

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
 Data File : BM015813.D
 Acq On : 06 Jul 2018 21:58
 Operator : SJ/JU
 Sample : J3845-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MS

Manual Integrations
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Sohil
 7/9/2018 1:55:48 PM

Quant Time: Jul 07 02:37:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	126085	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	516671	20.00	ng	-0.01
38) Acenaphthene-d10	14.93	164	280133	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	530330	20.00	ng	0.00
75) Chrysene-d12	21.76	240	389094	20.00	ng	0.00
86) Perylene-d12	24.16	264	356066	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.81	112	903744	122.92	ng	0.00
7) Phenol-d6	7.46	99	1178764	117.11	ng	0.00
23) Nitrobenzene-d5	9.50	82	811011	76.59	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	409151	111.78	ng	0.00
44) 2-Fluorobiphenyl	13.55	172	1654018	73.30	ng	-0.01
78) Terphenyl-d14	20.21	244	1716992	81.85	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	84475	27.782	ng	# 100
3) Pyridine	4.01	79	182564	22.753	ng	# 77
4) n-Nitrosodimethylamine	3.92	42	207914	33.279	ng	# 43
6) Aniline	7.63	93	301760	24.729	ng	92
8) 2-Chlorophenol	7.87	128	327968	37.169	ng	97
9) Benzaldehyde	7.44	77	157460	24.821	ng	90
10) Phenol	7.49	94	407990	40.342	ng	93
11) bis(2-Chloroethyl)ether	7.72	93	273039	33.188	ng	88
12) 1,3-Dichlorobenzene	8.19	146	330102	33.742	ng	# 92
13) 1,4-Dichlorobenzene	8.34	146	339305	33.539	ng	# 94
14) 1,2-Dichlorobenzene	8.66	146	334083	34.146	ng	96
15) Benzyl Alcohol	8.56	79	297221	34.014	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.83	45	432425	48.128	ng	97
17) 2-Methylphenol	8.75	107	260142	37.128	ng	# 85
18) Hexachloroethane	9.39	117	138430	34.605	ng	95
19) n-Nitroso-di-n-propylamine	9.12	70	250884	31.015	ng	# 75
20) 3+4-Methylphenols	9.09	107	349708	35.932	ng	89
22) Acetophenone	9.15	105	477638	35.487	ng	# 87
24) Nitrobenzene	9.54	77	389461	37.783	ng	98
25) Isophorone	10.06	82	646722	40.013	ng	# 94
26) 2-Nitrophenol	10.25	139	167672	37.775	ng	# 63
27) 2,4-Dimethylphenol	10.29	122	285939	42.405	ng	# 87
28) bis(2-Chloroethoxy)methane	10.53	93	383892	36.457	ng	98
29) 2,4-Dichlorophenol	10.78	162	300203	40.198	ng	96
30) 1,2,4-Trichlorobenzene	10.99	180	318339	36.700	ng	96
31) Naphthalene	11.19	128	973923	36.358	ng	99
32) Benzoic acid	10.44	122	91398m	15.309	ng	
33) 4-Chloroaniline	11.30	127	260311	23.835	ng	# 90
34) Hexachlorobutadiene	11.45	225	205205	35.448	ng	98
35) Caprolactam	12.10	113	75323	30.412	ng	90
36) 4-Chloro-3-methylphenol	12.40	107	321025	37.463	ng	88
37) 2-Methylnaphthalene	12.77	142	708667	37.190	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	348590	38.771	ng	# 100
40) Hexachlorocyclopentadiene	13.10	237	366177	86.368	ng	99

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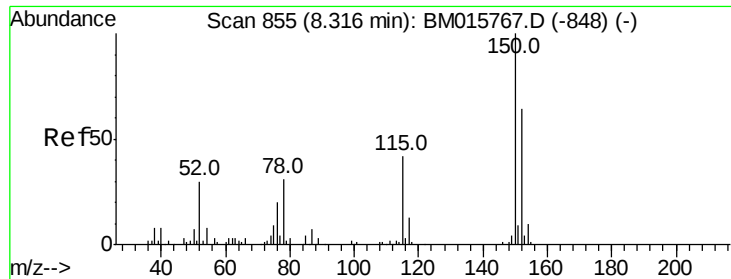
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Quant Time: Jul 07 02:37:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	226965	39.935	ng	99
43) 2,4,5-Trichlorophenol	13.45	196	235248	38.318	ng	# 85
45) 1,1'-Biphenyl	13.76	154	887200	36.631	ng	98
46) 2-Chloronaphthalene	13.82	162	683639	37.752	ng	# 90
47) 2-Nitroaniline	14.03	65	225684	35.738	ng	# 80
48) Acenaphthylene	14.66	152	1090118	37.005	ng	99
49) Dimethylphthalate	14.38	163	1137997	46.062	ng	99
50) 2,6-Dinitrotoluene	14.52	165	179299	37.222	ng	# 75
51) Acenaphthene	14.99	154	625372	34.116	ng	98
52) 3-Nitroaniline	14.84	138	135764	25.749	ng	# 78
53) 2,4-Dinitrophenol	15.06	184	142275	60.856	ng	93
54) Dibenzofuran	15.32	168	994685	35.215	ng	# 88
55) 4-Nitrophenol	15.14	139	257000	66.046	ng	# 69
56) 2,4-Dinitrotoluene	15.30	165	238053	34.230	ng	93
57) Fluorene	15.97	166	785233	33.711	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.54	232	195421	37.721	ng	# 100
59) Diethylphthalate	15.72	149	867214	32.756	ng	96
60) 4-Chlorophenyl-phenylether	15.94	204	395017	32.957	ng	# 88
61) 4-Nitroaniline	16.00	138	152176	27.822	ng	# 36
62) Azobenzene	16.24	77	898367	36.199	ng	80
64) 4,6-Dinitro-2-methylphenol	16.06	198	111252	34.507	ng	89
65) n-Nitrosodiphenylamine	16.17	169	659872	36.313	ng	99
66) 4-Bromophenyl-phenylether	16.84	248	228727	38.628	ng	# 85
67) Hexachlorobenzene	16.96	284	247357	37.384	ng	# 78
68) Atrazine	17.10	200	227654	38.087	ng	98
69) Pentachlorophenol	17.30	266	249626	60.970	ng	98
70) Phenanthrene	17.70	178	1075062	35.433	ng	99
71) Anthracene	17.79	178	1086814	36.475	ng	99
72) Carbazole	18.05	167	933303	33.614	ng	98
73) Di-n-butylphthalate	18.57	149	1228019	32.814	ng	# 98
74) Fluoranthene	19.67	202	1038751	29.781	ng	99
76) Benzidine	19.85	184	204334	17.924	ng	98
77) Pyrene	20.03	202	1013488	41.815	ng	99
79) Butylbenzylphthalate	20.88	149	443566	37.860	ng	# 84
80) Benzo(a)anthracene	21.74	228	878591	35.614	ng	99
81) 3,3'-Dichlorobenzidine	21.67	252	232413	26.221	ng	100
82) Chrysene	21.80	228	816269	35.519	ng	100
83) Bis(2-ethylhexyl)phthalate	21.63	149	594156	34.322	ng	96
84) Di-n-octyl phthalate	22.54	149	924324	32.746	ng	# 90
85) Indeno(1,2,3-cd)pyrene	26.64	276	919855	43.082	ng	# 93
87) Benzo(b)fluoranthene	23.43	252	816866	34.362	ng	# 96
88) Benzo(k)fluoranthene	23.48	252	759529	32.890	ng	97
89) Benzo(a)pyrene	24.06	252	758941	36.267	ng	99
90) Dibenzo(a,h)anthracene	26.64	278	793994	42.171	ng	97
91) Benzo(g,h,i)perylene	27.40	276	742094	44.858	ng	# 94

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



#1

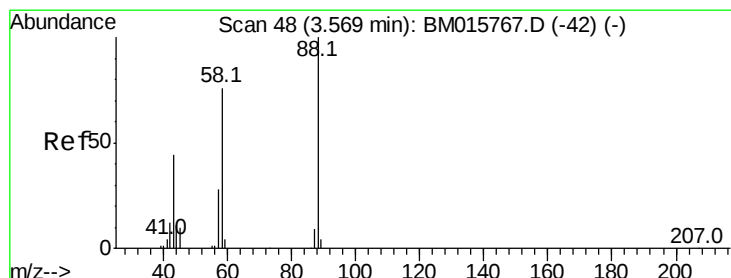
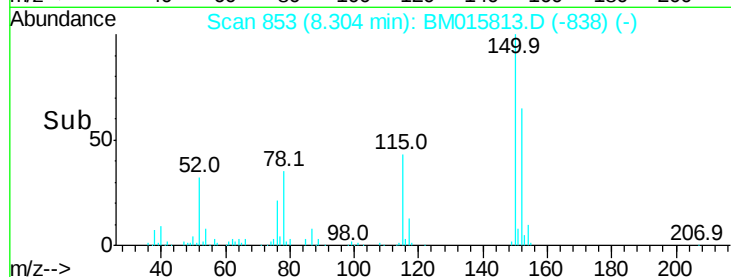
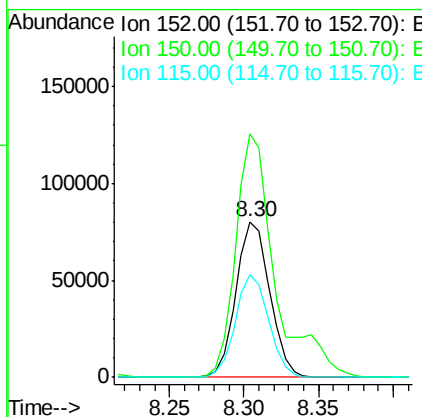
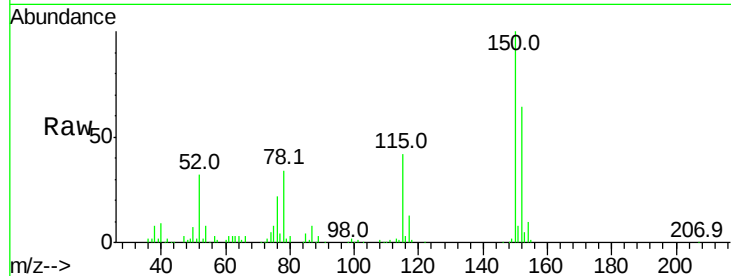
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampleId :
GF-02MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	119.5	179.3
115	66.1	43.0	64.4

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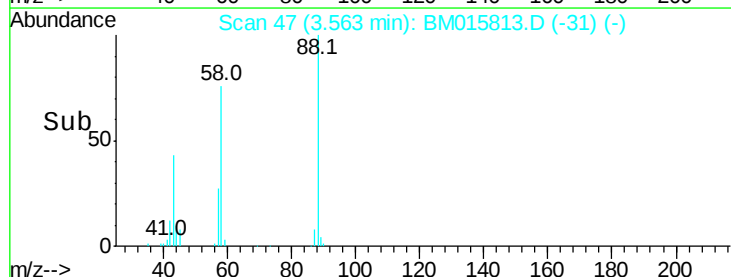
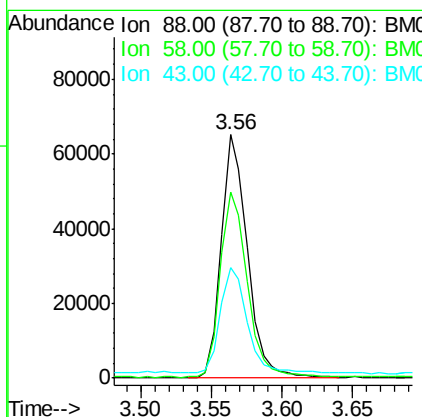
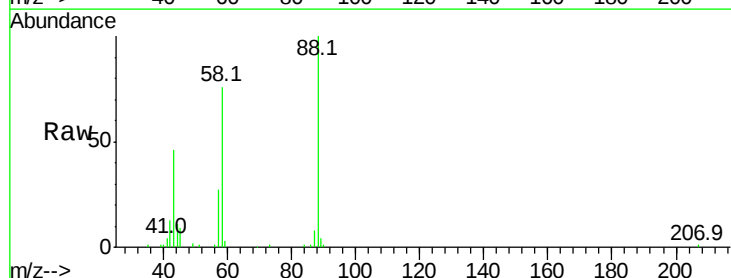
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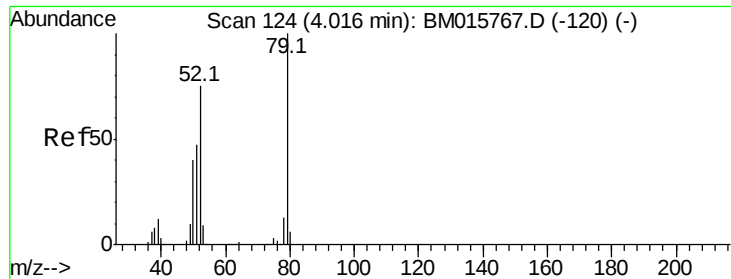


#2

1,4-Dioxane
Concen: 27.782 ng
RT: 3.56 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.4	0.0	0.0
43	44.3	0.0	0.0





#3

Pvridine

Concen: 22.753 ng

RT: 4.01 min Scan# 123

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Instrument :

BNA_M

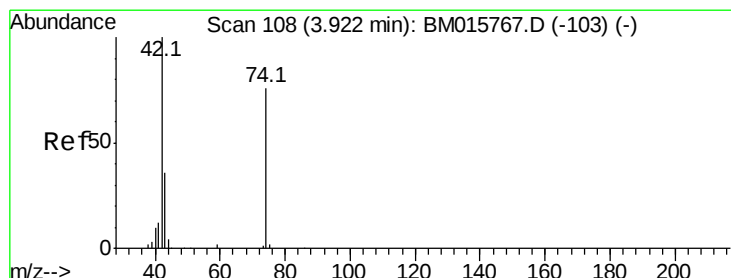
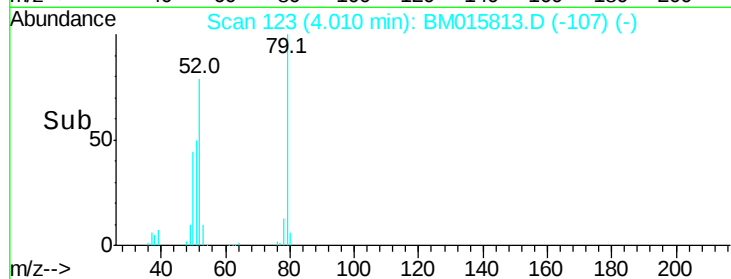
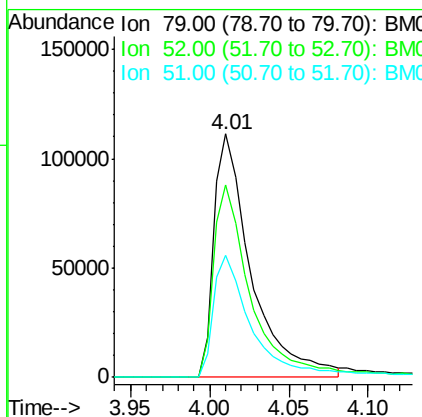
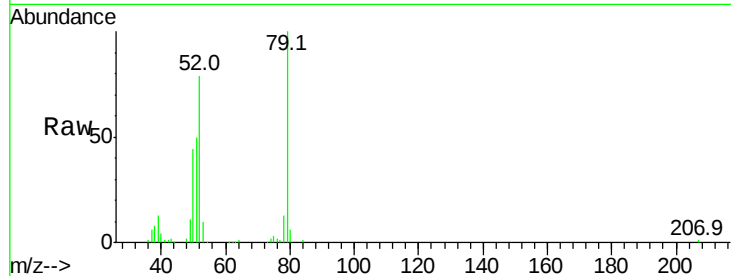
ClientSampleId :

GF-02MS

Tot Ion:	79	Resp:	182564
Ion Ratio	Lower	Upper	
79	100		
52	79.2	51.1	76.7#
51	49.9	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 33.279 ng

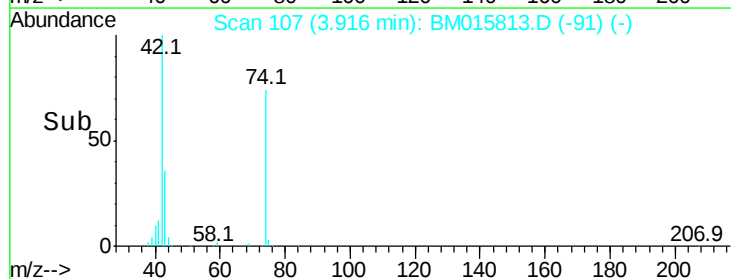
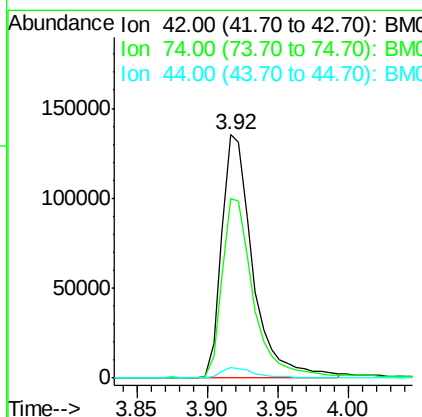
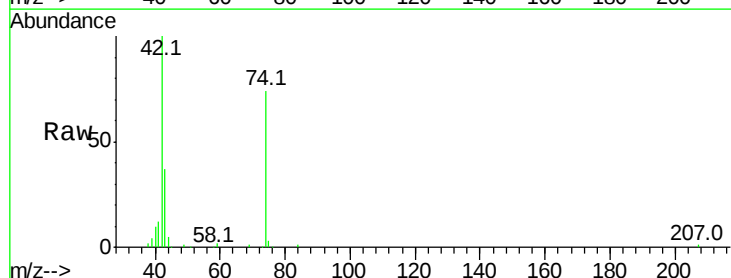
RT: 3.92 min Scan# 107

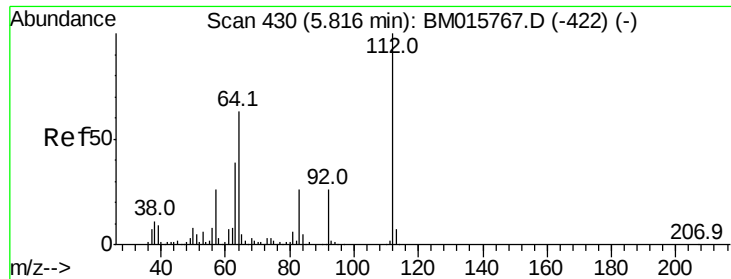
Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Tgt Ion:	42	Resp:	207914
Ion Ratio	Lower	Upper	
42	100		
74	73.6	119.3	178.9#
44	4.5	5.4	8.2#





#5

2-Fluorophenol

Concen: 33.279 ng

RT: 5.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Instrument :

BNA_M

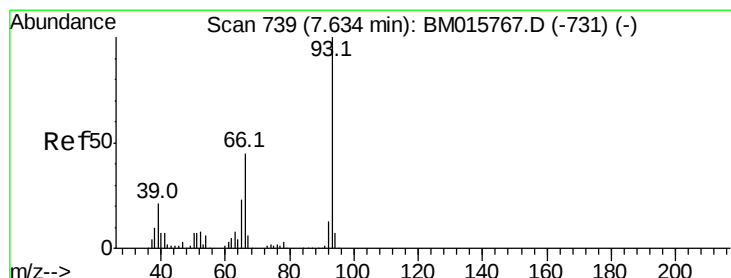
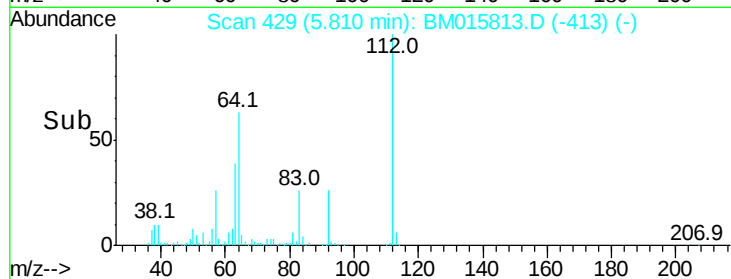
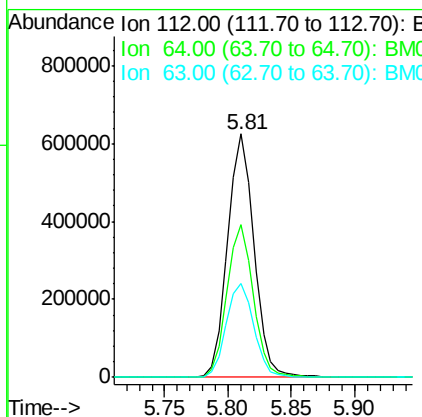
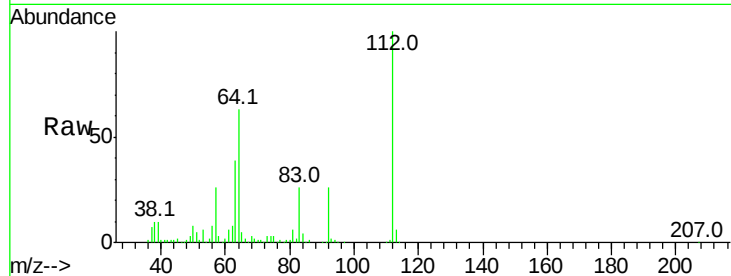
ClientSampleId :

GF-02MS

Tot Ion:	112	Resp:	903744
Ion Ratio	Lower	Upper	
112	100		
64	62.6	38.6	57.8#
63	38.6	19.3	28.9#

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#6

Aniline

Concen: 24.729 ng

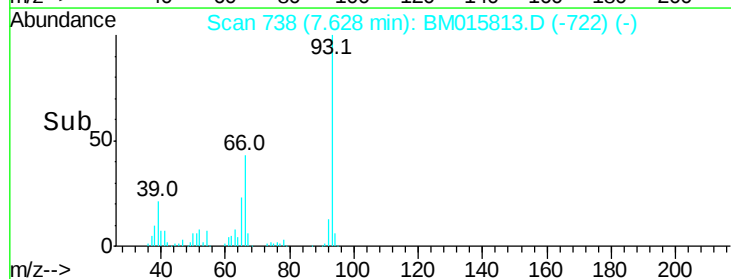
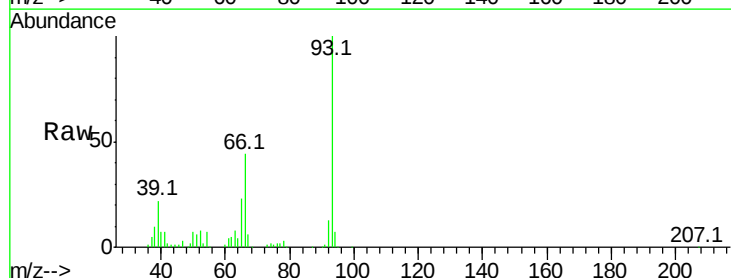
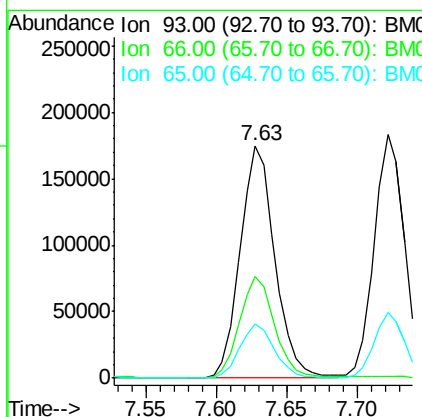
RT: 7.63 min Scan# 738

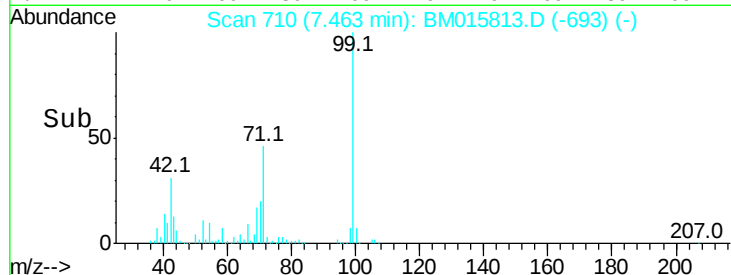
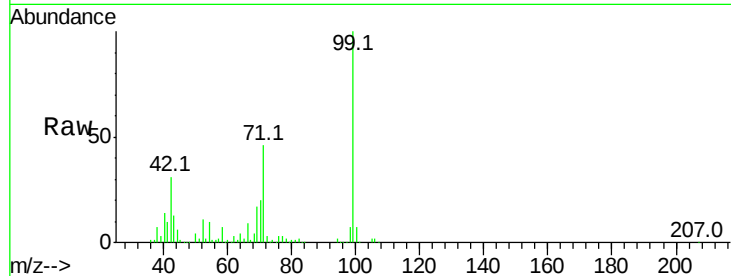
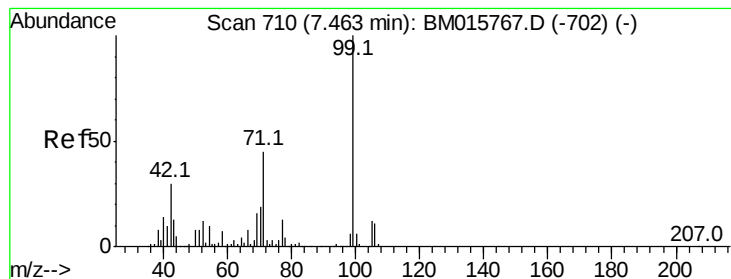
Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Tgt Ion:	93	Resp:	301760
Ion Ratio	Lower	Upper	
93	100		
66	43.7	30.8	46.2
65	23.2	16.0	24.0





#7

Phenol-d6

Concen: 24.729 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Instrument :

BNA_M

ClientSampleId :

GF-02MS

Tot Ion: 99 Resp: 1178764

Ion Ratio Lower Upper

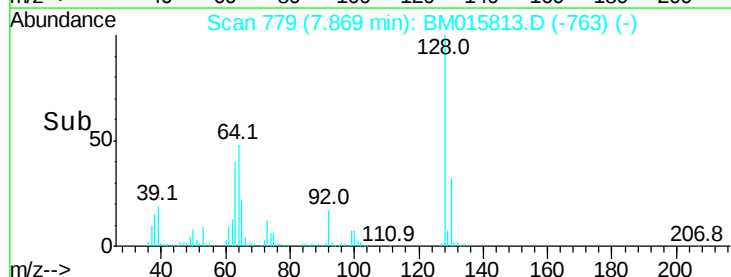
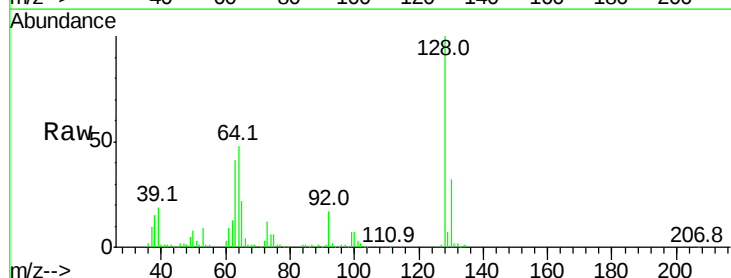
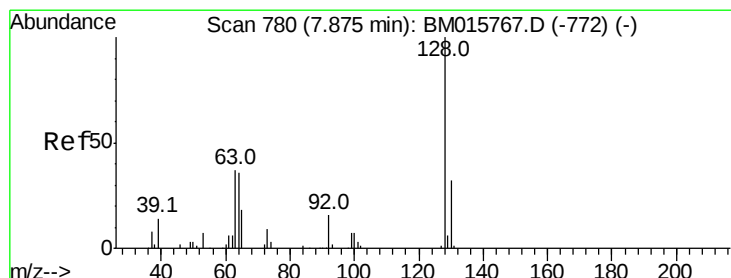
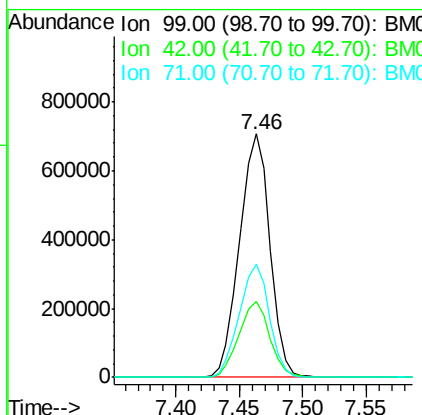
99 100

42 31.0 11.0 16.4#

71 46.3 23.4 35.2#

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#8

2-Chlorophenol

Concen: 37.169 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

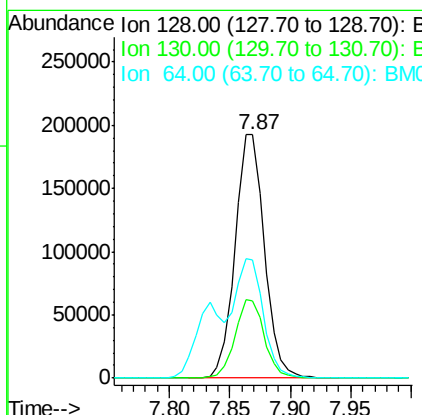
Tgt Ion: 128 Resp: 327968

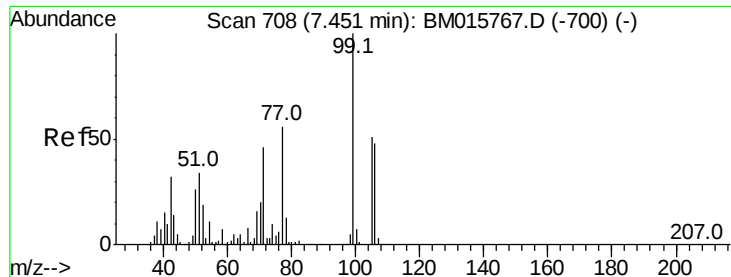
Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

64 48.3 24.9 64.9





#9

Benzaldehyde

Concen: 24.821 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Instrument :

BNA_M

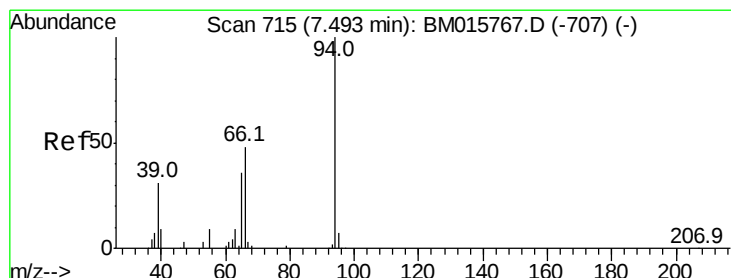
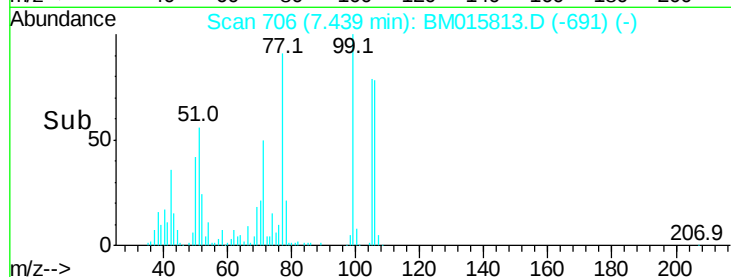
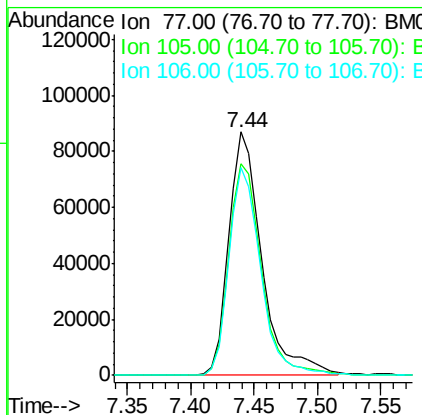
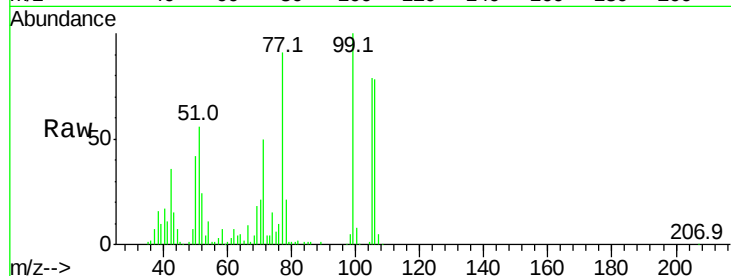
ClientSampled :

GF-02MS

Tot Ion:	77	Resp:	157460
Ion	Ratio	Lower	Upper
77	100		
105	86.9	78.8	118.8
106	85.3	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 40.342 ng

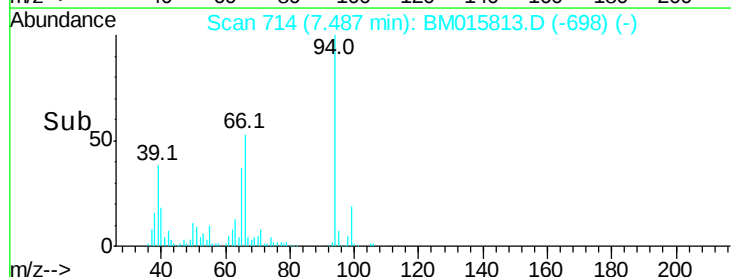
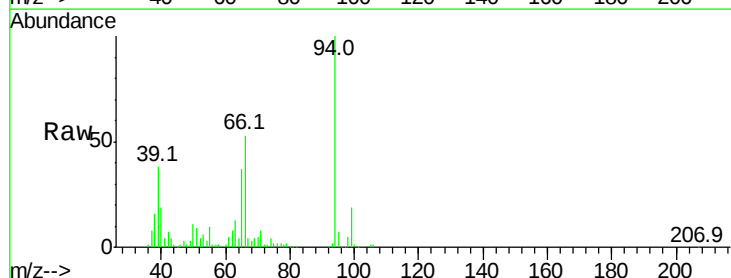
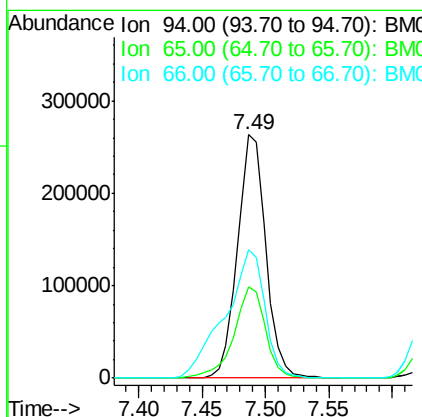
RT: 7.49 min Scan# 714

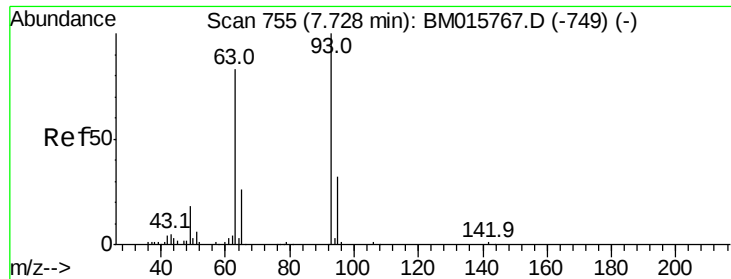
Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Tgt Ion:	94	Resp:	407990
Ion	Ratio	Lower	Upper
94	100		
65	37.3	18.8	58.8
66	52.8	39.9	79.9





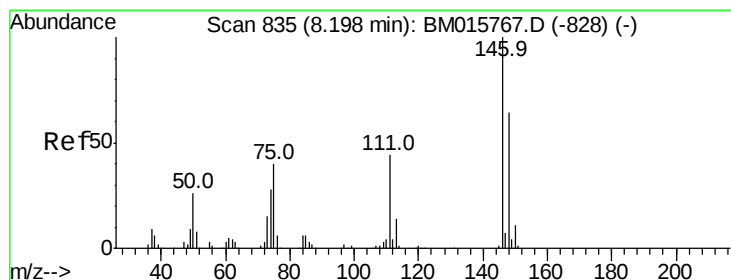
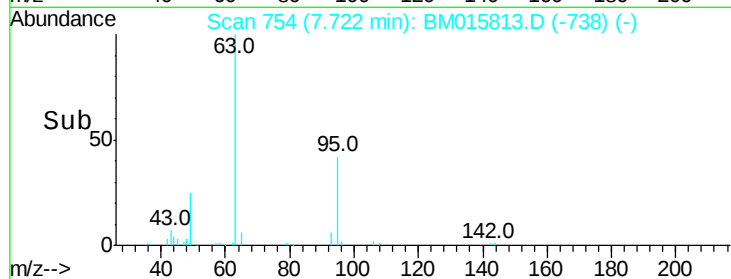
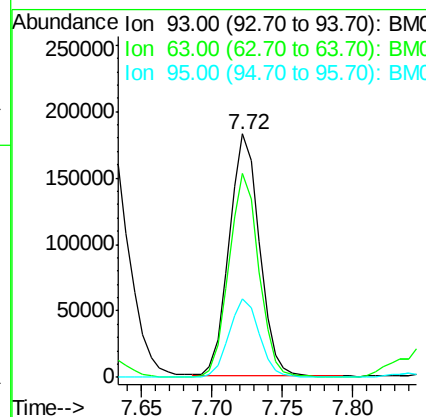
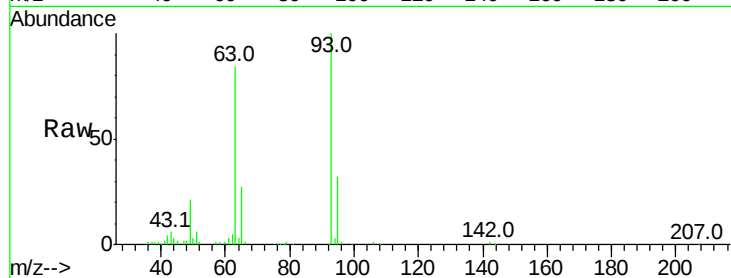
#11
bis(2-Chloroethyl)ether
Concen: 33.188 ng
RT: 7.72 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampleId :
GF-02MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	273039		
63	83.8	49.5	89.5	
95	32.5	13.5	53.5	

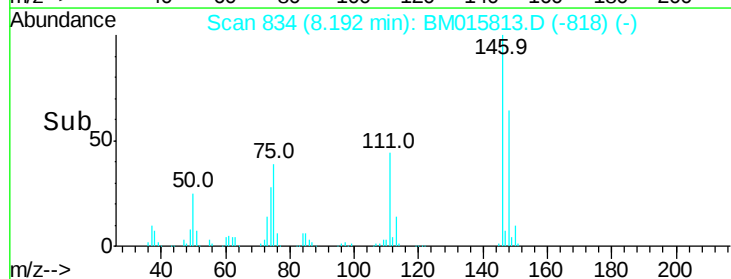
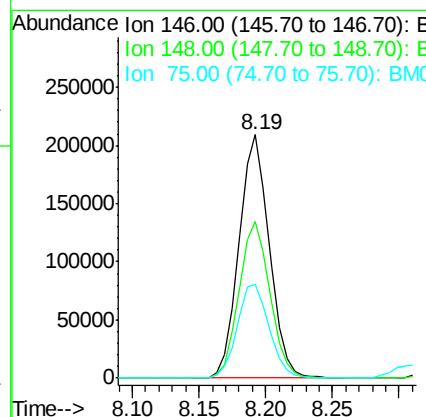
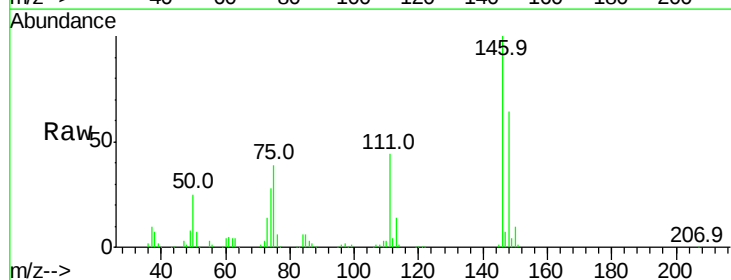
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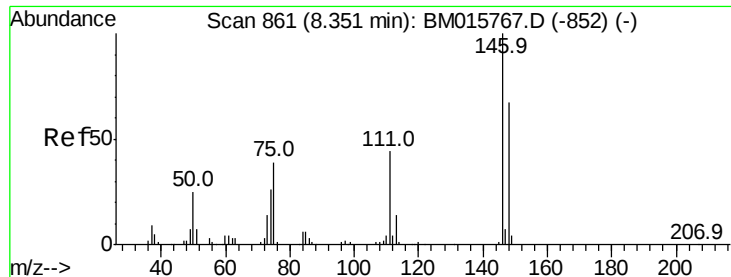
Sohil
7/9/2018 1:55:48 PM



#12
1,3-Dichlorobenzene
Concen: 33.742 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	330102		
148	64.4	50.9	76.3	
75	38.8	21.4	32.2	





#13

1,4-Dichlorobenzene

Concen: 33.539 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Instrument :

BNA_M

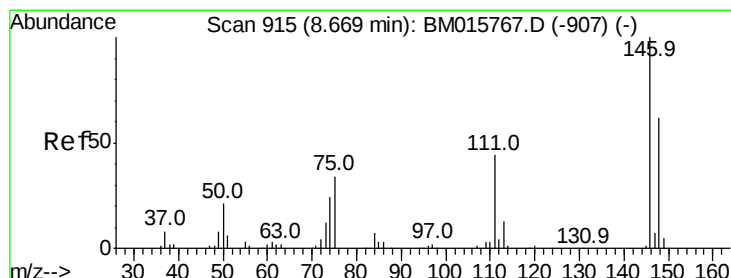
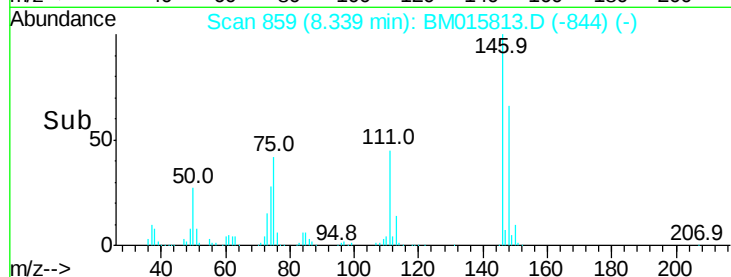
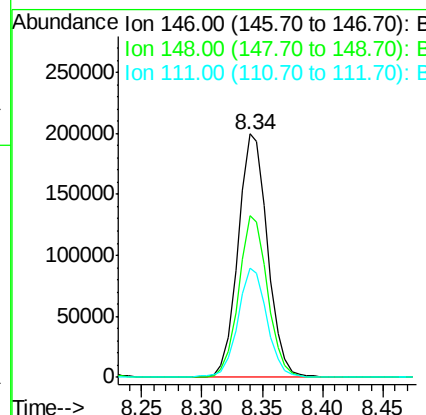
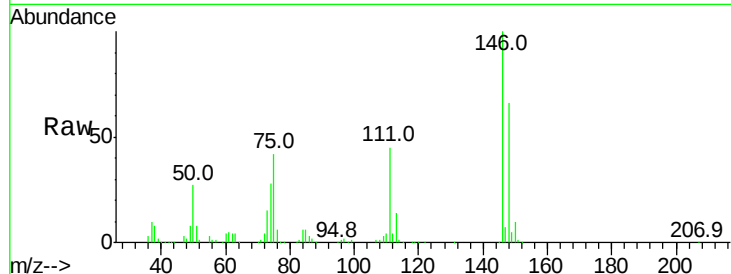
ClientSampled :

GF-02MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.9	77.9
111	45.0	29.2	43.8

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#14

1,2-Dichlorobenzene

Concen: 34.146 ng

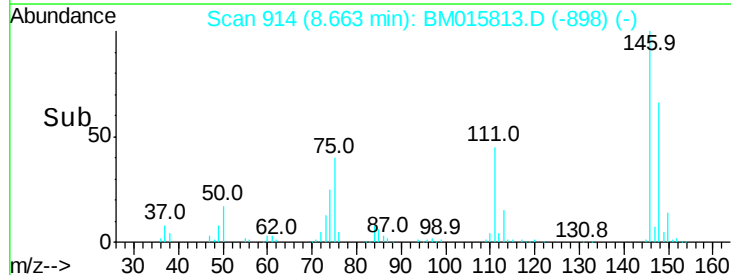
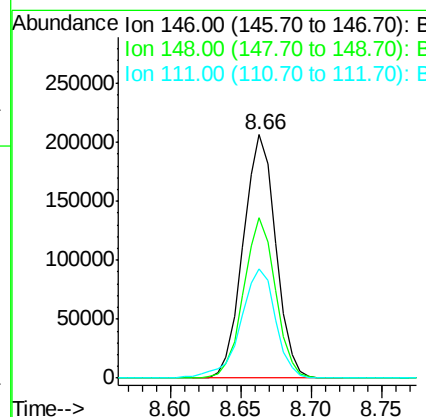
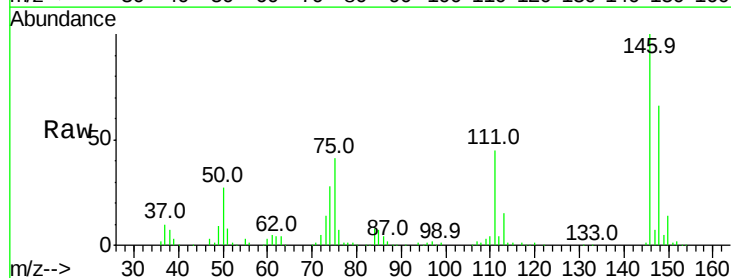
RT: 8.66 min Scan# 914

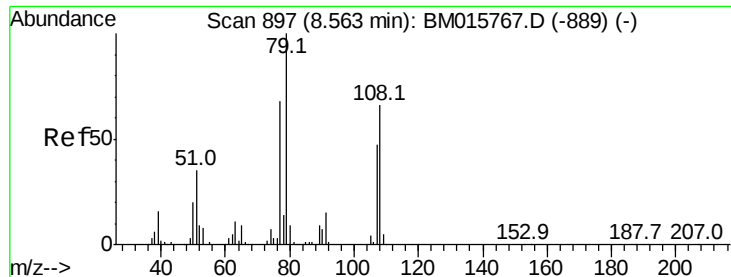
Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.3	78.5
111	44.9	30.6	45.8





#15

Benzyl Alcohol

Concen: 34.014 ng

RT: 8.56 min Scan# 896

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Instrument :

BNA_M

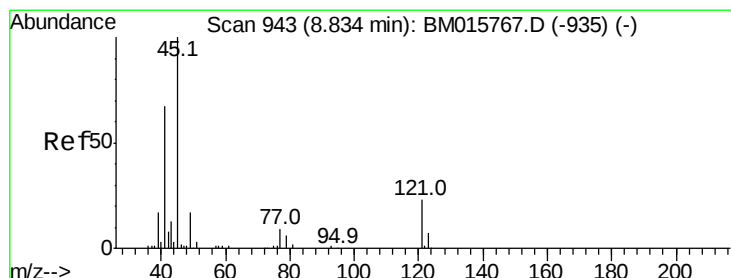
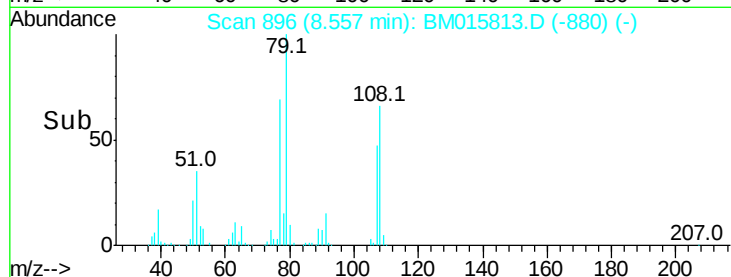
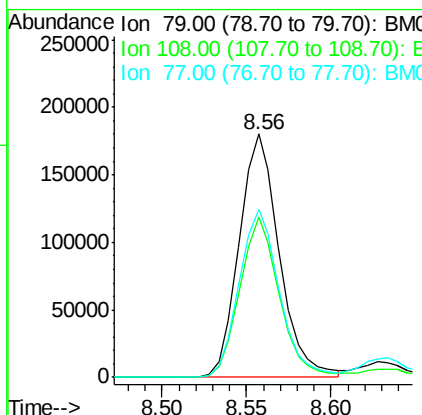
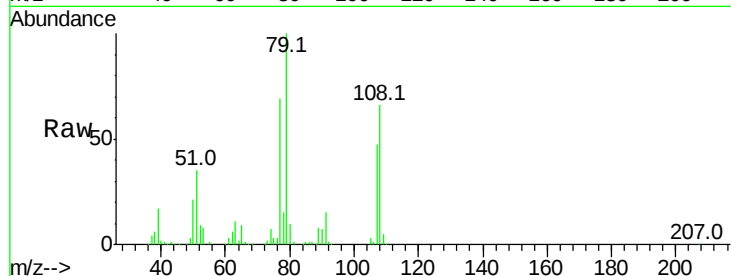
ClientSampled :

GF-02MS

Tot Ion:	79	Resp:	297221
Ion Ratio	Lower	Upper	
79	100		
108	66.1	65.0	97.4
77	69.2	53.0	79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.128 ng

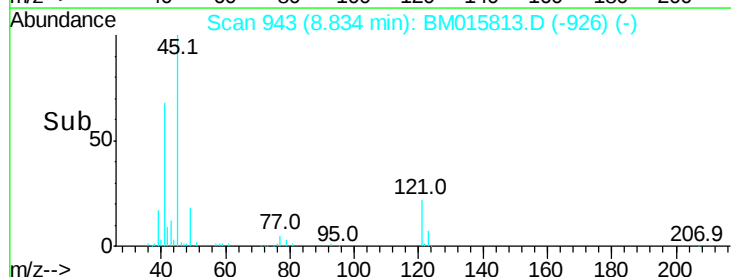
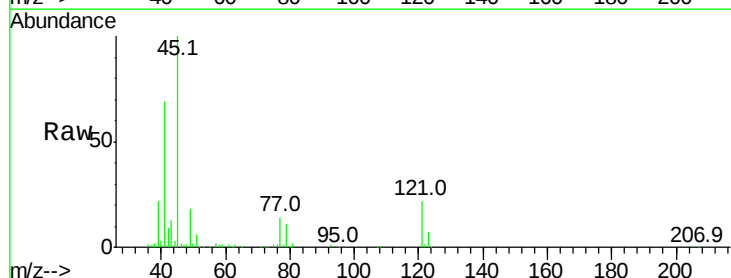
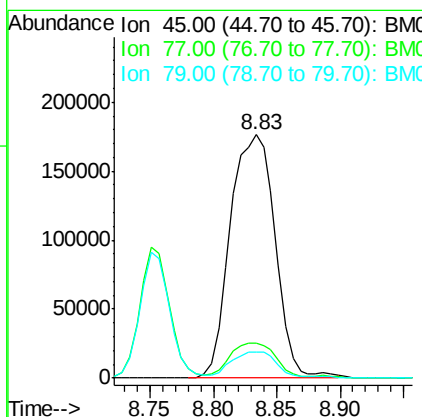
RT: 8.83 min Scan# 943

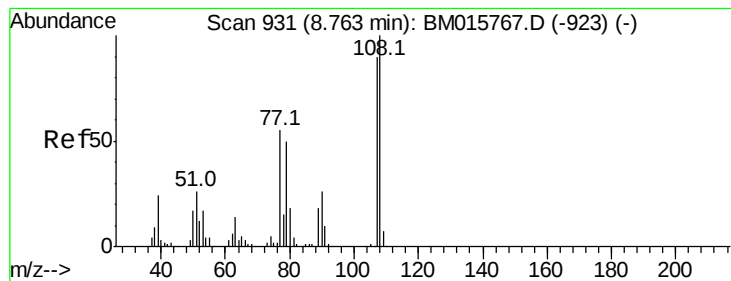
Delta R.T. -0.00 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Tgt Ion:	45	Resp:	432425
Ion Ratio	Lower	Upper	
45	100		
77	14.1	0.0	35.2
79	10.8	0.0	32.0





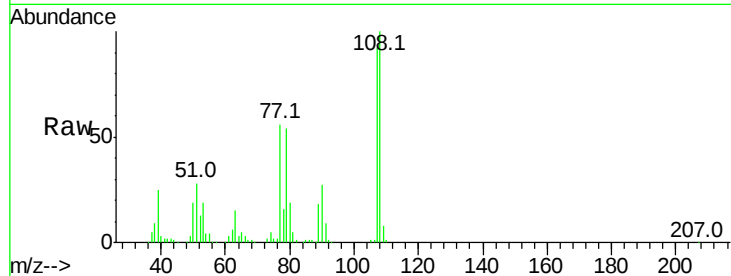
#17
2-Methylphenol
Concen: 37.128 ng
RT: 8.75 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampled :
GF-02MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	260142		
108	108.4	89.8	134.8	
77	61.1	32.6	48.8#	
79	58.7	32.8	49.2#	

Manual Integrations
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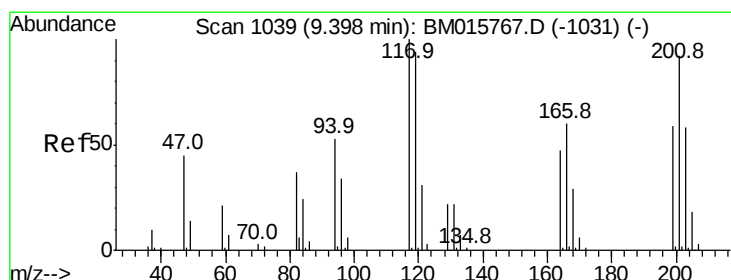
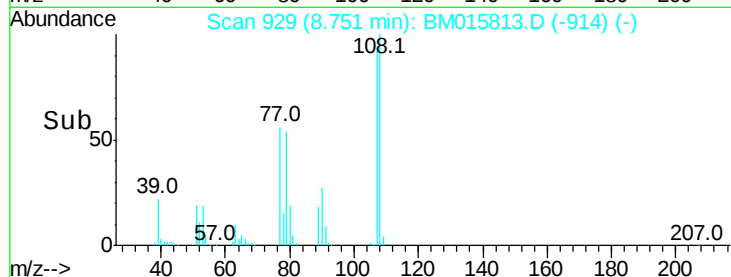
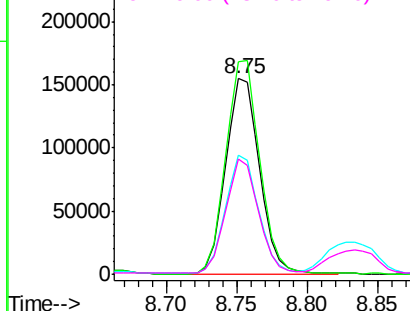
Abundance

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): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 34.605 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

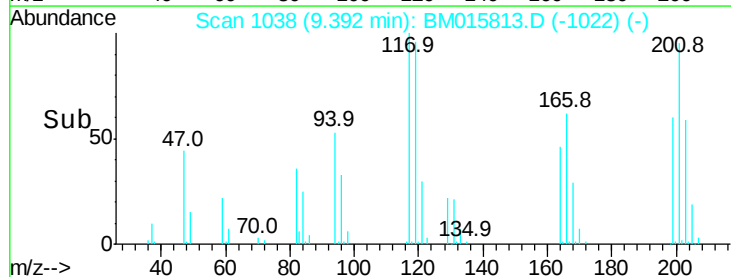
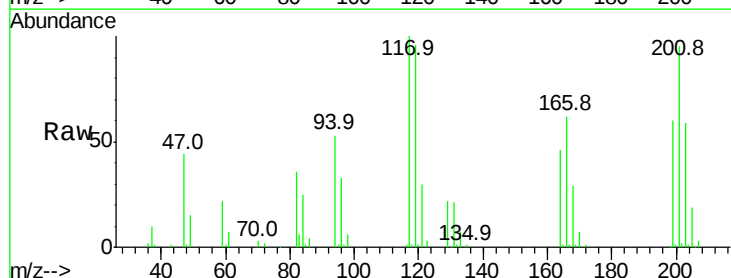
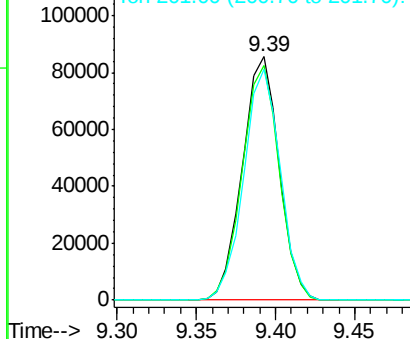
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	138430		
119	96.2	79.2	118.8	
201	94.8	69.8	104.6	

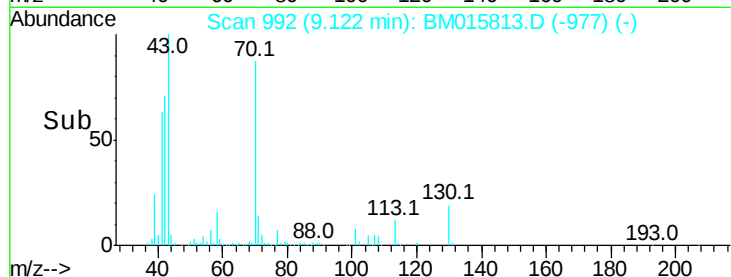
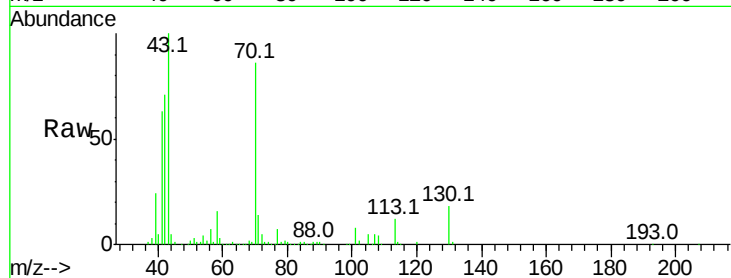
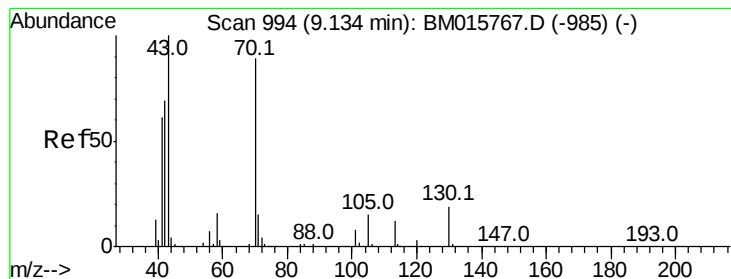
Abundance

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: 31.015 ng

RT: 9.12 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Instrument :

BNA_M

ClientSampleId :

GF-02MS

Tot Ion: 70 Resp: 250884

Ion Ratio Lower Upper

70 100

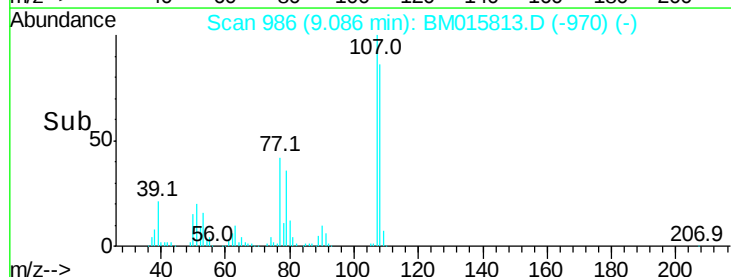
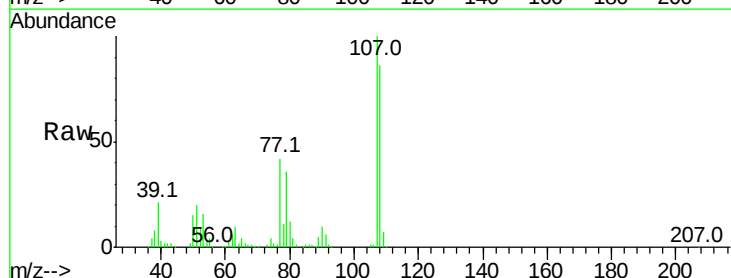
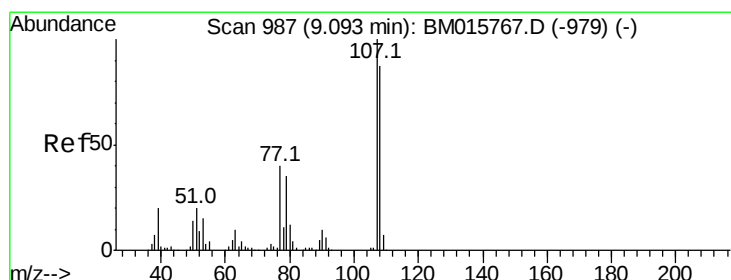
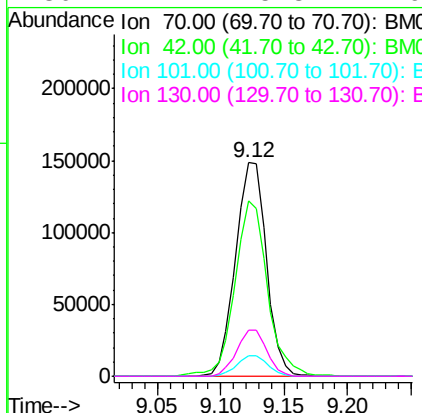
42 82.1 44.5 66.7#

101 9.6 7.4 11.2

130 21.4 15.3 22.9

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#20

3+4-Methylphenols

Concen: 35.932 ng

RT: 9.09 min Scan# 986

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Tgt Ion: 107 Resp: 349708

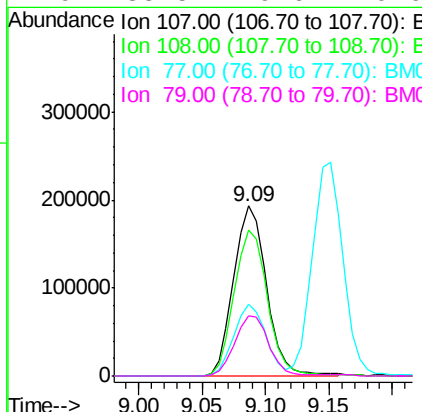
Ion Ratio Lower Upper

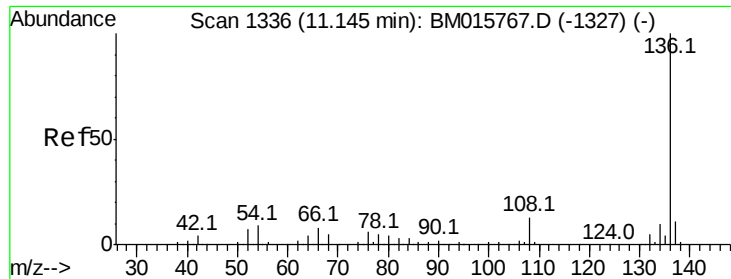
107 100

108 86.2 73.2 113.2

77 42.0 10.7 50.7

79 35.5 9.6 49.6





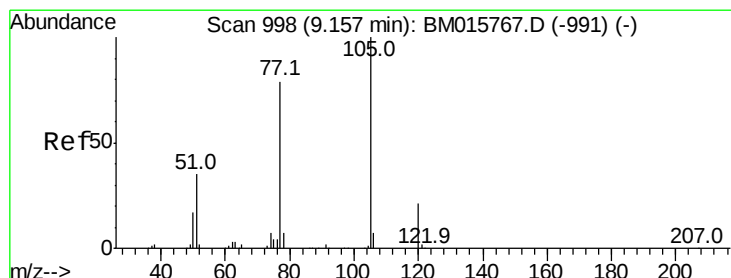
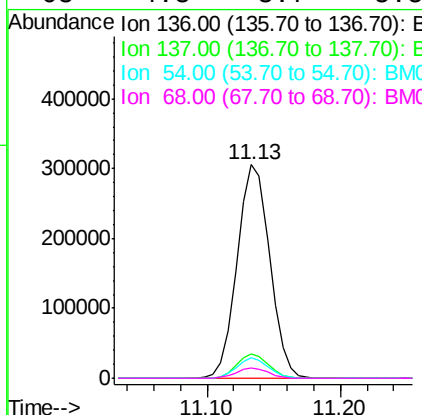
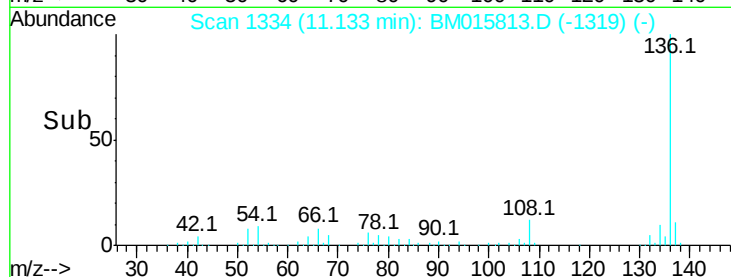
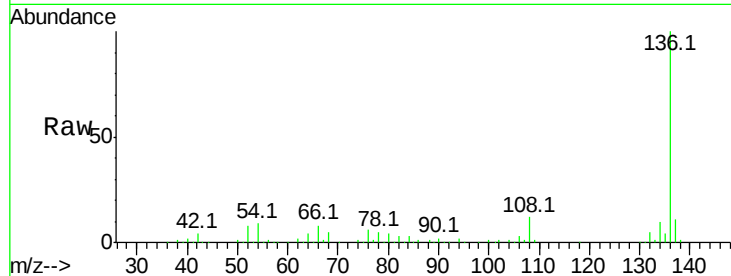
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampleId :
GF-02MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.7	13.1	
54	9.5	4.6	6.8	
68	4.8	3.7	5.5	

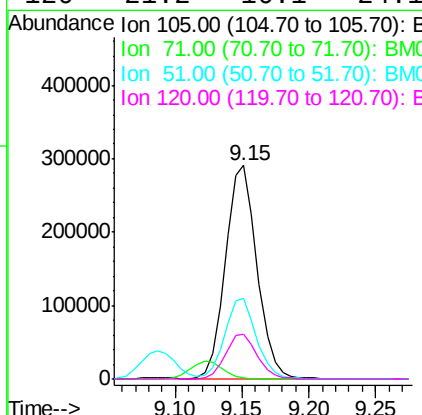
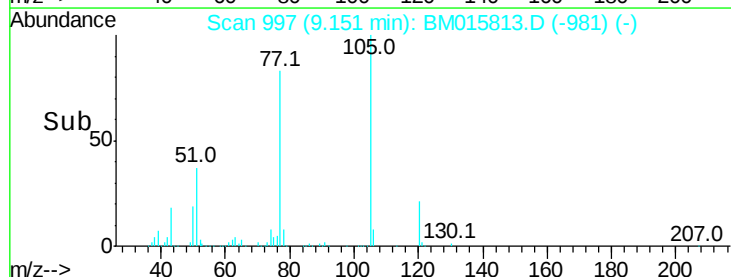
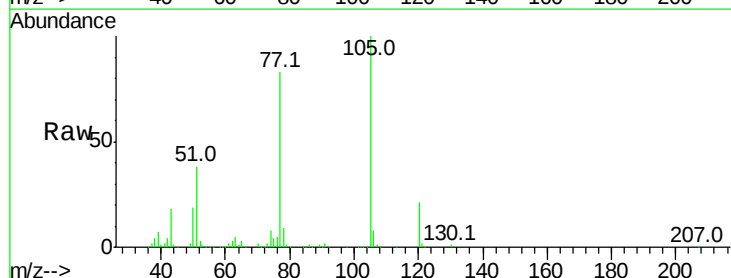
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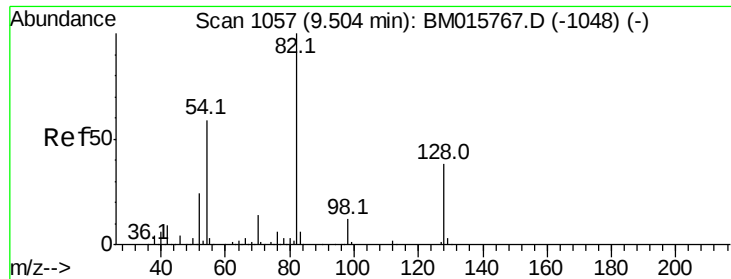
Sohil
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#22
Acetophenone
Concen: 35.487 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.3	0.6	1.0	
51	37.7	21.6	32.4	
120	21.2	16.1	24.1	





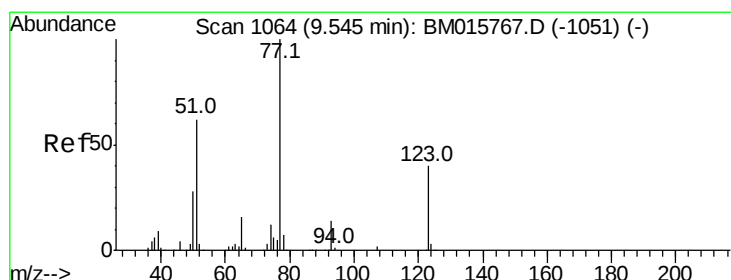
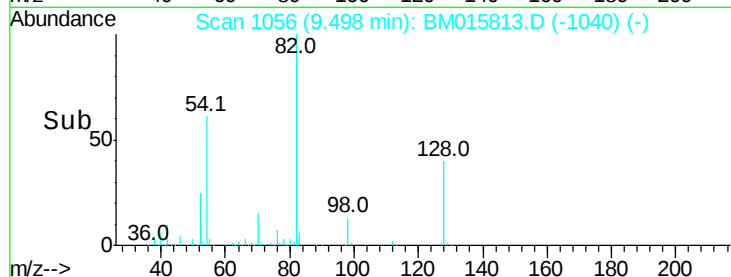
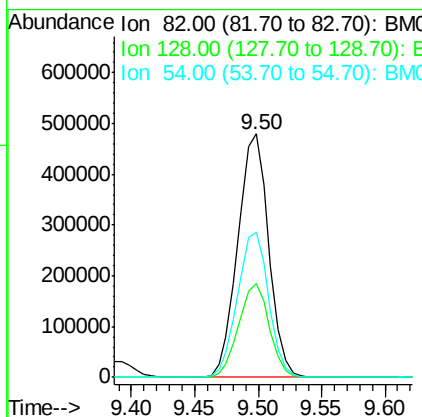
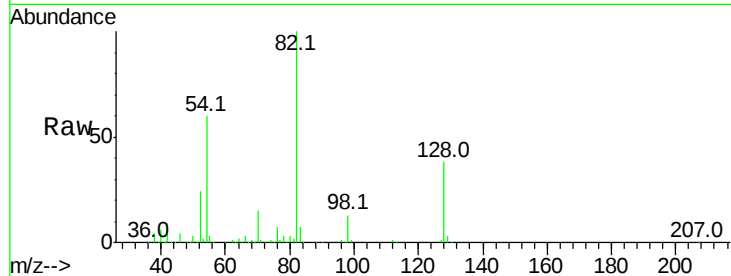
#23
Nitrobenzene-d5
Concen: 35.487 ng
RT: 9.50 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampled :
GF-02MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	811011		
128	38.4	32.8	49.2	
54	59.6	40.6	60.8	

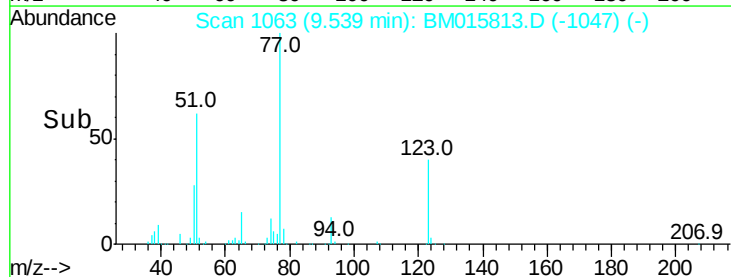
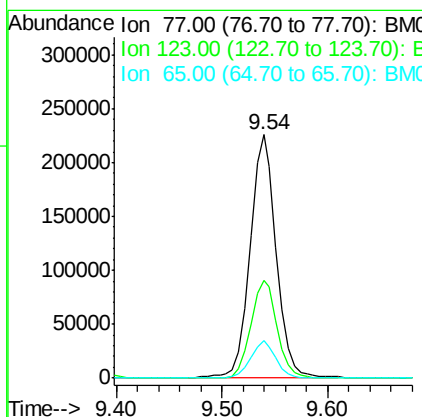
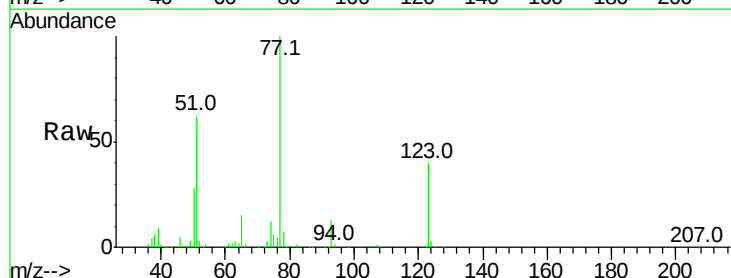
Manual Integrations
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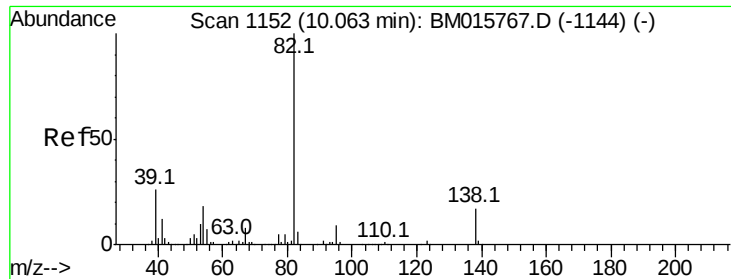
Sohil
7/9/2018 1:55:48 PM



#24
Nitrobenzene
Concen: 37.783 ng
RT: 9.54 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	389461		
123	40.3	32.6	49.0	
65	15.2	10.9	16.3	





#25

Isophorone

Concen: 40.013 ng

RT: 10.06 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Instrument :

BNA_M

ClientSampled :

GF-02MS

Tot Ion: 82 Resp: 646722

Ion Ratio Lower Upper

82 100

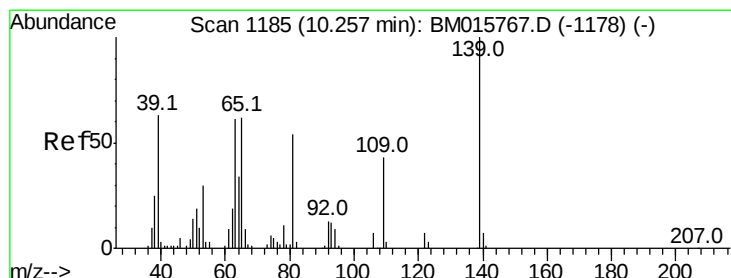
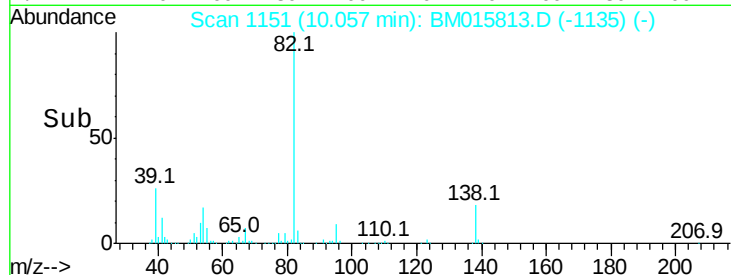
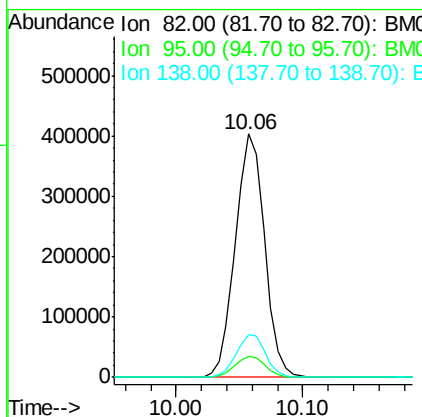
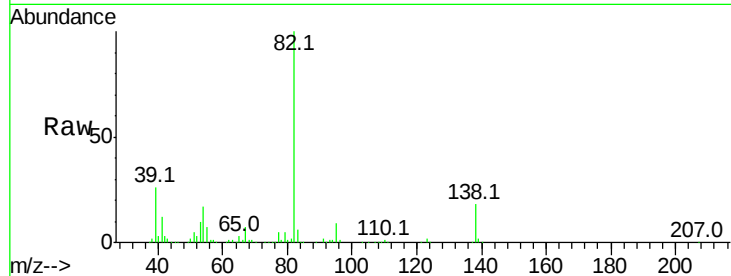
95 8.8 5.8 8.6#

138 17.6 16.3 24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.775 ng

RT: 10.25 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

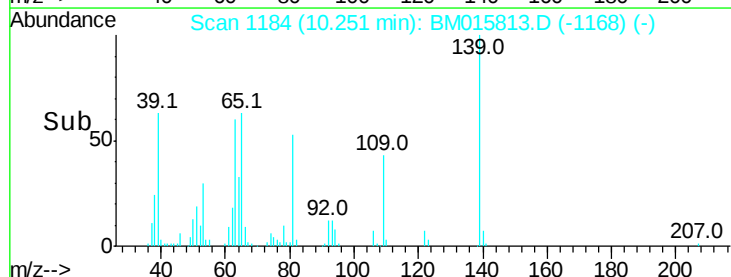
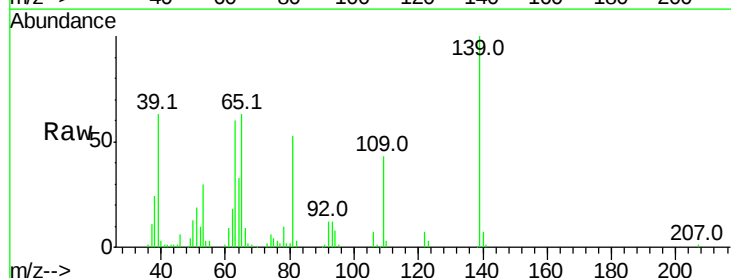
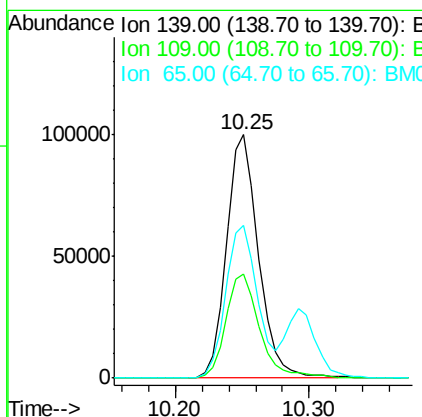
Tgt Ion: 139 Resp: 167672

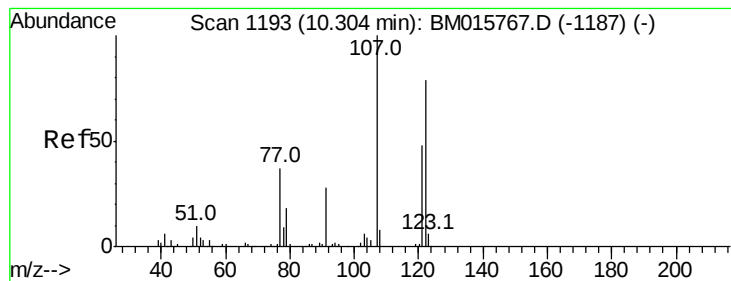
Ion Ratio Lower Upper

139 100

109 43.0 20.1 30.1#

65 62.9 31.5 47.3#





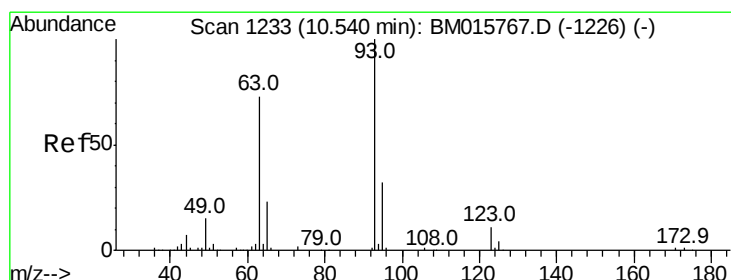
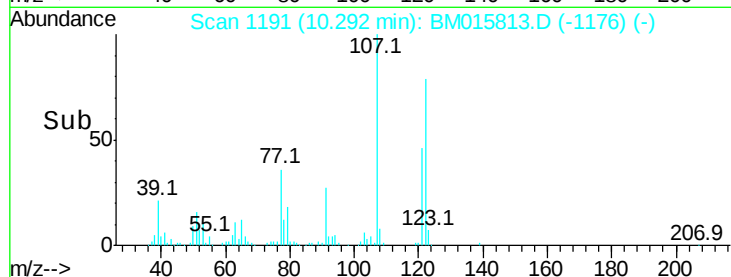
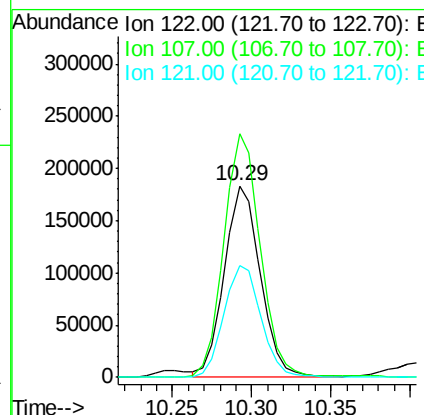
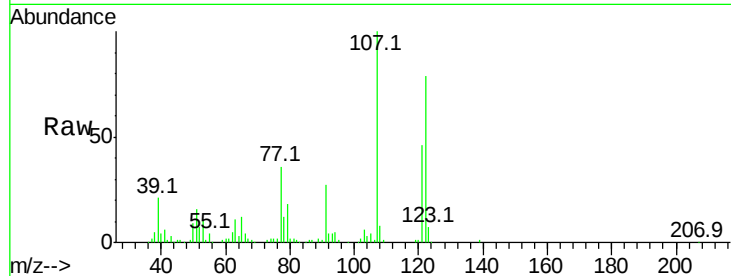
#27
2,4-Dimethylphenol
Concen: 42.405 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampleId :
GF-02MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	285939		
107	127.3	84.7	127.1#	
121	58.4	46.6	69.8	

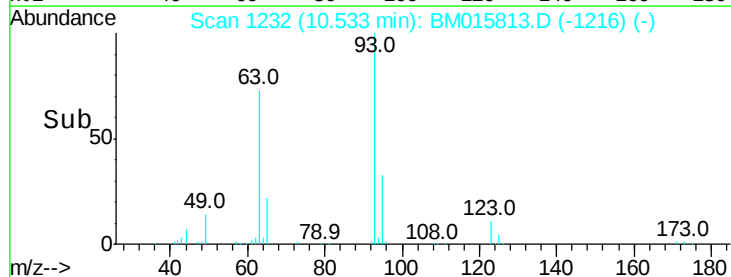
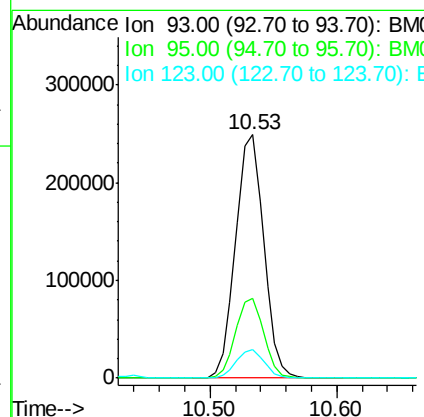
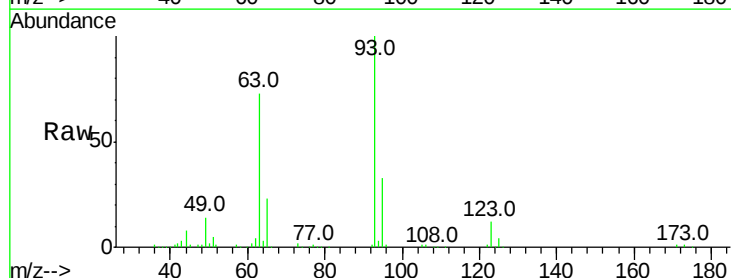
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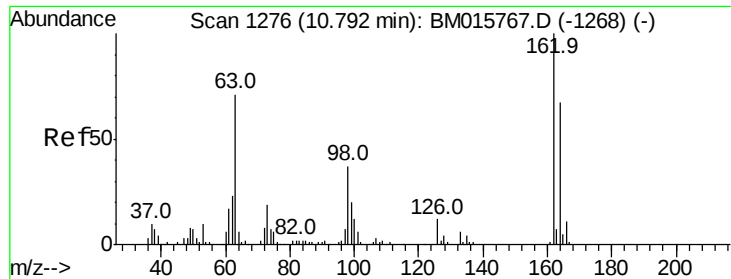
Sohil
7/9/2018 1:55:48 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.457 ng
RT: 10.53 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	383892		
95	32.7	25.5	38.3	
123	11.8	8.6	13.0	





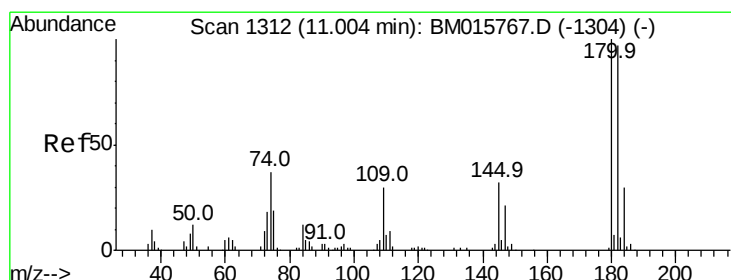
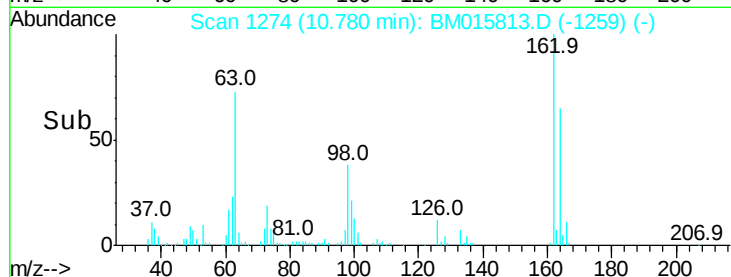
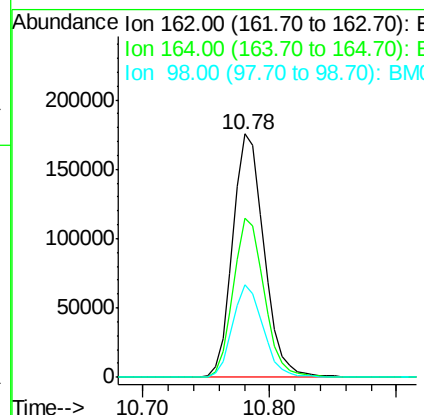
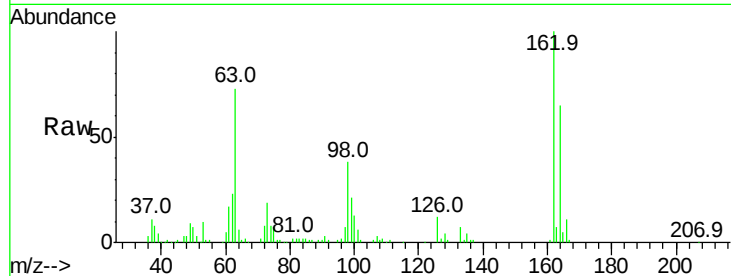
#29
2,4-Dichlorophenol
Concen: 40.198 ng
RT: 10.78 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampleId :
GF-02MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	300203		
164	65.4	42.8	82.8	
98	38.0	14.5	54.5	

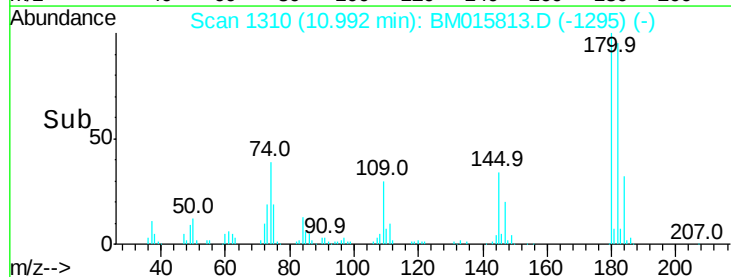
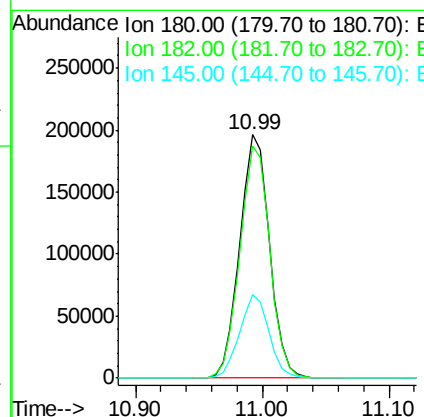
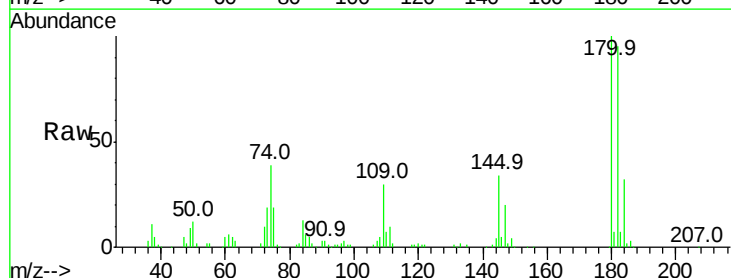
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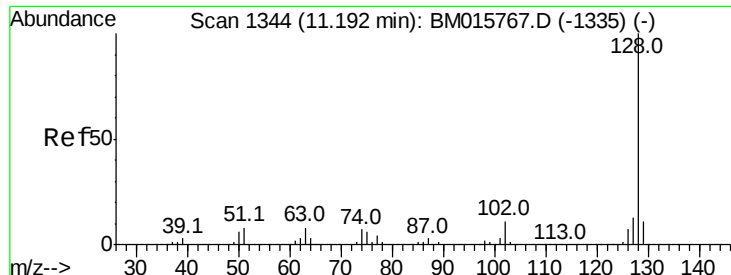
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 36.700 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	318339		
182	95.2	77.6	116.4	
145	34.4	23.4	35.2	





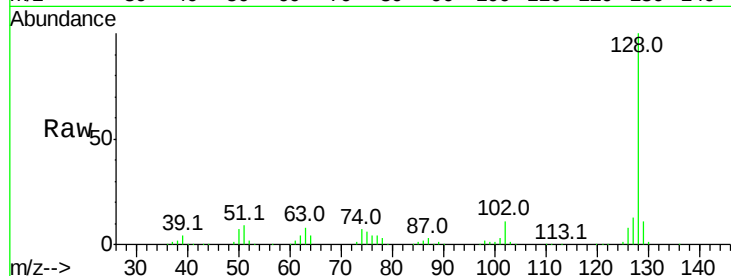
#31
Naphthalene
Concen: 36.358 ng
RT: 11.19 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampleId :
GF-02MS

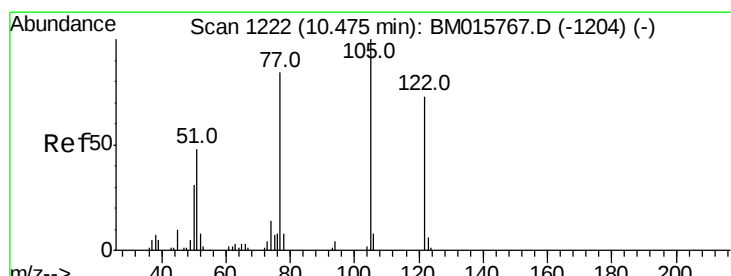
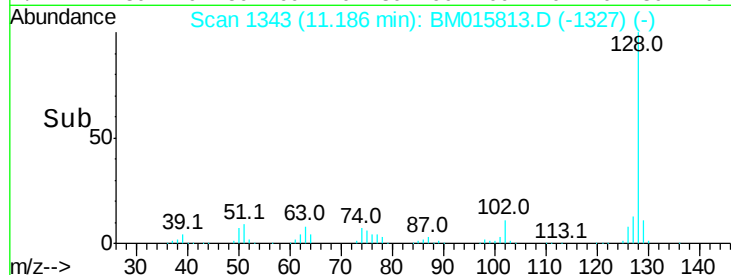
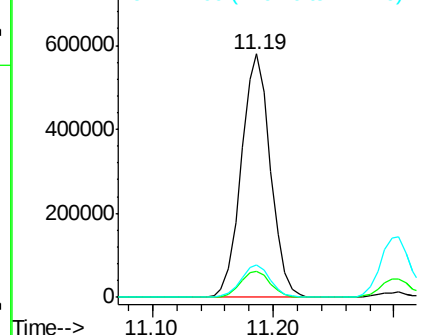
Tot Ion	Ratio	Resp	Lower	Upper
128	100	973923		
129	10.9		8.9	13.3
127	13.5		10.4	15.6

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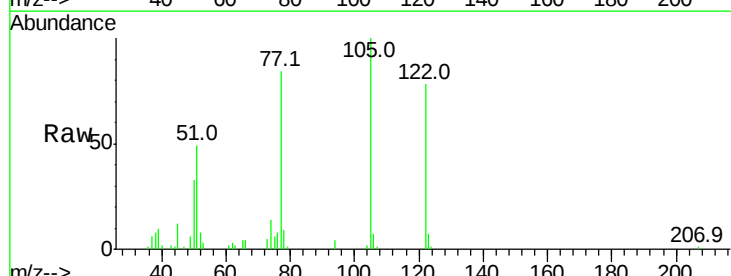


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

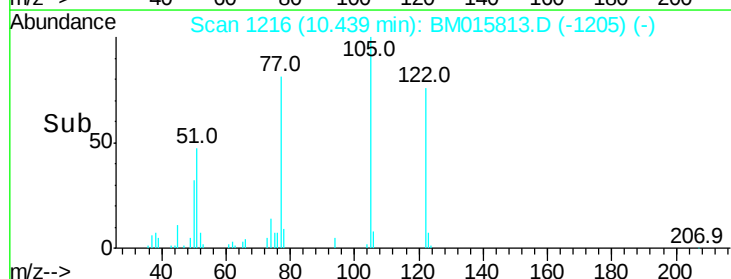
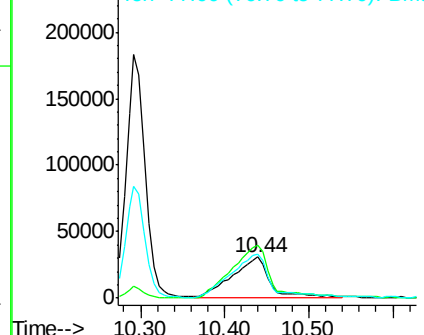


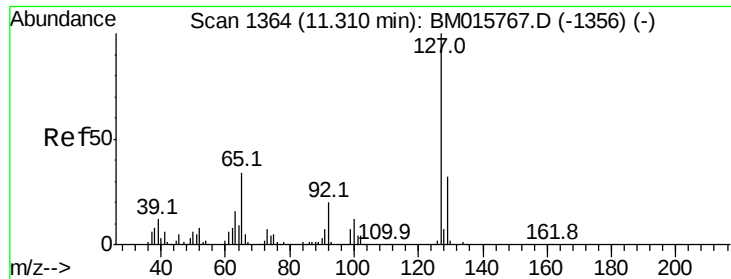
#32
Benzoic acid
Concen: 15.309 ng m
RT: 10.44 min Scan# 1216
Delta R.T. -0.04 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	91398		
105	127.5		99.9	139.9
77	106.9		73.7	113.7



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): BM





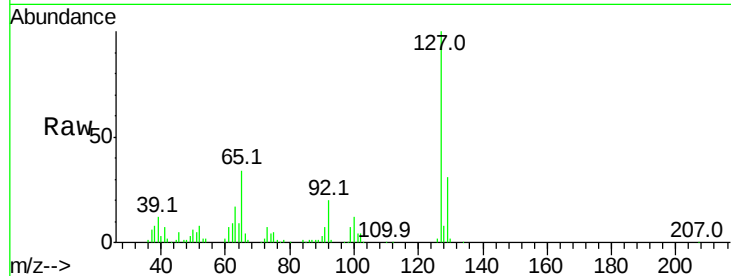
#33
4-Chloroaniline
Concen: 23.835 ng
RT: 11.30 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampleId :
GF-02MS

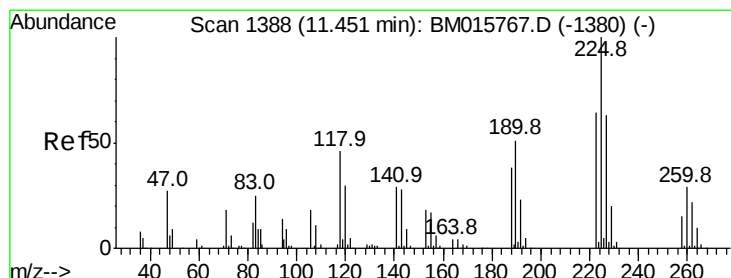
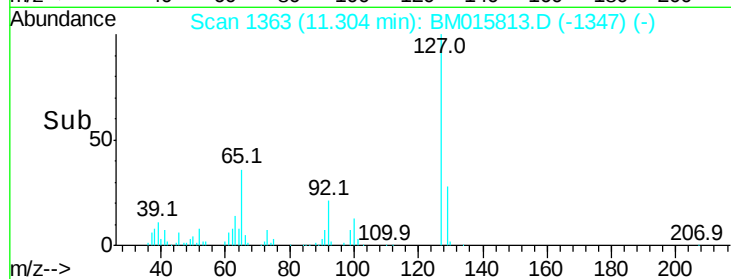
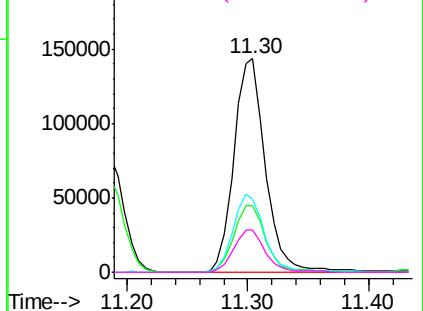
Tot Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.0	25.3	37.9
65	34.4	17.6	26.4
92	19.6	13.1	19.7

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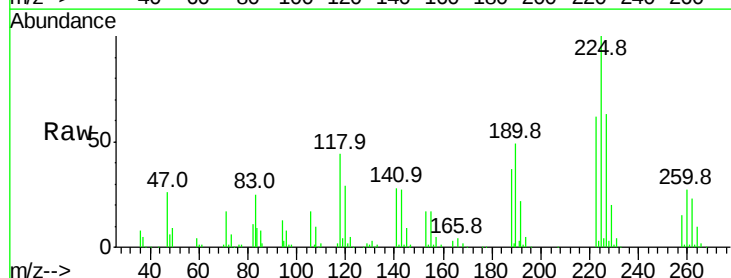


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

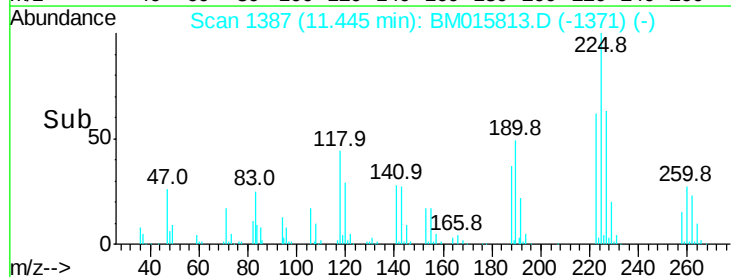
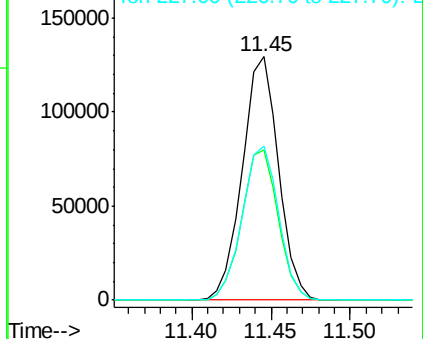


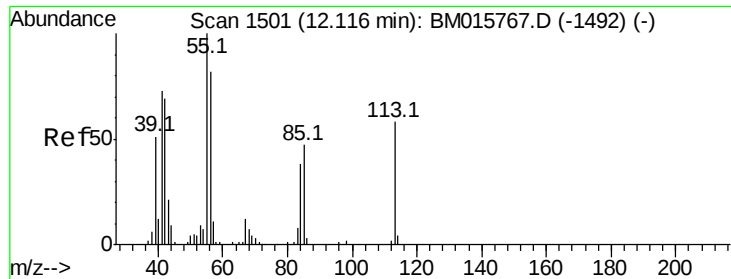
#34
Hexachlorobutadiene
Concen: 35.448 ng
RT: 11.45 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	61.8	47.9	71.9
227	63.4	50.1	75.1



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: 30.412 ng

RT: 12.10 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Instrument :

BNA_M

ClientSampled :

GF-02MS

Tot Ion:113 Resp: 75323

Ion Ratio Lower Upper

113 100

55 174.3 145.9 185.9

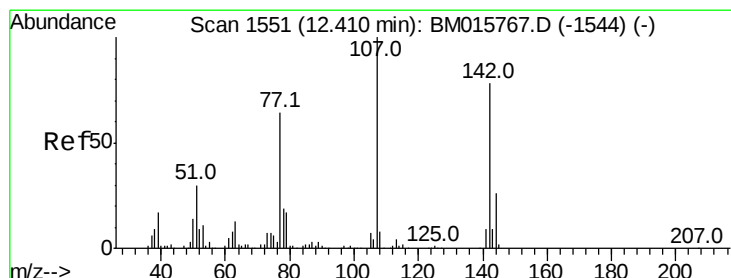
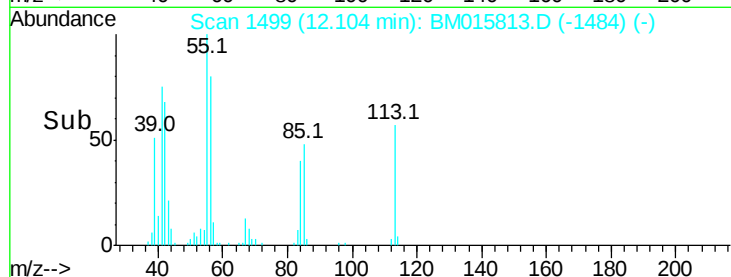
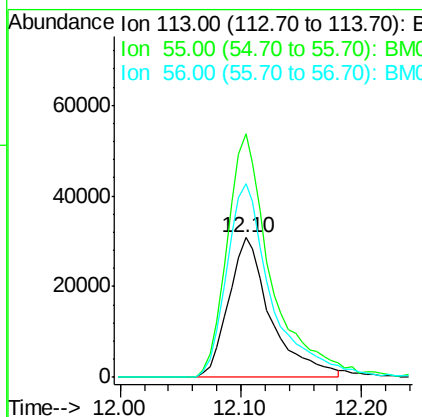
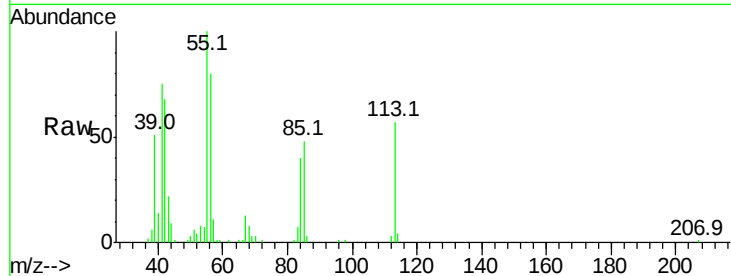
56 138.6 101.0 141.0

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#36

4-Chloro-3-methylphenol

Concen: 37.463 ng

RT: 12.40 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

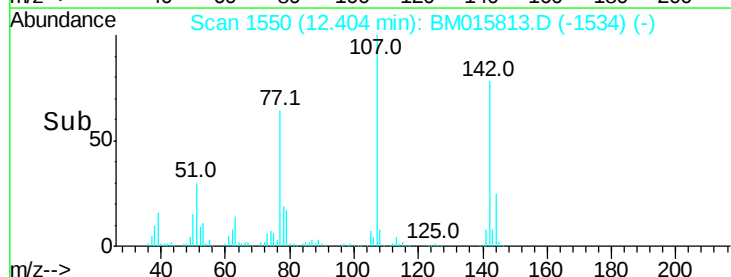
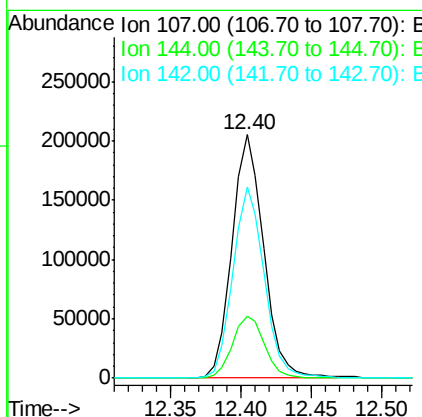
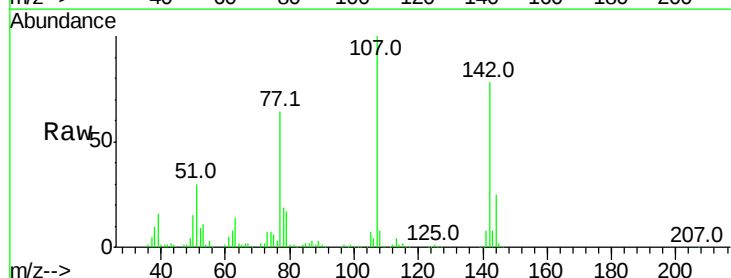
Tgt Ion:107 Resp: 321025

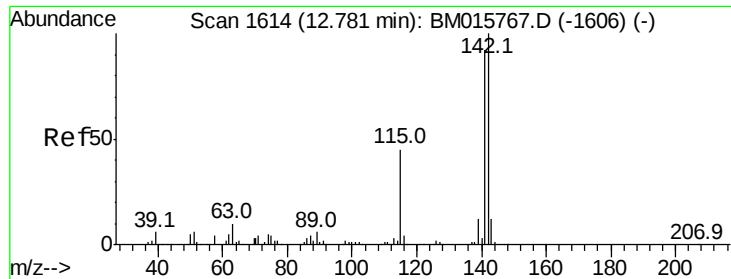
Ion Ratio Lower Upper

107 100

144 25.2 23.3 34.9

142 78.5 72.6 109.0





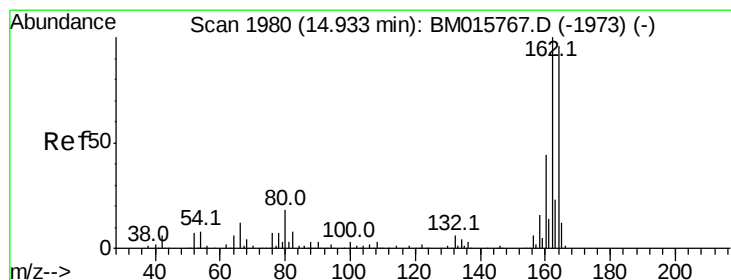
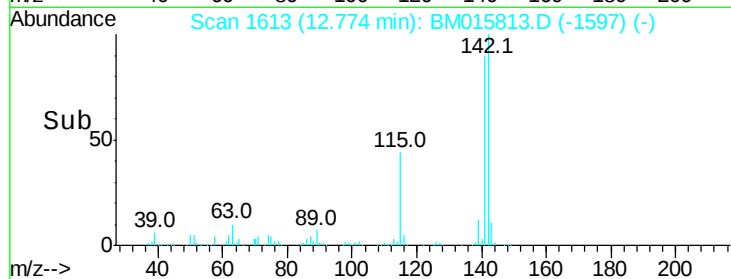
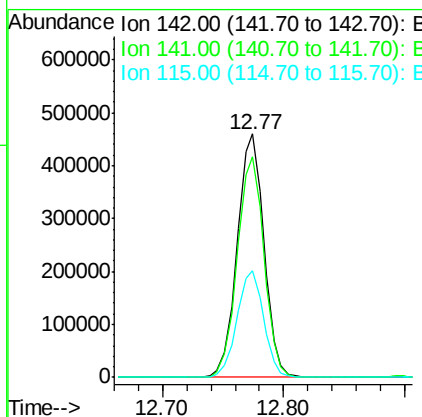
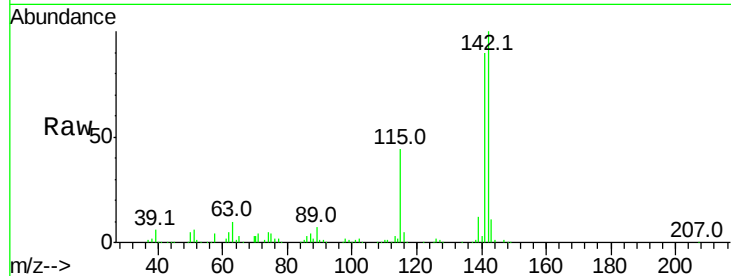
#37
2-Methylnaphthalene
Concen: 37.190 ng
RT: 12.77 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampleId :
GF-02MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
115	44.0	25.4	38.0

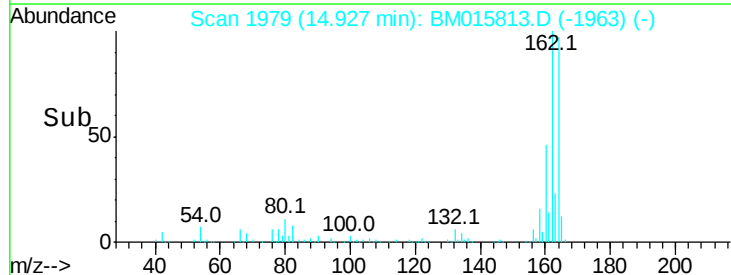
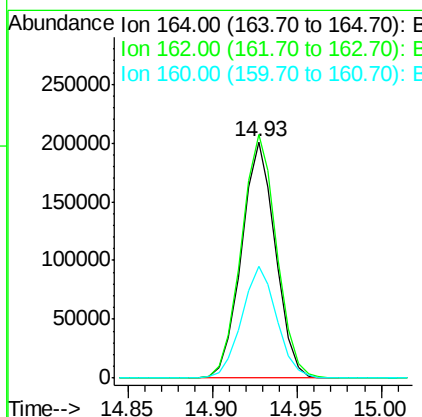
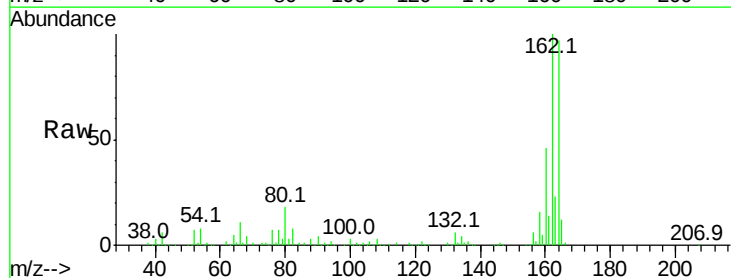
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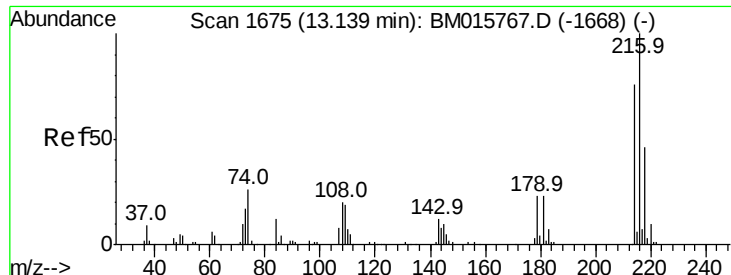
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.93 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.4	123.6
160	47.4	35.8	53.6





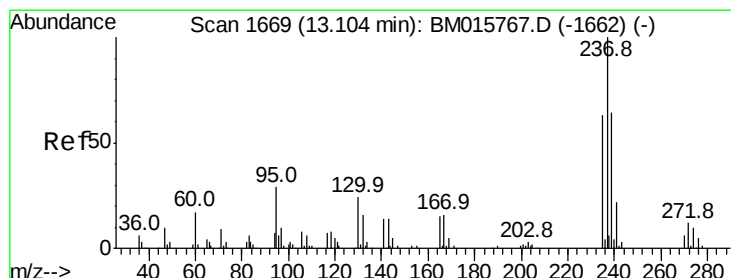
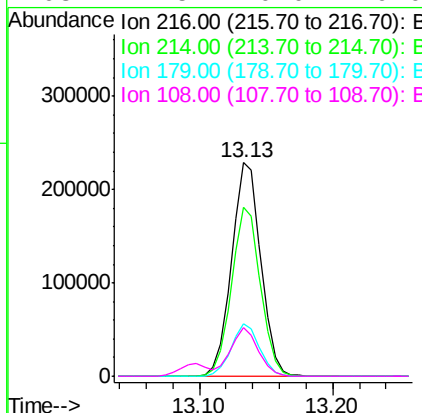
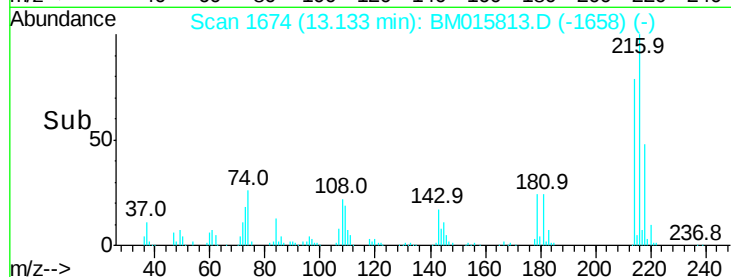
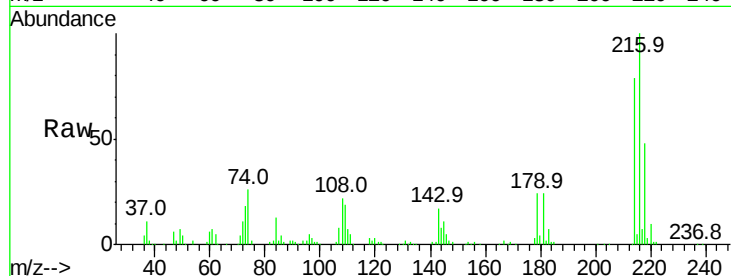
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.771 ng
 RT: 13.13 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM015813.D
 Acq: 06 Jul 2018 21:58

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.3	0.0	0.0#
179	23.9	0.0	0.0#
108	21.5	0.0	0.0#

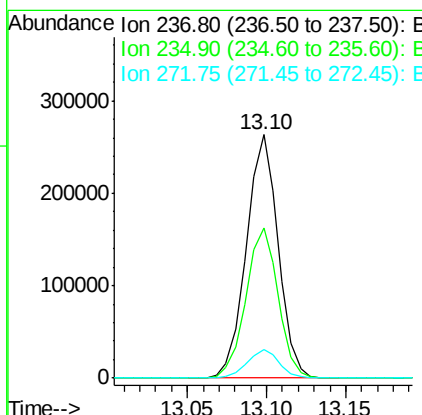
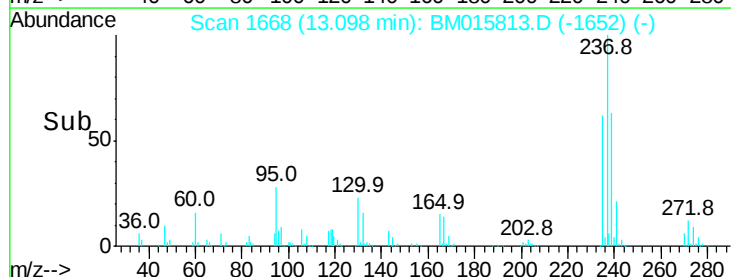
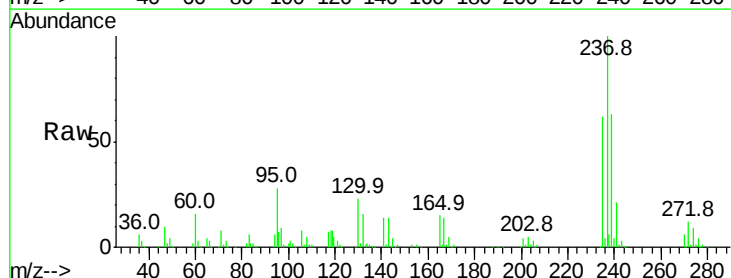
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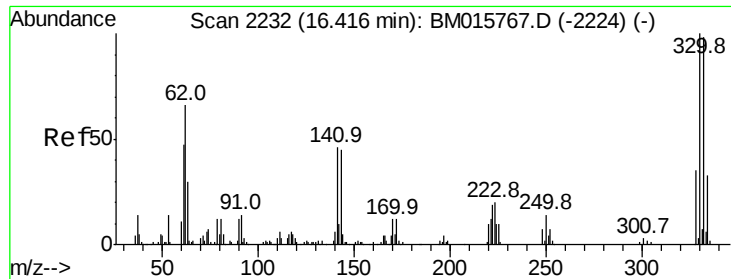
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 86.368 ng
 RT: 13.10 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM015813.D
 Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.7	42.0	82.0
272	11.7	0.0	33.4





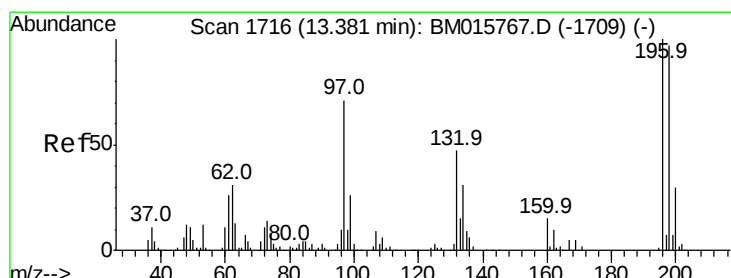
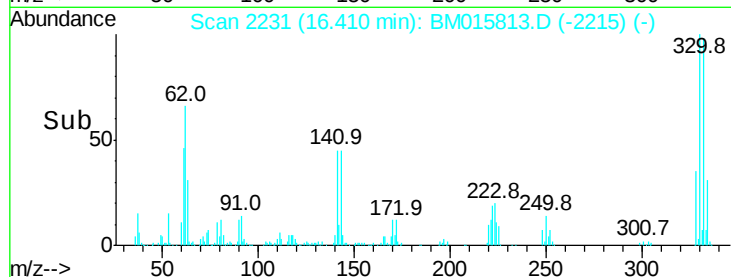
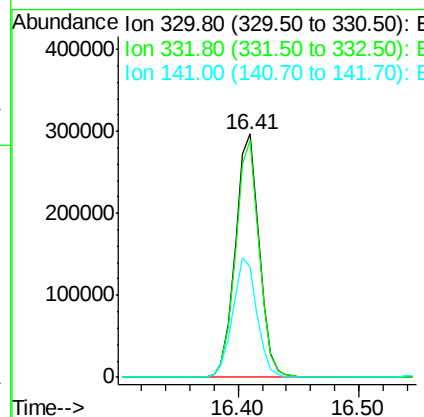
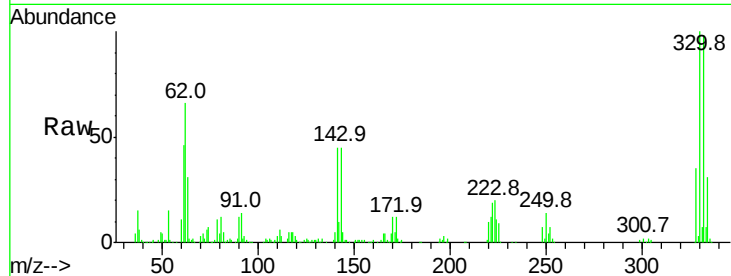
#41
 2,4,6-Tribromophenol
 Concen: 86.368 ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015813.D
 Acq: 06 Jul 2018 21:58

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	49.9	0.0	0.0#

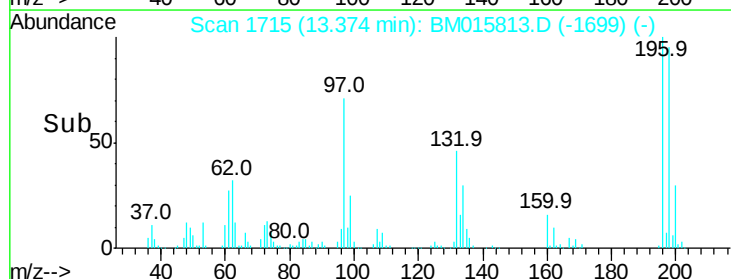
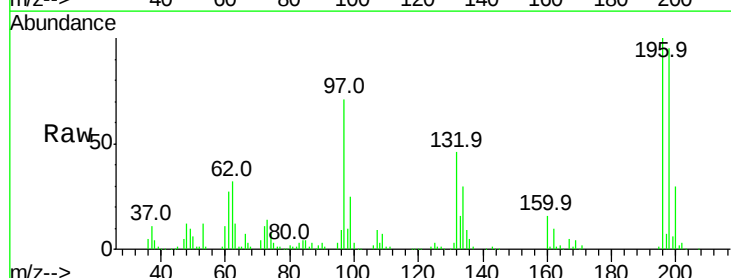
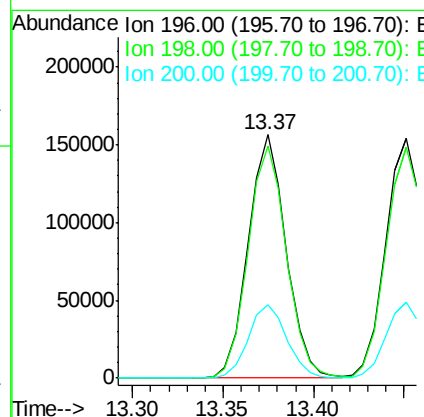
Manual Integrations
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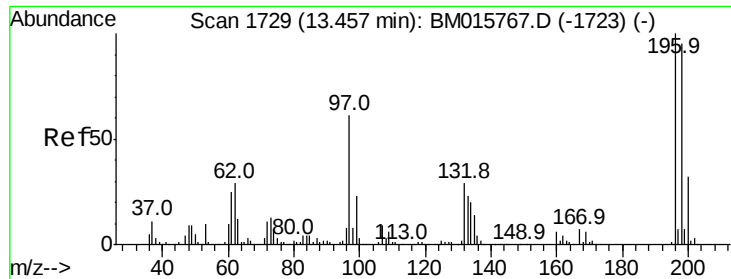
Sohil
 7/9/2018 1:55:48 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.935 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM015813.D
 Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.2	76.3	114.5
200	30.4	25.6	38.4





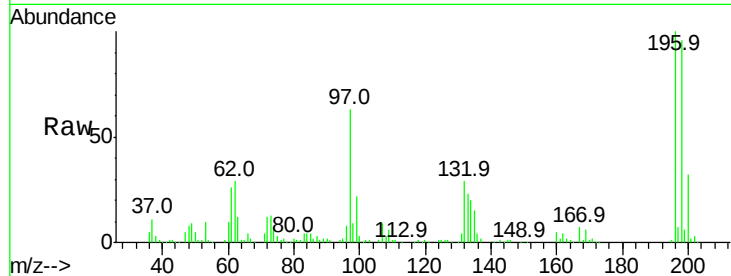
#43
 2,4,5-Trichlorophenol
 Concen: 38.318 ng
 RT: 13.45 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BM015813.D
 Acq: 06 Jul 2018 21:58

Instrument :
 BNA_M
 ClientSampled :
 GF-02MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	235248		
198	96.1	79.4	119.0	
97	62.7	26.8	40.2	#
132	29.3	18.6	28.0	#

Manual Integrations
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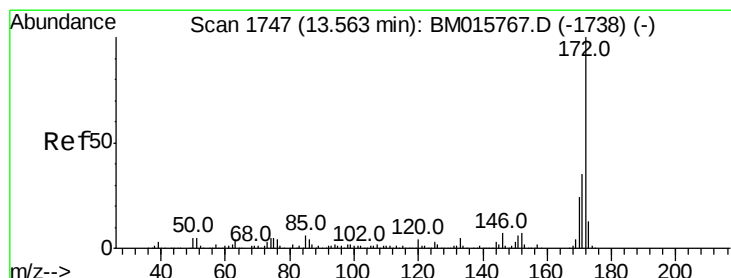
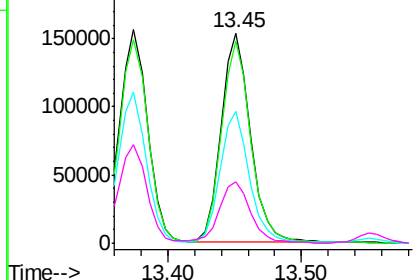
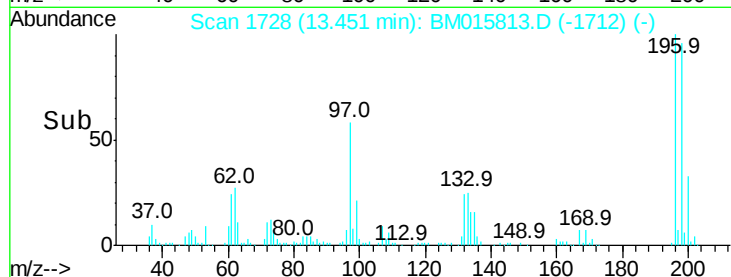
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

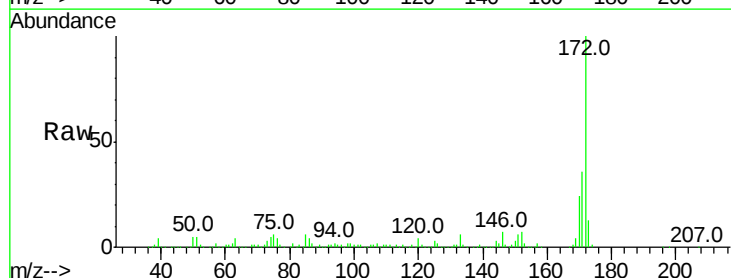
Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 38.318 ng
 RT: 13.55 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM015813.D
 Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1654018		
171	35.9	28.5	42.7	
170	23.6	18.8	28.2	

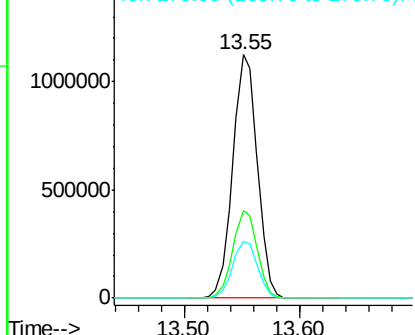
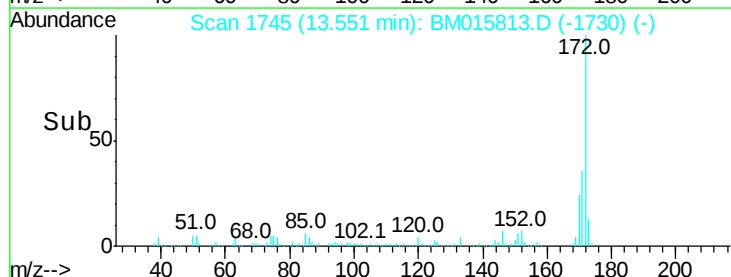


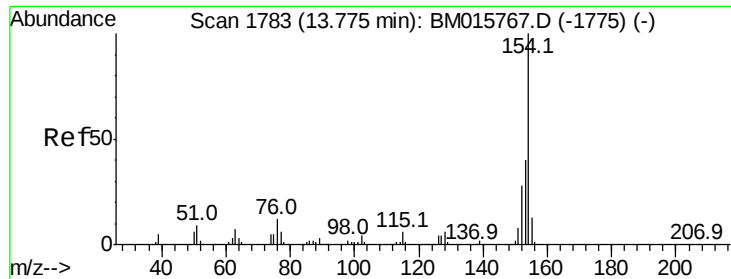
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





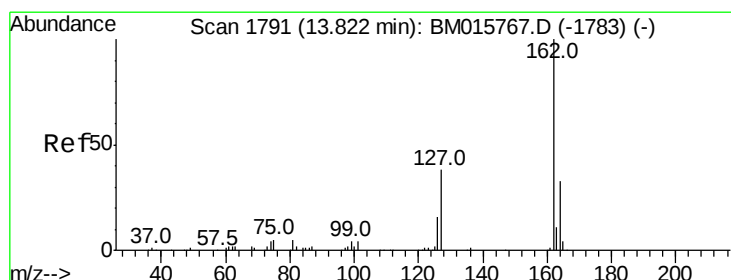
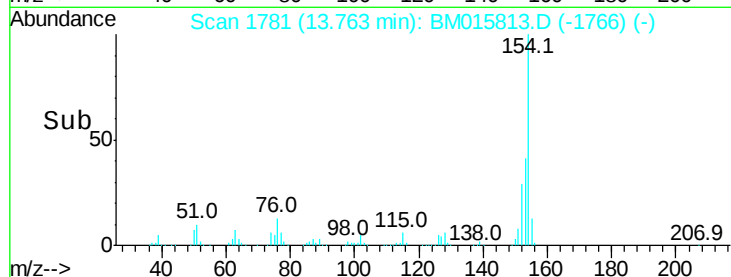
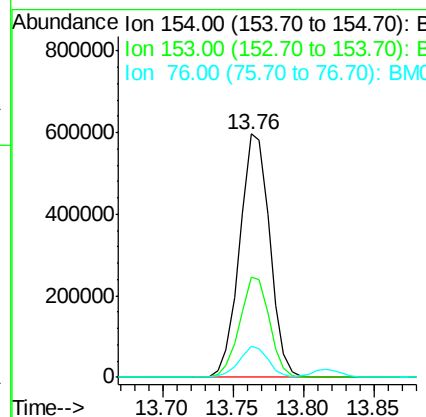
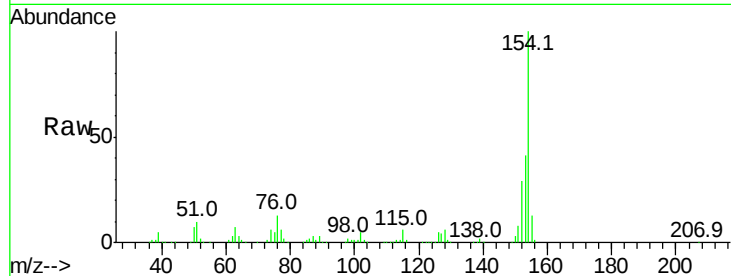
#45
 1,1'-Biphenyl
 Concen: 36.631 ng
 RT: 13.76 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BM015813.D
 Acq: 06 Jul 2018 21:58

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.7	60.7
76	12.7	0.0	30.9

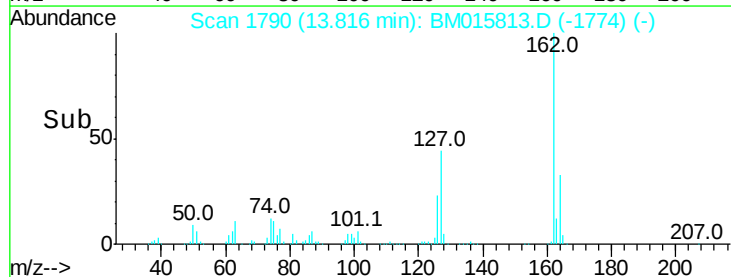
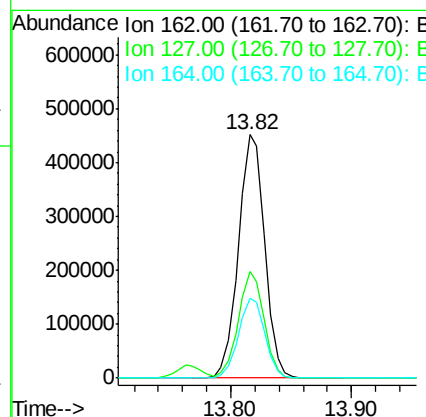
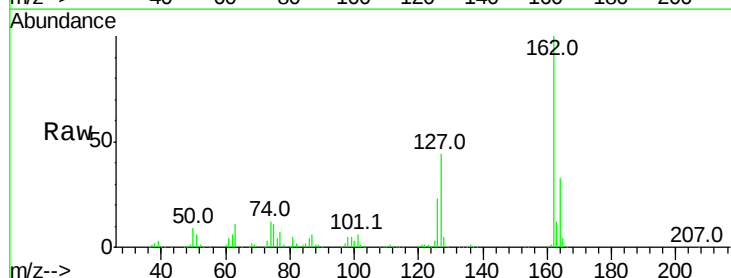
Manual Integrations
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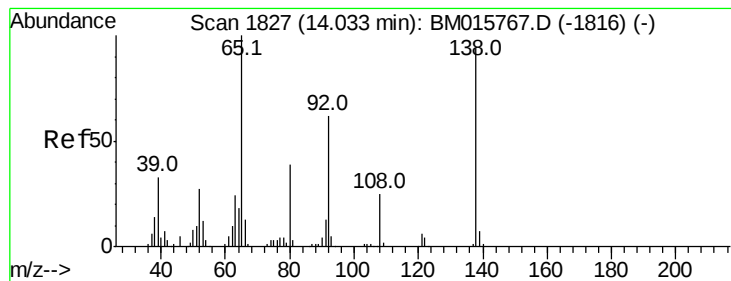
Sohil
 7/9/2018 1:55:48 PM



#46
 2-Chloronaphthalene
 Concen: 37.752 ng
 RT: 13.82 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BM015813.D
 Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.7	26.9	40.3#
164	32.8	26.8	40.2





#47

2-Nitroaniline

Concen: 35.738 ng

RT: 14.03 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Instrument :

BNA_M

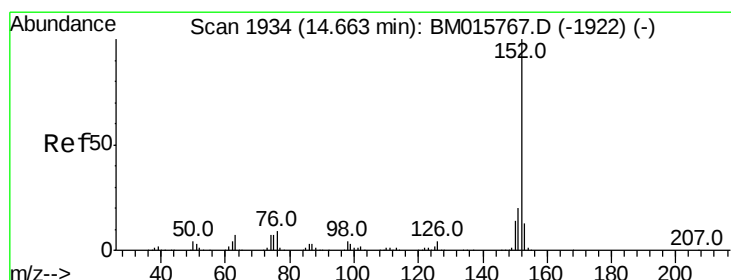
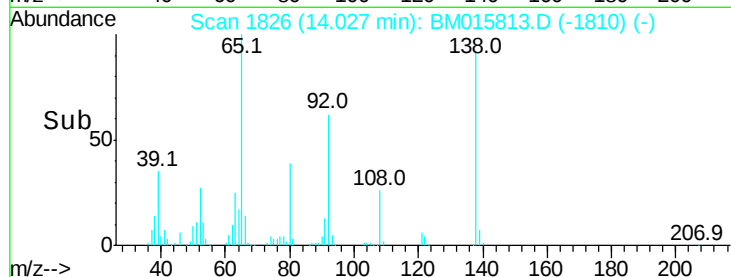
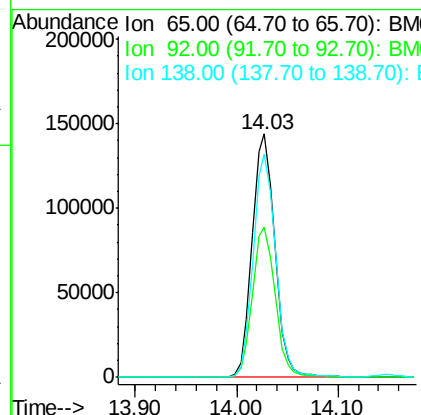
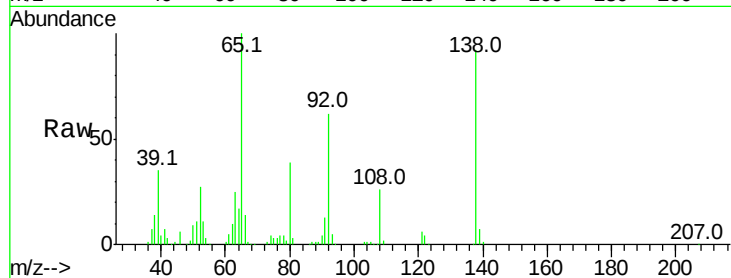
ClientSampleId :

GF-02MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.7	59.1	88.7
138	91.6	93.9	140.9

Manual Integrations
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7/9/2018 1:55:48 PM



#48

Acenaphthylene

Concen: 37.005 ng

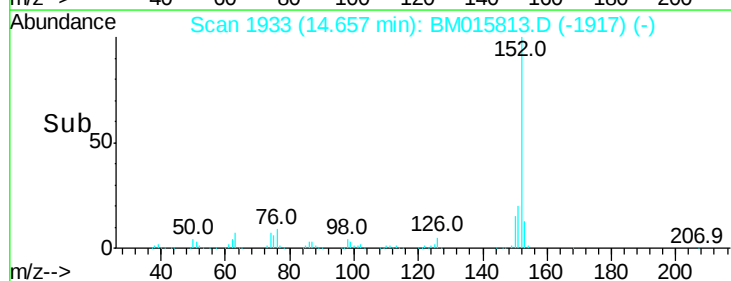
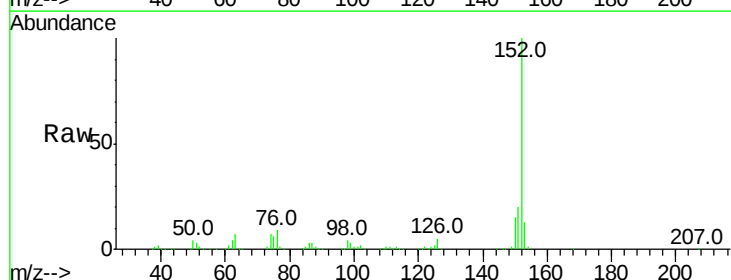
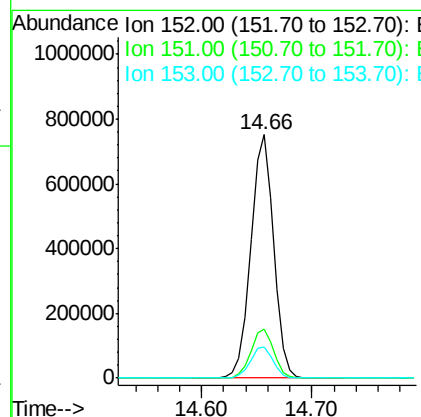
RT: 14.66 min Scan# 1933

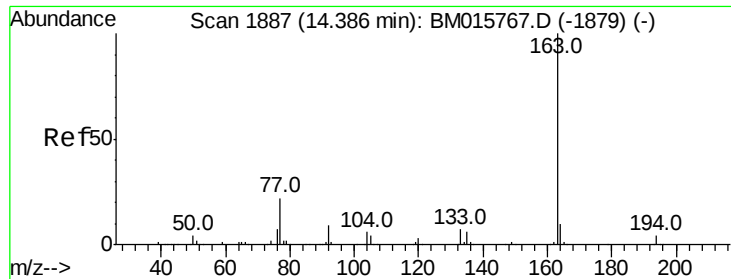
Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	12.7	10.6	16.0





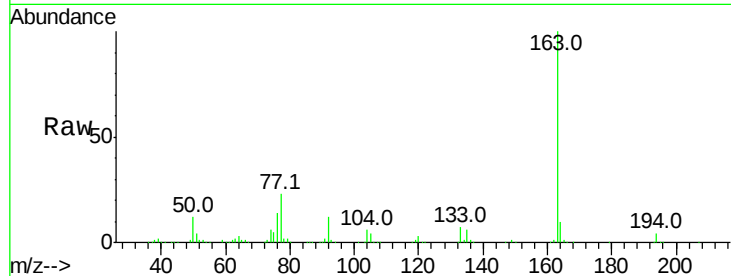
#49
Dimethylphthalate
Concen: 46.062 ng
RT: 14.38 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampled :
GF-02MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.2

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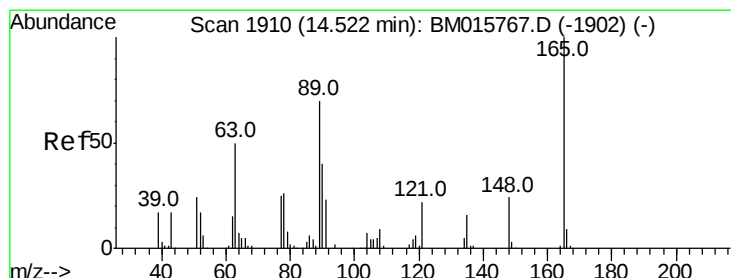
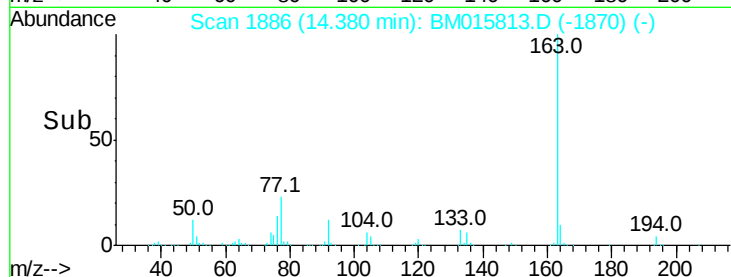
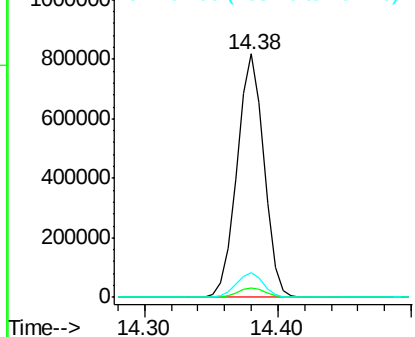


Abundance

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: 37.222 ng
RT: 14.52 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

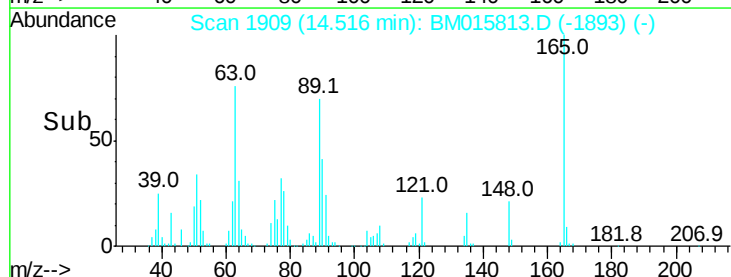
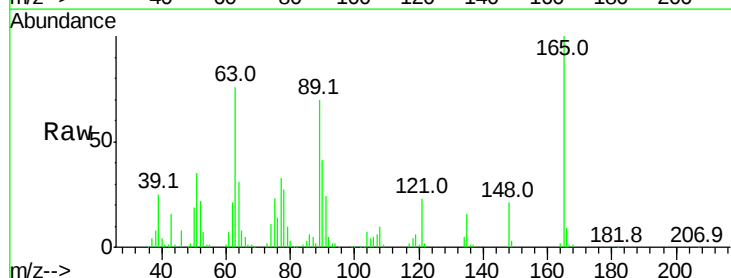
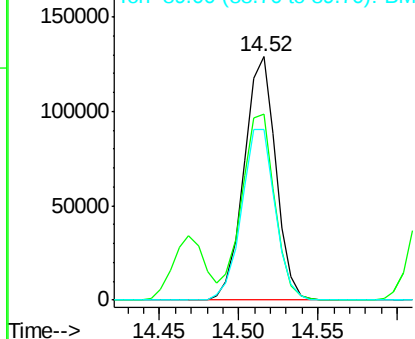
Tgt Ion	Ratio	Lower	Upper
165	100		
63	76.2	44.1	66.1#
89	70.1	44.3	66.5#

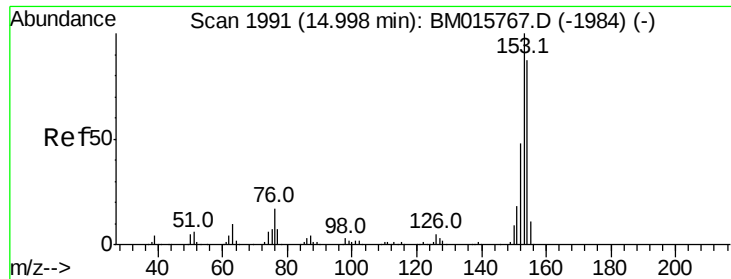
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 34.116 ng

RT: 14.99 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Instrument :

BNA_M

ClientSampleId :

GF-02MS

Tot Ion:154 Resp: 625372

Ion Ratio Lower Upper

154 100

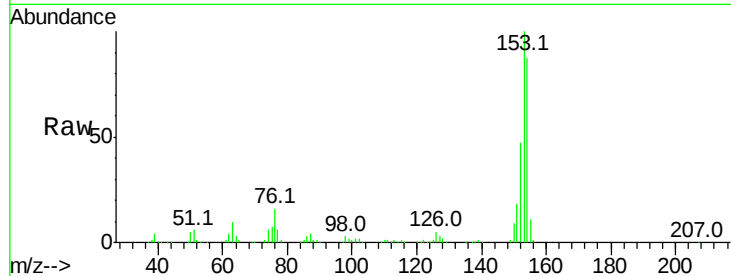
153 114.8 90.0 135.0

152 54.3 42.6 63.8

Manual Integrations
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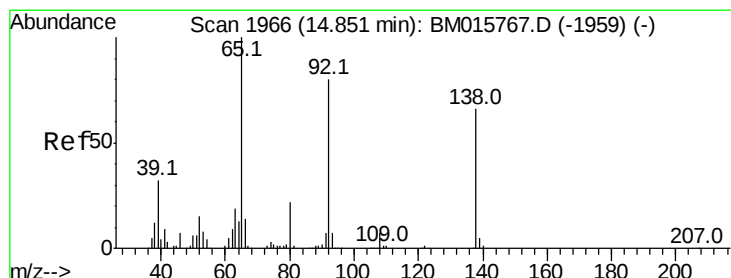
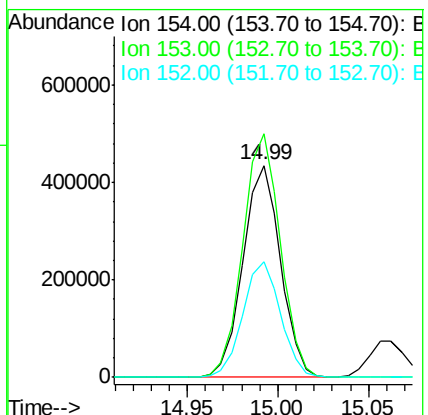
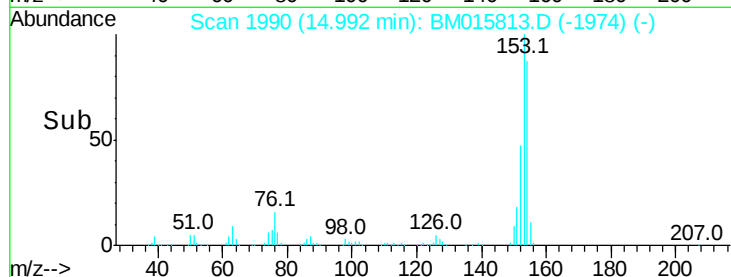
7/9/2018 1:55:48 PM



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: 25.749 ng

RT: 14.84 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

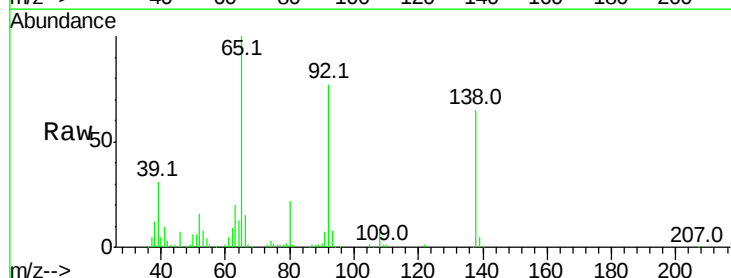
Tgt Ion:138 Resp: 135764

Ion Ratio Lower Upper

138 100

108 10.4 7.3 10.9

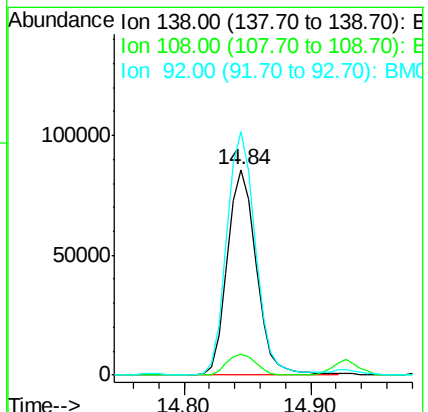
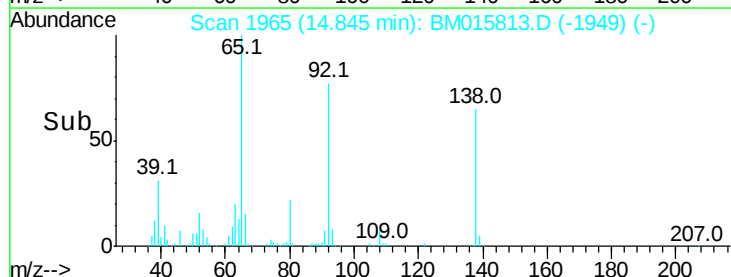
92 118.6 76.6 114.8#

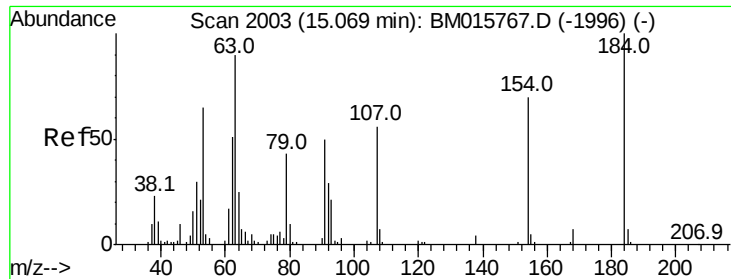


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





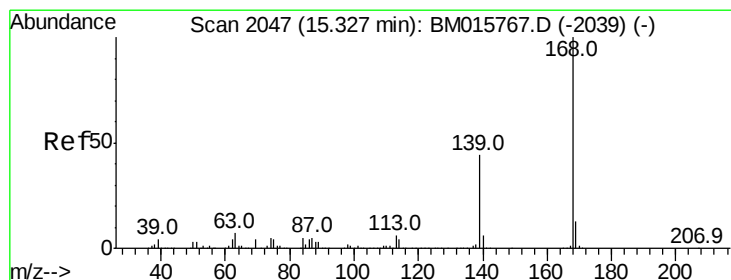
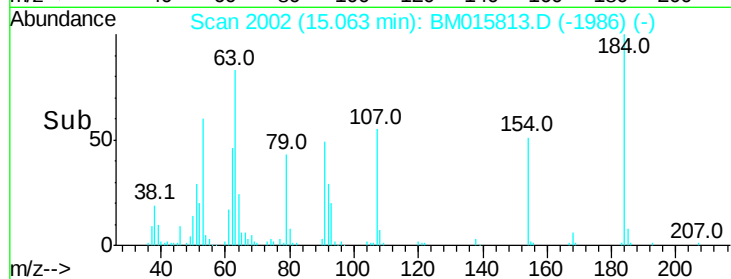
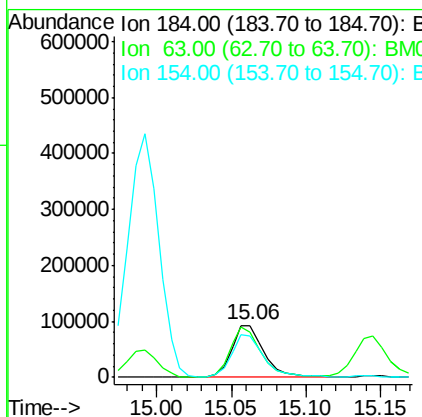
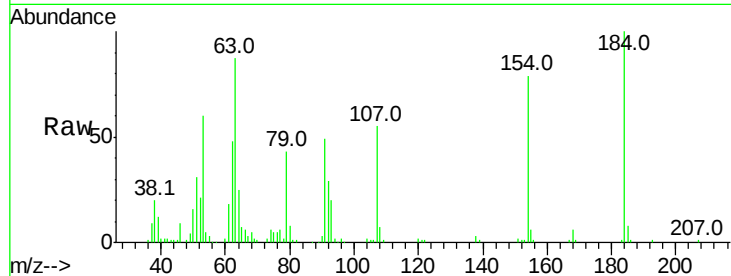
#53
2,4-Dinitrophenol
Concen: 60.856 ng
RT: 15.06 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampleId :
GF-02MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	87.0	69.2	103.8
154	79.4	53.3	79.9

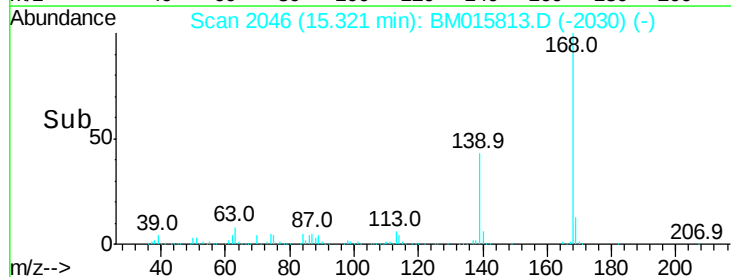
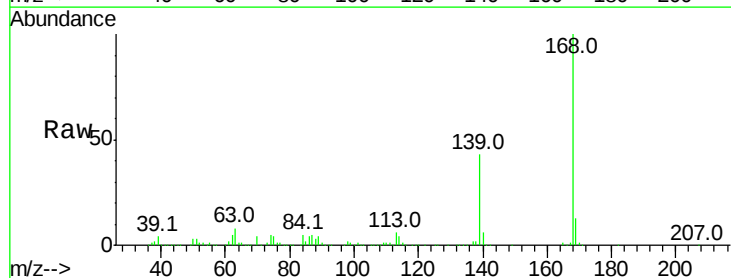
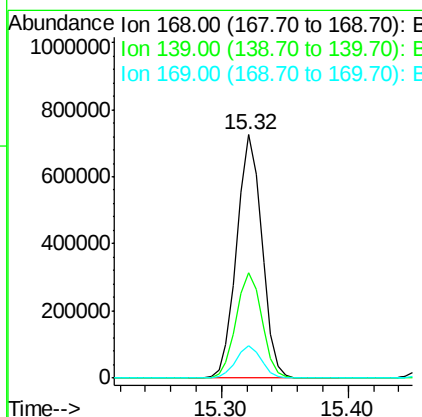
Manual Integrations
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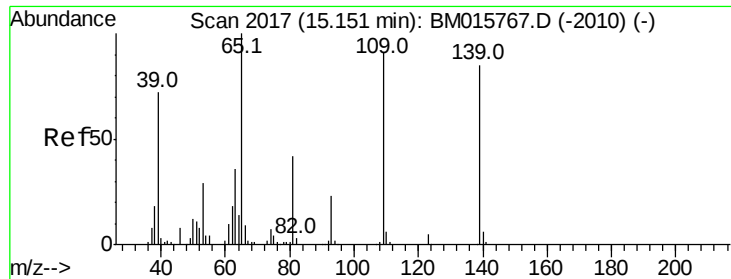
Sohil
7/9/2018 1:55:48 PM



#54
Dibenzofuran
Concen: 35.215 ng
RT: 15.32 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.4	27.3	40.9#
169	13.2	10.6	16.0





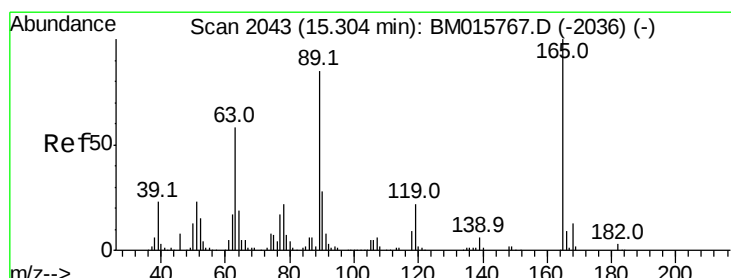
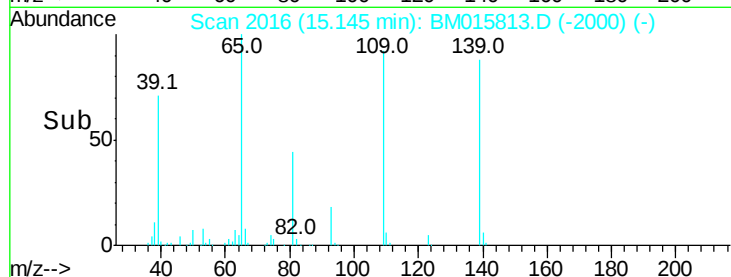
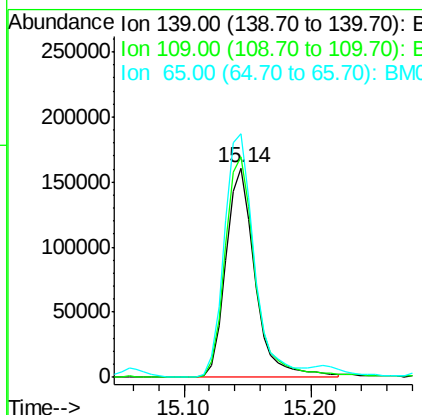
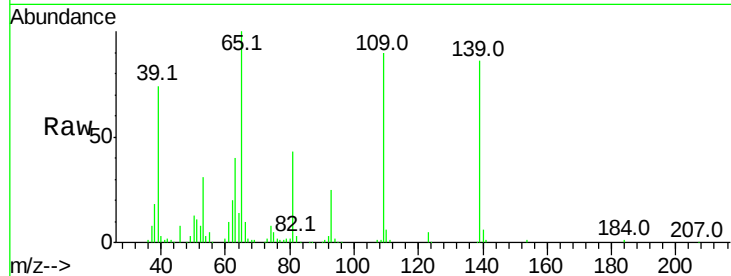
#55
4-Nitrophenol
Concen: 66.046 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampled :
GF-02MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	105.3	130.0	170.0#	
65	116.4	130.0	170.0#	

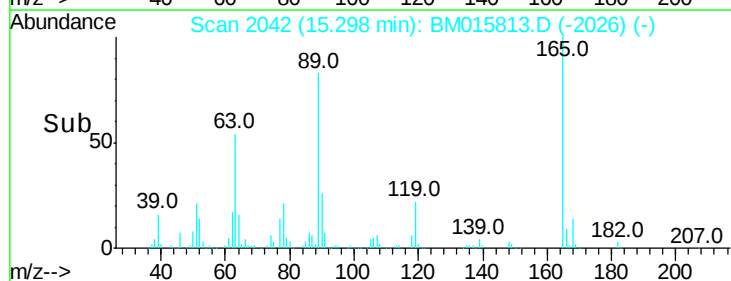
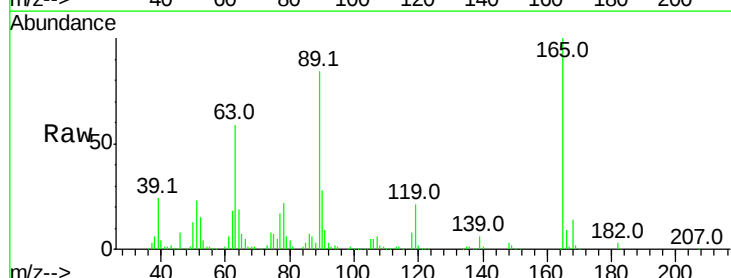
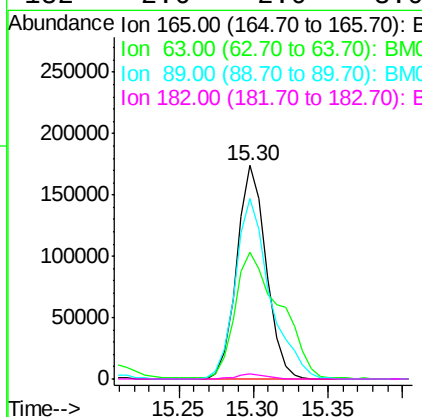
Manual Integrations
APPROVED

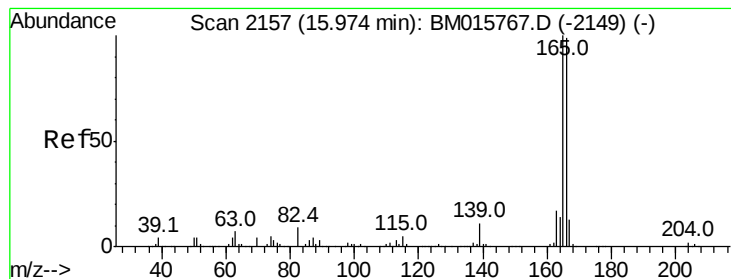
Sohil
7/9/2018 1:55:48 PM



#56
2,4-Dinitrotoluene
Concen: 34.230 ng
RT: 15.30 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.2	52.4	78.6	
89	84.2	72.4	108.6	
182	2.6	2.0	3.0	





#57

Fluorene

Concen: 33.711 ng

RT: 15.97 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Instrument :

BNA_M

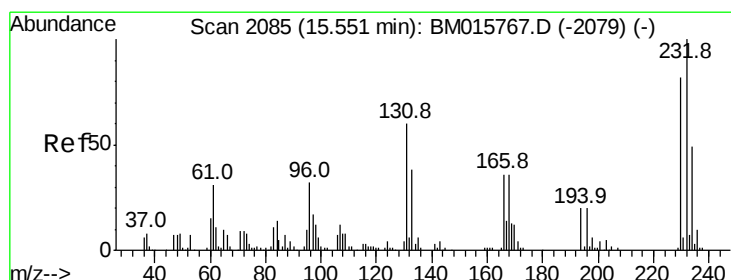
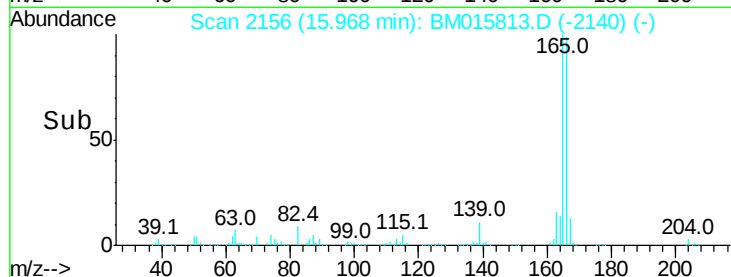
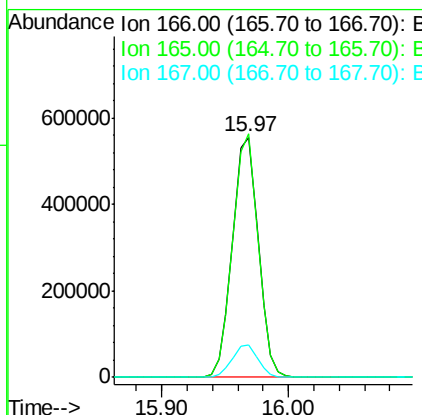
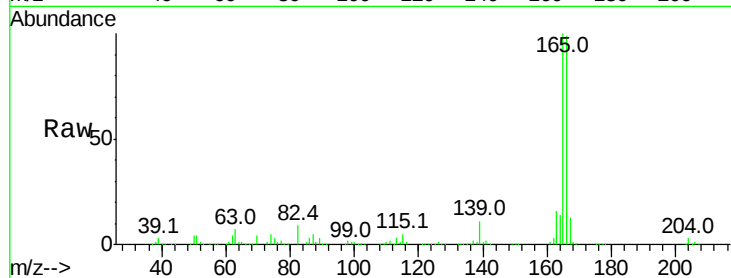
ClientSampleId :

GF-02MS

Tot Ion:	166	Resp:	785233
Ion Ratio	Lower	Upper	
166	100		
165	101.4	79.0	118.4
167	13.4	10.3	15.5

Manual Integrations
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Sohil
7/9/2018 1:55:48 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.721 ng

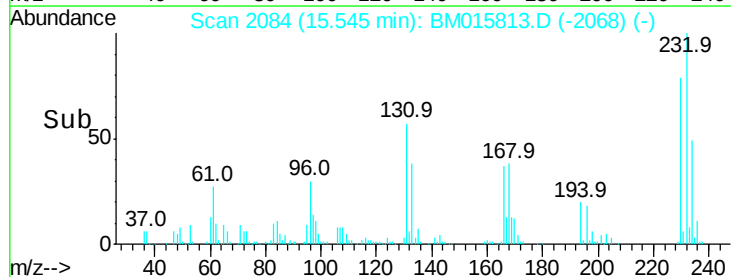
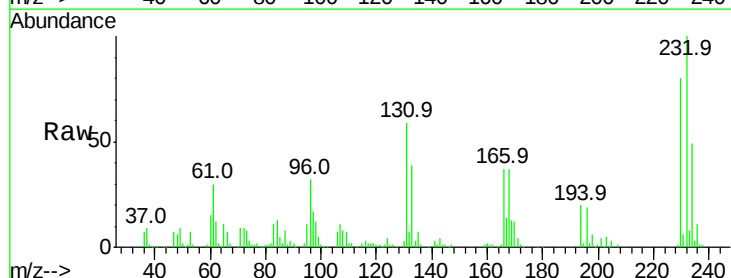
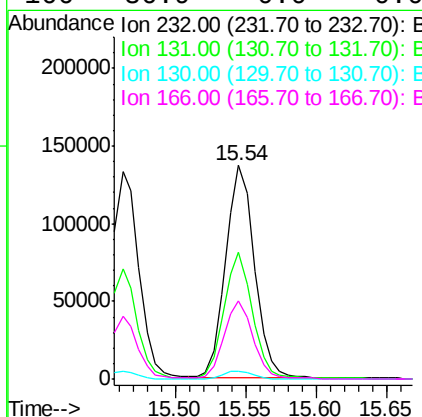
RT: 15.54 min Scan# 2084

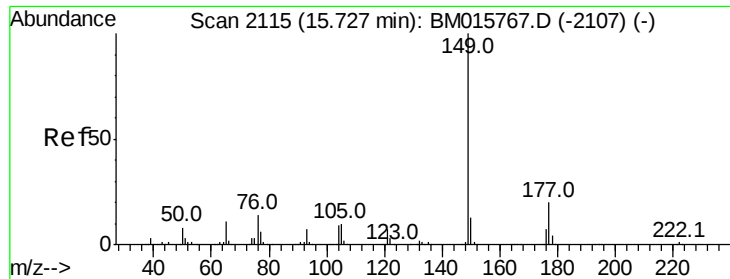
Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Tgt Ion:	232	Resp:	195421
Ion Ratio	Lower	Upper	
232	100		
131	58.1	0.0	0.0#
130	3.6	0.0	0.0#
166	36.9	0.0	0.0#





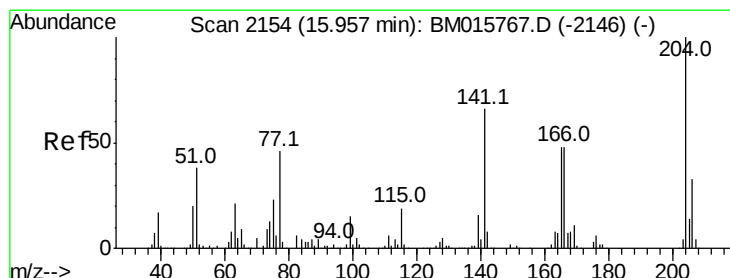
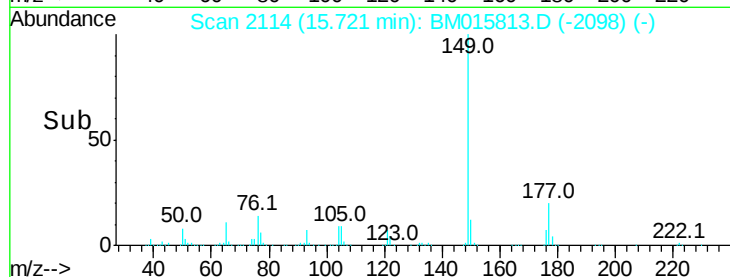
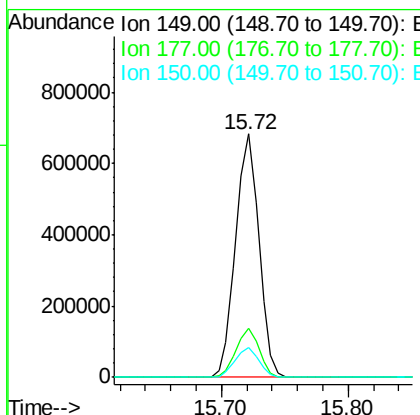
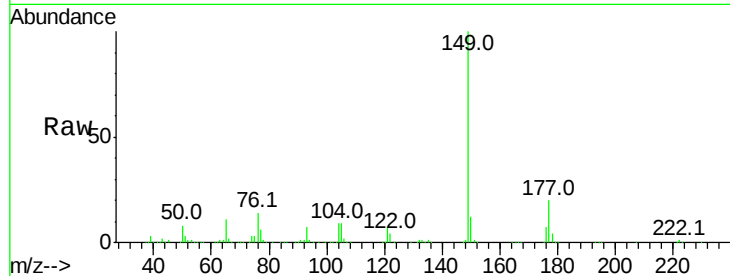
#59
Diethylphthalate
Concen: 32.756 ng
RT: 15.72 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampleId :
GF-02MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.2	18.3	27.5
150	12.4	9.8	14.8

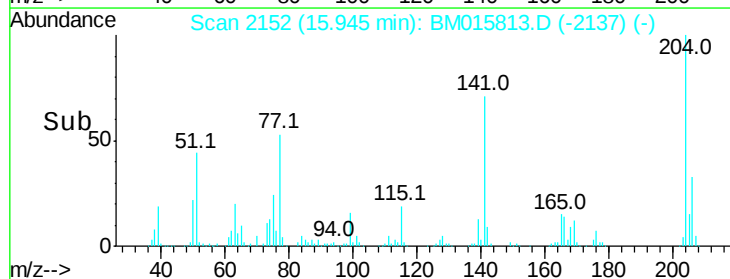
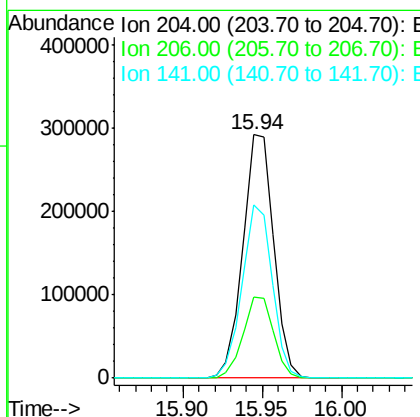
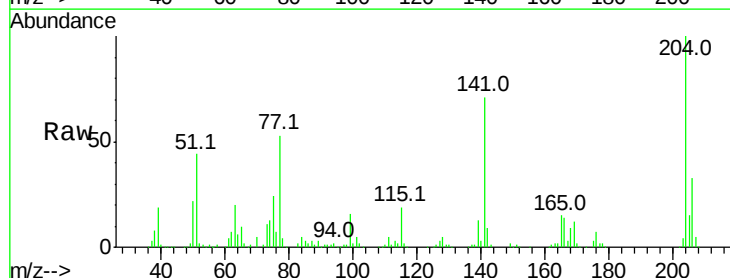
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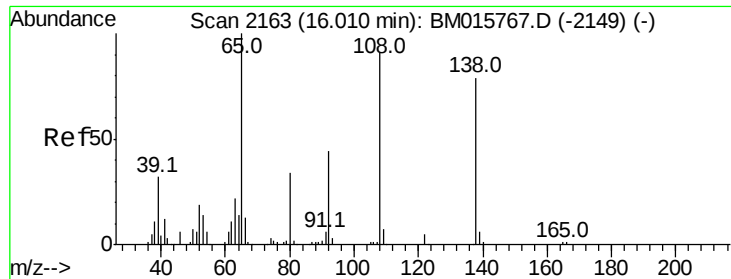
Sohil
7/9/2018 1:55:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 32.957 ng
RT: 15.94 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	39.8
141	70.9	45.2	67.8#





#61

4-Nitroaniline

Concen: 27.822 ng

RT: 16.00 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Instrument :

BNA_M

ClientSampleId :

GF-02MS

Tot Ion:138 Resp: 152176

Ion Ratio Lower Upper

138 100

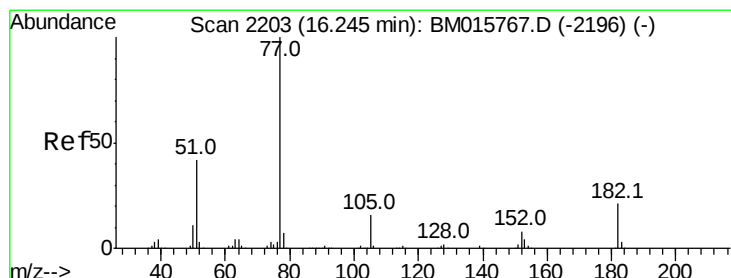
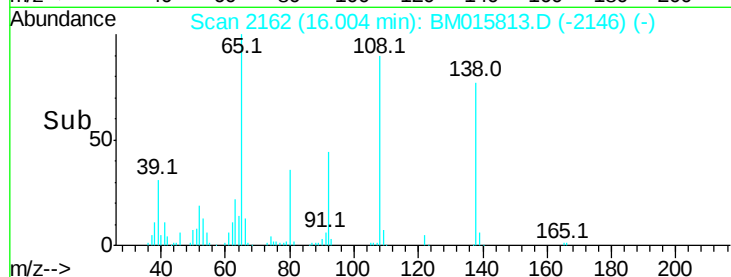
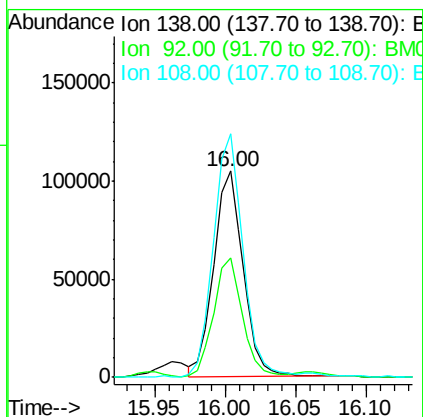
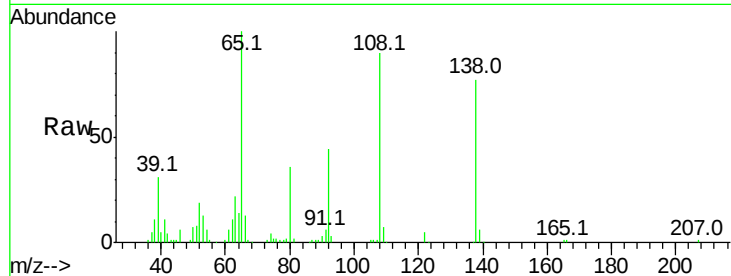
92 57.7 16.7 56.7#

108 118.1 37.6 77.6#

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#62

Azobenzene

Concen: 36.199 ng

RT: 16.24 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Tgt Ion: 77 Resp: 898367

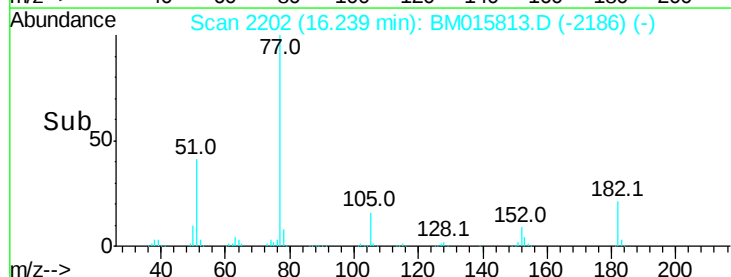
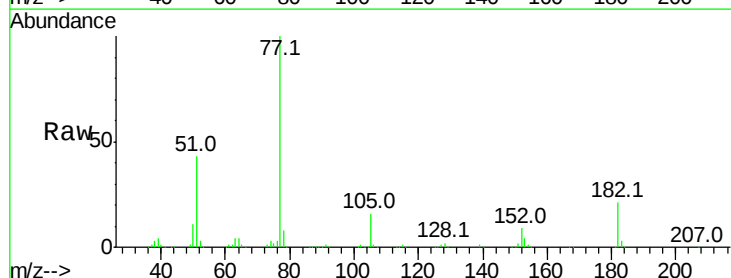
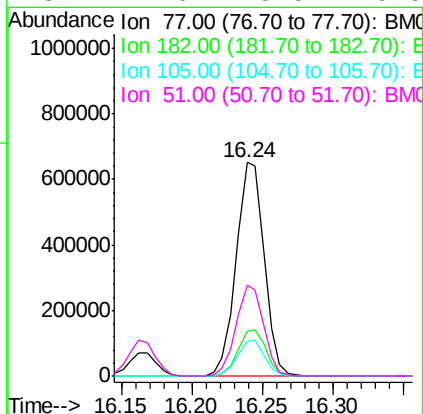
Ion Ratio Lower Upper

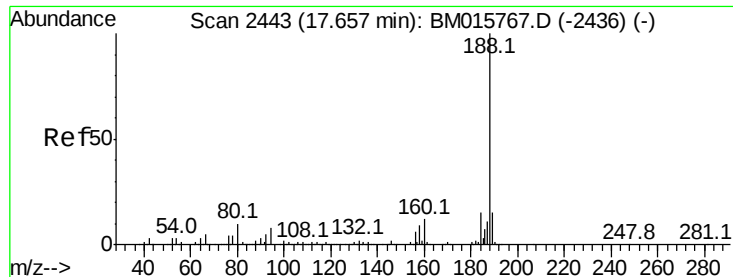
77 100

182 21.1 6.5 46.5

105 16.3 3.8 43.8

51 42.6 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Instrument :

BNA_M

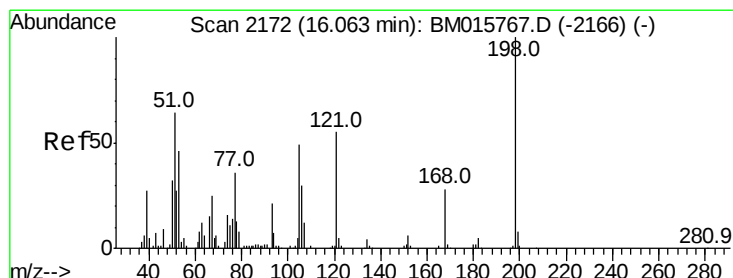
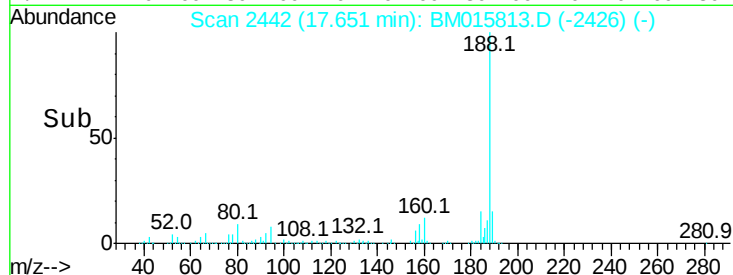
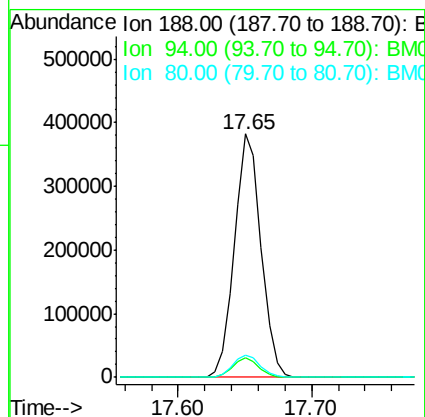
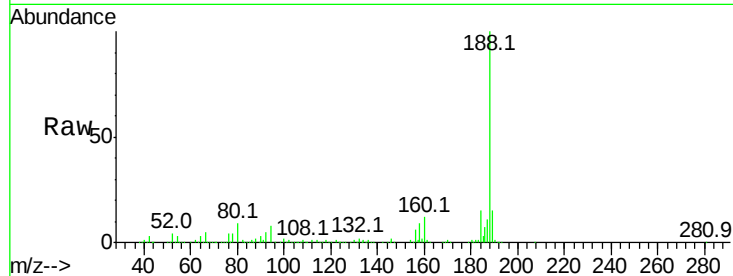
ClientSampled :

GF-02MS

Tot Ion:	188	Resp:	530330
Ion Ratio	Lower	Upper	
188	100		
94	7.9	8.7	13.1#
80	9.3	9.3	13.9

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#64

4,6-Dinitro-2-methylphenol

Concen: 34.507 ng

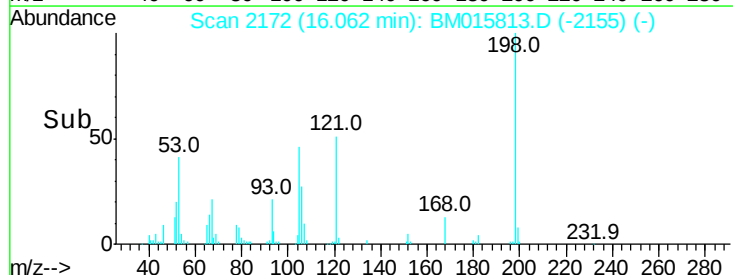
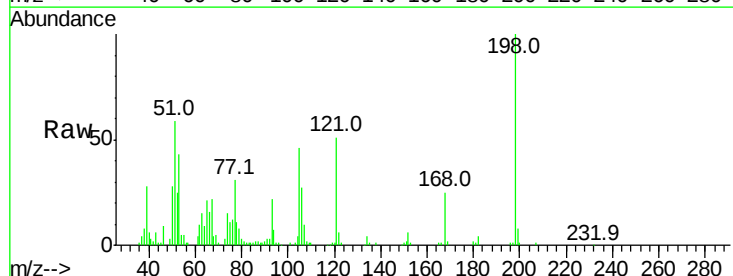
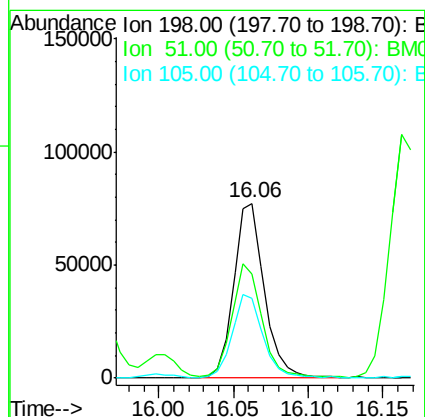
RT: 16.06 min Scan# 2172

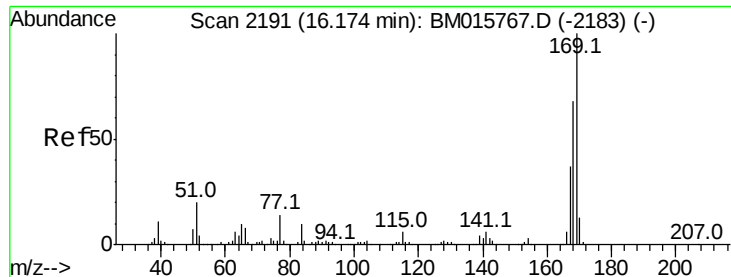
Delta R.T. -0.00 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Tgt Ion:	198	Resp:	111252
Ion Ratio	Lower	Upper	
198	100		
51	59.2	28.8	68.8
105	45.6	30.5	70.5





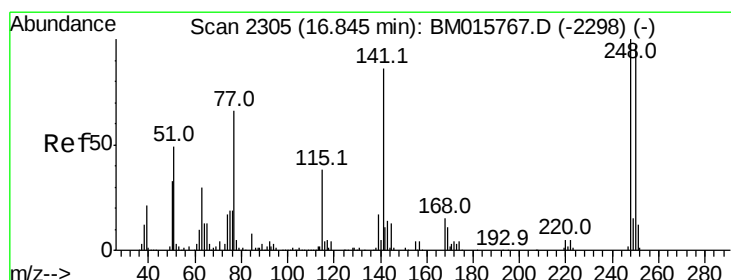
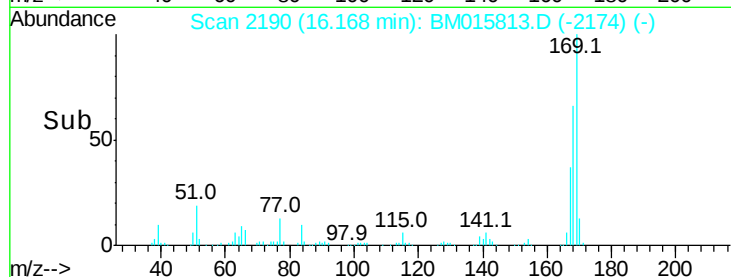
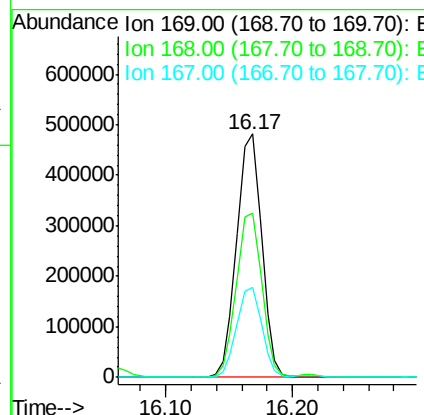
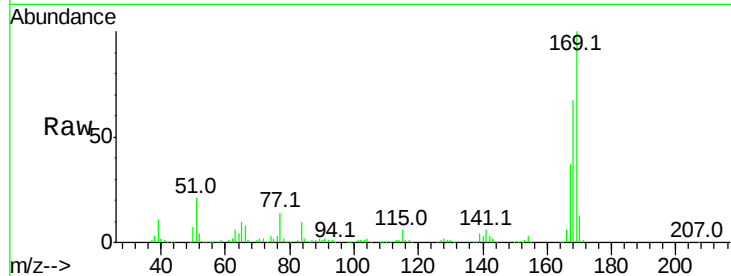
#65
n-Nitrosodiphenylamine
Concen: 36.313 ng
RT: 16.17 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampleId :
GF-02MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	659872		
168	67.4		53.9	80.9
167	37.2		28.9	43.3

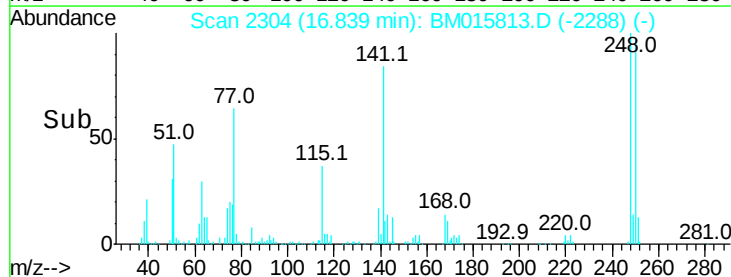
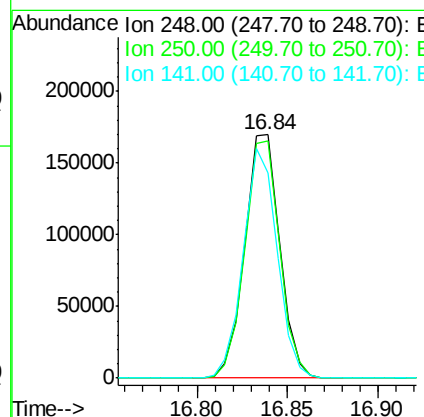
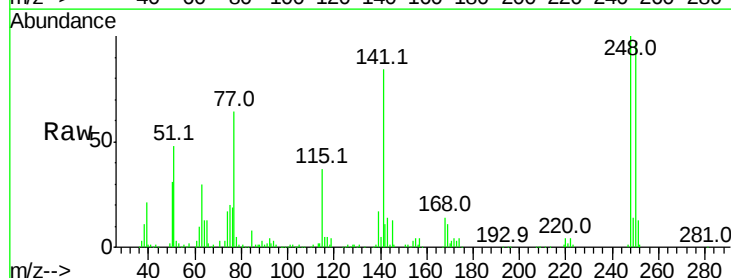
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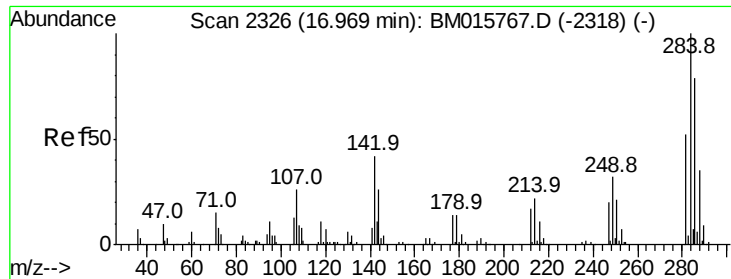
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 38.628 ng
RT: 16.84 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	228727		
250	97.4		77.4	116.0
141	84.5		45.2	67.8#





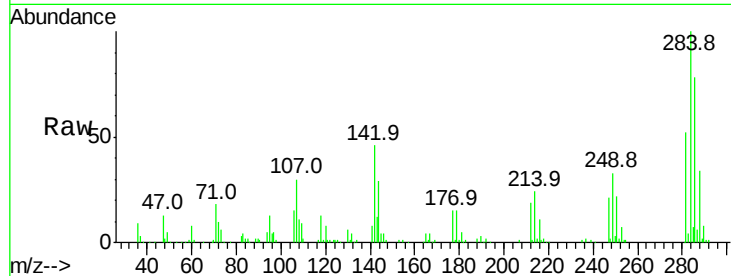
#67
Hexachlorobenzene
Concen: 37.384 ng
RT: 16.96 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampleId :
GF-02MS

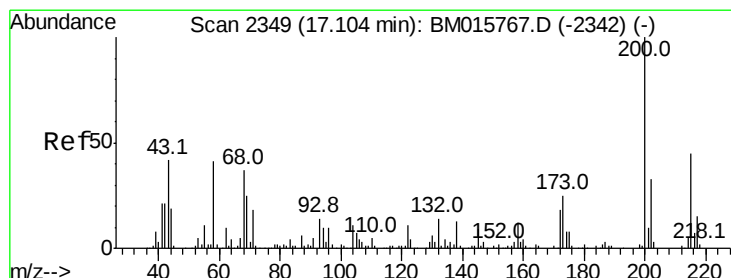
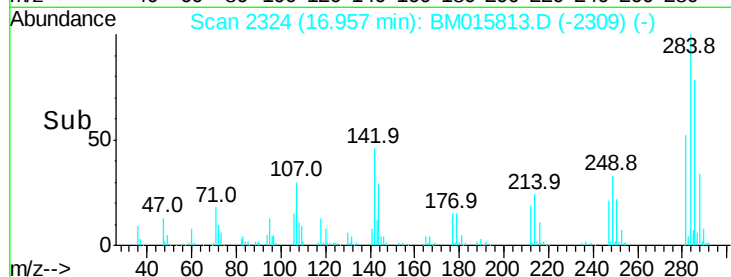
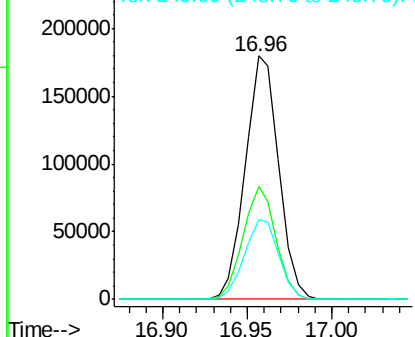
Tot Ion	Ratio	Resp	Lower	Upper
284	100	247357		
142	46.4	20.4	30.6	#
249	33.0	23.8	35.6	

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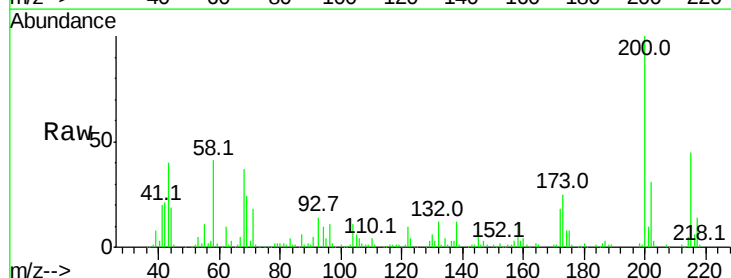


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

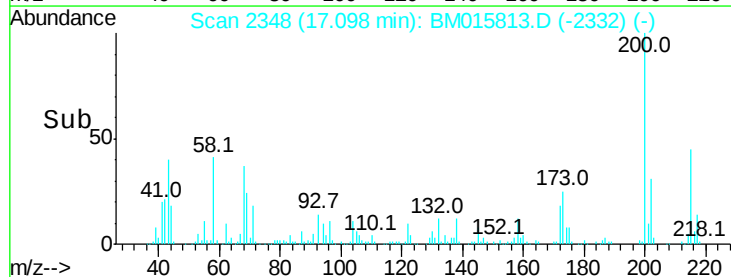
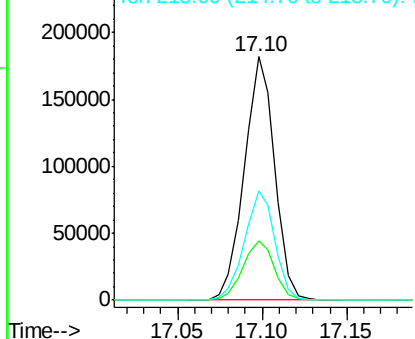


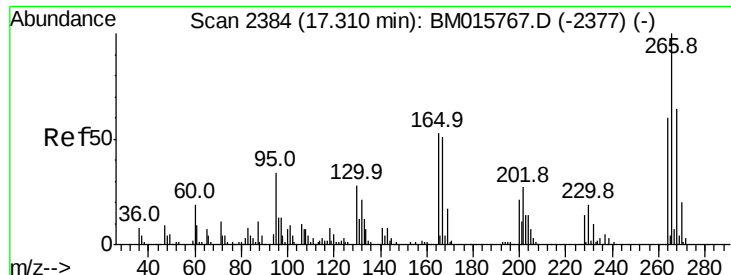
#68
Atrazine
Concen: 38.087 ng
RT: 17.10 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	227654		
173	24.5	4.8	44.8	
215	45.0	26.9	66.9	



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





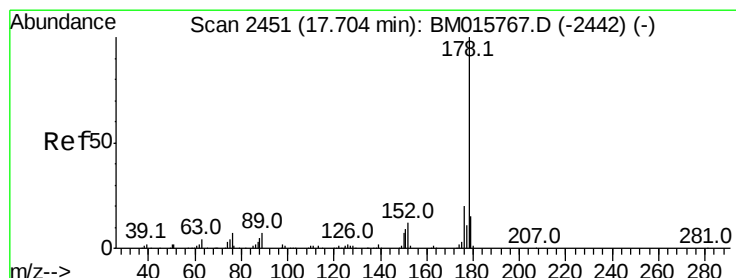
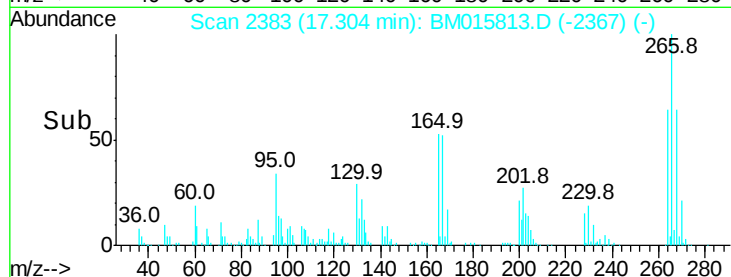
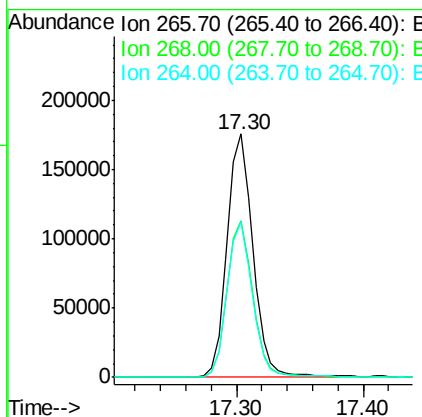
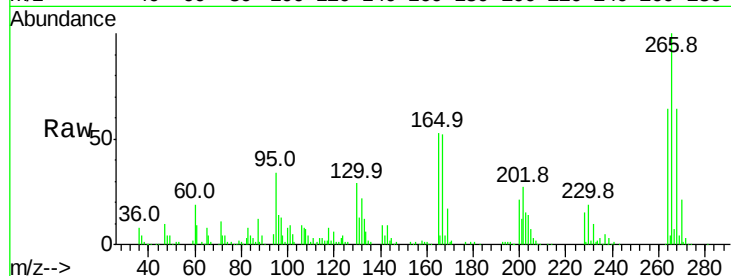
#69
 Pentachlorophenol
 Concen: 60.970 ng
 RT: 17.30 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BM015813.D
 Acq: 06 Jul 2018 21:58

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	249626		
268	64.1	52.0	78.0	
264	63.8	49.0	73.4	

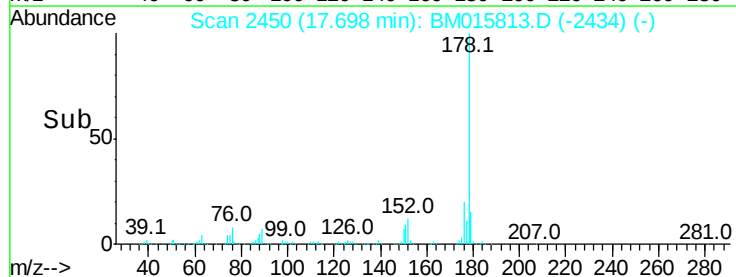
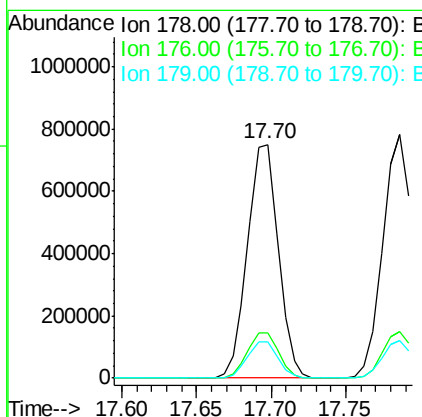
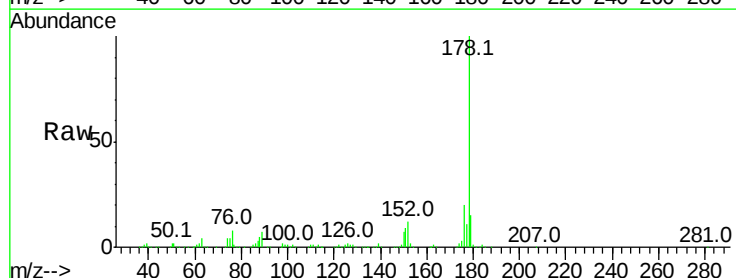
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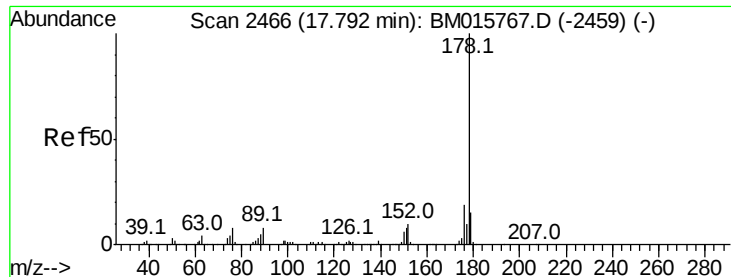
Sohil
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#70
 Phenanthrene
 Concen: 35.433 ng
 RT: 17.70 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM015813.D
 Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1075062		
176	19.6	15.2	22.8	
179	15.3	12.1	18.1	





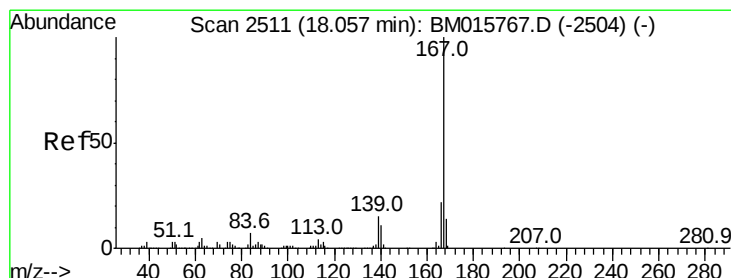
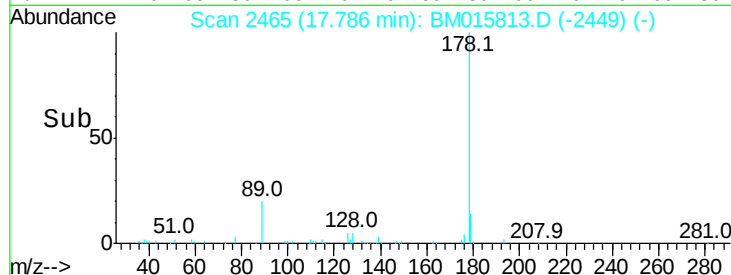
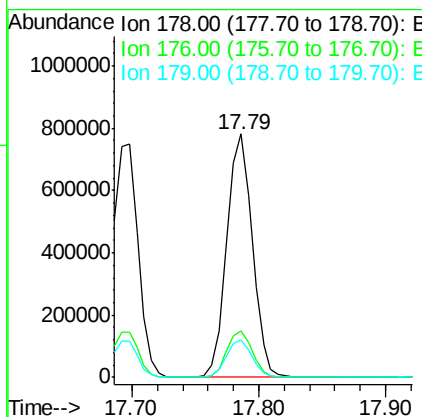
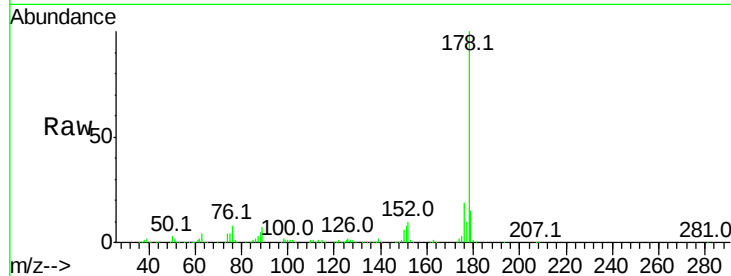
#71
 Anthracene
 Concen: 36.475 ng
 RT: 17.79 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BM015813.D
 Acq: 06 Jul 2018 21:58

Instrument :
 BNA_M
 ClientSampled :
 GF-02MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	15.4	12.6	19.0

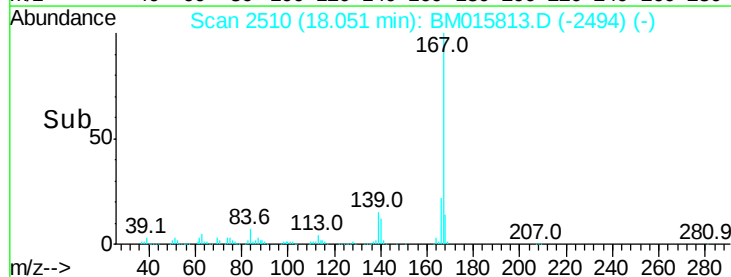
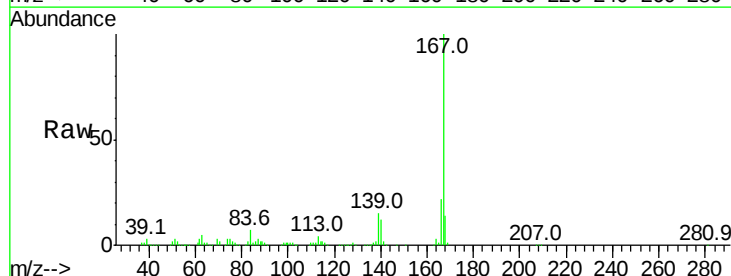
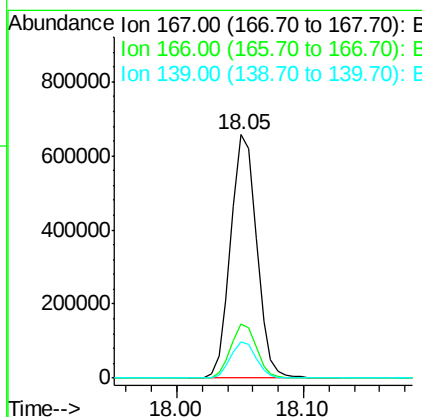
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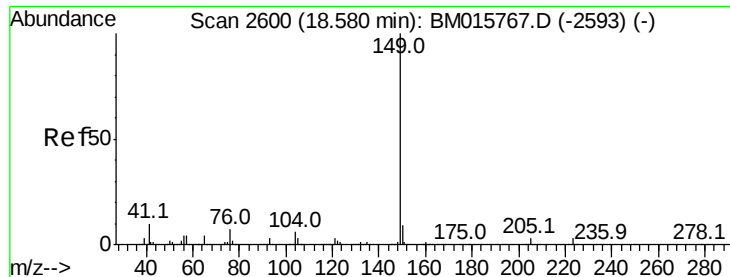
Sohil
 7/9/2018 1:55:48 PM



#72
 Carbazole
 Concen: 33.614 ng
 RT: 18.05 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BM015813.D
 Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	15.0	10.8	16.2





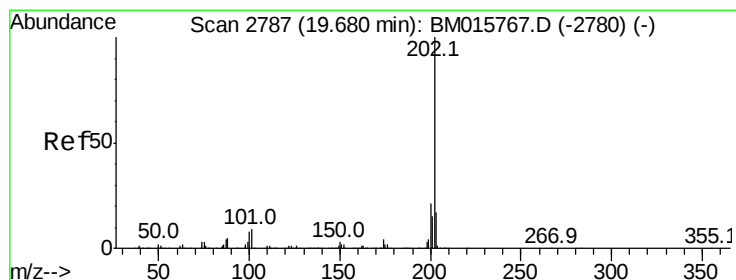
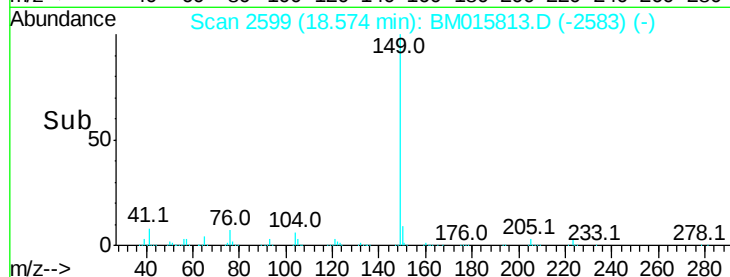
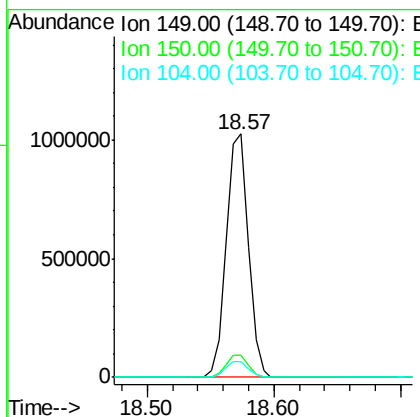
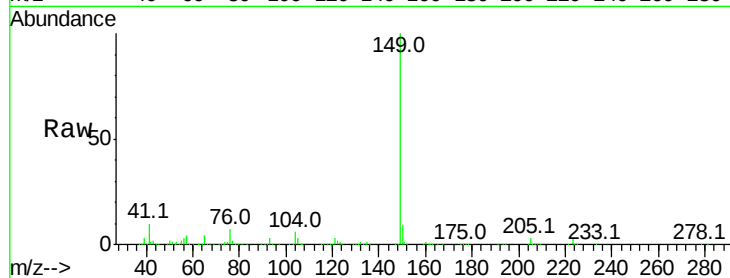
#73
Di-n-butylphthalate
Concen: 32.814 ng
RT: 18.57 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampleId :
GF-02MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	6.5	3.7	5.5

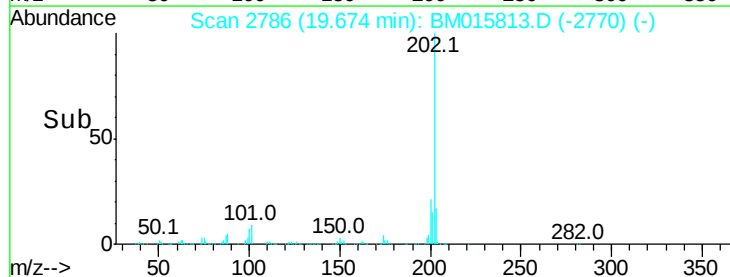
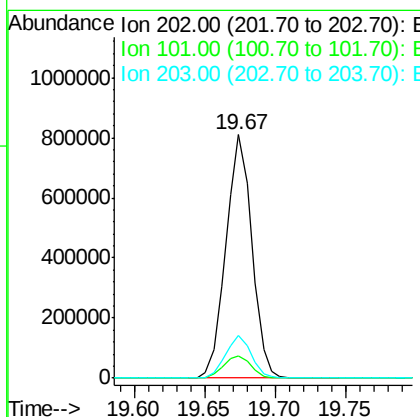
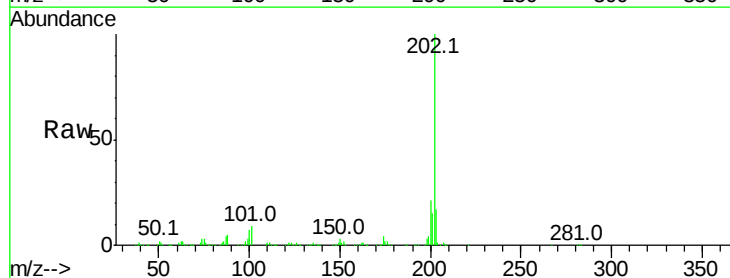
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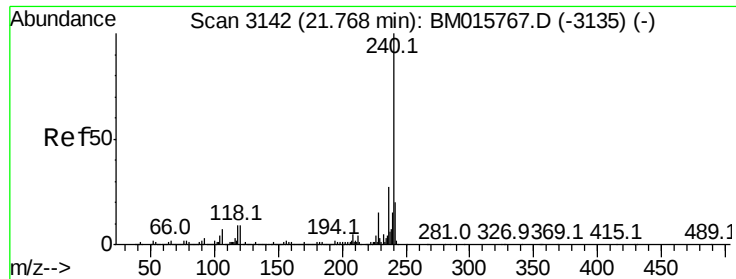
Sohil
7/9/2018 1:55:48 PM



#74
Fluoranthene
Concen: 29.781 ng
RT: 19.67 min Scan# 2786
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.7
203	17.4	0.0	37.2





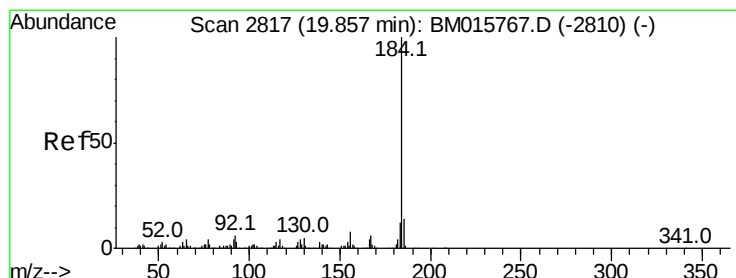
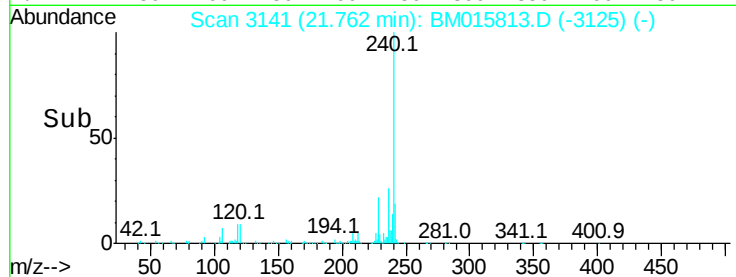
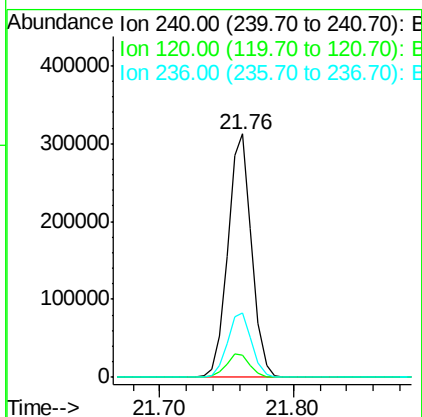
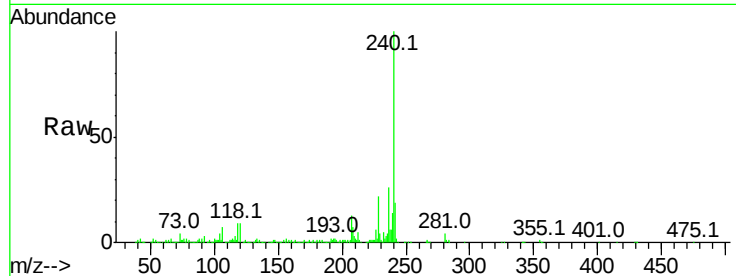
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampleId :
GF-02MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.0	8.2	12.2	
236	26.4	20.0	30.0	

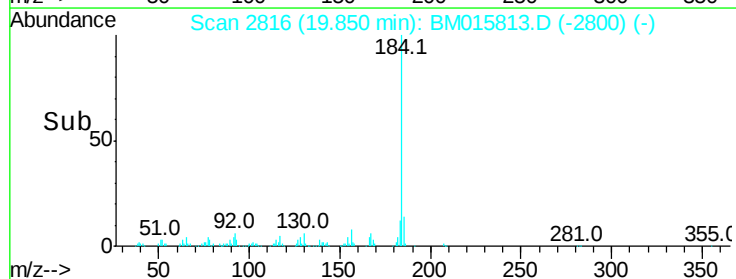
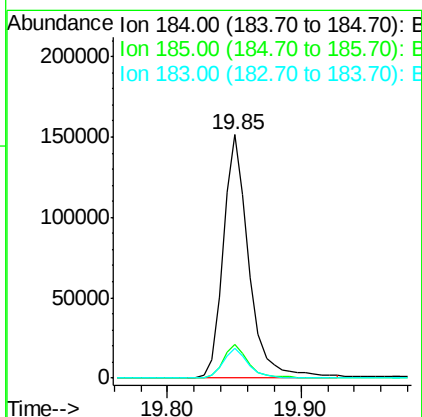
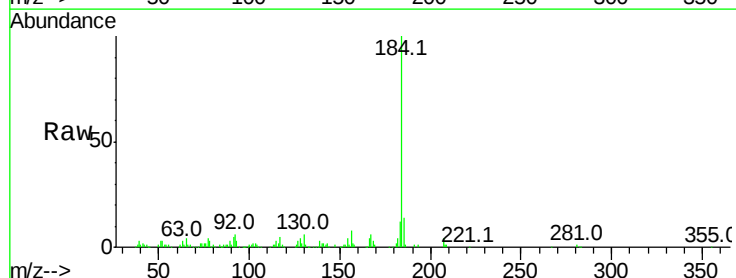
Manual Integrations
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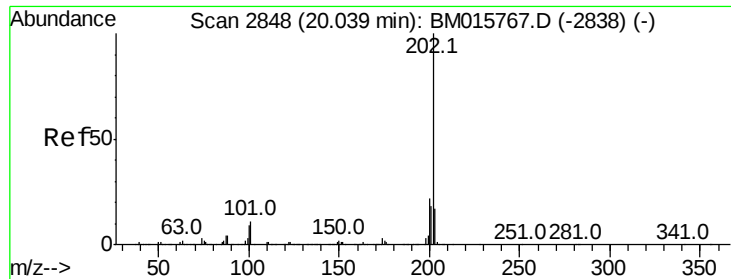
Sohil
7/9/2018 1:55:48 PM



#76
Benzidine
Concen: 17.924 ng
RT: 19.85 min Scan# 2816
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.9	11.3	16.9	
183	12.2	8.9	13.3	





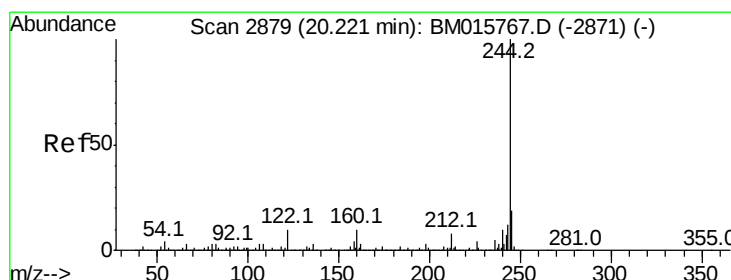
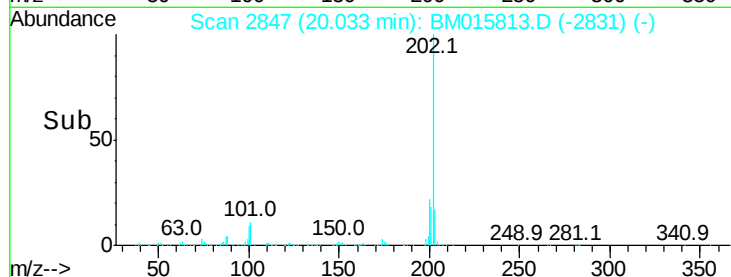
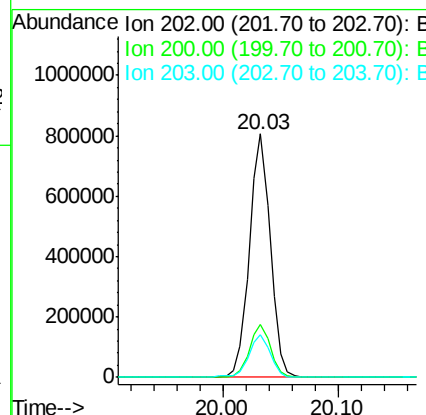
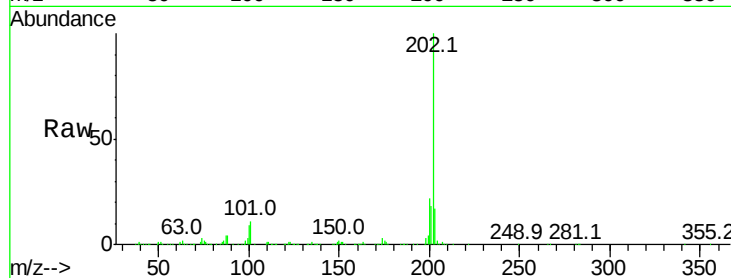
#77
Pvrene
Concen: 41.815 ng
RT: 20.03 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampled :
GF-02MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	17.5	14.1	21.1

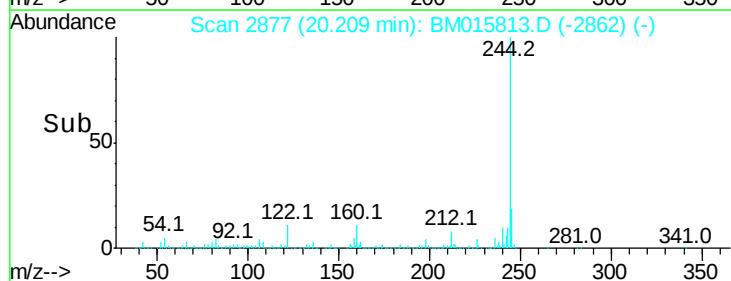
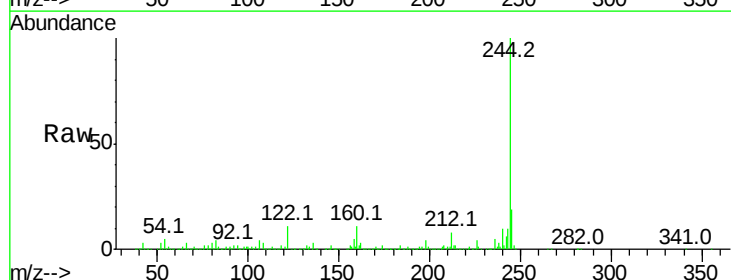
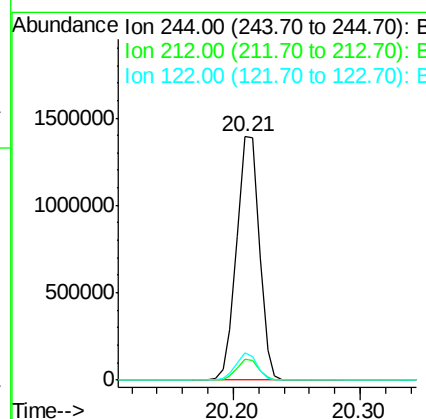
Manual Integrations
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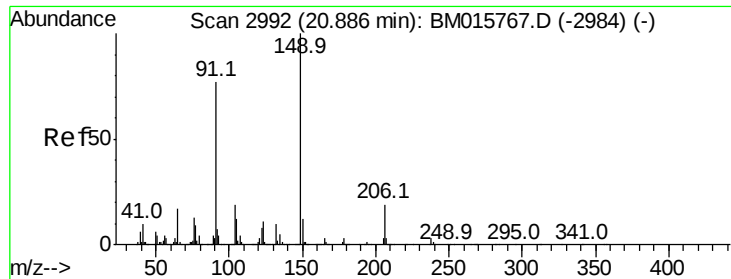
Sohil
7/9/2018 1:55:48 PM



#78
Terphenyl-d14
Concen: 41.815 ng
RT: 20.21 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	11.0	6.2	9.4#





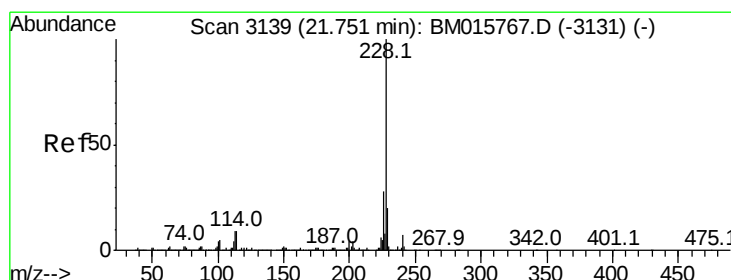
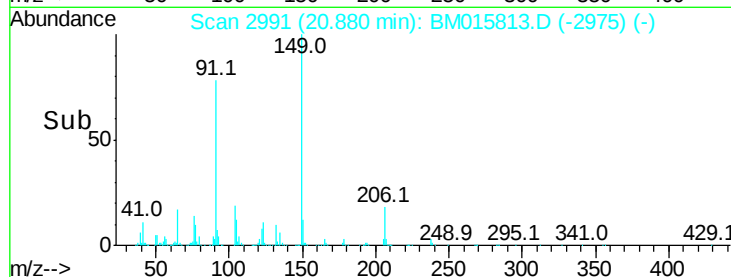
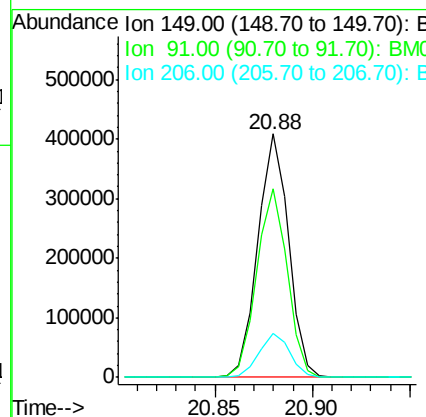
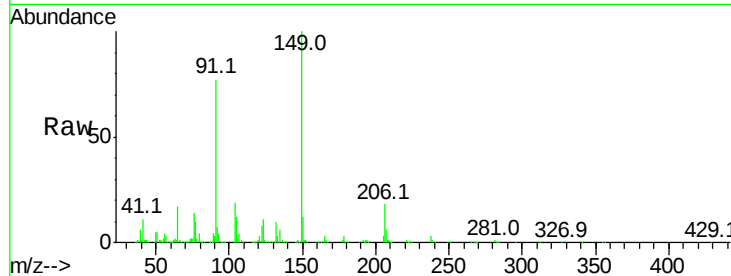
#79
Butylbenzylphthalate
Concen: 37.860 ng
RT: 20.88 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampled :
GF-02MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.5	50.1	75.1#
206	18.2	16.2	24.2

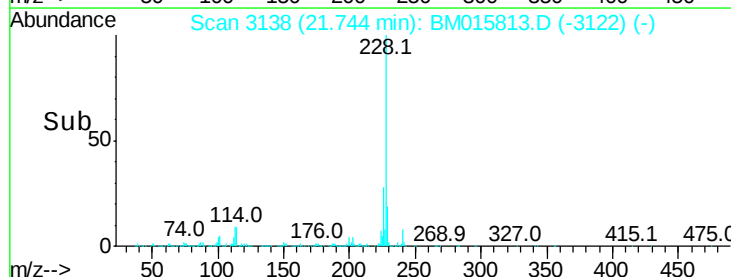
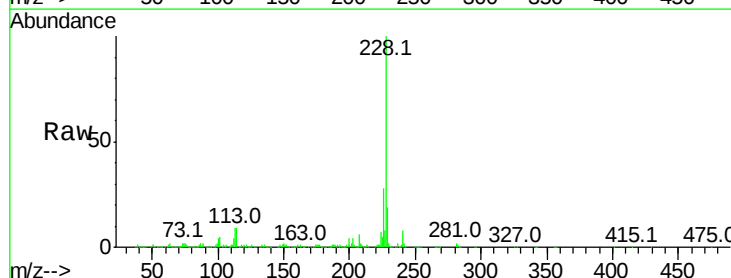
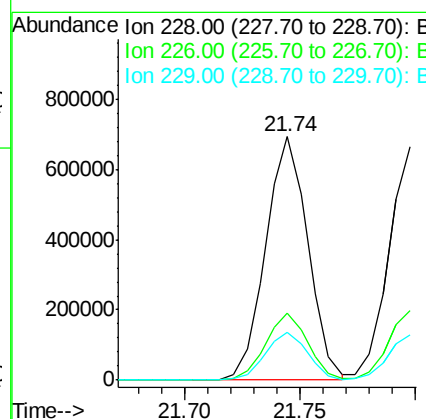
Manual Integrations
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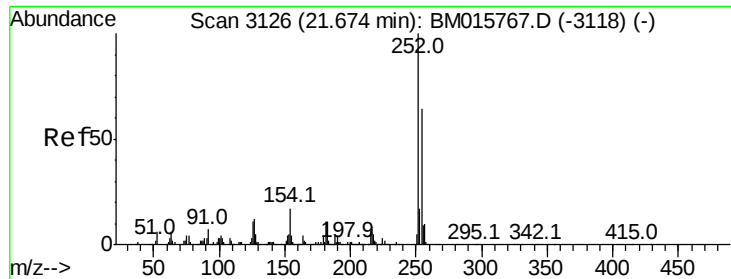
Sohil
7/9/2018 1:55:48 PM



#80
Benzo(a)anthracene
Concen: 35.614 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.7	32.5
229	19.4	16.0	24.0





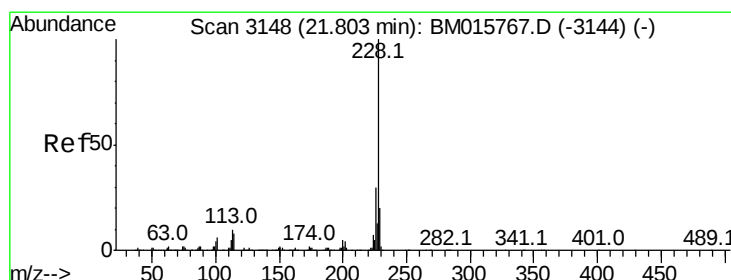
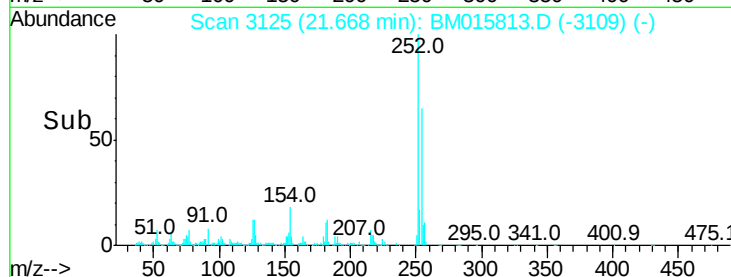
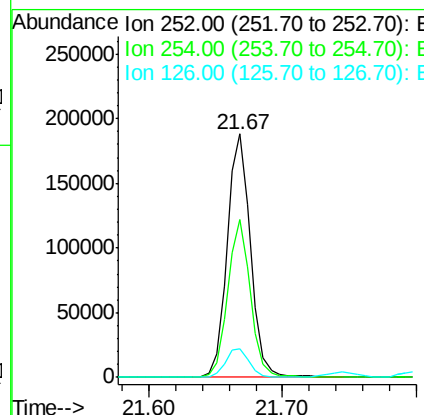
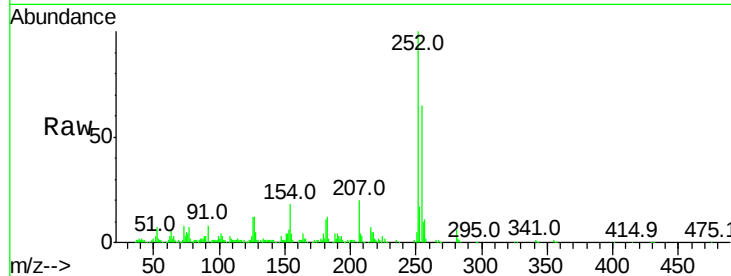
#81
 3,3'-Dichlorobenzidine
 Concen: 26.221 ng
 RT: 21.67 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BM015813.D
 Acq: 06 Jul 2018 21:58

Instrument :
 BNA_M
 ClientSampled :
 GF-02MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	232413		
254	65.0		51.9	77.9
126	11.6		9.8	14.8

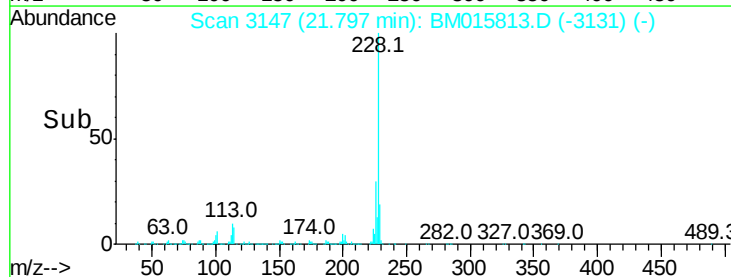
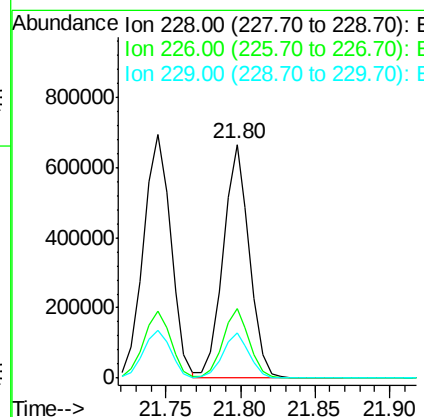
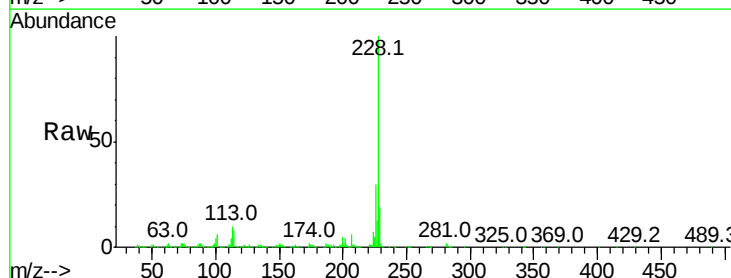
Manual Integrations
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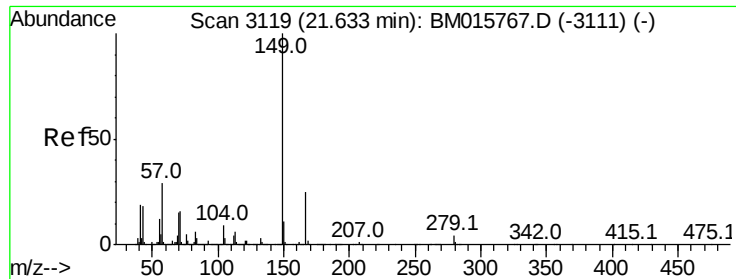
Sohil
 7/9/2018 1:55:48 PM



#82
 Chrysene
 Concen: 35.519 ng
 RT: 21.80 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BM015813.D
 Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	816269		
226	29.8		24.1	36.1
229	19.4		15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.322 ng

RT: 21.63 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Instrument :

BNA_M

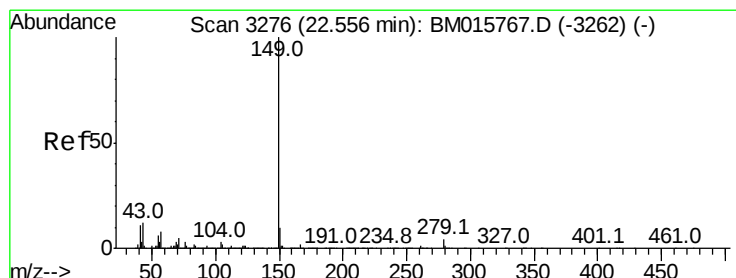
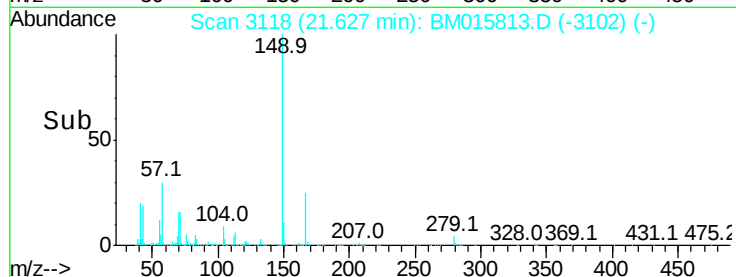
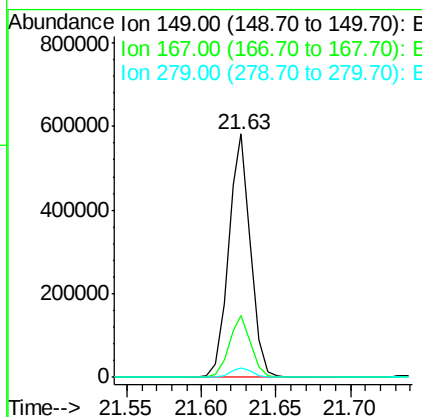
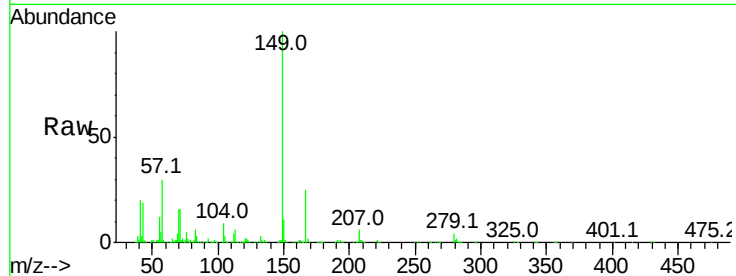
ClientSampleId :

GF-02MS

Tot Ion:	149	Resp:	594156
Ion Ratio	Lower	Upper	
149	100		
167	25.4	22.4	33.6
279	4.1	3.4	5.0

Manual Integrations
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7/9/2018 1:55:48 PM



#84

Di-n-octyl phthalate

Concen: 32.746 ng

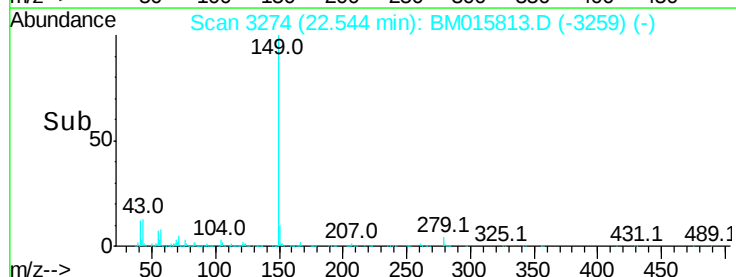
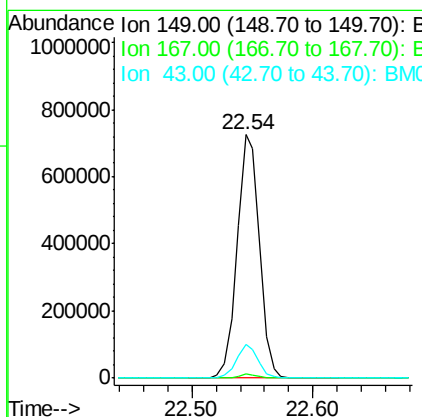
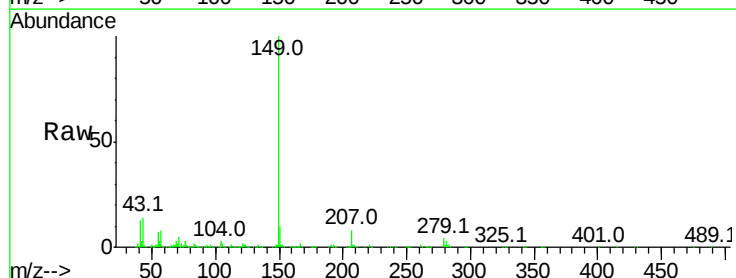
RT: 22.54 min Scan# 3274

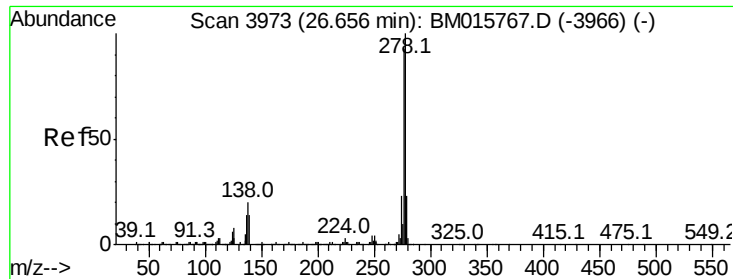
Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Tgt Ion:	149	Resp:	924324
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	13.1	7.3	10.9#





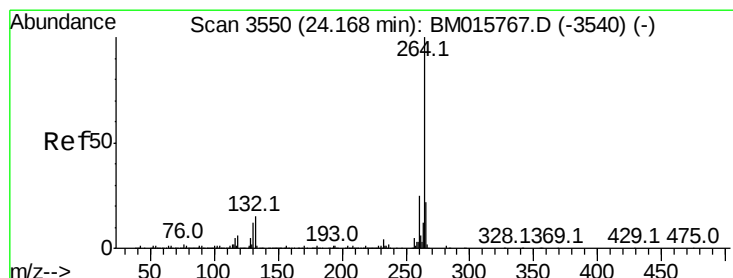
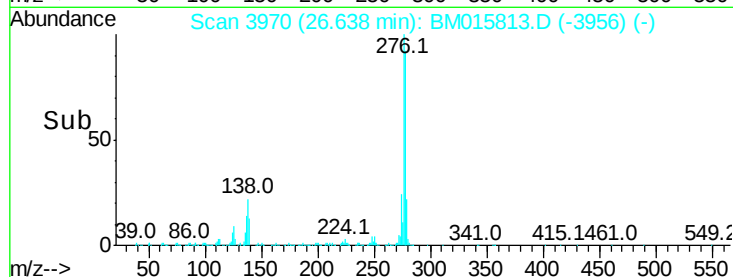
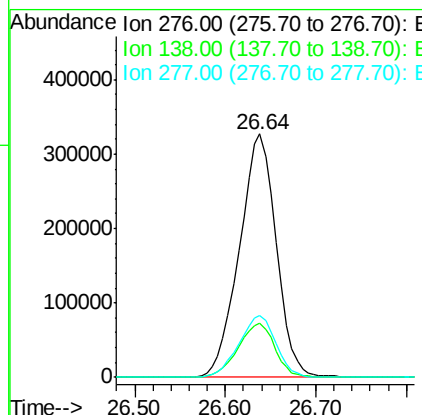
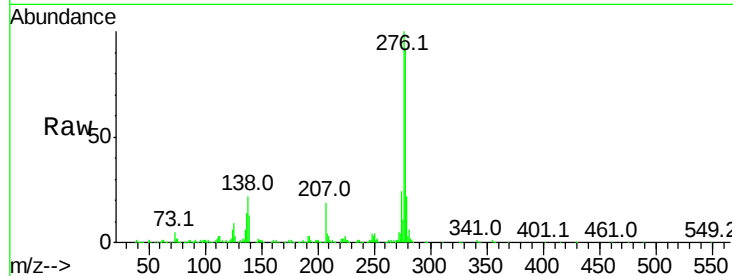
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.082 ng
RT: 26.64 min Scan# 3970
Delta R.T. -0.02 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampleId :
GF-02MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	919855		
138	22.3	12.0	18.0	#
277	25.7	20.0	30.0	

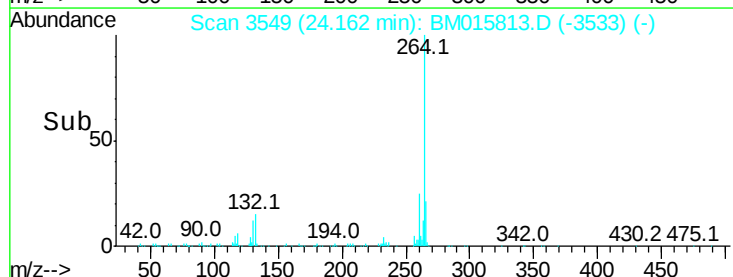
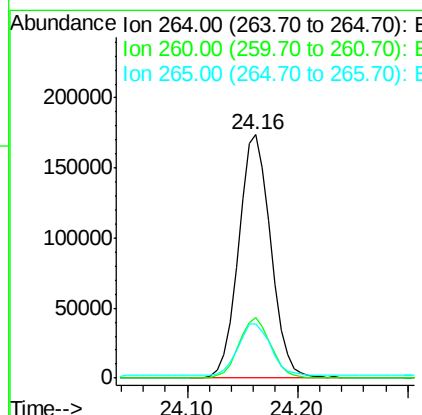
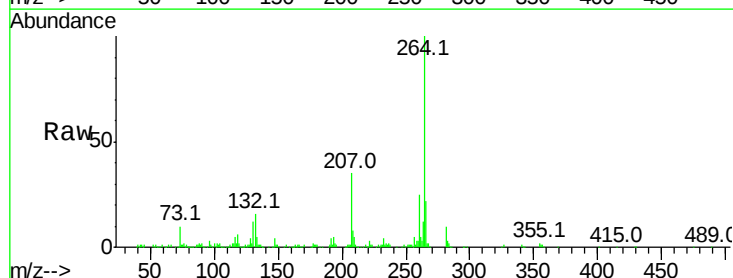
Manual Integrations
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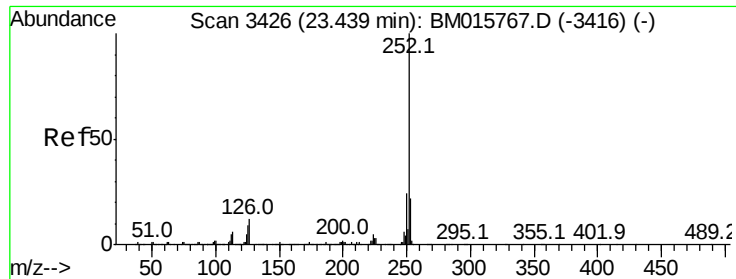
Sohil
7/9/2018 1:55:48 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.16 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	356066		
260	24.7	18.6	27.8	
265	22.1	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 34.362 ng

RT: 23.43 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Instrument :

BNA_M

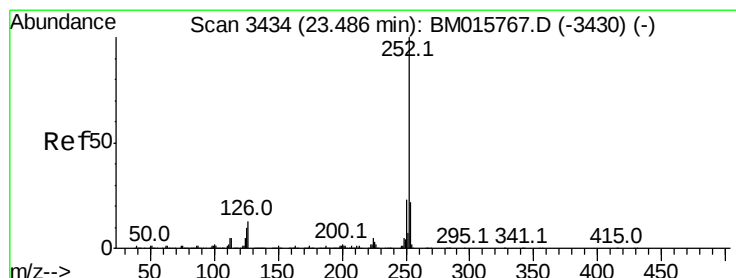
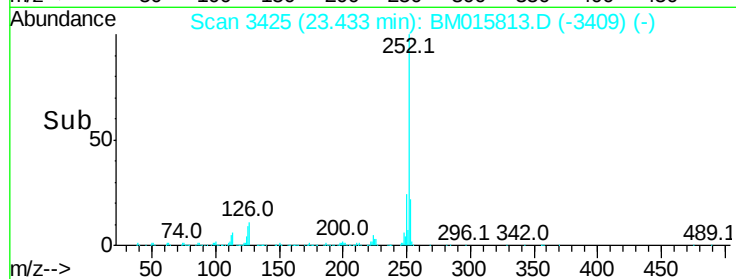
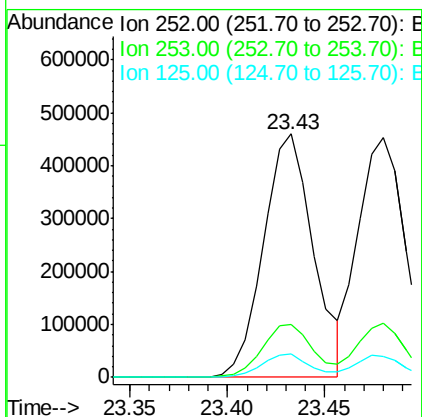
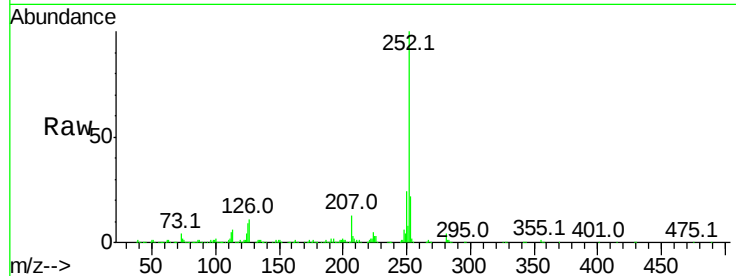
ClientSampleId :

GF-02MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	9.4	9.9	14.9#

Manual Integrations
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7/9/2018 1:55:48 PM



#88

Benzo(k)fluoranthene

Concen: 32.890 ng

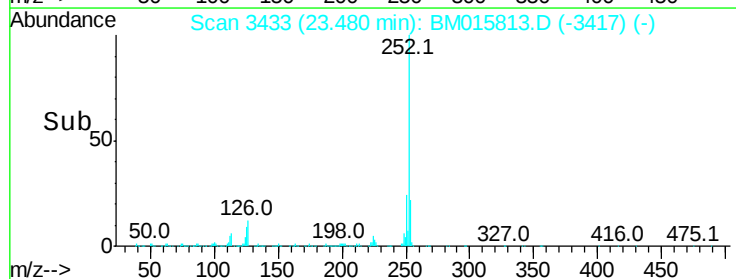
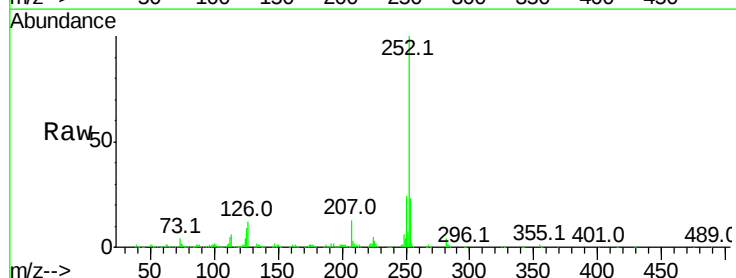
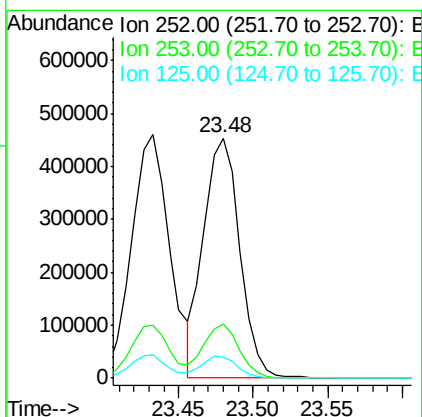
RT: 23.48 min Scan# 3433

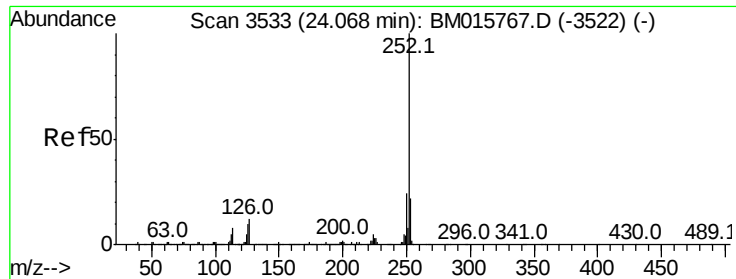
Delta R.T. -0.01 min

Lab File: BM015813.D

Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	8.9	8.1	12.1





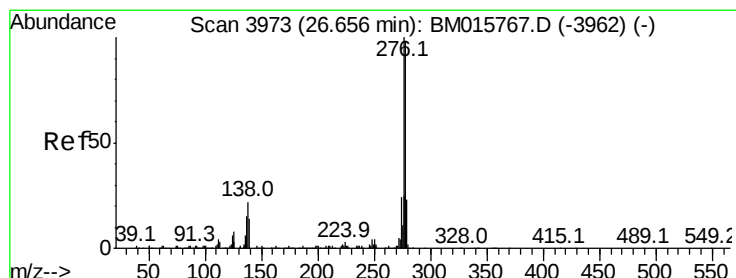
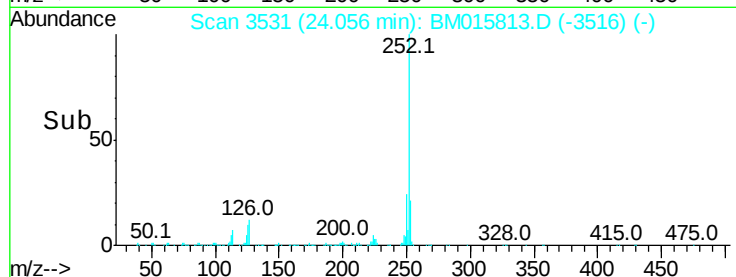
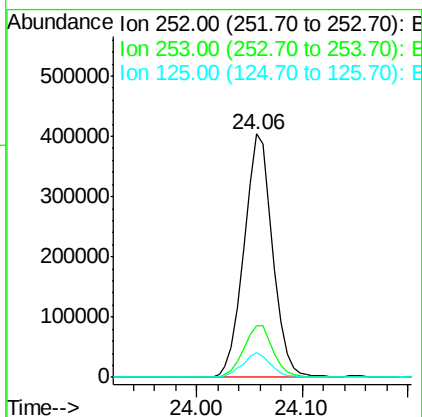
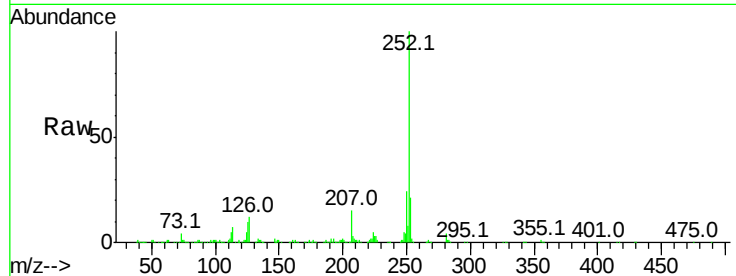
#89
Benzo(a)pyrene
Concen: 36.267 ng
RT: 24.06 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Instrument :
BNA_M
ClientSampled :
GF-02MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	10.0	7.4	11.2

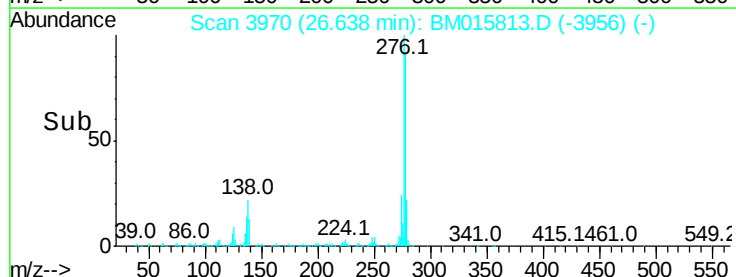
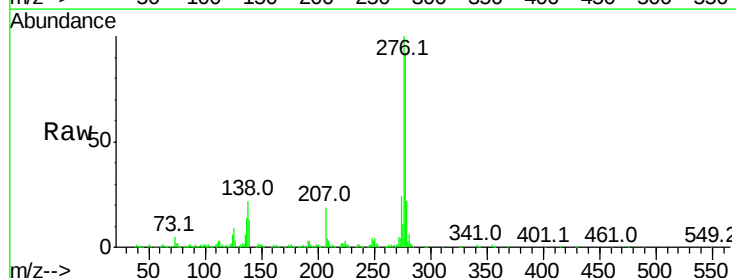
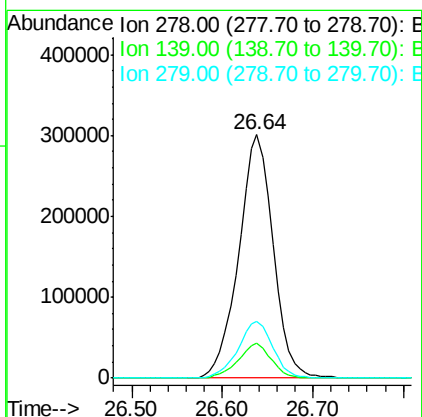
Manual Integrations
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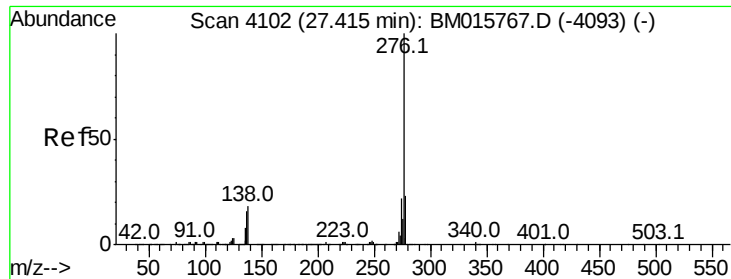
Sohil
7/9/2018 1:55:48 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.171 ng
RT: 26.64 min Scan# 3970
Delta R.T. -0.02 min
Lab File: BM015813.D
Acq: 06 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	13.4	20.0
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 44.858 ng
 RT: 27.40 min Scan# 4099
 Delta R.T. -0.02 min
 Lab File: BM015813.D
 Acq: 06 Jul 2018 21:58

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MS

Tot Ion:	276	Resp:	742094
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.5	27.7
138	19.0	19.0	28.6#

Manual Integrations
 APPROVED

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 7/9/2018 1:55:48 PM

