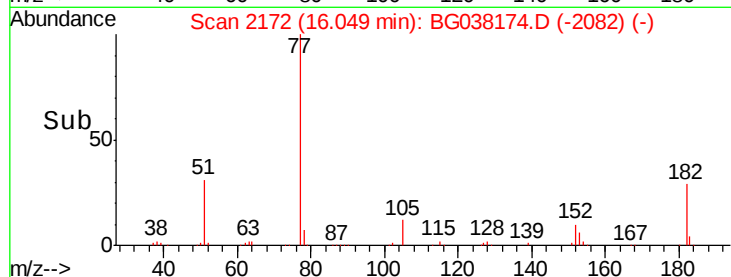
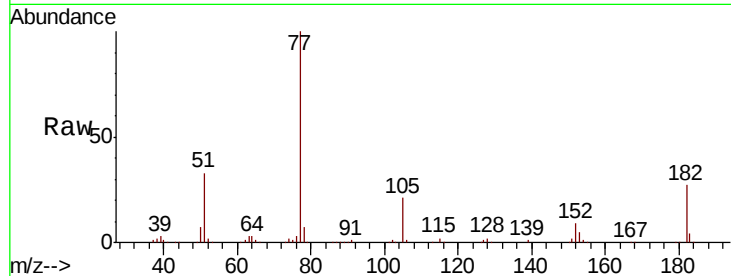
#63
Azobenzene
Concen: 46.021 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.3	8.0	48.0	
105	20.7	1.3	41.3	
51	32.7	10.7	50.7	

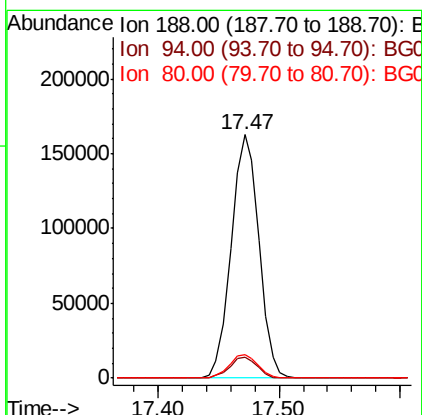
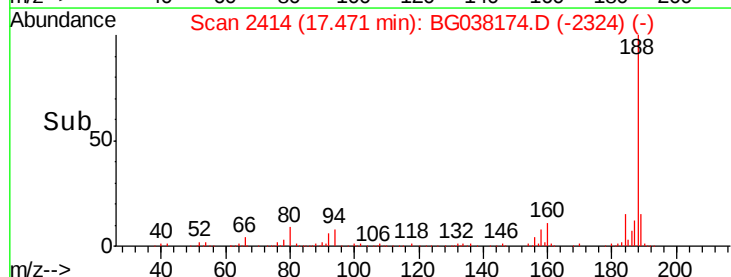
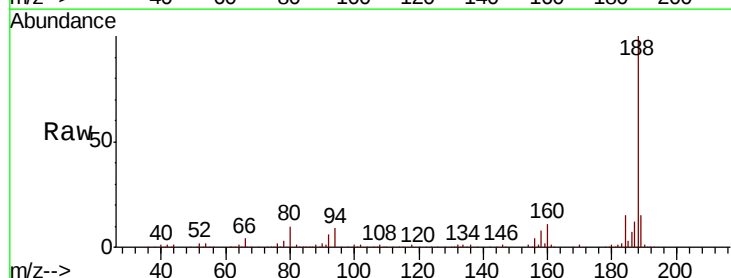
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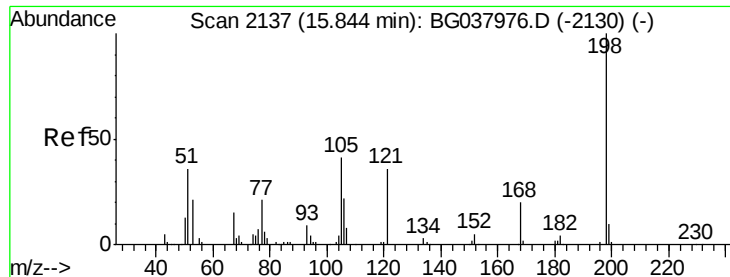
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.5	7.2	10.8	
80	9.5	7.7	11.5	





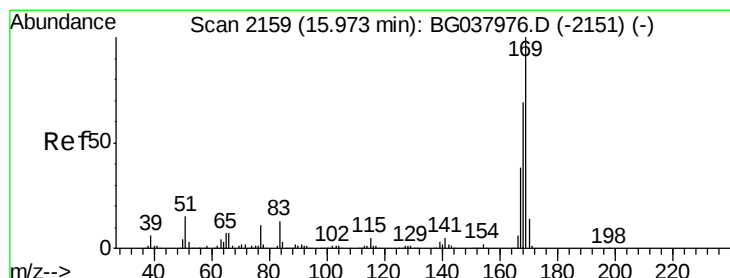
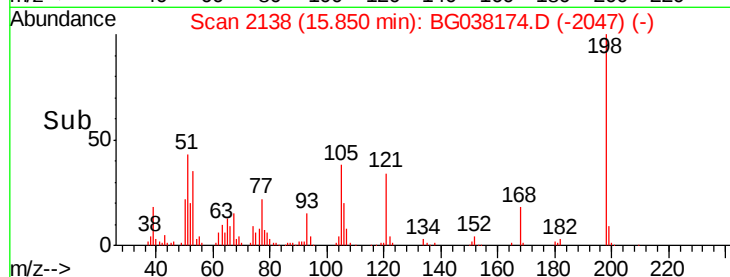
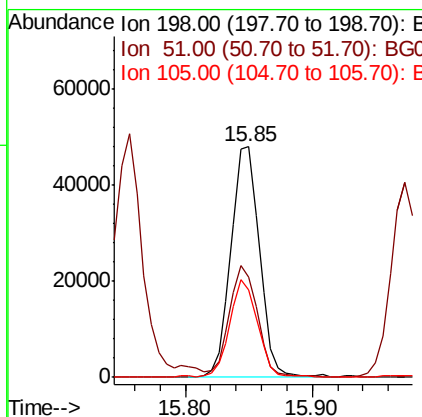
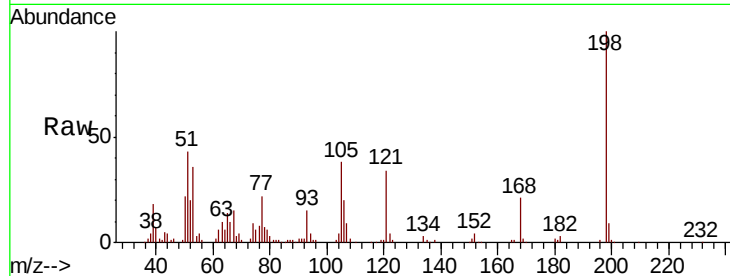
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.581 ng
 RT: 15.85 min Scan# 2138
 Delta R.T. 0.01 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.3	22.7	62.7
105	37.9	19.7	59.7

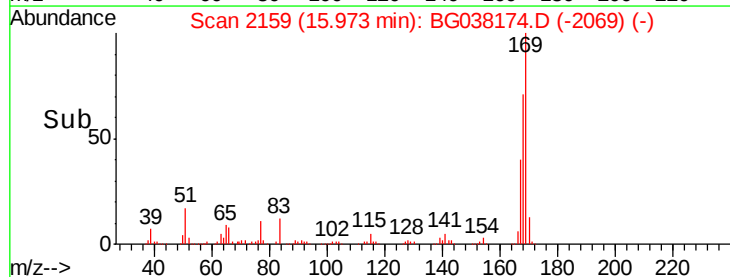
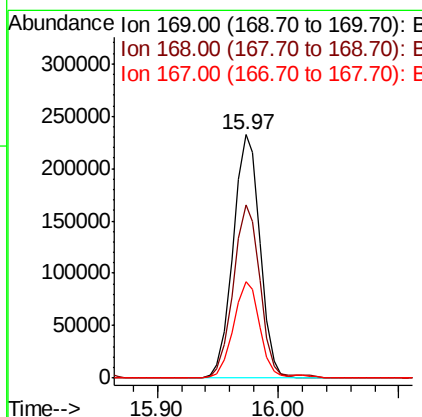
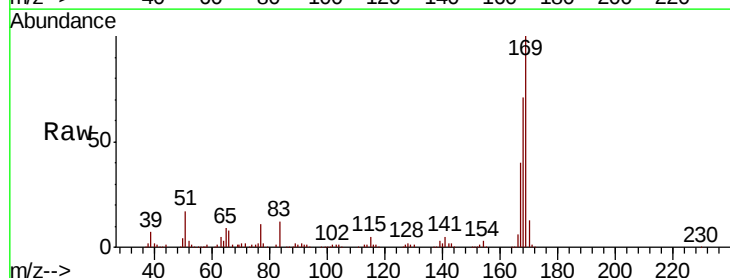
Manual Integrations
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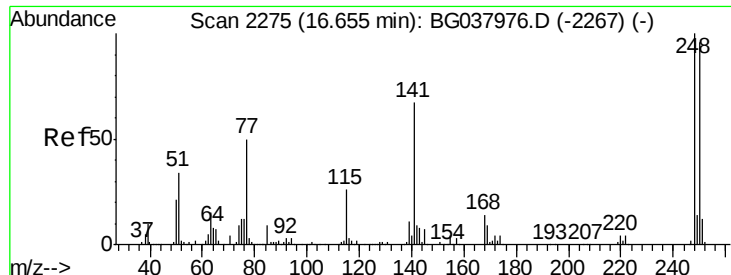
mohammad
 12/3/2018 2:34:31 PM



#66
 n-Nitrosodiphenylamine
 Concen: 45.800 ng
 RT: 15.97 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.0	55.7	83.5
167	39.8	31.3	46.9





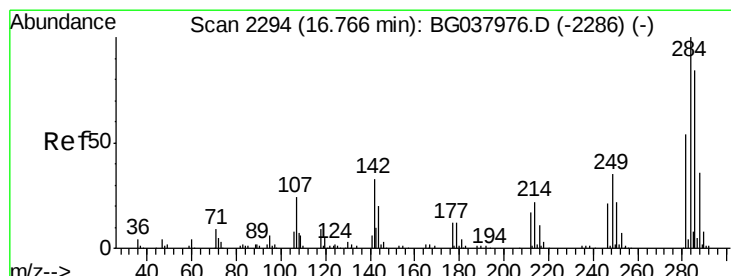
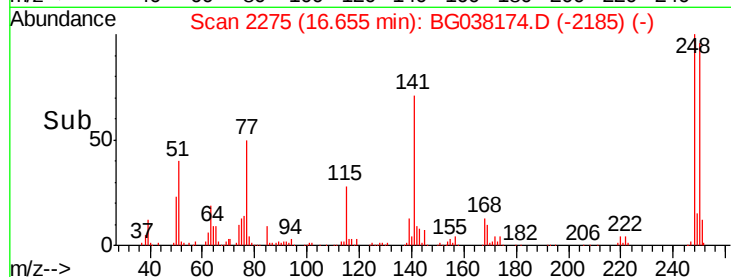
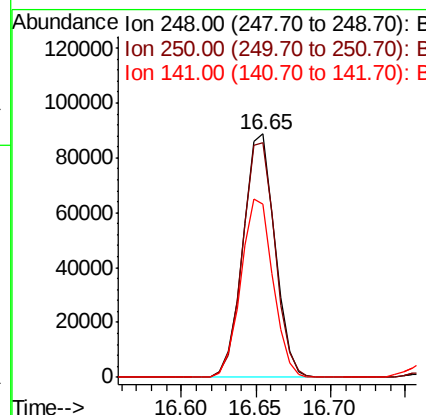
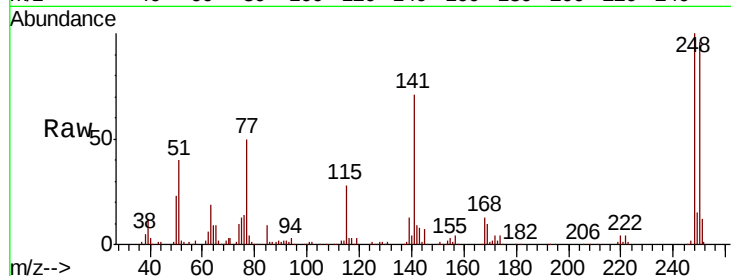
#67
 4-Bromophenyl-phenylether
 Concen: 45.950 ng
 RT: 16.65 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.0	115.6
141	71.0	55.5	83.3

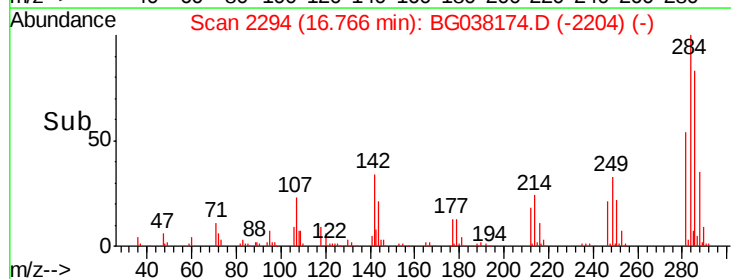
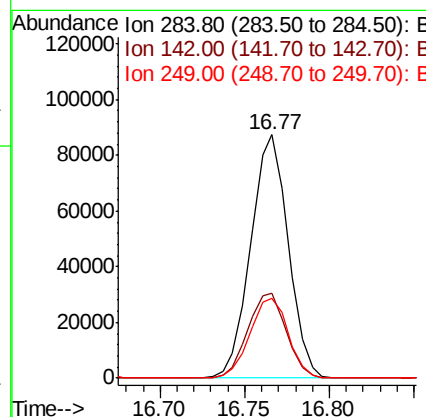
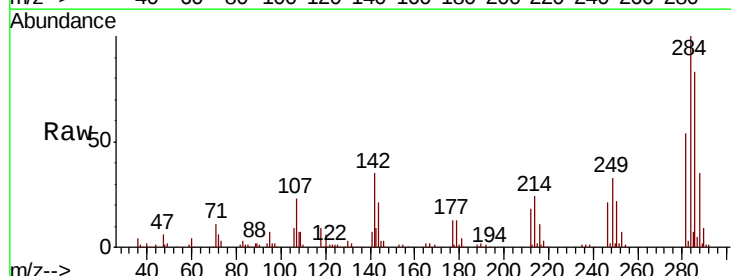
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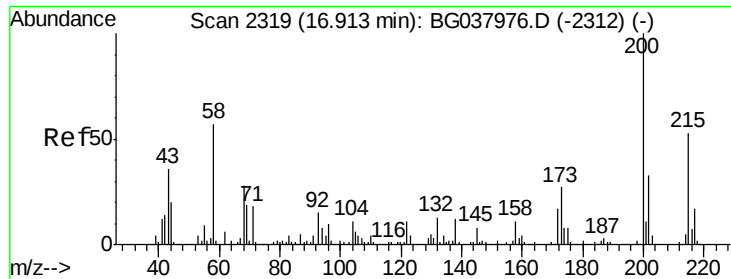
mohammad
 12/3/2018 2:34:31 PM



#68
 Hexachlorobenzene
 Concen: 45.758 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.1	42.1
249	34.5	29.8	44.8





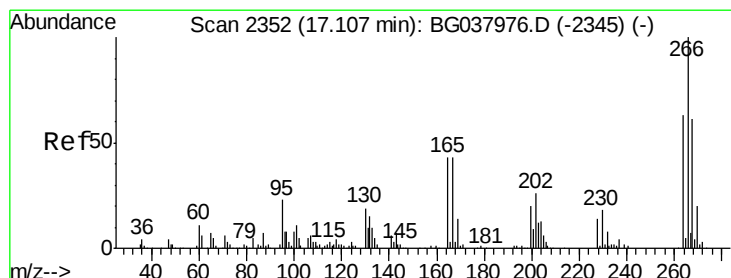
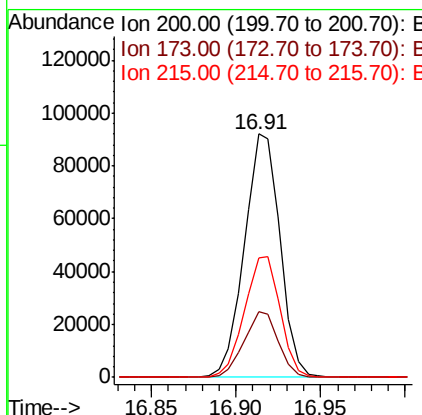
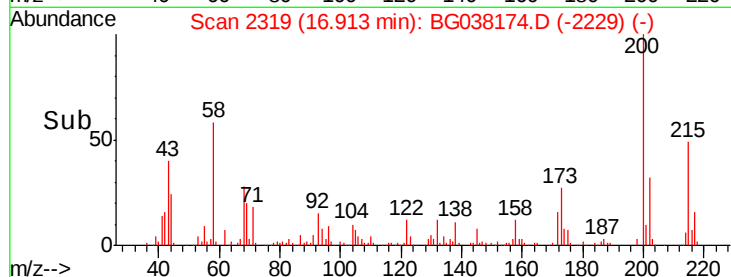
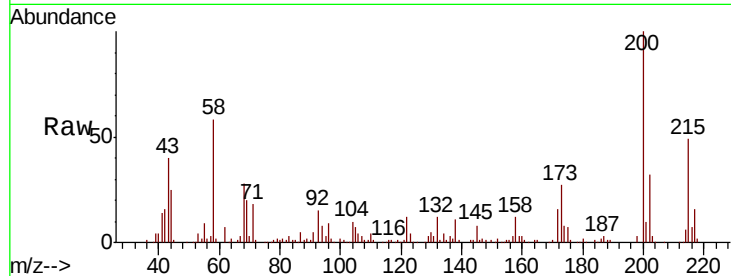
#69
 Atrazine
 Concen: 46.611 ng
 RT: 16.91 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 EP2-MW-101MSD

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	26.7	6.1	46.1
215	48.8	30.8	70.8

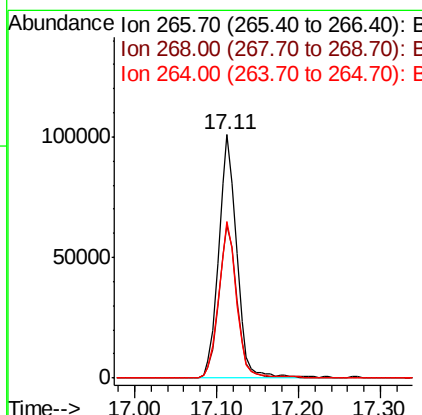
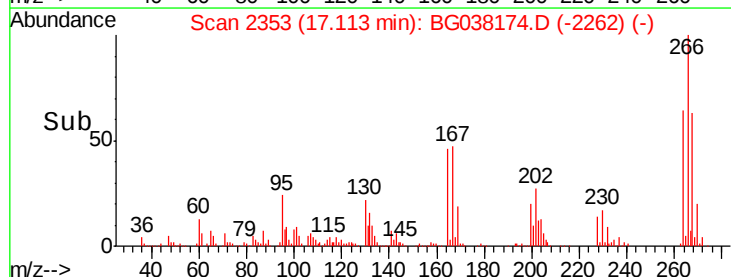
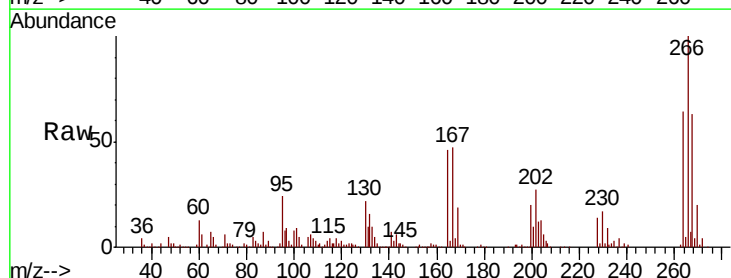
Manual Integrations
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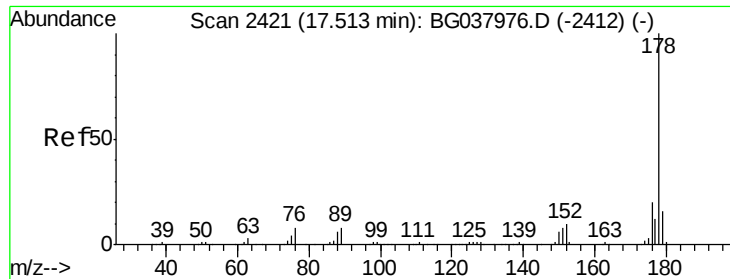
mohammad
 12/3/2018 2:34:31 PM



#70
 Pentachlorophenol
 Concen: 78.320 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. 0.01 min
 Lab File: BG038174.D
 Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.1	55.0	82.6
264	69.3	58.9	88.3





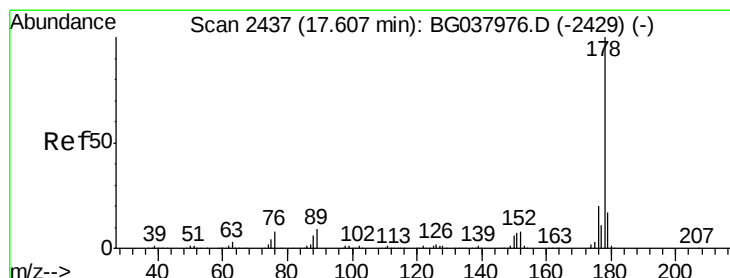
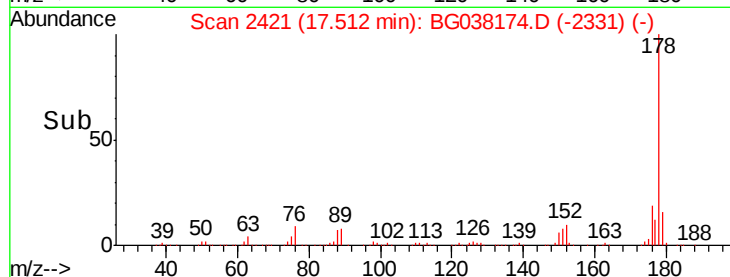
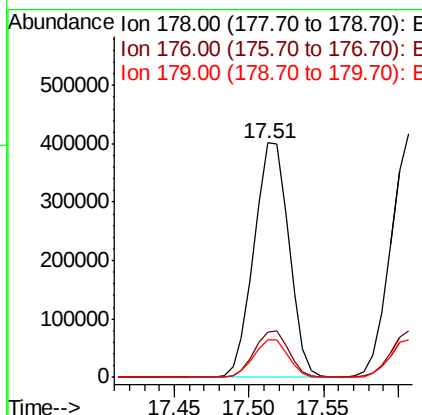
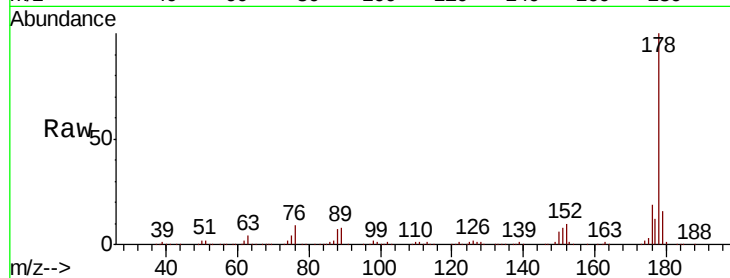
#71
Phenanthrene
Concen: 48.877 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.1	24.1
179	15.9	13.0	19.4

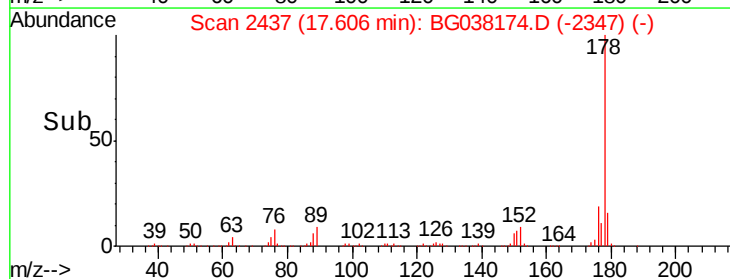
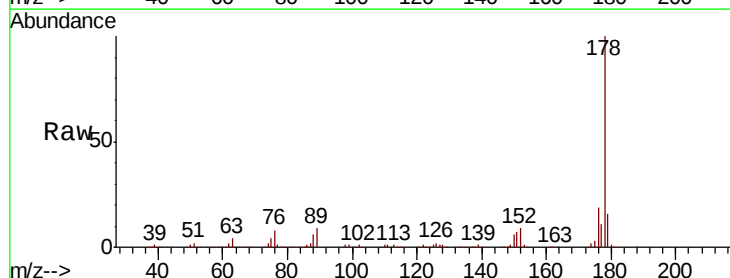
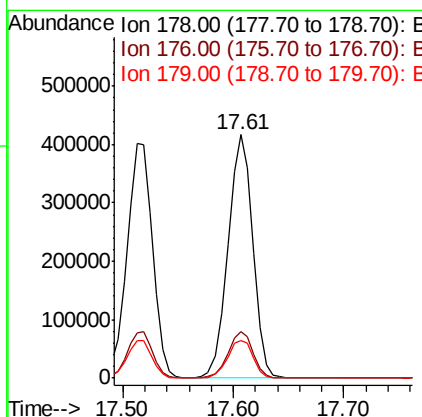
Manual Integrations
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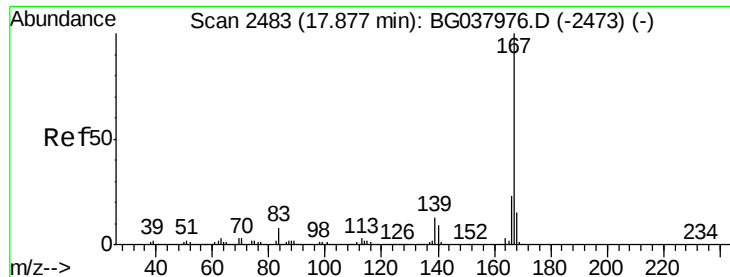
mohammad
12/3/2018 2:34:31 PM



#72
Anthracene
Concen: 49.800 ng
RT: 17.61 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.5	12.8	19.2





#73

Carbazole

Concen: 44.956 ng

RT: 17.88 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Instrument :

BNA_G

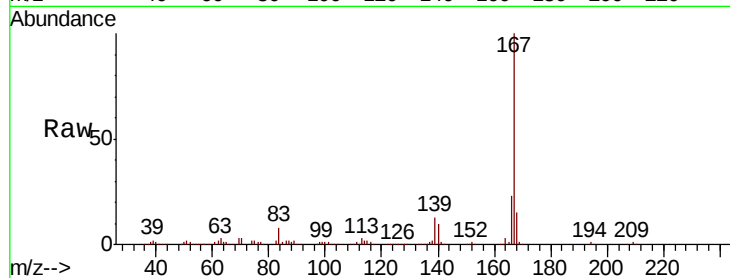
ClientSampleId :

EP2-MW-101MSD

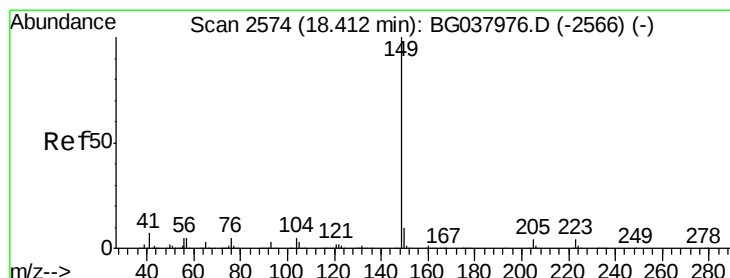
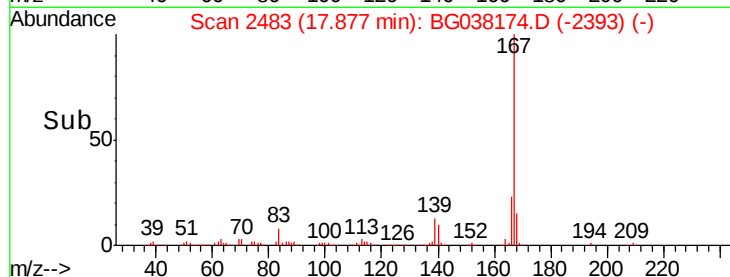
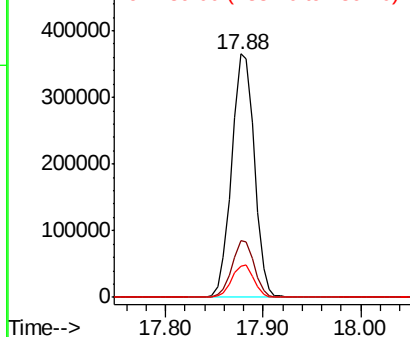
Tgt Ion:	167	Resp:	590857
Ion Ratio		Lower	Upper
167	100		
166	23.2	18.3	27.5
139	13.0	10.5	15.7

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.719 ng

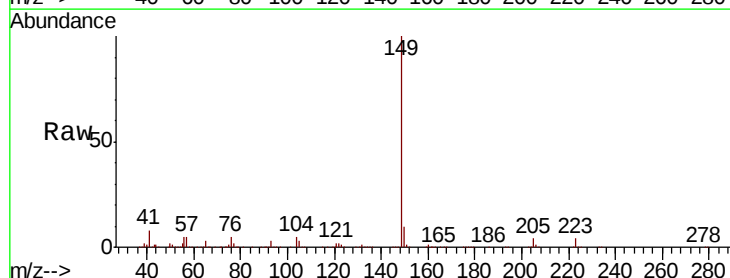
RT: 18.41 min Scan# 2574

Delta R.T. -0.00 min

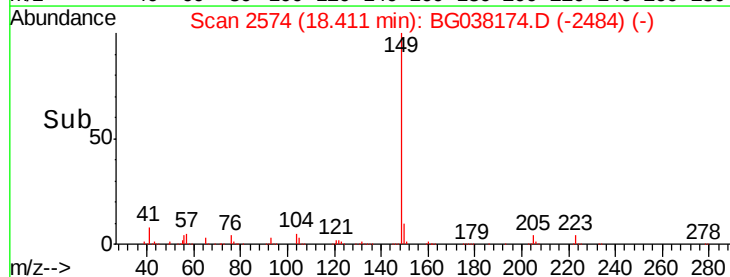
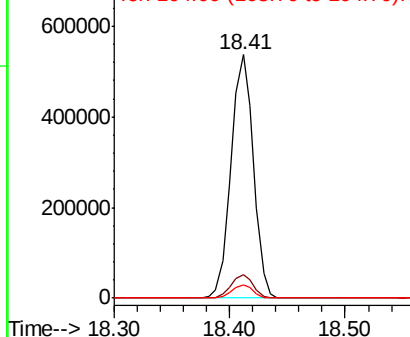
Lab File: BG038174.D

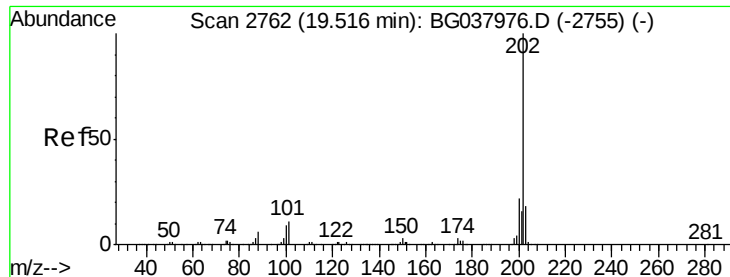
Acq: 27 Nov 2018 19:37

Tgt Ion:	149	Resp:	718774
Ion Ratio		Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.4	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.015 ng

RT: 19.52 min Scan# 2763

Delta R.T. 0.01 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Instrument :

BNA_G

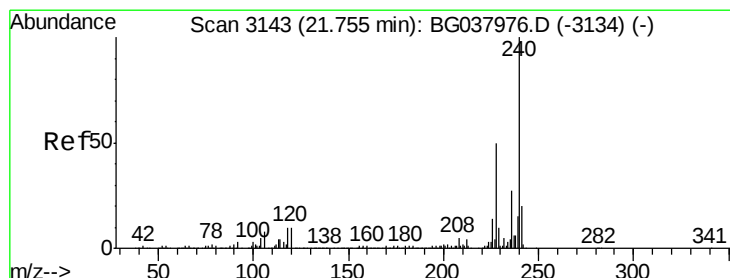
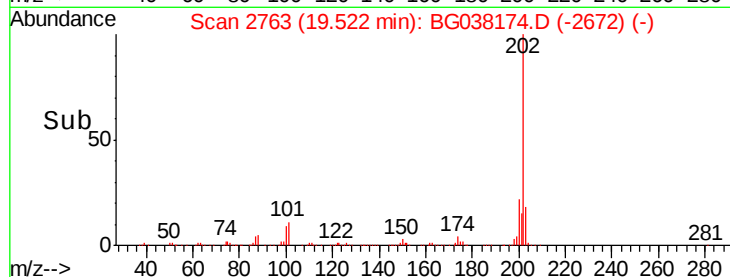
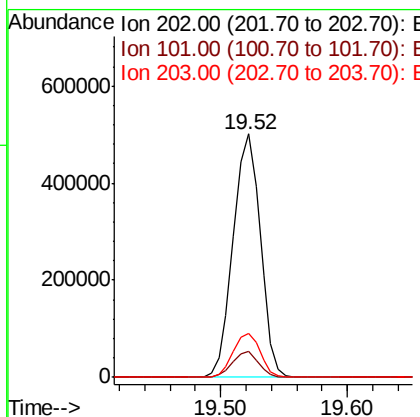
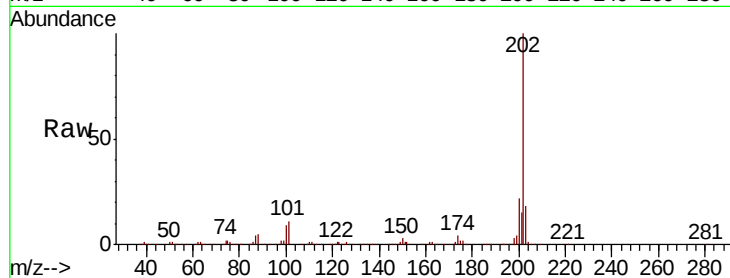
ClientSampleId :

EP2-MW-101MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		743170		
101	10.6	0.0	30.7		
203	18.3	0.0	38.5		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

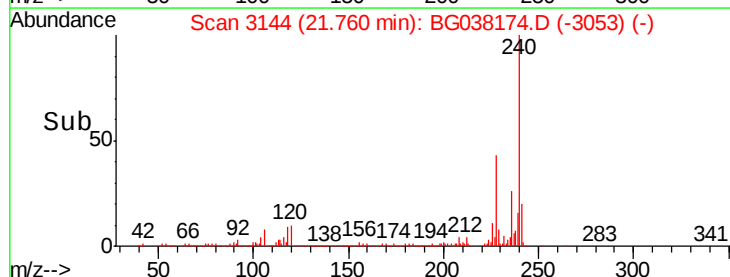
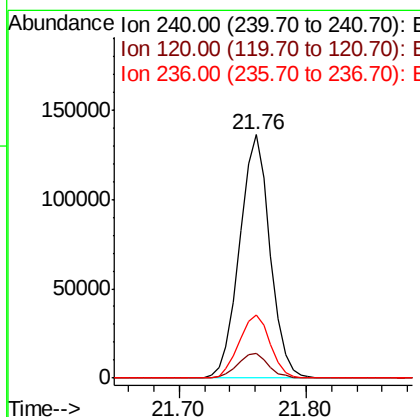
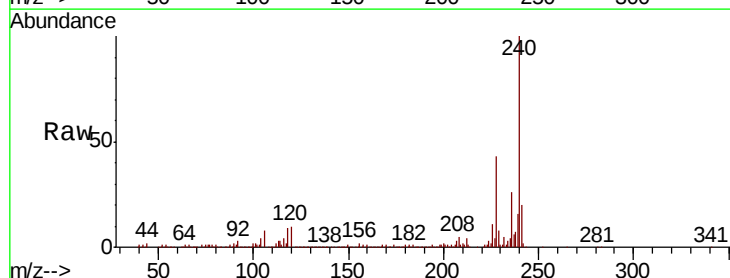
RT: 21.76 min Scan# 3144

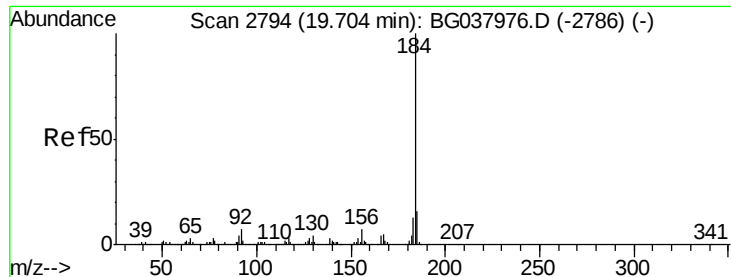
Delta R.T. 0.01 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		225981		
120	10.3	8.1	12.1		
236	26.0	21.4	32.0		





#77

Benzidine

Concen: 17.120 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Instrument :

BNA_G

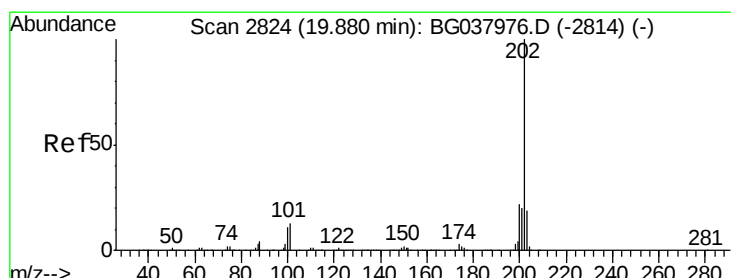
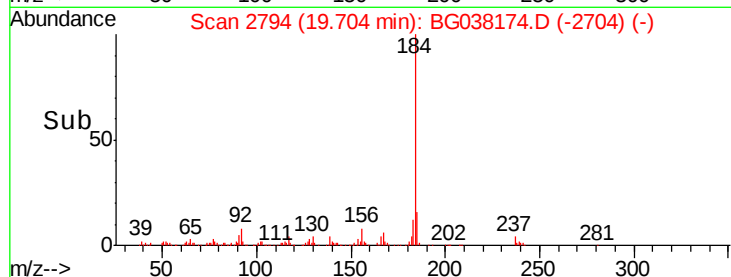
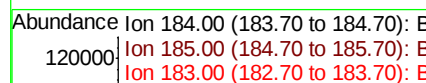
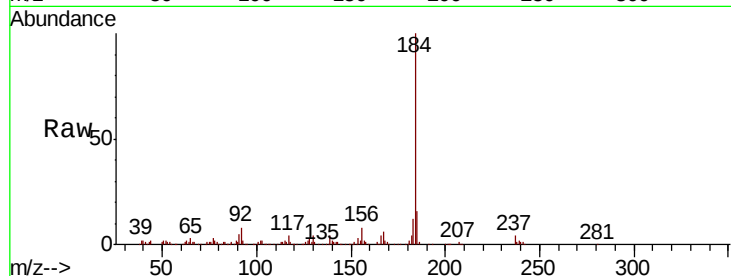
ClientSampleId :

EP2-MW-101MSD

Tgt Ion:	184	Resp:	135756
Ion Ratio	Lower	Upper	
184	100		
185	16.2	12.6	18.8
183	11.9	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 50.567 ng

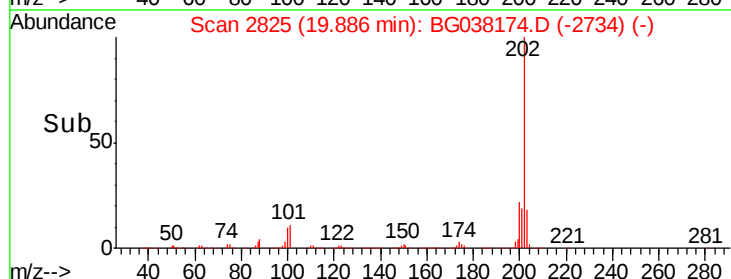
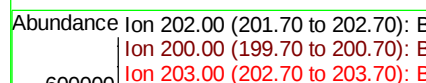
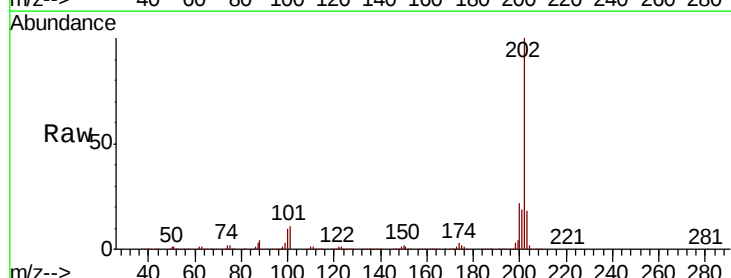
RT: 19.89 min Scan# 2825

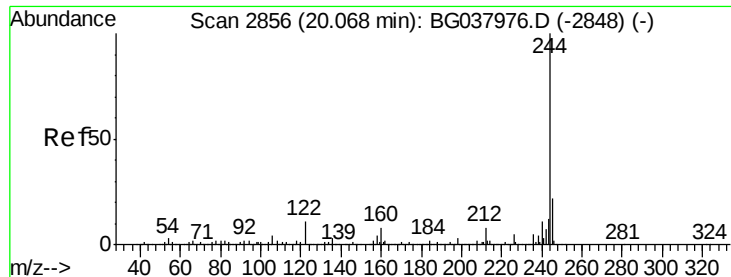
Delta R.T. 0.01 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Tgt Ion:	202	Resp:	747112
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.8	26.6
203	18.4	15.2	22.8





#79

Terphenyl-d14

Concen: 89.689 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038174.D

Acq: 27 Nov 2018 19:37

Instrument :

BNA_G

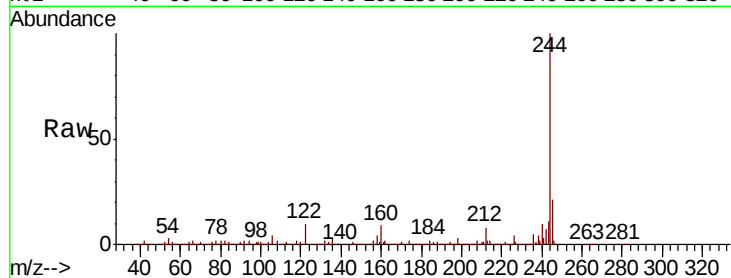
ClientSampleId :

EP2-MW-101MSD

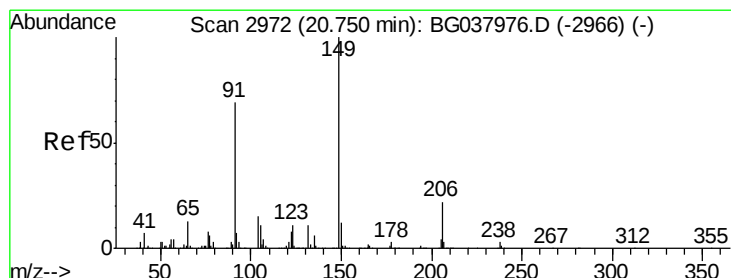
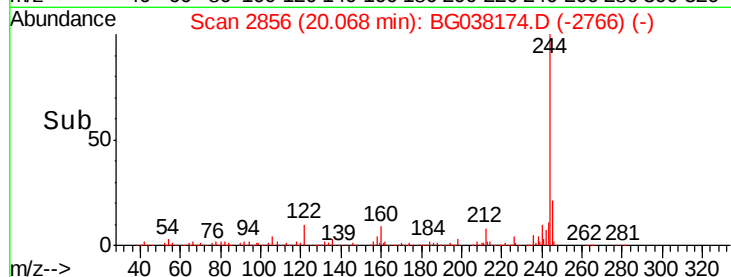
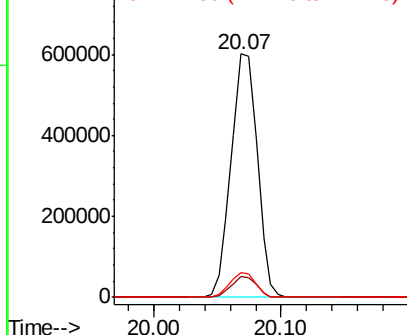
Tgt Ion:	244	Resp:	861368
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.5	9.7
122	10.3	9.0	13.4

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



#80

Butylbenzylphthalate

Concen: 51.171 ng

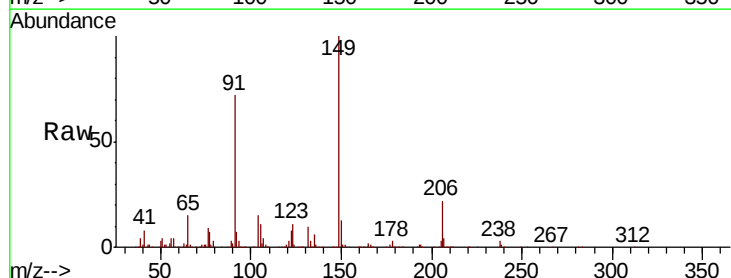
RT: 20.75 min Scan# 2972

Delta R.T. -0.00 min

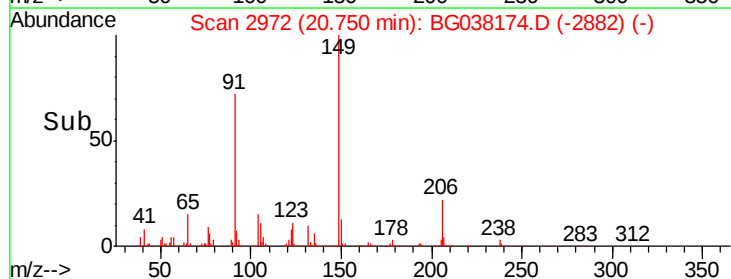
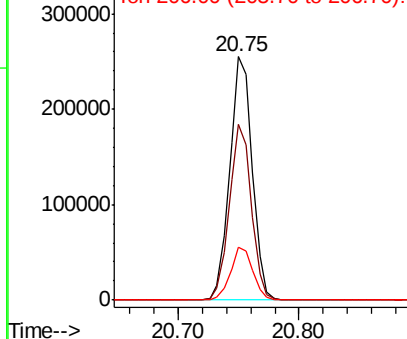
Lab File: BG038174.D

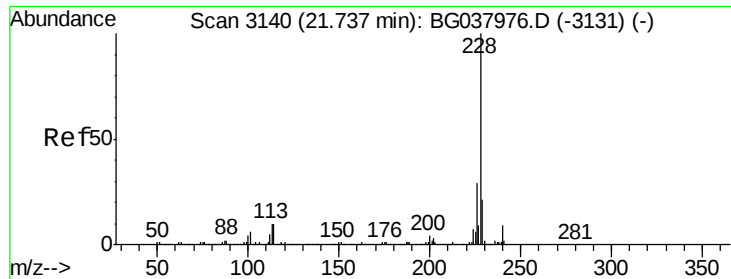
Acq: 27 Nov 2018 19:37

Tgt Ion:	149	Resp:	330632
Ion Ratio	Lower	Upper	
149	100		
91	72.1	57.0	85.4
206	21.7	17.8	26.6



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





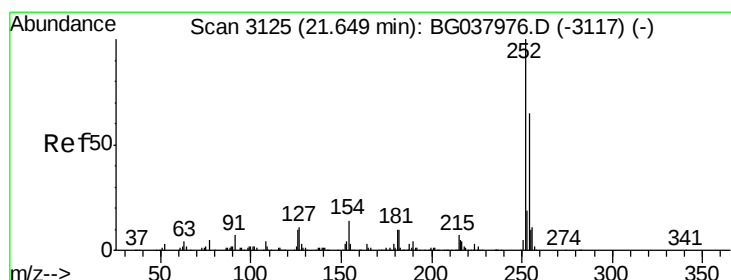
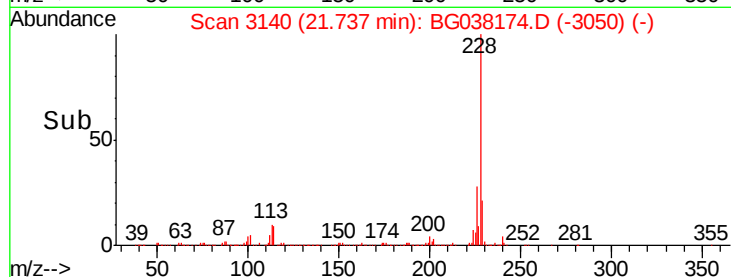
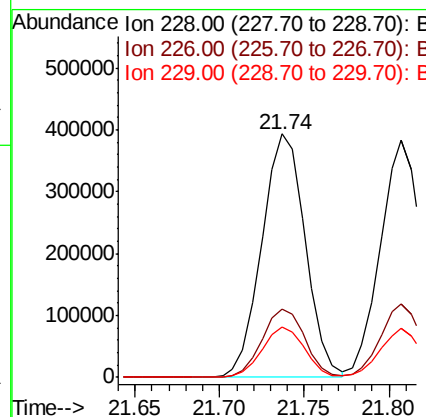
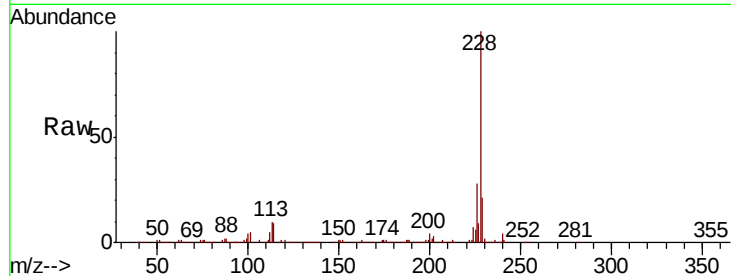
#81
Benzo(a)anthracene
Concen: 51.491 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.7	16.3	24.5

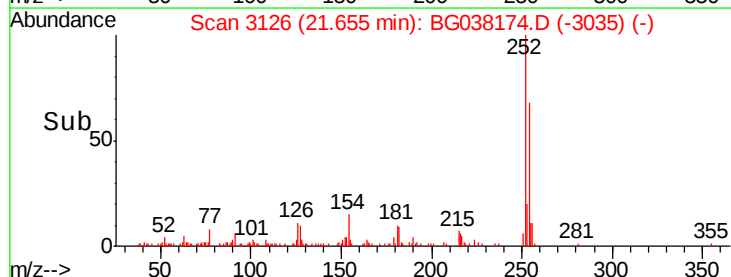
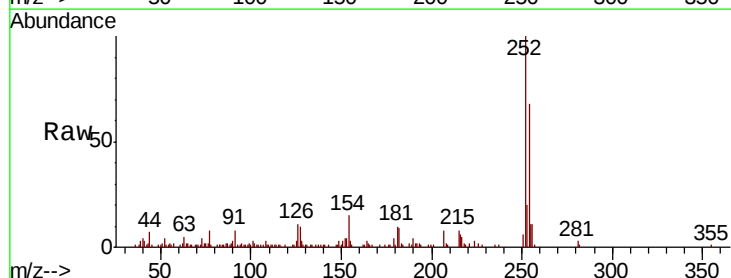
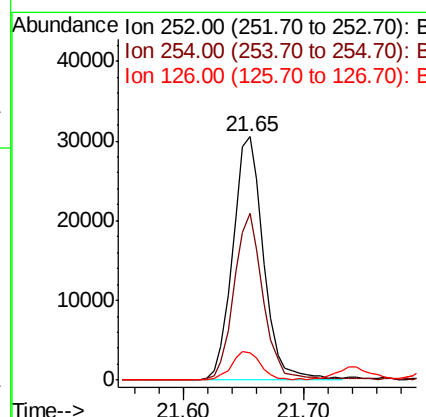
Manual Integrations
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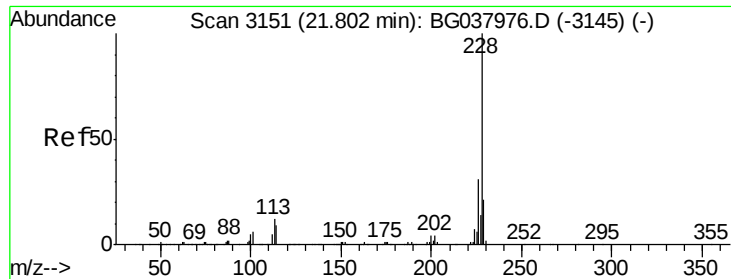
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#82
3,3'-Dichlorobenzidine
Concen: 10.146 ng
RT: 21.65 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.4	52.0	78.0
126	11.1	8.2	12.4





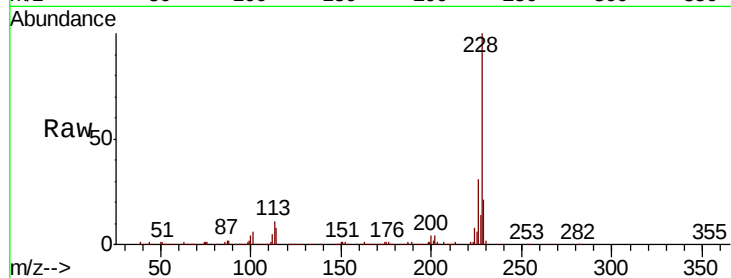
#83
Chrysene
Concen: 50.113 ng
RT: 21.81 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	20.6	16.5	24.7

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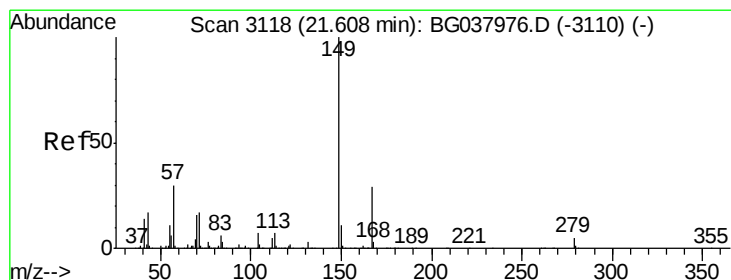
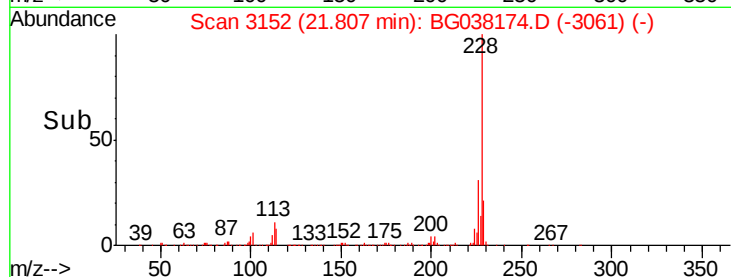
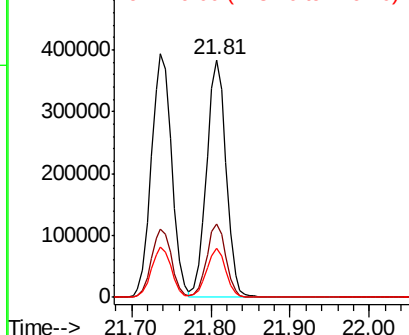


Abundance

Ion 228.00 (227.70 to 228.70): E

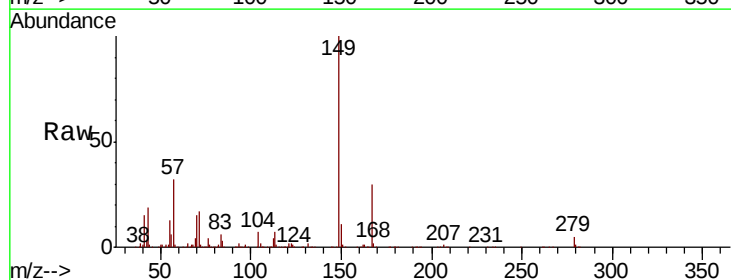
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.632 ng
RT: 21.61 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.0	34.4
279	4.8	3.6	5.4

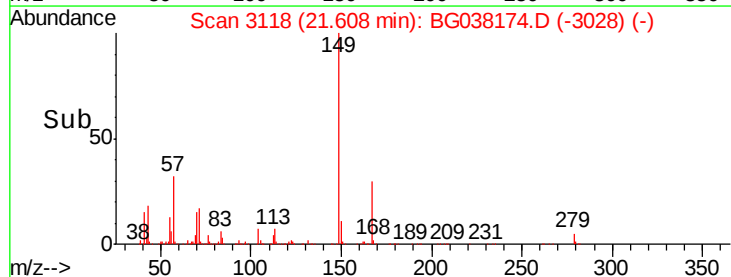
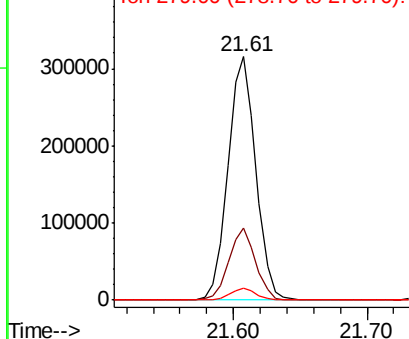


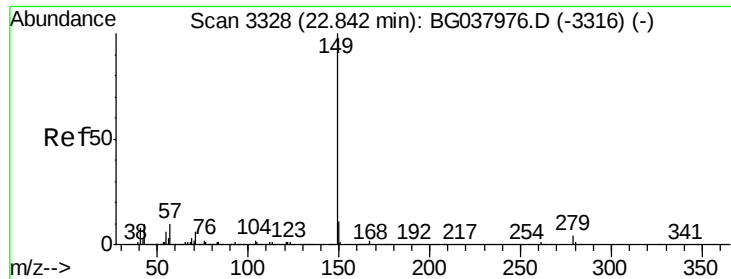
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





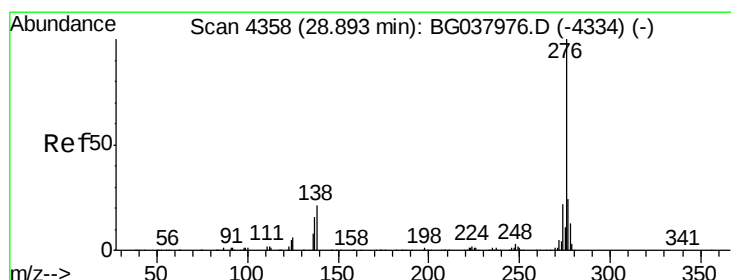
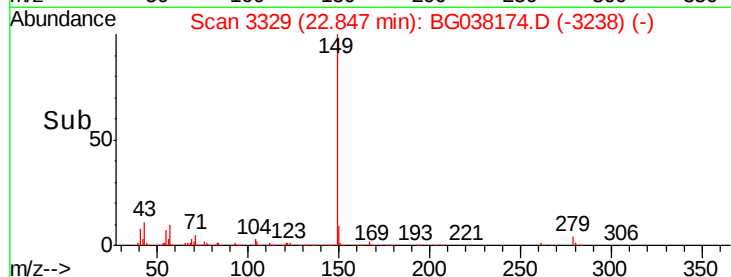
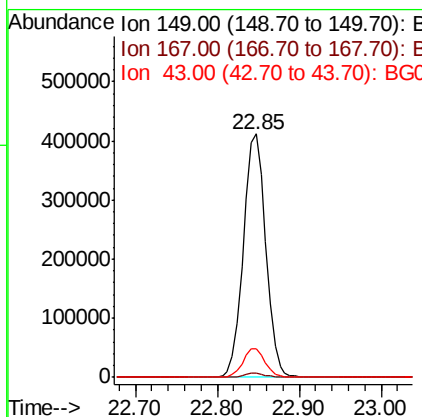
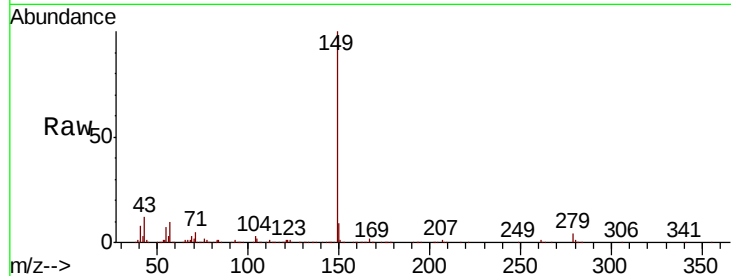
#85
Di-n-octyl phthalate
Concen: 52.674 ng
RT: 22.85 min Scan# 3329
Delta R.T. 0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.7	1.3	1.9
43	11.6	8.7	13.1

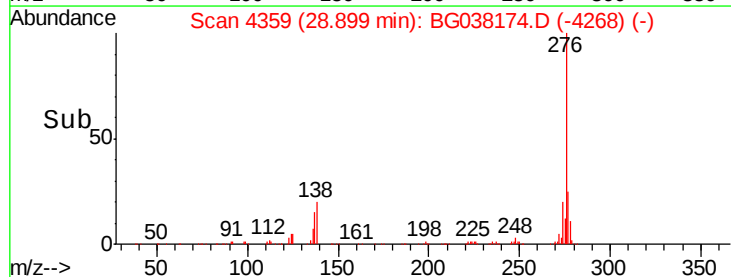
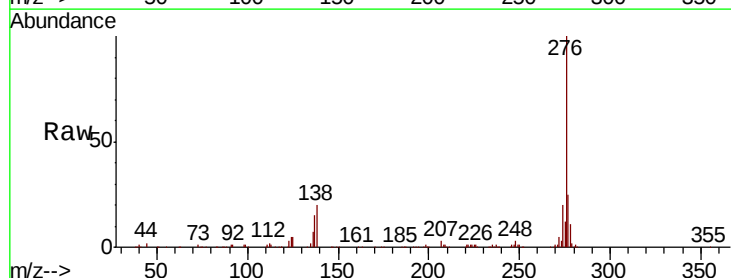
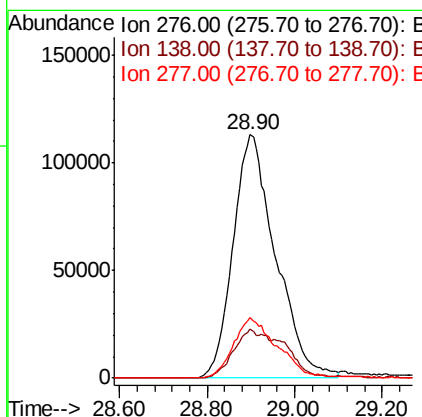
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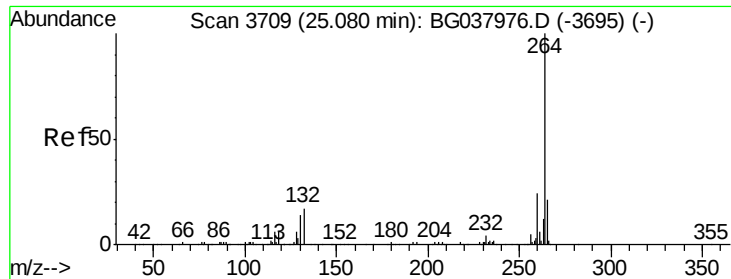
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.564 ng
RT: 28.90 min Scan# 4359
Delta R.T. 0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	11.3	12.0	18.0#
277	25.4	20.6	30.8





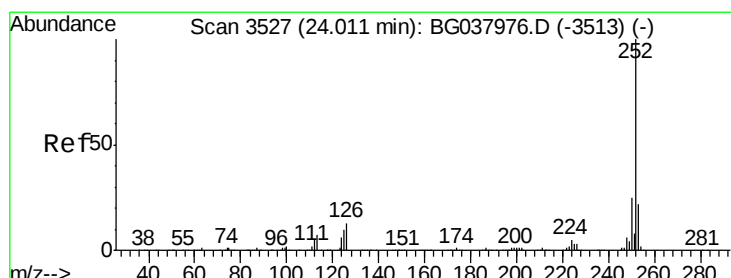
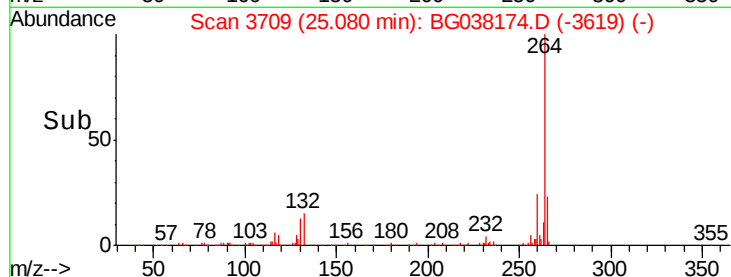
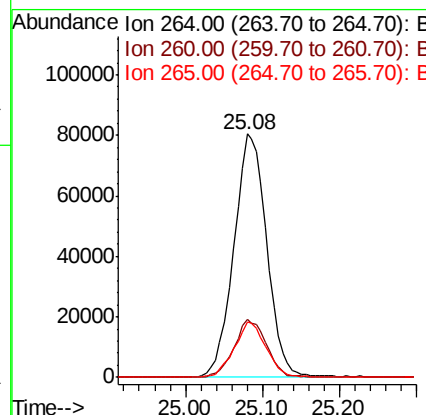
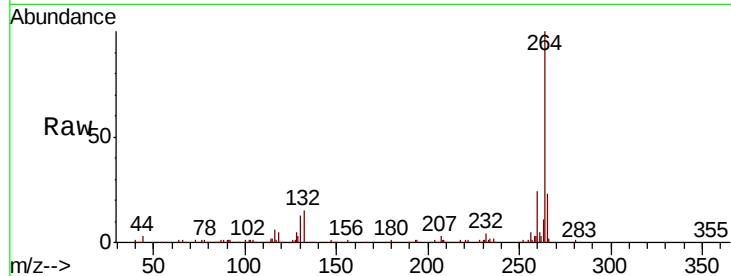
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.00 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	22.5	17.9	26.9

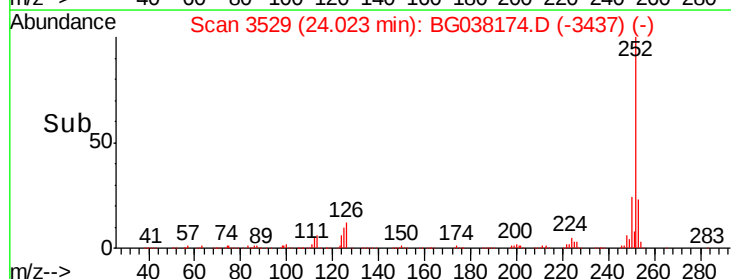
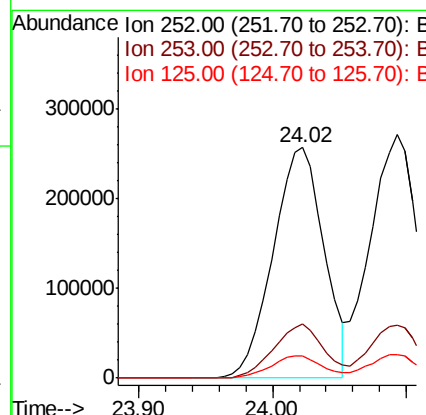
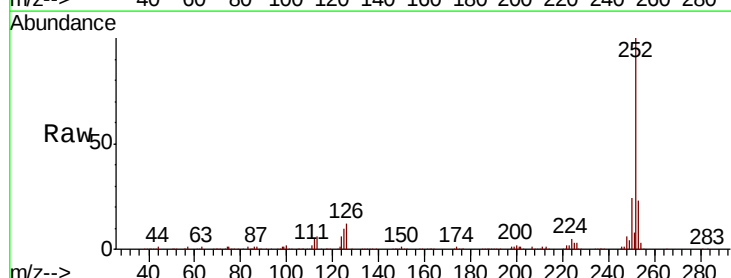
Manual Integrations
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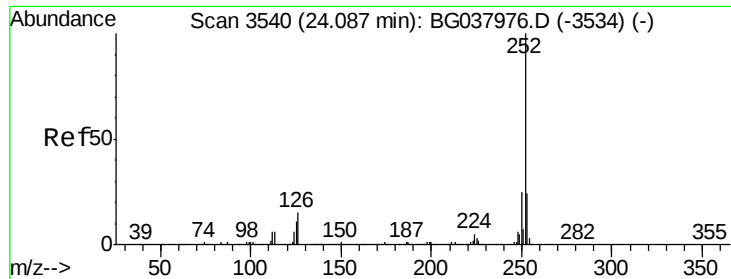
mohammad
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#88
Benzo(b)fluoranthene
Concen: 51.254 ng
RT: 24.02 min Scan# 3529
Delta R.T. 0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	9.8	7.8	11.6





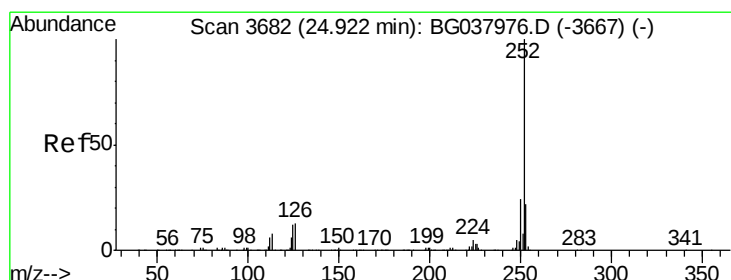
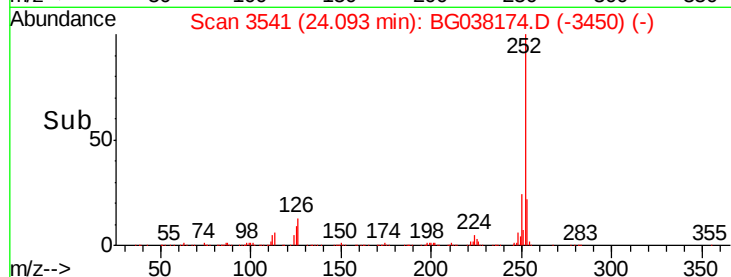
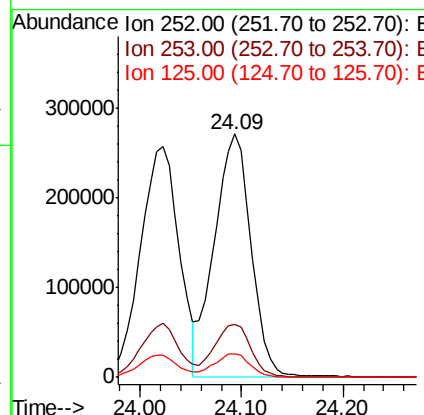
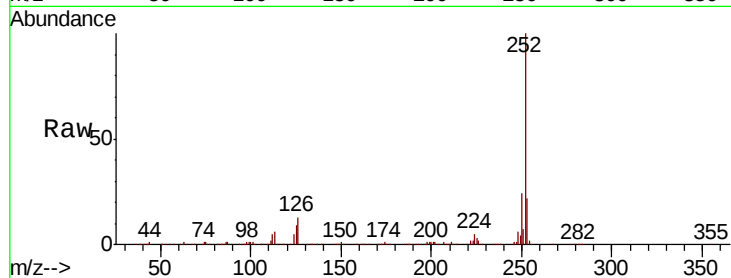
#89
Benzo(k)fluoranthene
Concen: 52.026 ng
RT: 24.09 min Scan# 3541
Delta R.T. 0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.4	7.4	11.0

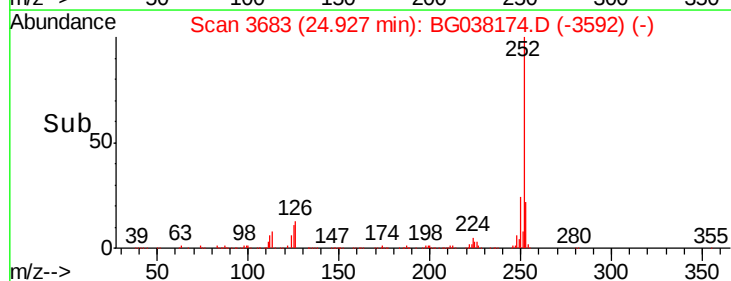
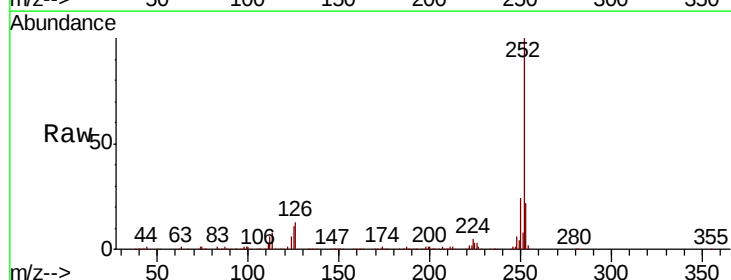
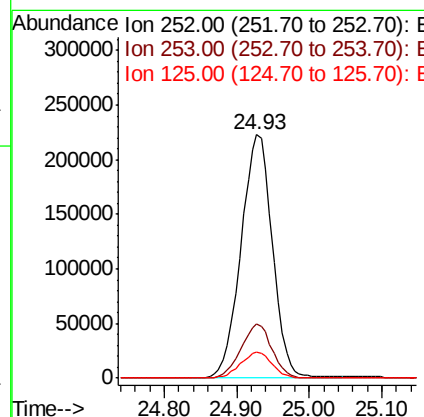
Manual Integrations
APPROVED

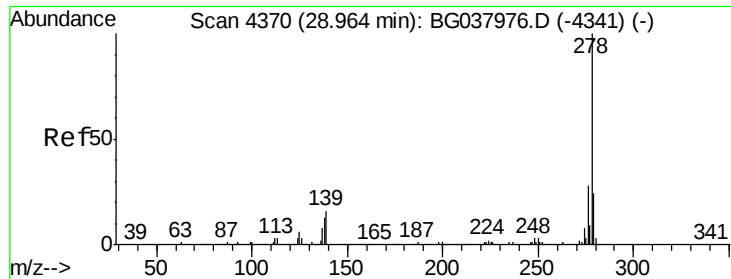
mohammad
12/3/2018 2:34:31 PM



#90
Benzo(a)pyrene
Concen: 53.155 ng
RT: 24.93 min Scan# 3683
Delta R.T. 0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.5	9.0	13.6





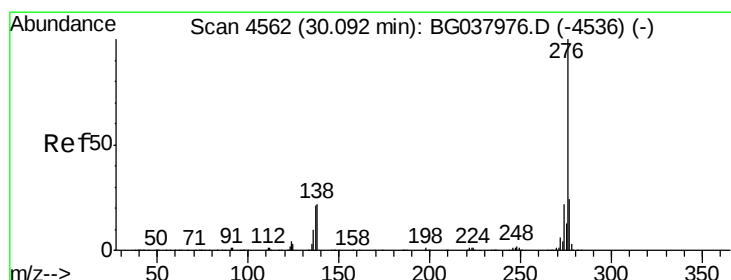
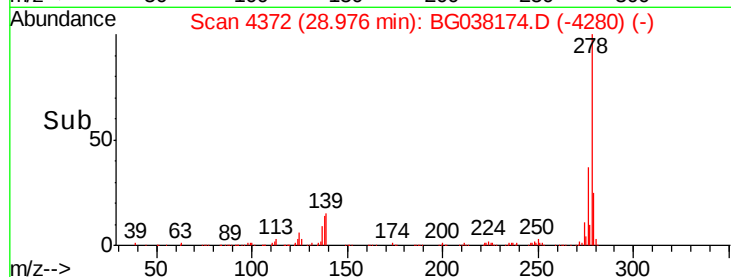
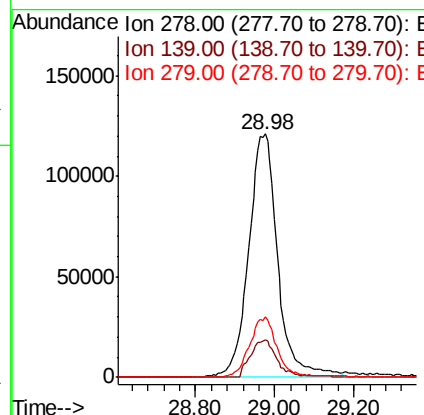
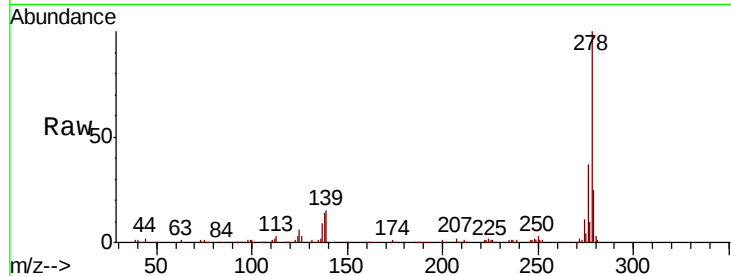
#91
Dibenzo(a,h)anthracene
Concen: 50.791 ng
RT: 28.98 min Scan# 4372
Delta R.T. 0.01 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.5	17.3
279	25.1	18.6	27.8

Manual Integrations
APPROVED

mohammad
12/3/2018 2:34:31 PM



#92
Benzo(g,h,i)perylene
Concen: 51.157 ng
RT: 30.11 min Scan# 4565
Delta R.T. 0.02 min
Lab File: BG038174.D
Acq: 27 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	19.8	17.2	25.8

