

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
 Data File : BM015814.D
 Acq On : 06 Jul 2018 22:35
 Operator : SJ/JU
 Sample : J3845-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

Manual Integrations
 APPROVED

Sohil
 7/9/2018 1:55:51 PM

Quant Time: Jul 07 02:40:57 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	133154	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	534586	20.00	ng	-0.01
38) Acenaphthene-d10	14.93	164	294812	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	586627	20.00	ng	0.00
75) Chrysene-d12	21.76	240	430880	20.00	ng	0.00
86) Perylene-d12	24.16	264	358811	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.81	112	1268609	163.39	ng	0.00
7) Phenol-d6	7.47	99	1679039	157.96	ng	0.00
23) Nitrobenzene-d5	9.50	82	1128821	103.03	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	632151	164.11	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	2310574	97.30	ng	0.00
78) Terphenyl-d14	20.22	244	2749756	118.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	116378	36.243	ng	# 100
3) Pyridine	4.00	79	268907	31.735	ng	# 80
4) n-Nitrosodimethylamine	3.92	42	287559	43.583	ng	# 43
6) Aniline	7.63	93	410657	31.867	ng	90
8) 2-Chlorophenol	7.87	128	462647	49.649	ng	97
9) Benzaldehyde	7.44	77	215546	32.174	ng	90
10) Phenol	7.49	94	583805	54.661	ng	92
11) bis(2-Chloroethyl)ether	7.72	93	385851	44.411	ng	88
12) 1,3-Dichlorobenzene	8.19	146	463490	44.861	ng	# 92
13) 1,4-Dichlorobenzene	8.34	146	473456	44.315	ng	94
14) 1,2-Dichlorobenzene	8.66	146	464660	44.970	ng	94
15) Benzyl Alcohol	8.56	79	423295	45.871	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.83	45	606559	63.925	ng	97
17) 2-Methylphenol	8.76	107	366056	49.471	ng	# 87
18) Hexachloroethane	9.39	117	192699	45.614	ng	95
19) n-Nitroso-di-n-propylamine	9.13	70	360783	42.234	ng	# 79
20) 3+4-Methylphenols	9.09	107	496787	48.334	ng	90
22) Acetophenone	9.15	105	668432	47.998	ng	# 88
24) Nitrobenzene	9.54	77	547012	51.289	ng	98
25) Isophorone	10.06	82	919743	54.998	ng	# 95
26) 2-Nitrophenol	10.25	139	243098	52.933	ng	# 64
27) 2,4-Dimethylphenol	10.30	122	403673	57.859	ng	86
28) bis(2-Chloroethoxy)methane	10.53	93	535231	49.125	ng	97
29) 2,4-Dichlorophenol	10.78	162	426311	55.171	ng	97
30) 1,2,4-Trichlorobenzene	10.99	180	441816	49.228	ng	97
31) Naphthalene	11.19	128	1360764	49.096	ng	100
32) Benzoic acid	10.45	122	126186	20.428	ng	86
33) 4-Chloroaniline	11.30	127	272959	24.155	ng	# 89
34) Hexachlorobutadiene	11.45	225	281535	47.003	ng	96
35) Caprolactam	12.11	113	116120m	45.313	ng	
36) 4-Chloro-3-methylphenol	12.41	107	458687	51.734	ng	89
37) 2-Methylnaphthalene	12.77	142	1004068	50.926	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	490327	51.820	ng	# 100
40) Hexachlorocyclopentadiene	13.10	237	533926	116.013	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	326929	54.660	ng	98
43) 2,4,5-Trichlorophenol	13.45	196	343162	53.112	ng	# 85
45) 1,1'-Biphenyl	13.77	154	1252913	49.154	ng	99
46) 2-Chloronaphthalene	13.82	162	963437	50.554	ng	# 92
47) 2-Nitroaniline	14.03	65	327304	49.249	ng	82
48) Acenaphthylene	14.66	152	1544179	49.808	ng	99
49) Dimethylphthalate	14.39	163	1653668	63.602	ng	99
50) 2,6-Dinitrotoluene	14.52	165	257934	50.880	ng	# 73
51) Acenaphthene	14.99	154	888342	46.048	ng	98
52) 3-Nitroaniline	14.85	138	168899	30.439	ng	# 78
53) 2,4-Dinitrophenol	15.06	184	232516	90.634	ng	# 88
54) Dibenzofuran	15.32	168	1423002	47.870	ng	# 88
55) 4-Nitrophenol	15.15	139	401210	97.972	ng	# 70
56) 2,4-Dinitrotoluene	15.30	165	355125	48.521	ng	93
57) Fluorene	15.97	166	1148612	46.856	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.55	232	290246	53.235	ng	# 100
59) Diethylphthalate	15.72	149	1264969	45.400	ng	96
60) 4-Chlorophenyl-phenylether	15.95	204	575315	45.610	ng	91
61) 4-Nitroaniline	16.01	138	228041	39.616	ng	# 40
62) Azobenzene	16.24	77	1298298	49.710	ng	83
64) 4,6-Dinitro-2-methylphenol	16.06	198	174308	48.877	ng	89
65) n-Nitrosodiphenylamine	16.17	169	974562	48.483	ng	98
66) 4-Bromophenyl-phenylether	16.84	248	337798	51.574	ng	# 84
67) Hexachlorobenzene	16.96	284	367654	50.233	ng	# 81
68) Atrazine	17.10	200	343045	51.884	ng	99
69) Pentachlorophenol	17.30	266	398700	88.035	ng	99
70) Phenanthrene	17.70	178	1617264	48.188	ng	100
71) Anthracene	17.79	178	1649173	50.037	ng	99
72) Carbazole	18.06	167	1429719	46.551	ng	98
73) Di-n-butylphthalate	18.57	149	1930511	46.634	ng	# 98
74) Fluoranthene	19.67	202	1613390	41.817	ng	99
76) Benzidine	19.85	184	357291	28.302	ng	99
77) Pyrene	20.03	202	1583565	58.999	ng	99
79) Butylbenzylphthalate	20.88	149	712917	54.949	ng	# 84
80) Benzo(a)anthracene	21.74	228	1297840	47.507	ng	99
81) 3,3'-Dichlorobenzidine	21.67	252	315284	32.121	ng	99
82) Chrysene	21.80	228	1198923	47.111	ng	100
83) Bis(2-ethylhexyl)phthalate	21.63	149	958598	50.004	ng	96
84) Di-n-octyl phthalate	22.54	149	1384071	44.278	ng	# 91
85) Indeno(1,2,3-cd)pyrene	26.64	276	1213957	51.343	ng	# 93
87) Benzo(b)fluoranthene	23.43	252	1123146	46.884	ng	# 96
88) Benzo(k)fluoranthene	23.48	252	1035526	44.499	ng	98
89) Benzo(a)pyrene	24.06	252	1024205	48.569	ng	99
90) Dibenzo(a,h)anthracene	26.64	278	1037942	54.706	ng	98
91) Benzo(g,h,i)perylene	27.40	276	976370	58.568	ng	95

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

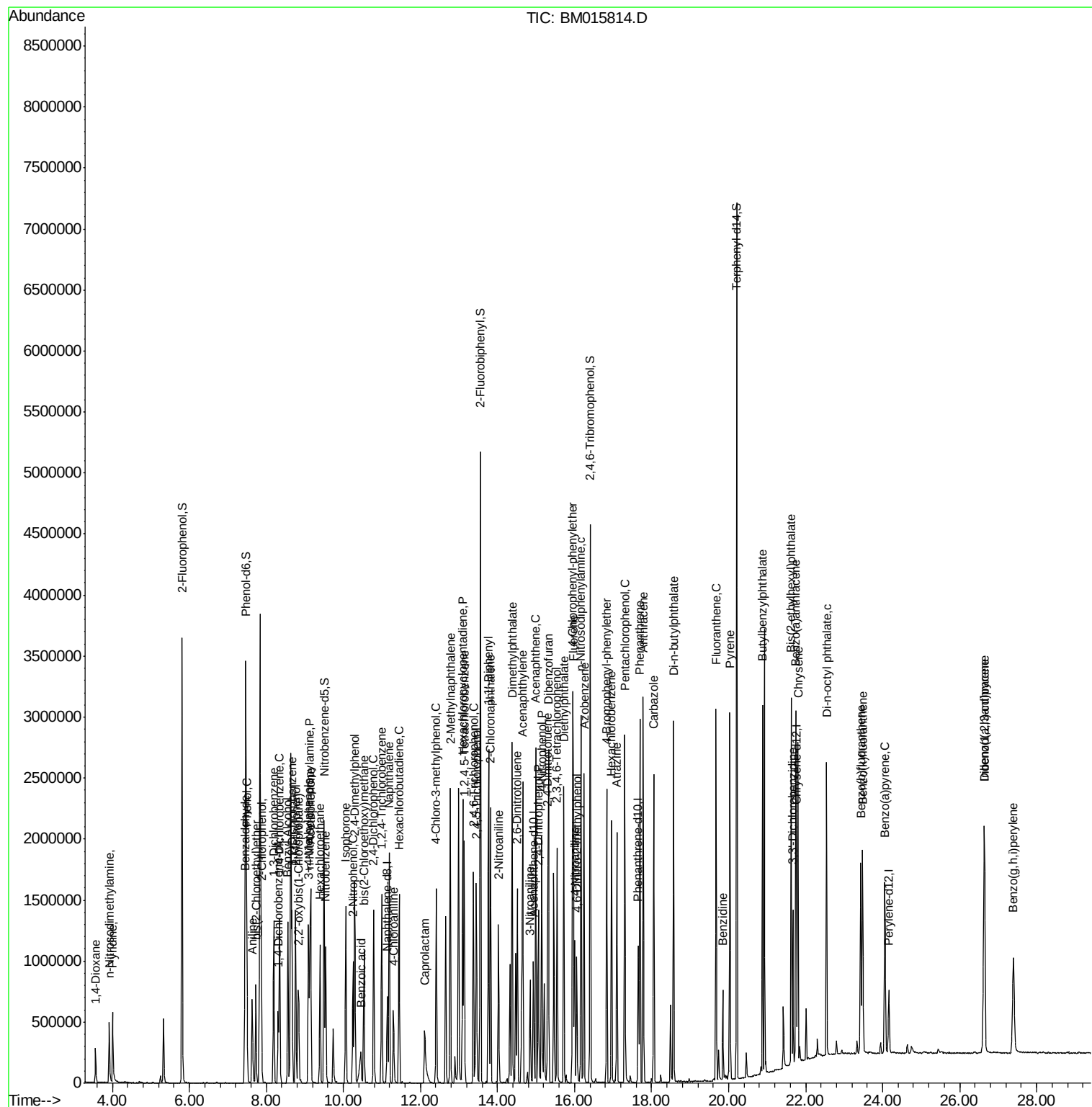
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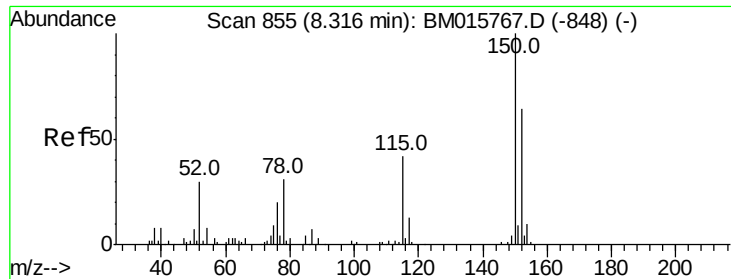
Instrument :
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 ClientSampleId :
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Manual Integrations
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#1

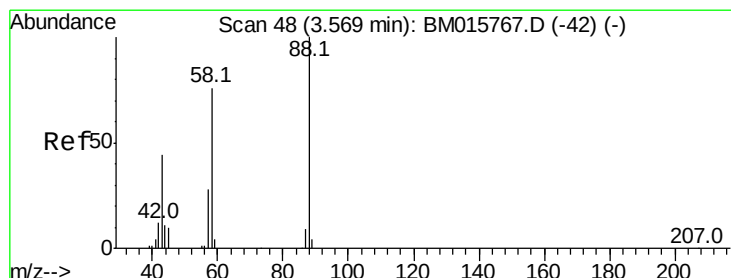
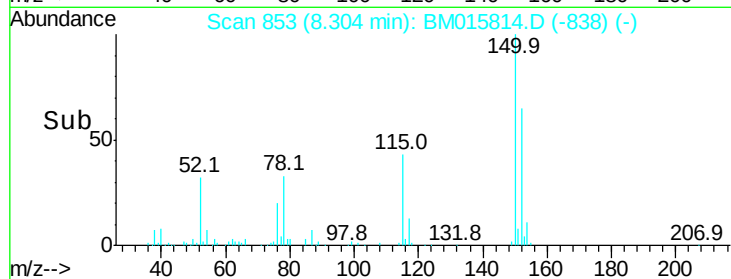
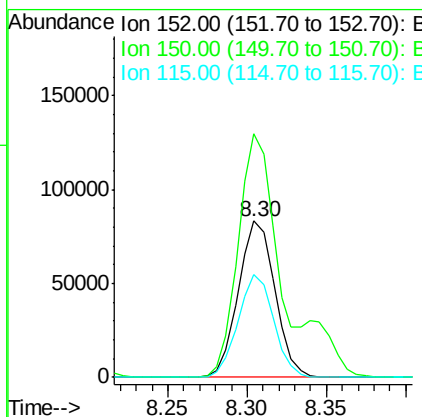
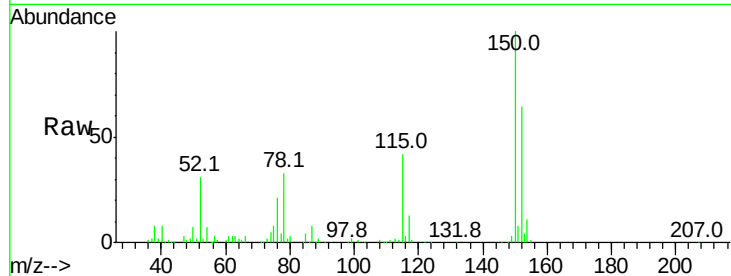
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	119.5	179.3
115	65.8	43.0	64.4

Manual Integrations
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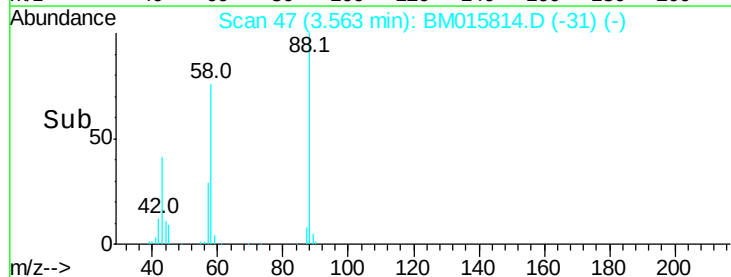
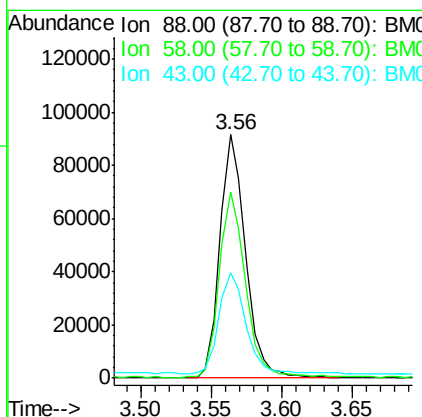
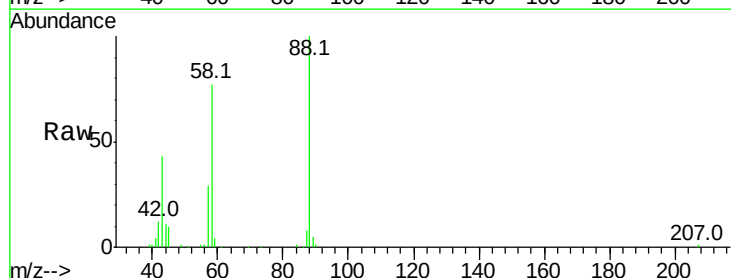
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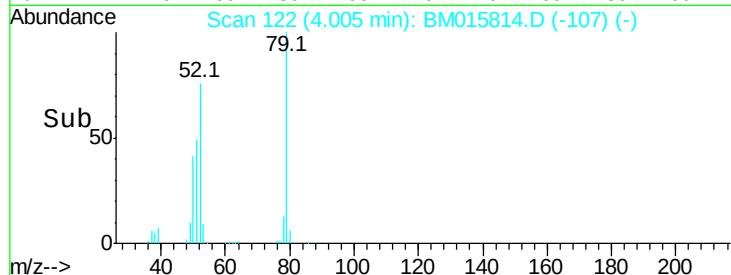
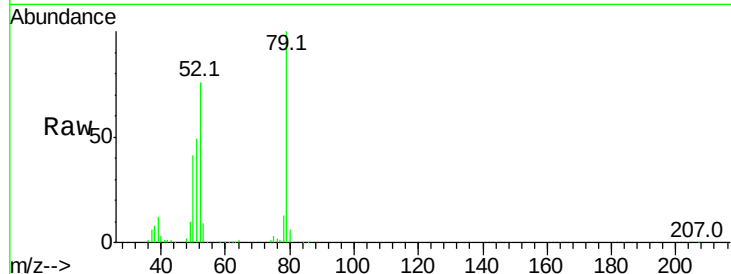
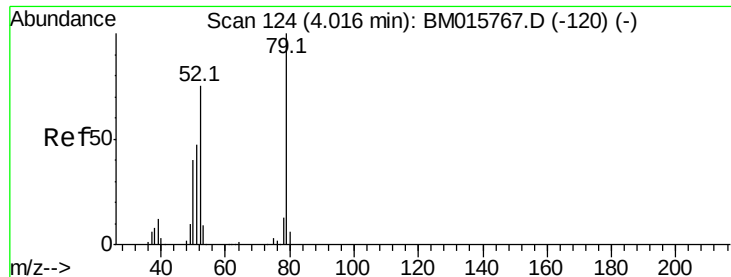


#2

1,4-Dioxane
Concen: 36.243 ng
RT: 3.56 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.8	0.0	0.0
43	44.1	0.0	0.0





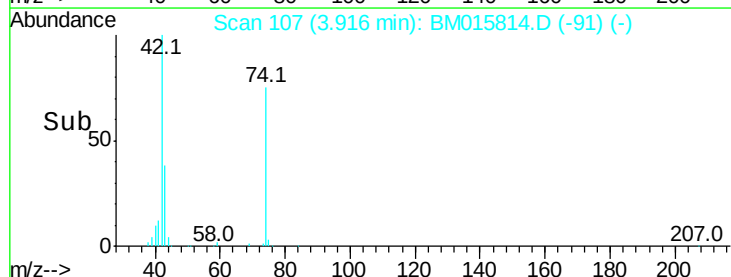
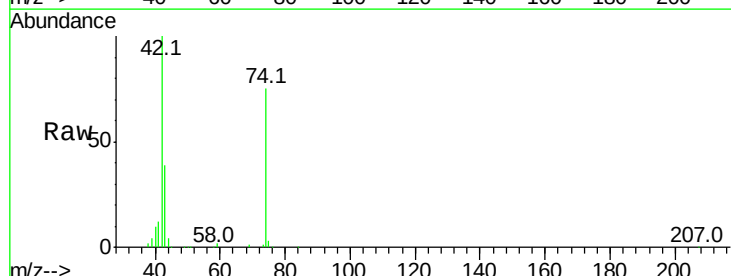
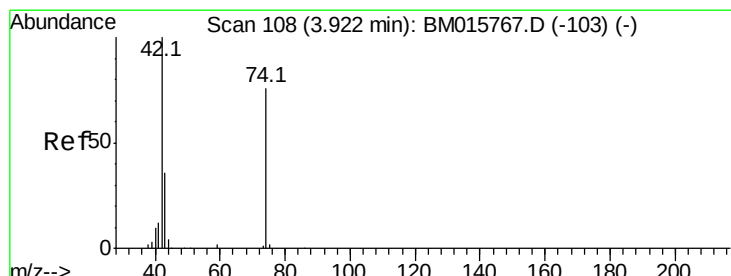
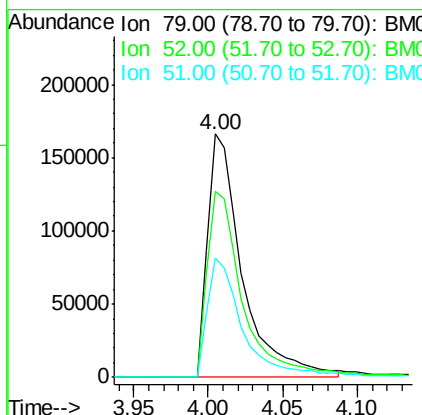
#3
 Pvridine
 Concen: 31.735 ng
 RT: 4.00 min Scan# 122
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.2	51.1	76.7
51	48.9	26.1	39.1#

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

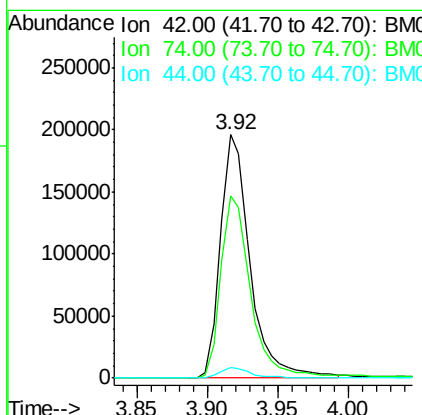
Manual Integrations
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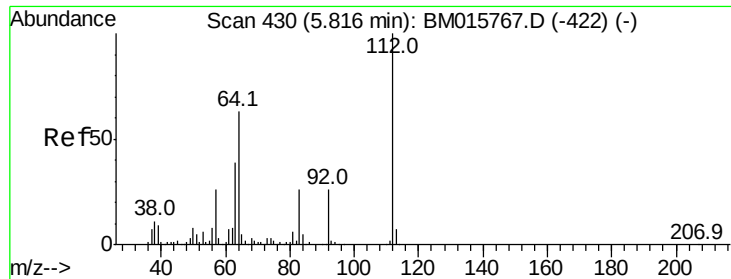
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#4
 n-Nitrosodimethylamine
 Concen: 43.583 ng
 RT: 3.92 min Scan# 107
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	74.7	119.3	178.9#
44	4.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 43.583 ng

RT: 5.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

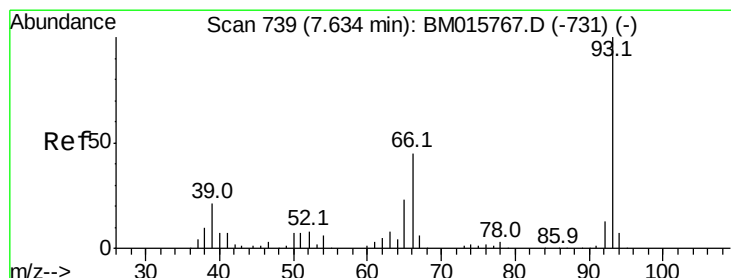
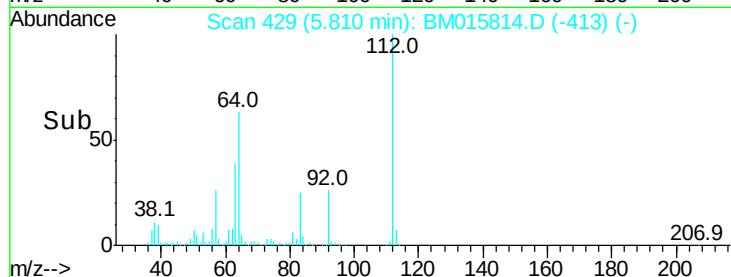
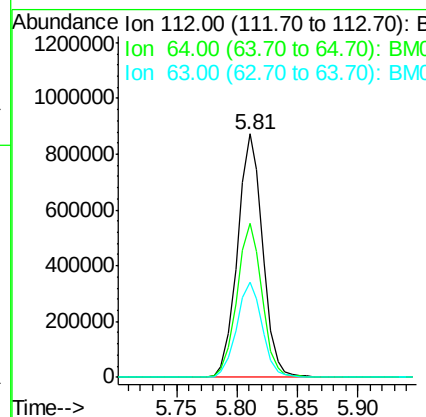
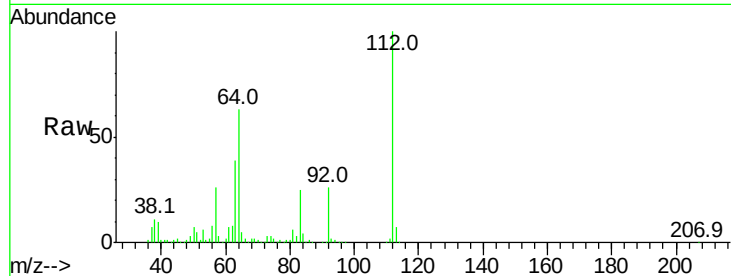
ClientSampled :

GF-02MSD

Tot Ion	112	Resp	1268609
Ion	Ratio	Lower	Upper
112	100		
64	63.2	38.6	57.8#
63	39.3	19.3	28.9#

Manual Integrations
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#6

Aniline

Concen: 31.867 ng

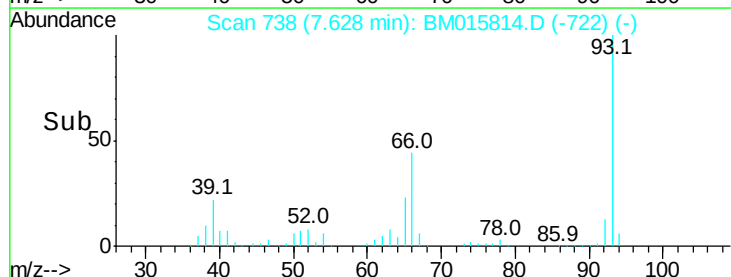
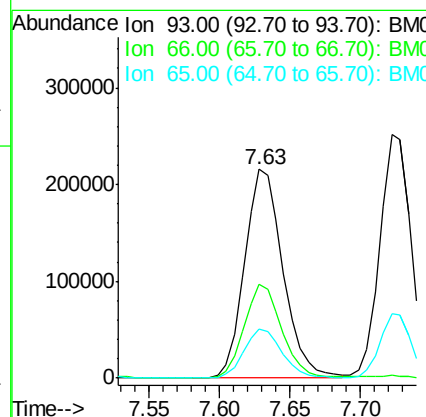
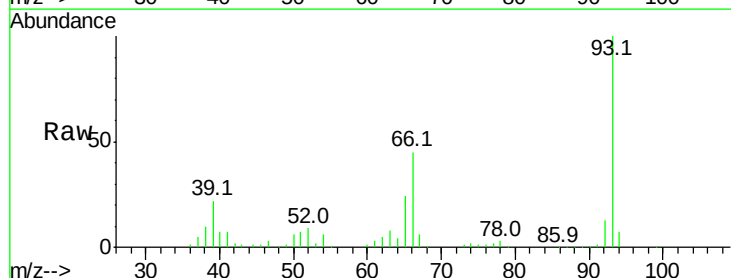
RT: 7.63 min Scan# 738

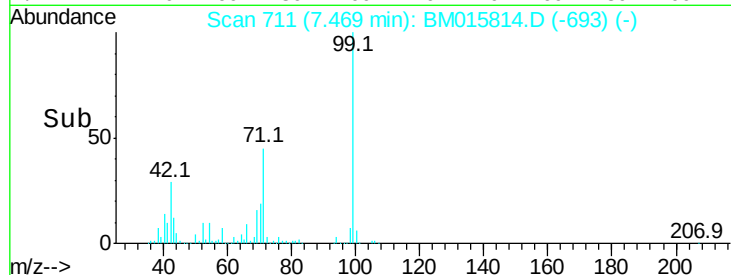
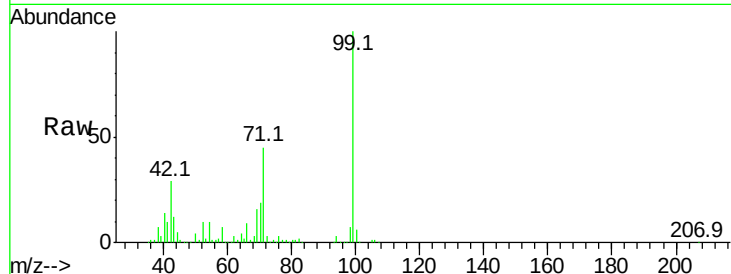
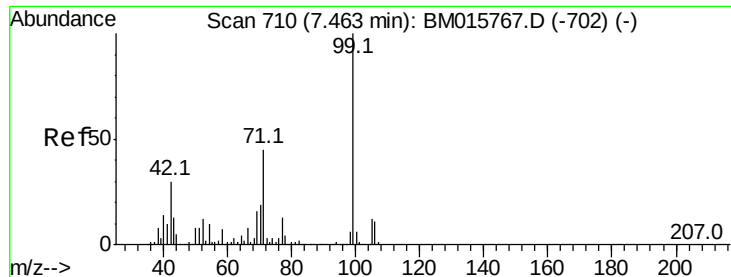
Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Tgt Ion	93	Resp	410657
Ion	Ratio	Lower	Upper
93	100		
66	45.1	30.8	46.2
65	23.6	16.0	24.0





#7

Phenol-d6

Concen: 31.867 ng

RT: 7.47 min Scan# 711

Delta R.T. 0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Tot Ion: 99 Resp: 1679039

Ion Ratio Lower Upper

99 100

42 29.3 11.0 16.4#

71 44.5 23.4 35.2#

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BNA_M

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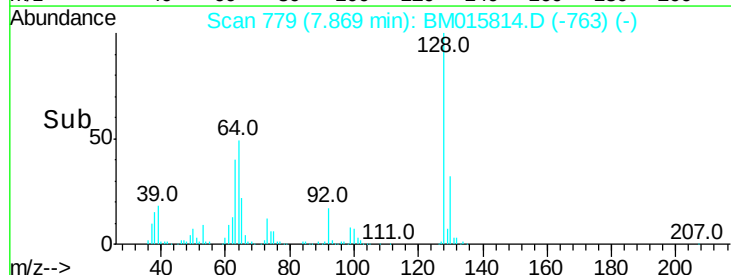
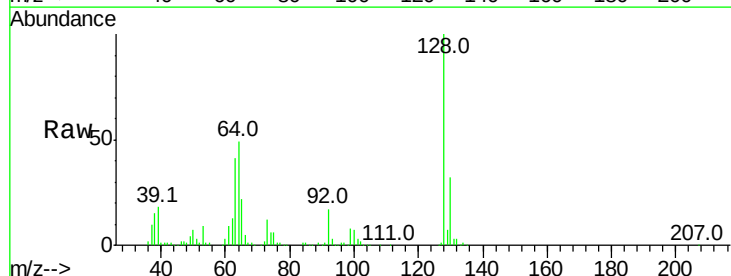
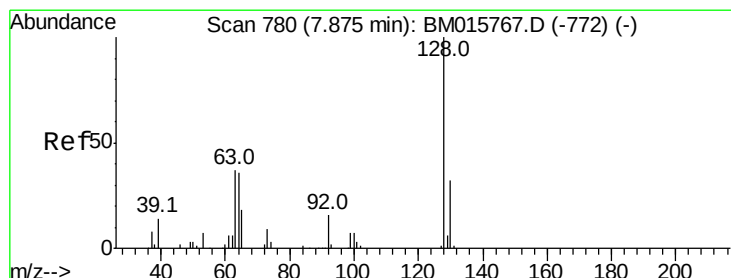
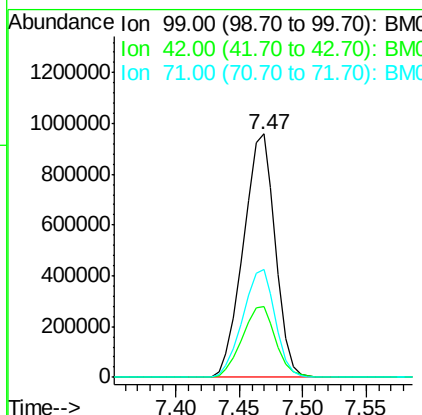
GF-02MSD

Manual Integrations

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#8

2-Chlorophenol

Concen: 49.649 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

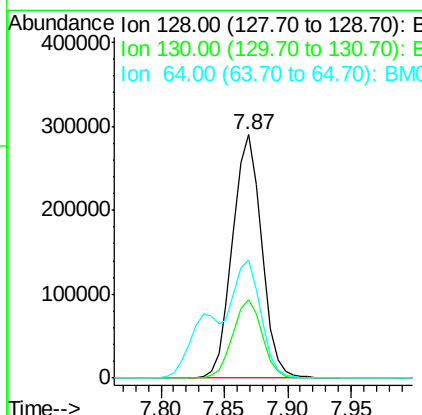
Tgt Ion: 128 Resp: 462647

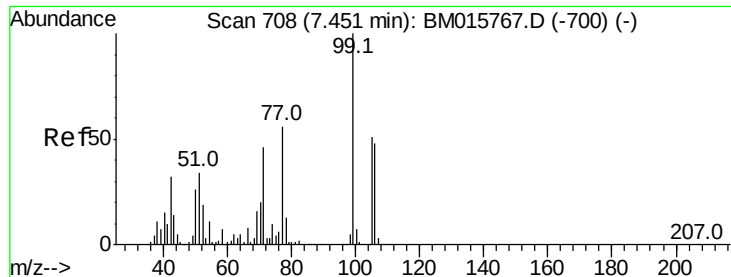
Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

64 48.6 24.9 64.9





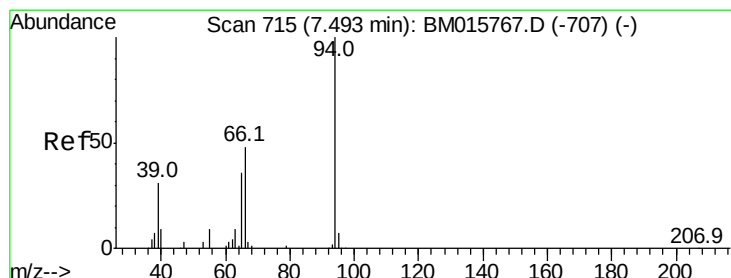
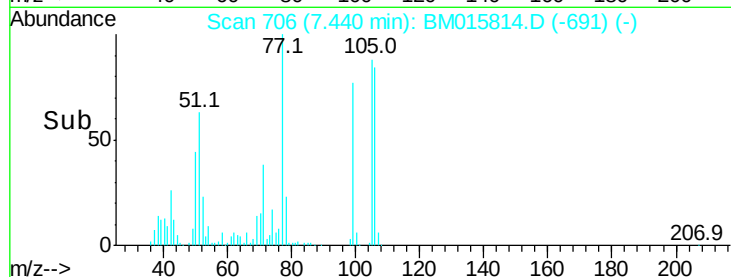
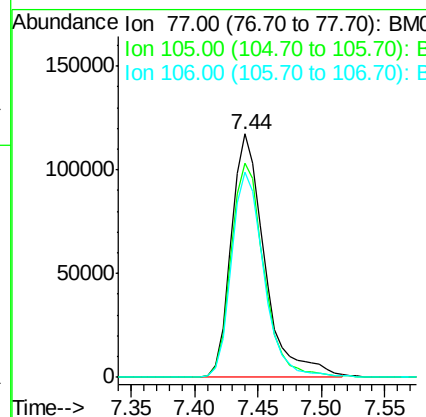
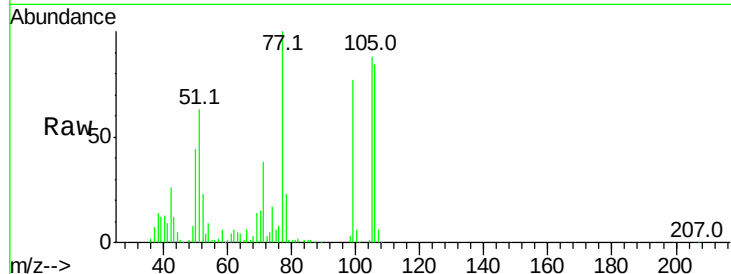
#9
Benzaldehyde
Concen: 32.174 ng
RT: 7.44 min Scan# 706
Delta R.T. -0.01 min
Lab File: BM015814.D
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Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	88.0	78.8	118.8
106	84.4	73.7	113.7

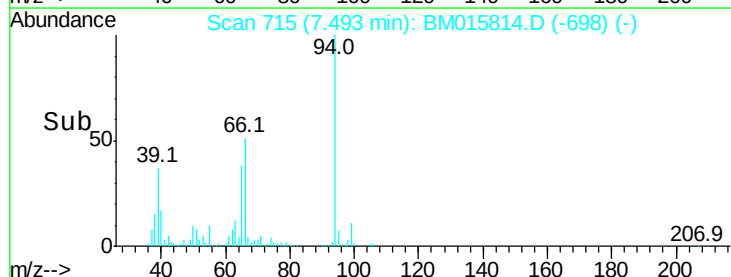
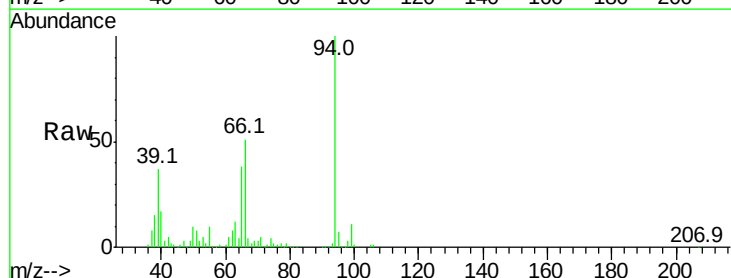
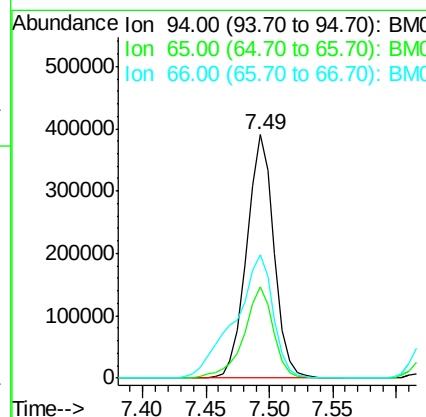
Manual Integrations
APPROVED

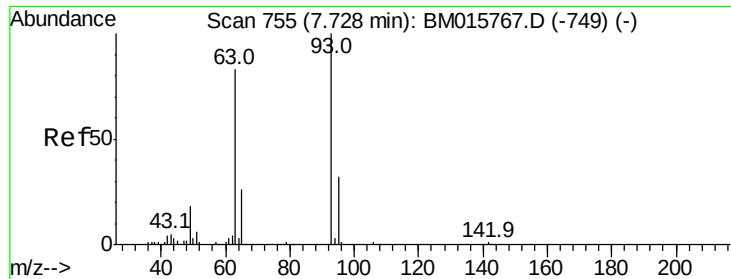
Sohil
7/9/2018 1:55:51 PM



#10
Phenol
Concen: 54.661 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.5	18.8	58.8
66	50.7	39.9	79.9





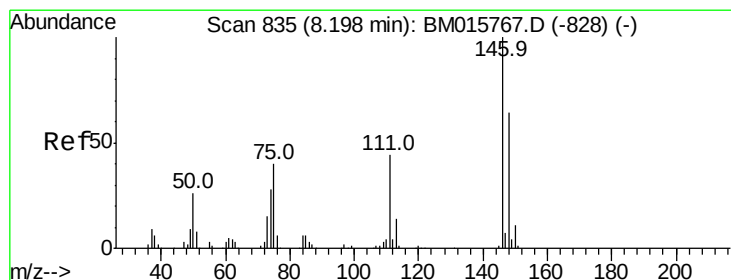
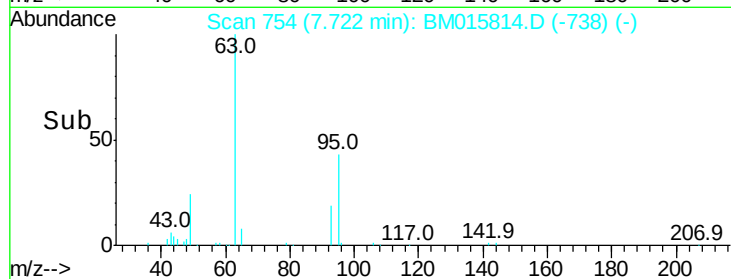
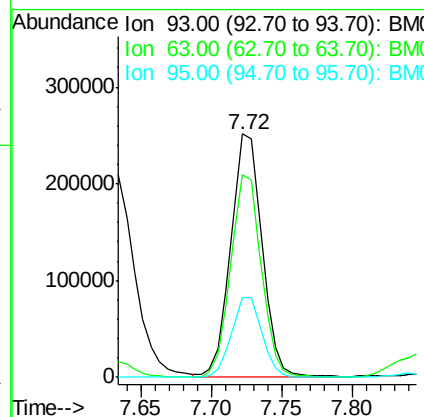
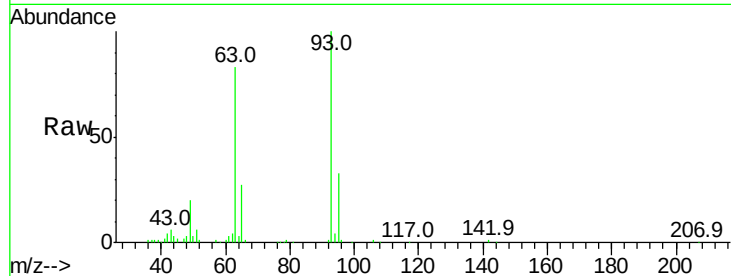
#11
bis(2-Chloroethyl)ether
Concen: 44.411 ng
RT: 7.72 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.5	49.5	89.5
95	32.6	13.5	53.5

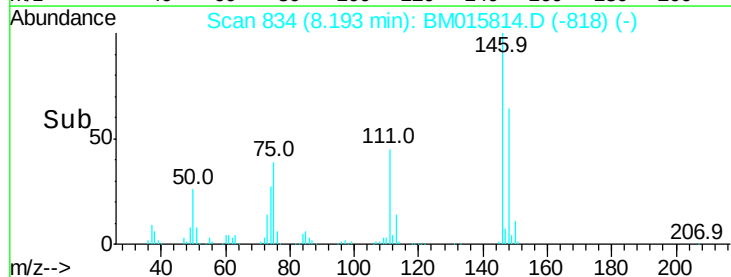
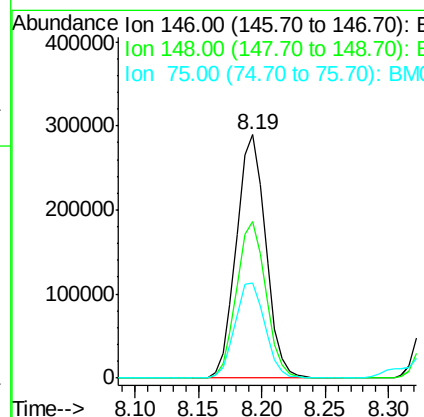
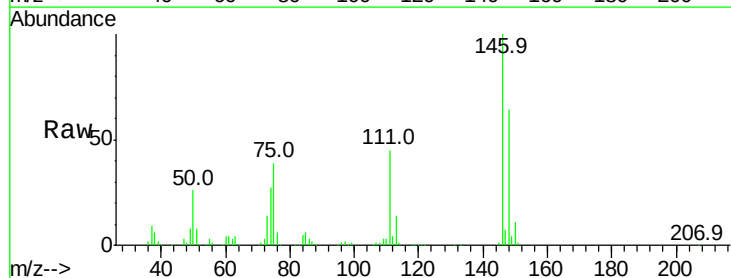
Manual Integrations
APPROVED

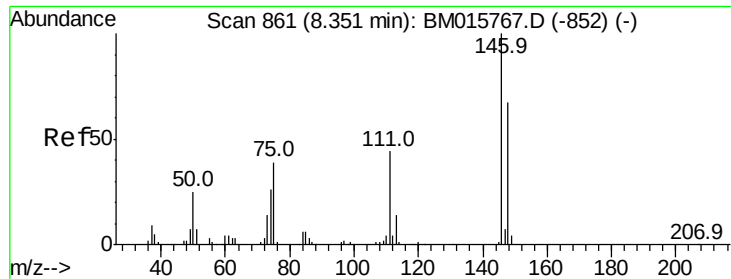
Sohil
7/9/2018 1:55:51 PM



#12
1,3-Dichlorobenzene
Concen: 44.861 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.9	76.3
75	38.9	21.4	32.2#





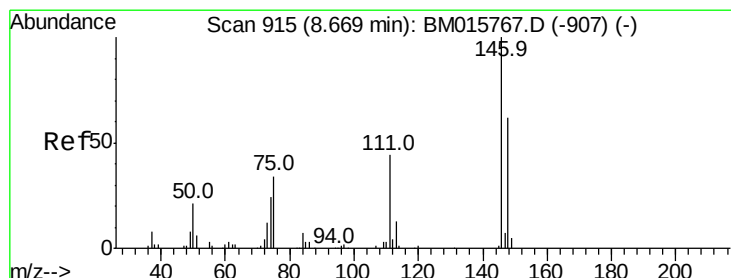
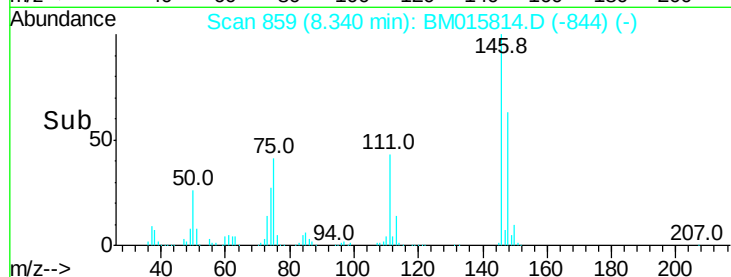
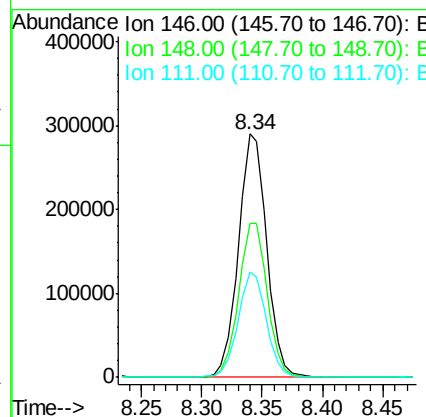
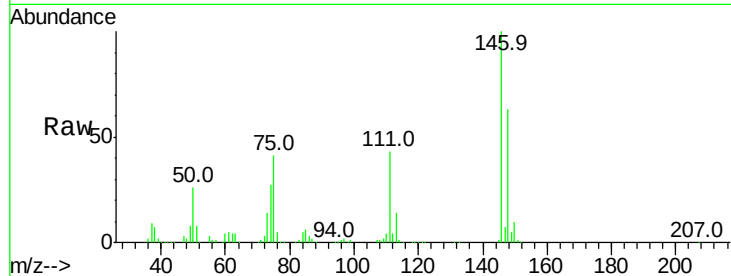
#13
1,4-Dichlorobenzene
Concen: 44.315 ng
RT: 8.34 min Scan# 859
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.9	77.9
111	43.4	29.2	43.8

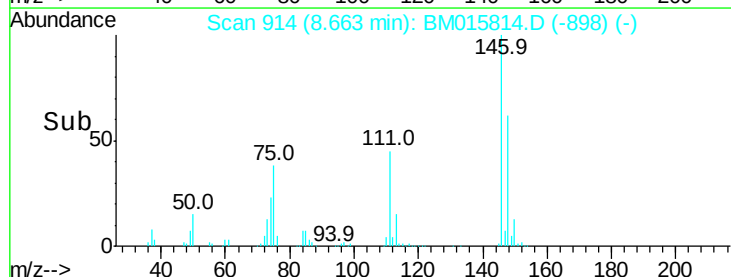
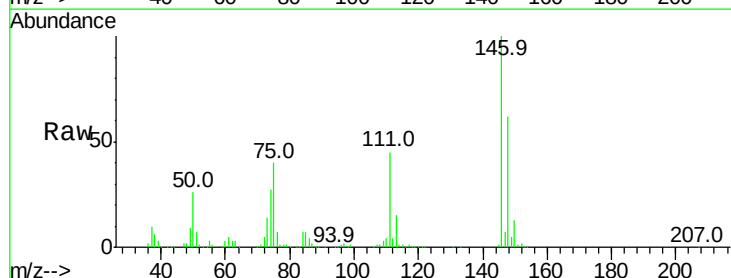
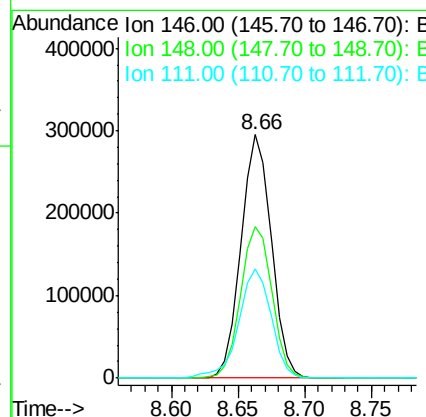
Manual Integrations
APPROVED

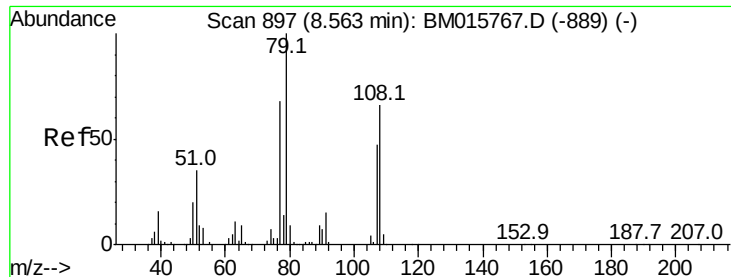
Sohil
7/9/2018 1:55:51 PM



#14
1,2-Dichlorobenzene
Concen: 44.970 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.3	78.5
111	44.6	30.6	45.8





#15

Benzyl Alcohol

Concen: 45.871 ng

RT: 8.56 min Scan# 896

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

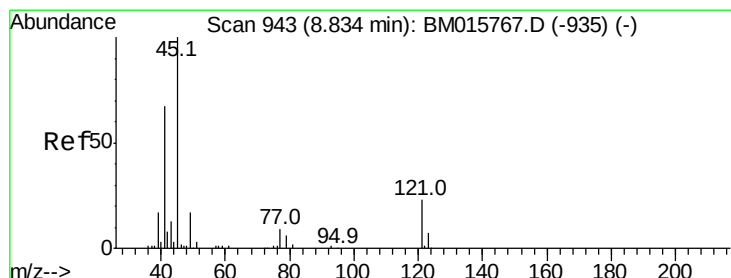
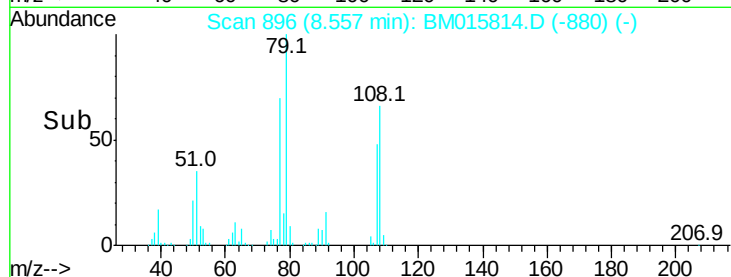
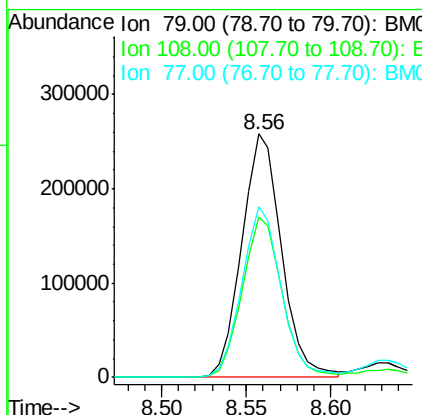
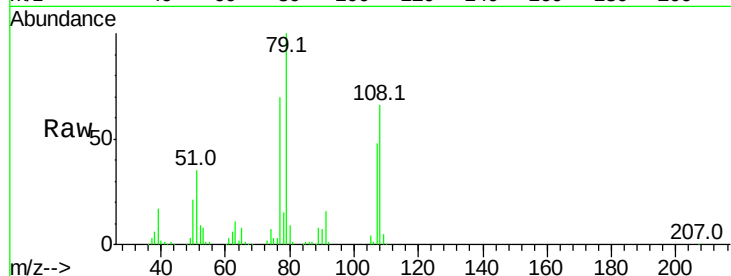
ClientSampleId :

GF-02MSD

Tot Ion:	79	Resp:	423295
Ion Ratio	Lower	Upper	
79	100		
108	65.9	65.0	97.4
77	70.2	53.0	79.6

Manual Integrations
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7/9/2018 1:55:51 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 63.925 ng

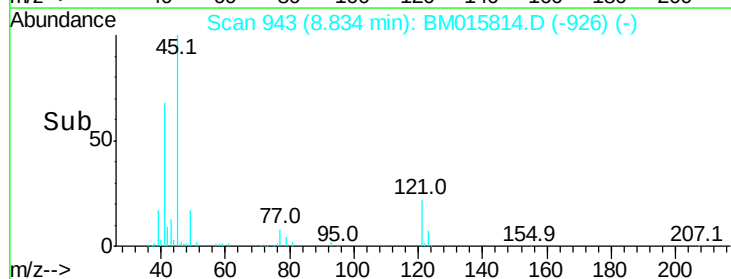
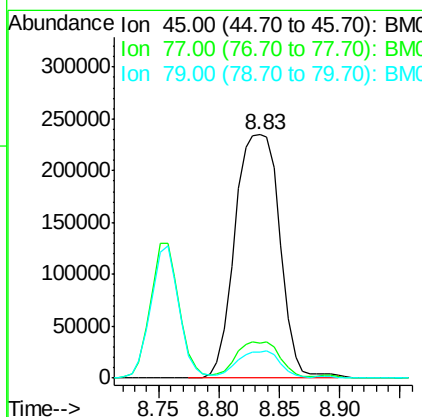
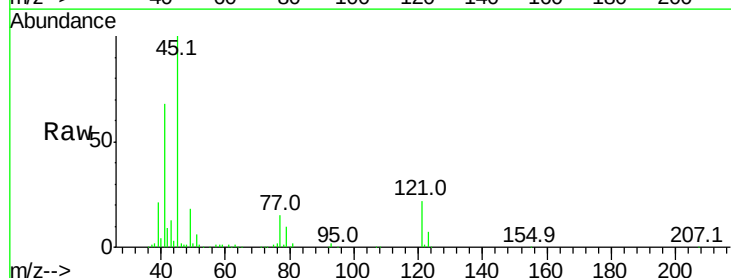
RT: 8.83 min Scan# 943

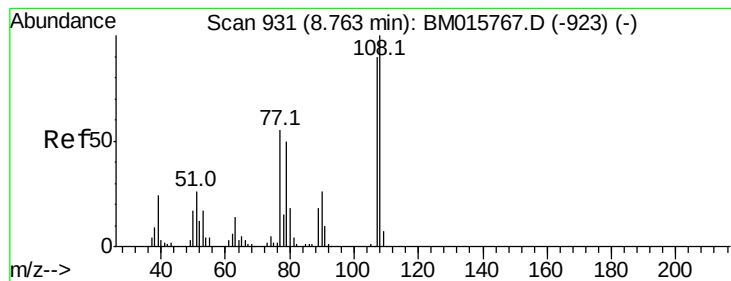
Delta R.T. -0.00 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Tgt Ion:	45	Resp:	606559
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	35.2
79	10.5	0.0	32.0





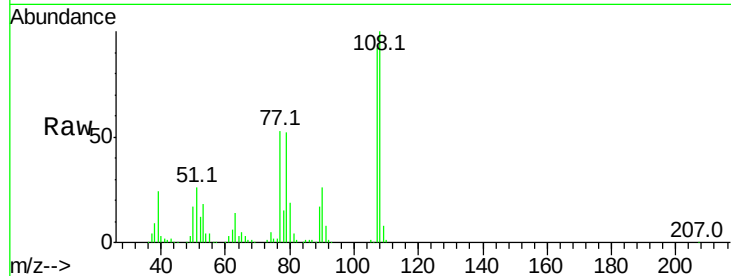
#17
2-Methylphenol
Concen: 49.471 ng
RT: 8.76 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

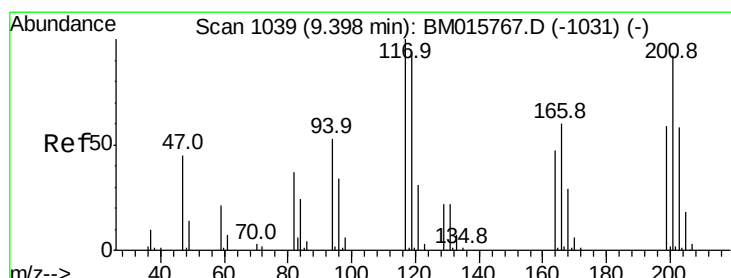
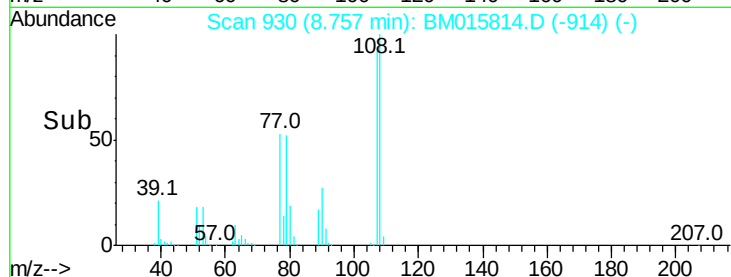
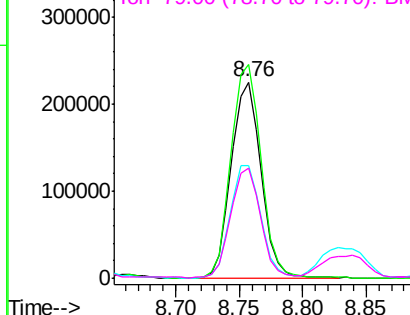
Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	108.7	89.8	134.8
77	57.5	32.6	48.8#
79	56.4	32.8	49.2#

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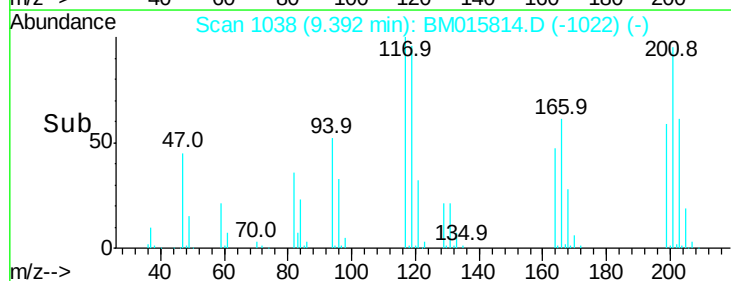
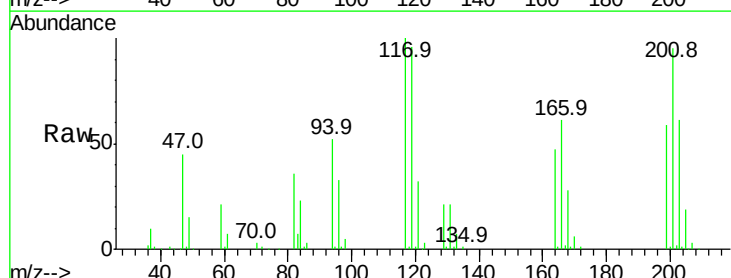
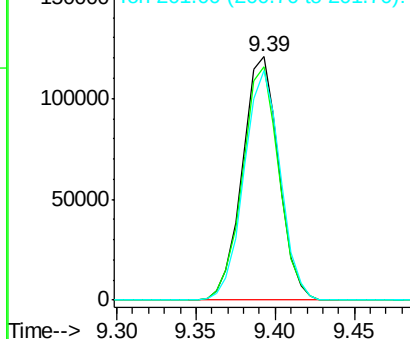
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

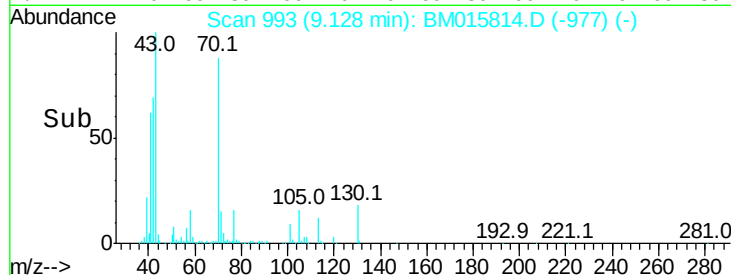
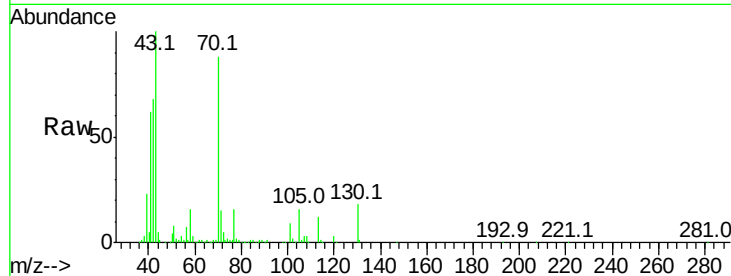
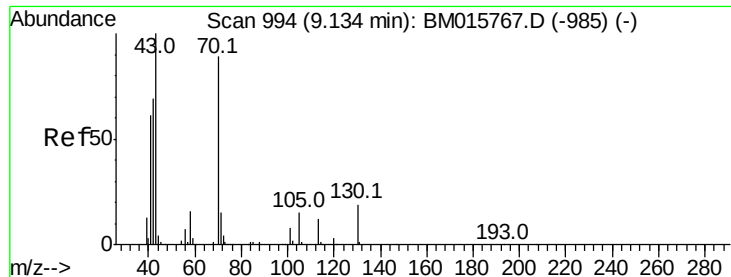


#18
Hexachloroethane
Concen: 45.614 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	95.7	79.2	118.8
201	94.5	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





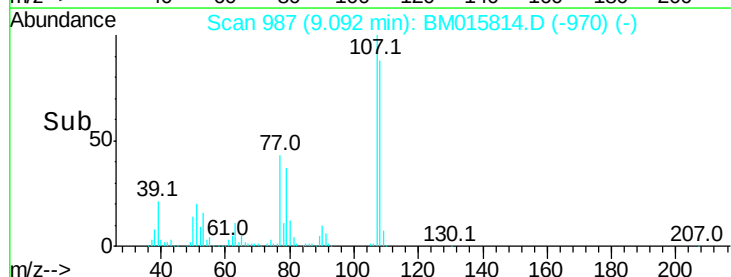
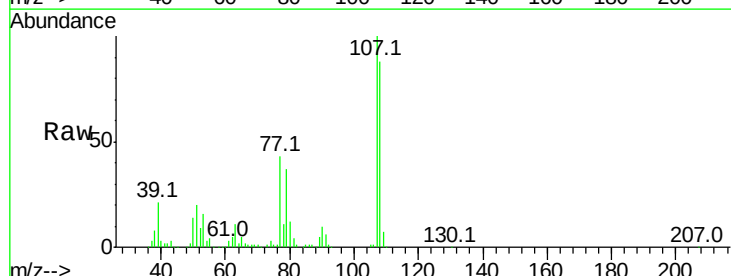
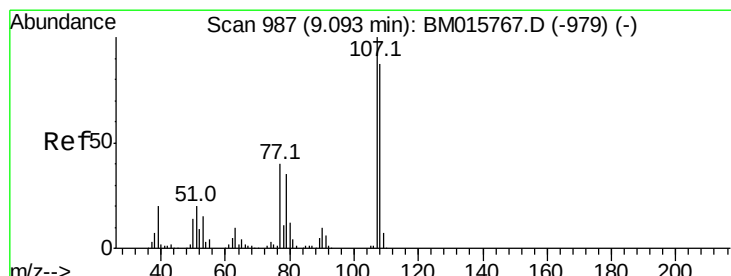
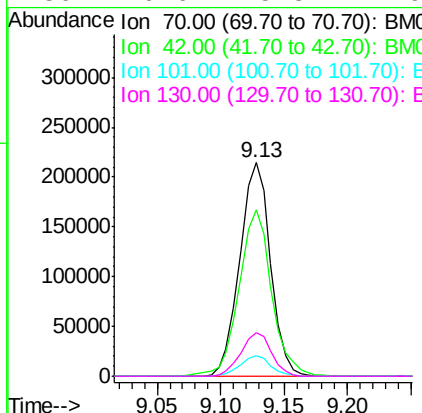
#19
n-Nitroso-di-n-propylamine
Concen: 42.234 ng
RT: 9.13 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.1	44.5	66.7#
101	9.9	7.4	11.2
130	20.6	15.3	22.9

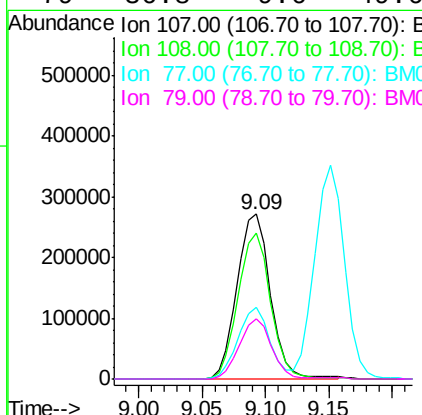
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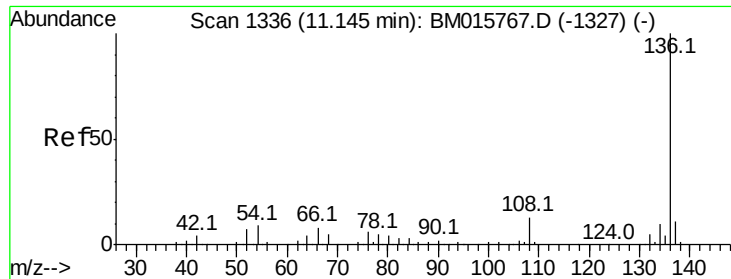
Sohil
7/9/2018 1:55:51 PM



#20
3+4-Methylphenols
Concen: 48.334 ng
RT: 9.09 min Scan# 987
Delta R.T. -0.00 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	73.2	113.2
77	43.1	10.7	50.7
79	36.8	9.6	49.6





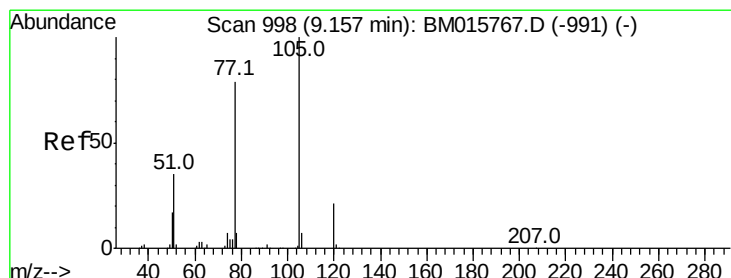
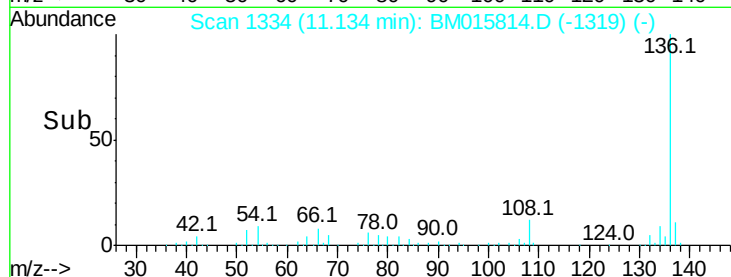
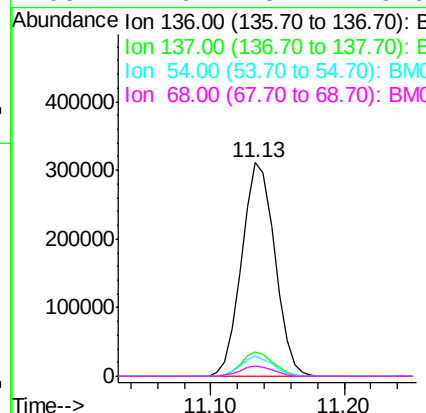
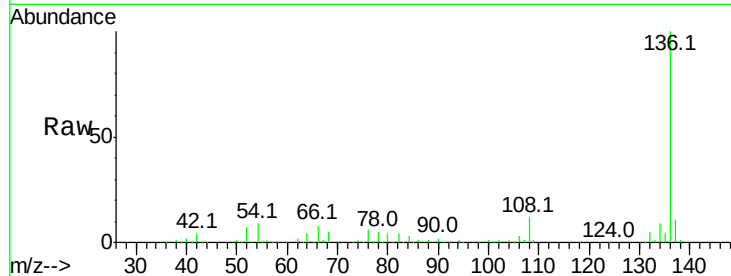
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.7	13.1	
54	9.3	4.6	6.8#	
68	4.9	3.7	5.5	

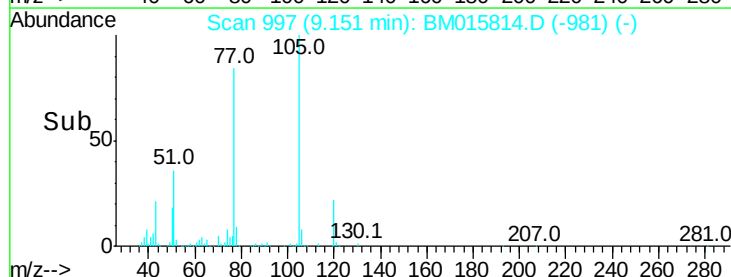
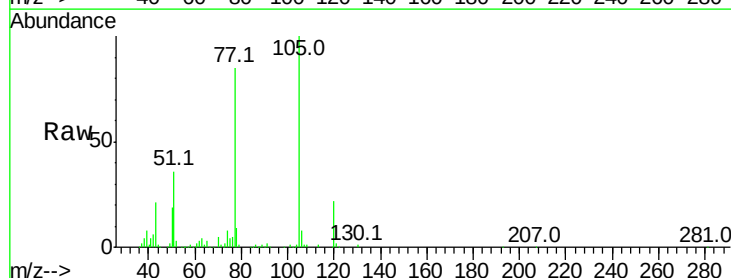
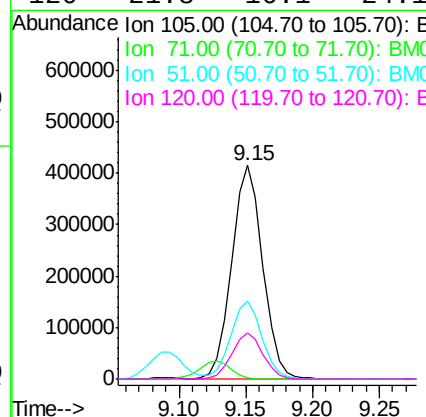
Manual Integrations
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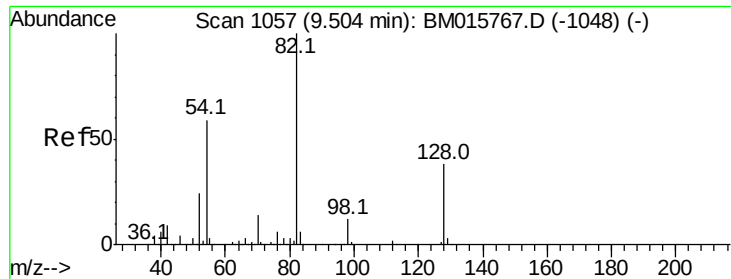
Sohil
7/9/2018 1:55:51 PM



#22
Acetophenone
Concen: 47.998 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.9	0.6	1.0	
51	36.3	21.6	32.4#	
120	21.8	16.1	24.1	





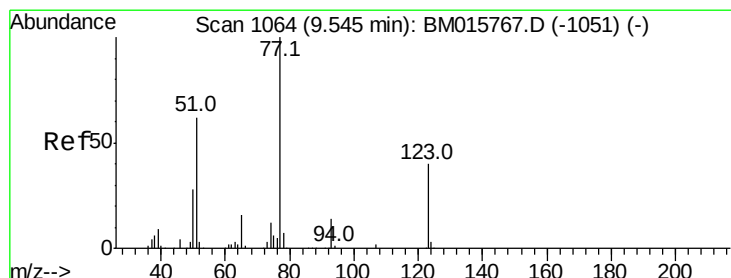
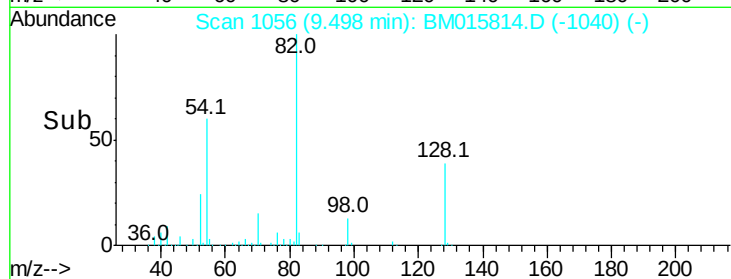
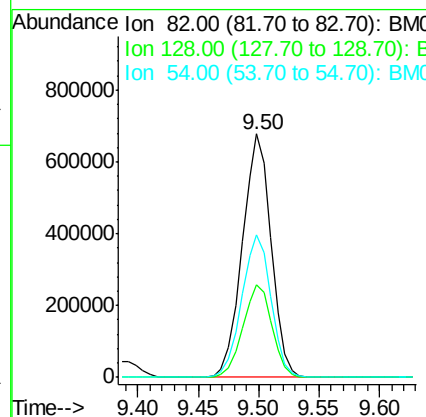
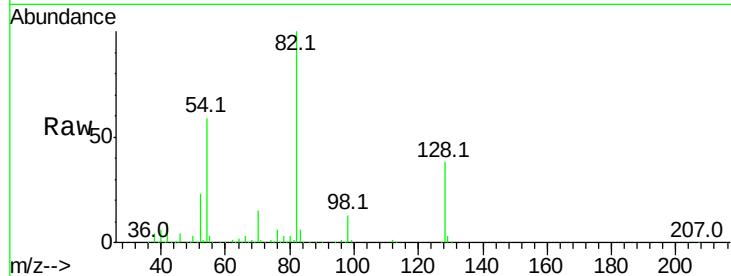
#23
 Nitrobenzene-d5
 Concen: 47.998 ng
 RT: 9.50 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.8	32.8	49.2
54	58.5	40.6	60.8

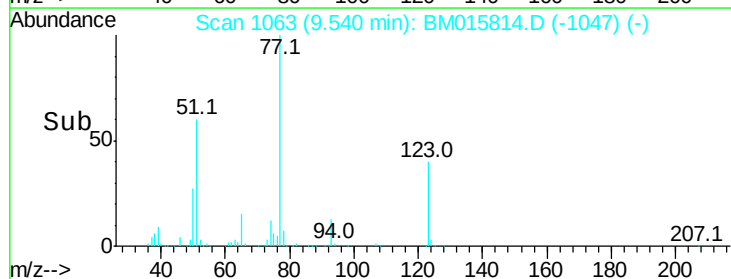
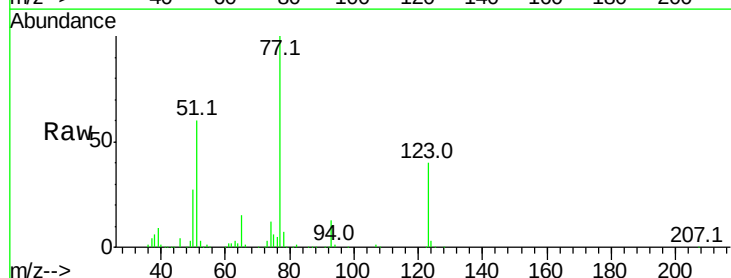
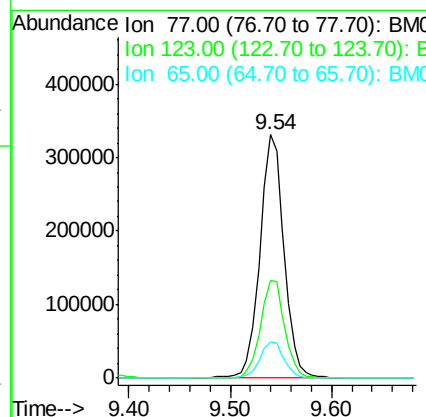
Manual Integrations
 APPROVED

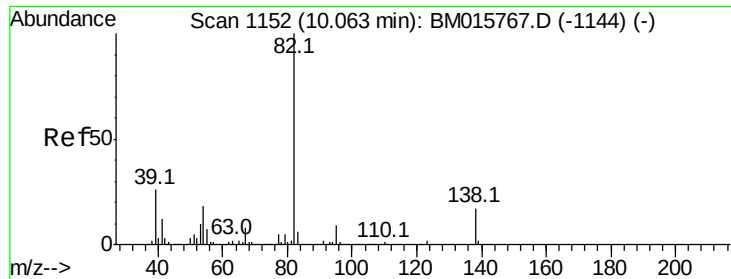
Sohil
 7/9/2018 1:55:51 PM



#24
 Nitrobenzene
 Concen: 51.289 ng
 RT: 9.54 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.1	32.6	49.0
65	15.0	10.9	16.3





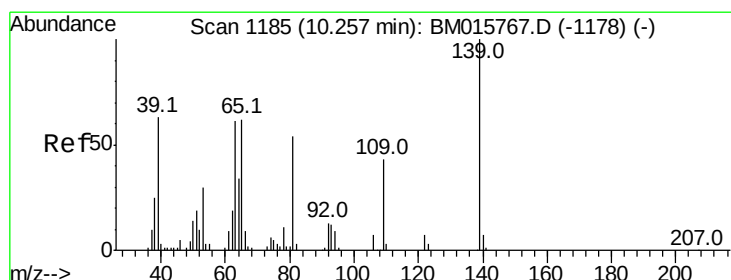
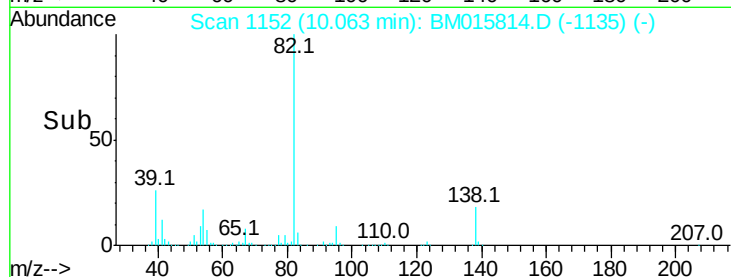
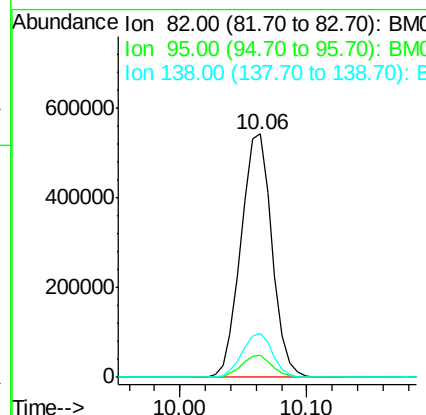
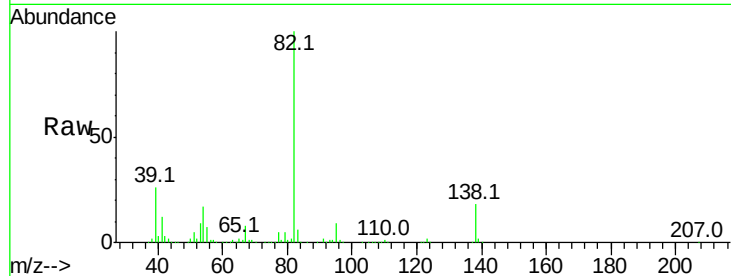
#25
Isophorone
Concen: 54.998 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.2	5.8	8.6#	
138	18.0	16.3	24.5	

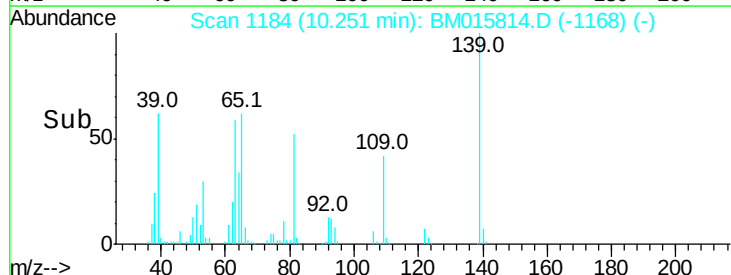
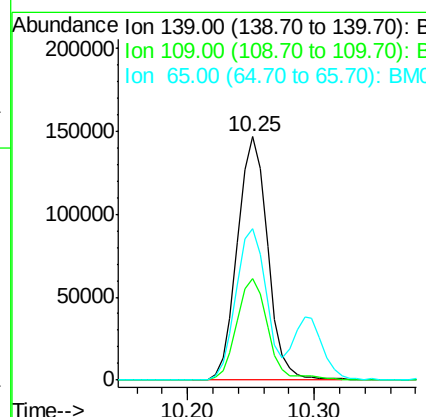
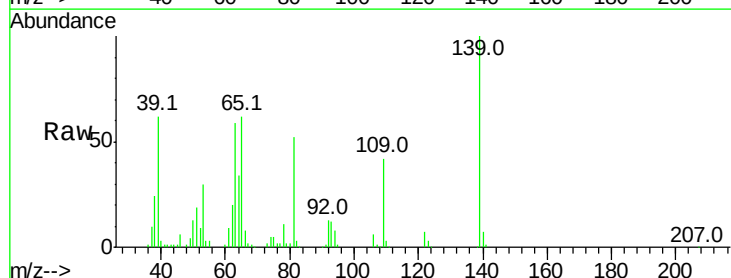
Manual Integrations
APPROVED

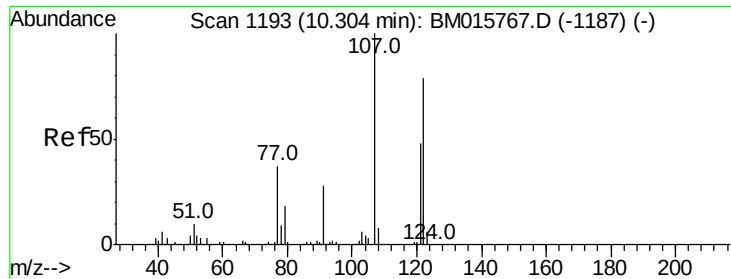
Sohil
7/9/2018 1:55:51 PM



#26
2-Nitrophenol
Concen: 52.933 ng
RT: 10.25 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	41.9	20.1	30.1#	
65	62.3	31.5	47.3#	





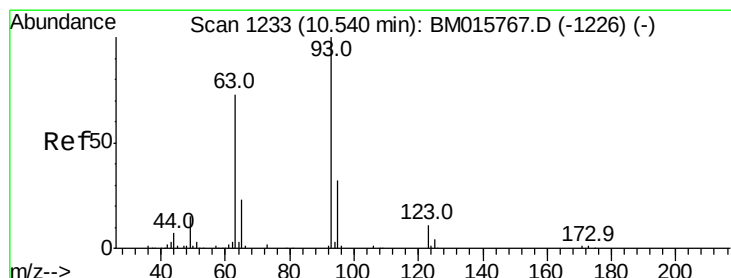
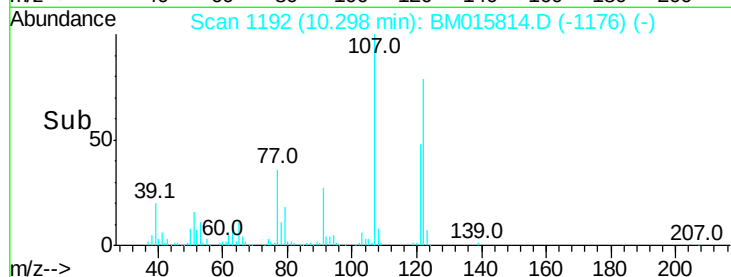
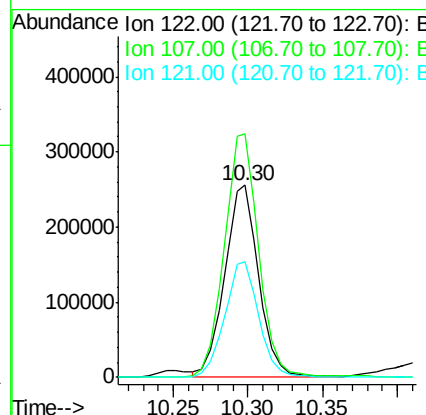
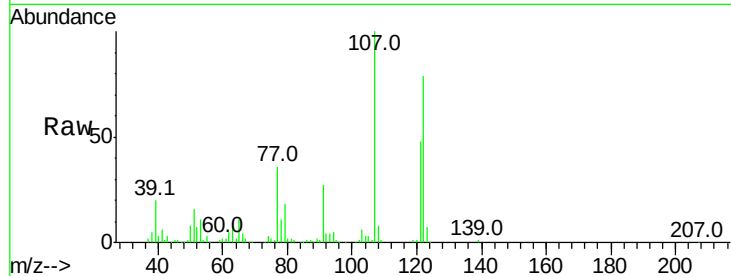
#27
 2,4-Dimethylphenol
 Concen: 57.859 ng
 RT: 10.30 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.9	84.7	127.1
121	60.4	46.6	69.8

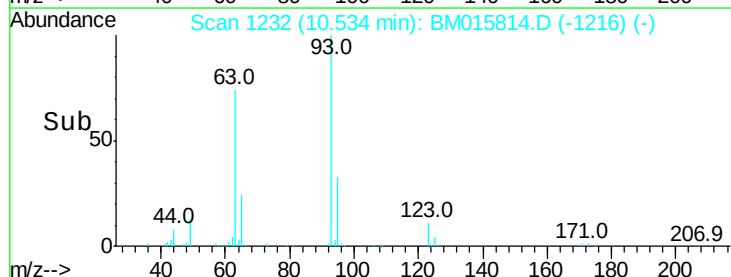
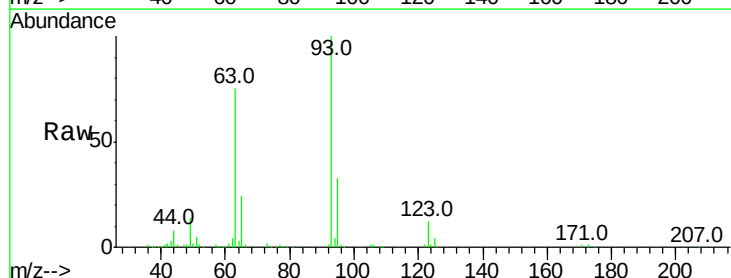
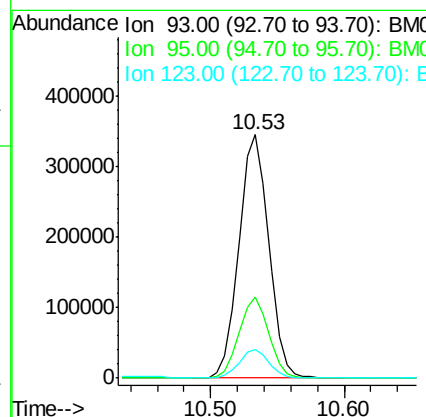
Manual Integrations
 APPROVED

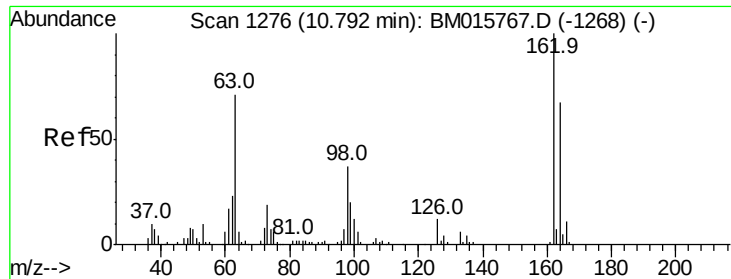
Sohil
 7/9/2018 1:55:51 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.125 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.5	38.3
123	11.8	8.6	13.0





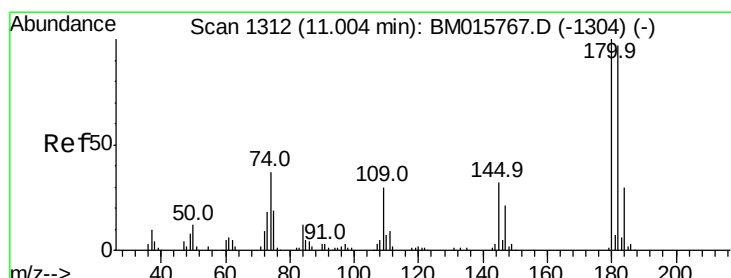
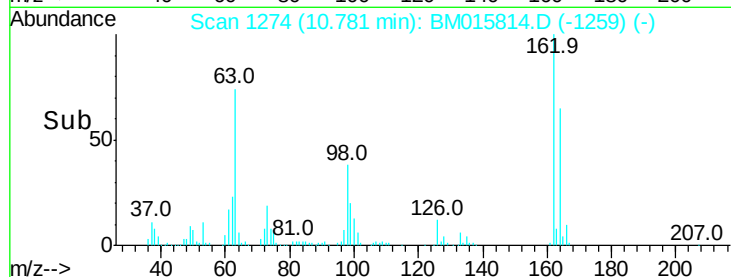
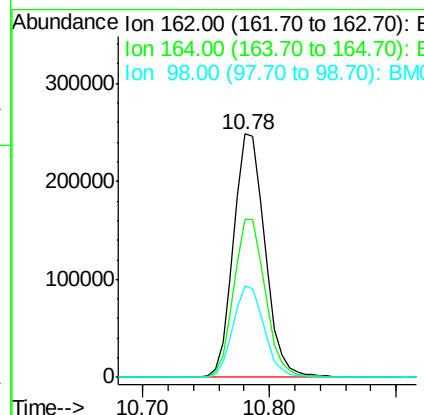
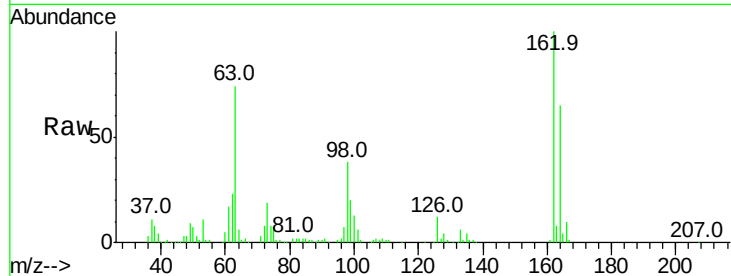
#29
2,4-Dichlorophenol
Concen: 55.171 ng
RT: 10.78 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	426311		
164	64.6	42.8	82.8	
98	37.5	14.5	54.5	

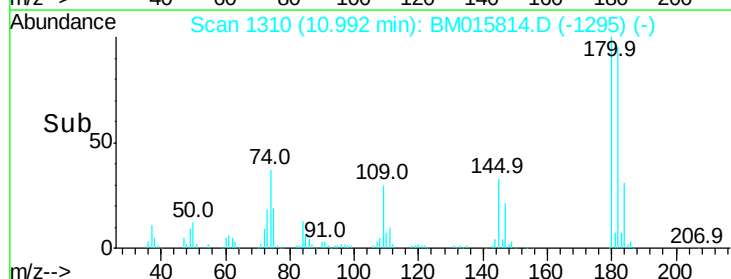
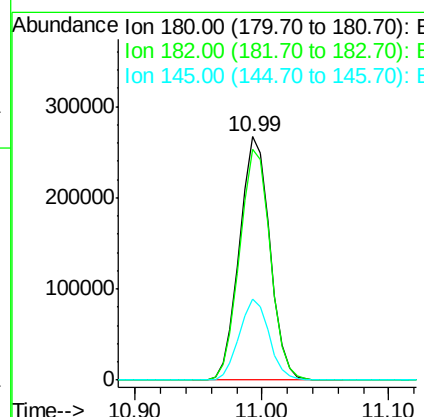
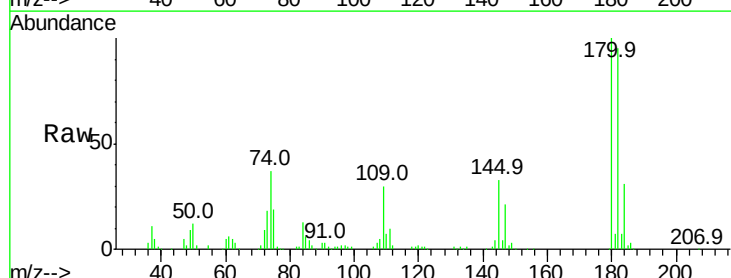
Manual Integrations
APPROVED

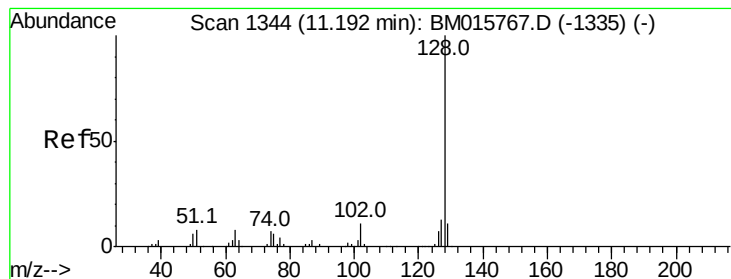
Sohil
7/9/2018 1:55:51 PM



#30
1,2,4-Trichlorobenzene
Concen: 49.228 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	441816		
182	95.0	77.6	116.4	
145	33.3	23.4	35.2	





#31

Naphthalene

Concen: 49.096 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampled :

GF-02MSD

Tot Ion:128 Resp: 1360764

Ion Ratio Lower Upper

128 100

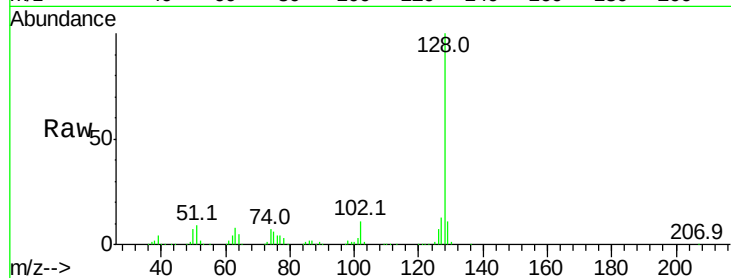
129 10.9 8.9 13.3

127 13.2 10.4 15.6

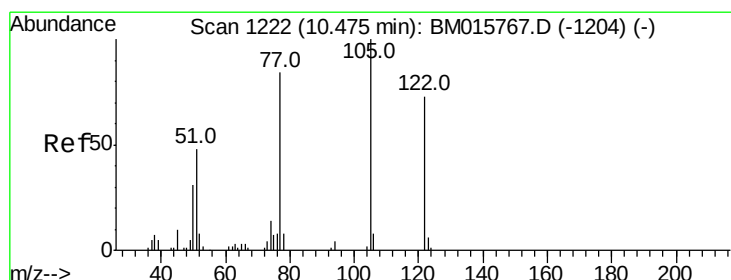
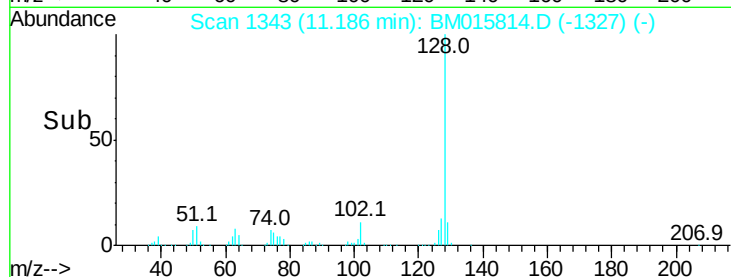
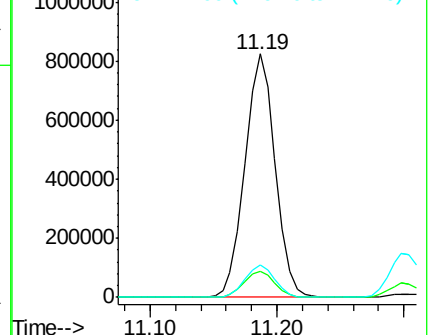
Manual Integrations
APPROVED

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



#32

Benzoic acid

Concen: 20.428 ng

RT: 10.45 min Scan# 1218

Delta R.T. -0.02 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

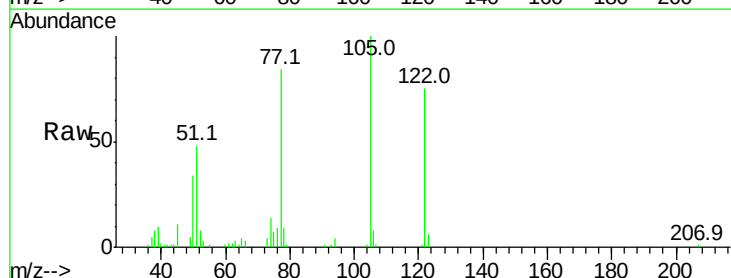
Tgt Ion:122 Resp: 126186

Ion Ratio Lower Upper

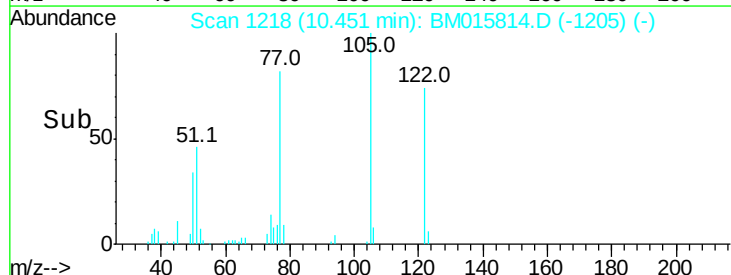
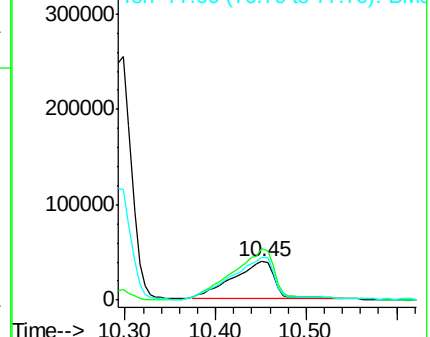
122 100

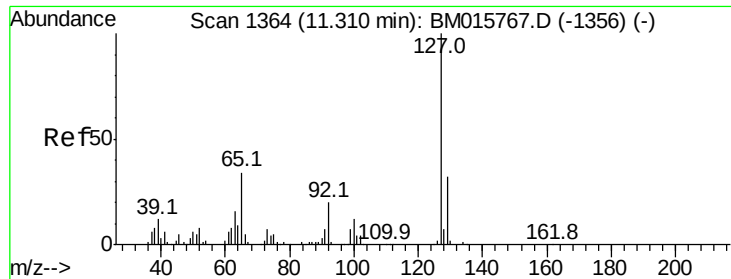
105 132.7 99.9 139.9

77 110.8 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





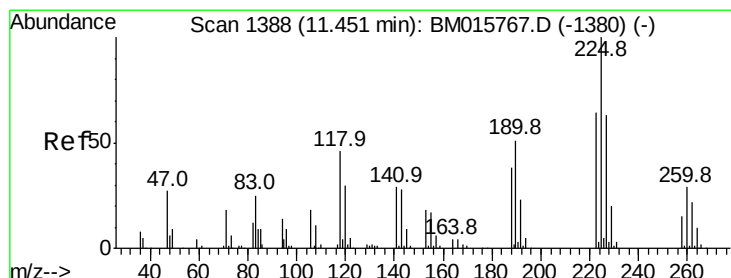
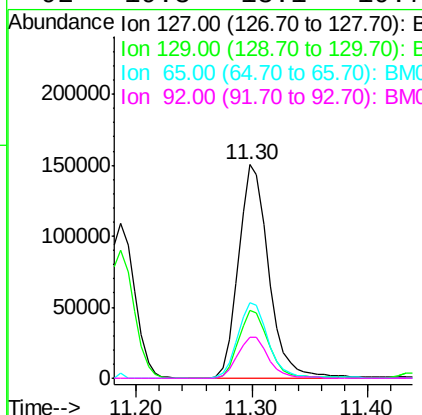
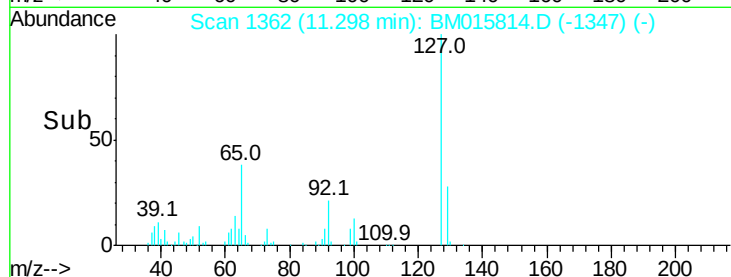
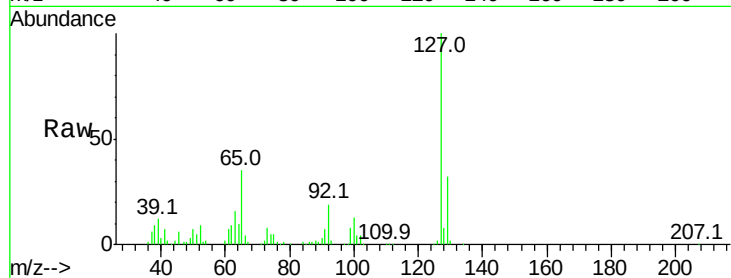
#33
4-Chloroaniline
Concen: 24.155 ng
RT: 11.30 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	25.3	37.9	
65	35.2	17.6	26.4	
92	19.3	13.1	19.7	

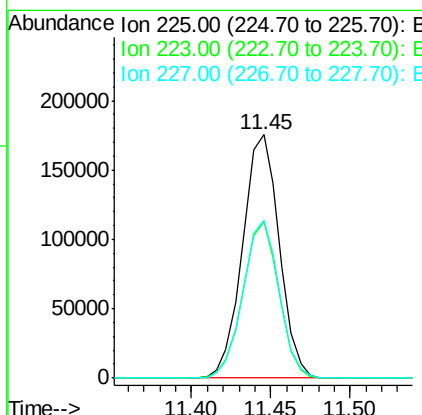
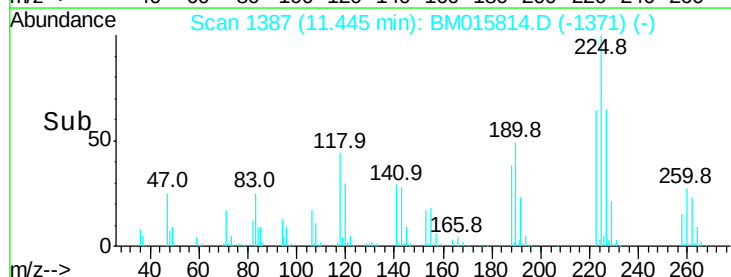
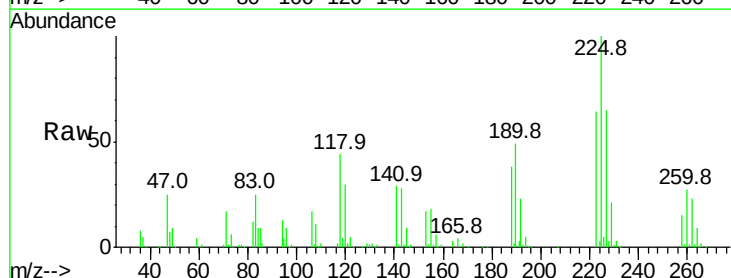
Manual Integrations
APPROVED

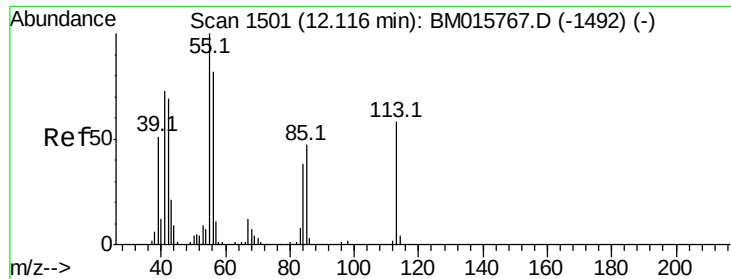
Sohil
7/9/2018 1:55:51 PM



#34
Hexachlorobutadiene
Concen: 47.003 ng
RT: 11.45 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	47.9	71.9	
227	64.7	50.1	75.1	





#35

Caprolactam

Concen: 45.313 ng/mL

RT: 12.11 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

Tot Ion:113 Resp: 116120

Ion Ratio Lower Upper

113 100

55 174.7 145.9 185.9

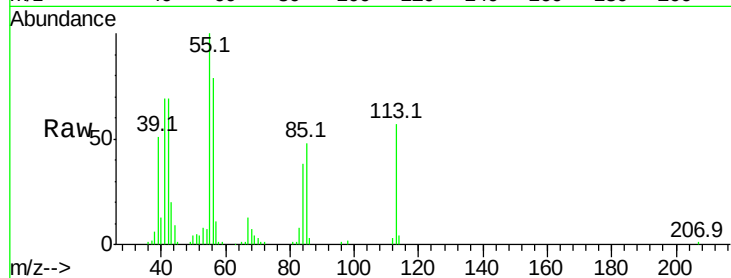
56 138.4 101.0 141.0

Manual Integrations

APPROVED

Sohil

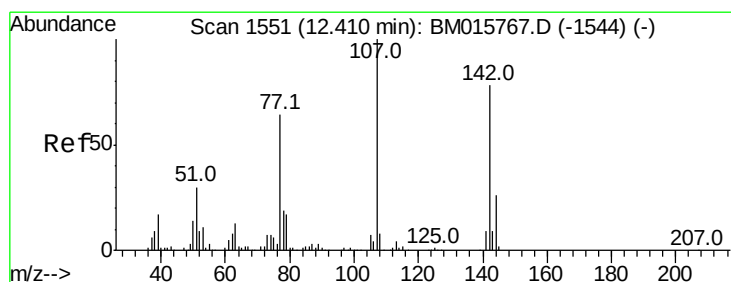
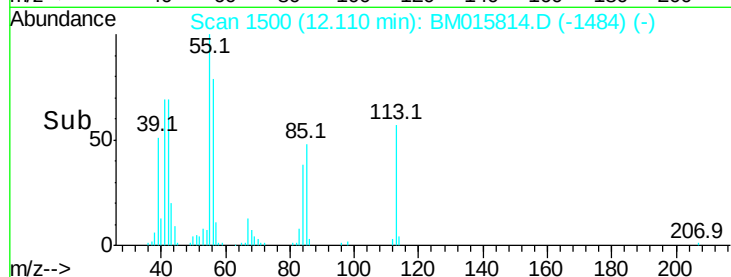
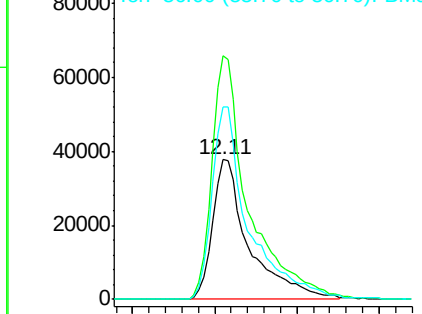
7/9/2018 1:55:51 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM015767.D (-1492) (-)

Ion 56.00 (55.70 to 56.70): BM015767.D (-1492) (-)



#36

4-Chloro-3-methylphenol

Concen: 51.734 ng/mL

RT: 12.41 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

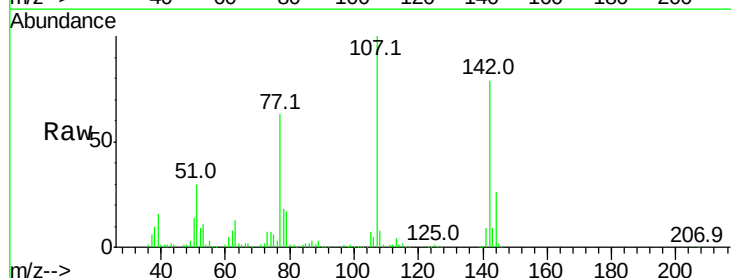
Tgt Ion:107 Resp: 458687

Ion Ratio Lower Upper

107 100

144 26.0 23.3 34.9

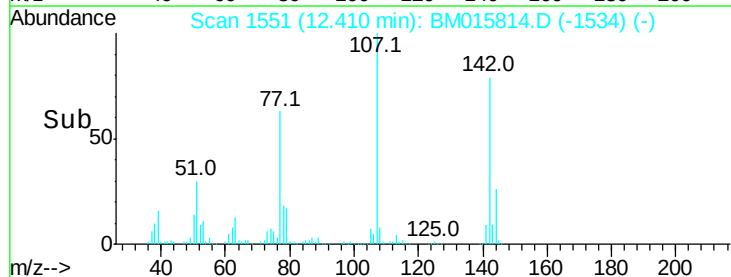
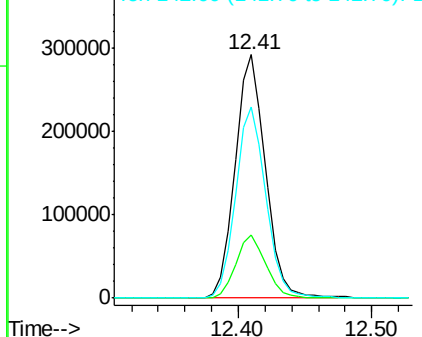
142 78.7 72.6 109.0

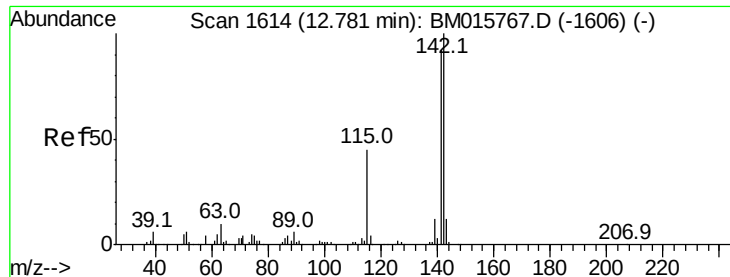


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





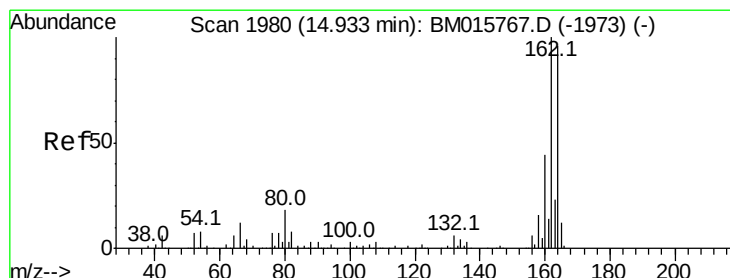
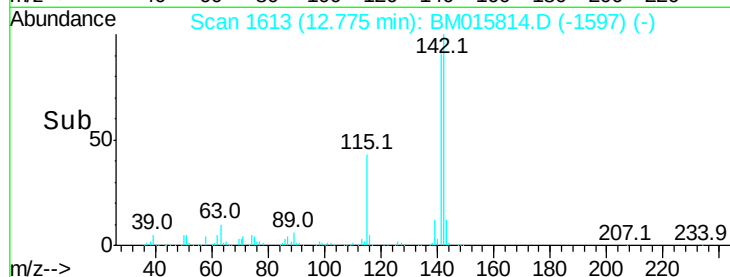
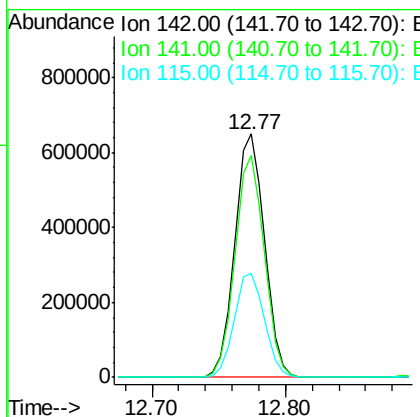
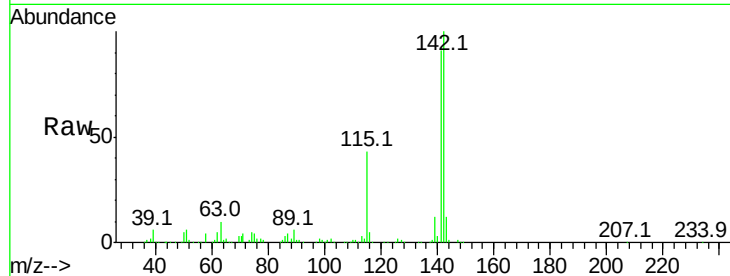
#37
2-Methylnaphthalene
Concen: 50.926 ng
RT: 12.77 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tot Ion:142 Resp: 1004068
Ion Ratio Lower Upper
142 100
141 91.3 71.9 107.9
115 42.7 25.4 38.0#

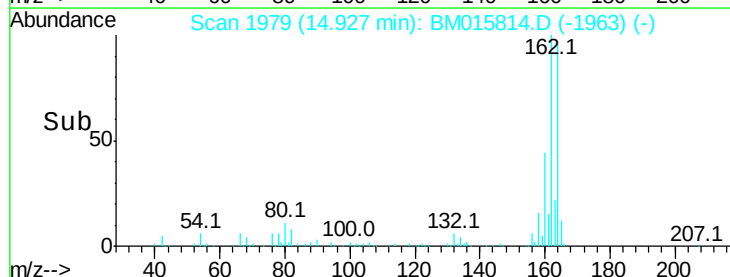
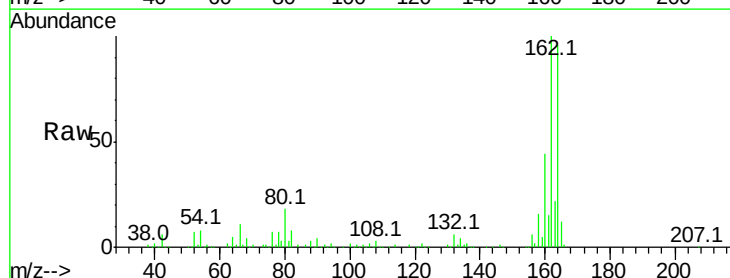
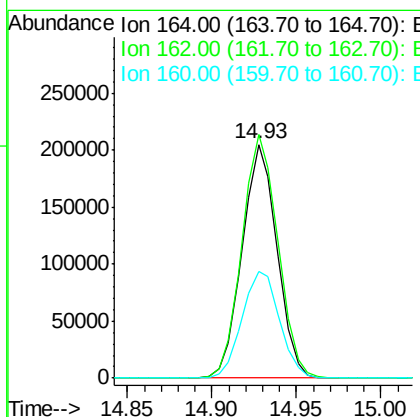
Manual Integrations
APPROVED

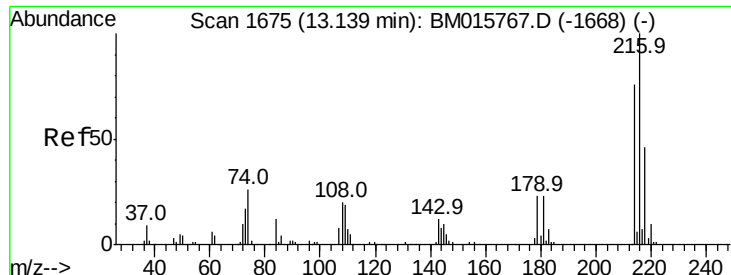
Sohil
7/9/2018 1:55:51 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.93 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion:164 Resp: 294812
Ion Ratio Lower Upper
164 100
162 104.1 82.4 123.6
160 45.7 35.8 53.6





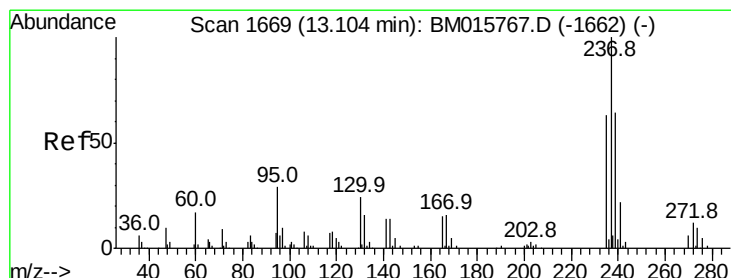
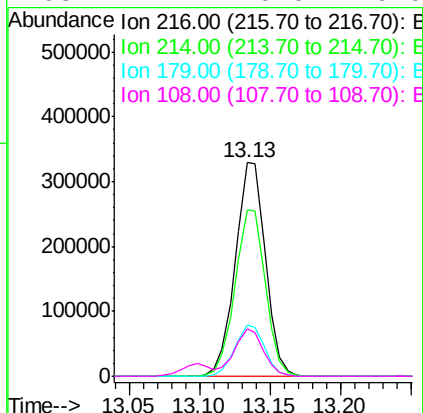
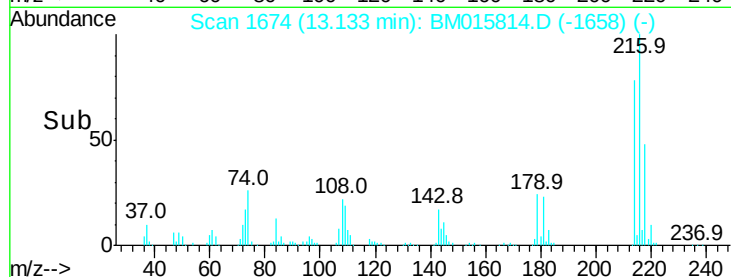
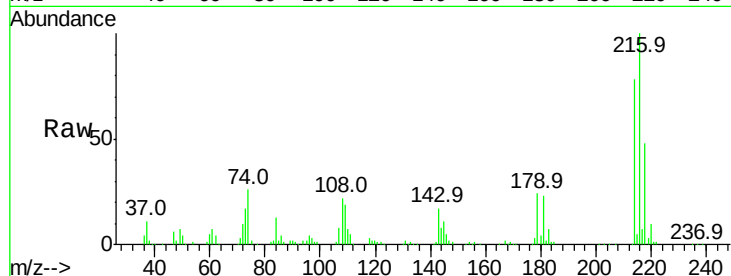
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.820 ng
 RT: 13.13 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Instrument :
 BNA_M
 ClientSampled :
 GF-02MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.5	0.0	0.0#
179	23.5	0.0	0.0#
108	21.4	0.0	0.0#

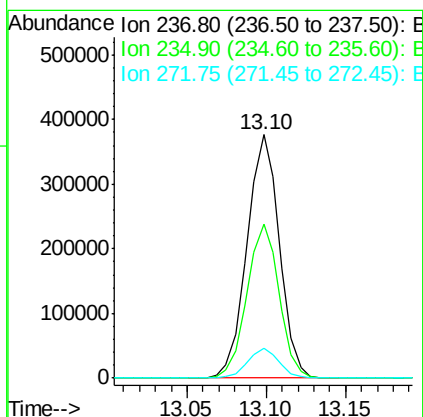
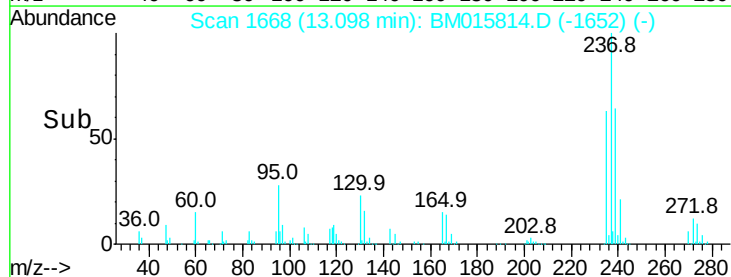
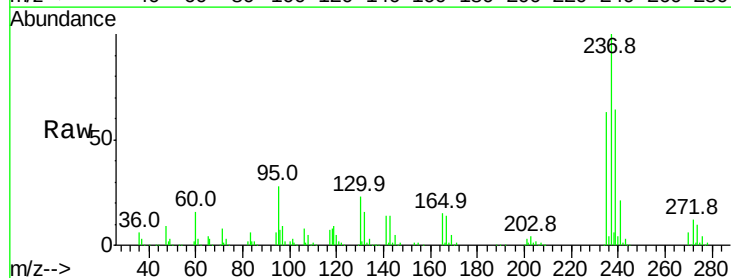
Manual Integrations
 APPROVED

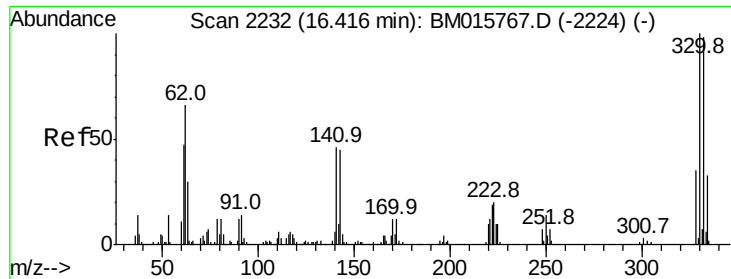
Sohil
 7/9/2018 1:55:51 PM



#40
 Hexachlorocyclopentadiene
 Concen: 116.013 ng
 RT: 13.10 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	42.0	82.0
272	12.1	0.0	33.4





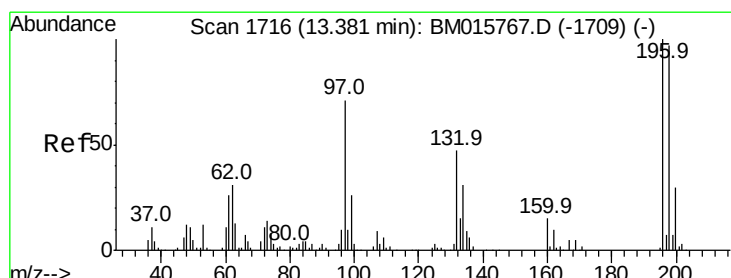
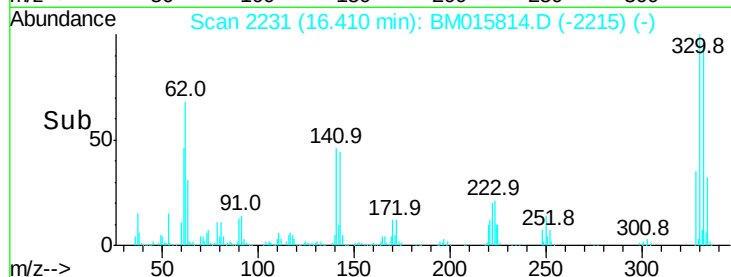
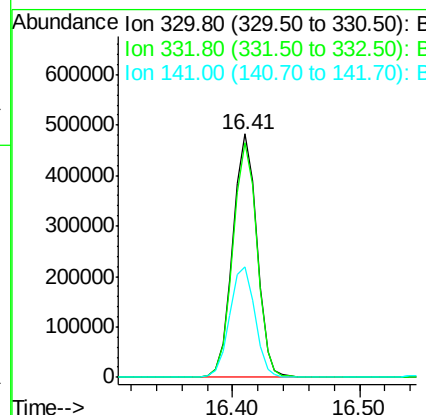
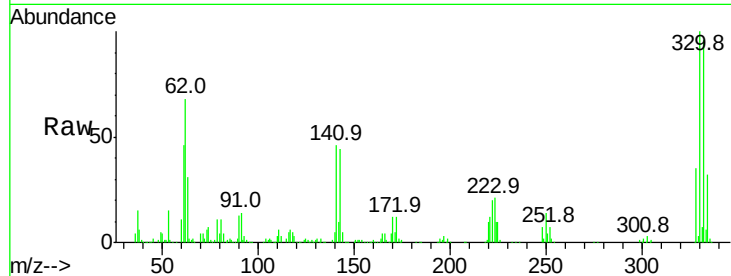
#41
 2,4,6-Tribromophenol
 Concen: 116.013 ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	632151		
332	96.5	0.0	0.0	0.0
141	47.8	0.0	0.0	0.0

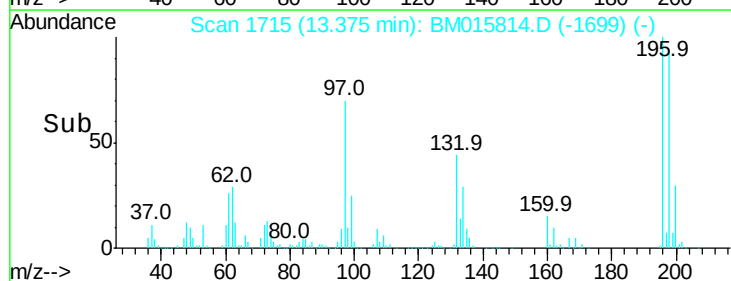
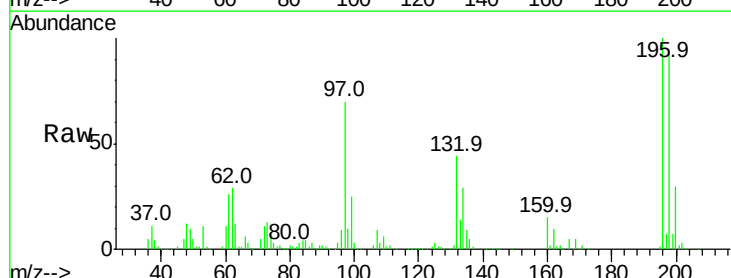
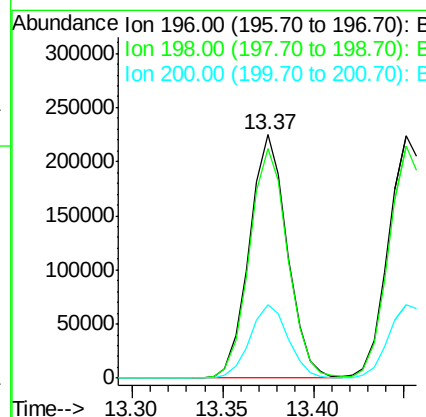
Manual Integrations
 APPROVED

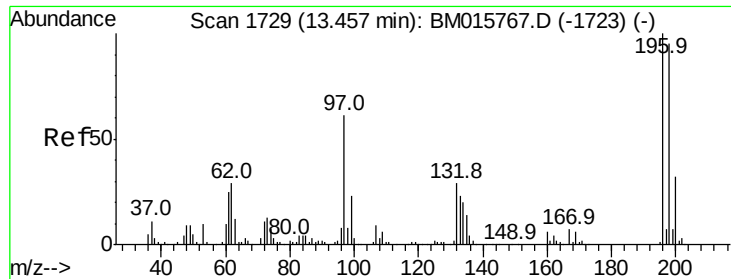
Sohil
 7/9/2018 1:55:51 PM



#42
 2,4,6-Trichlorophenol
 Concen: 54.660 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	326929		
198	94.4	76.3	114.5	
200	30.3	25.6	38.4	





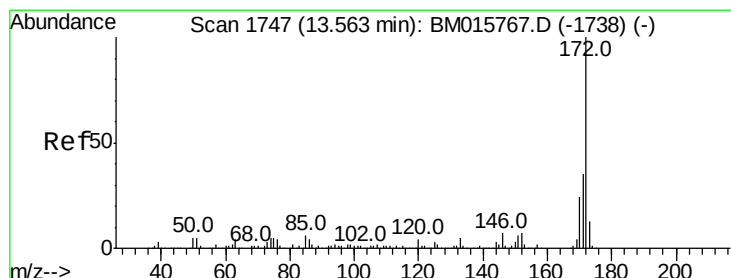
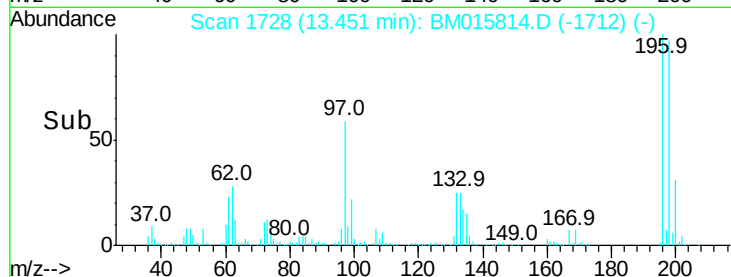
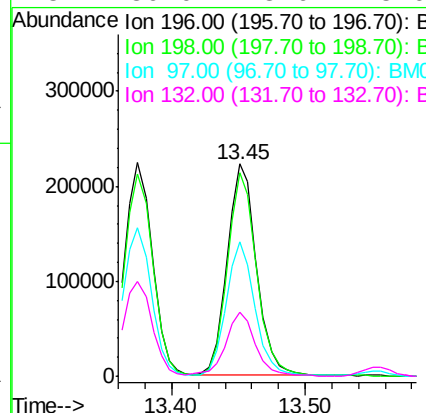
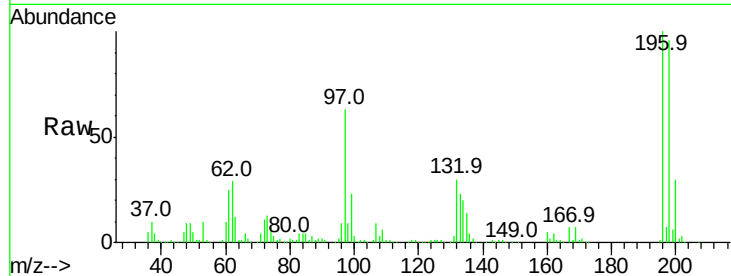
#43
 2,4,5-Trichlorophenol
 Concen: 53.112 ng
 RT: 13.45 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Instrument :
 BNA_M
 ClientSampled :
 GF-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	343162		
198	96.1	79.4	119.0	
97	63.1	26.8	40.2	#
132	30.0	18.6	28.0	#

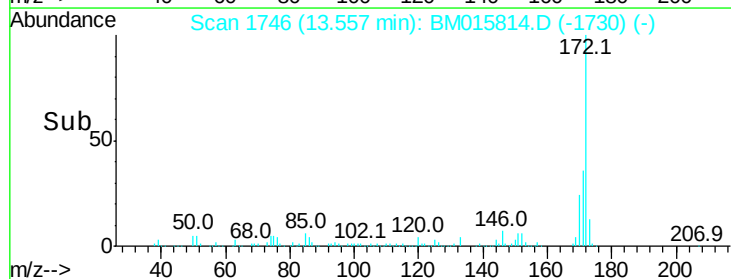
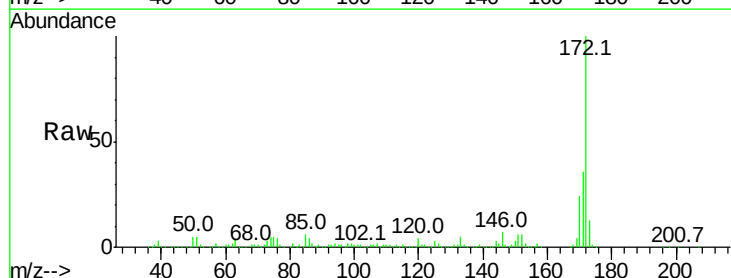
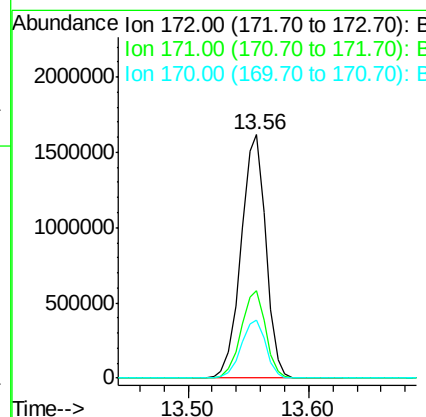
Manual Integrations
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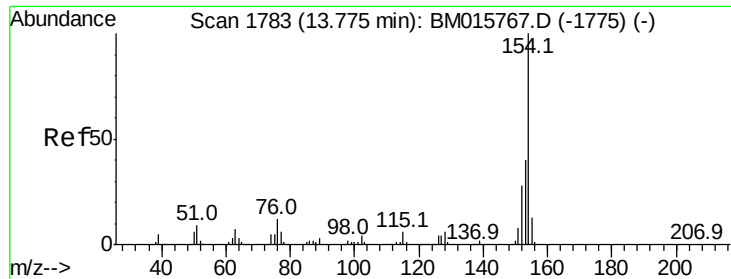
Sohil
 7/9/2018 1:55:51 PM



#44
 2-Fluorobiphenyl
 Concen: 53.112 ng
 RT: 13.56 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2310574		
171	35.9	28.5	42.7	
170	23.8	18.8	28.2	





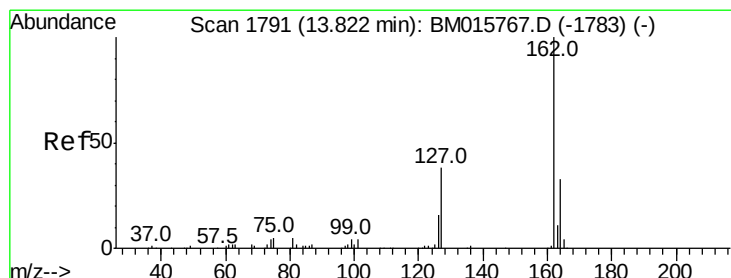
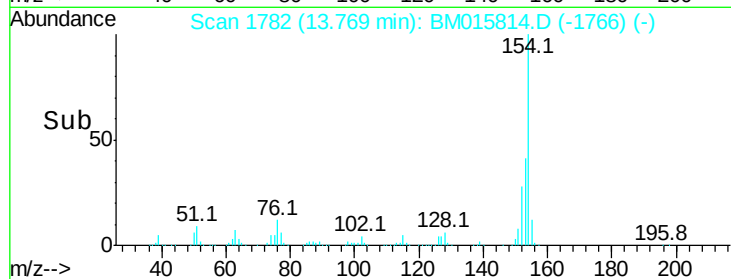
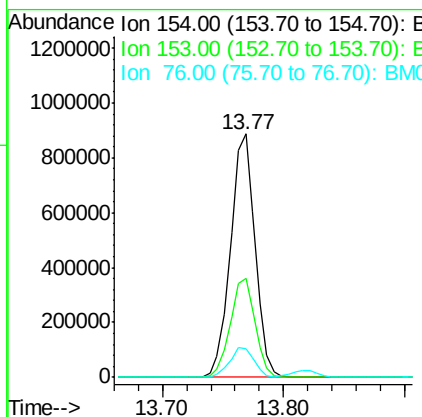
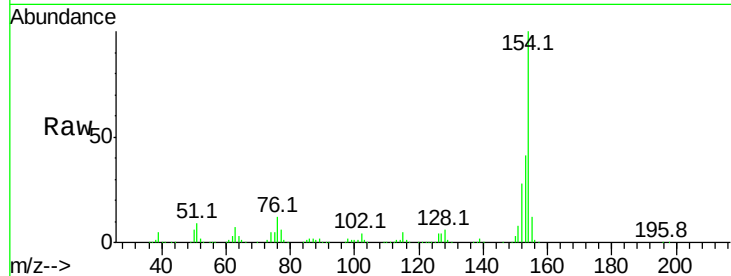
#45
 1,1'-Biphenyl
 Concen: 49.154 ng
 RT: 13.77 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.7	60.7
76	11.9	0.0	30.9

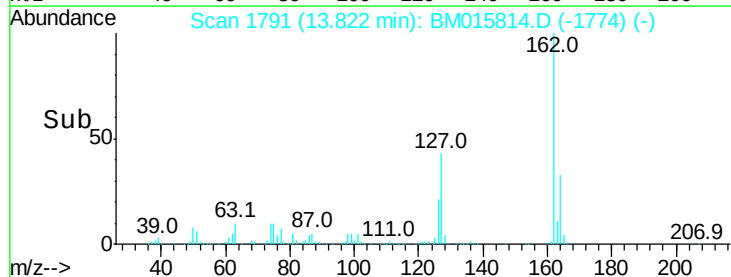
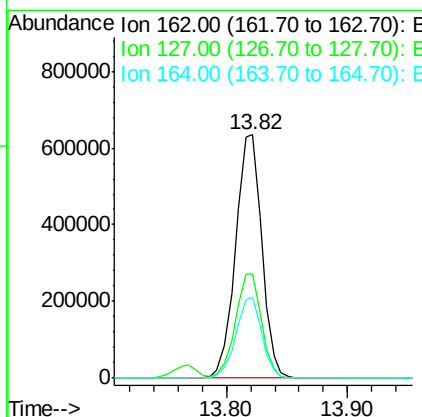
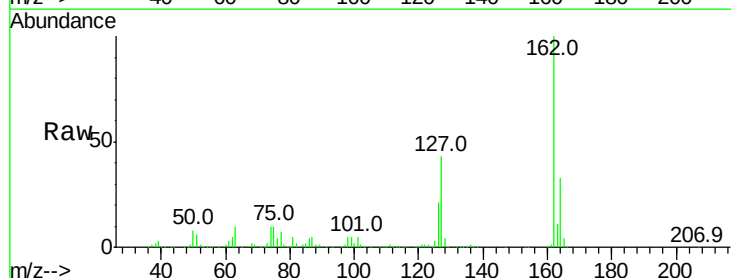
Manual Integrations
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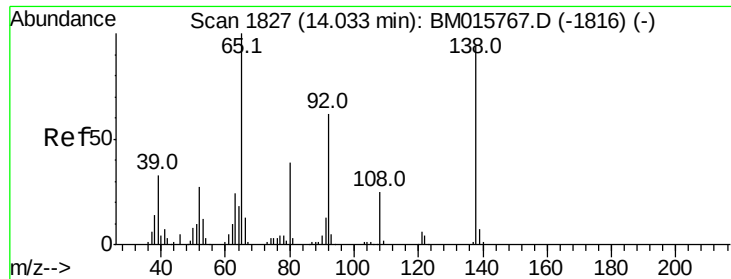
Sohil
 7/9/2018 1:55:51 PM



#46
 2-Chloronaphthalene
 Concen: 50.554 ng
 RT: 13.82 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.5	26.9	40.3#
164	33.1	26.8	40.2





#47

2-Nitroaniline

Concen: 49.249 ng

RT: 14.03 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

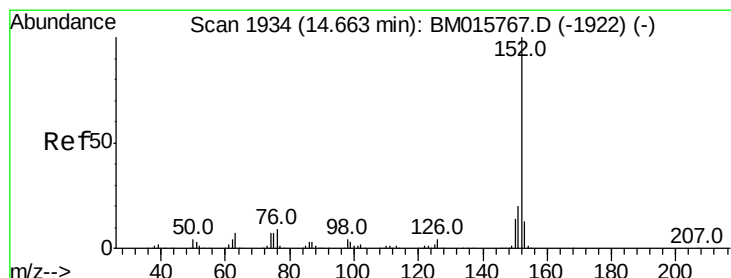
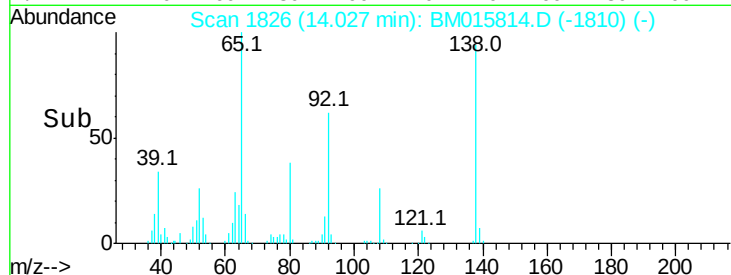
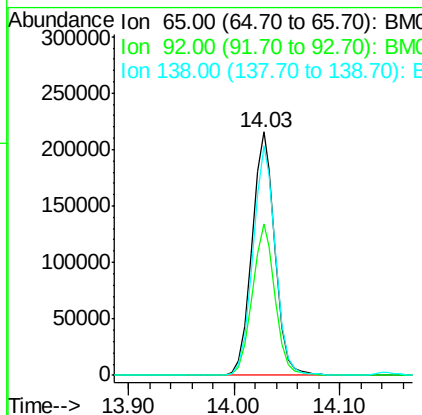
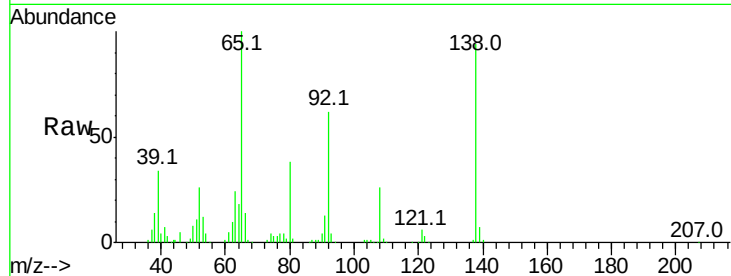
ClientSampled :

GF-02MSD

Tot Ion:	65	Resp:	327304
Ion Ratio	Lower	Upper	
65	100		
92	62.2	59.1	88.7
138	94.4	93.9	140.9

Manual Integrations
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7/9/2018 1:55:51 PM



#48

Acenaphthylene

Concen: 49.808 ng

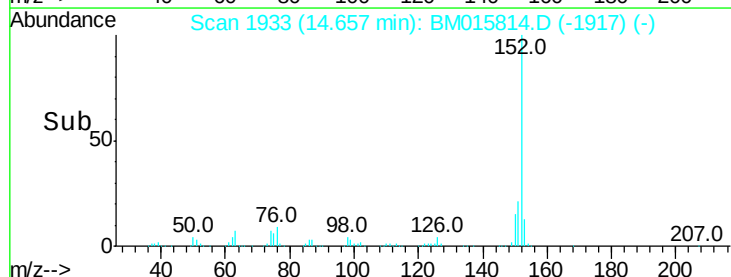
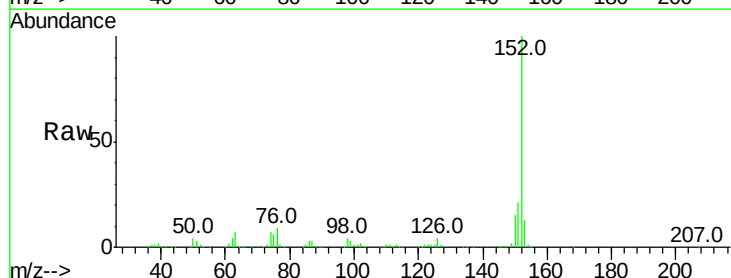
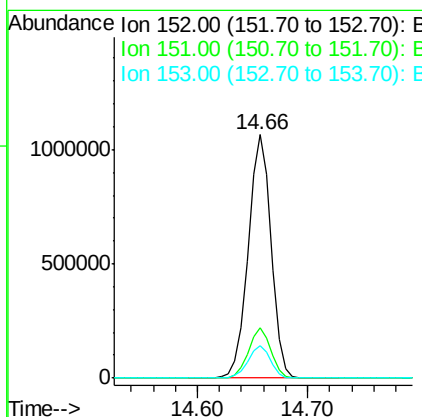
RT: 14.66 min Scan# 1933

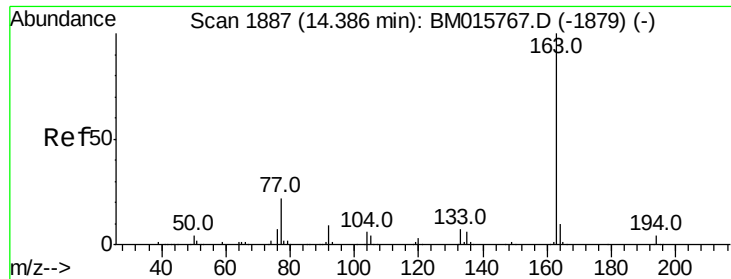
Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Tgt Ion:	152	Resp:	1544179
Ion Ratio	Lower	Upper	
152	100		
151	20.7	15.9	23.9
153	13.3	10.6	16.0





#49

Dimethylphthalate

Concen: 63.602 ng

RT: 14.39 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

Tot Ion:163 Resp: 1653668

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

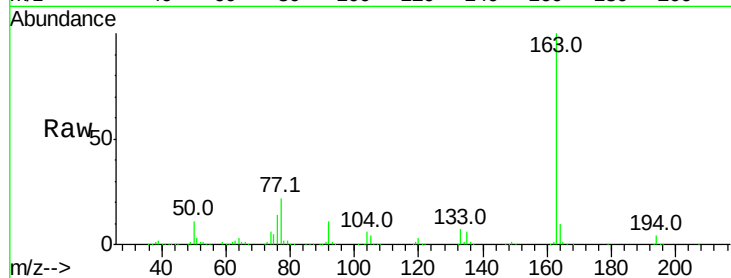
164 9.9 8.2 12.2

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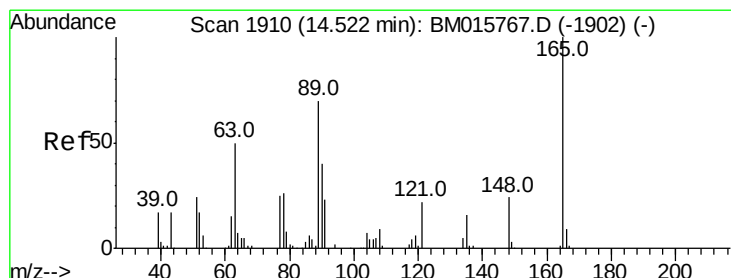
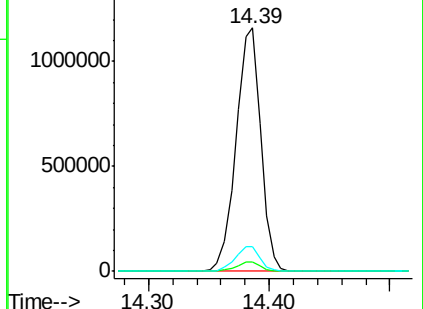
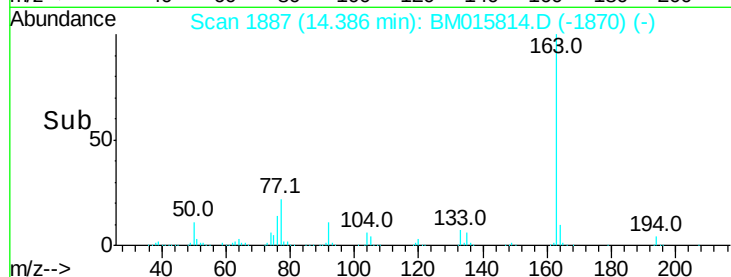
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.880 ng

RT: 14.52 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

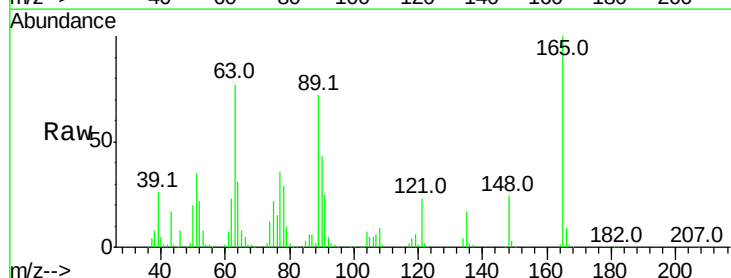
Tgt Ion:165 Resp: 257934

Ion Ratio Lower Upper

165 100

63 77.0 44.1 66.1#

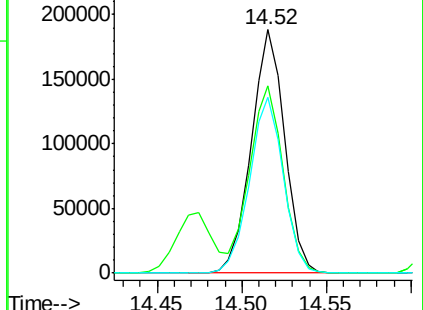
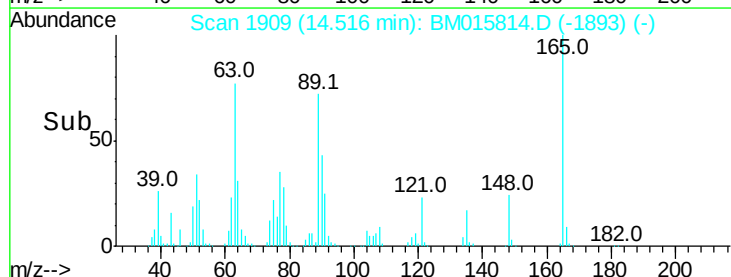
89 71.9 44.3 66.5#

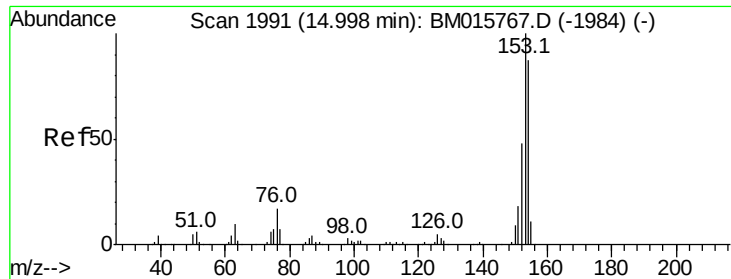


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 46.048 ng

RT: 14.99 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

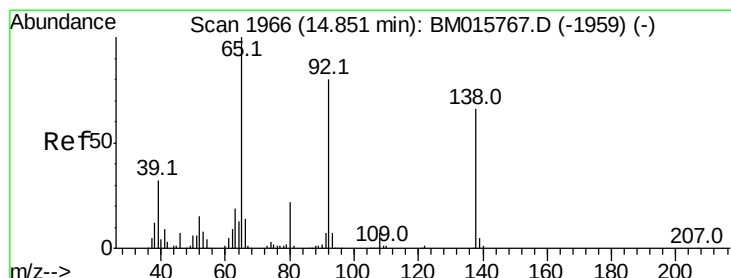
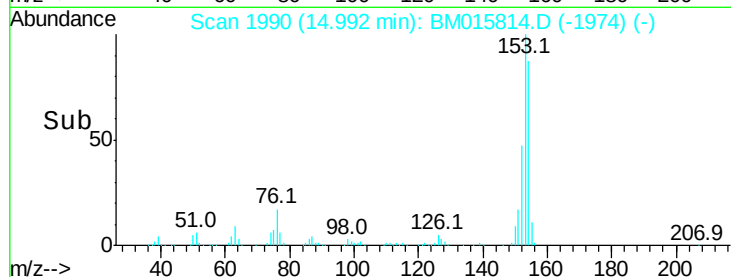
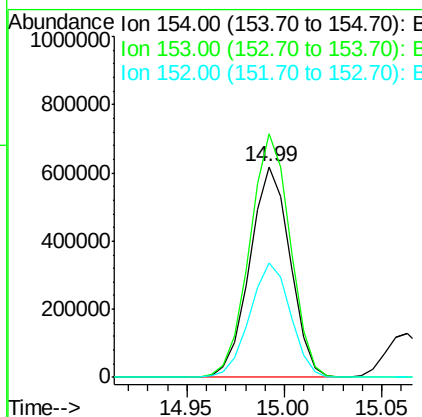
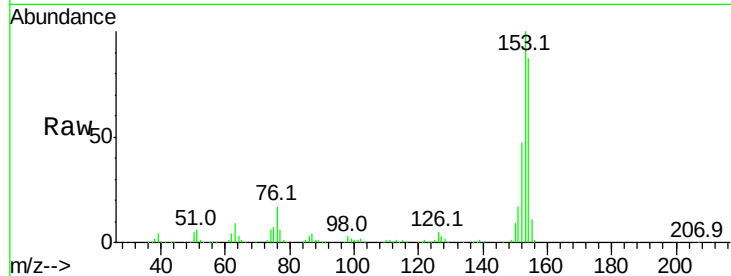
ClientSampled :

GF-02MSD

Tot Ion:	154	Resp:	888342
Ion Ratio	Lower	Upper	
154	100		
153	115.5	90.0	135.0
152	54.3	42.6	63.8

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#52

3-Nitroaniline

Concen: 30.439 ng

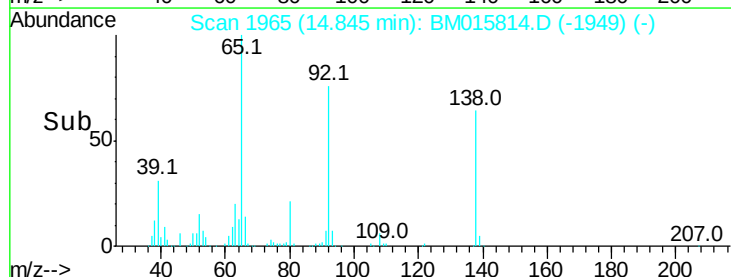
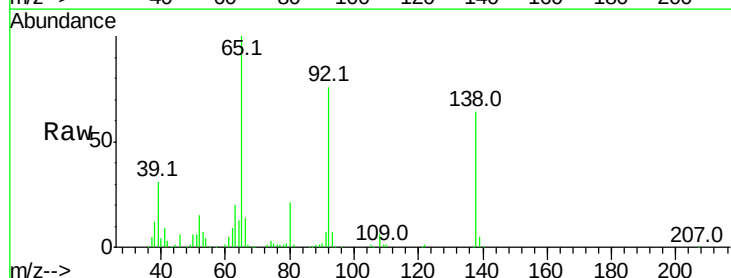
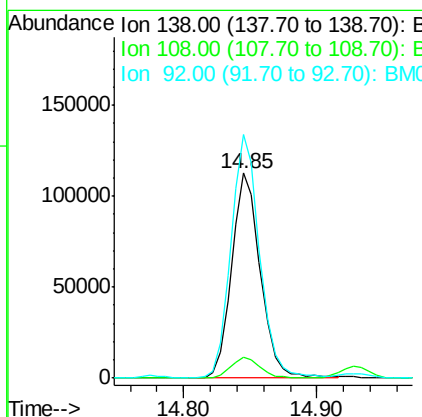
RT: 14.85 min Scan# 1965

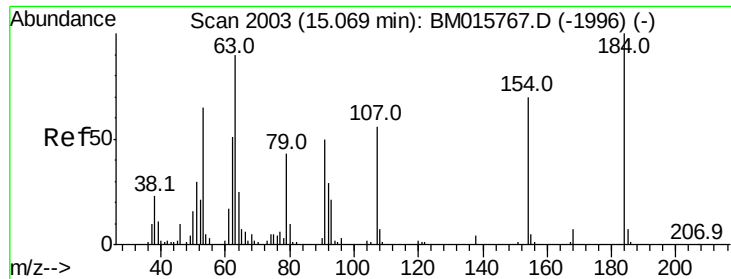
Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Tgt Ion:	138	Resp:	168899
Ion Ratio	Lower	Upper	
138	100		
108	10.0	7.3	10.9
92	119.0	76.6	114.8#





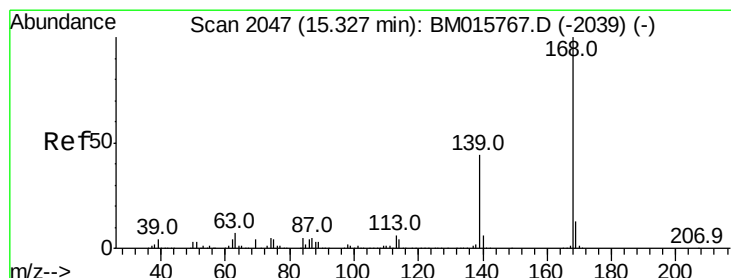
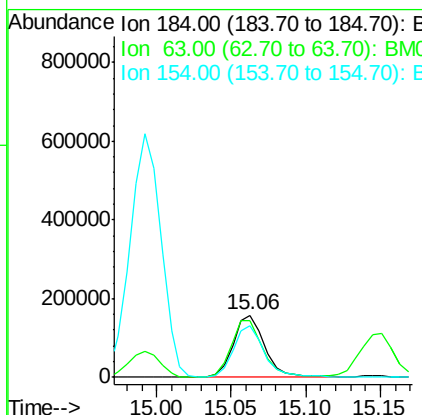
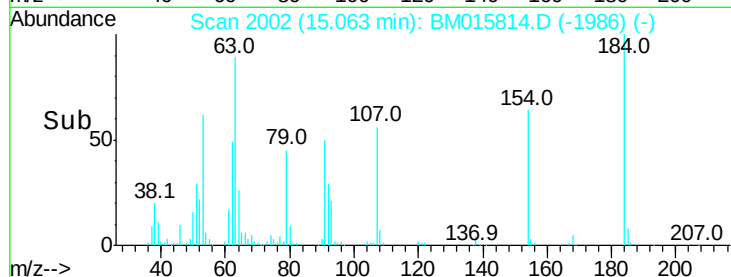
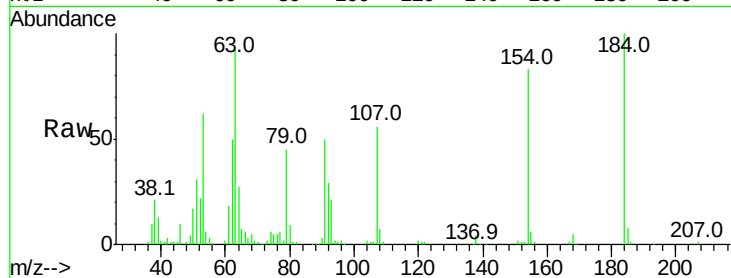
#53
2,4-Dinitrophenol
Concen: 90.634 ng
RT: 15.06 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampled :
GF-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	91.7	69.2	103.8	
154	82.7	53.3	79.9#	

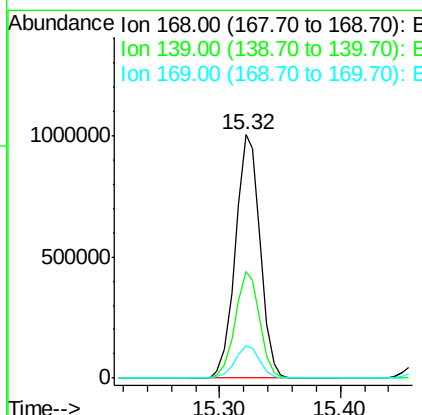
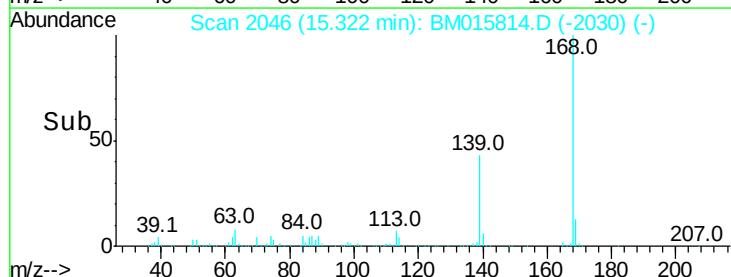
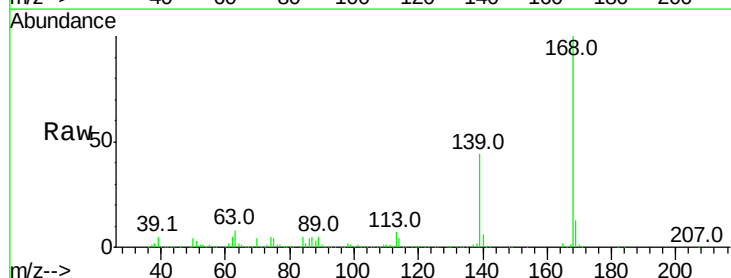
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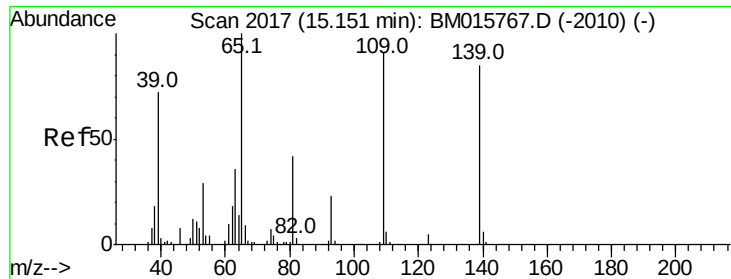
Sohil
7/9/2018 1:55:51 PM



#54
Dibenzofuran
Concen: 47.870 ng
RT: 15.32 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	43.7	27.3	40.9#	
169	13.4	10.6	16.0	





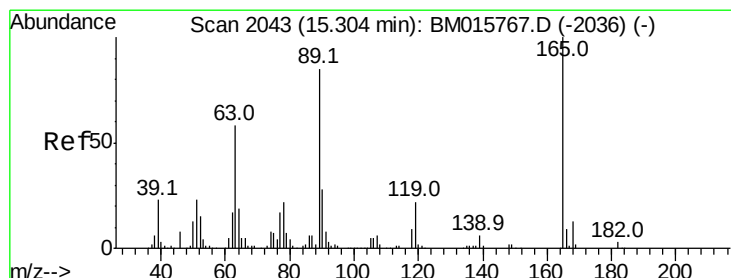
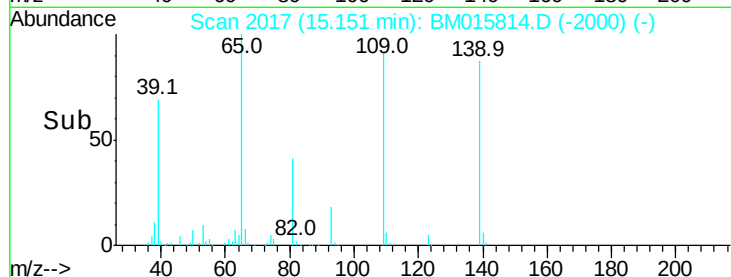
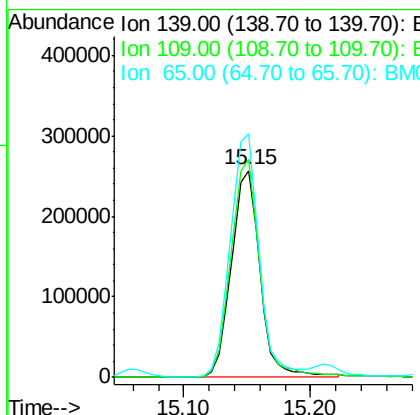
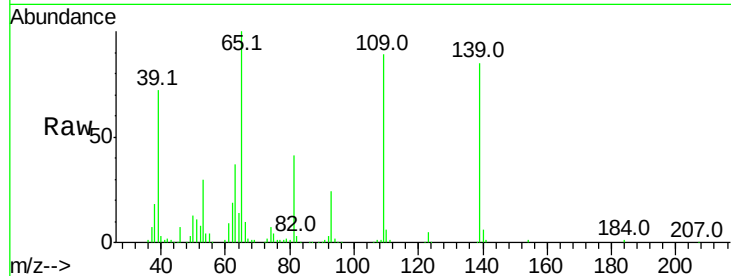
#55
4-Nitrophenol
Concen: 97.972 ng
RT: 15.15 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	105.3	130.0	170.0#	
65	117.7	130.0	170.0#	

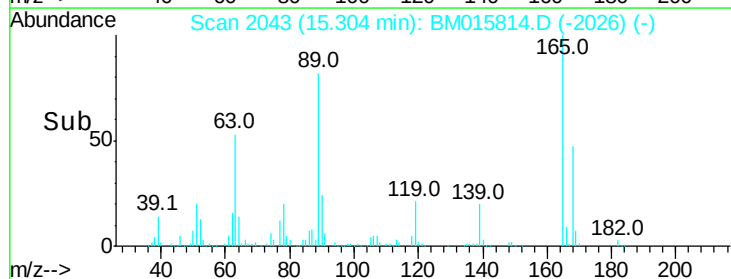
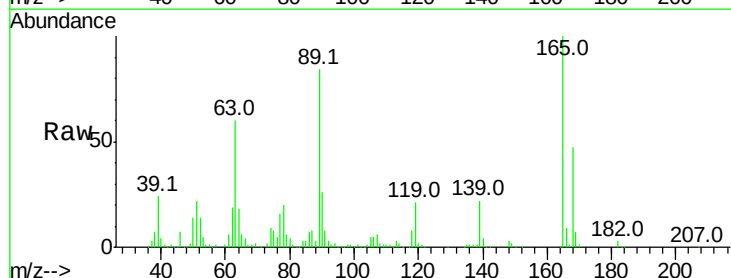
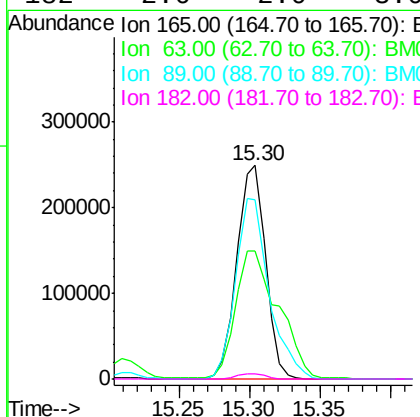
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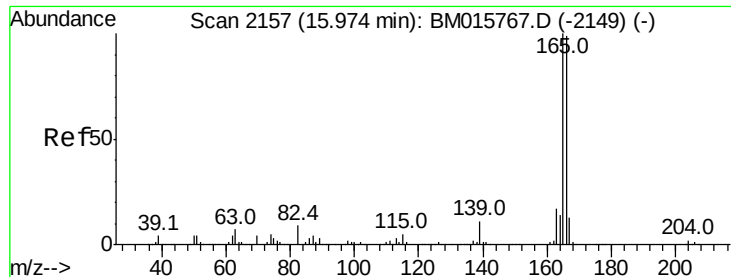
Sohil
7/9/2018 1:55:51 PM



#56
2,4-Dinitrotoluene
Concen: 48.521 ng
RT: 15.30 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.9	52.4	78.6	
89	83.9	72.4	108.6	
182	2.6	2.0	3.0	





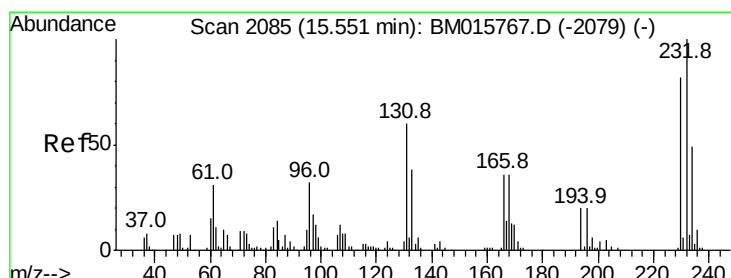
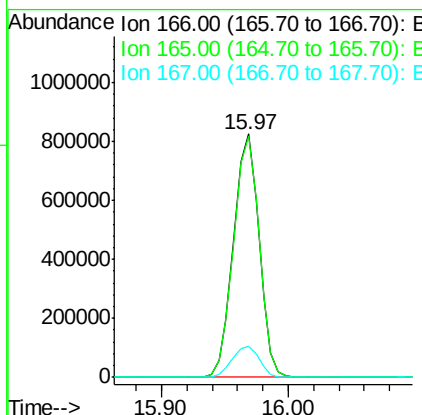
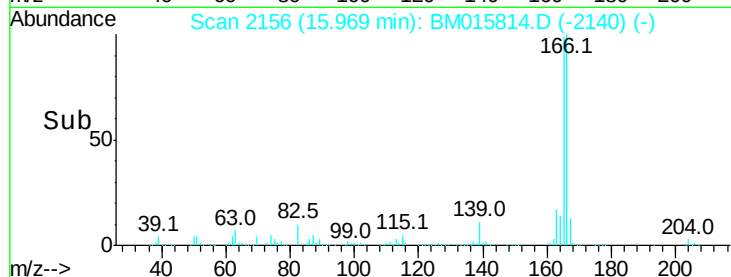
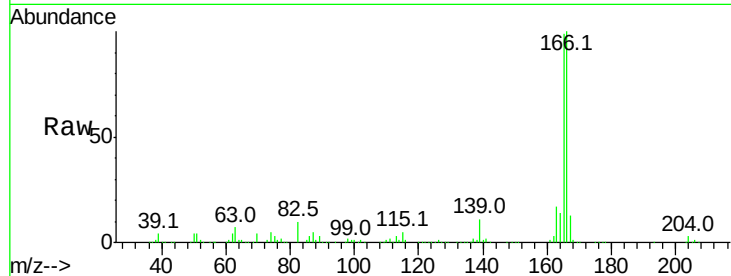
#57
 Fluorene
 Concen: 46.856 ng
 RT: 15.97 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Instrument :
 BNA_M
 ClientSampled :
 GF-02MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.0	118.4
167	12.8	10.3	15.5

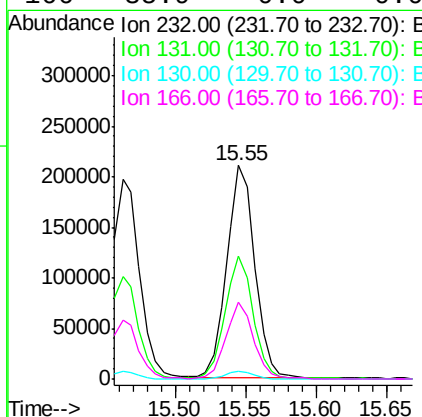
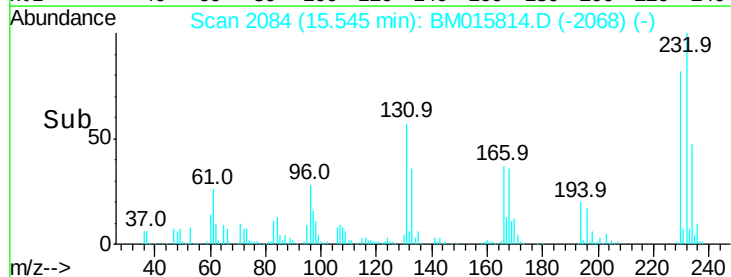
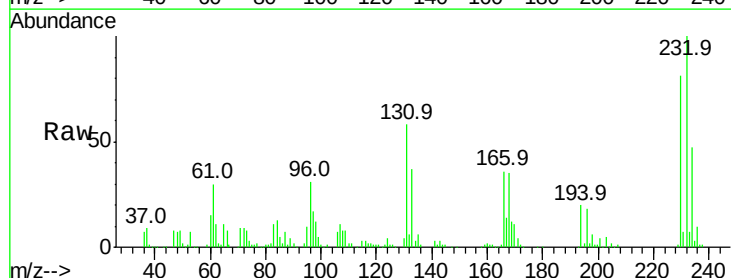
Manual Integrations
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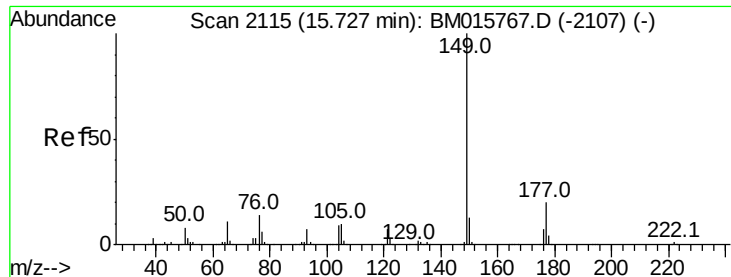
Sohil
 7/9/2018 1:55:51 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.235 ng
 RT: 15.55 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.0	0.0	0.0#
130	3.6	0.0	0.0#
166	35.9	0.0	0.0#





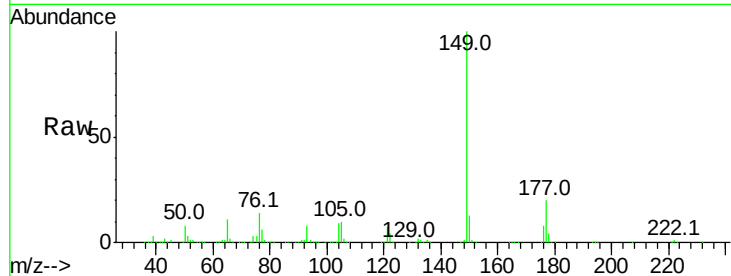
#59
Diethylphthalate
Concen: 45.400 ng
RT: 15.72 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.2	18.3	27.5
150	12.5	9.8	14.8

Manual Integrations
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7/9/2018 1:55:51 PM

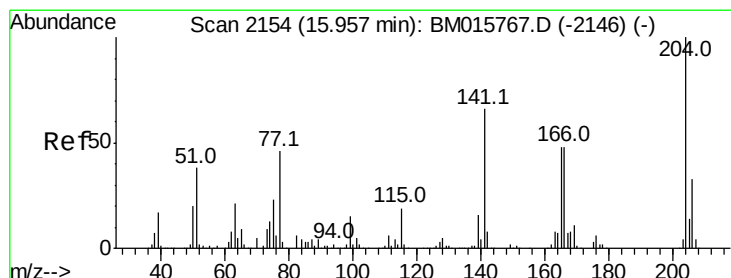
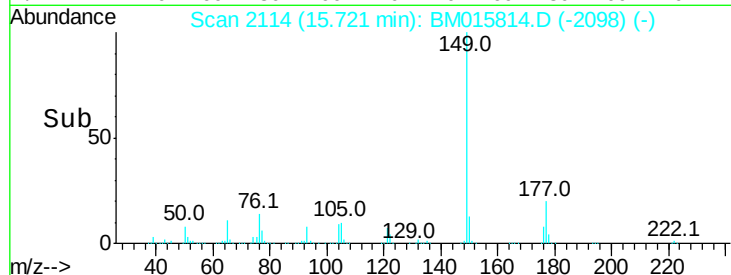
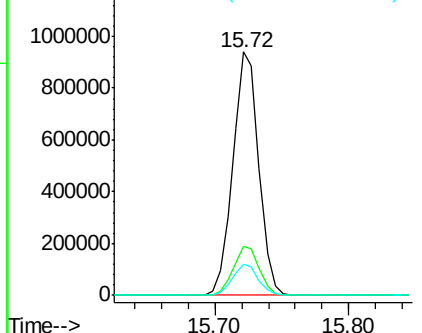


Abundance

Ion 149.00 (148.70 to 149.70): E

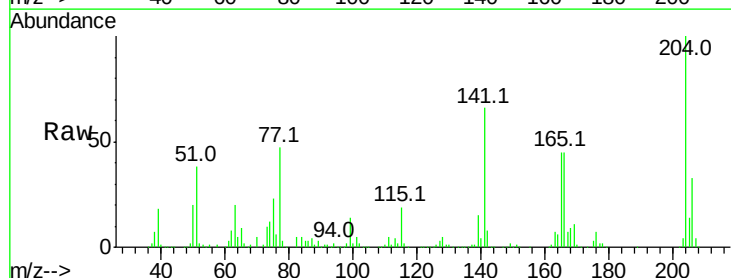
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 45.610 ng
RT: 15.95 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	66.4	45.2	67.8

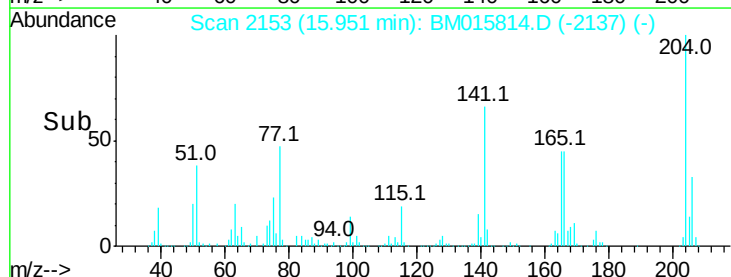
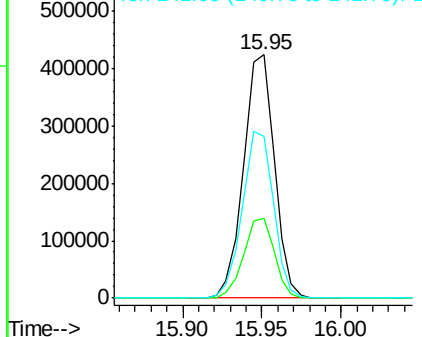


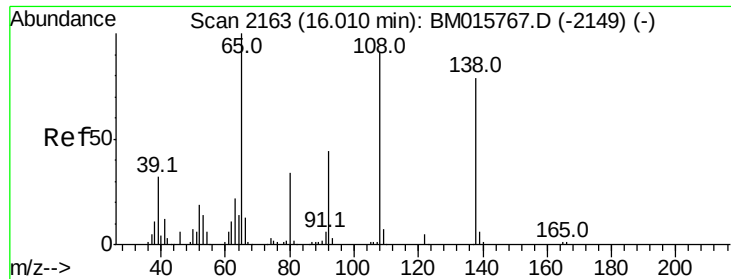
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





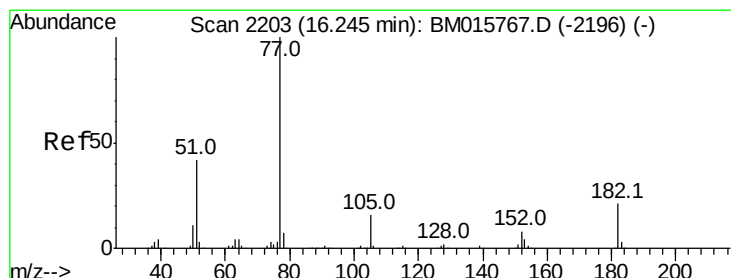
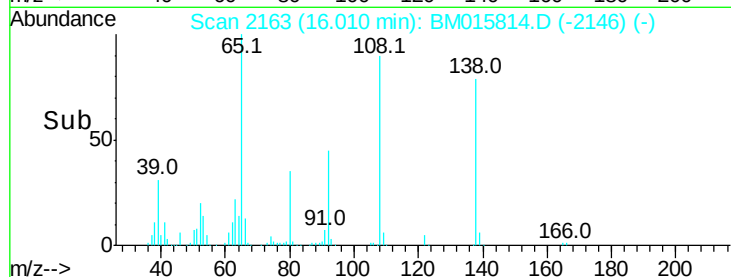
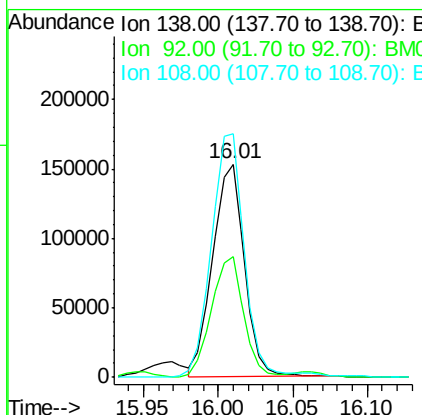
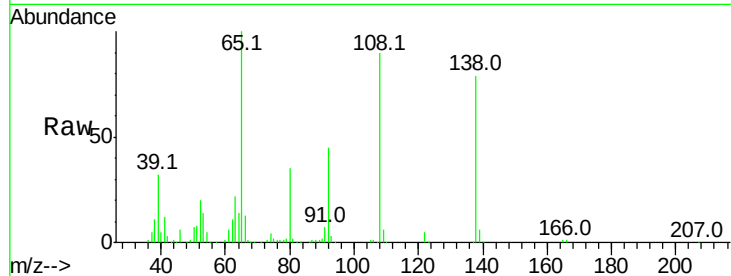
#61
4-Nitroaniline
Concen: 39.616 ng
RT: 16.01 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.7	16.7	56.7#
108	114.3	37.6	77.6#

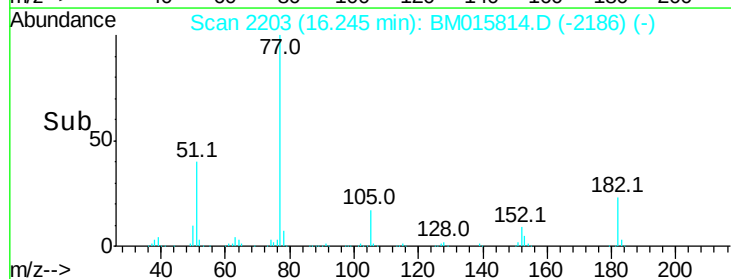
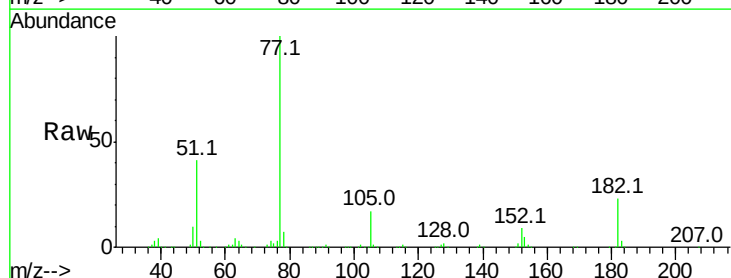
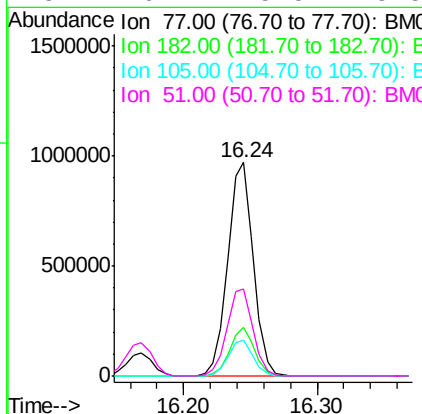
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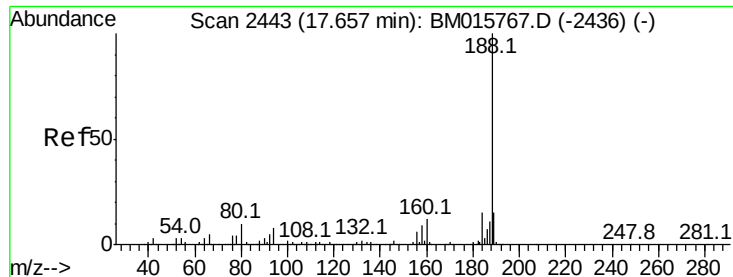
Sohil
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#62
Azobenzene
Concen: 49.710 ng
RT: 16.24 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.9	6.5	46.5
105	16.7	3.8	43.8
51	40.7	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: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

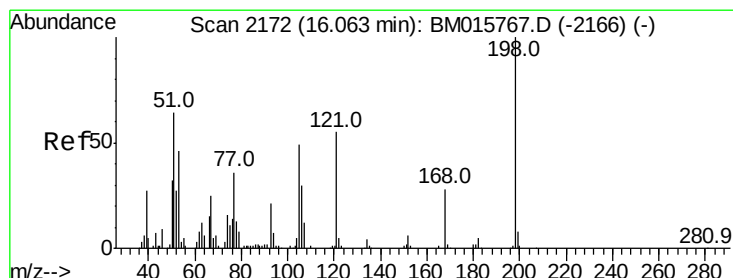
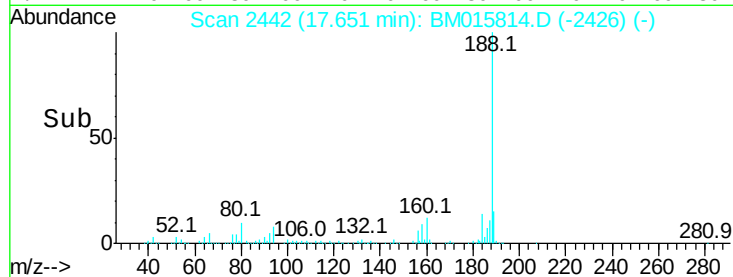
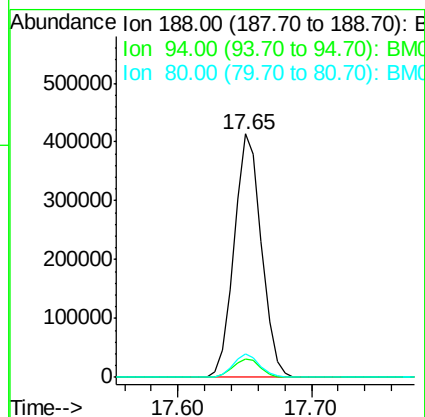
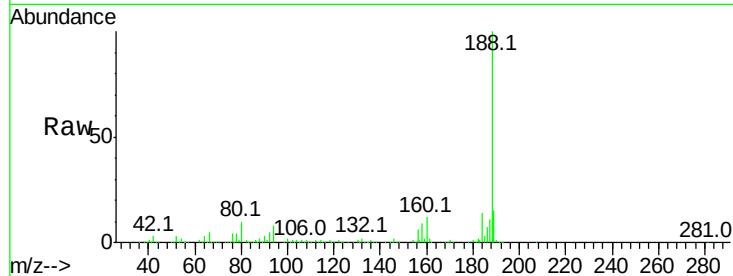
ClientSampled :

GF-02MSD

Tot Ion:	188	Resp:	586627
Ion Ratio	Lower	Upper	
188	100		
94	7.6	8.7	13.1#
80	9.6	9.3	13.9

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#64

4,6-Dinitro-2-methylphenol

Concen: 48.877 ng

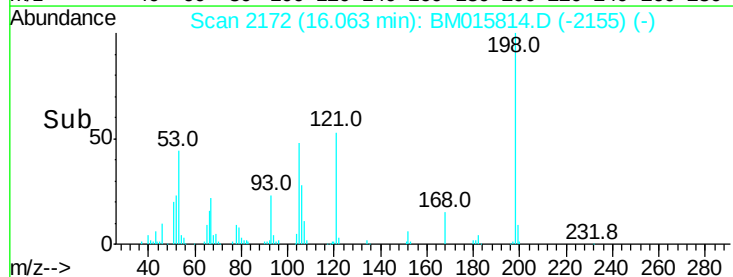
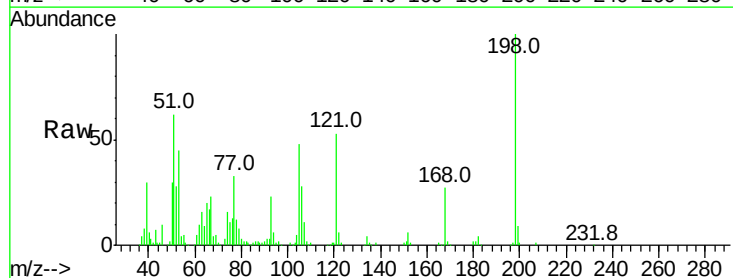
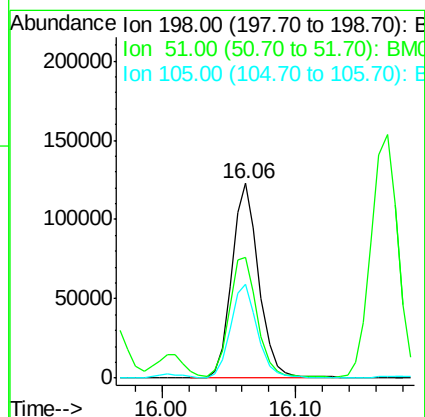
RT: 16.06 min Scan# 2172

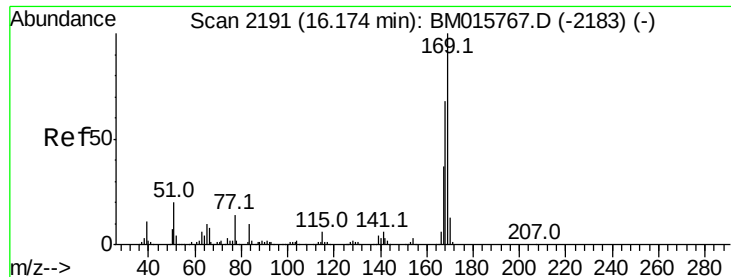
Delta R.T. -0.00 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Tgt Ion:	198	Resp:	174308
Ion Ratio	Lower	Upper	
198	100		
51	62.1	28.8	68.8
105	48.4	30.5	70.5





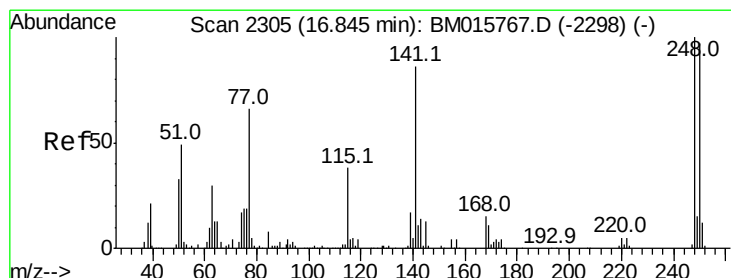
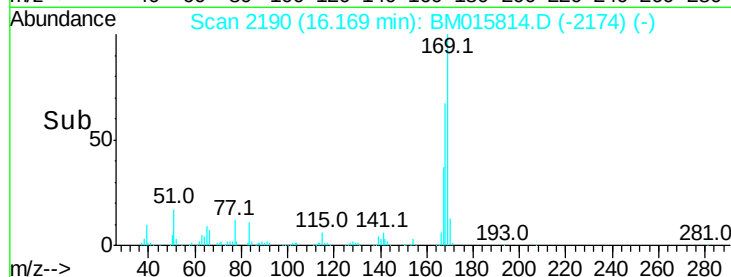
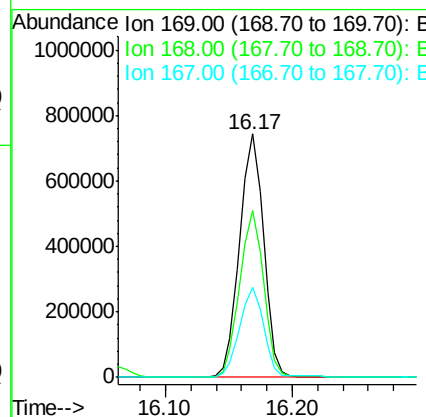
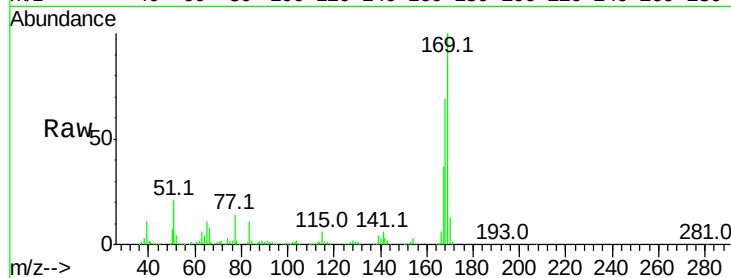
#65
n-Nitrosodiphenylamine
Concen: 48.483 ng
RT: 16.17 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	974562		
168	68.8		53.9	80.9
167	36.9		28.9	43.3

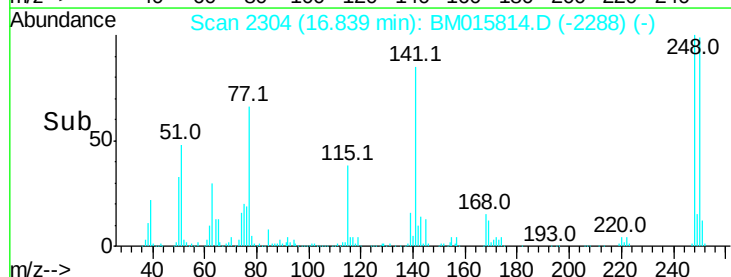
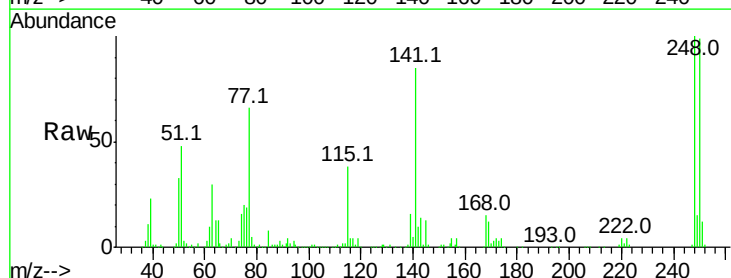
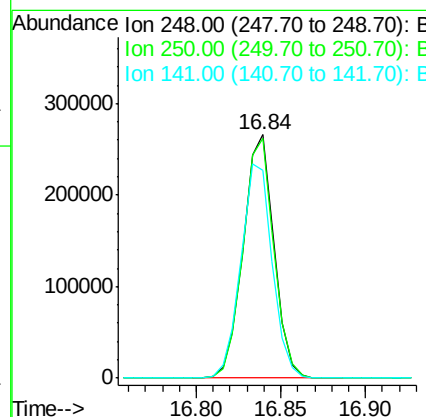
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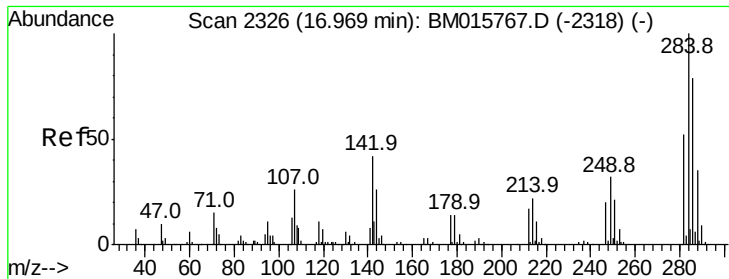
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#66
4-Bromophenyl-phenylether
Concen: 51.574 ng
RT: 16.84 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	337798		
250	98.6		77.4	116.0
141	85.3		45.2	67.8#





#67

Hexachlorobenzene

Concen: 50.233 ng

RT: 16.96 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

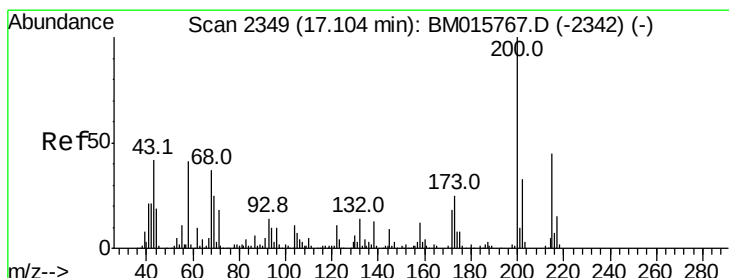
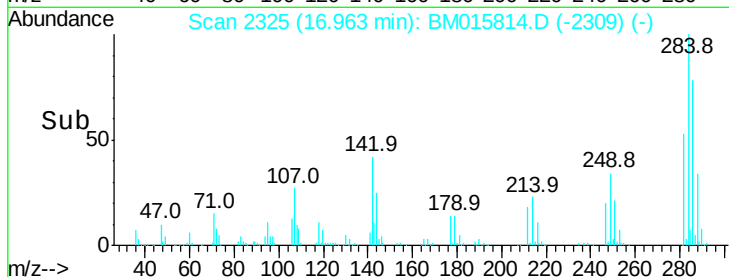
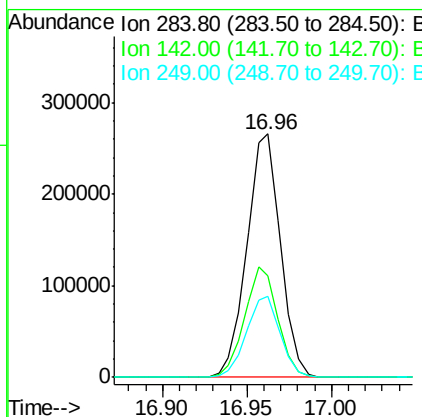
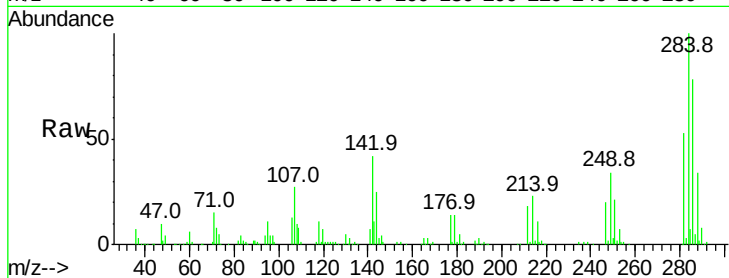
ClientSampleId :

GF-02MSD

Tot Ion:	284	Resp:	367654
Ion Ratio	Lower	Upper	
284	100		
142	41.8	20.4	30.6#
249	33.5	23.8	35.6

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#68

Atrazine

Concen: 51.884 ng

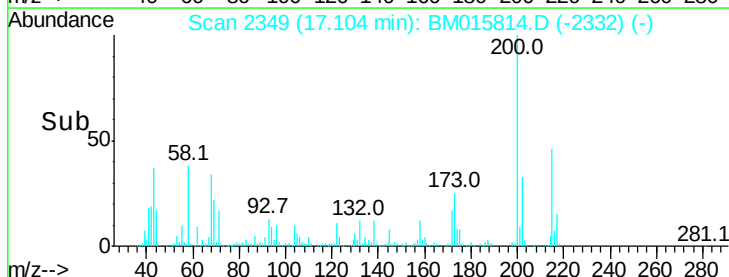
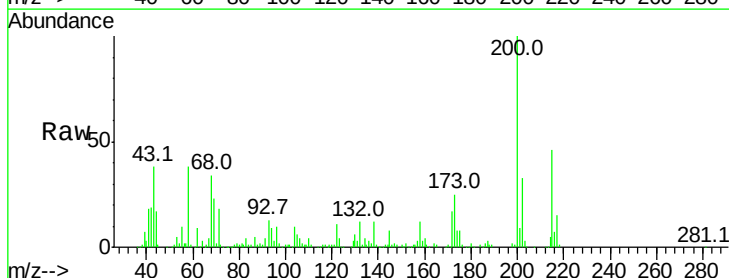
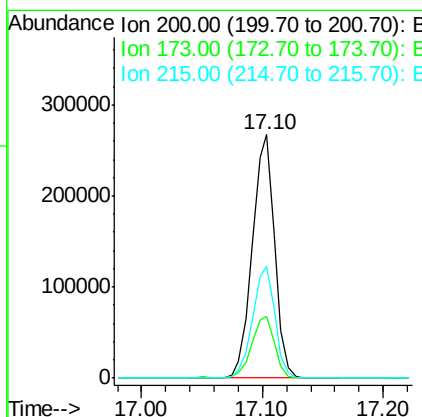
RT: 17.10 min Scan# 2349

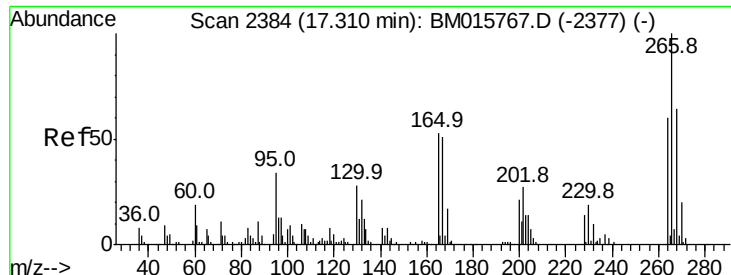
Delta R.T. -0.00 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Tgt Ion:	200	Resp:	343045
Ion Ratio	Lower	Upper	
200	100		
173	25.3	4.8	44.8
215	45.9	26.9	66.9





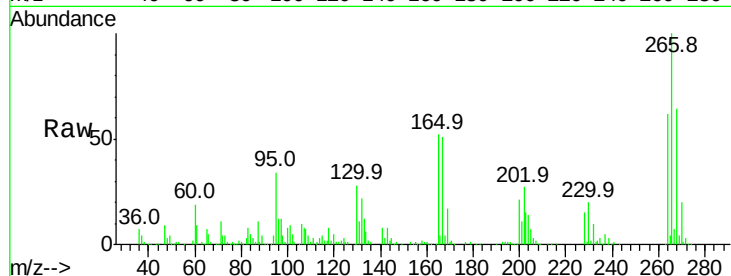
#69
 Pentachlorophenol
 Concen: 88.035 ng
 RT: 17.30 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Instrument :
 BNA_M
 ClientSampled :
 GF-02MSD

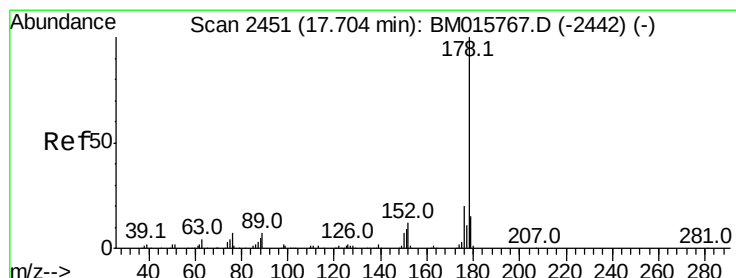
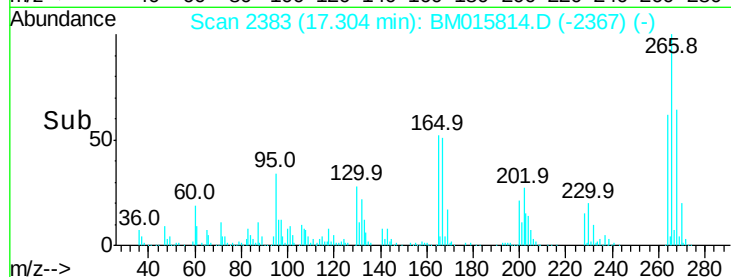
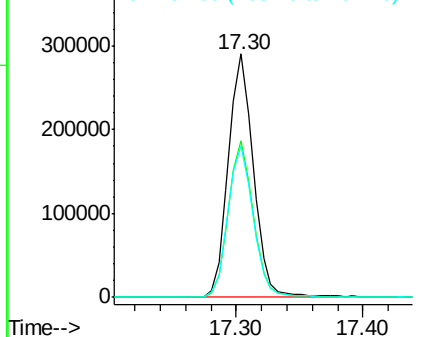
Tot Ion:	266	Resp:	398700
Ion Ratio		Lower	Upper
266	100		
268	64.1	52.0	78.0
264	62.1	49.0	73.4

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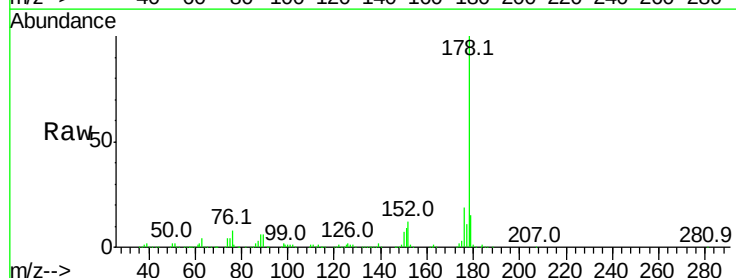


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

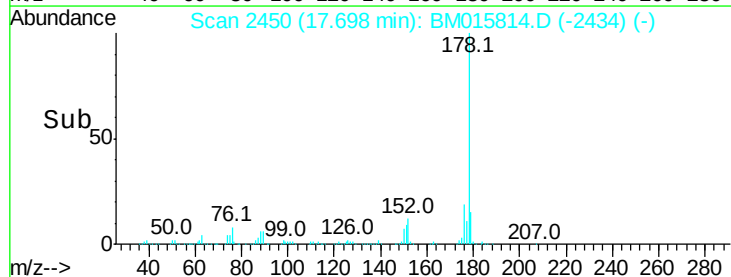
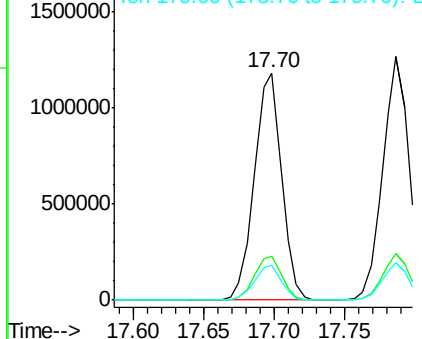


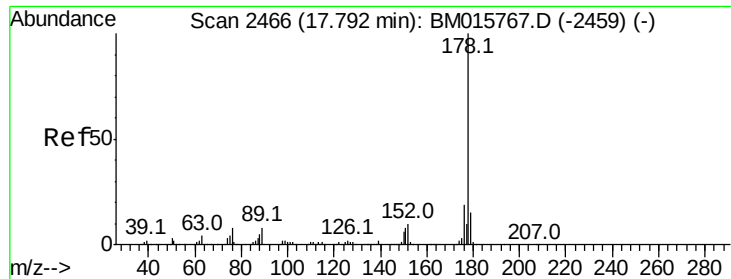
#70
 Phenanthrene
 Concen: 48.188 ng
 RT: 17.70 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion:	178	Resp:	1617264
Ion Ratio		Lower	Upper
178	100		
176	19.3	15.2	22.8
179	15.2	12.1	18.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





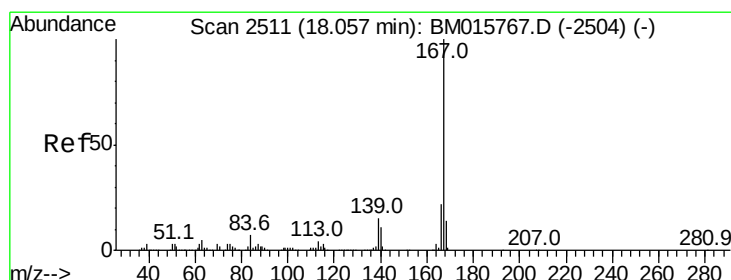
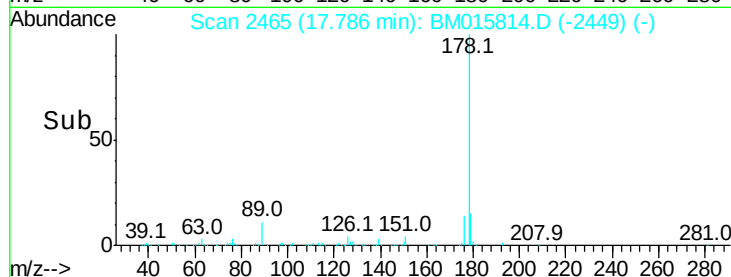
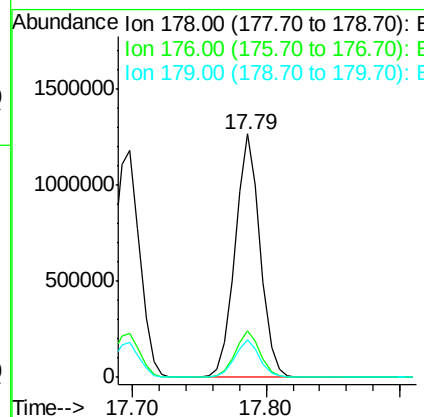
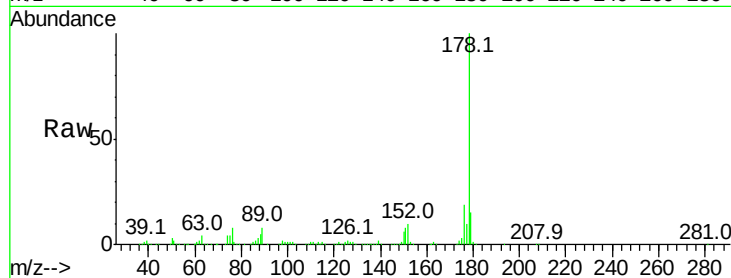
#71
 Anthracene
 Concen: 50.037 ng
 RT: 17.79 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

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

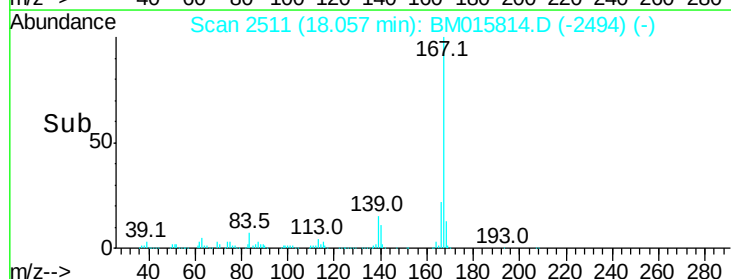
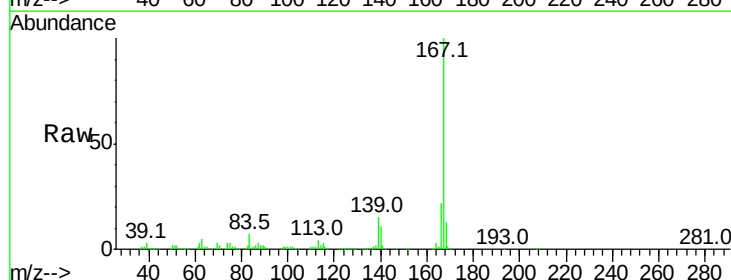
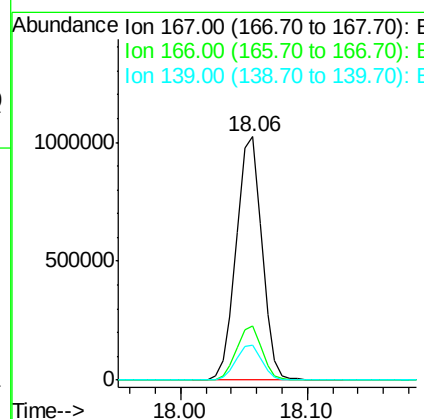
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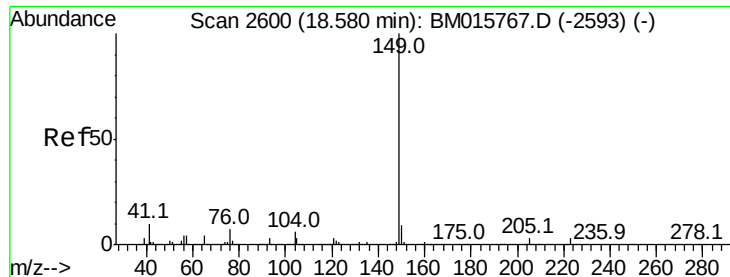
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#72
 Carbazole
 Concen: 46.551 ng
 RT: 18.06 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.2	25.8
139	14.6	10.8	16.2





#73

Di-n-butylphthalate

Concen: 46.634 ng

RT: 18.57 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

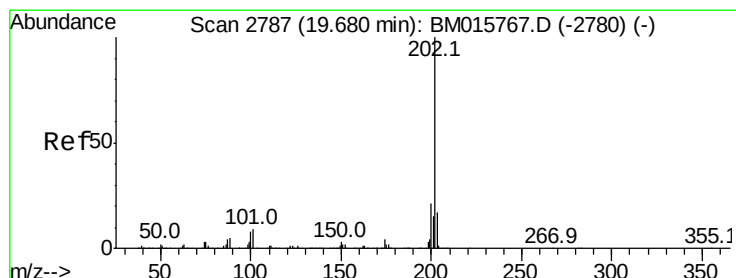
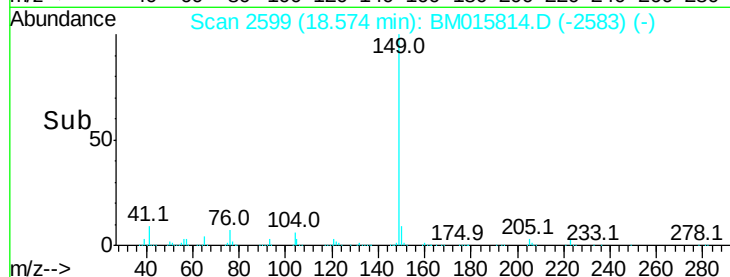
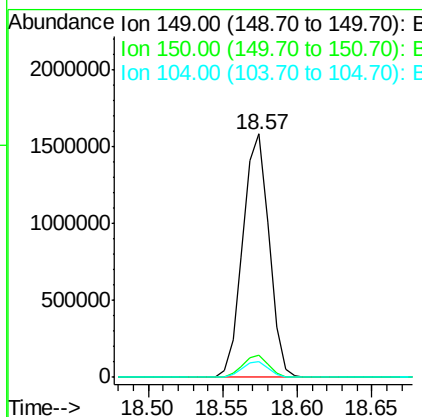
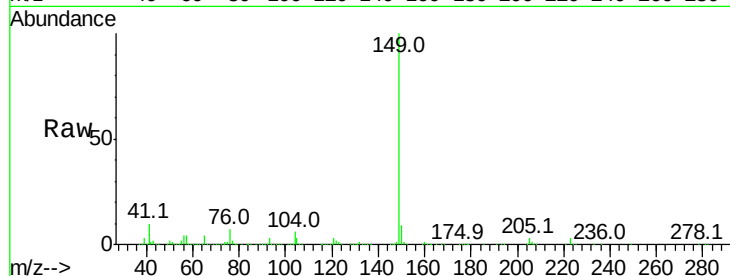
ClientSampleId :

GF-02MSD

Tot Ion:	149	Resp:	1930511
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.5	11.3
104	6.4	3.7	5.5#

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#74

Fluoranthene

Concen: 41.817 ng

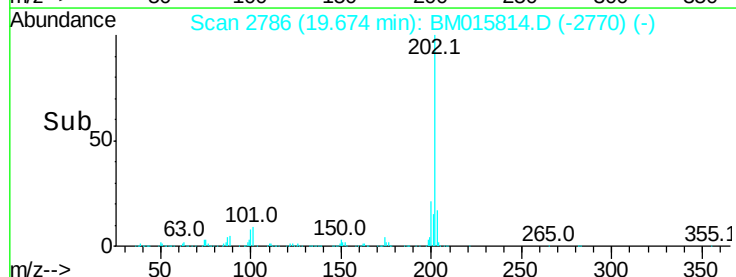
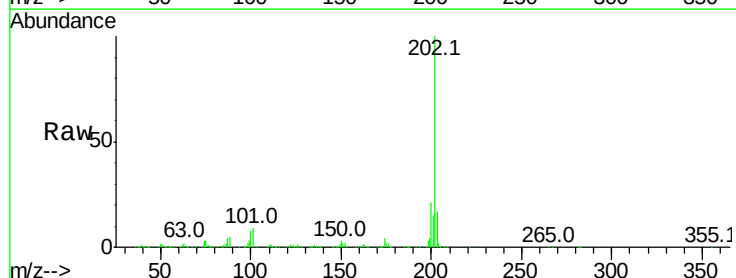
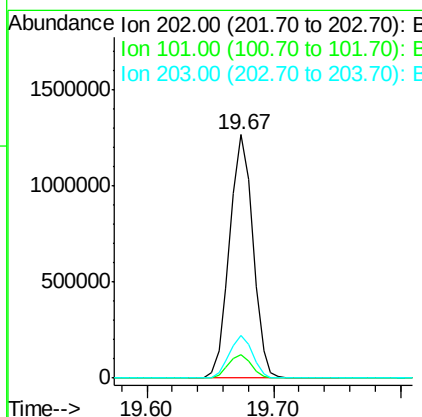
RT: 19.67 min Scan# 2786

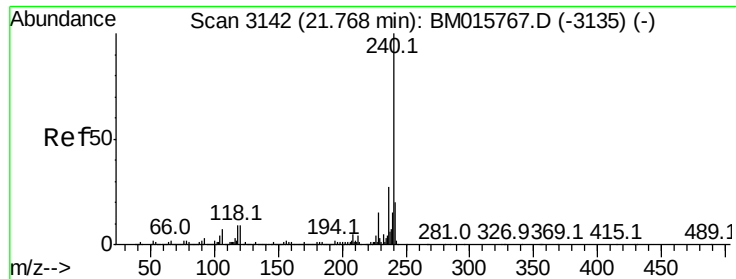
Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Tgt Ion:	202	Resp:	1613390
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	28.7
203	17.5	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: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

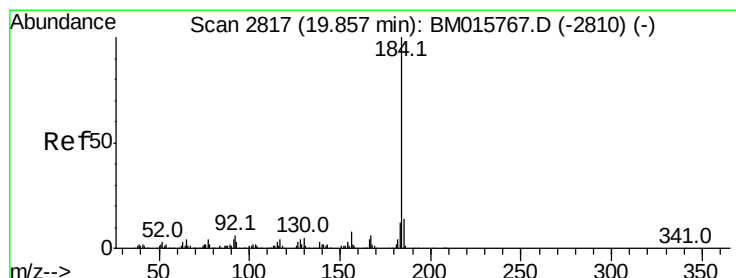
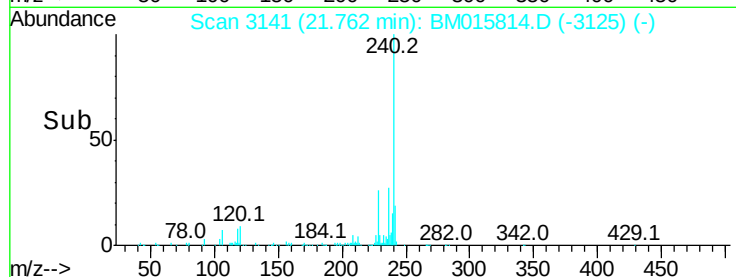
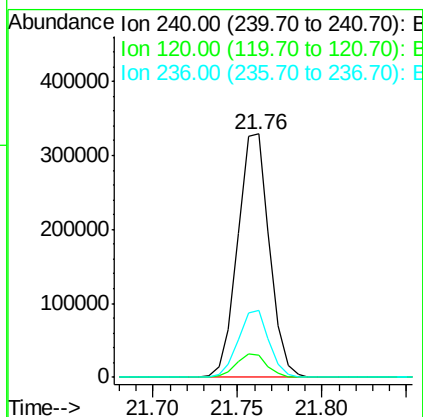
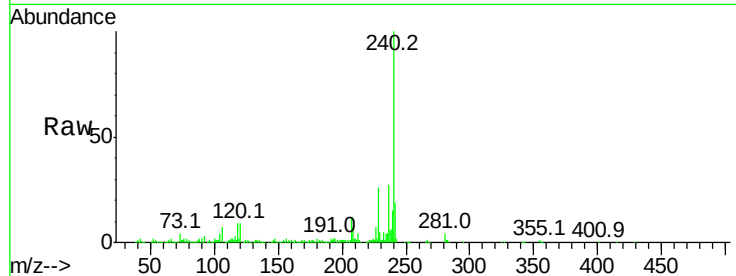
ClientSampleId :

GF-02MSD

Tot Ion:	240	Resp:	430880
Ion Ratio	Lower	Upper	
240	100		
120	8.9	8.2	12.2
236	27.3	20.0	30.0

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#76

Benzidine

Concen: 28.302 ng

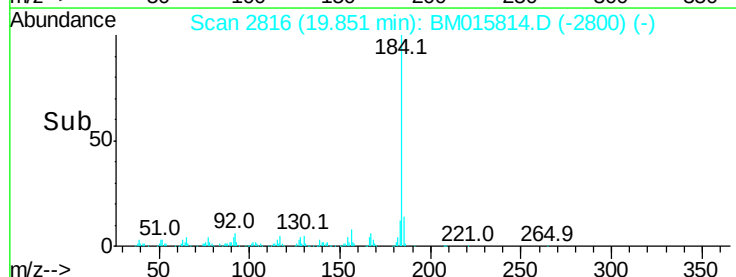
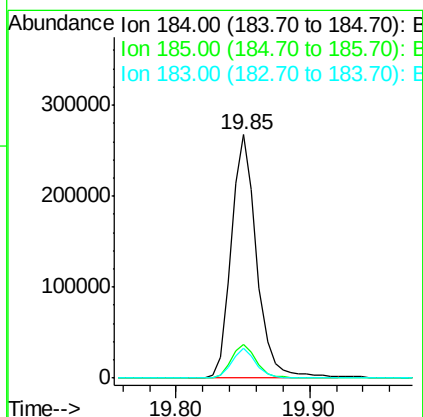
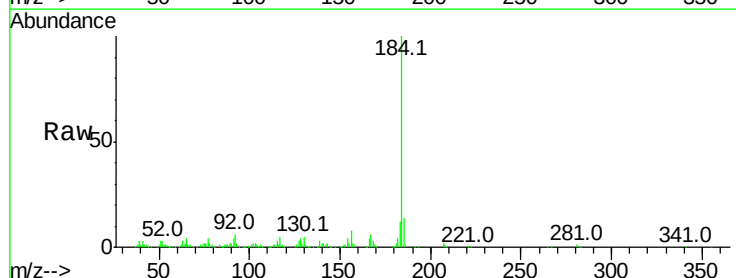
RT: 19.85 min Scan# 2816

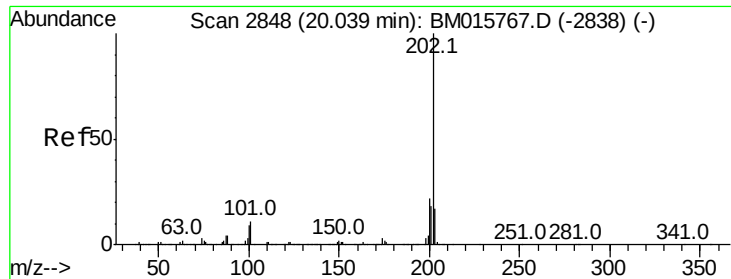
Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Tgt Ion:	184	Resp:	357291
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.3	16.9
183	12.1	8.9	13.3





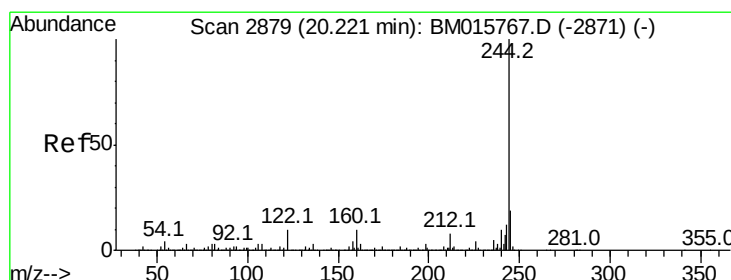
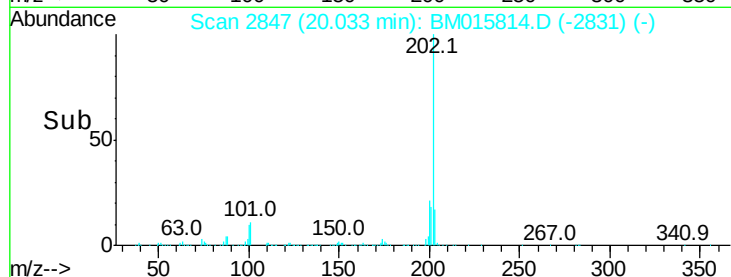
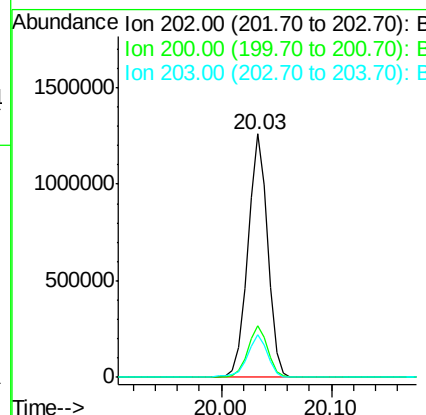
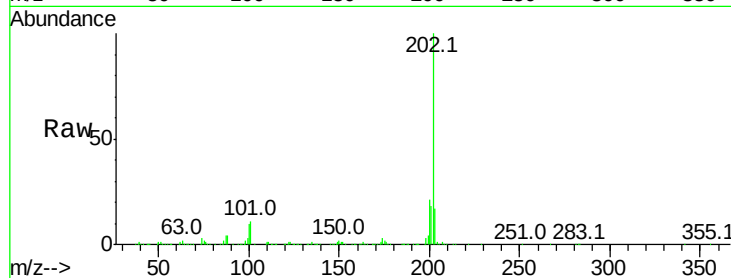
#77
Pvrene
Concen: 58.999 ng
RT: 20.03 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	17.5	14.1	21.1

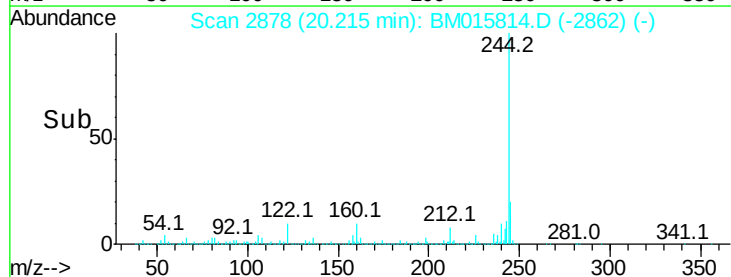
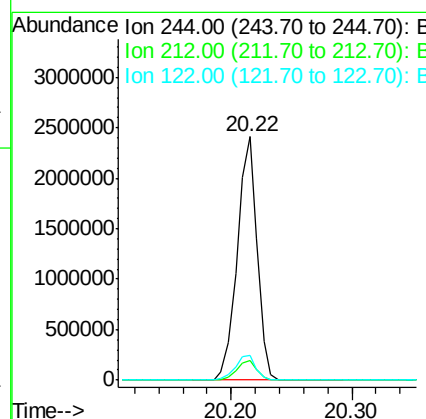
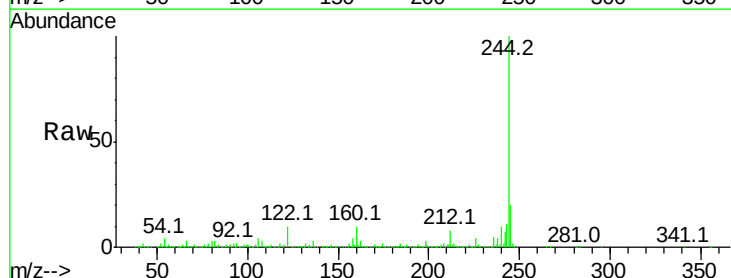
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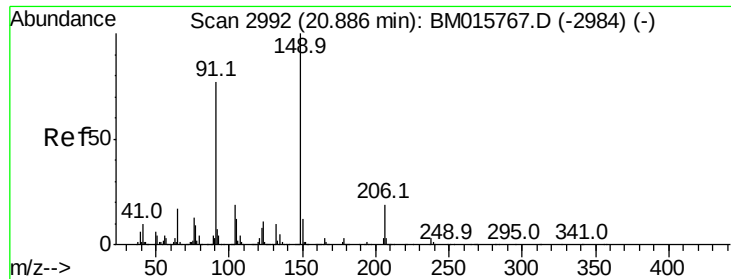
Sohil
7/9/2018 1:55:51 PM



#78
Terphenyl-d14
Concen: 58.999 ng
RT: 20.22 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	9.9	6.2	9.4#





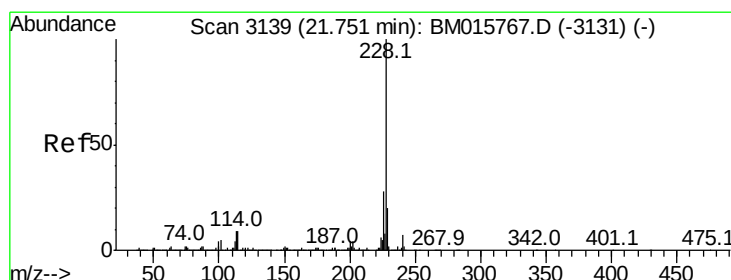
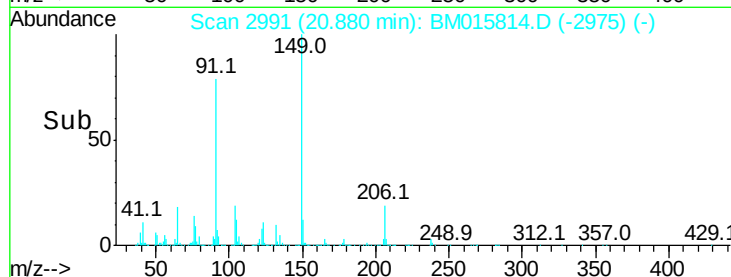
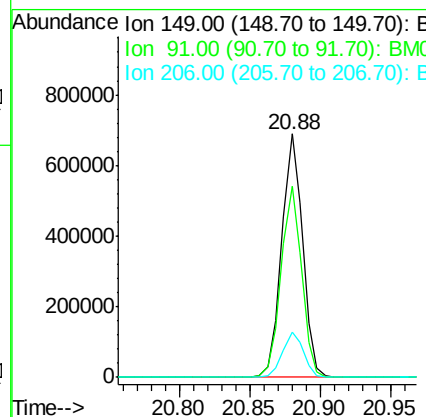
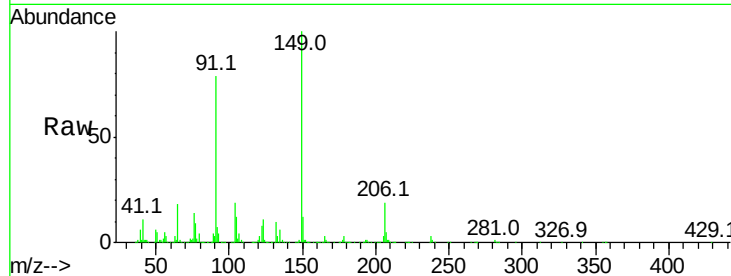
#79
Butylbenzylphthalate
Concen: 54.949 ng
RT: 20.88 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.6	50.1	75.1#
206	18.8	16.2	24.2

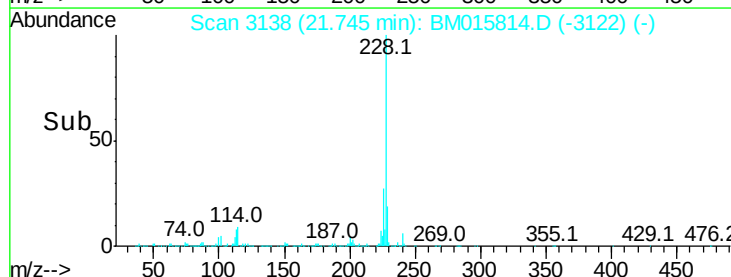
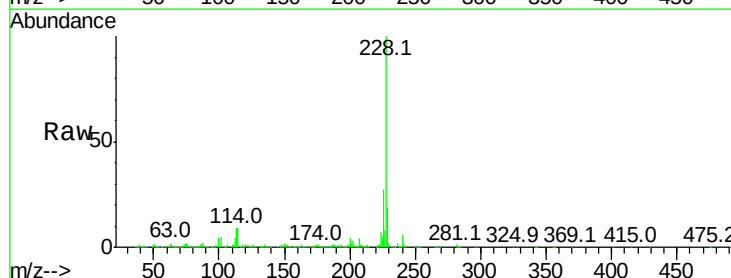
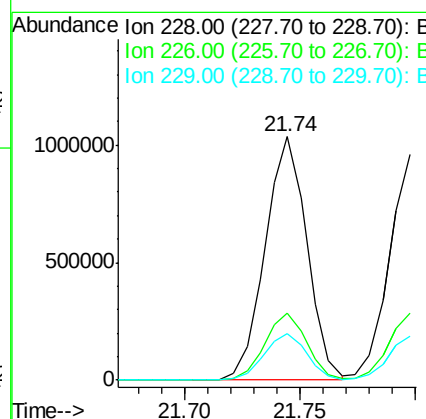
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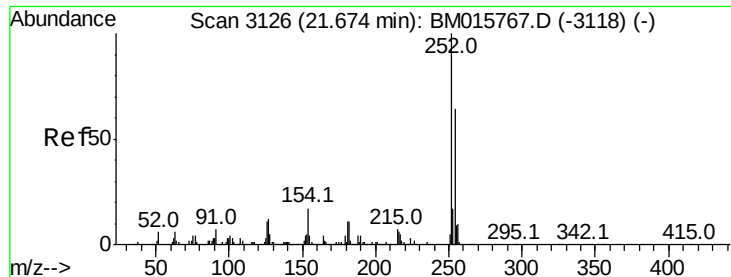
Sohil
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#80
Benzo(a)anthracene
Concen: 47.507 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.7	32.5
229	19.3	16.0	24.0





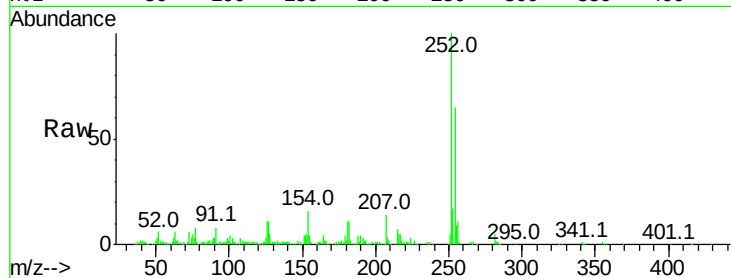
#81
 3,3'-Dichlorobenzidine
 Concen: 32.121 ng
 RT: 21.67 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

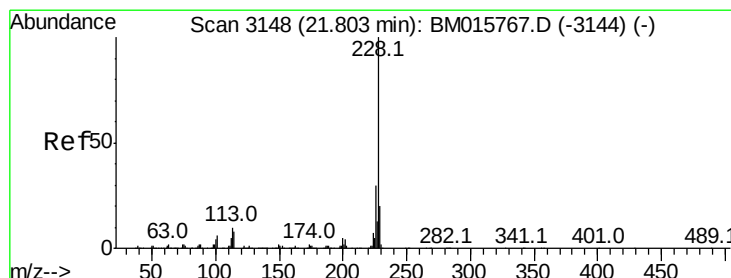
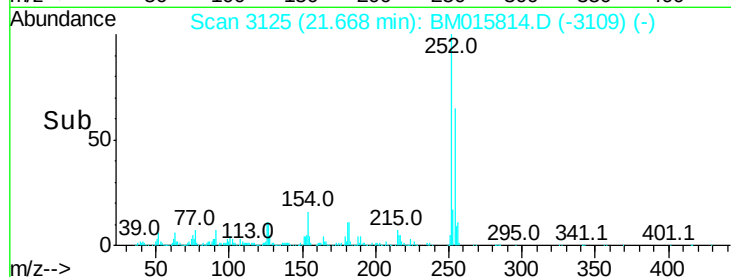
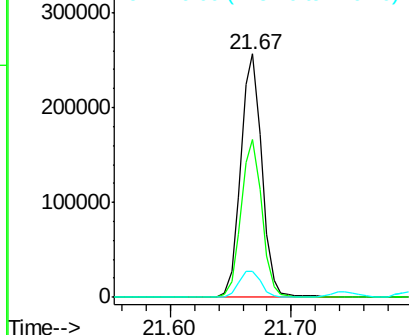
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	10.9	9.8	14.8

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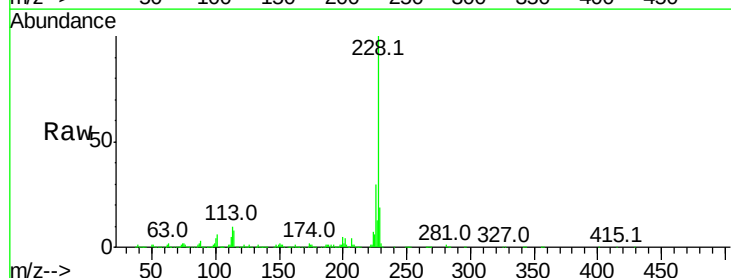


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

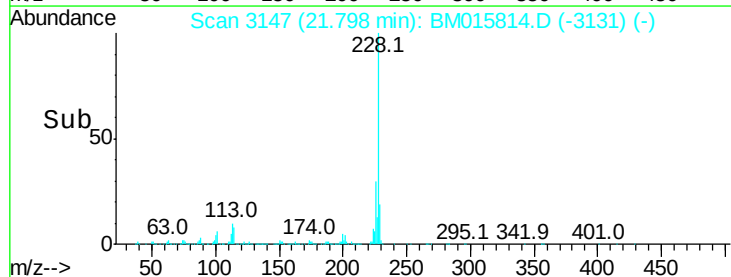
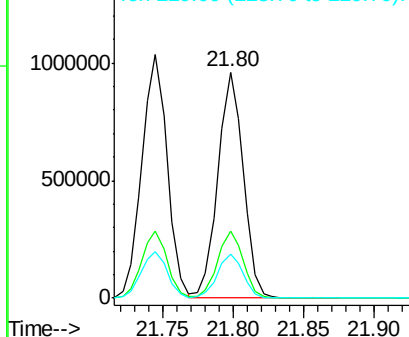


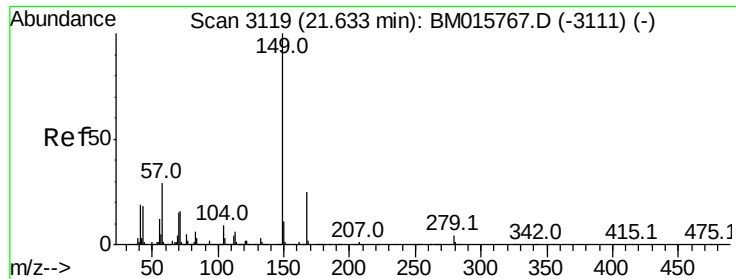
#82
 Chrysene
 Concen: 47.111 ng
 RT: 21.80 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.5	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.004 ng

RT: 21.63 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

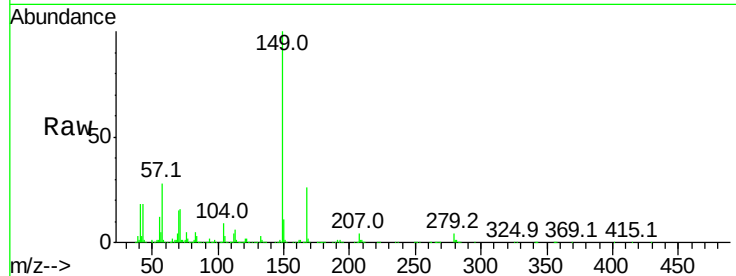
ClientSampleId :

GF-02MSD

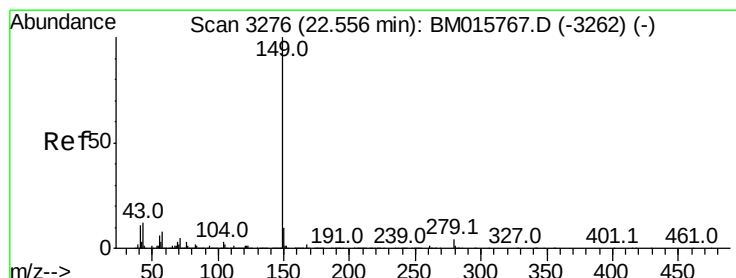
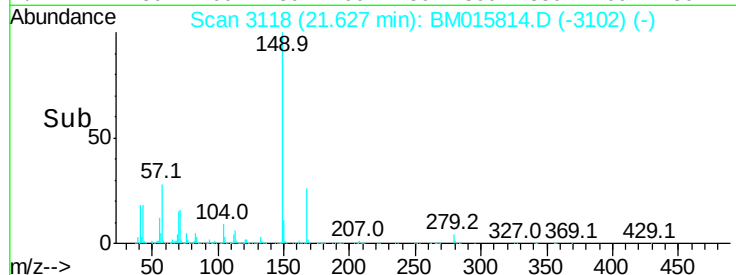
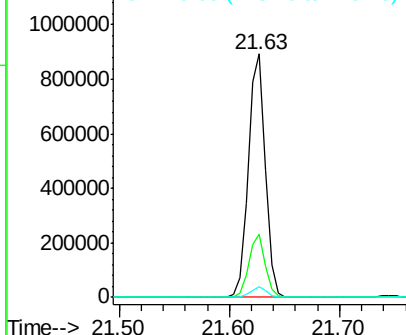
Tot Ion:	149	Resp:	958598
Ion Ratio	Lower	Upper	
149	100		
167	25.7	22.4	33.6
279	4.2	3.4	5.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.278 ng

RT: 22.54 min Scan# 3274

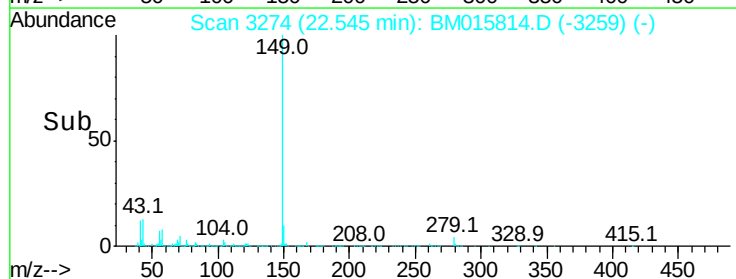
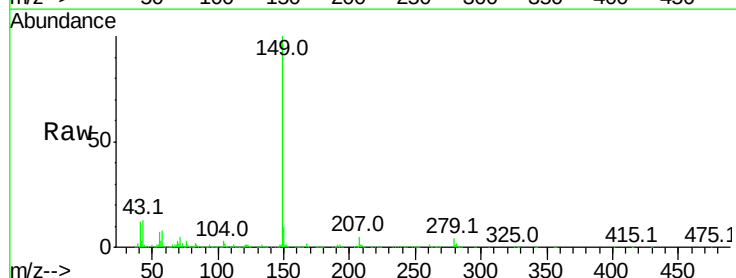
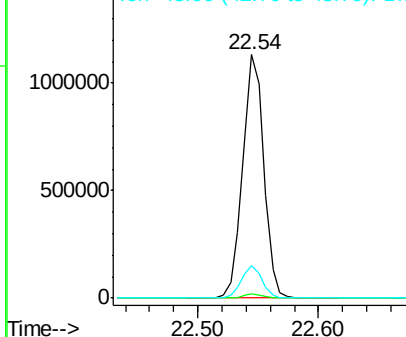
Delta R.T. -0.01 min

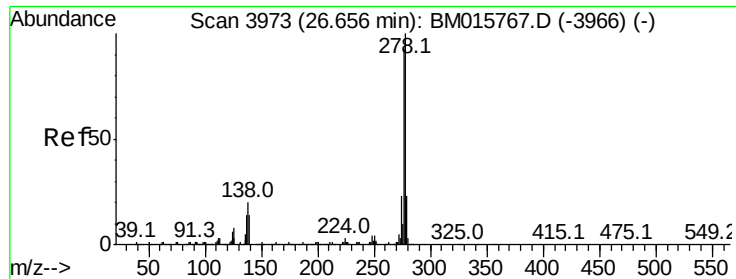
Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Tgt Ion:	149	Resp:	1384071
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	12.9	7.3	10.9#

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





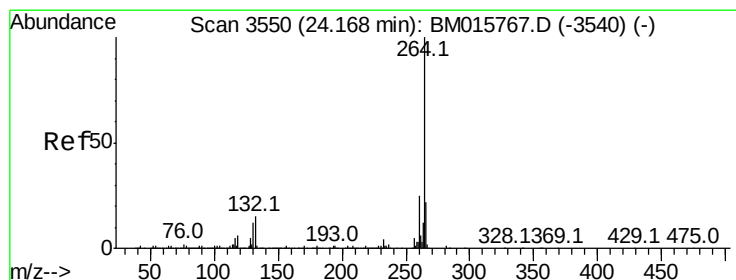
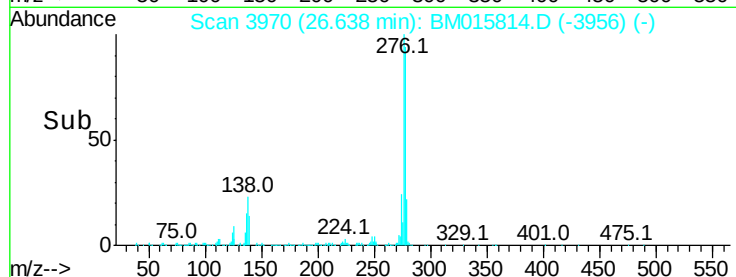
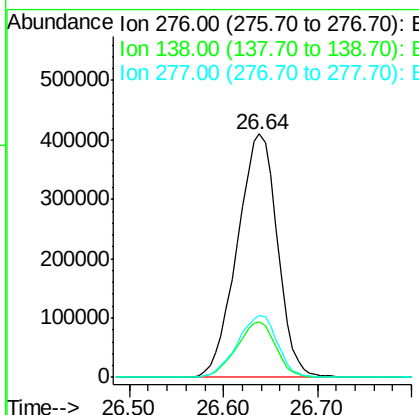
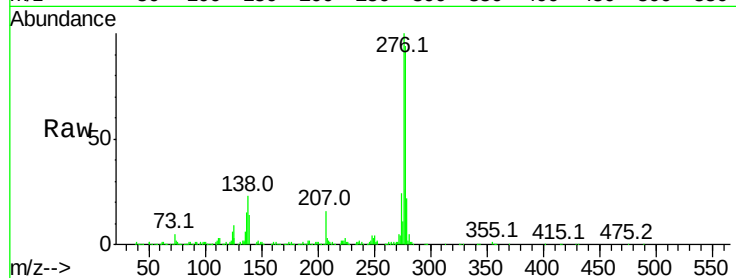
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.343 ng
RT: 26.64 min Scan# 3970
Delta R.T. -0.02 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampled :
GF-02MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	12.0	18.0#
277	25.5	20.0	30.0

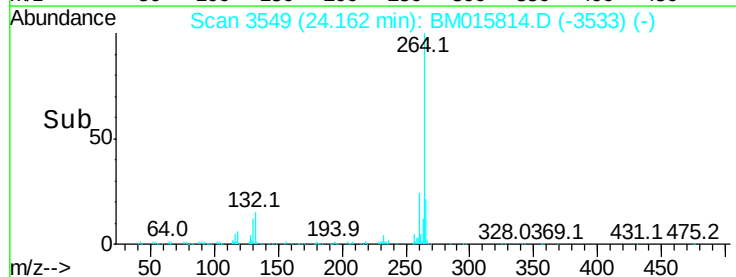
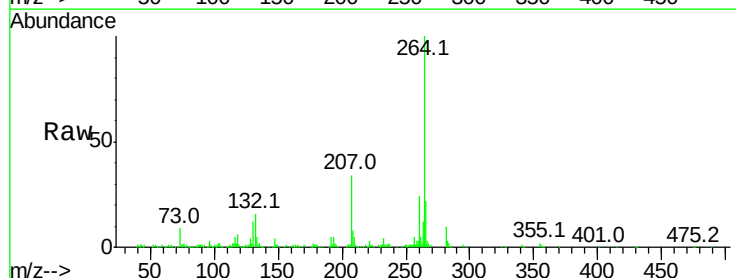
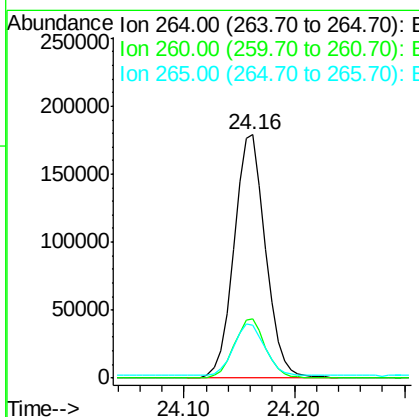
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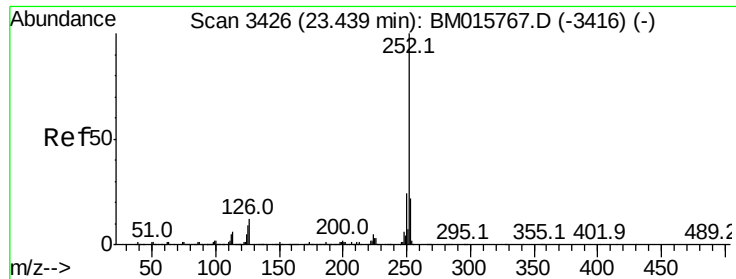
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.16 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 46.884 ng

RT: 23.43 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

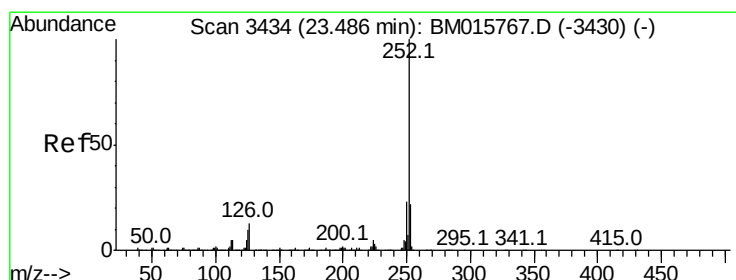
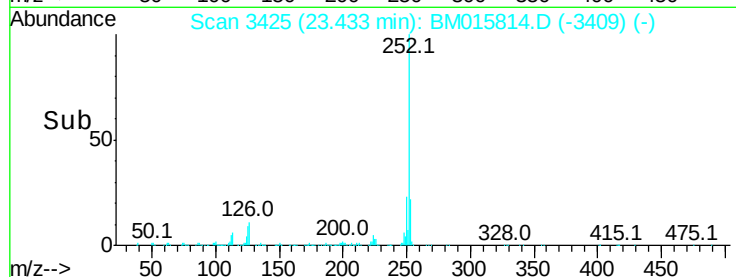
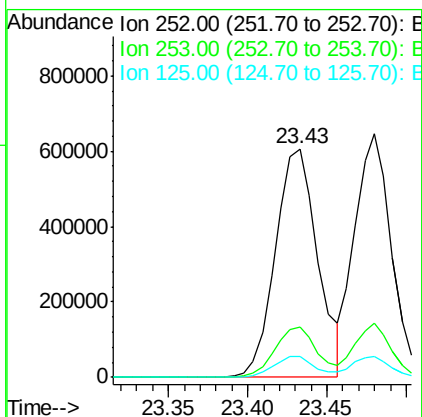
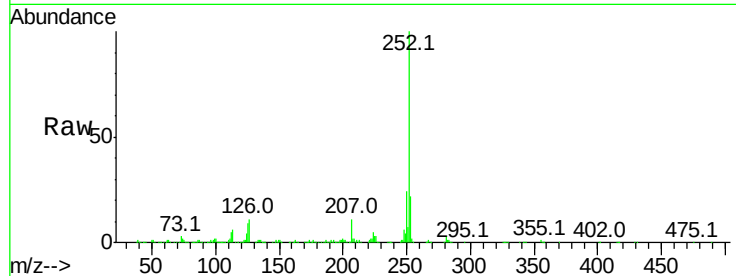
ClientSampleId :

GF-02MSD

Tot Ion:	252	Resp:	1123146
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	9.0	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 44.499 ng

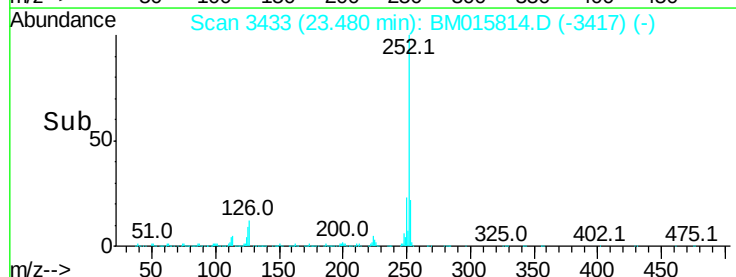
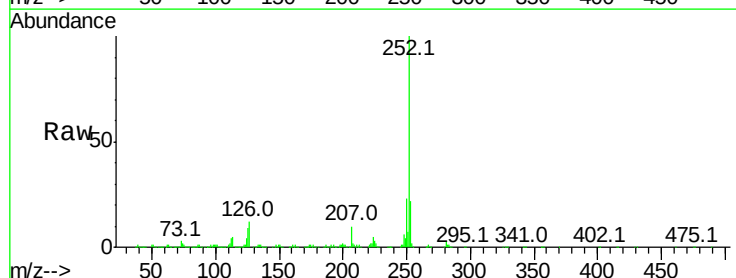
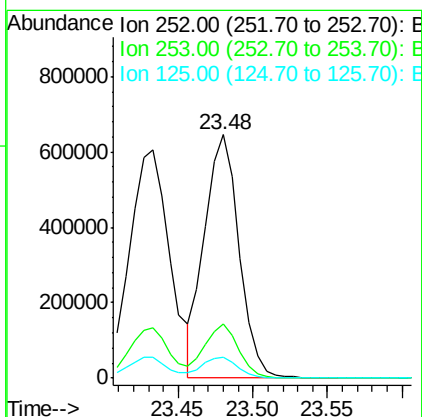
RT: 23.48 min Scan# 3433

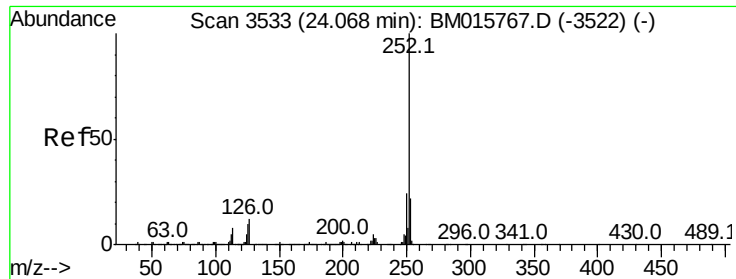
Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Tgt Ion:	252	Resp:	1035526
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	8.8	8.1	12.1





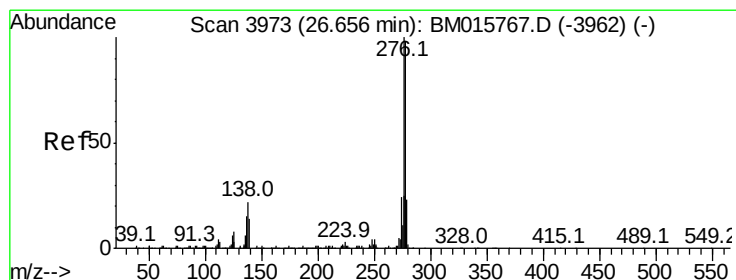
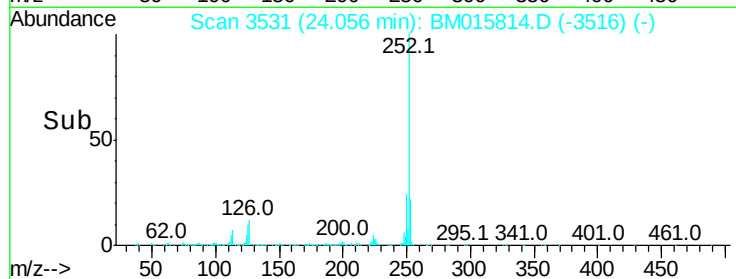
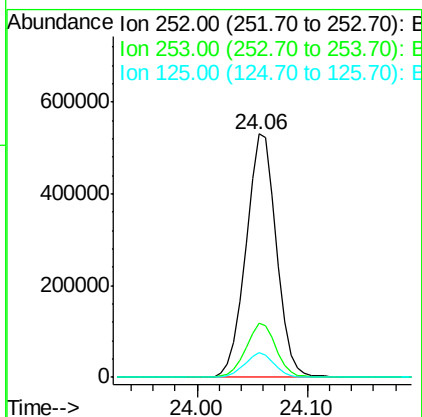
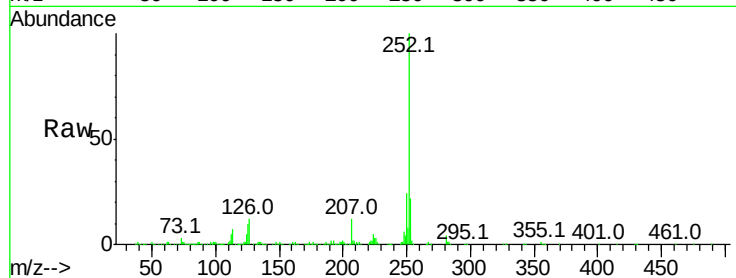
#89
Benzo(a)pyrene
Concen: 48.569 ng
RT: 24.06 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.3	7.4	11.2

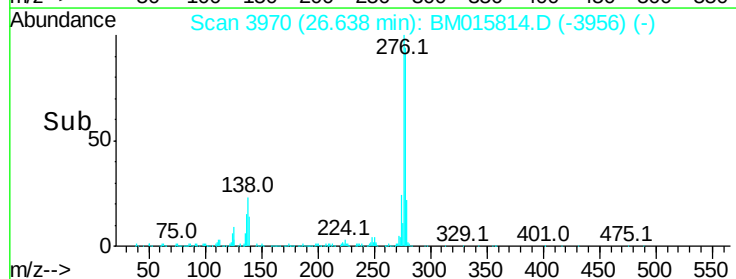
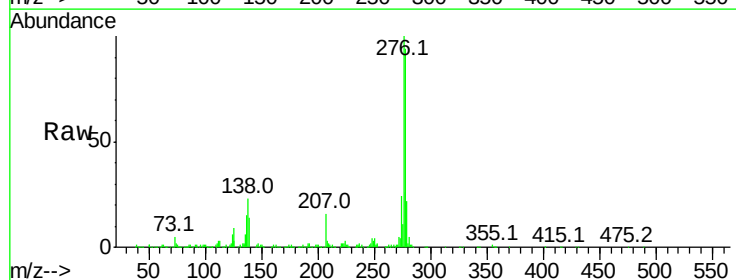
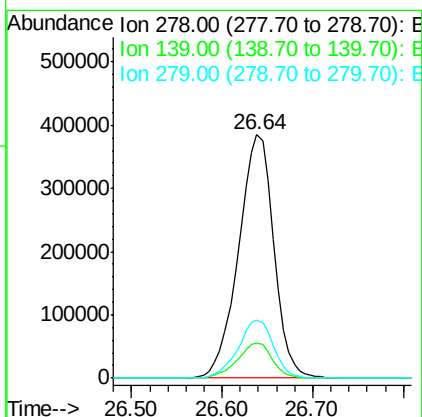
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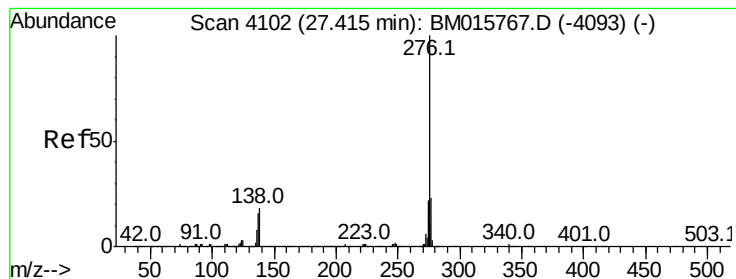
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 54.706 ng
RT: 26.64 min Scan# 3970
Delta R.T. -0.02 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	13.4	20.0
279	23.7	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 58.568 ng

RT: 27.40 min Scan# 4099

Delta R.T. -0.02 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

Tot Ion:	276	Resp:	976370
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.5	27.7
138	19.0	19.0	28.6

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