

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032950.D
 Acq On : 2 Mar 2018 17:54
 Operator : SJ/JU
 Sample : J1751-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-030118-AMSD

Manual Integrations
 APPROVED

Sohil
 3/5/2018 3:18:01 PM

Quant Time: Mar 02 23:51:33 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	63372	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	276312	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	163003	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	365357	20.00	ng	0.00
75) Chrysene-d12	22.62	240	329310	20.00	ng	0.00
86) Perylene-d12	26.43	264	348620	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	586405	148.04	ng	0.00
7) Phenol-d6	8.02	99	733147	132.79	ng	0.00
23) Nitrobenzene-d5	10.12	82	500354	120.92	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	283461	165.39	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1064122	94.15	ng	0.00
78) Terphenyl-d14	20.78	244	1507099	102.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.98	88	71766	41.746	ng	91
3) Pyridine	4.44	79	162634	34.324	ng	96
4) n-Nitrosodimethylamine	4.34	42	113819	59.915	ng	# 88
6) Aniline	8.21	93	145643	19.488	ng	95
8) 2-Chlorophenol	8.47	128	229692	52.977	ng	94
9) Benzaldehyde	8.01	77	91182	28.654	ng	94
10) Phenol	8.04	94	263162	47.283	ng	94
11) bis(2-Chloroethyl)ether	8.30	93	215770	47.411	ng	95
12) 1,3-Dichlorobenzene	8.81	146	232775	45.838	ng	98
13) 1,4-Dichlorobenzene	8.95	146	234746	45.924	ng	98
14) 1,2-Dichlorobenzene	9.29	146	223929	45.715	ng	97
15) Benzyl Alcohol	9.15	79	207488	51.118	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.45	45	387589	49.540	ng	99
17) 2-Methylphenol	9.35	107	201471	49.089	ng	97
18) Hexachloroethane	10.05	117	87245	50.129	ng	# 85
19) n-Nitroso-di-n-propylamine	9.73	70	181524	46.570	ng	# 92
20) 3+4-Methylphenols	9.68	107	270660	47.430	ng	94
22) Acetophenone	9.76	105	331634	47.524	ng	# 97
24) Nitrobenzene	10.16	77	253773	56.316	ng	91
25) Isophorone	10.69	82	498879	51.439	ng	# 94
26) 2-Nitrophenol	10.89	139	121927	68.174	ng	93
27) 2,4-Dimethylphenol	10.92	122	247729	58.800	ng	90
28) bis(2-Chloroethoxy)methane	11.16	93	296801	52.532	ng	96
29) 2,4-Dichlorophenol	11.43	162	218301	57.090	ng	96
30) 1,2,4-Trichlorobenzene	11.66	180	212448	47.397	ng	97
31) Naphthalene	11.85	128	843390	58.413	ng	99
32) Benzoic acid	11.03	122	137716	51.010	ng	# 82
33) 4-Chloroaniline	11.94	127	82784	12.823	ng	94
34) Hexachlorobutadiene	12.12	225	112680	44.818	ng	94
35) Caprolactam	12.69	113	74126	48.414	ng	98
36) 4-Chloro-3-methylphenol	13.01	107	264147	59.362	ng	94
37) 2-Methylnaphthalene	13.41	142	539984	51.694	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	217597	44.969	ng	# 96
40) Hexachlorocyclopentadiene	13.73	237	259823	105.361	ng	92

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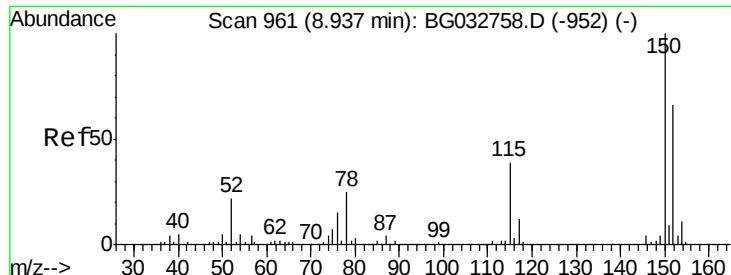
Manual Integrations
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 3/5/2018 3:18:01 PM

Quant Time: Mar 02 23:51:33 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	170956	56.023	nq	99
43) 2,4,5-Trichlorophenol	14.05	196	189517	53.661	nq	# 96
45) 1,1'-Biphenyl	14.38	154	664294	46.637	nq	97
46) 2-Chloronaphthalene	14.43	162	500323	47.022	nq	97
47) 2-Nitroaniline	14.61	65	184860	64.610	nq	93
48) Acenaphthylene	15.27	152	830839	47.694	nq	96
49) Dimethylphthalate	14.96	163	673501	48.662	nq	99
50) 2,6-Dinitrotoluene	15.09	165	151691	62.840	nq	89
51) Acenaphthene	15.60	154	565288	52.105	nq	97
52) 3-Nitroaniline	15.41	138	83558	32.394	nq	# 86
53) 2,4-Dinitrophenol	15.61	184	111457	126.305	nq	# 41
54) Dibenzofuran	15.93	168	776458	50.263	nq	93
55) 4-Nitrophenol	15.69	139	234007	101.190	nq	84
56) 2,4-Dinitrotoluene	15.87	165	216568	71.202	nq	# 81
57) Fluorene	16.57	166	634013	49.726	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	163374m	59.581	nq	
59) Diethylphthalate	16.30	149	722544	49.496	nq	99
60) 4-Chlorophenyl-phenylether	16.54	204	313780	50.308	nq	91
61) 4-Nitroaniline	16.57	138	160305	52.894	nq	84
62) Azobenzene	16.84	77	660650	50.587	nq	96
64) 4,6-Dinitro-2-methylphenol	16.62	198	90636	71.349	nq	95
65) n-Nitrosodiphenylamine	16.75	169	592193	49.824	nq	98
66) 4-Bromophenyl-phenylether	17.44	248	187011	48.408	nq	# 86
67) Hexachlorobenzene	17.56	284	195094	46.731	nq	# 92
68) Atrazine	17.67	200	203596	52.040	nq	95
69) Pentachlorophenol	17.90	266	257577	97.950	nq	99
70) Phenanthrene	18.31	178	1014231	49.758	nq	97
71) Anthracene	18.39	178	1027626	50.217	nq	98
72) Carbazole	18.65	167	962239	47.705	nq	97
73) Di-n-butylphthalate	19.15	149	1208748	48.848	nq	99
74) Fluoranthene	20.26	202	1112454	49.407	nq	92
76) Benzidine	20.41	184	118863	10.589	nq	98
77) Pyrene	20.61	202	1116890	48.094	nq	95
79) Butylbenzylphthalate	21.48	149	566427	55.012	nq	93
80) Benzo(a)anthracene	22.60	228	1063460	50.360	nq	100
81) 3,3'-Dichlorobenzidine	22.48	252	201173	25.722	nq	# 99
82) Chrysene	22.68	228	990393	49.097	nq	97
83) Bis(2-ethylhexyl)phthalate	22.43	149	802972	52.685	nq	# 96
84) Di-n-octyl phthalate	23.85	149	1370609	58.999	nq	100
85) Indeno(1,2,3-cd)pyrene	30.86	276	1132975	48.160	nq	97
87) Benzo(b)fluoranthene	25.21	252	1069670	51.893	nq	# 97
88) Benzo(k)fluoranthene	25.29	252	1036847	50.613	nq	# 95
89) Benzo(a)pyrene	26.25	252	1031046	52.589	nq	# 96
90) Dibenzo(a,h)anthracene	30.95	278	909772	46.101	nq	# 93
91) Benzo(g,h,i)perylene	32.26	276	933701	47.996	nq	# 92

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



#1

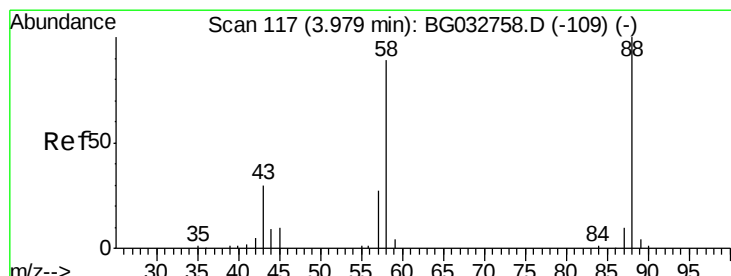
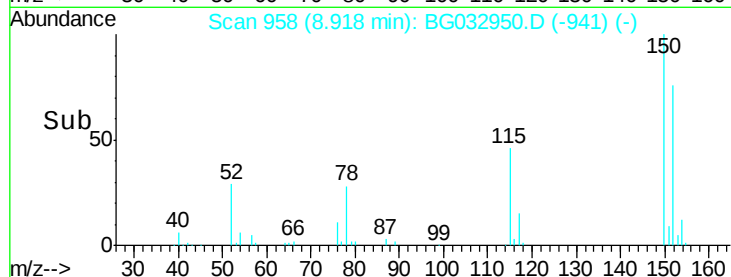
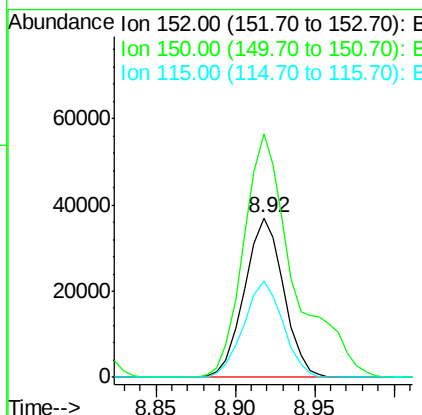
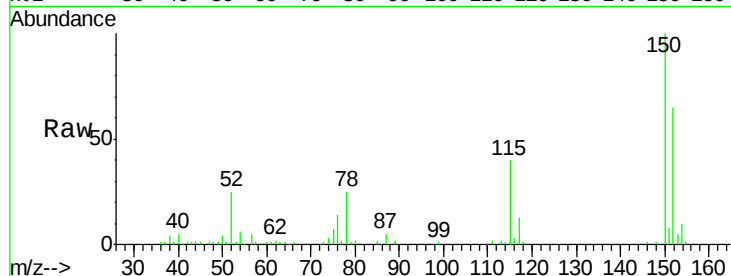
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.6	189.8
115	60.9	53.0	79.4

Manual Integrations
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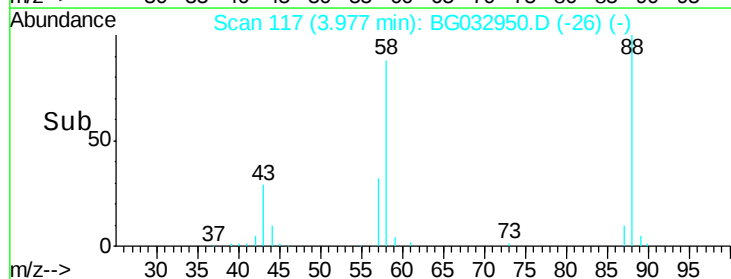
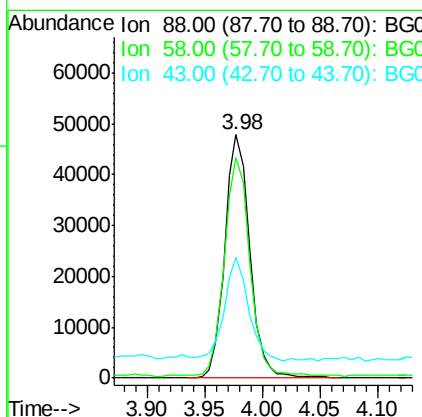
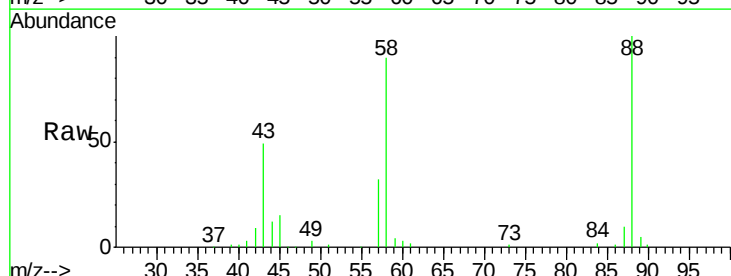
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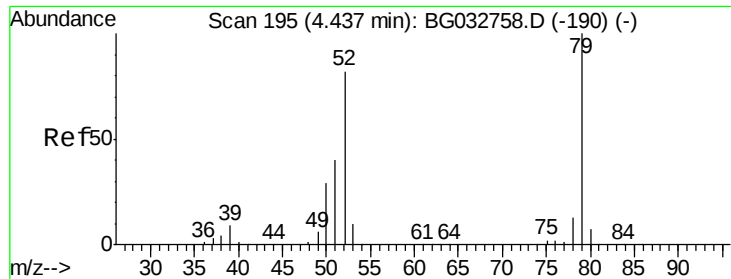


#2

1,4-Dioxane
Concen: 41.746 ng
RT: 3.98 min Scan# 117
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.9	79.6	119.4
43	40.8	27.4	41.0





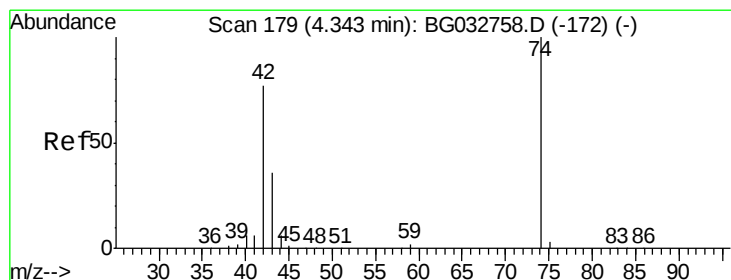
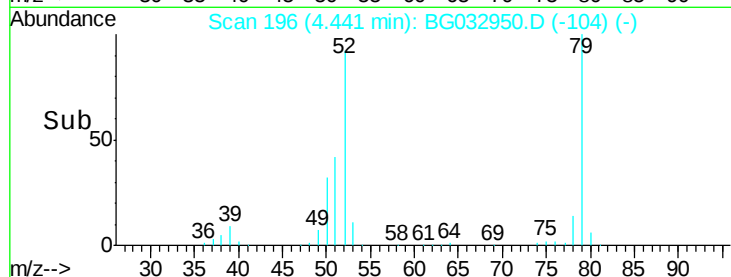
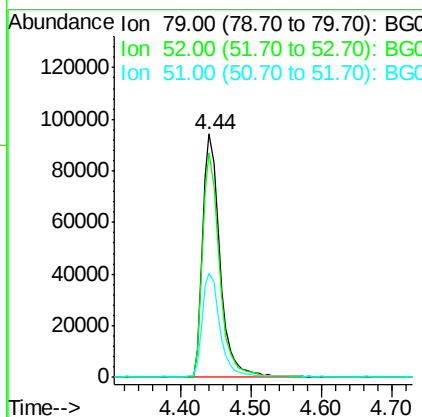
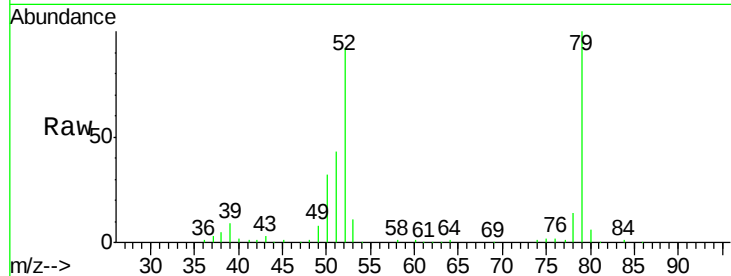
#3
 Pvridine
 Concen: 34.324 ng
 RT: 4.44 min Scan# 196
 Delta R.T. 0.01 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-030118-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	92.3	69.9	104.9
51	42.9	34.0	51.0

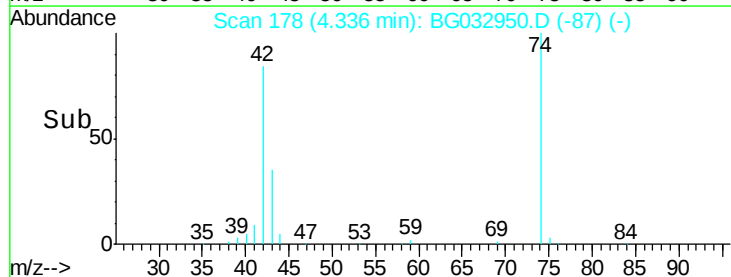
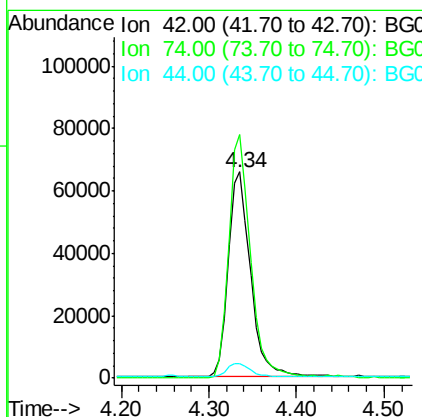
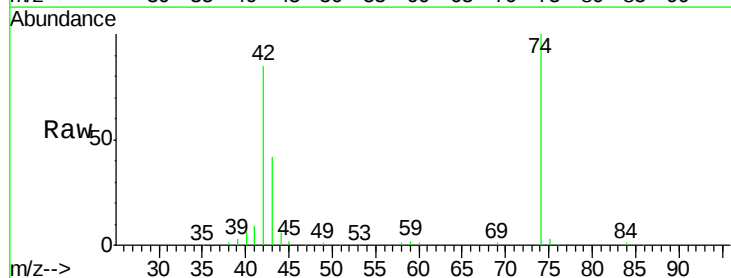
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 59.915 ng
 RT: 4.34 min Scan# 178
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.2	102.5	153.7
44	7.2	18.9	28.3





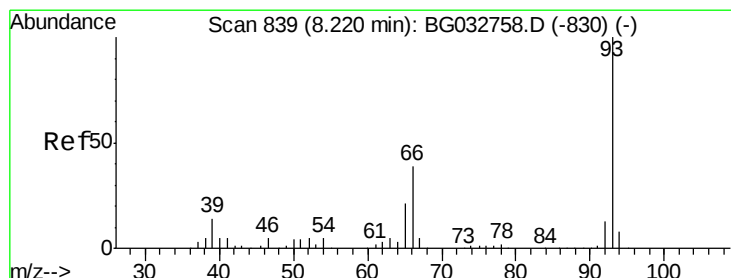
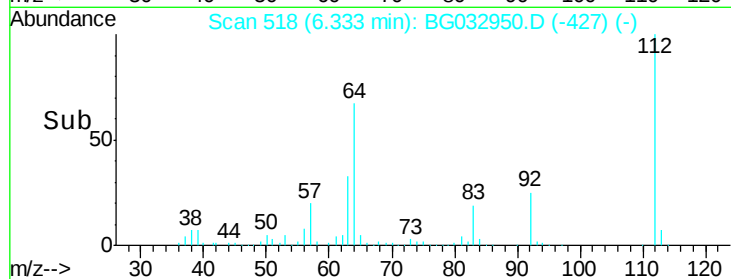
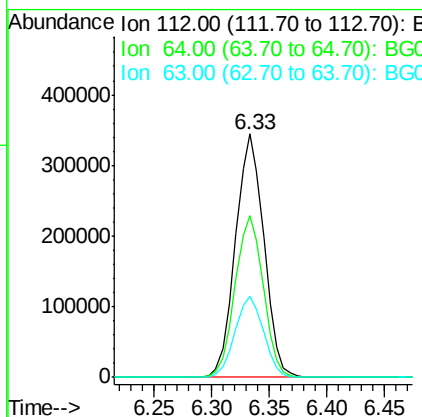
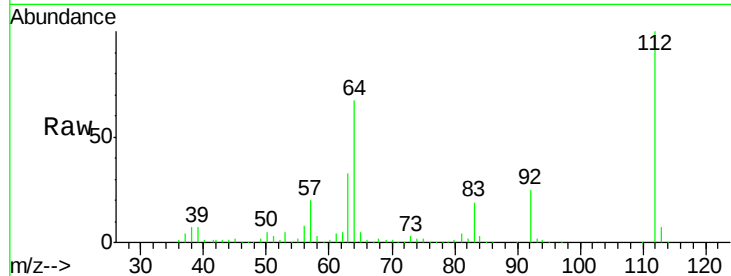
#5
2-Fluorophenol
Concen: 148.041 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	66.6	56.3	84.5
63	33.2	30.1	45.1

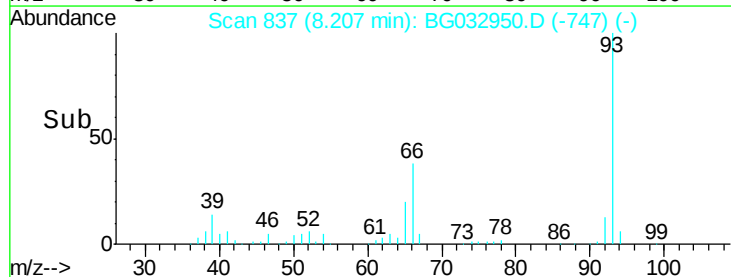
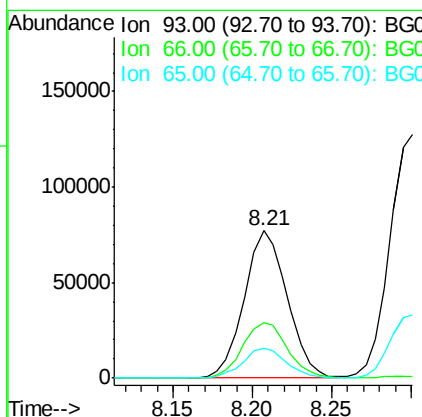
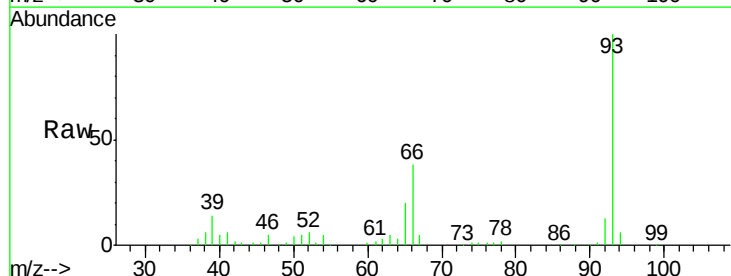
Manual Integrations
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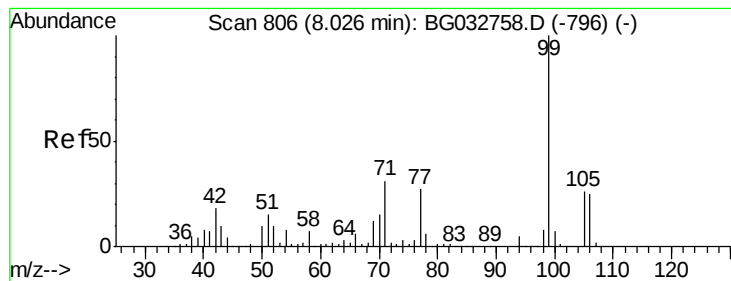
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#6
Aniline
Concen: 19.488 ng
RT: 8.21 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	37.8	33.7	50.5
65	20.2	16.1	24.1





#7

Phenol-d6

Concen: 132.787 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

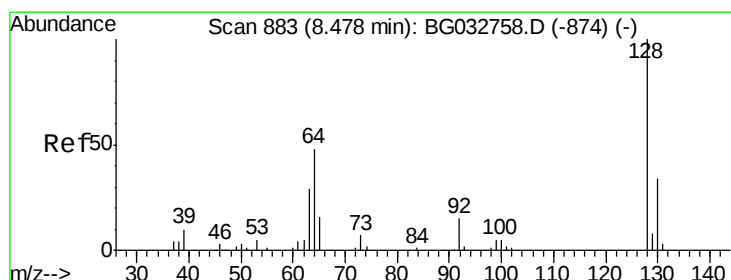
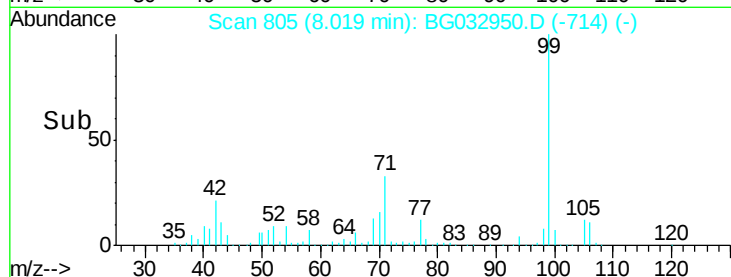
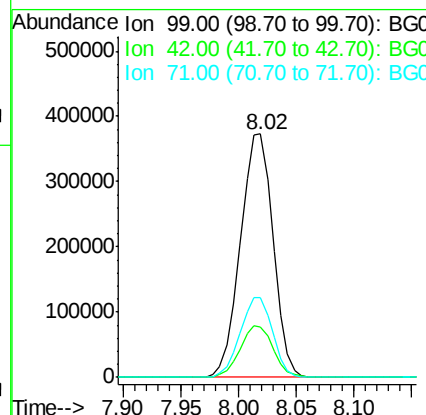
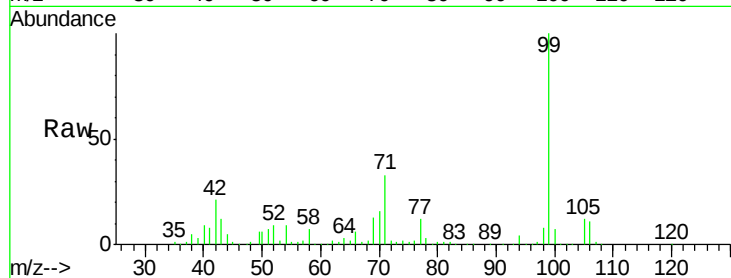
ClientSampleId :

JC-02-030118-AMSD

Tot Ion:	99	Resp:	733147
Ion Ratio	Lower	Upper	
99	100		
42	20.8	14.1	21.1
71	32.8	26.1	39.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 52.977 ng

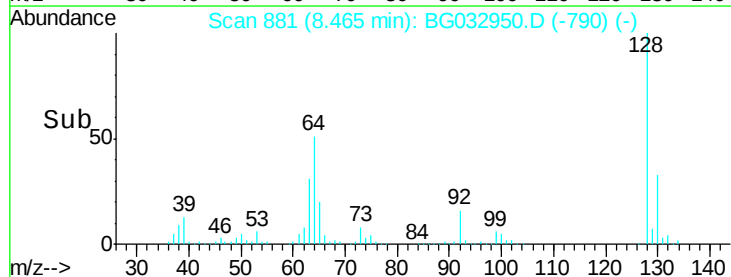
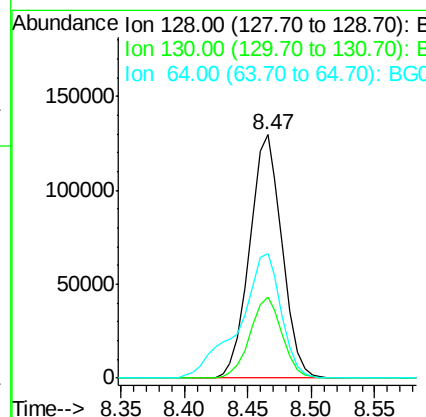
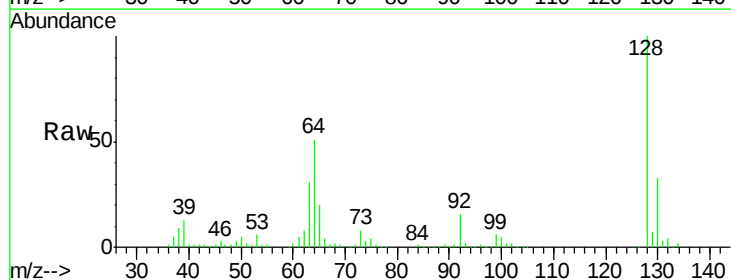
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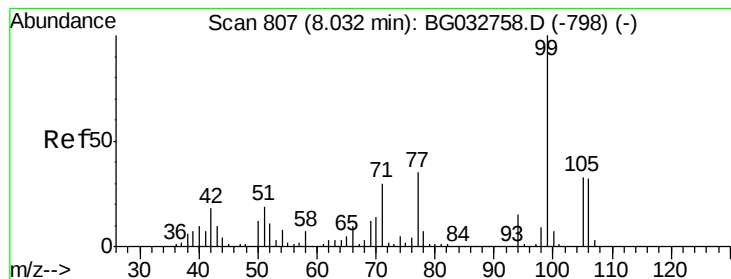
Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Tgt Ion:	128	Resp:	229692
Ion Ratio	Lower	Upper	
128	100		
130	33.3	14.0	54.0
64	51.4	37.7	77.7





#9

Benzaldehyde

Concen: 28.654 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

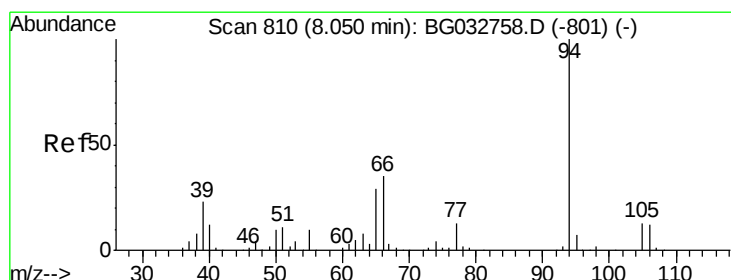
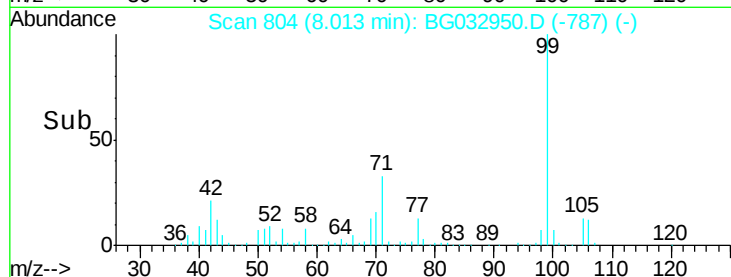
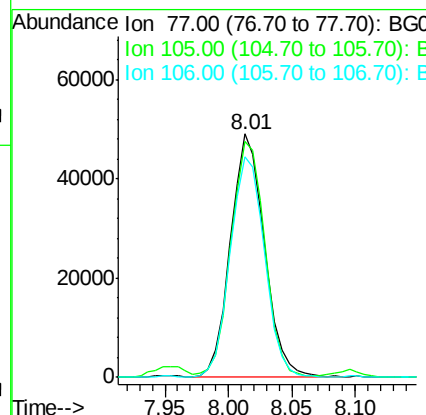
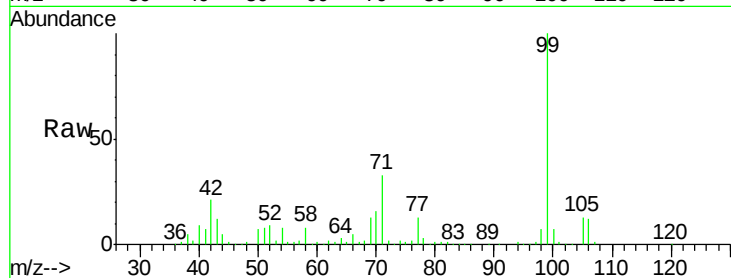
ClientSampleId :

JC-02-030118-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.9	71.3	111.3
106	90.6	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 47.283 ng

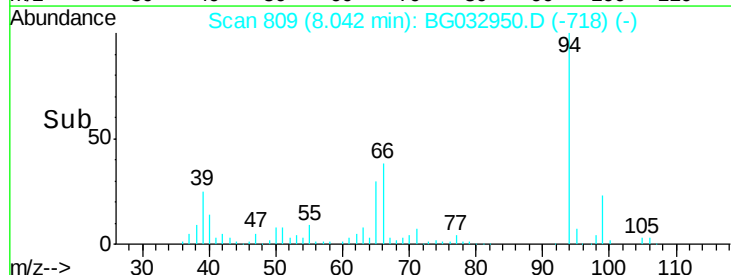
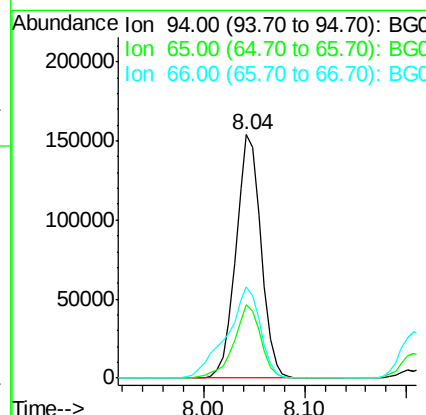
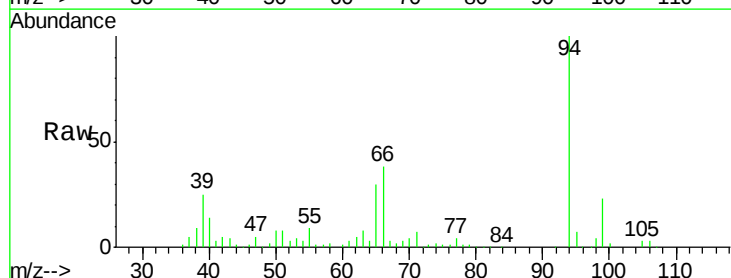
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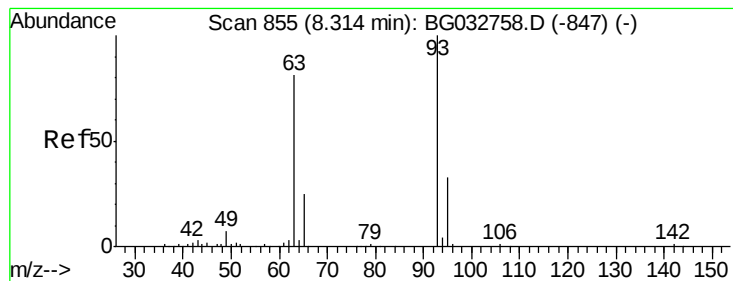
Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.9	11.9	51.9
66	37.6	22.2	62.2





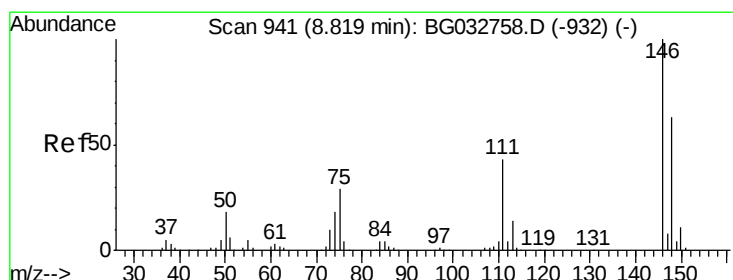
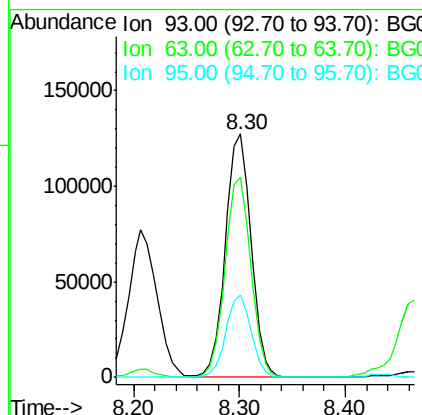
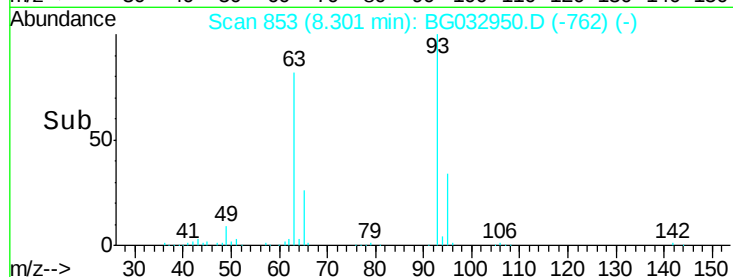
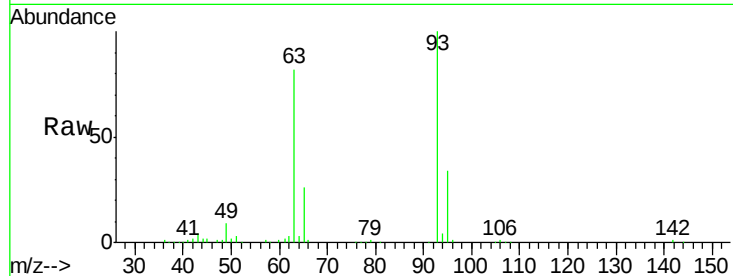
#11
bis(2-Chloroethyl)ether
Concen: 47.411 ng
RT: 8.30 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.2	67.1	107.1
95	33.8	11.5	51.5

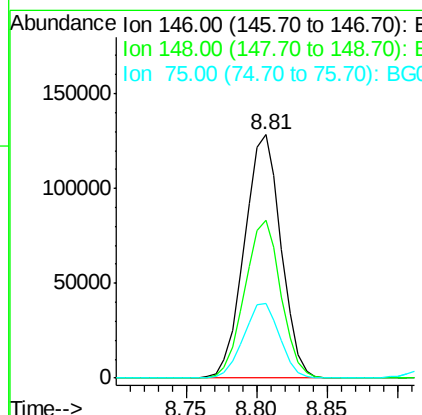
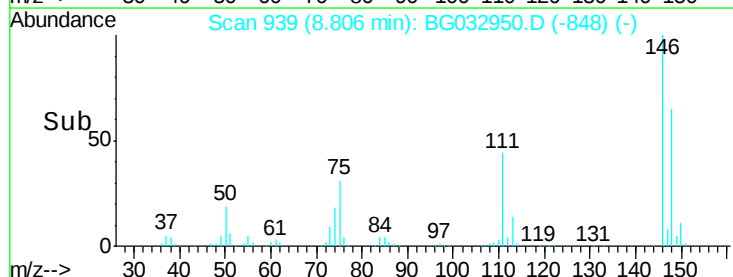
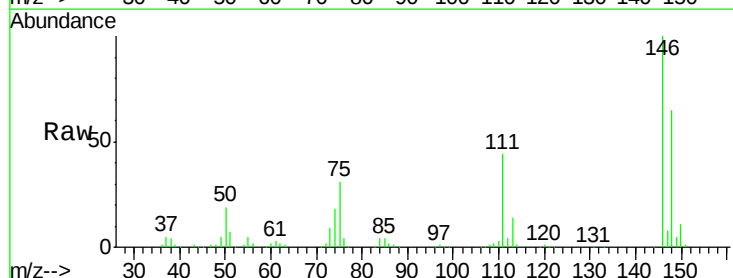
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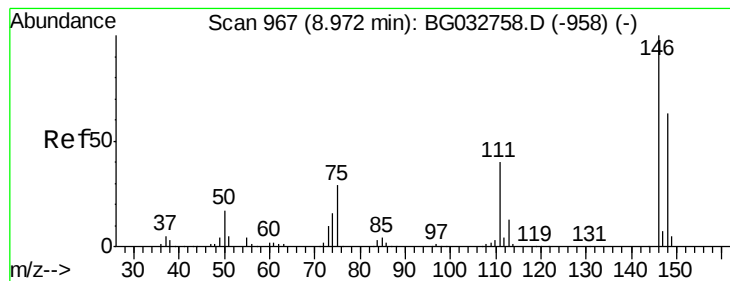
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#12
1,3-Dichlorobenzene
Concen: 45.838 ng
RT: 8.81 min Scan# 939
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
75	30.7	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 45.924 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

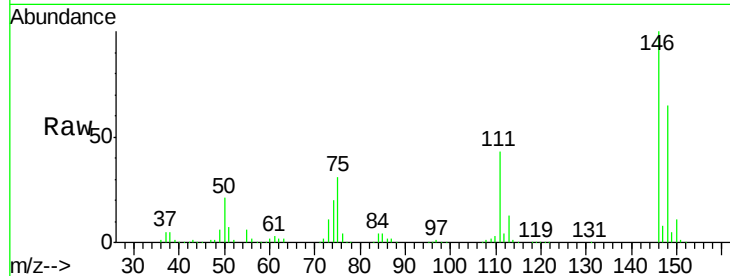
ClientSampleId :

JC-02-030118-AMSD

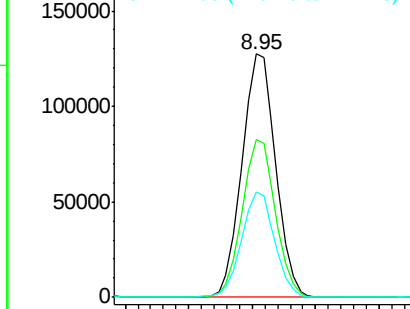
Tot Ion:	146	Resp:	234746
Ion Ratio	Lower	Upper	
146	100		
148	64.7	53.7	80.5
111	43.2	35.2	52.8

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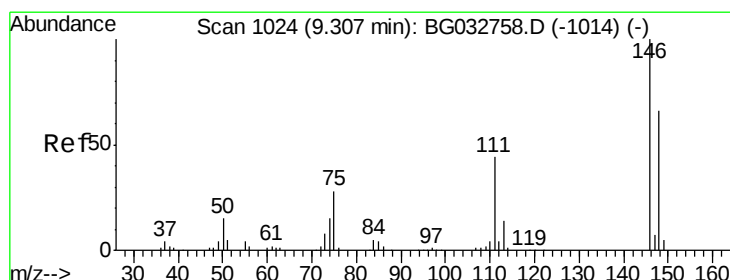
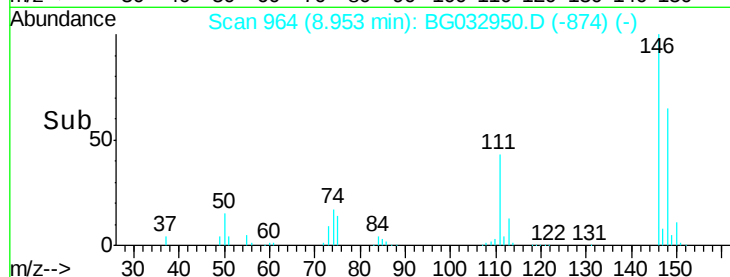
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Time--> 8.85 8.90 8.95 9.00 9.05



#14

1,2-Dichlorobenzene

Concen: 45.715 ng

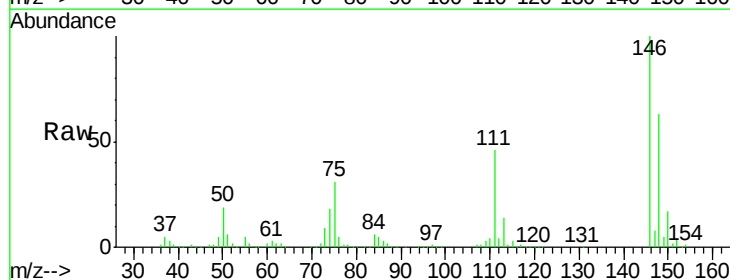
RT: 9.29 min Scan# 1021

Delta R.T. -0.00 min

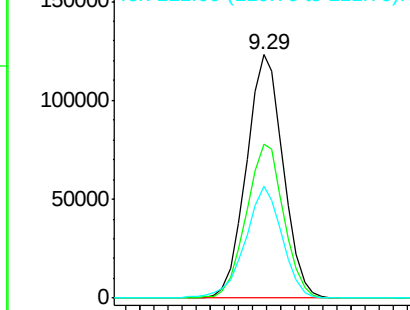
Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

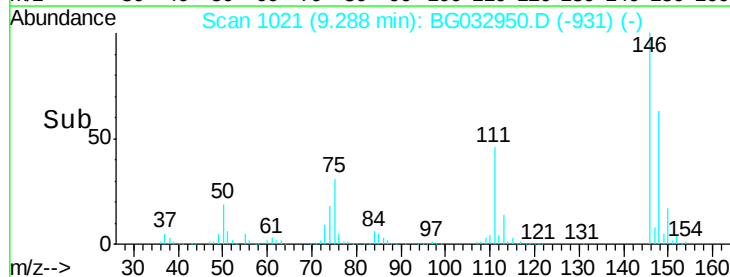
Tgt Ion:	146	Resp:	223929
Ion Ratio	Lower	Upper	
146	100		
148	63.2	49.3	73.9
111	45.8	34.3	51.5

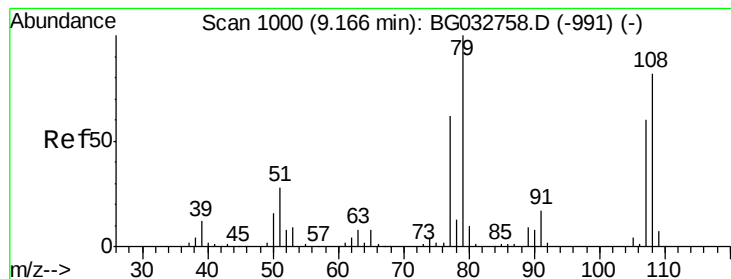


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Time--> 9.20 9.25 9.30 9.35





#15

Benzyl Alcohol

Concen: 51.118 ng

RT: 9.15 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

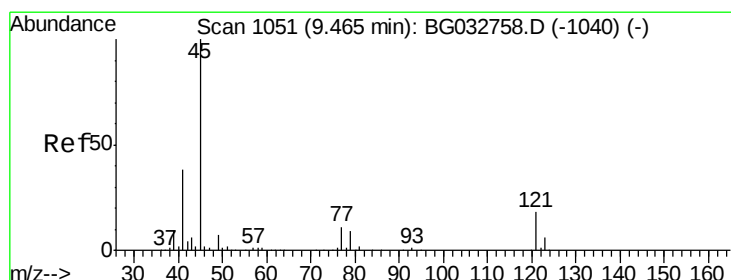
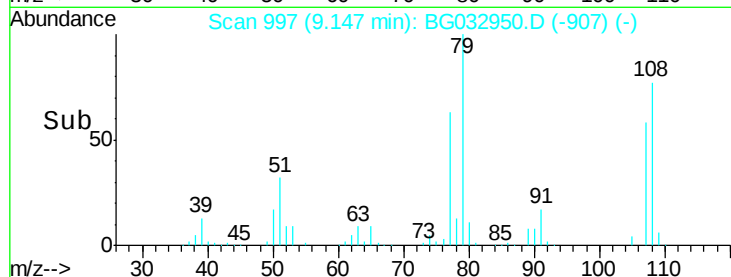
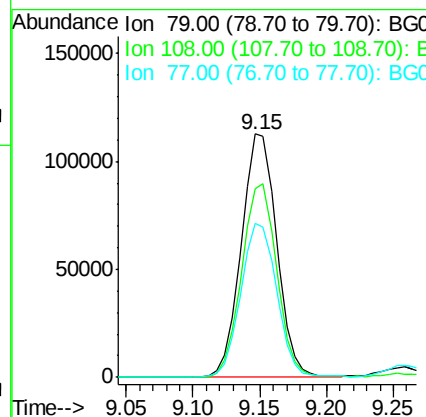
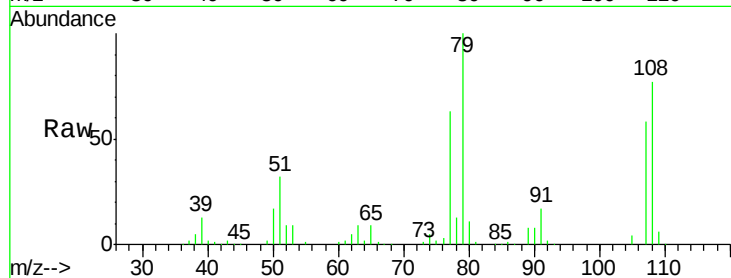
ClientSampleId :

JC-02-030118-AMSD

Tot Ion:	79	Resp:	207488
Ion Ratio	Lower	Upper	
79	100		
108	77.4	57.2	85.8
77	63.2	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 49.540 ng

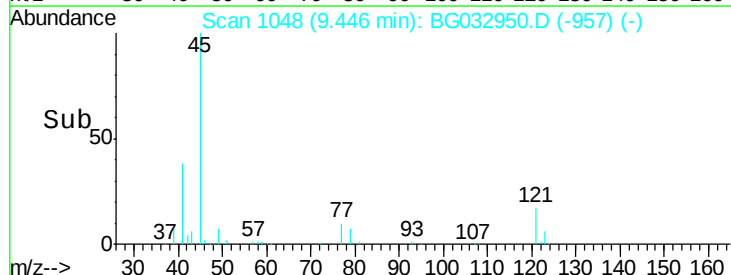
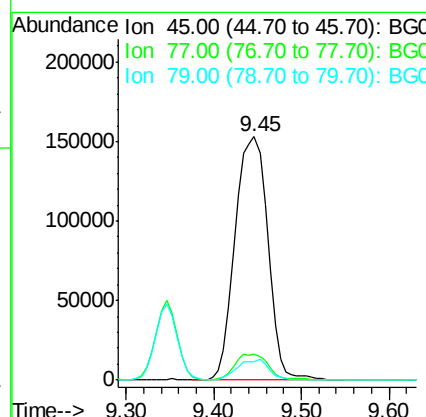
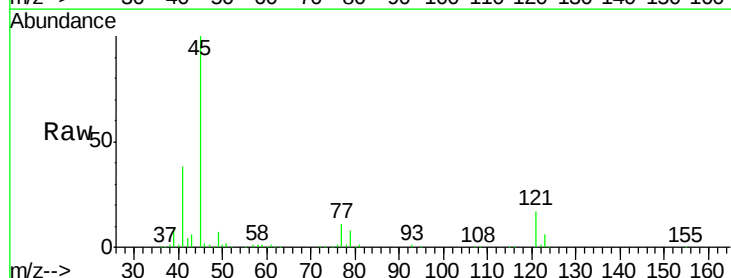
RT: 9.45 min Scan# 1048

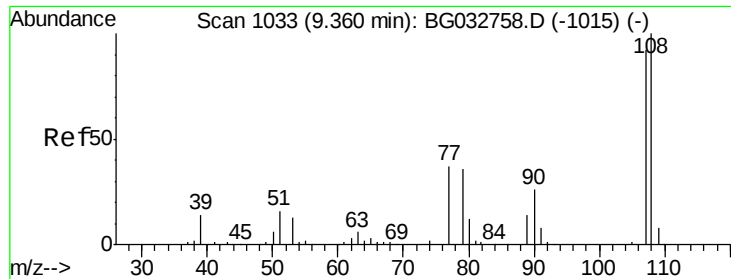
Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Tgt Ion:	45	Resp:	387589
Ion Ratio	Lower	Upper	
45	100		
77	10.9	0.0	30.2
79	7.6	0.0	27.9





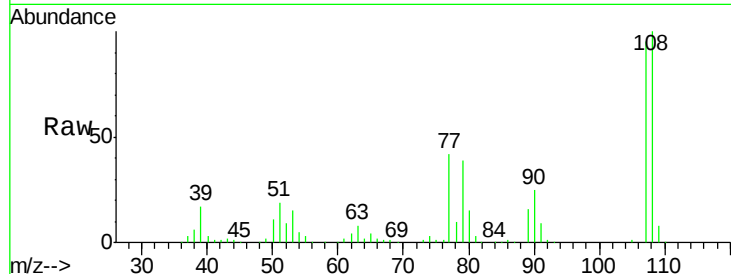
#17
2-Methylphenol
Concen: 49.089 ng
RT: 9.35 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

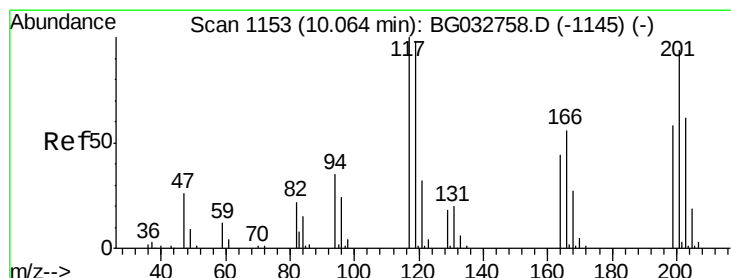
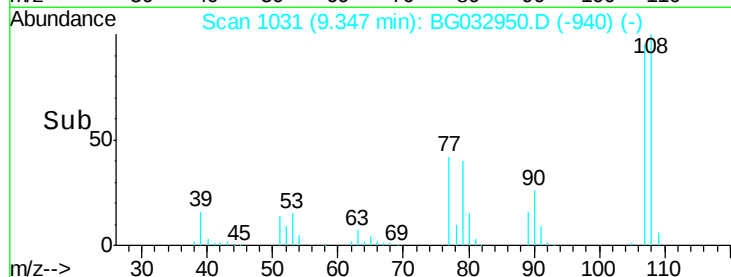
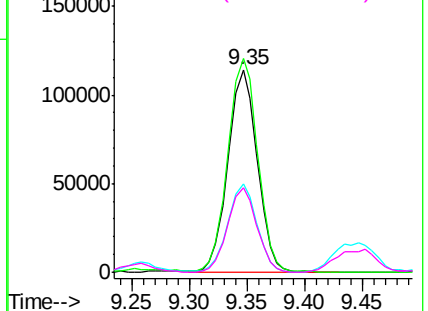
Tot Ion	Ratio	Lower	Upper
107	100		
108	105.5	83.9	125.9
77	43.9	37.2	55.8
79	41.6	36.2	54.2

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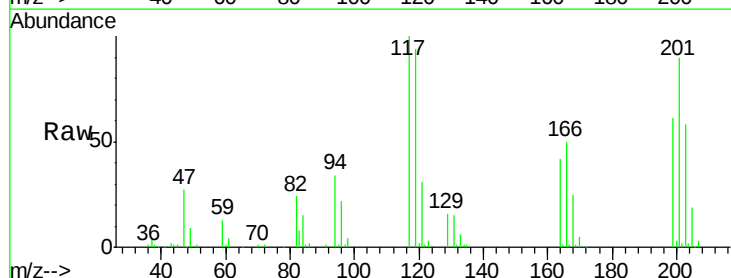


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

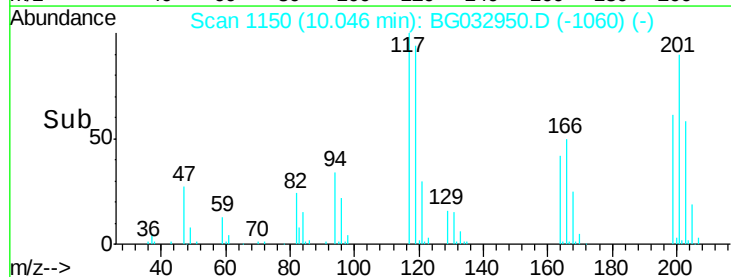
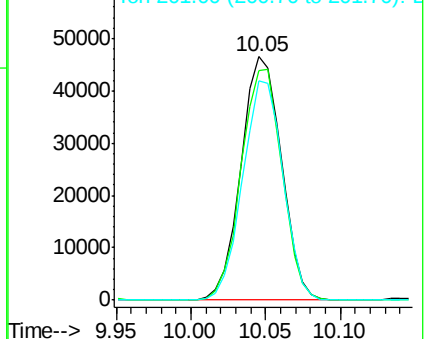


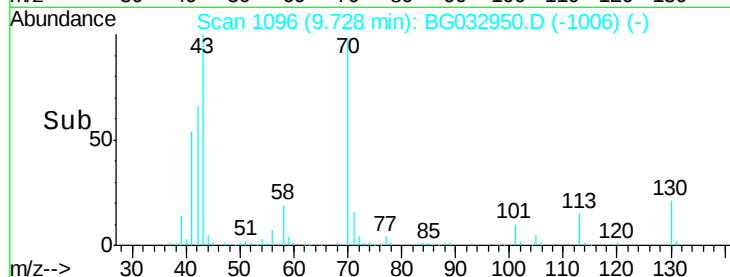
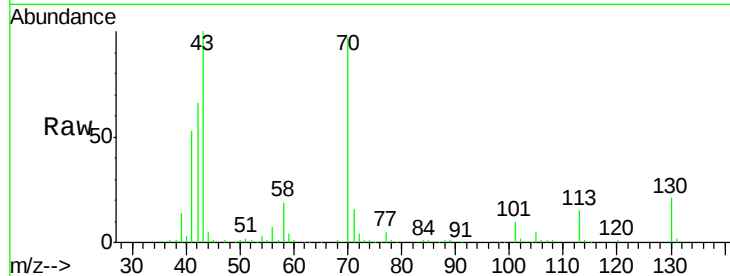
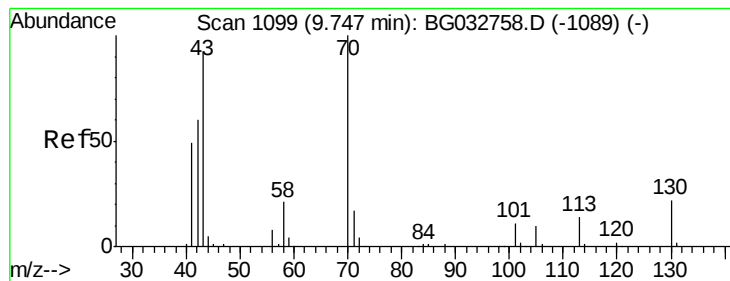
#18
Hexachloroethane
Concen: 50.129 ng
RT: 10.05 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.7	115.1
201	90.1	95.7	143.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 46.570 ng

RT: 9.73 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.5	49.1	73.7	
101	10.3	8.5	12.7	
130	21.3	13.4	20.0	

Instrument :

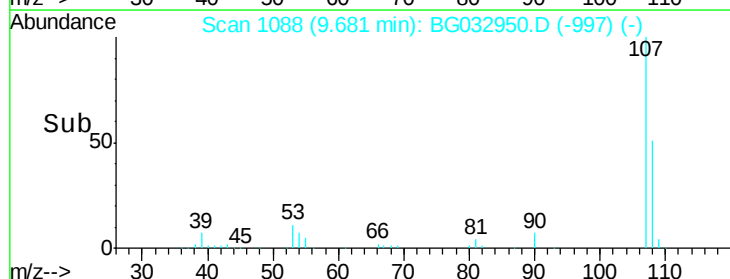
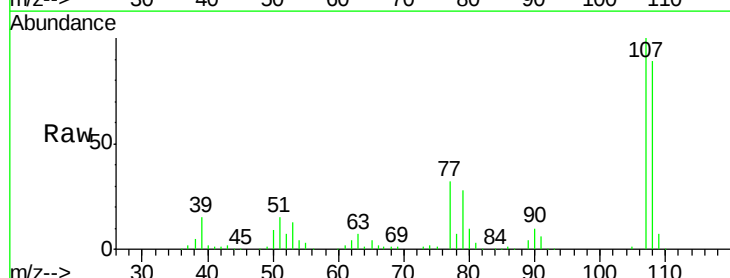
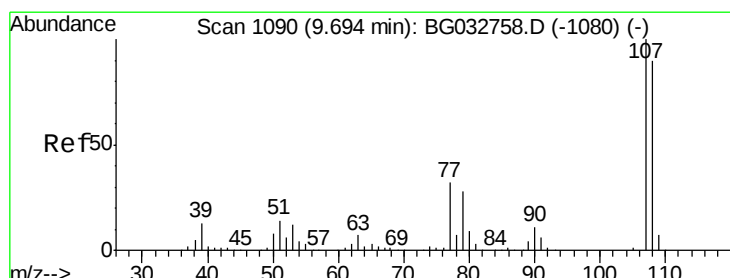
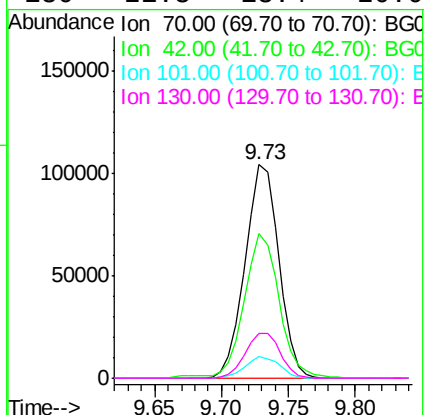
BNA_G

ClientSampleId :

JC-02-030118-AMSD

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#20

3+4-Methylphenols

Concen: 47.430 ng

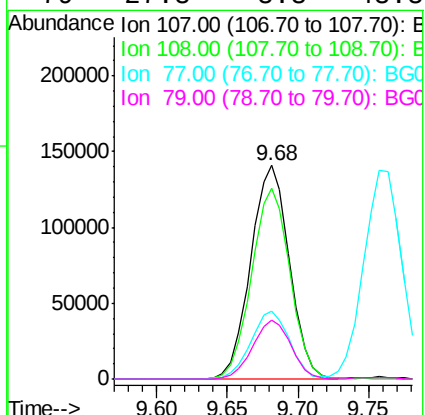
RT: 9.68 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	61.6	101.6	
77	32.0	13.9	53.9	
79	27.8	8.8	48.8	





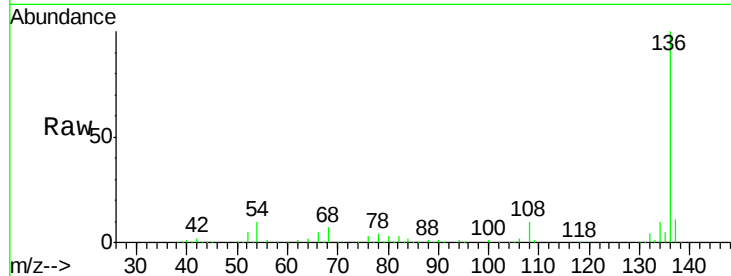
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

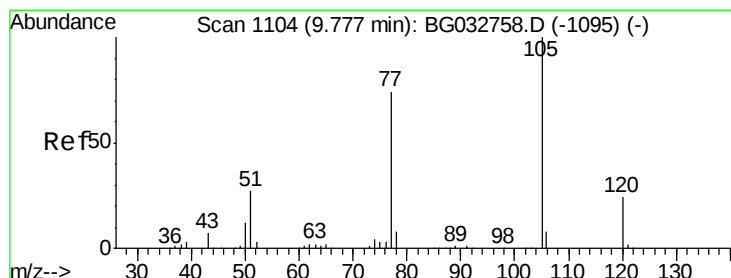
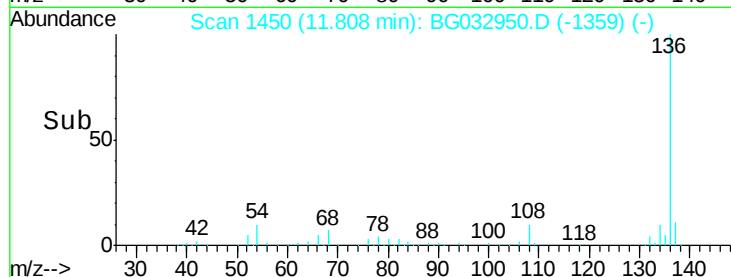
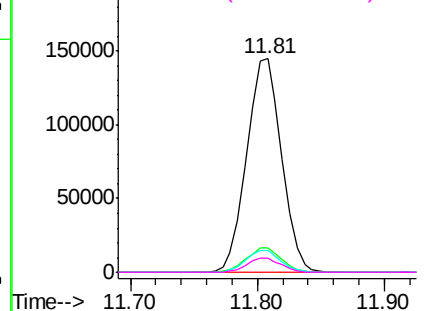
Tot Ion	Ratio	Resp	Lower	Upper
136	100	276312		
137	11.5	9.2	13.8	
54	9.9	10.3	15.5	
68	6.7	4.5	6.7	

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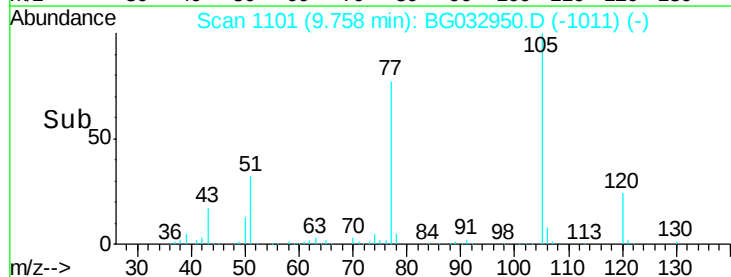
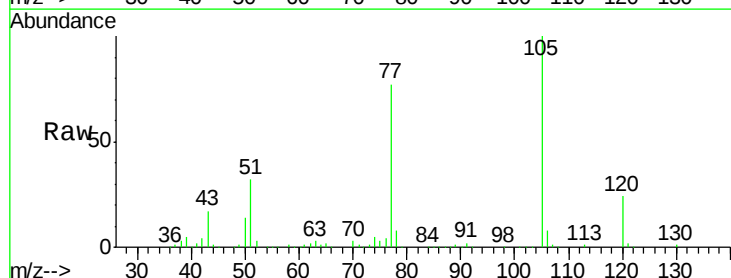
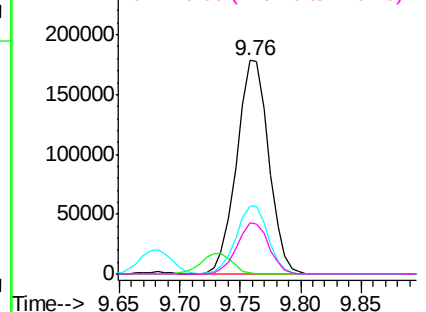
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 47.524 ng
RT: 9.76 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	331634		
71	0.6	3.0	4.4	
51	32.0	26.1	39.1	
120	23.8	17.4	26.2	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





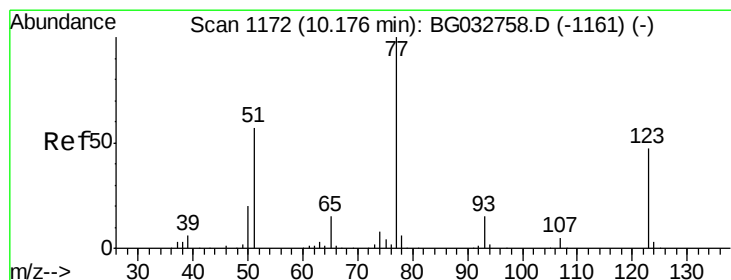
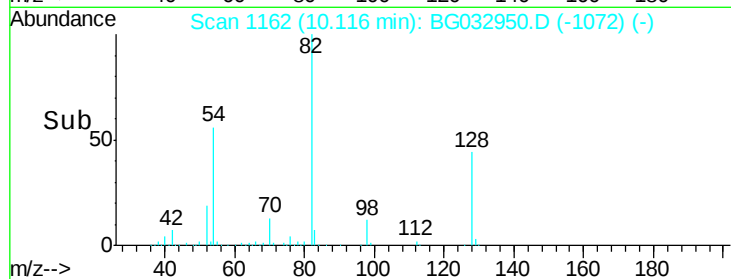
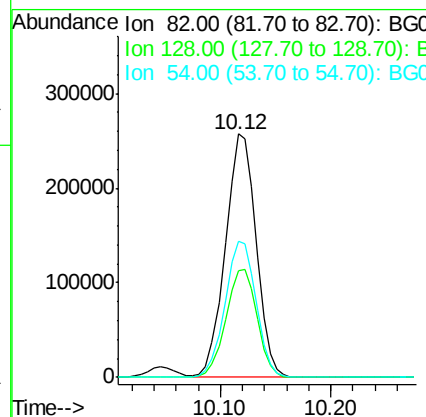
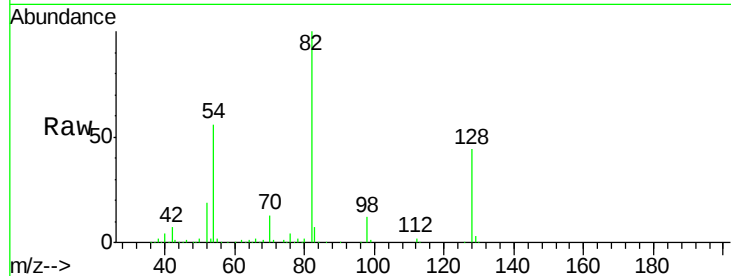
#23
 Nitrobenzene-d5
 Concen: 120.921 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-030118-AMSD

Tot Ion	82	Resp	500354
Ion Ratio	100	Lower	Upper
82	100		
128	44.0	29.7	44.5
54	55.8	43.1	64.7

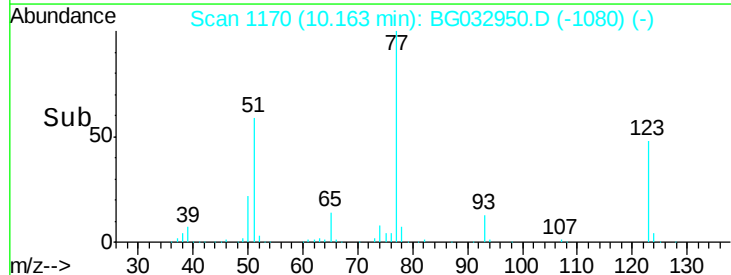
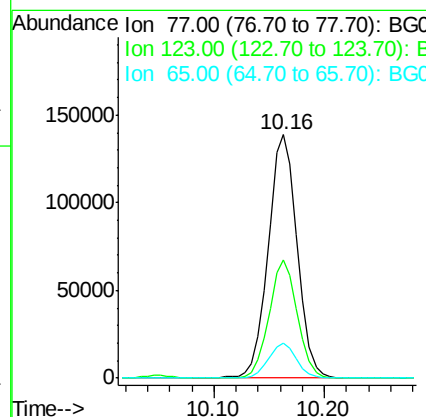
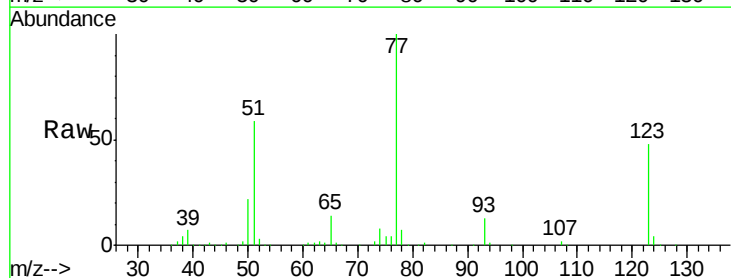
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#24
 Nitrobenzene
 Concen: 56.316 ng
 RT: 10.16 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion	77	Resp	253773
Ion Ratio	100	Lower	Upper
77	100		
123	48.3	33.0	49.6
65	14.1	13.0	19.6





#25

Isophorone

Concen: 51.439 ng

RT: 10.69 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

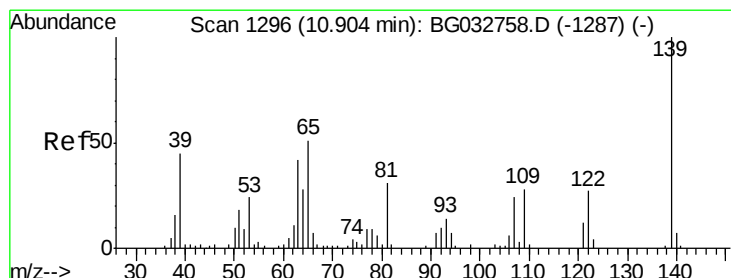
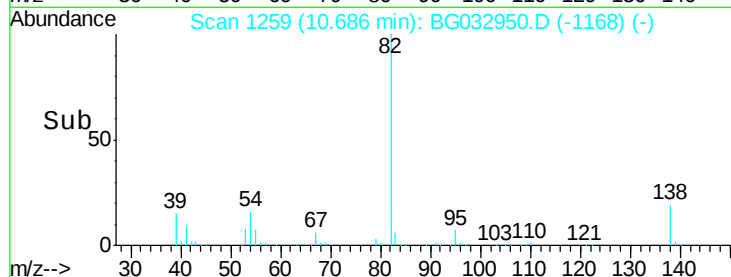
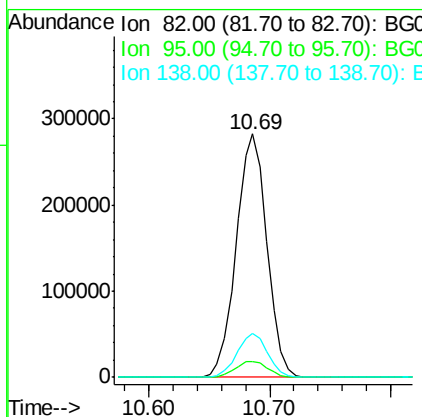
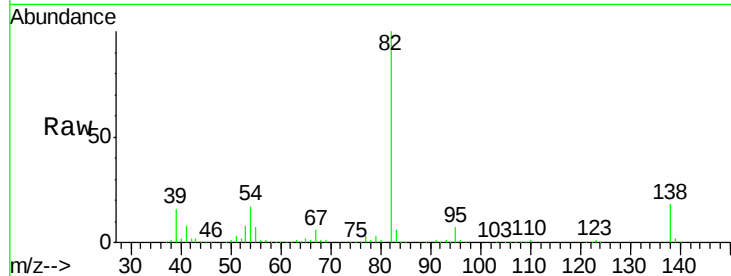
ClientSampleId :

JC-02-030118-AMSD

Tot Ion:	82	Resp:	498879
Ion Ratio		Lower	Upper
82	100		
95	6.5	6.2	9.2
138	18.2	12.1	18.1

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#26

2-Nitrophenol

Concen: 68.174 ng

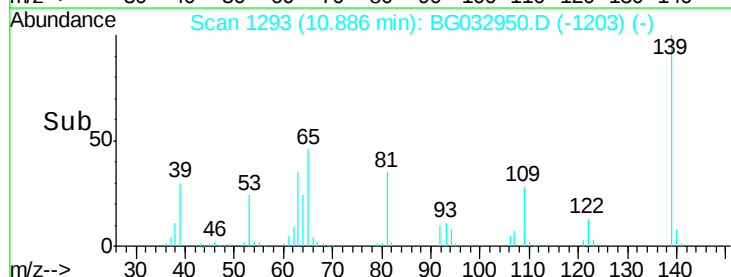
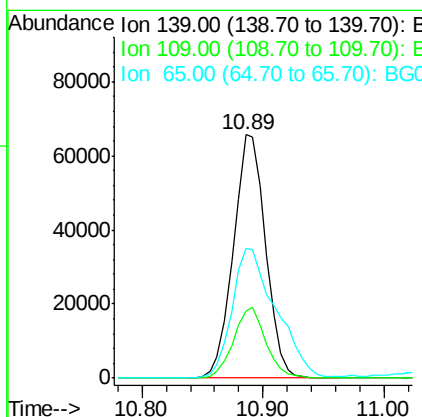
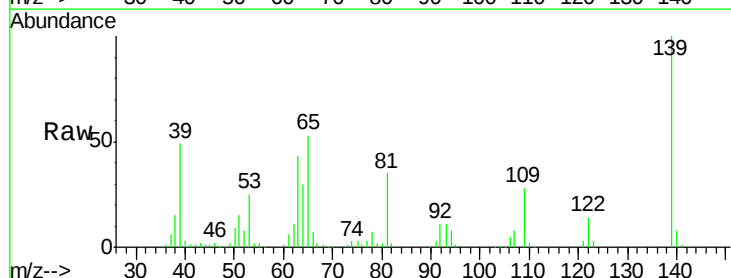
RT: 10.89 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Tgt Ion:	139	Resp:	121927
Ion Ratio		Lower	Upper
139	100		
109	27.6	24.2	36.2
65	53.0	47.4	71.0





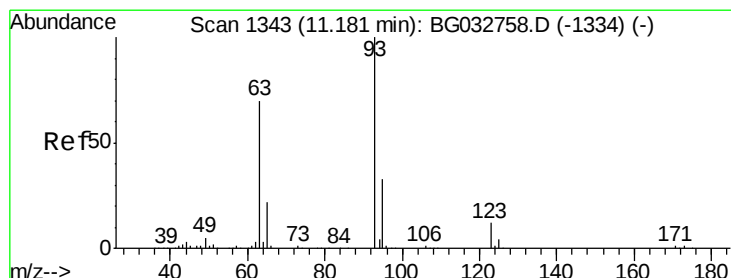
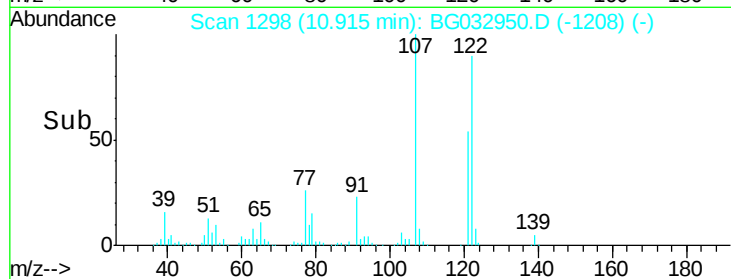
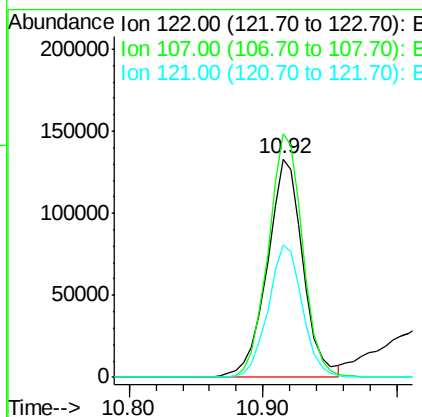
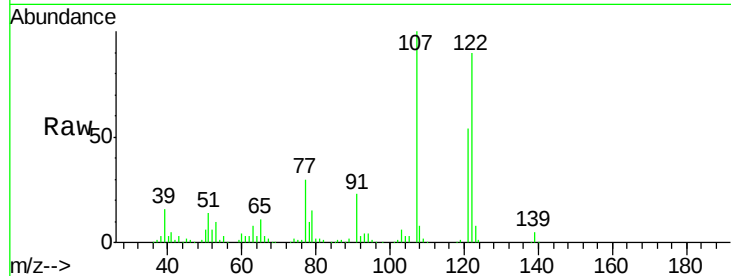
#27
2,4-Dimethylphenol
Concen: 58.800 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	100.2	150.2
121	60.4	44.4	66.6

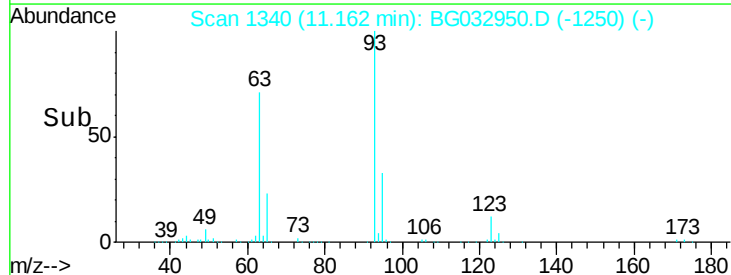
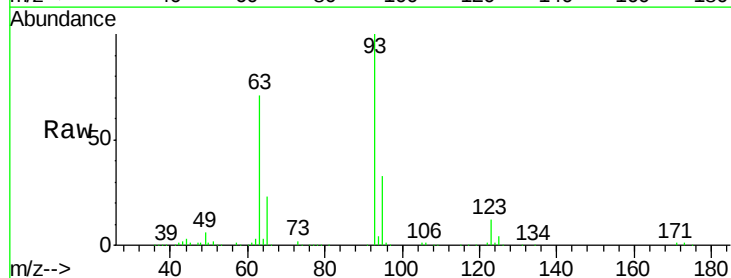
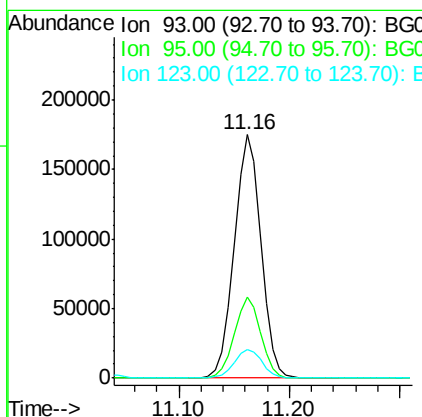
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#28
bis(2-Chloroethoxy)methane
Concen: 52.532 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	24.3	36.5
123	11.7	8.4	12.6





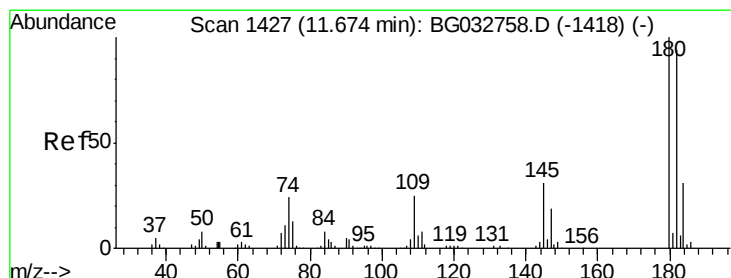
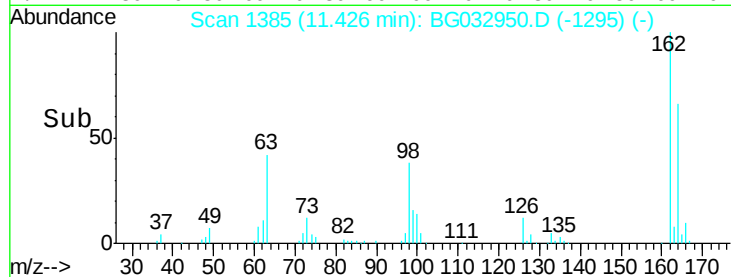
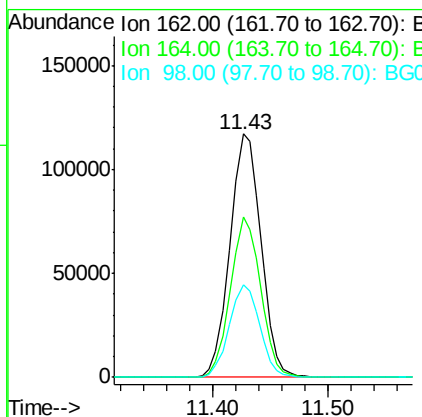
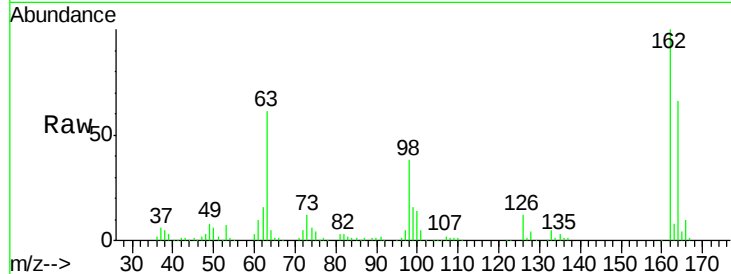
#29
2,4-Dichlorophenol
Concen: 57.090 ng
RT: 11.43 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	218301		
164	65.7	48.0	88.0	
98	37.9	21.1	61.1	

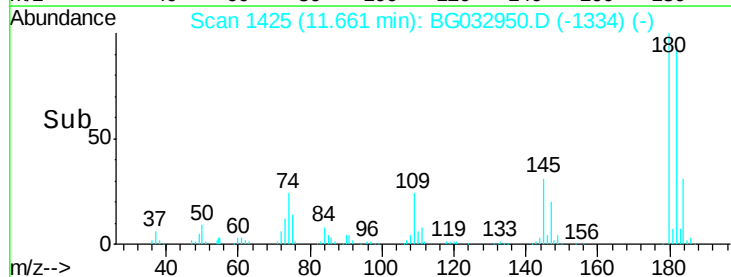
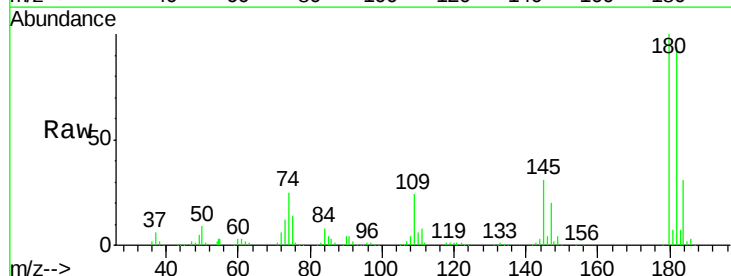
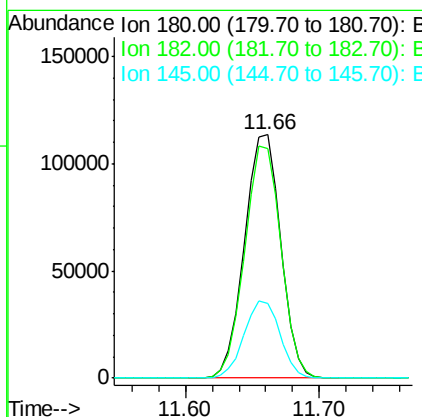
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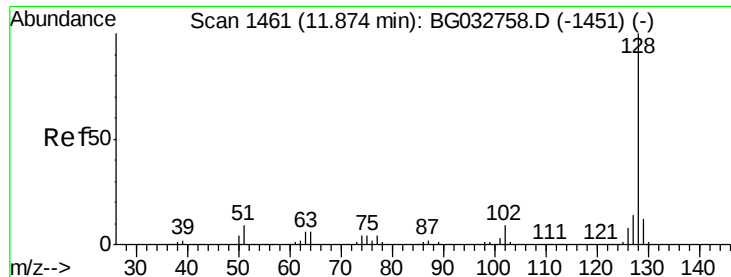
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#30
1,2,4-Trichlorobenzene
Concen: 47.397 ng
RT: 11.66 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	212448		
182	94.1	77.5	116.3	
145	30.7	23.4	35.2	





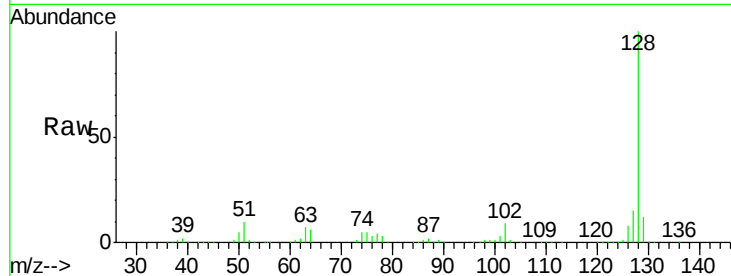
#31
Naphthalene
Concen: 58.413 ng
RT: 11.85 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	14.8	11.6	17.4

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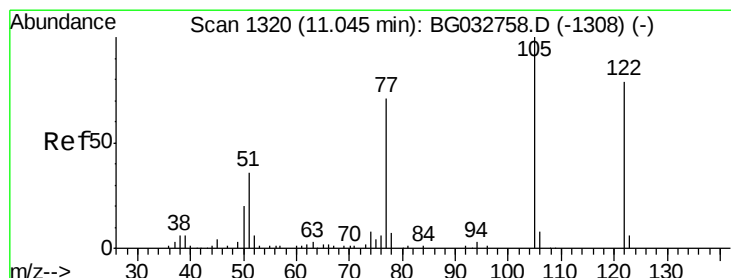
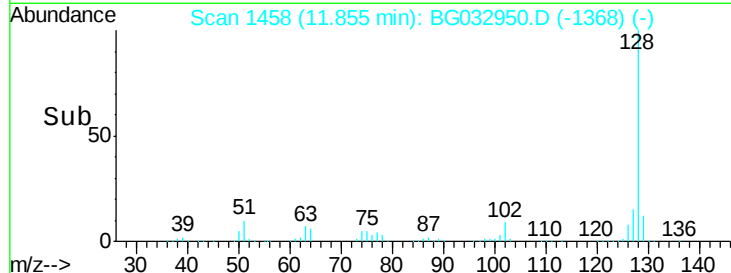
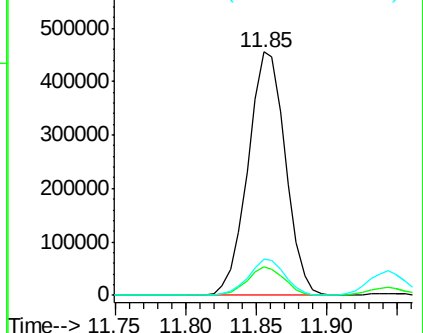


Abundance

Ion 128.00 (127.70 to 128.70): E

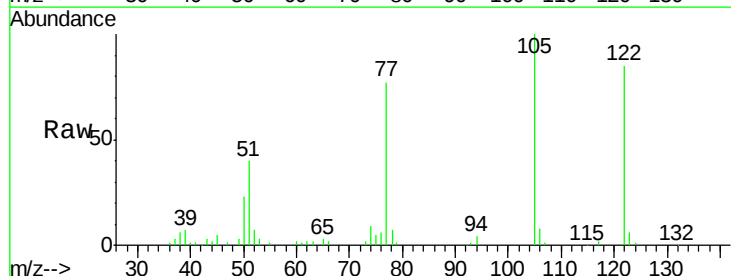
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 51.010 ng
RT: 11.03 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.8	123.5	163.5#
77	90.7	85.7	125.7

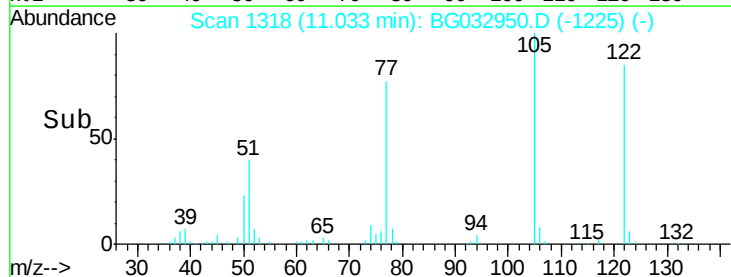
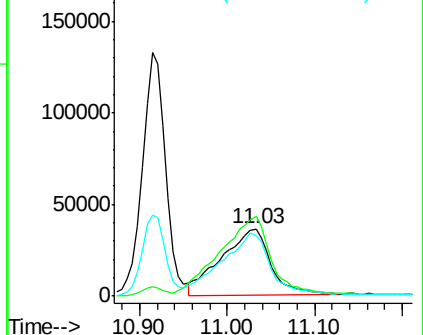


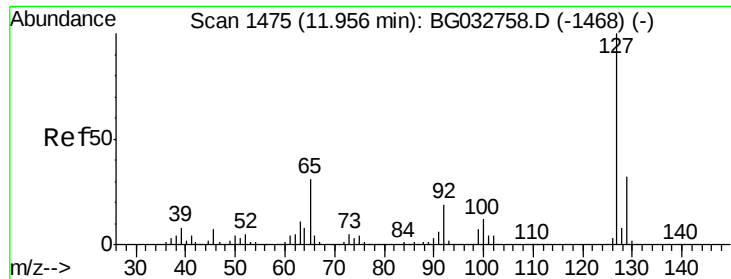
Abundance

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





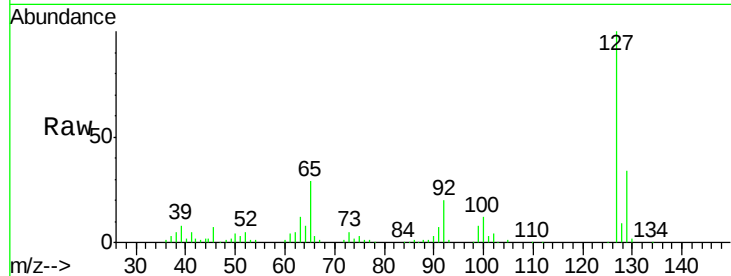
#33
4-Chloroaniline
Concen: 12.823 ng
RT: 11.94 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

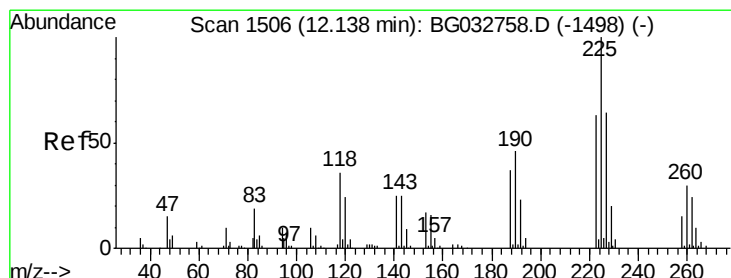
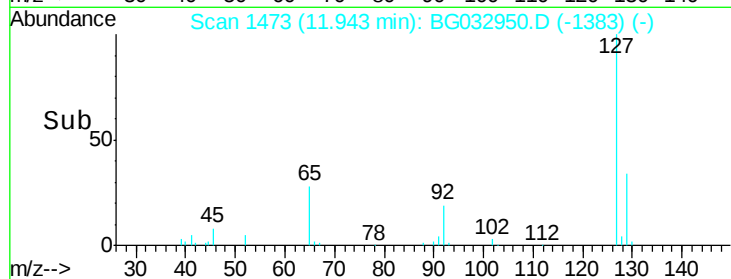
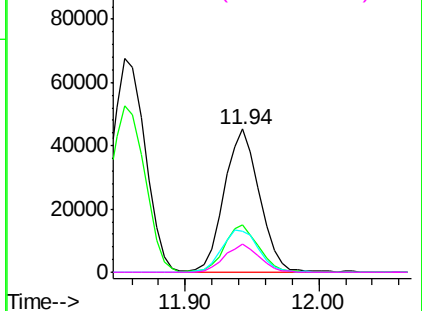
Tot Ion:	127	Resp:	82784
Ion Ratio	Lower	Upper	
127	100		
129	33.5	24.0	36.0
65	29.0	27.0	40.4
92	19.7	16.6	25.0

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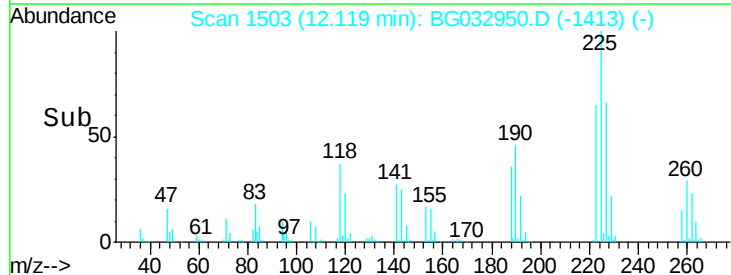
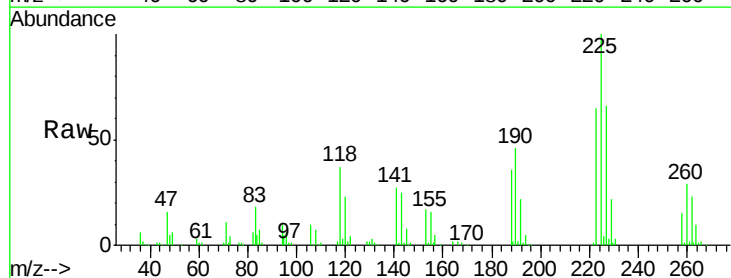
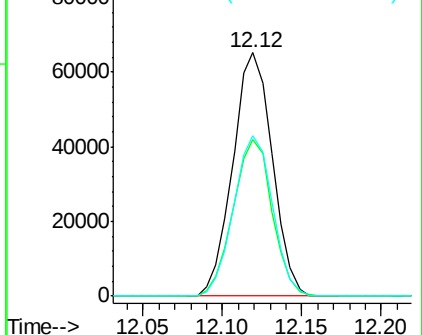
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

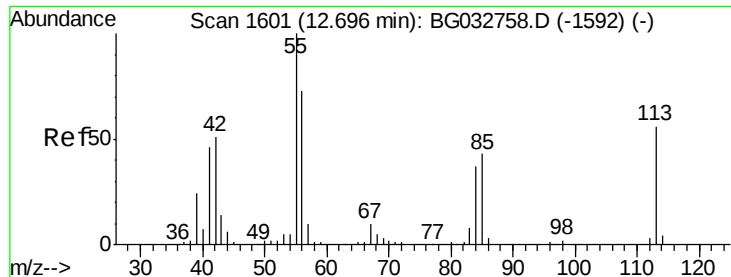


#34
Hexachlorobutadiene
Concen: 44.818 ng
RT: 12.12 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion:	225	Resp:	112680
Ion Ratio	Lower	Upper	
225	100		
223	64.6	49.7	74.5
227	66.1	48.1	72.1

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: 48.414 ng

RT: 12.69 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

JC-02-030118-AMSD

Tot Ion:113 Resp: 74126

Ion Ratio Lower Upper

113 100

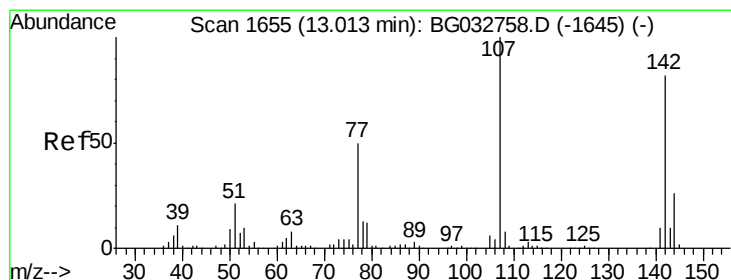
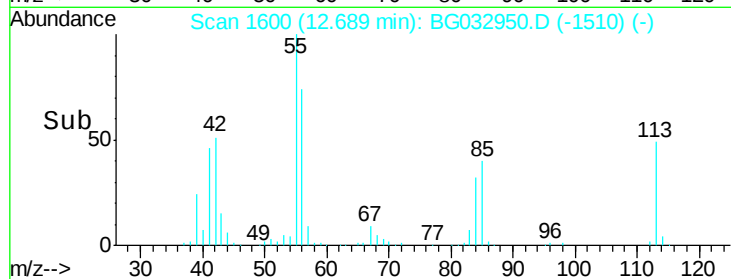
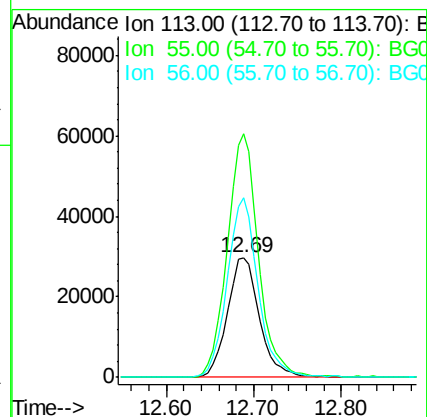
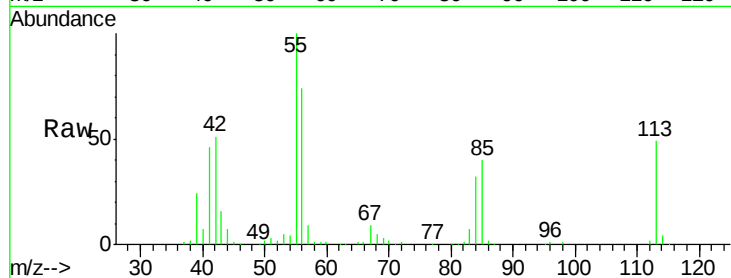
55 203.0 186.9 226.9

56 149.5 130.9 170.9

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#36

4-Chloro-3-methylphenol

Concen: 59.362 ng

RT: 13.01 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

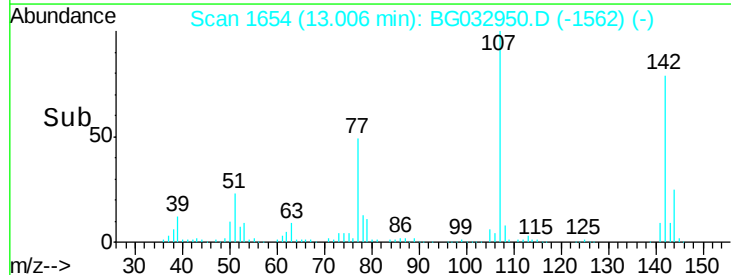
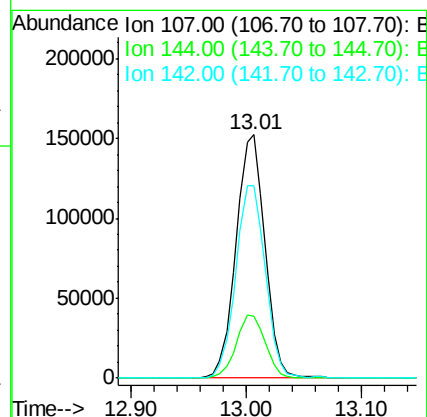
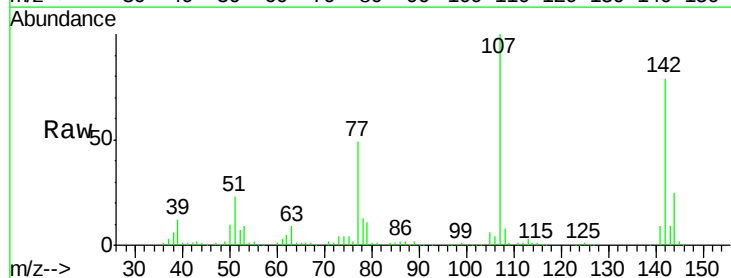
Tgt Ion:107 Resp: 264147

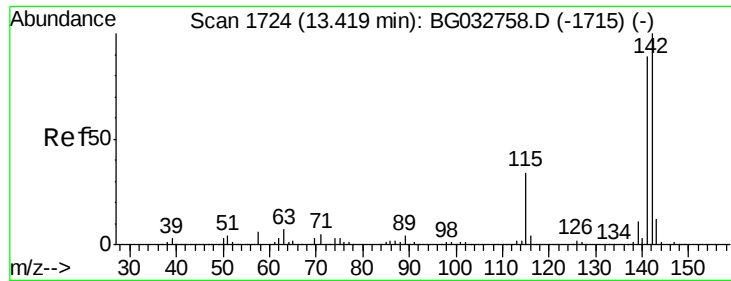
Ion Ratio Lower Upper

107 100

144 25.4 18.2 27.4

142 79.2 59.0 88.4





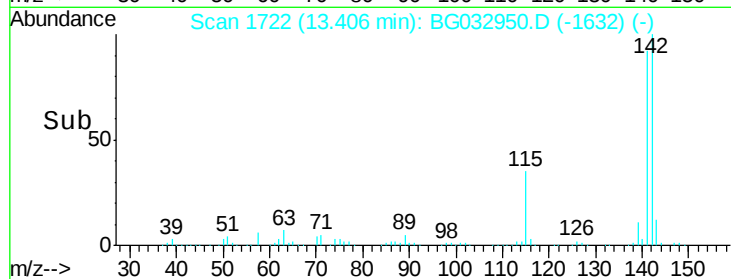
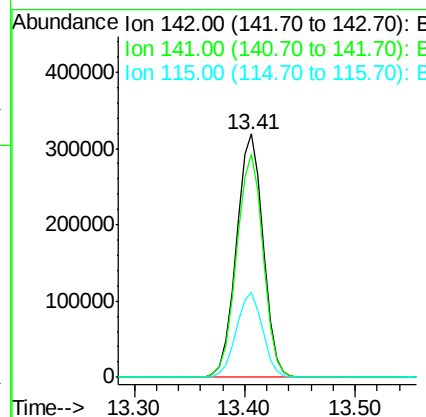
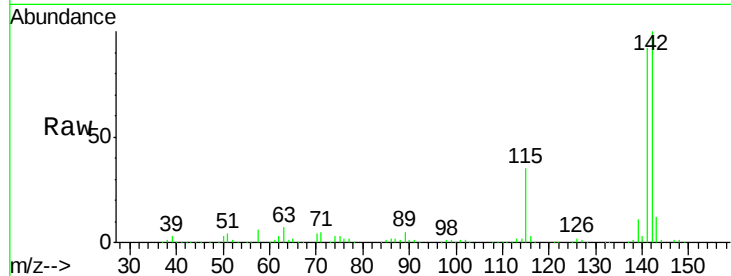
#37
2-Methylnaphthalene
Concen: 51.694 ng
RT: 13.41 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	67.1	100.7
115	35.0	30.7	46.1

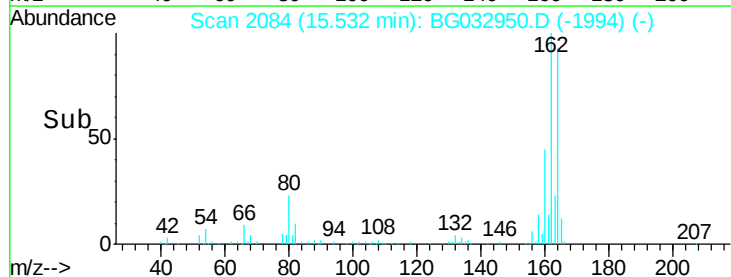
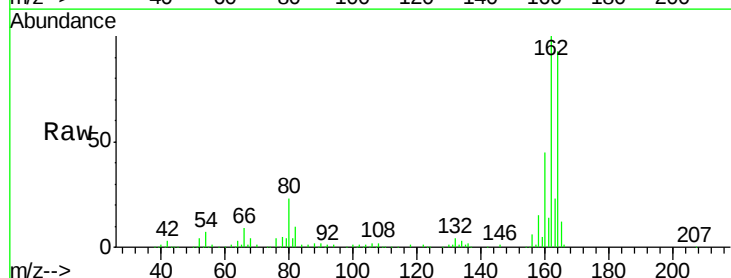
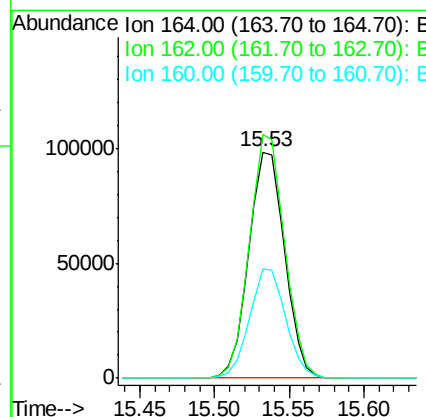
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	78.8	118.2
160	48.3	35.4	53.0





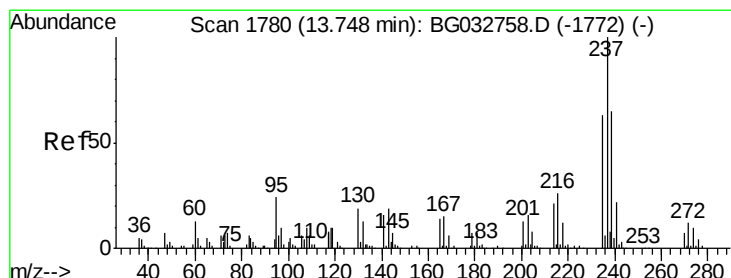
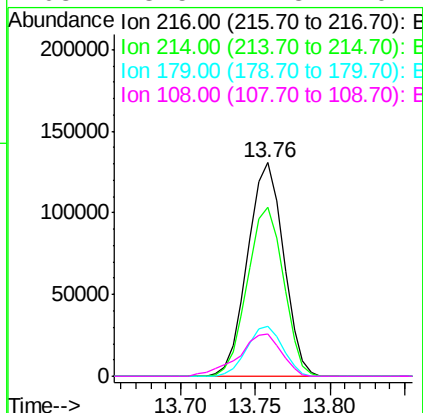
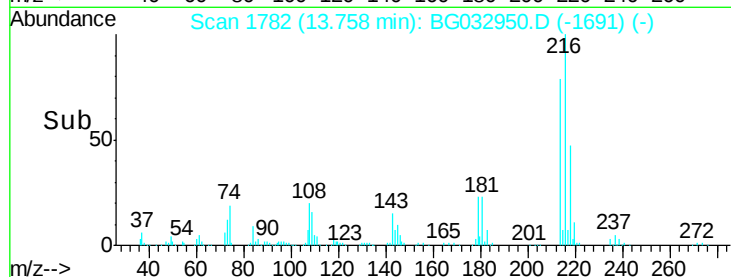
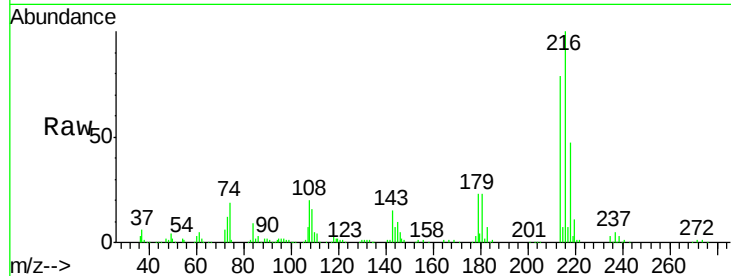
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.969 ng
 RT: 13.76 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-030118-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.7		63.0	94.4	
179	23.4		17.0	25.6	
108	23.5		12.8	19.2	

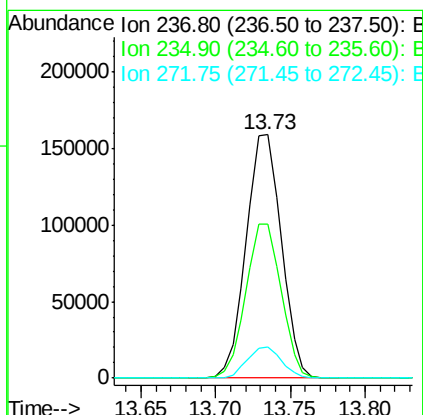
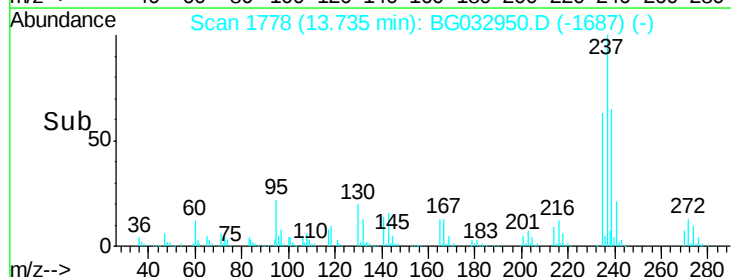
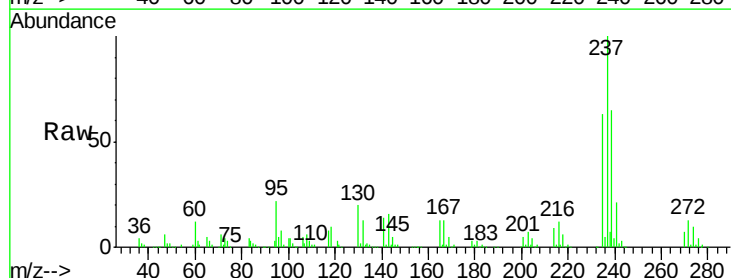
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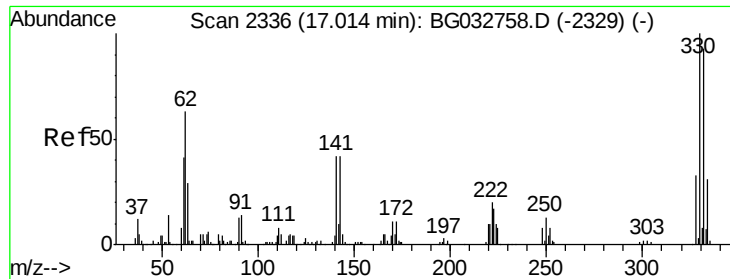
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#40
 Hexachlorocyclopentadiene
 Concen: 105.361 ng
 RT: 13.73 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.2		50.4	90.4	
272	12.6		0.0	31.8	





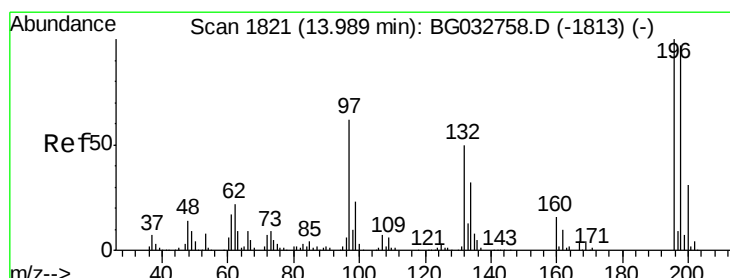
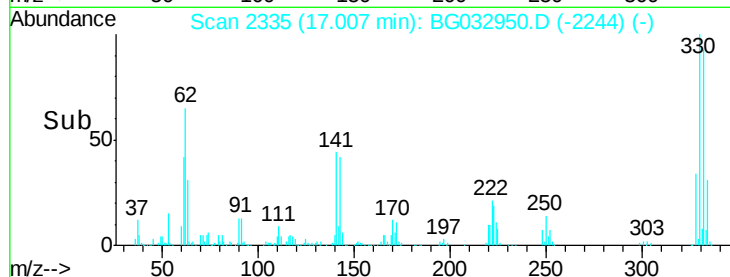
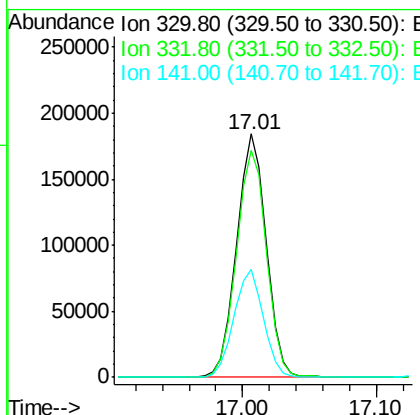
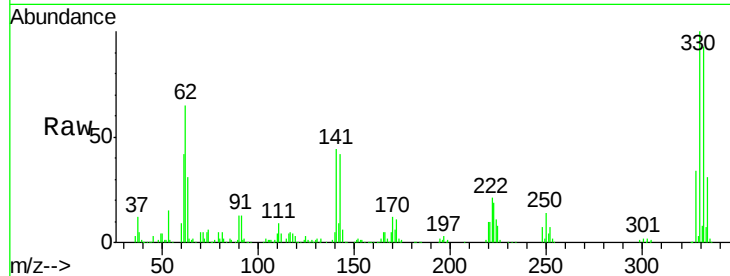
#41
 2,4,6-Tribromophenol
 Concen: 165.387 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-030118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	283461		
332	94.8	77.0	115.6	
141	44.4	25.2	37.8	

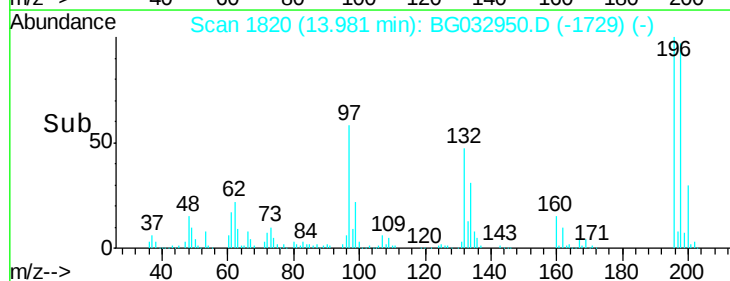
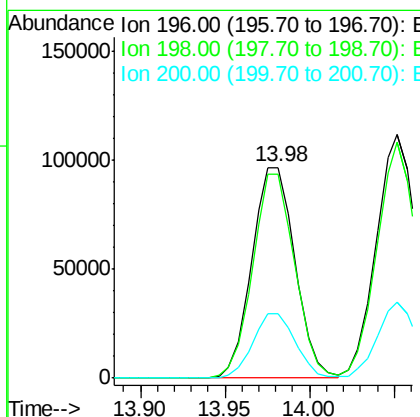
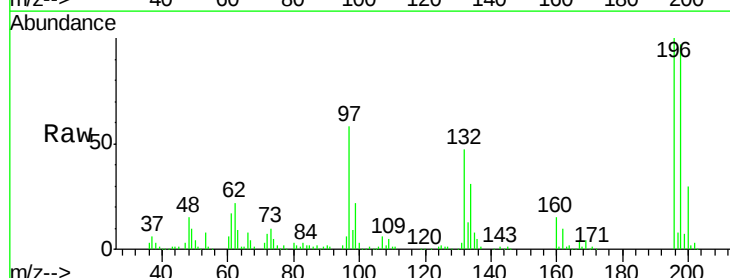
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 56.023 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	170956		
198	96.9	78.2	117.2	
200	30.3	24.6	36.8	





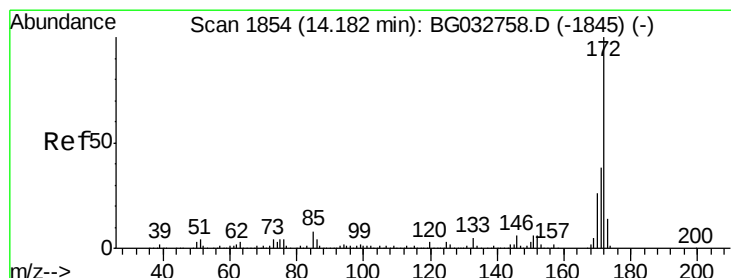
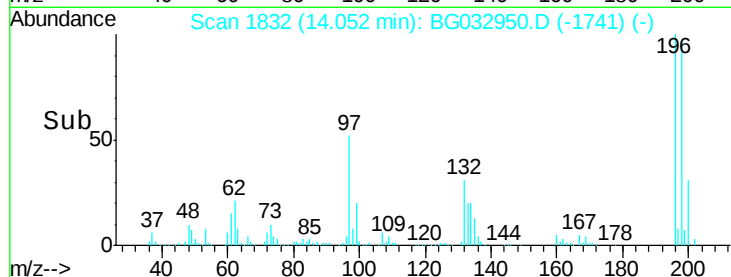
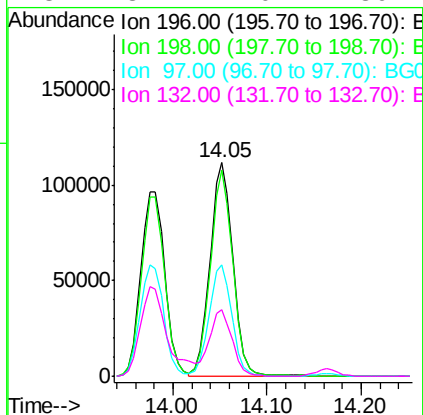
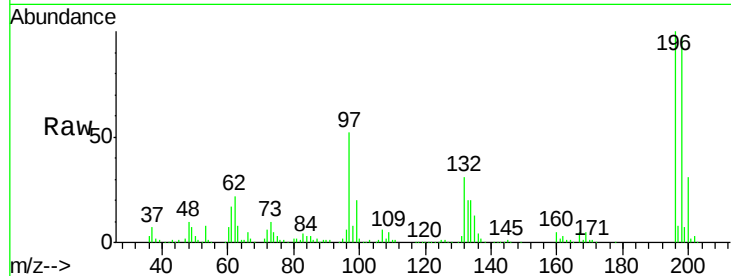
#43
 2,4,5-Trichlorophenol
 Concen: 53.661 ng
 RT: 14.05 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-030118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	189517		
198	96.8	76.2	114.4	
97	52.4	38.7	58.1	
132	31.4	20.2	30.2	

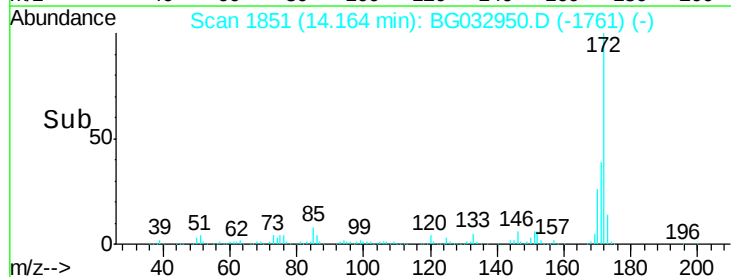
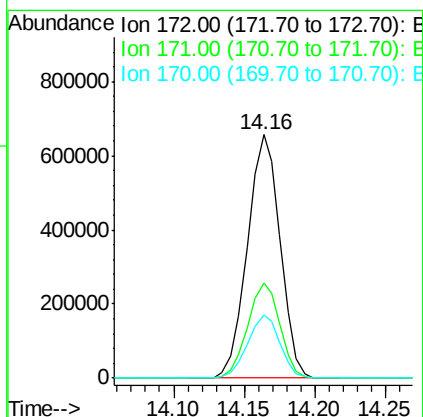
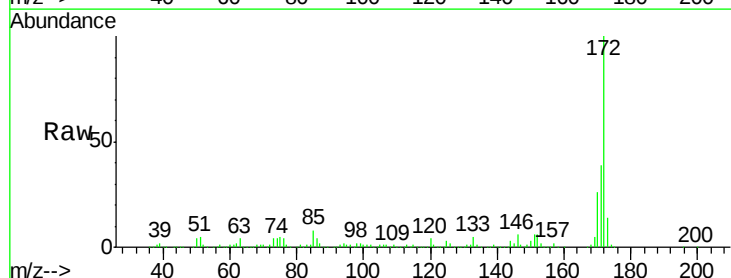
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 94.154 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1064122		
171	39.3	30.0	45.0	
170	26.1	19.5	29.3	





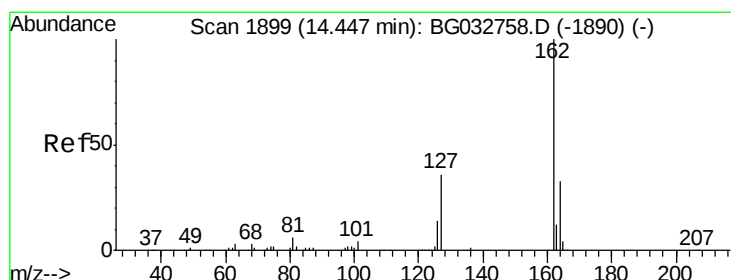
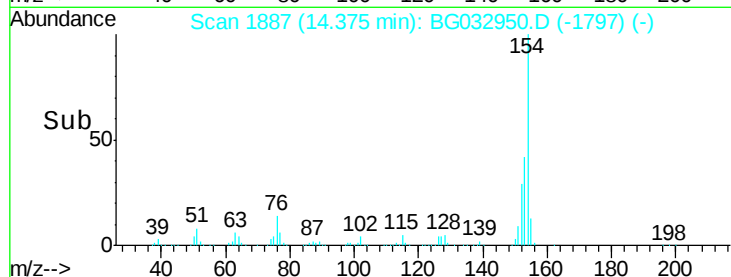
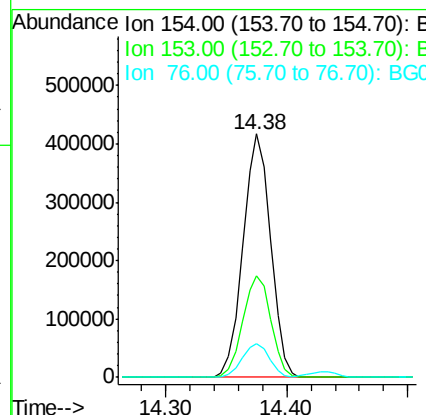
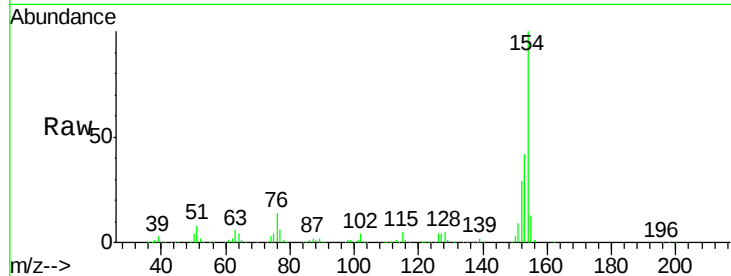
#45
 1,1'-Biphenyl
 Concen: 46.637 ng
 RT: 14.38 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-030118-AMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	19.8	59.8
76	13.8	0.0	31.9

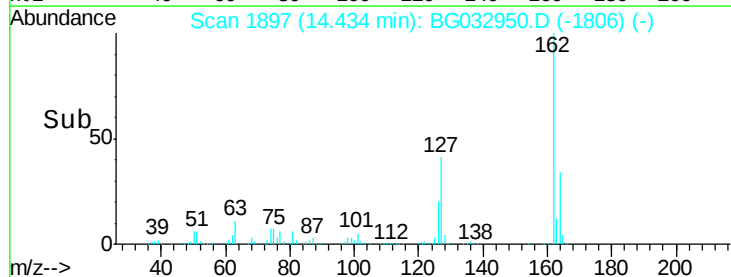
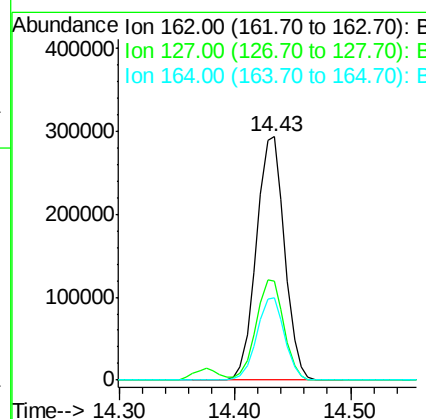
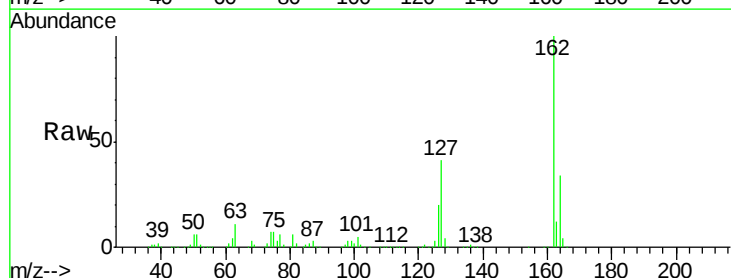
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#46
 2-Chloronaphthalene
 Concen: 47.022 ng
 RT: 14.43 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.7	46.1
164	33.6	26.0	39.0





#47

2-Nitroaniline

Concen: 64.610 ng

RT: 14.61 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

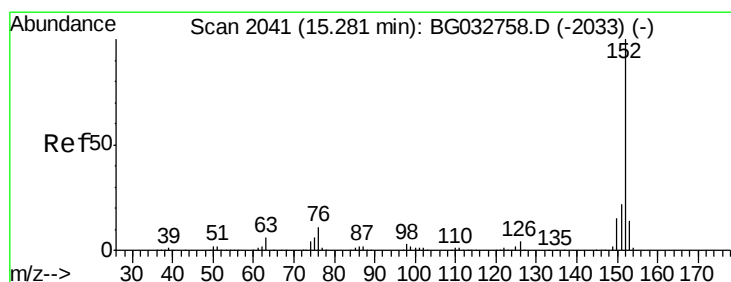
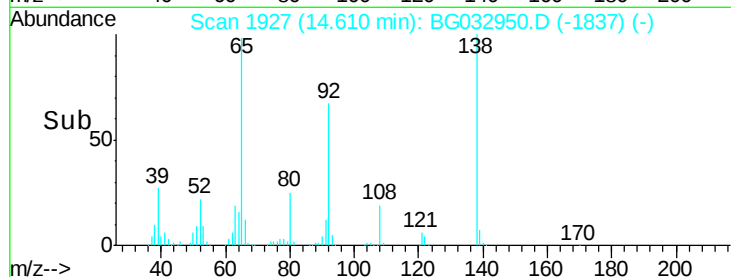
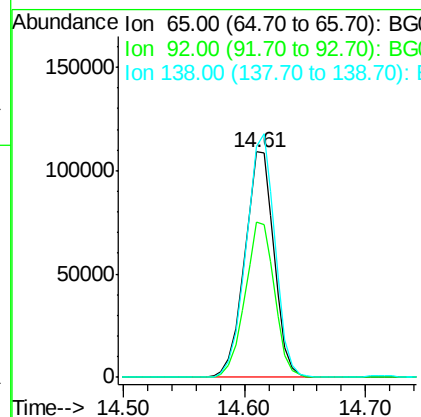
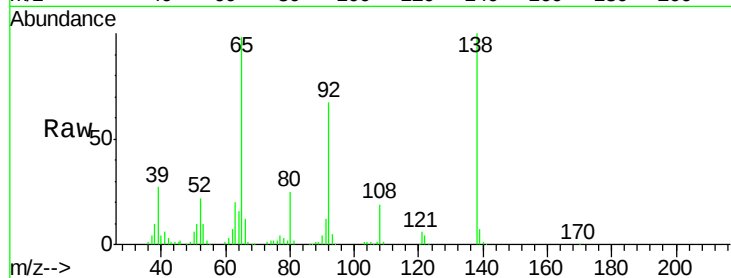
ClientSampleId :

JC-02-030118-AMSD

Tot Ion:	65	Resp:	184860
Ion Ratio	Lower	Upper	
65	100		
92	68.7	54.6	82.0
138	102.3	72.9	109.3

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#48

Acenaphthylene

Concen: 47.694 ng

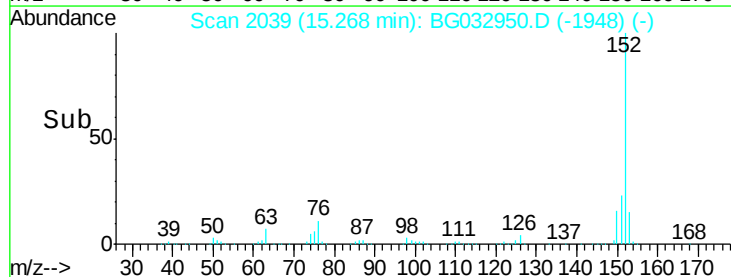
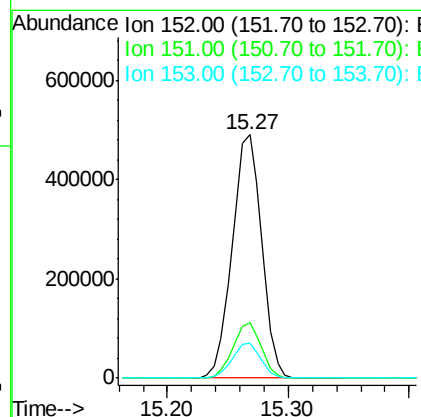
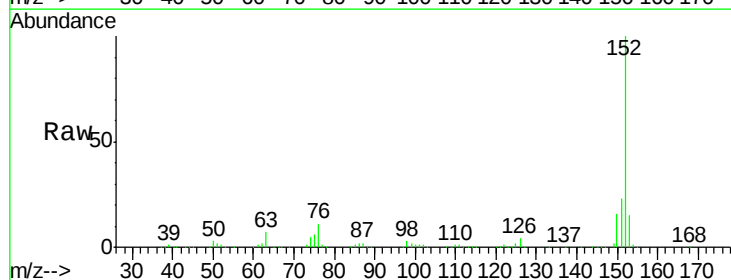
RT: 15.27 min Scan# 2039

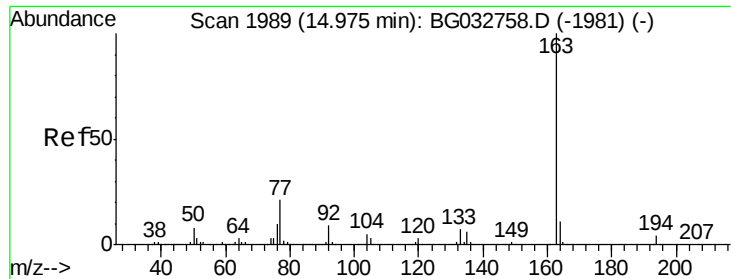
Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Tgt Ion:	152	Resp:	830839
Ion Ratio	Lower	Upper	
152	100		
151	22.9	17.2	25.8
153	14.6	10.2	15.4





#49

Dimethylphthalate

Concen: 48.662 ng

RT: 14.96 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

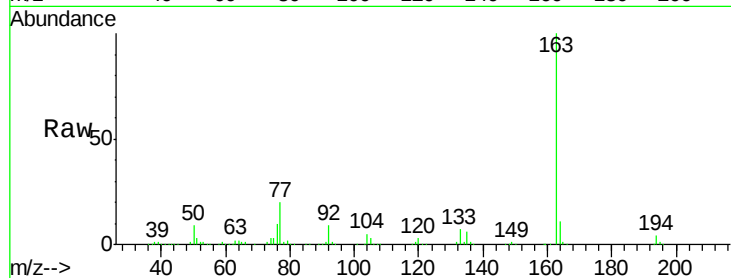
ClientSampleId :

JC-02-030118-AMSD

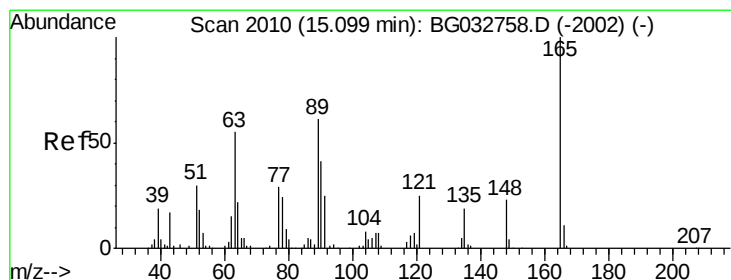
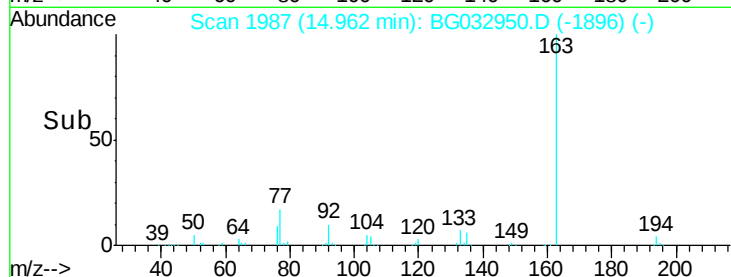
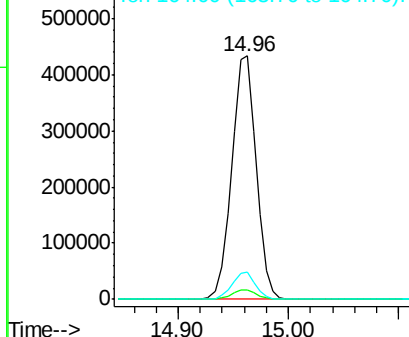
Tot Ion:	163	Resp:	673501
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.2
164	11.0	8.2	12.4

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 62.840 ng

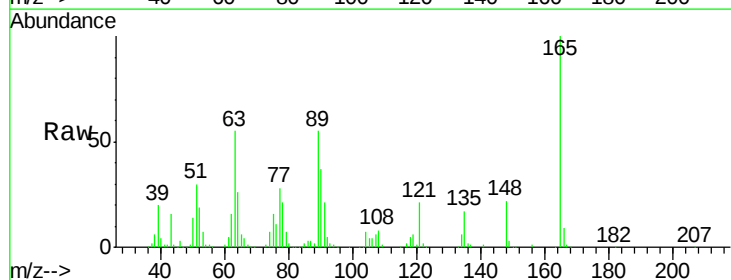
RT: 15.09 min Scan# 2009

Delta R.T. 0.00 min

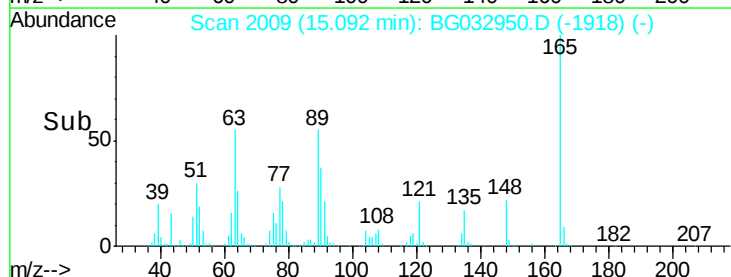
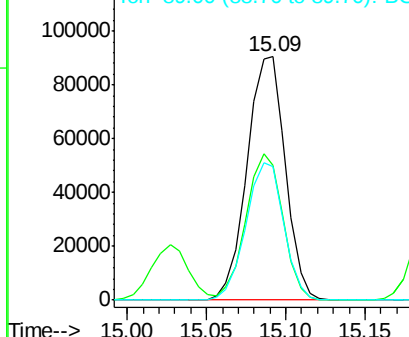
Lab File: BG032950.D

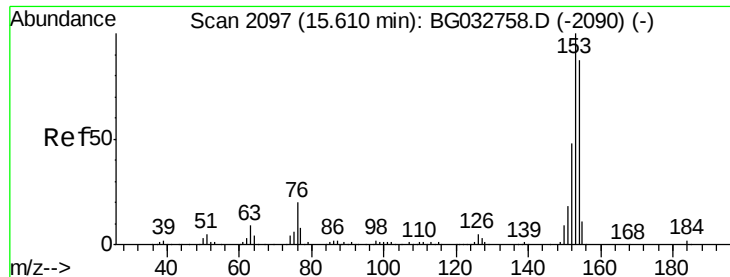
Acq: 2 Mar 2018 17:54

Tgt Ion:	165	Resp:	151691
Ion Ratio	Lower	Upper	
165	100		
63	55.5	52.7	79.1
89	54.8	49.2	73.8



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





#51

Acenaphthene

Concen: 52.105 ng

RT: 15.60 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

JC-02-030118-AMSD

Tot Ion:154 Resp: 565288

Ion Ratio Lower Upper

154 100

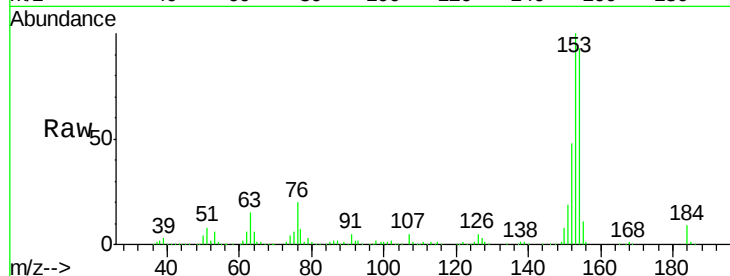
153 107.8 90.4 135.6

152 52.0 41.6 62.4

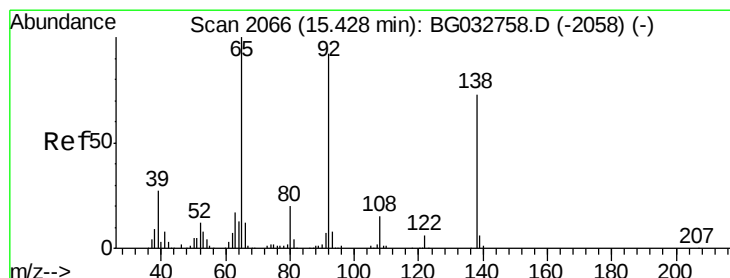
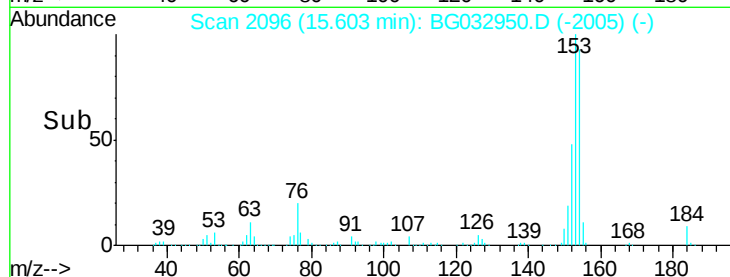
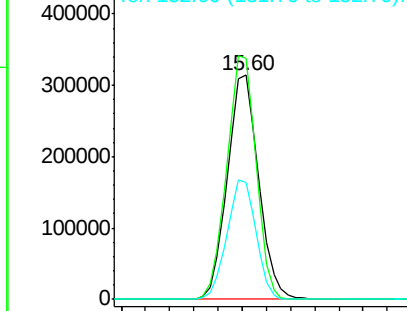
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.394 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

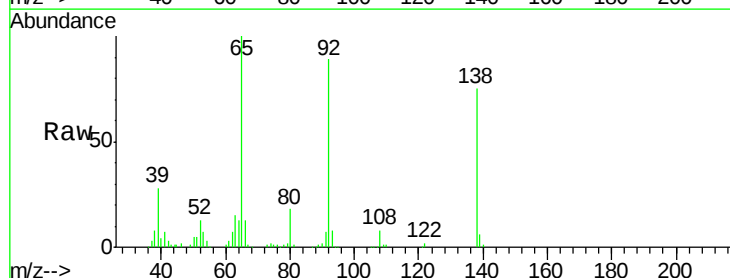
Tgt Ion:138 Resp: 83558

Ion Ratio Lower Upper

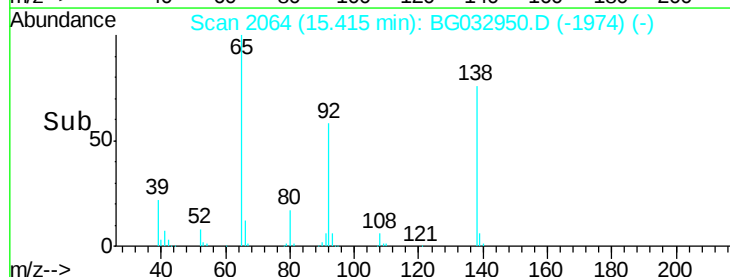
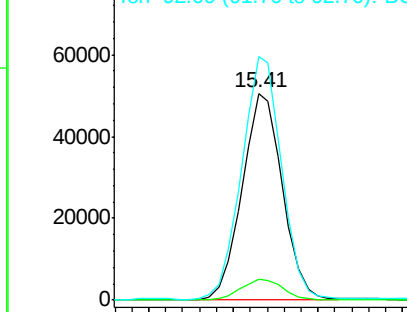
138 100

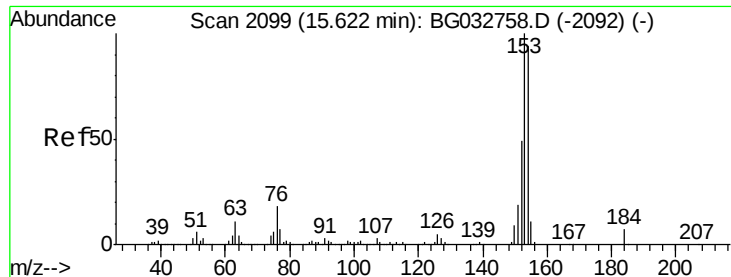
108 10.2 17.5 26.3#

92 117.9 105.8 158.8



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





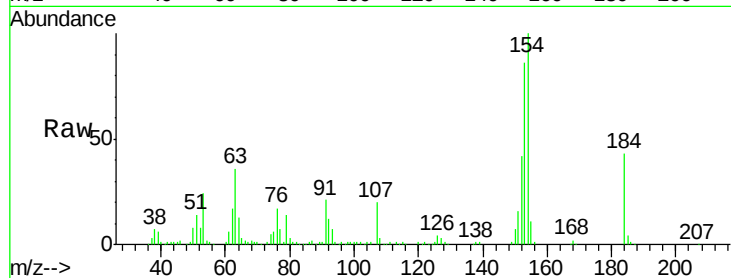
#53
2,4-Dinitrophenol
Concen: 126.305 ng
RT: 15.61 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

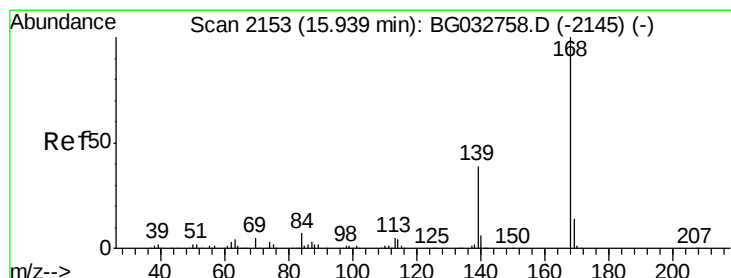
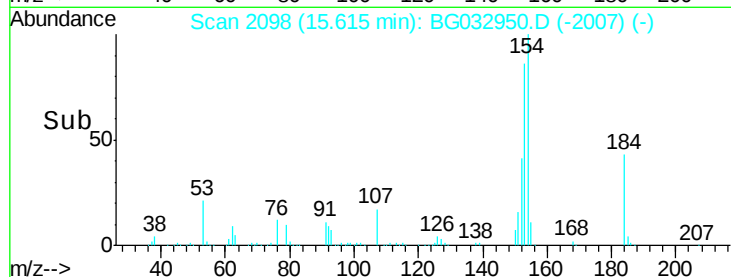
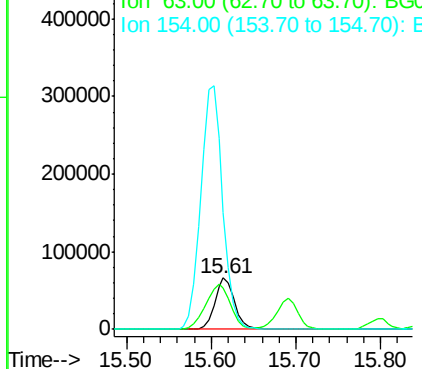
Tot Ion	Ratio	Lower	Upper
184	100		
63	82.2	59.8	89.8
154	230.0	101.8	152.8#

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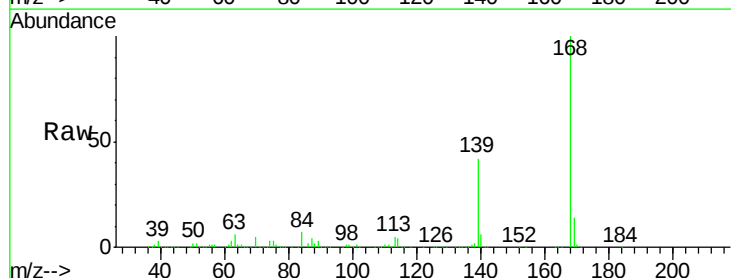


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

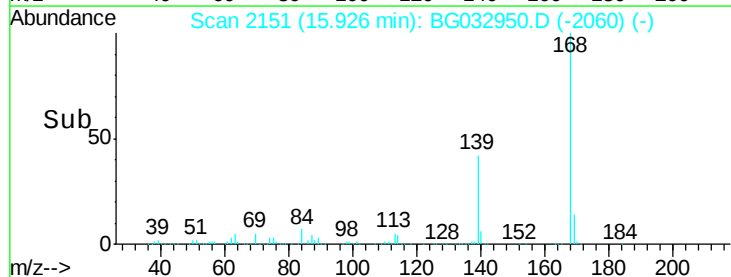
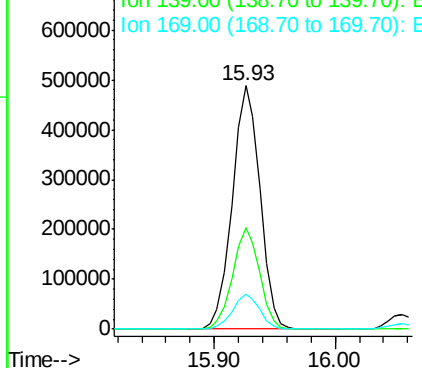


#54
Dibenzofuran
Concen: 50.263 ng
RT: 15.93 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.7	28.6	43.0
169	14.2	11.2	16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





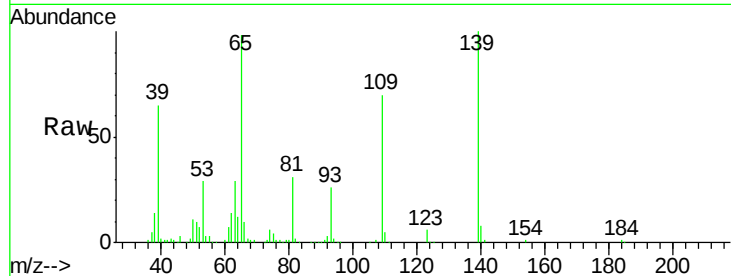
#55
4-Nitrophenol
Concen: 101.190 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	234007		
109	70.2	62.2	102.2	
65	98.4	97.2	137.2	

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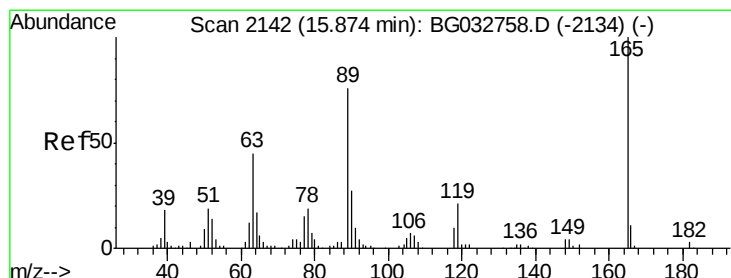
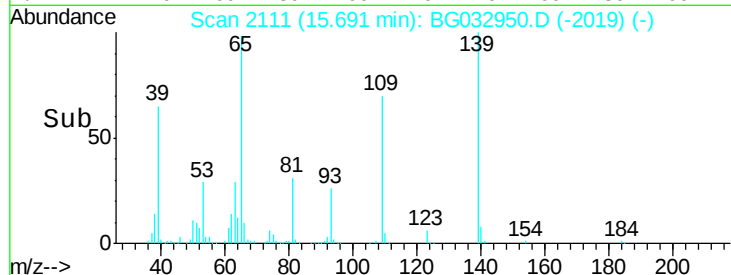
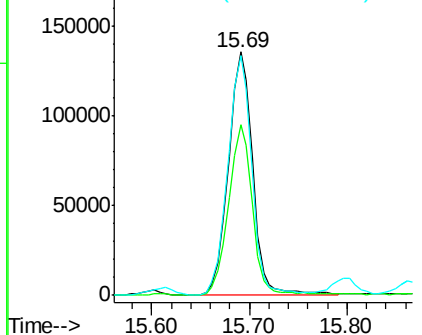


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56
2,4-Dinitrotoluene
Concen: 71.202 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	216568		
63	40.1	42.0	63.0#	
89	64.6	66.9	100.3#	
182	2.8	2.6	3.8	

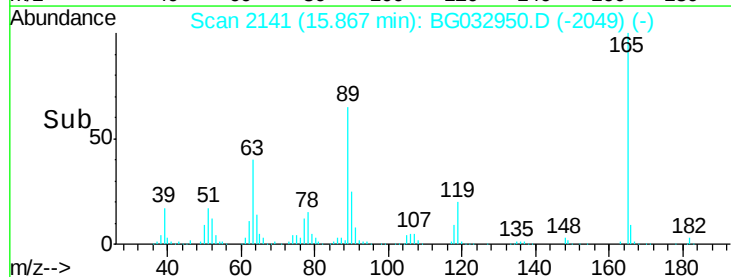
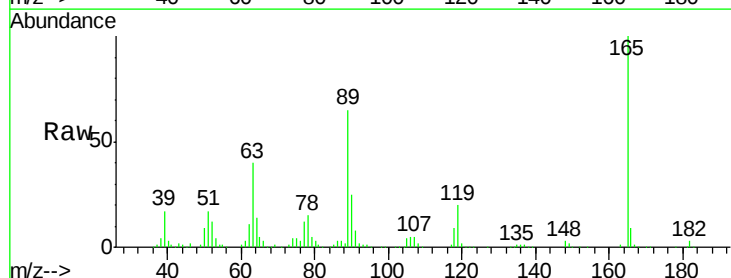
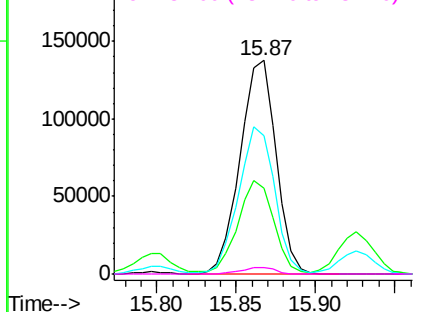
Abundance

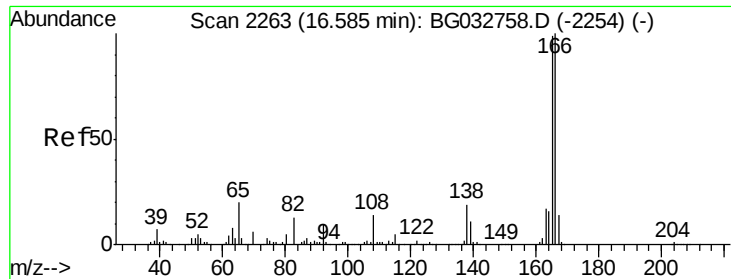
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 49.726 ng

RT: 16.57 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

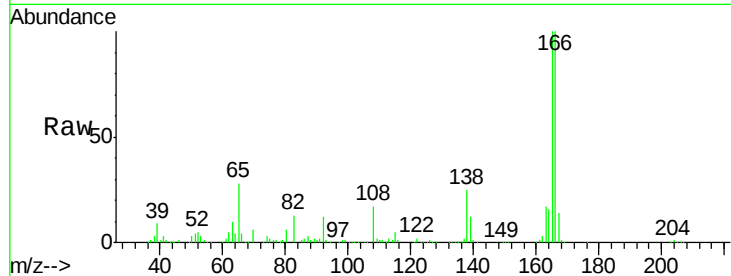
ClientSampleId :

JC-02-030118-AMSD

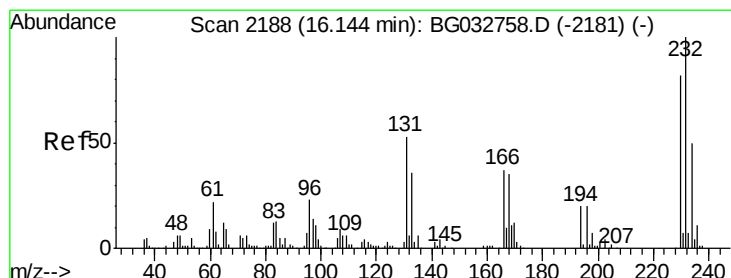
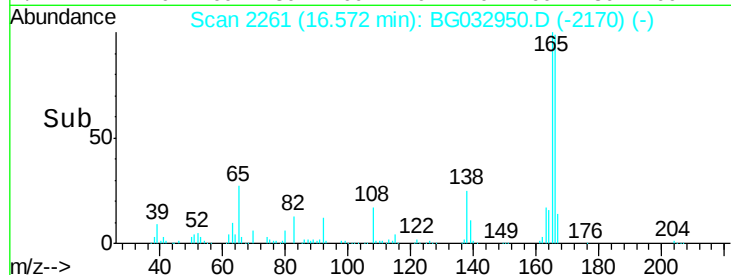
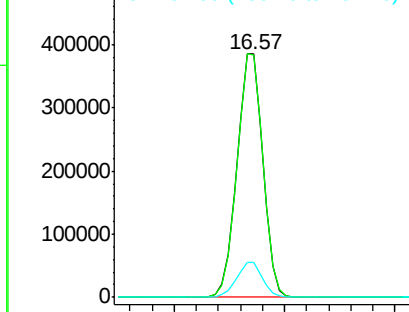
Tot Ion:	166	Resp:	634013
Ion Ratio		Lower	Upper
166	100		
165	99.6	80.6	121.0
167	14.3	10.4	15.6

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 59.581 ng m

RT: 16.14 min Scan# 2187

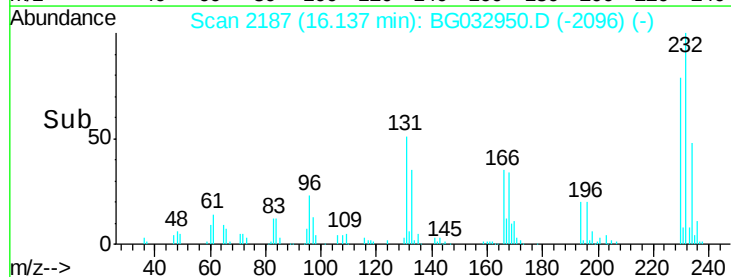
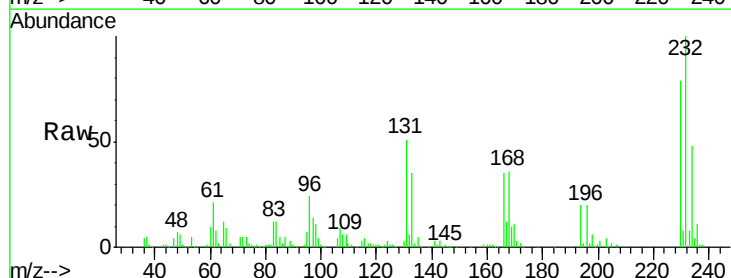
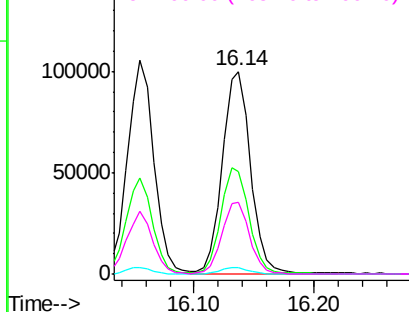
Delta R.T. 0.00 min

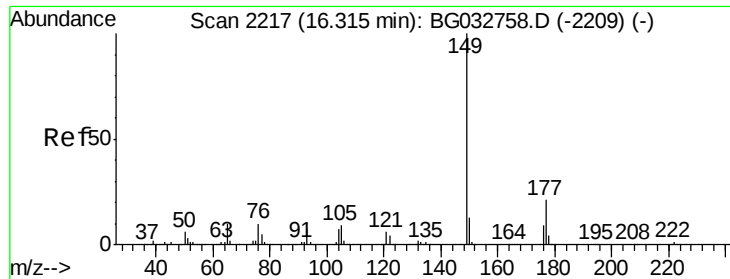
Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Tgt Ion:	232	Resp:	163374
Ion Ratio		Lower	Upper
232	100		
131	44.9	33.5	50.3
130	3.0	2.2	3.2
166	28.3	24.8	37.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





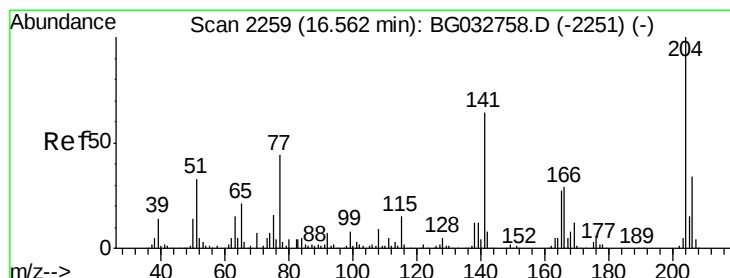
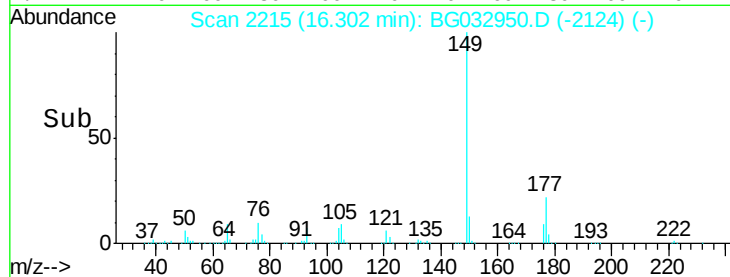
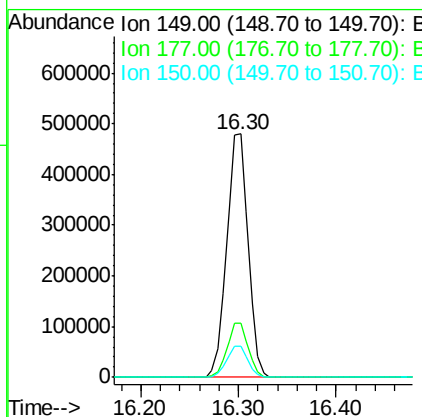
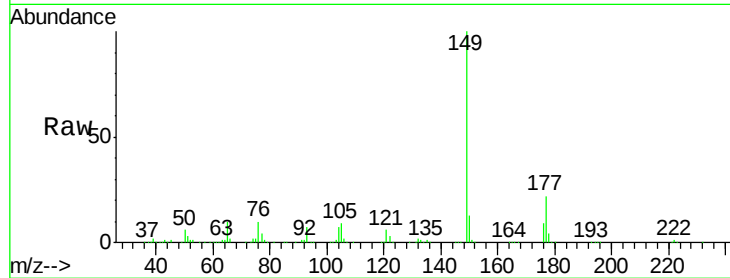
#59
Diethylphthalate
Concen: 49.496 ng
RT: 16.30 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.5	27.7
150	12.8	10.2	15.2

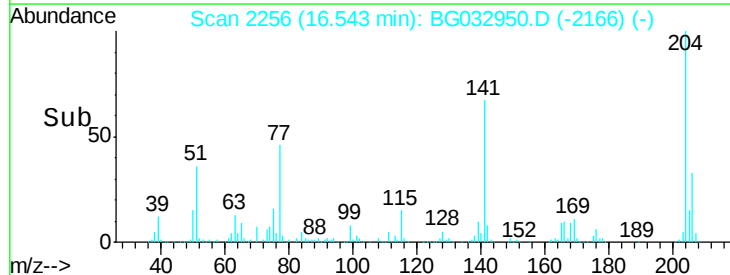
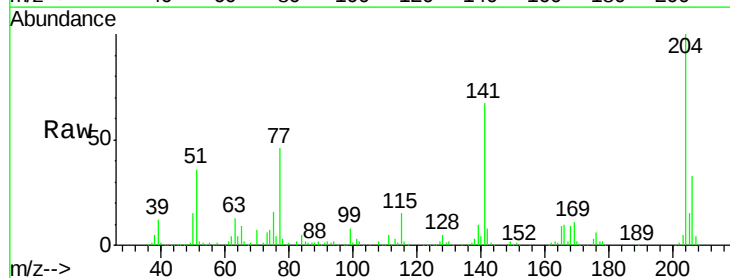
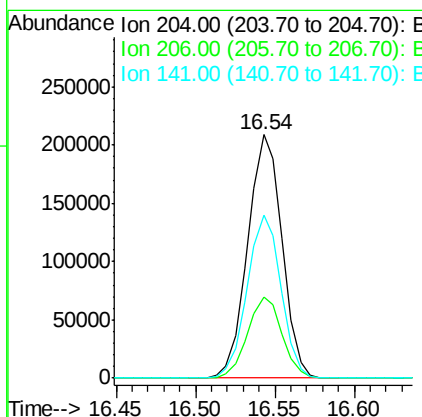
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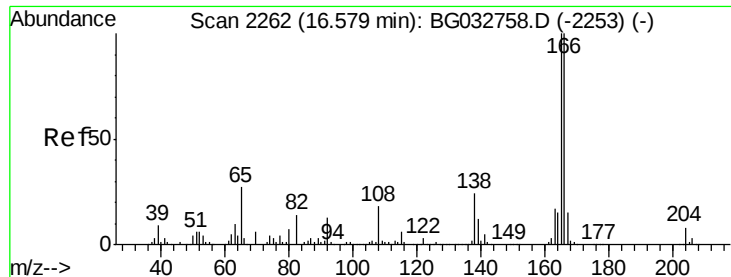
Sohil
3/5/2018 3:18:01 PM



#60
4-Chlorophenyl-phenylether
Concen: 50.308 ng
RT: 16.54 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	66.7	45.8	68.6





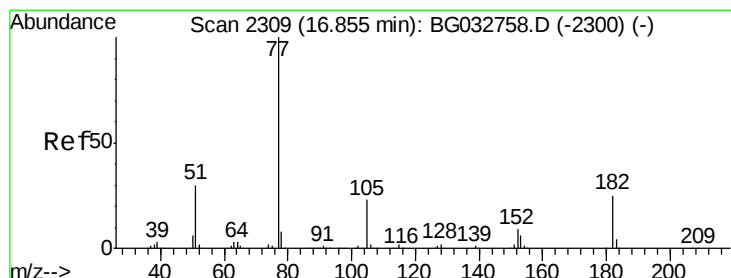
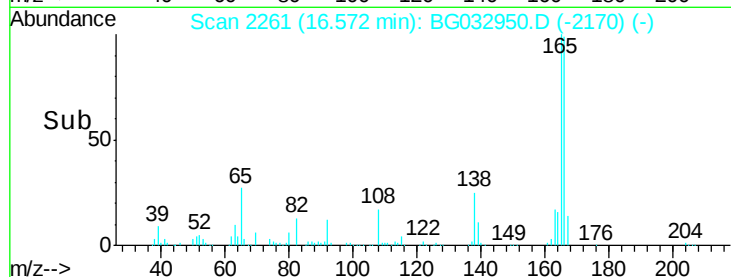
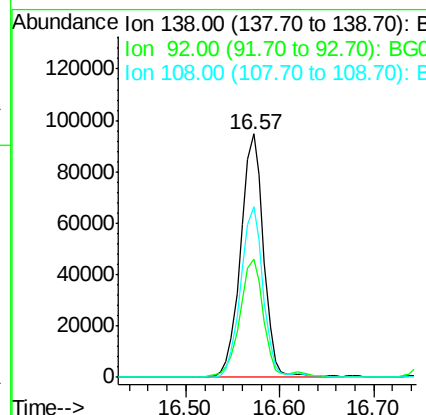
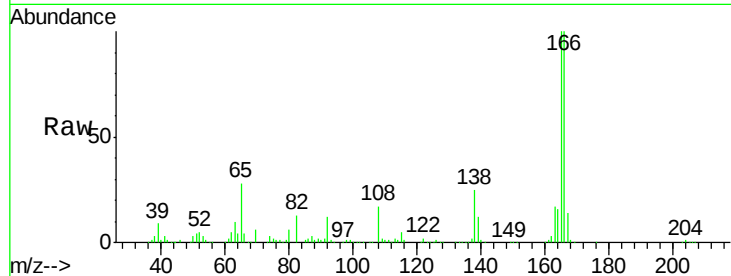
#61
4-Nitroaniline
Concen: 52.894 ng
RT: 16.57 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.5	40.1	80.1
108	70.0	65.4	105.4

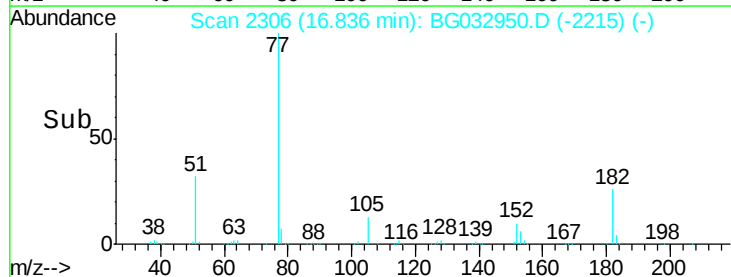
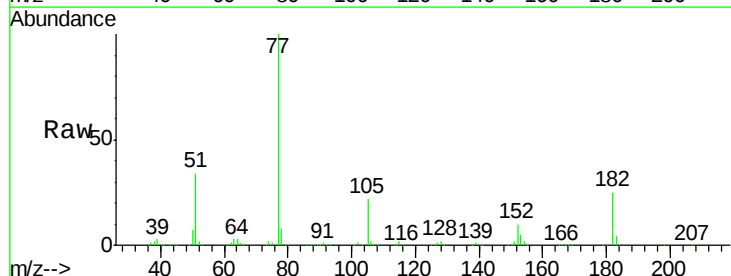
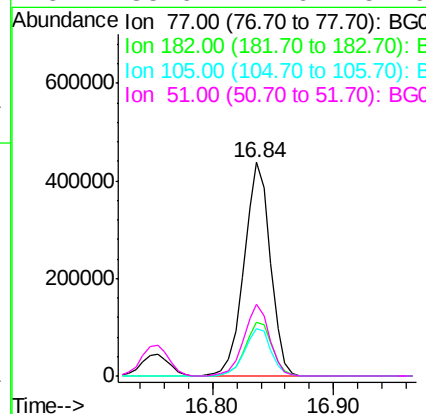
Manual Integrations
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#62
Azobenzene
Concen: 50.587 ng
RT: 16.84 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.0	7.4	47.4
105	22.4	0.3	40.3
51	33.6	11.6	51.6





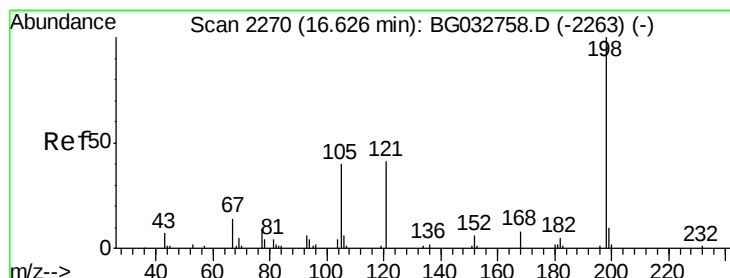
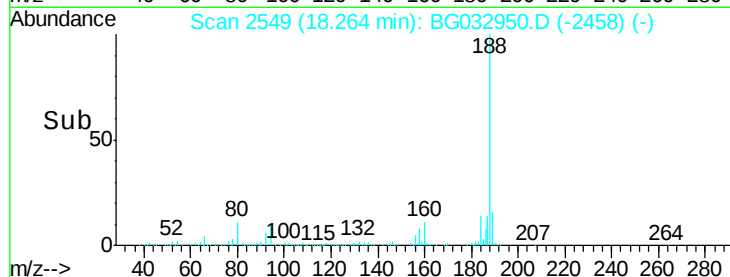
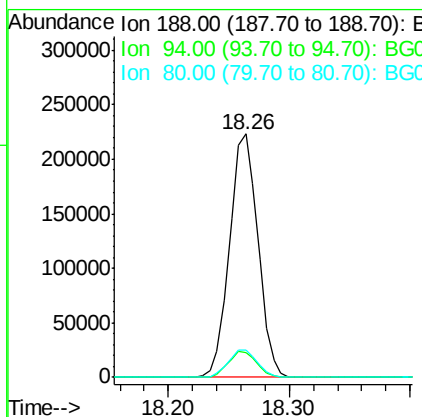
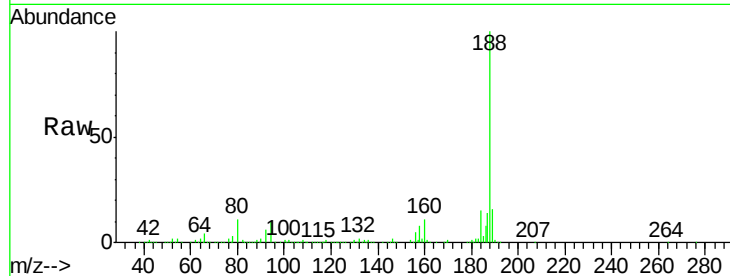
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.1	6.9	10.3
80	11.2	7.7	11.5

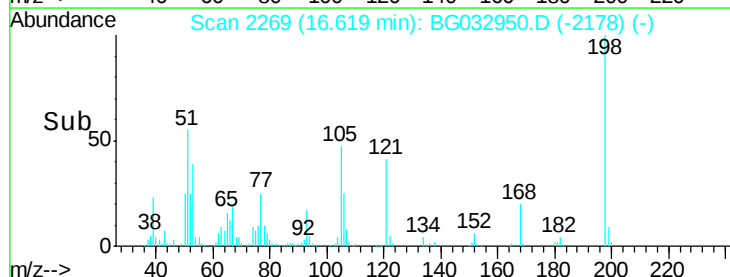
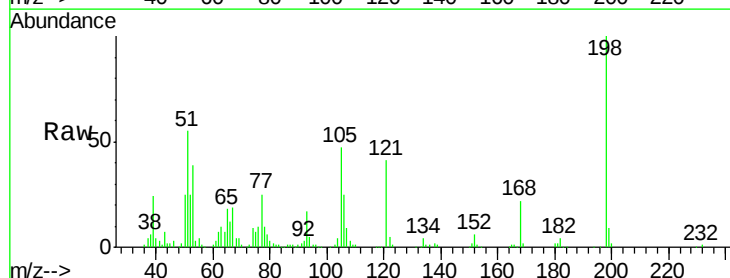
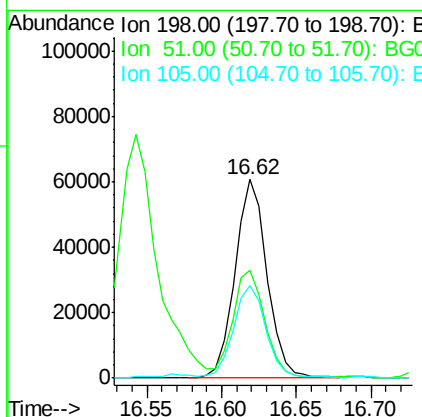
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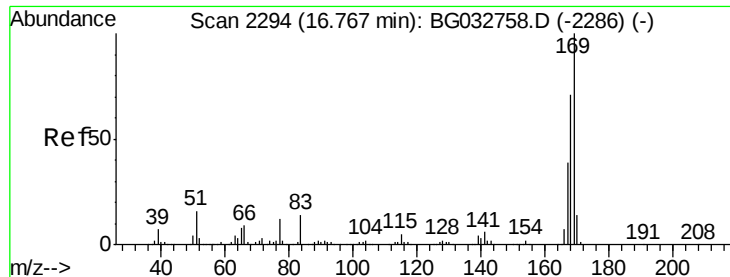
Sohil
3/5/2018 3:18:01 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 71.349 ng
RT: 16.62 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	54.5	30.6	70.6
105	46.7	23.8	63.8





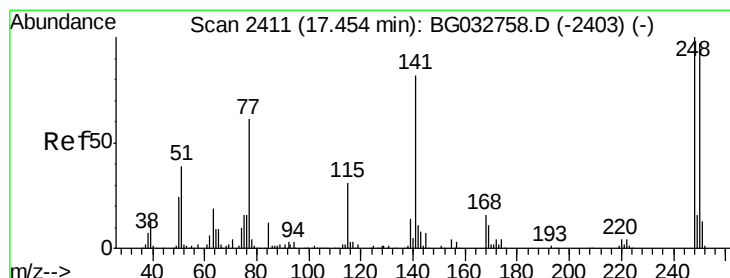
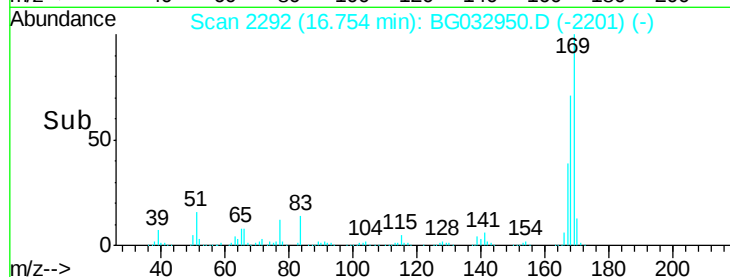
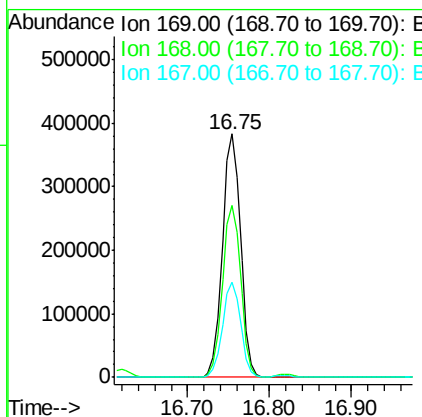
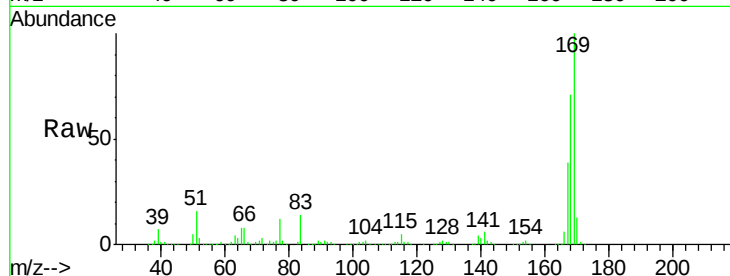
#65
 n-Nitrosodiphenylamine
 Concen: 49.824 ng
 RT: 16.75 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-030118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	592193		
168	70.8		55.7	83.5
167	39.0		30.1	45.1

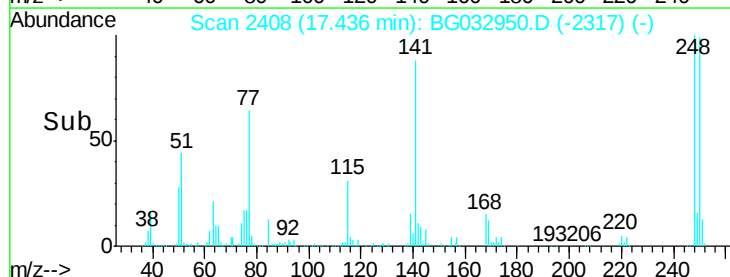
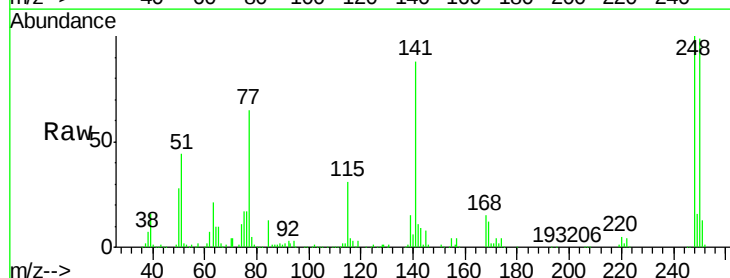
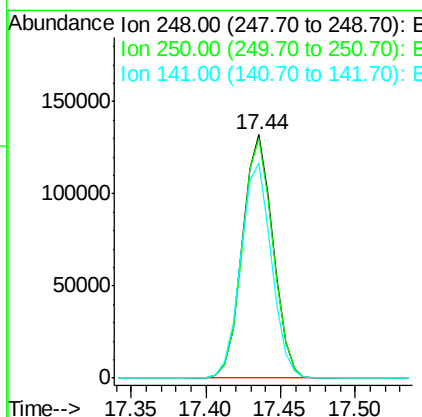
Manual Integrations
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#66
 4-Bromophenyl-phenylether
 Concen: 48.408 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	187011		
250	98.6		77.1	115.7
141	88.5		50.8	76.2#





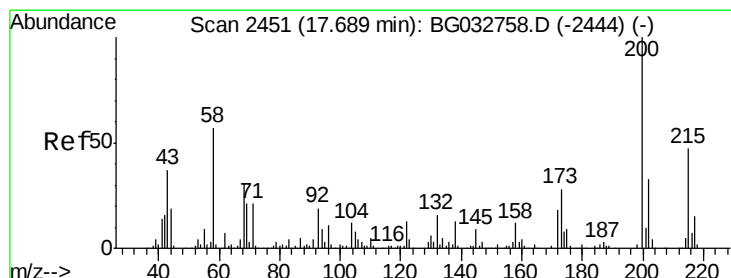
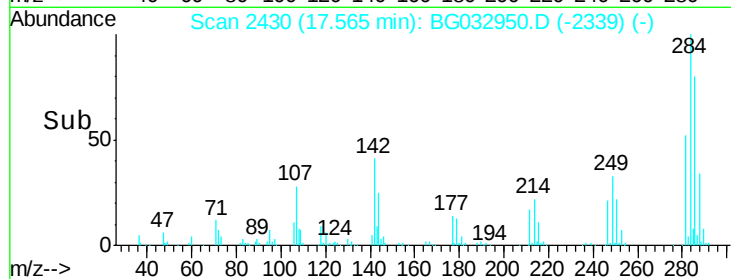
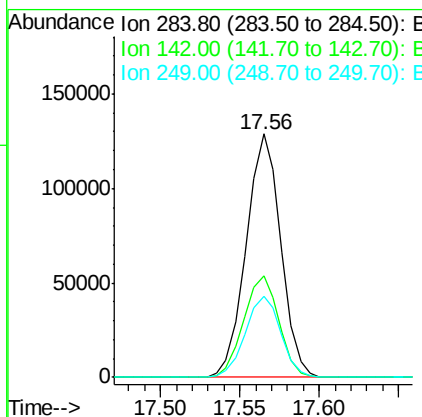
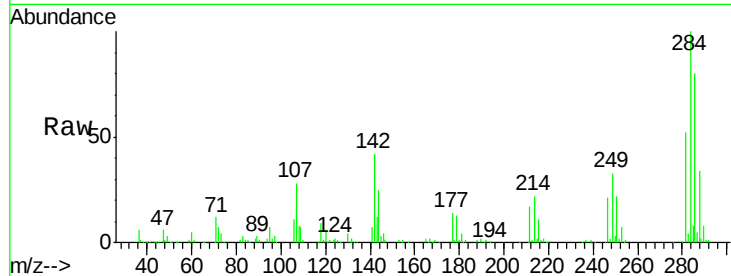
#67
Hexachlorobenzene
Concen: 46.731 ng
RT: 17.56 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	195094		
142	41.6	26.8	40.2	#
249	33.3	26.3	39.5	

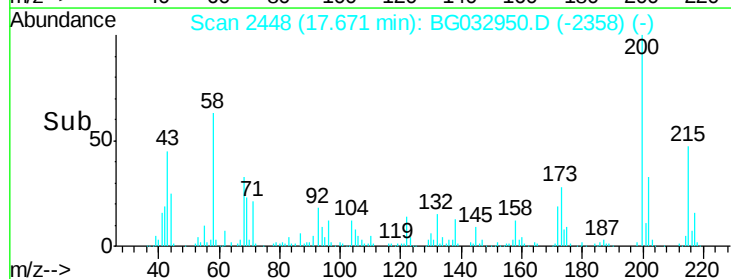
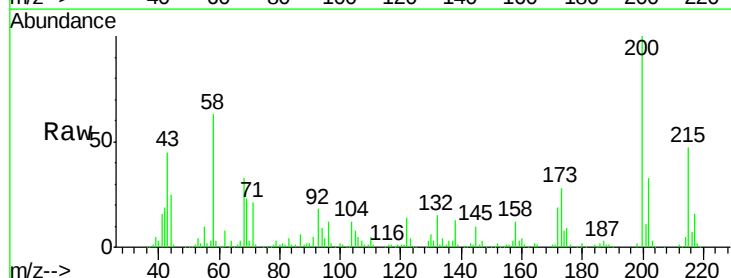
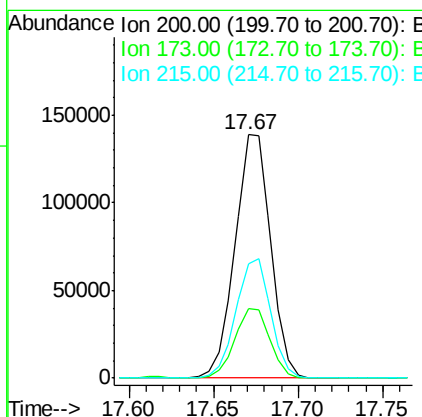
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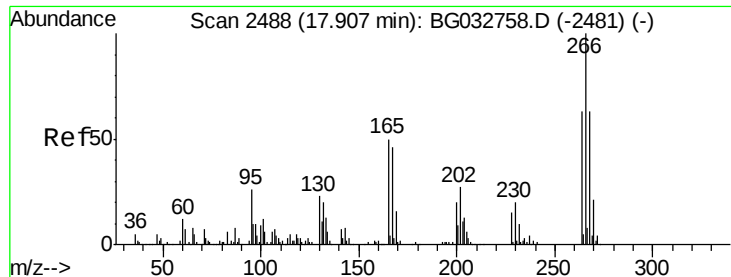
Sohil
3/5/2018 3:18:01 PM



#68
Atrazine
Concen: 52.040 ng
RT: 17.67 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	203596		
173	28.3	5.2	45.2	
215	46.9	30.4	70.4	





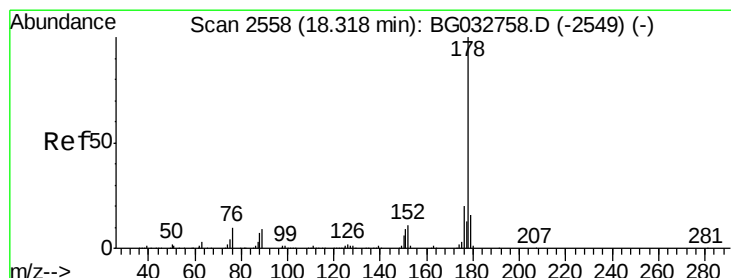
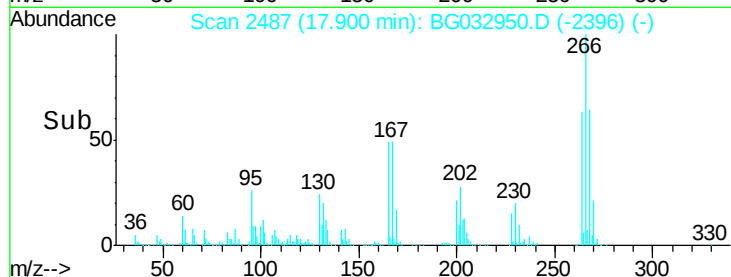
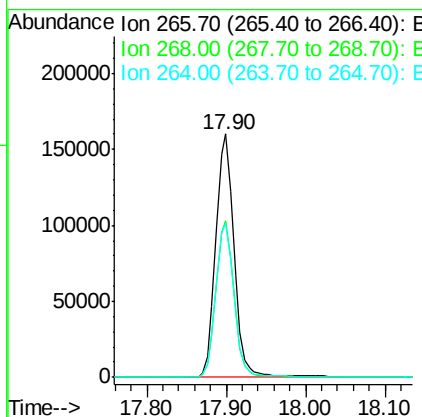
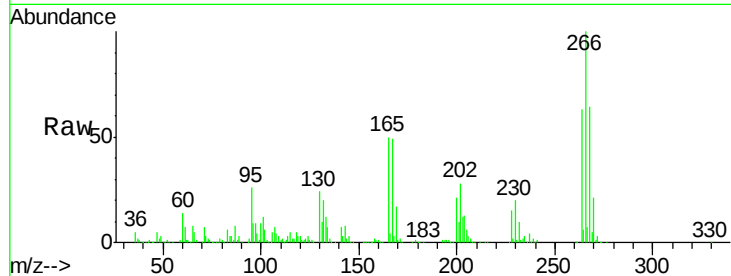
#69
 Pentachlorophenol
 Concen: 97.950 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-030118-AMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	63.3	49.6	74.4

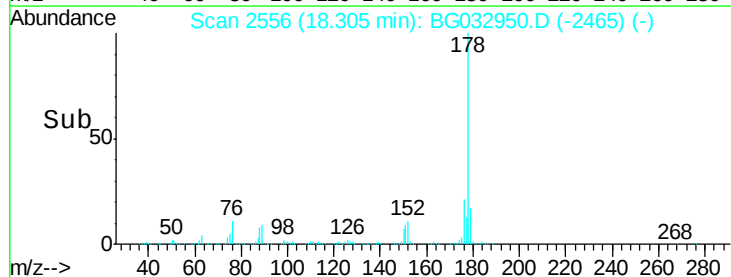
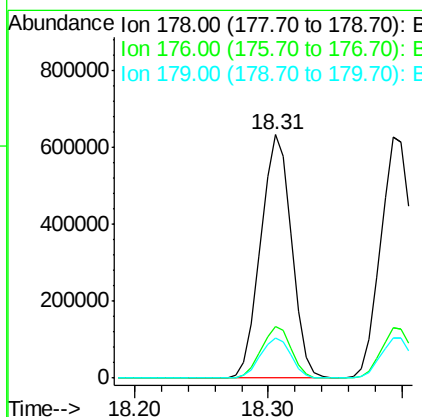
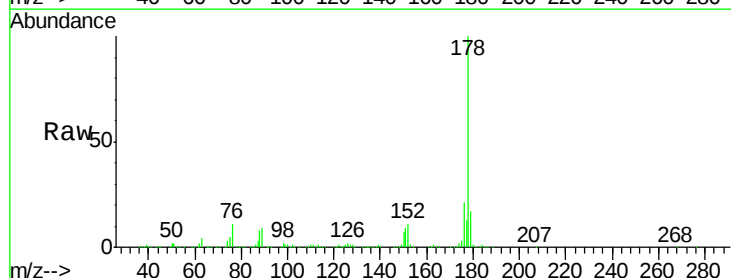
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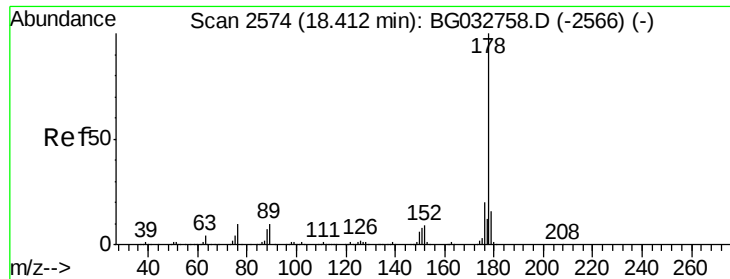
Sohil
 3/5/2018 3:18:01 PM



#70
 Phenanthrene
 Concen: 49.758 ng
 RT: 18.31 min Scan# 2556
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.7	23.5
179	16.6	12.5	18.7





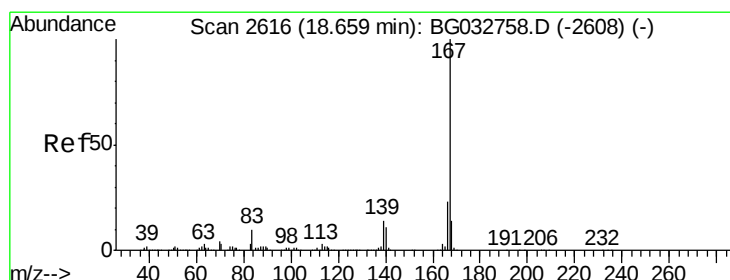
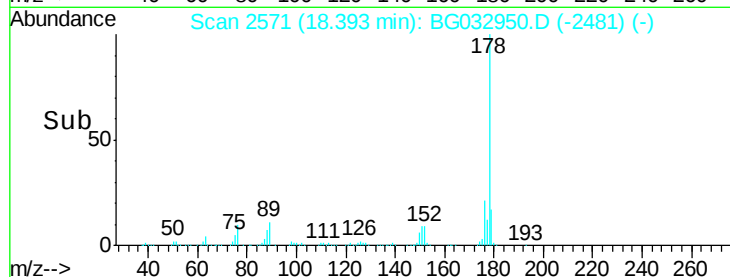
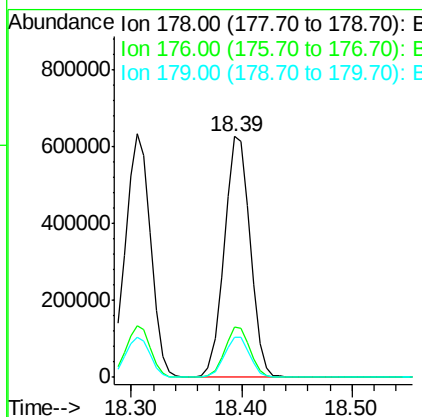
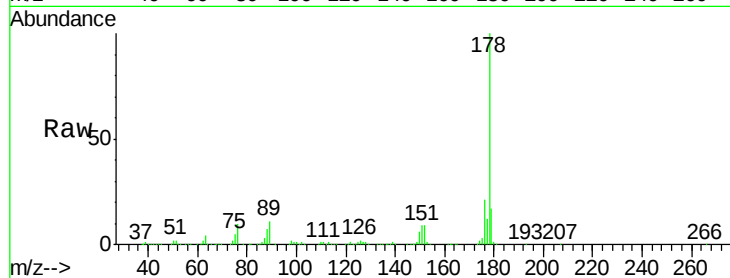
#71
 Anthracene
 Concen: 50.217 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-030118-AMSD

Tot Ion:178 Resp: 1027626
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.0 24.0
 179 16.9 12.5 18.7

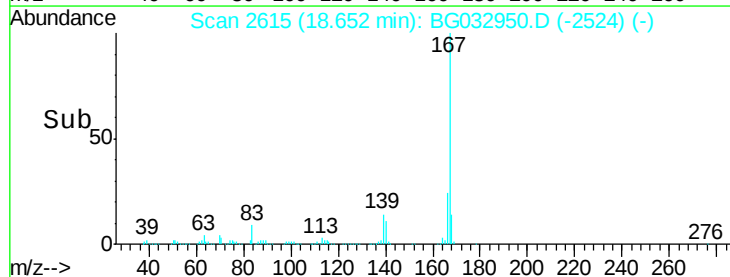
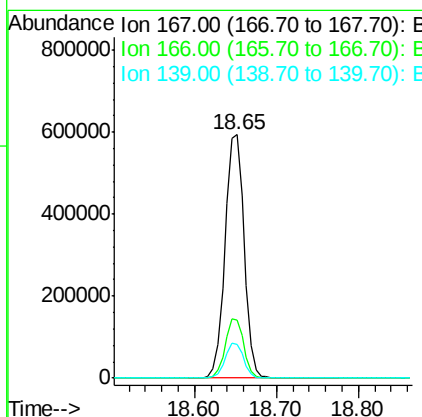
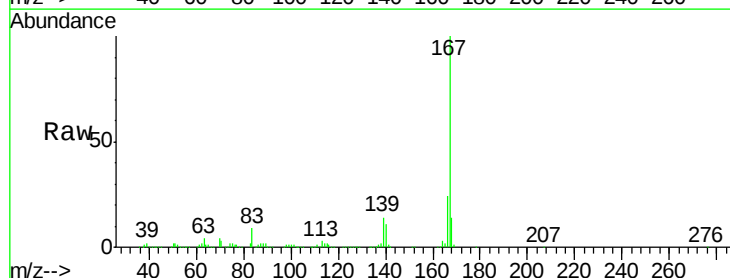
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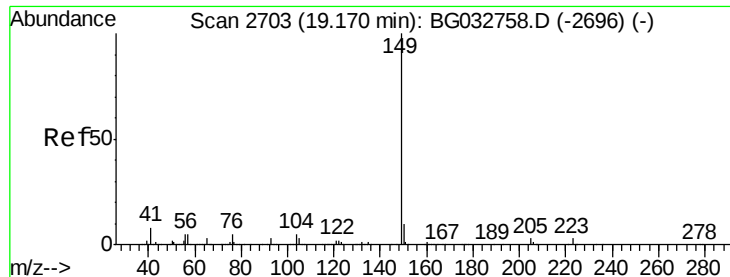
Sohil
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#72
 Carbazole
 Concen: 47.705 ng
 RT: 18.65 min Scan# 2615
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion:167 Resp: 962239
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.2 27.4
 139 14.0 9.4 14.2





#73

Di-n-butylphthalate

Concen: 48.848 ng

RT: 19.15 min Scan# 2700

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

JC-02-030118-AMSD

Tot Ion:149 Resp: 1208748

Ion Ratio Lower Upper

149 100

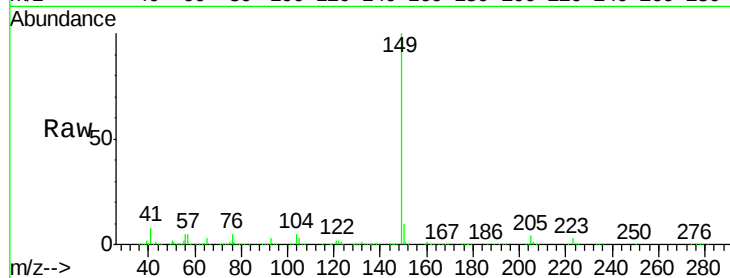
150 10.2 7.8 11.6

104 5.2 3.9 5.9

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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

1200000

1000000

800000

600000

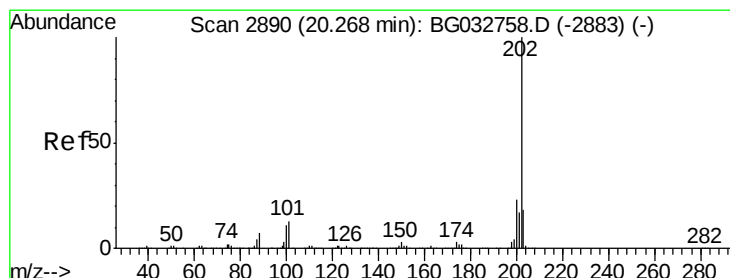
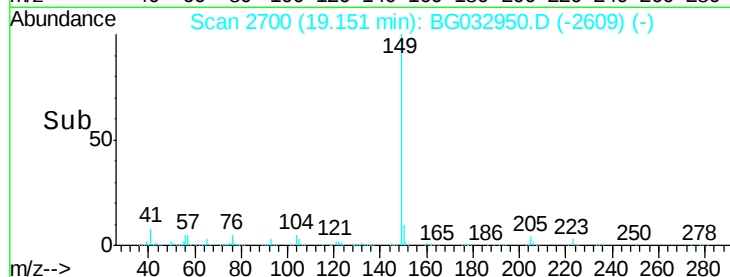
400000

200000

0

19.10 19.15 19.20

Time-->



#74

Fluoranthene

Concen: 49.407 ng

RT: 20.26 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

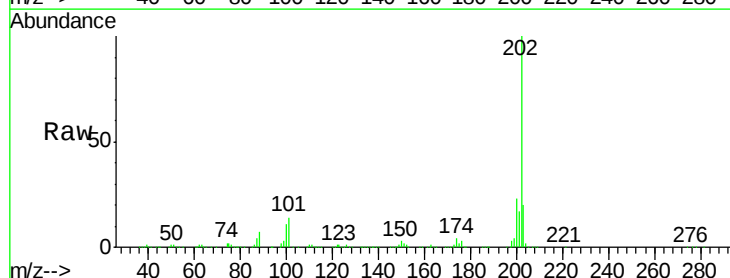
Tgt Ion:202 Resp: 1112454

Ion Ratio Lower Upper

202 100

101 13.6 0.0 28.9

203 19.6 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

1000000

800000

600000

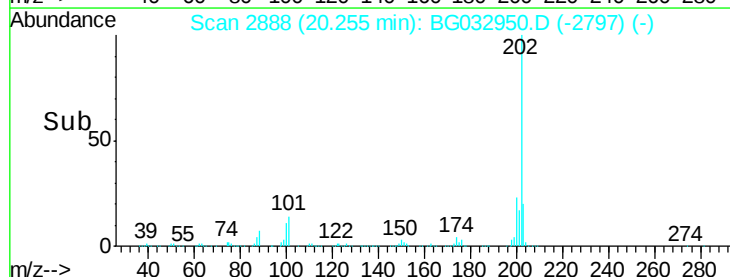
400000

200000

0

20.20 20.26 20.30 20.40

Time-->





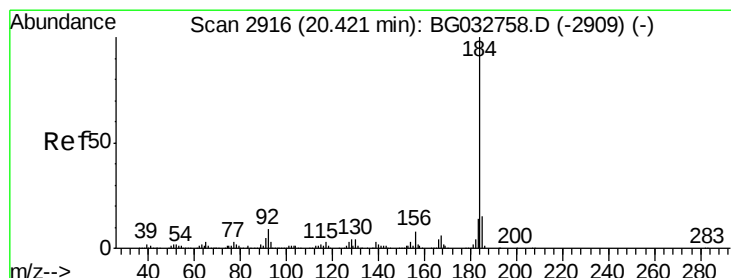
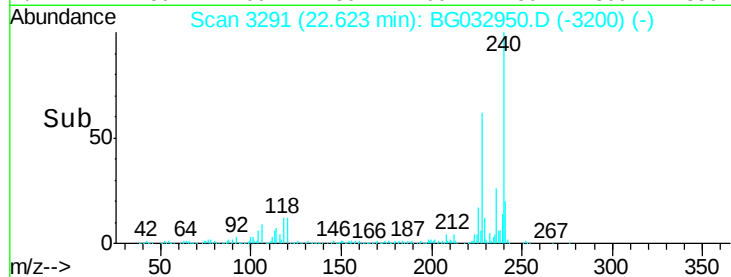
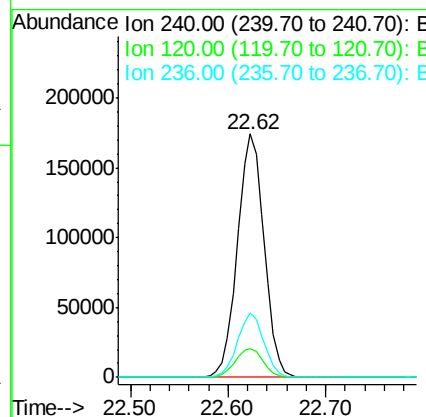
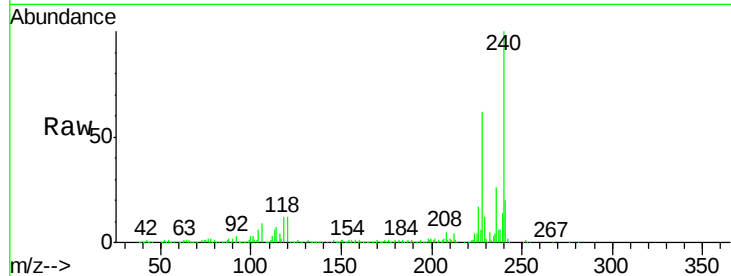
#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-030118-AMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	6.8	10.2#
236	26.5	20.9	31.3

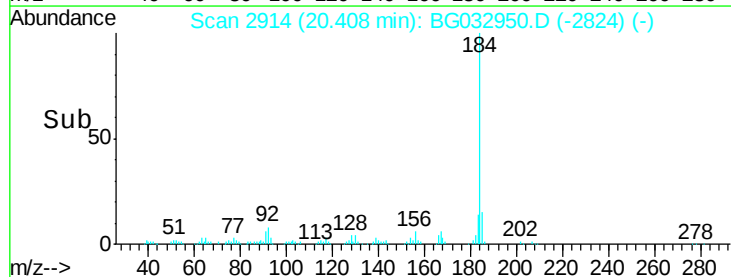
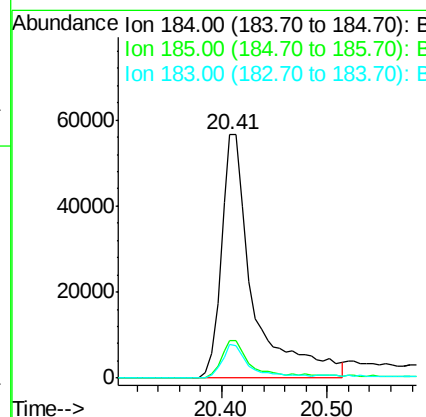
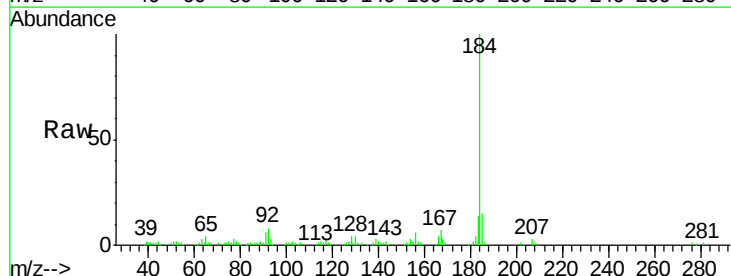
Manual Integrations
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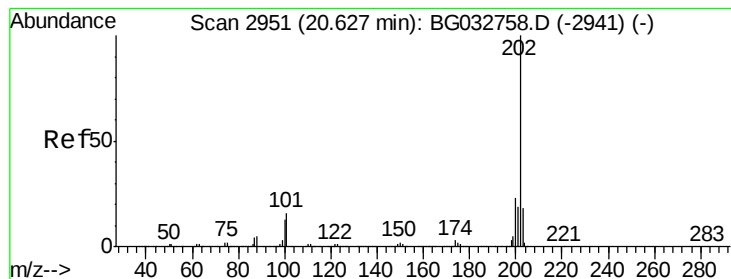
Sohil
 3/5/2018 3:18:01 PM



#76
 Benzidine
 Concen: 10.589 ng
 RT: 20.41 min Scan# 2914
 Delta R.T. -0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.1	16.7
183	13.7	10.6	16.0





#77

Pvrene

Concen: 48.094 ng

RT: 20.61 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

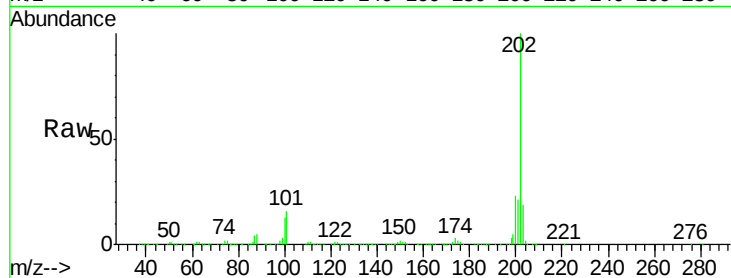
ClientSampleId :

JC-02-030118-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
202	100			
200	23.4	16.9	25.3	
203	19.4	13.9	20.9	

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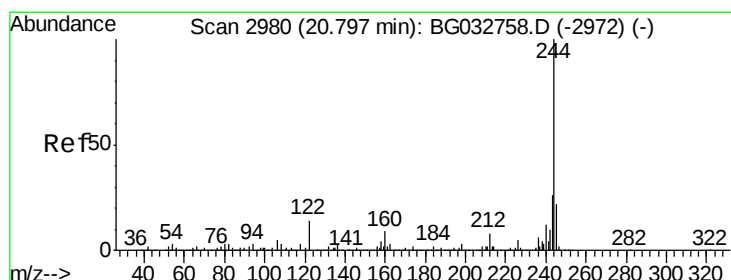
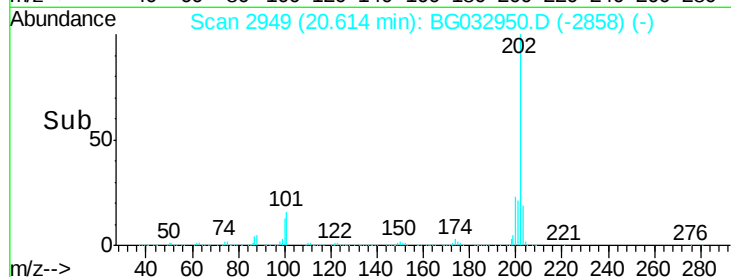
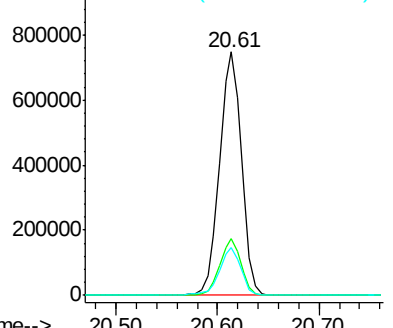
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 102.822 ng

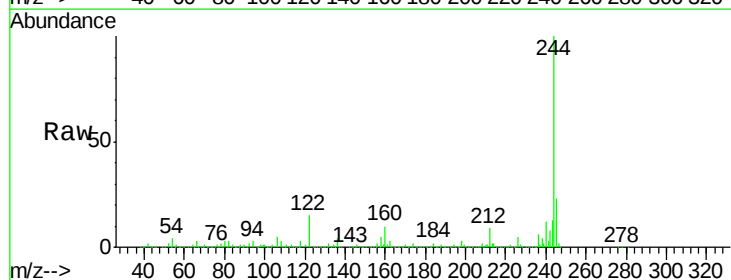
RT: 20.78 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

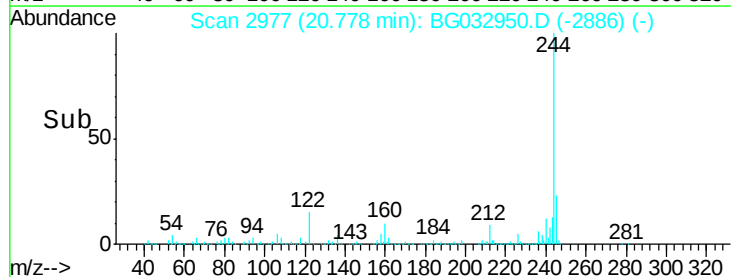
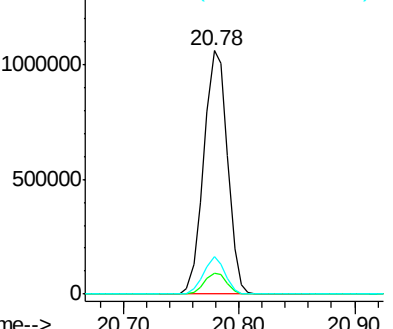
Tgt Ion	Ion	Ratio	Lower	Upper
244	100			
212	8.6	5.8	8.8	
122	15.2	7.0	10.4	

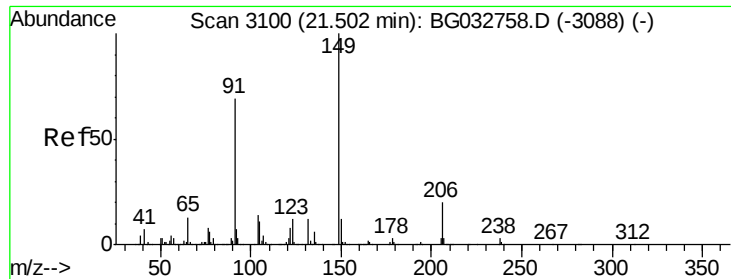


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





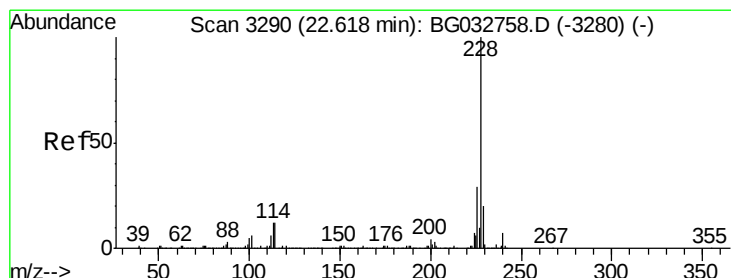
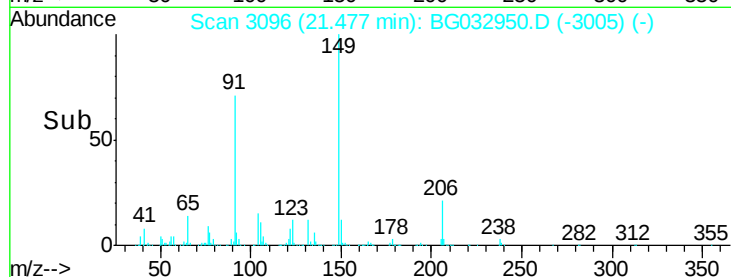
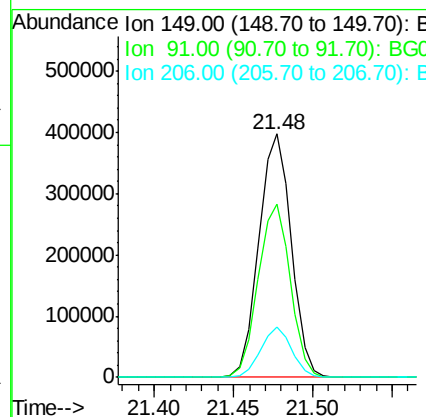
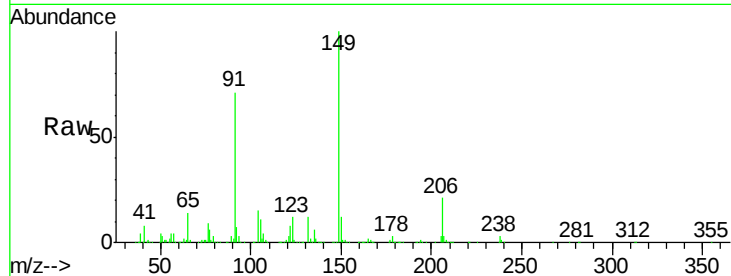
#79
Butylbenzylphthalate
Concen: 55.012 ng
RT: 21.48 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.1	62.2	93.2
206	20.7	18.6	27.8

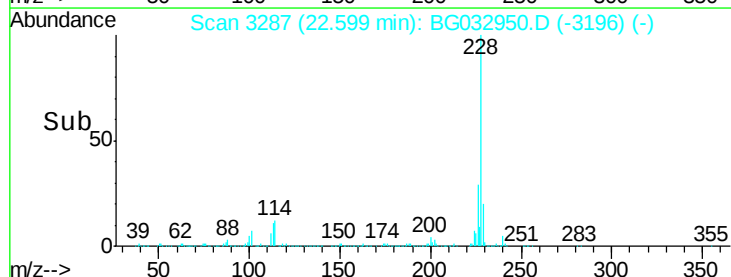
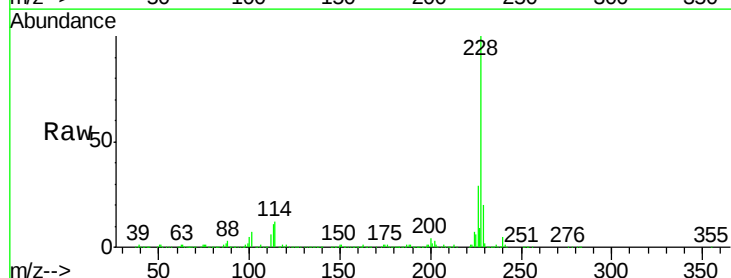
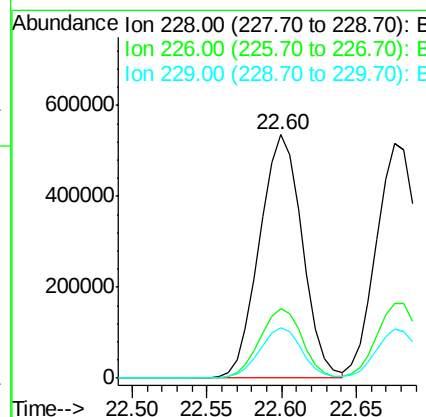
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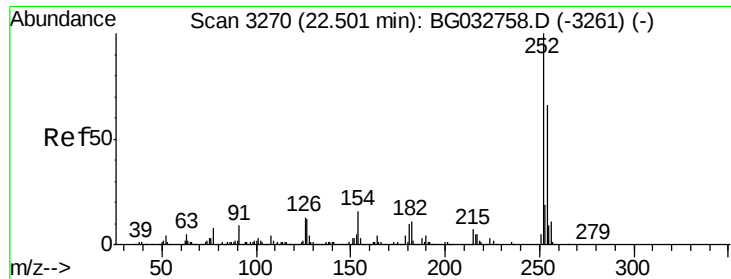
Sohil
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#80
Benzo(a)anthracene
Concen: 50.360 ng
RT: 22.60 min Scan# 3287
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	20.5	16.2	24.2





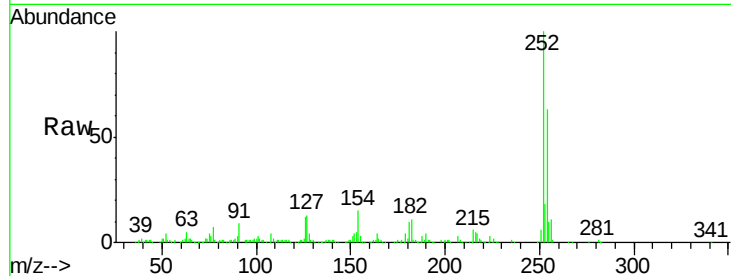
#81
 3,3'-Dichlorobenzidine
 Concen: 25.722 ng
 RT: 22.48 min Scan# 3267
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-030118-AMSD

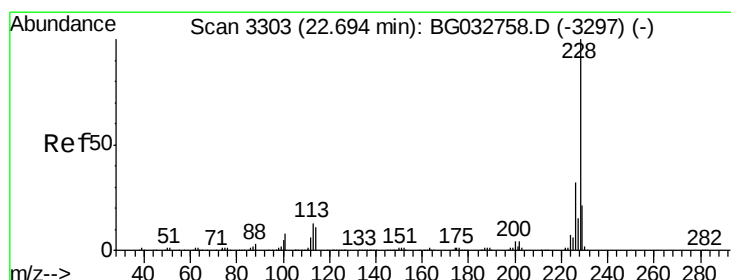
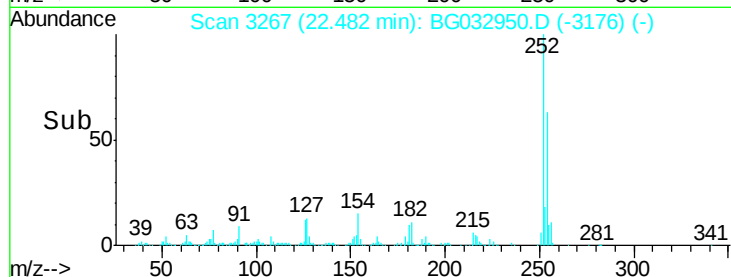
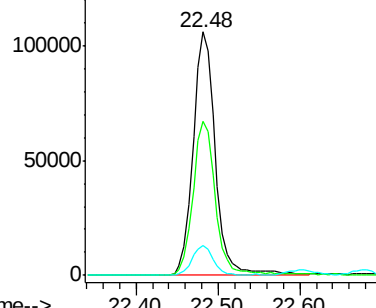
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.8	76.2
126	12.4	7.4	11.2

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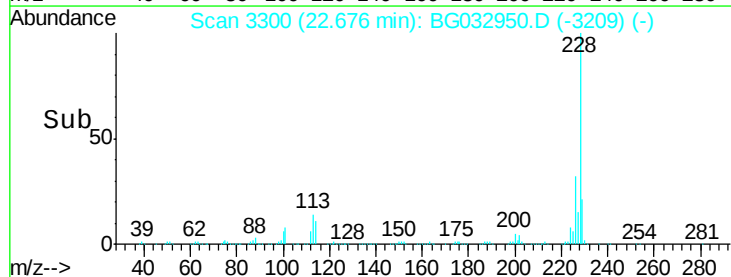
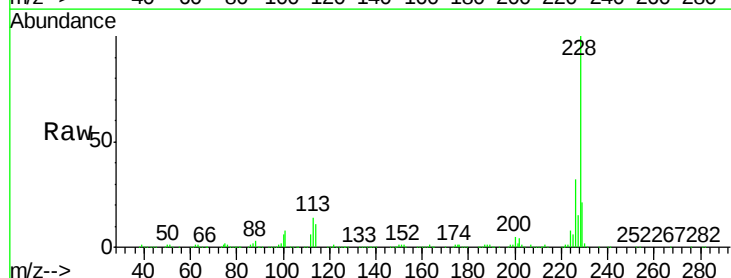
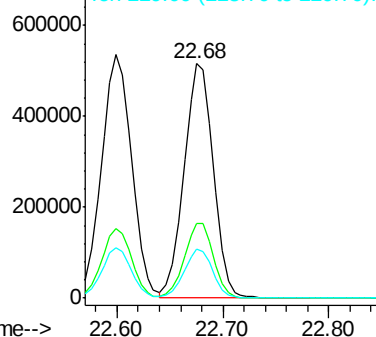
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

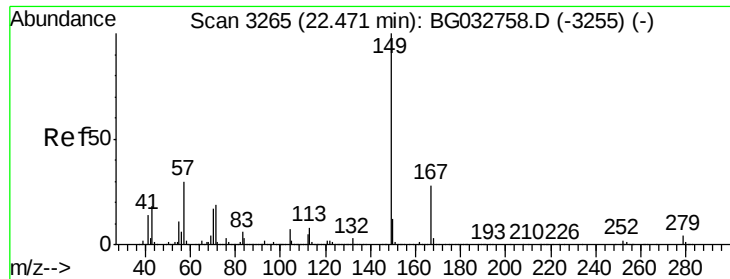


#82
 Chrysene
 Concen: 49.097 ng
 RT: 22.68 min Scan# 3300
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	21.0	15.0	22.4

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





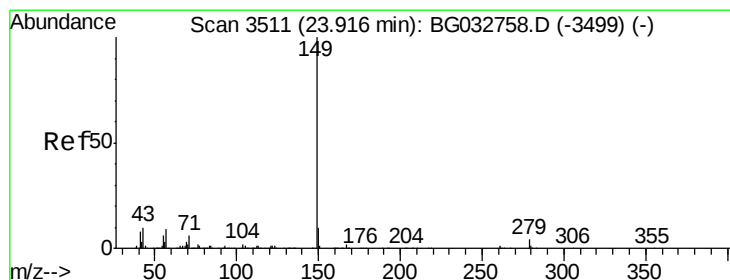
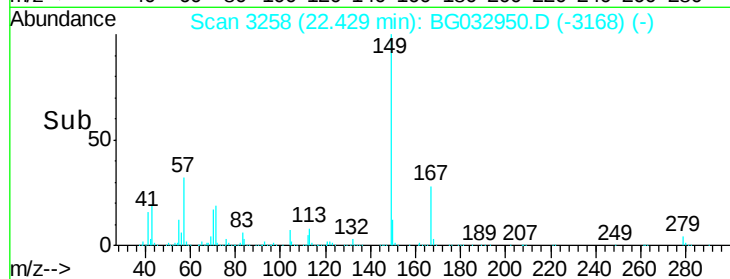
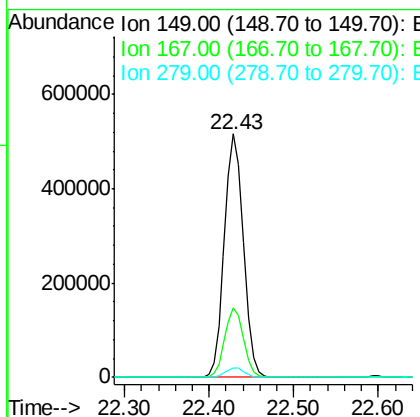
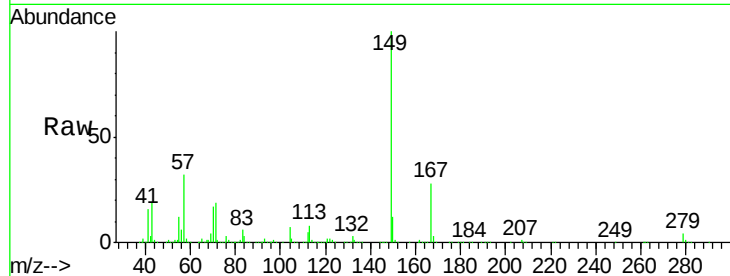
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.685 ng
 RT: 22.43 min Scan# 3258
 Delta R.T. -0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-030118-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.4	24.3	36.5
279	3.9	4.0	6.0

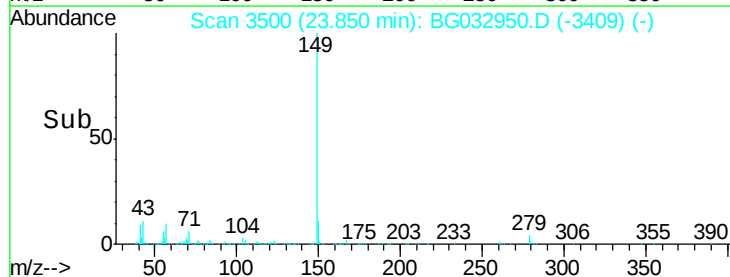
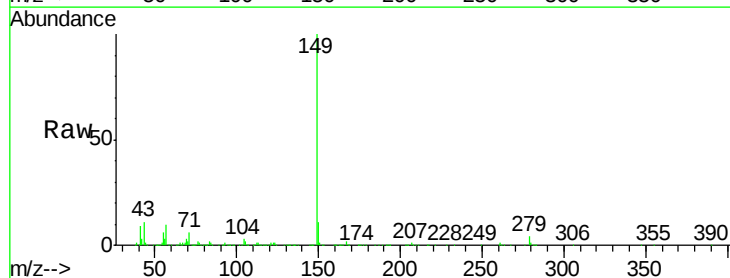
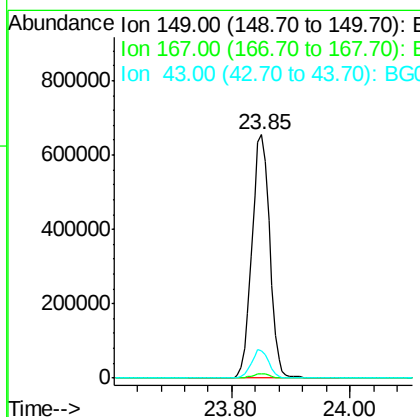
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#84
 Di-n-octyl phthalate
 Concen: 58.999 ng
 RT: 23.85 min Scan# 3500
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.1	8.9	13.3





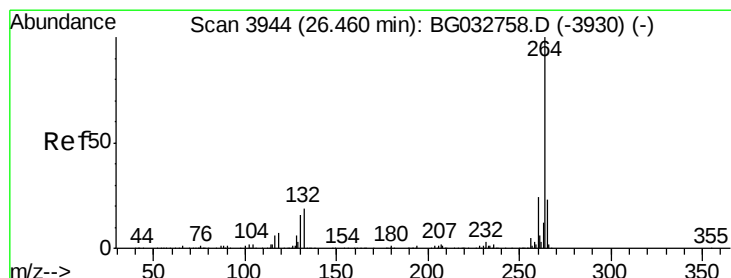
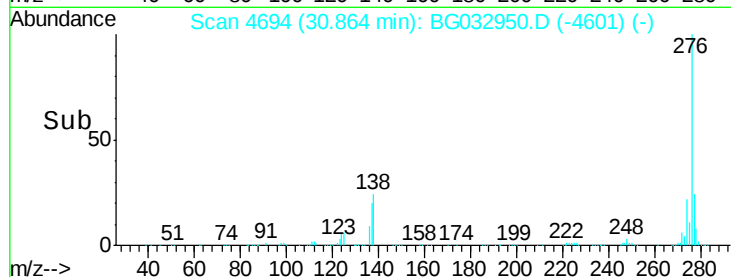
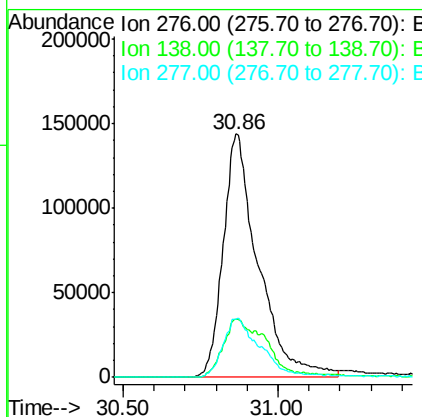
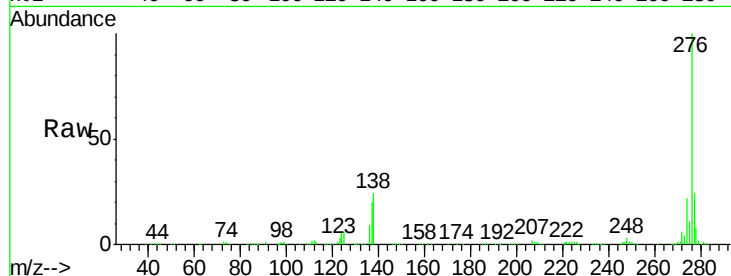
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.160 ng
RT: 30.86 min Scan# 4694
Delta R.T. 0.01 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	16.0	24.0
277	25.7	20.0	30.0

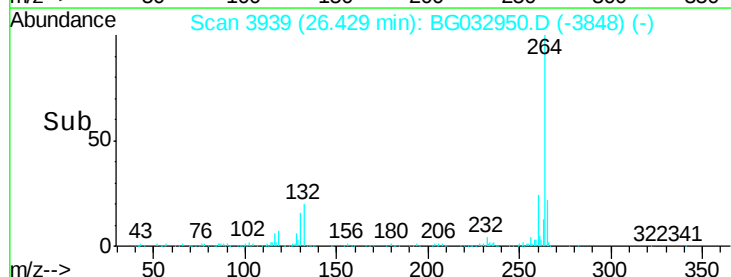
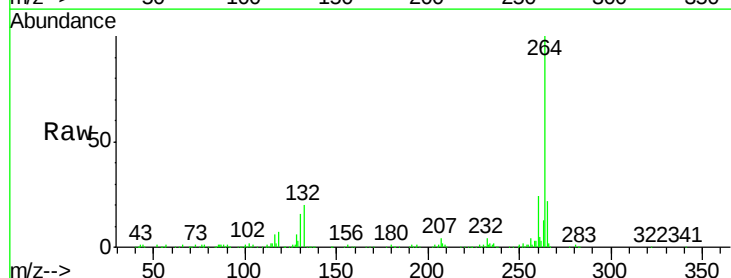
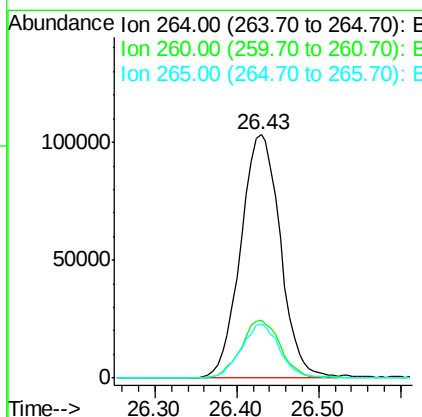
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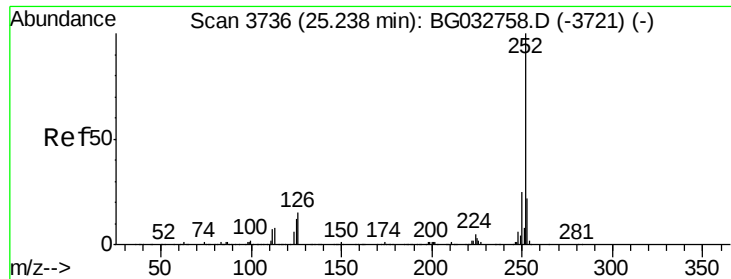
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3939
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.2	17.7	26.5





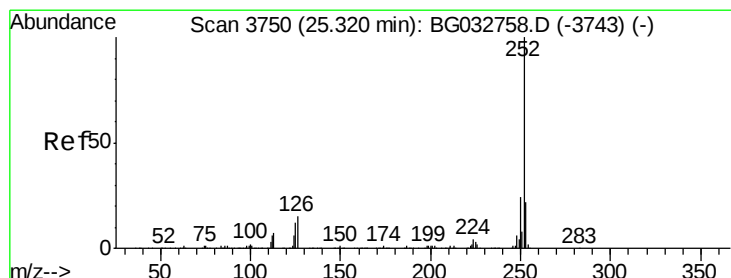
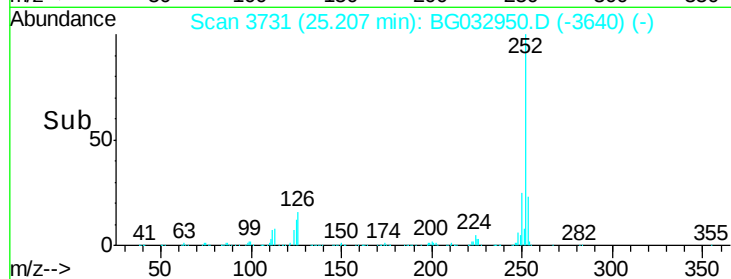
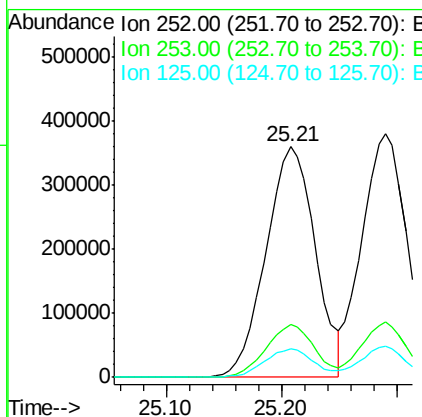
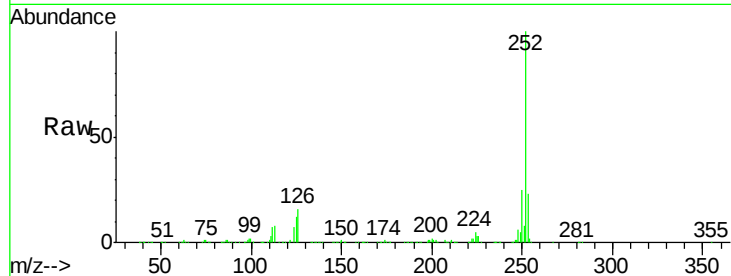
#87
Benzo(b)fluoranthene
Concen: 51.893 ng
RT: 25.21 min Scan# 3731
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	12.5	7.2	10.8

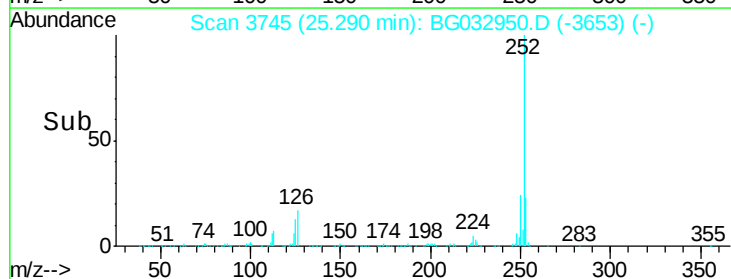
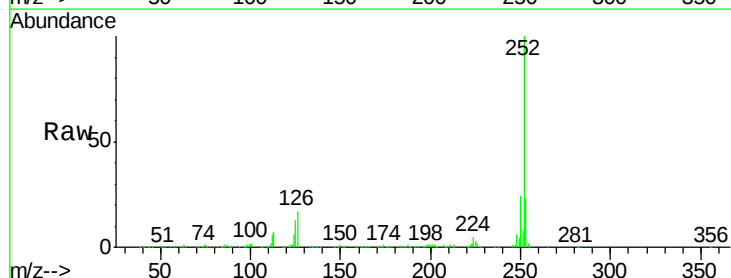
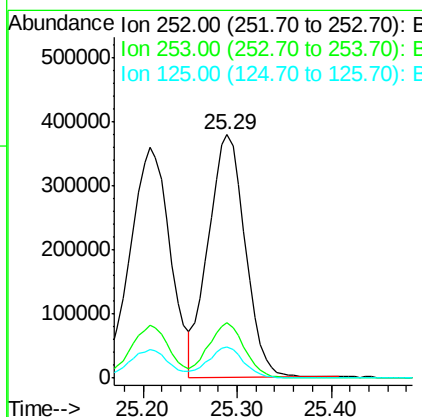
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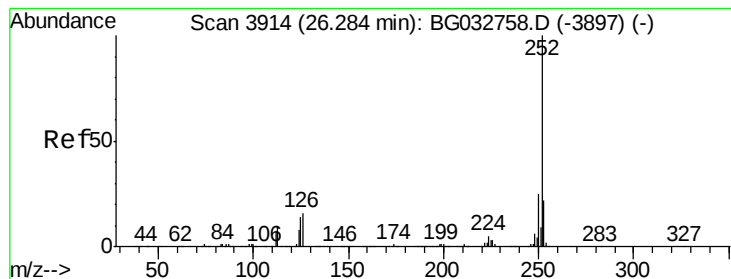
Sohil
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#88
Benzo(k)fluoranthene
Concen: 50.613 ng
RT: 25.29 min Scan# 3745
Delta R.T. 0.01 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	12.8	6.6	9.8





#89

Benzo(a)pyrene

Concen: 52.589 ng

RT: 26.25 min Scan# 3909

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

JC-02-030118-AMSD

Tot Ion:252 Resp: 1031046

Ion Ratio Lower Upper

252 100

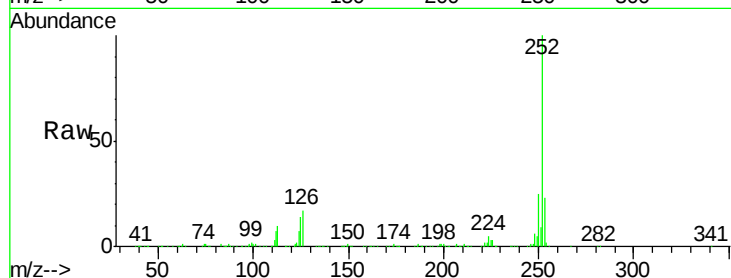
253 22.7 18.3 27.5

125 13.9 7.3 10.9#

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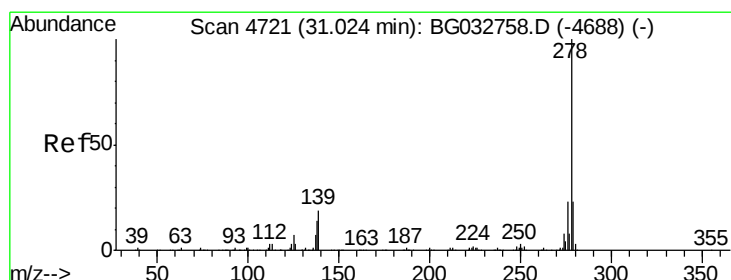
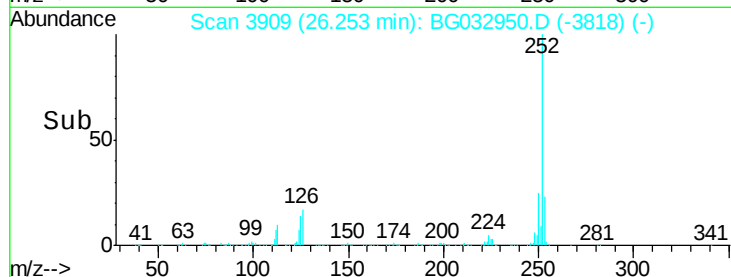
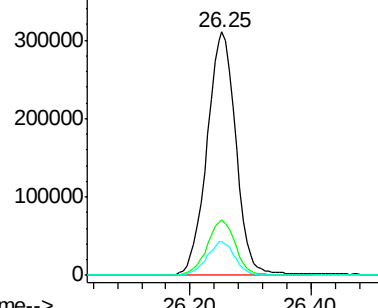


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.101 ng

RT: 30.95 min Scan# 4709

Delta R.T. 0.01 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

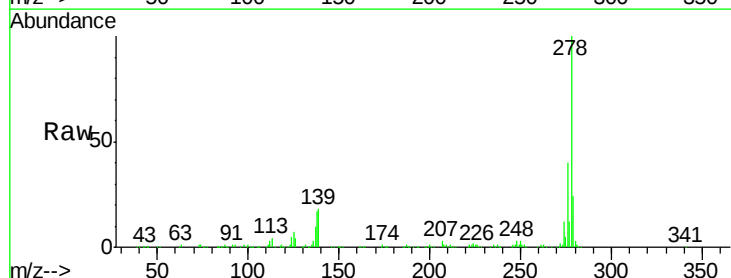
Tgt Ion:278 Resp: 909772

Ion Ratio Lower Upper

278 100

139 18.3 9.8 14.6#

279 24.2 18.4 27.6

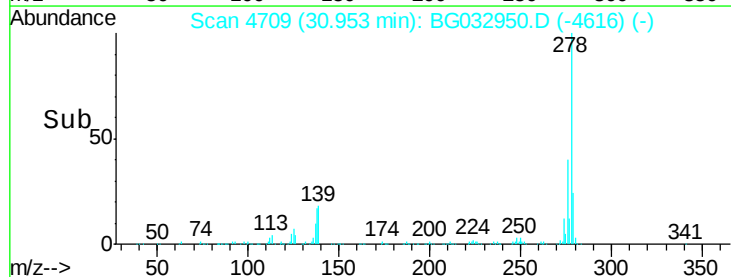
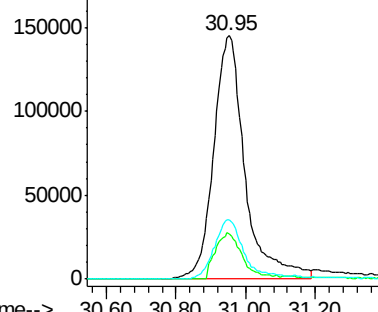


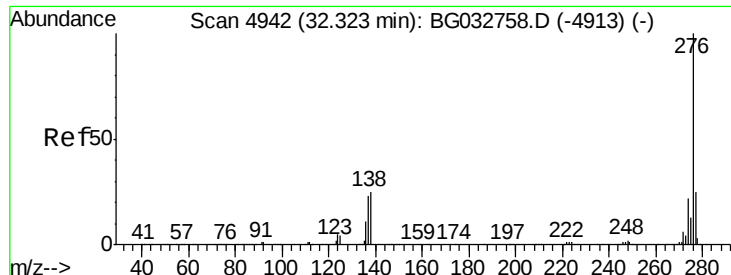
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





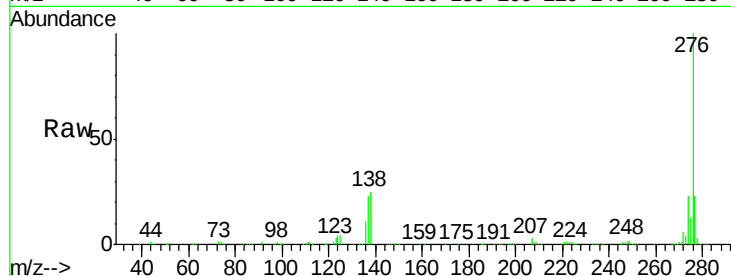
#91
 Benzo(a,h,i)perylene
 Concen: 47.996 ng
 RT: 32.26 min Scan# 4932
 Delta R.T. 0.01 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-030118-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.3	27.5
138	25.4	13.9	20.9

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

