

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019982.D
 Acq On : 19 Apr 2019 19:26
 Operator : JU/SJ
 Sample : K2487-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MS

Manual Integrations
 APPROVED

Sohil
 4/23/2019 8:19:18 AM

Quant Time: Apr 20 01:02:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	148807	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	609208	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	352913	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	776954	20.00	ng	0.00
76) Chrysene-d12	21.16	240	783046	20.00	ng	0.00
87) Perylene-d12	23.36	264	729509	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	706995	77.00	ng	0.00
7) Phenol-d6	6.71	99	657111	47.55	ng	0.00
23) Nitrobenzene-d5	8.69	82	1296110	95.15	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	820140	144.37	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	2703814	95.48	ng	0.00
79) Terphenyl-d14	19.59	244	4459967	100.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	87161	21.997	ng	99
3) Pyridine	3.50	79	222909	20.088	ng	99
4) n-Nitrosodimethylamine	3.43	42	84712	23.698	ng	91
6) Aniline	6.86	93	375515	21.040	ng	100
8) 2-Chlorophenol	7.08	128	410733	35.966	ng	98
9) Benzaldehyde	6.69	77	165678	17.619	ng	98
10) Phenol	6.73	94	233845	15.489	ng	95
11) bis(2-Chloroethyl)ether	6.96	93	450657	40.796	ng	98
12) 1,3-Dichlorobenzene	7.39	146	386425	32.231	ng	98
13) 1,4-Dichlorobenzene	7.55	146	403816	33.197	ng	99
14) 1,2-Dichlorobenzene	7.85	146	406774	33.726	ng	99
15) Benzyl Alcohol	7.77	79	388155	30.898	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.04	45	410988	39.029	ng	99
17) 2-Methylphenol	7.97	107	305366	30.560	ng	98
18) Hexachloroethane	8.55	117	137495	29.079	ng	98
19) n-Nitroso-di-n-propylamine	8.32	70	454232	37.394	ng	99
20) 3+4-Methylphenols	8.30	107	376308	27.415	ng	100
22) Acetophenone	8.35	105	771219	46.479	ng	99
24) Nitrobenzene	8.73	77	650668	46.108	ng	99
25) Isophorone	9.24	82	1156877	43.627	ng	100
26) 2-Nitrophenol	9.43	139	250614	41.674	ng	97
27) 2,4-Dimethylphenol	9.49	122	397745	46.778	ng	98
28) bis(2-Chloroethoxy)methane	9.72	93	643948	43.367	ng	99
29) 2,4-Dichlorophenol	9.96	162	421813	43.680	ng	97
30) 1,2,4-Trichlorobenzene	10.15	180	396665	38.164	ng	98
31) Naphthalene	10.33	128	1350299	41.324	ng	99
32) Benzoic acid	9.66	122	104475	16.739	ng	96
33) 4-Chloroaniline	10.49	127	216151	16.057	ng	98
34) Hexachlorobutadiene	10.59	225	198333	32.354	ng	100
35) Caprolactam	11.34	113	31231m	8.544	ng	
36) 4-Chloro-3-methylphenol	11.62	107	465785	38.818	ng	100
37) 2-Methylnaphthalene	11.96	142	991698	41.687	ng	99
38) 1-Methylnaphthalene	12.19	142	962099	40.960	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	467376	42.929	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	199338	55.839	ng	98
43) 2,4,6-Trichlorophenol	12.60	196	348220	47.177	ng	99
44) 2,4,5-Trichlorophenol	12.68	196	363638	47.335	ng	99
46) 1,1'-Biphenyl	13.00	154	1348430	44.114	ng	99
47) 2-Chloronaphthalene	13.04	162	1037166	44.484	ng	99
48) 2-Nitroaniline	13.29	65	386450	45.983	ng	100
49) Acenaphthylene	13.90	152	1747560	43.078	ng	99
50) Dimethylphthalate	13.65	163	1450415	46.594	ng	99
51) 2,6-Dinitrotoluene	13.79	165	307776	44.712	ng	88
52) Acenaphthene	14.24	154	1020659	45.377	ng	98
53) 3-Nitroaniline	14.13	138	143168	20.829	ng	98
54) 2,4-Dinitrophenol	14.36	184	229196	58.024	ng	97
55) Dibenzofuran	14.59	168	1665942	45.293	ng	100
56) 4-Nitrophenol	14.47	139	175592	35.864	ng	94
57) 2,4-Dinitrotoluene	14.60	165	447937	45.270	ng	95
58) Fluorene	15.24	166	1422439	45.639	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.82	232	322675	46.033	ng	98
60) Diethylphthalate	15.02	149	1484820	45.862	ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	690440	46.011	ng	97
62) 4-Nitroaniline	15.32	138	272112	40.182	ng	99
63) Azobenzene	15.53	77	1603512	46.340	ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	162202	32.720	ng	98
66) n-Nitrosodiphenylamine	15.46	169	1189446	46.827	ng	99
67) 4-Bromophenyl-phenylether	16.13	248	405420	45.386	ng	98
68) Hexachlorobenzene	16.24	284	488426	45.569	ng	99
69) Atrazine	16.43	200	394967	45.805	ng	98
70) Pentachlorophenol	16.60	266	512728	93.624	ng	98
71) Phenanthrene	16.99	178	2147463	46.576	ng	100
72) Anthracene	17.08	178	2206101	48.067	ng	99
73) Carbazole	17.37	167	2030820	47.393	ng	100
74) Di-n-butylphthalate	17.91	149	2629840	46.732	ng	99
75) Fluoranthene	19.02	202	2512429	47.350	ng	100
77) Benzidine	19.23	184	482247	22.321	ng	99
78) Pyrene	19.39	202	2562738	49.421	ng	100
80) Butylbenzylphthalate	20.30	149	1286129	51.158	ng	98
81) Benzo(a)anthracene	21.15	228	2450722	49.406	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	662647	35.905	ng	98
83) Chrysene	21.20	228	2406686	50.592	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	1882602	50.299	ng	99
85) Di-n-octyl phthalate	21.93	149	3293168	54.225	ng	100
86) Indeno(1,2,3-cd)pyrene	25.56	276	2237454	47.813	ng	100
88) Benzo(b)fluoranthene	22.70	252	2381388	49.161	ng	99
89) Benzo(k)fluoranthene	22.74	252	2340929	51.332	ng	99
90) Benzo(a)pyrene	23.26	252	2117930	49.345	ng	99
91) Dibenzo(a,h)anthracene	25.56	278	1945919	47.024	ng	98
92) Benzo(g,h,i)perylene	26.23	276	1726572	46.066	ng	100

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

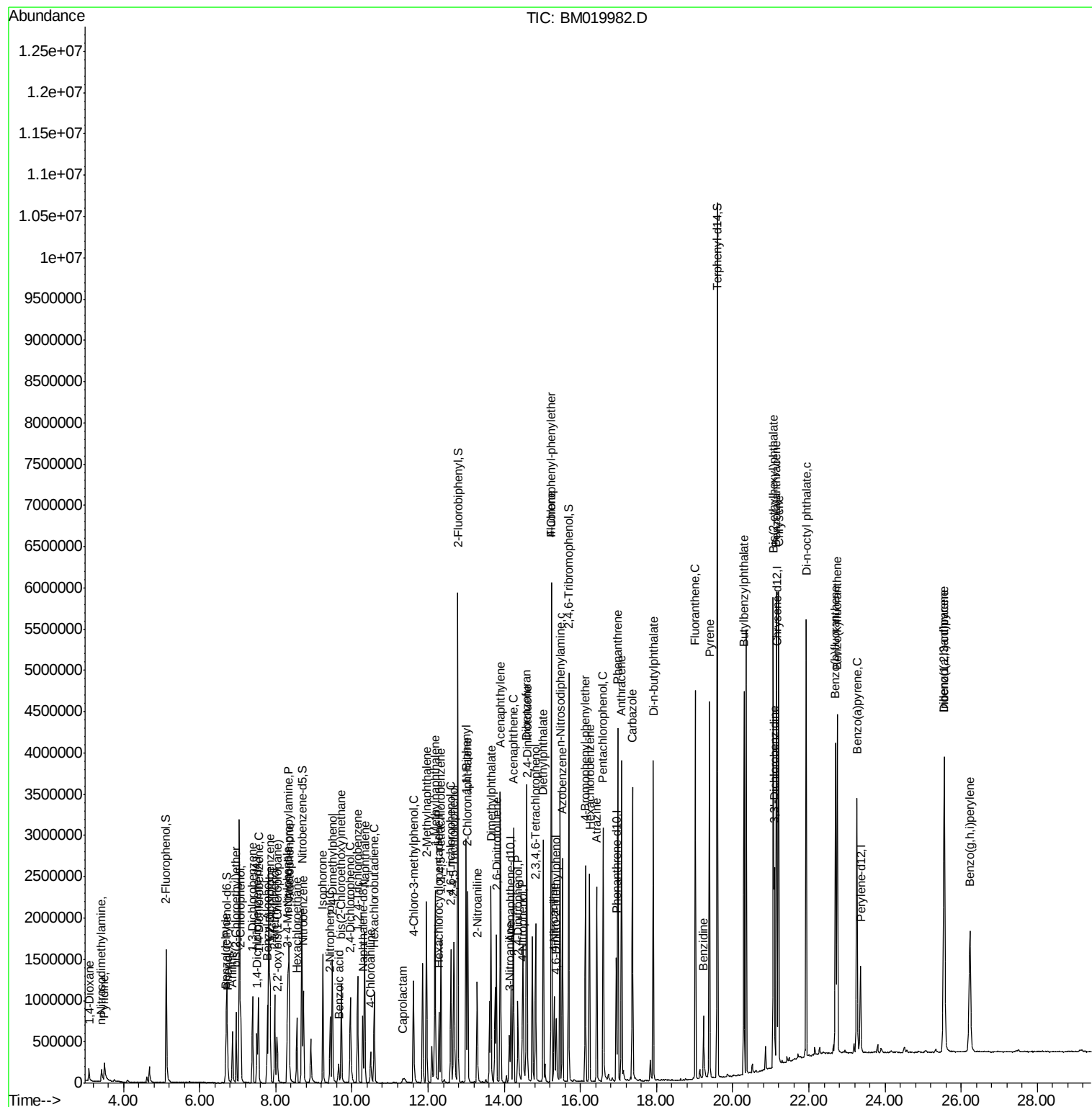
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
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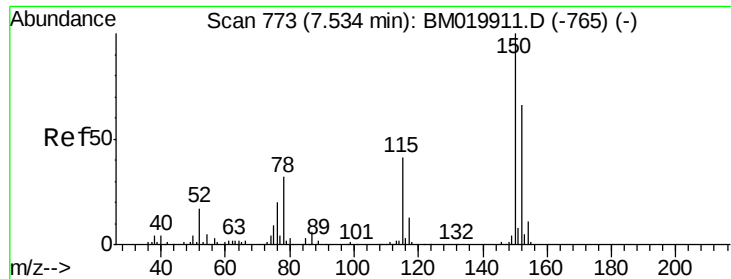
Instrument :
BNA_M
ClientSampled :
GMW-7MS

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#1

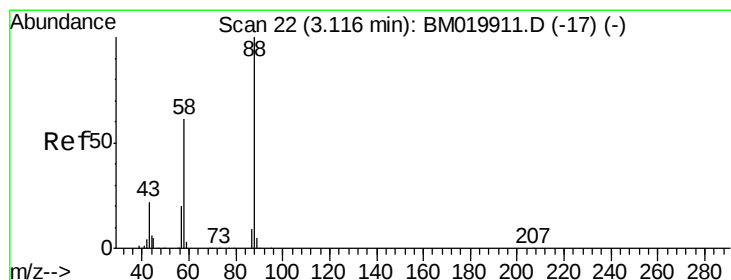
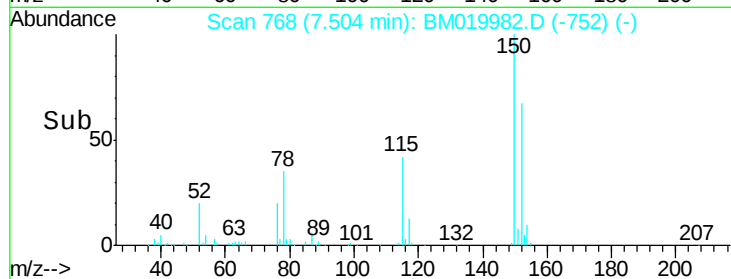
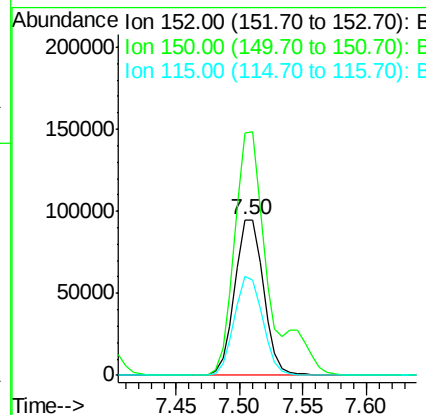
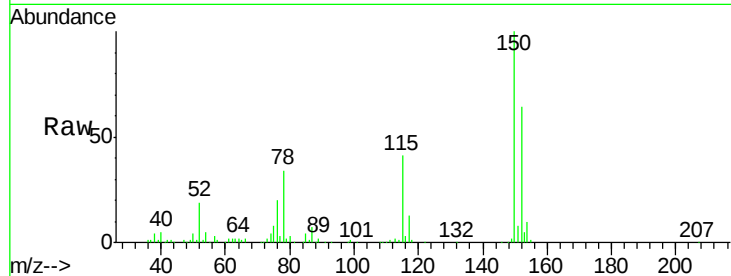
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.1	183.1
115	63.6	50.0	75.0

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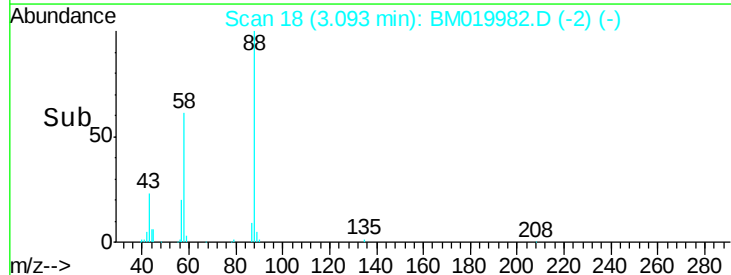
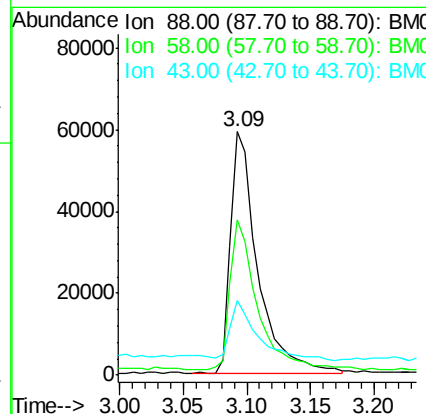
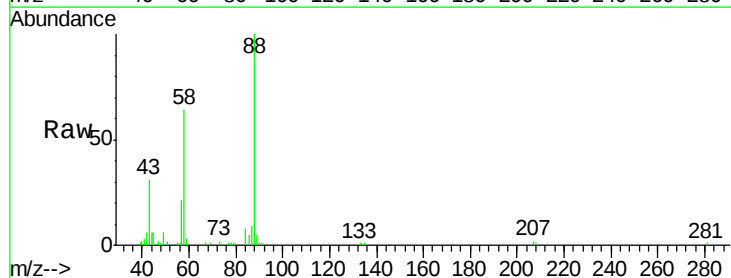
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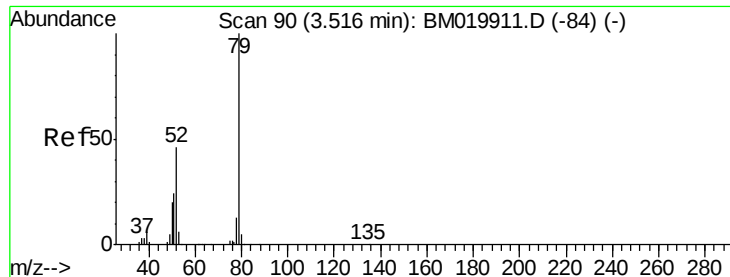


#2

1,4-Dioxane
Concen: 21.997 ng
RT: 3.09 min Scan# 18
Delta R.T. -0.01 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.9	49.6	74.4
43	24.5	18.6	27.8





#3

Pyridine

Concen: 20.088 ng

RT: 3.50 min Scan# 87

Delta R.T. -0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

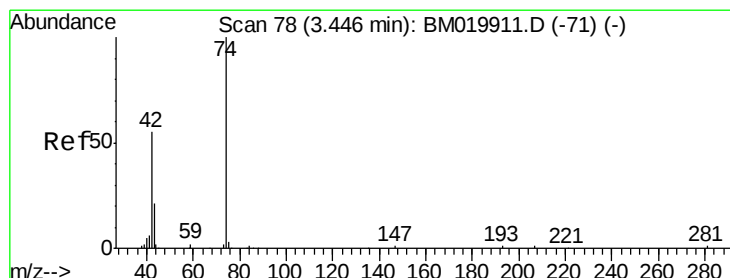
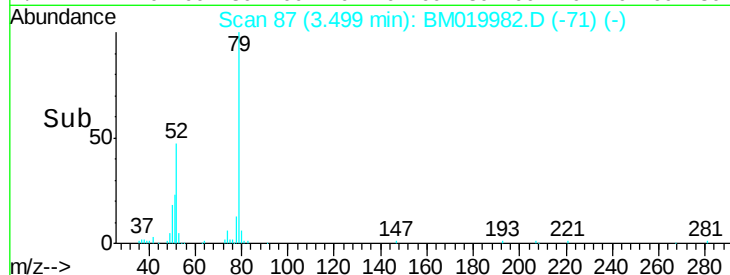
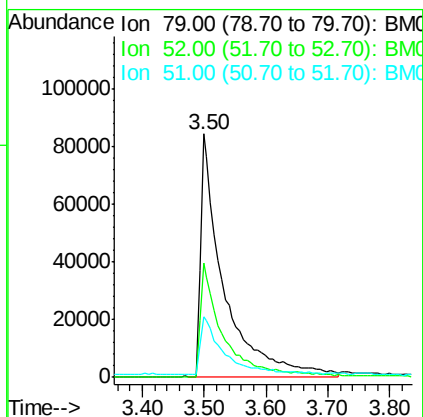
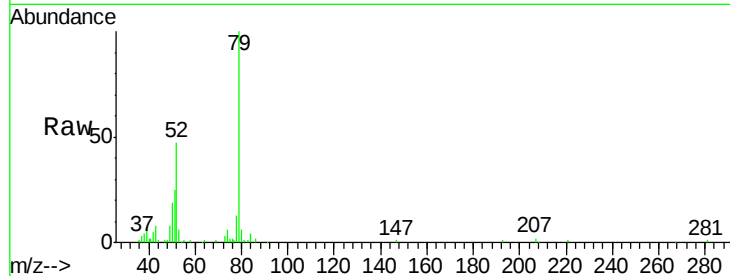
ClientSampleId :

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Tgt Ion:	79	Resp:	222909
Ion	Ratio	Lower	Upper
79	100		
52	46.8	36.9	55.3
51	25.0	20.0	30.0

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#4

n-Nitrosodimethylamine

Concen: 23.698 ng

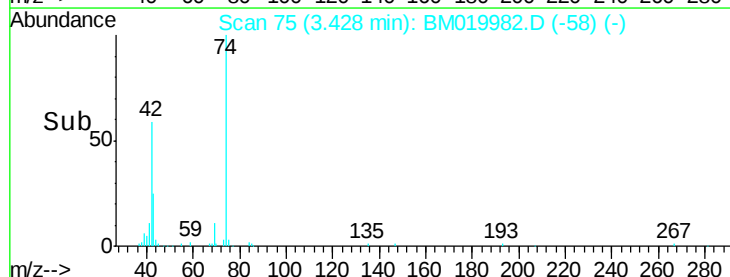
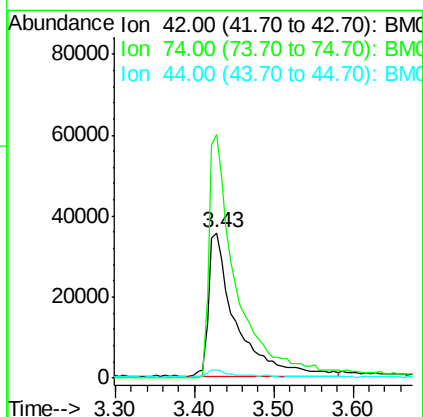
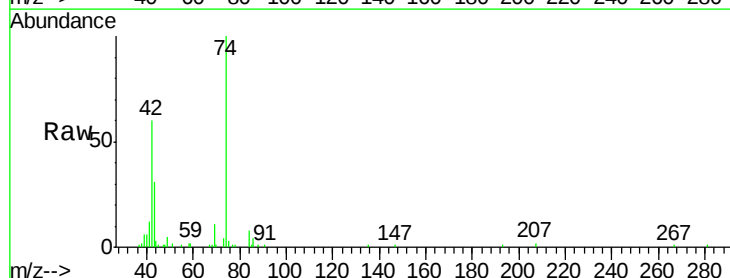
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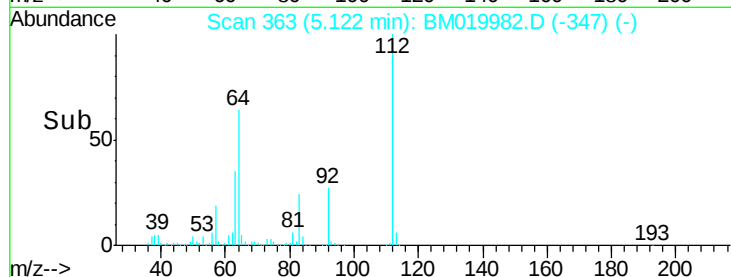
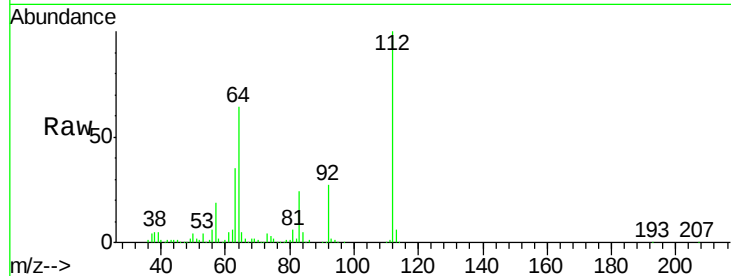
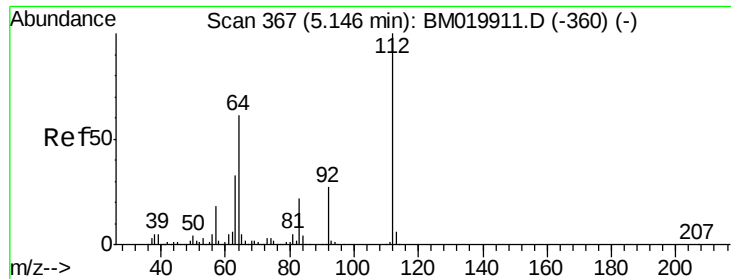
Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Tgt Ion:	42	Resp:	84712
Ion	Ratio	Lower	Upper
42	100		
74	167.8	144.6	217.0
44	5.6	5.4	8.2





#5

2-Fluorophenol

Concen: 76.998 ng

RT: 5.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	706995		
64	64.4	49.1	73.7	
63	34.9	26.5	39.7	

Instrument :

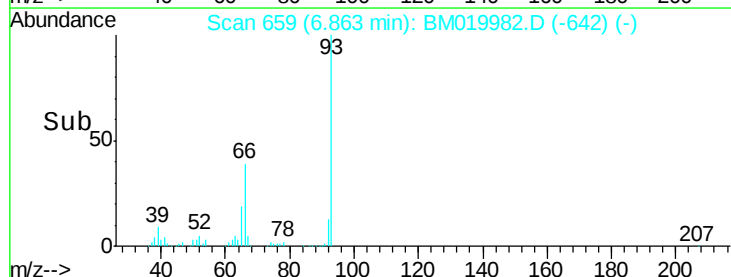
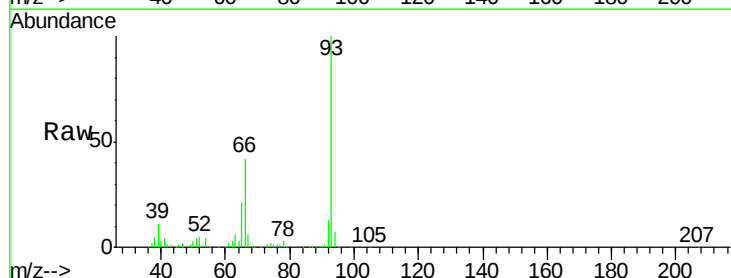
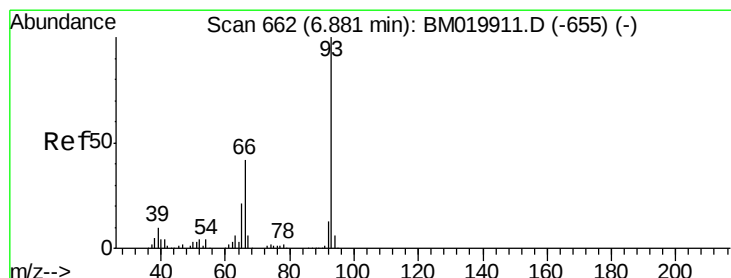
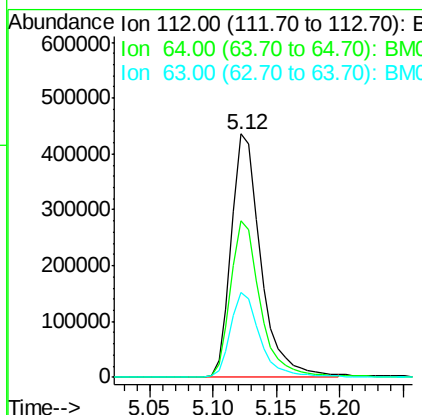
BNA_M

ClientSampled :

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#6

Aniline

Concen: 21.040 ng

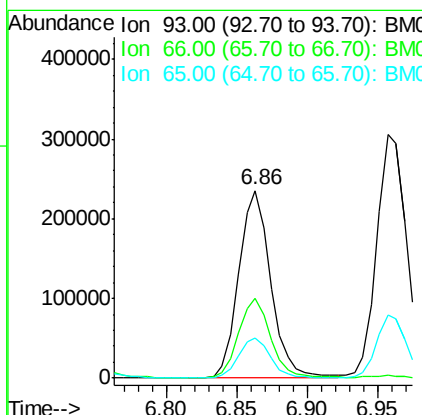
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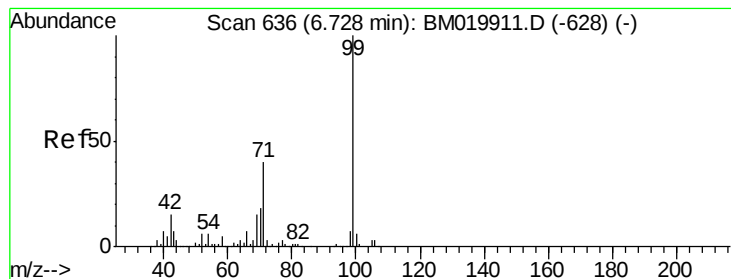
Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	375515		
66	42.3	33.9	50.9	
65	21.5	17.0	25.6	





#7

Phenol-d6

Concen: 47.552 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

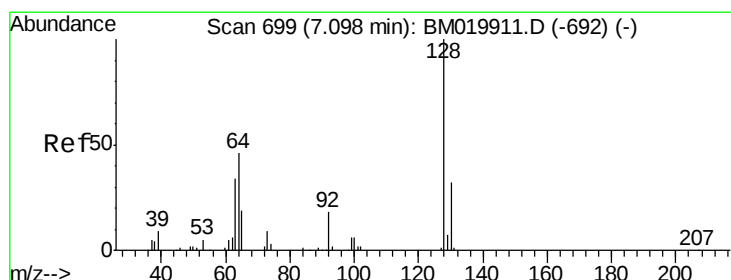
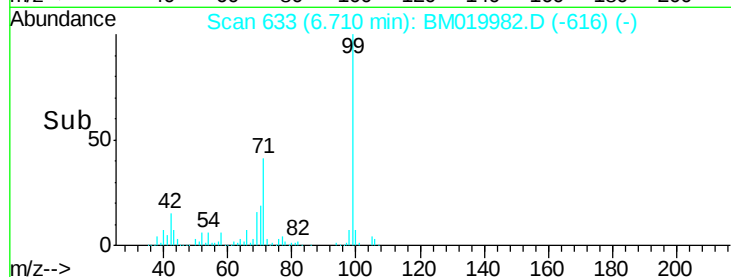
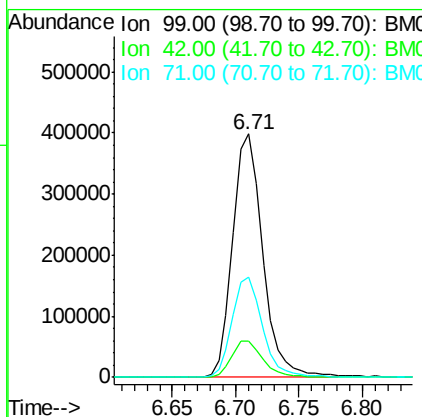
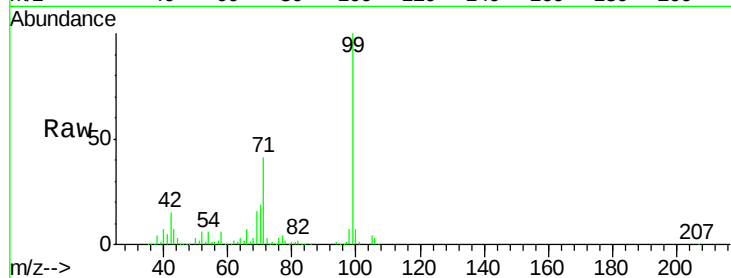
ClientSampled :

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Tgt Ion:	99	Resp:	657111
Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.8	17.8
71	41.3	32.0	48.0

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#8

2-Chlorophenol

Concen: 35.966 ng

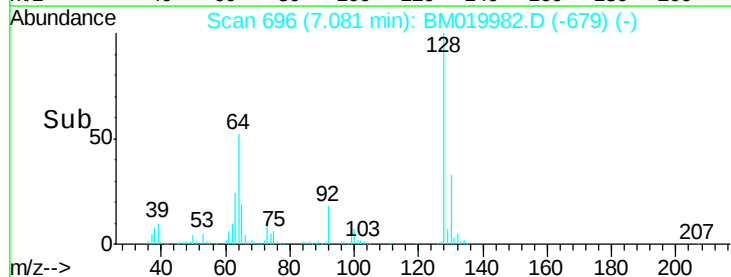
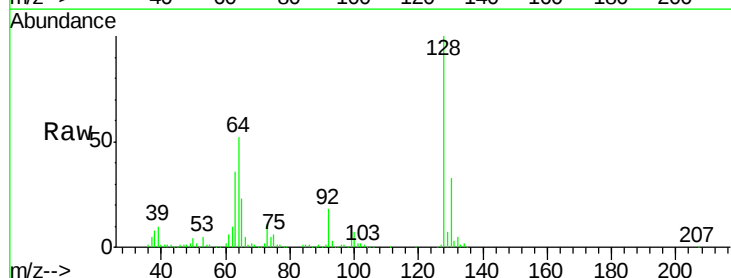
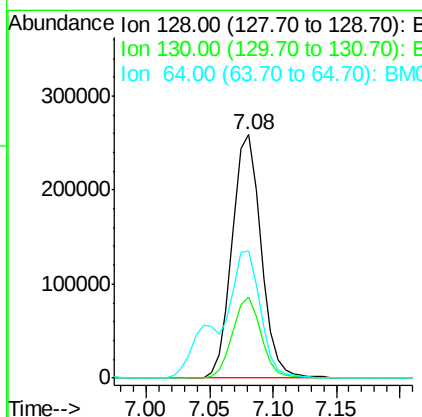
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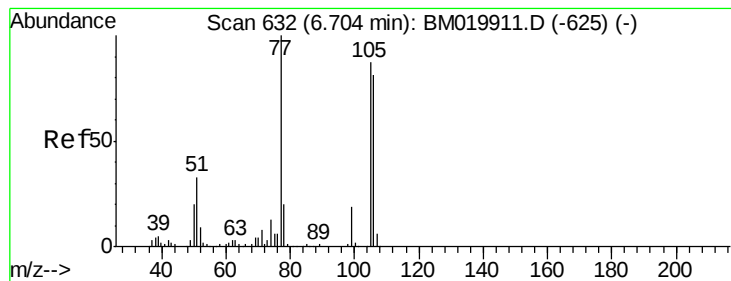
Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Tgt Ion:	128	Resp:	410733
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.0	52.0
64	52.0	33.0	73.0





#9

Benzaldehyde

Concen: 17.619 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.00 min

Lab File: BM019982.D

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BNA_M

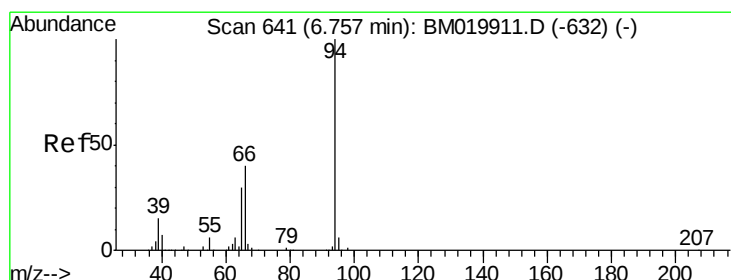
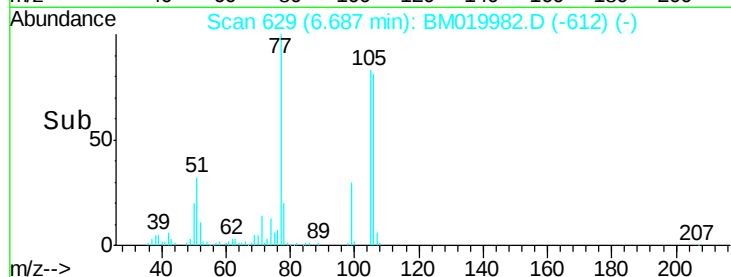
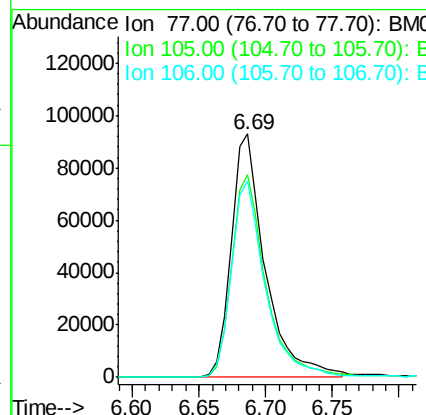
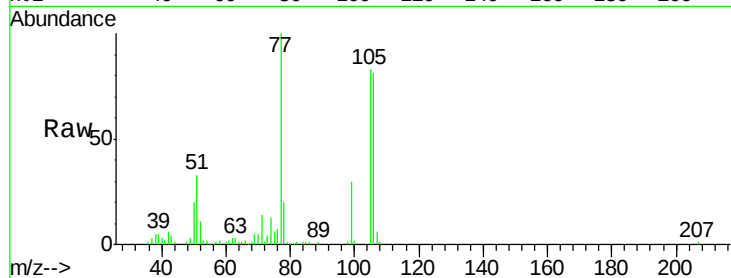
ClientSampleId :

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Tgt Ion:	77	Resp:	165678
Ion	Ratio	Lower	Upper
77	100		
105	83.3	67.3	107.3
106	80.7	60.6	100.6

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#10

Phenol

Concen: 15.489 ng

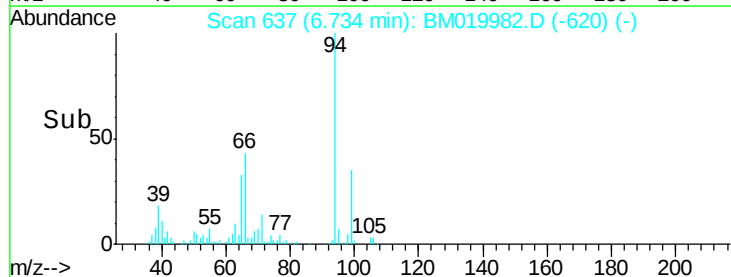
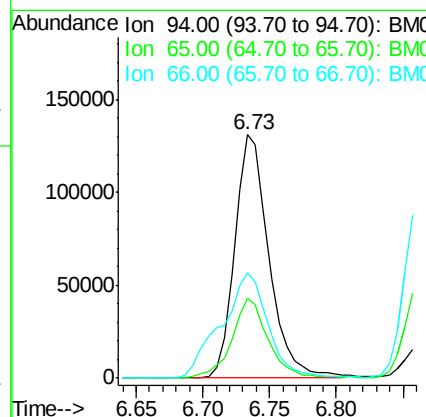
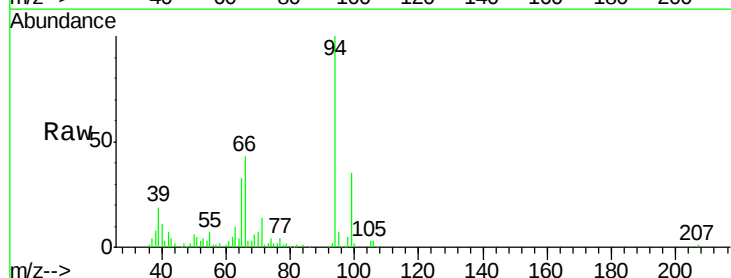
RT: 6.73 min Scan# 637

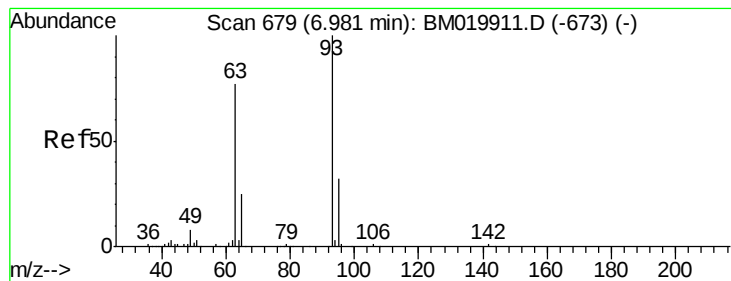
Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Tgt Ion:	94	Resp:	233845
Ion	Ratio	Lower	Upper
94	100		
65	32.8	10.0	50.0
66	43.5	20.2	60.2





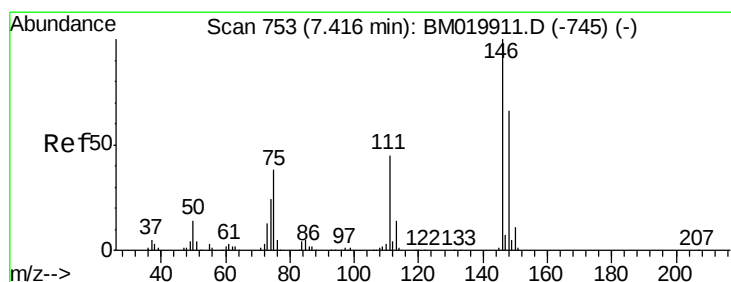
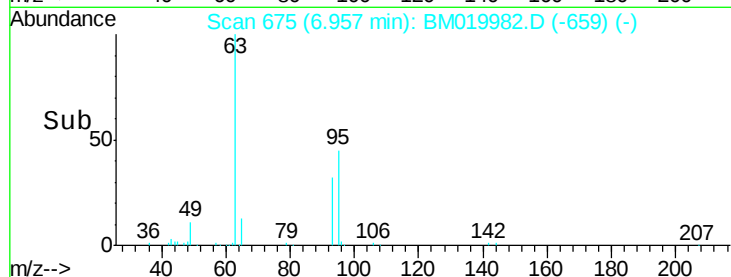
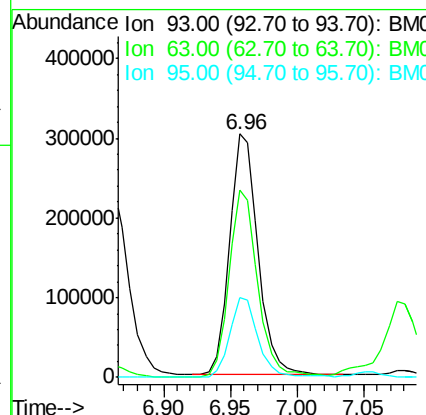
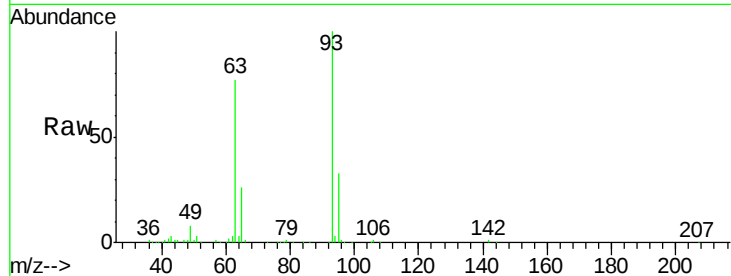
#11
bis(2-Chloroethyl)ether
Concen: 40.796 ng
RT: 6.96 min Scan# 675
Delta R.T. -0.01 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	450657		
63	77.1	55.8	95.8	
95	32.5	11.6	51.6	

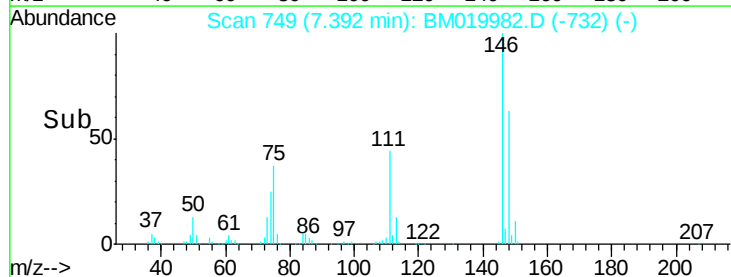
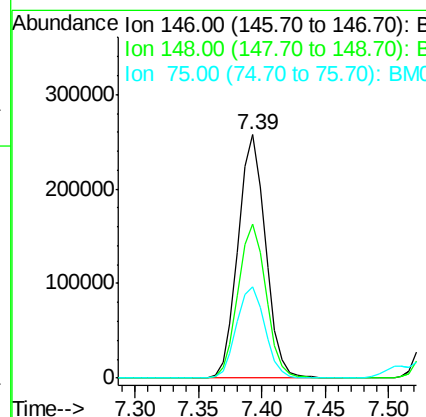
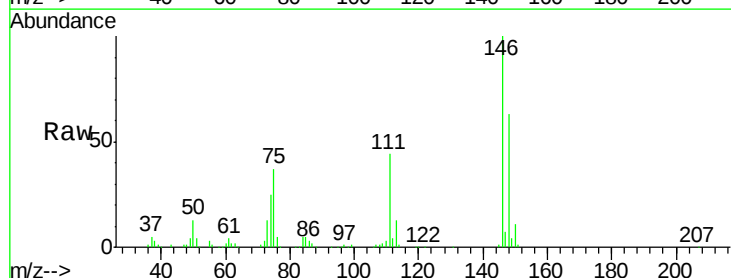
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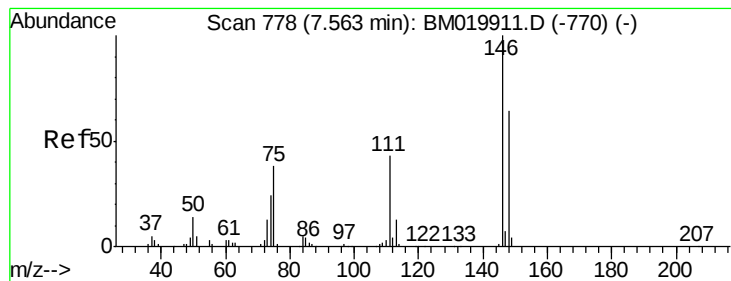
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#12
1,3-Dichlorobenzene
Concen: 32.231 ng
RT: 7.39 min Scan# 749
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	386425		
148	63.4	52.6	78.8	
75	37.4	30.0	45.0	





#13

1,4-Dichlorobenzene

Concen: 33.197 ng

RT: 7.55 min Scan# 775

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

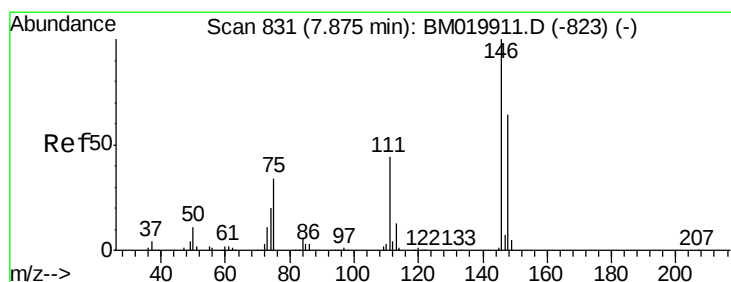
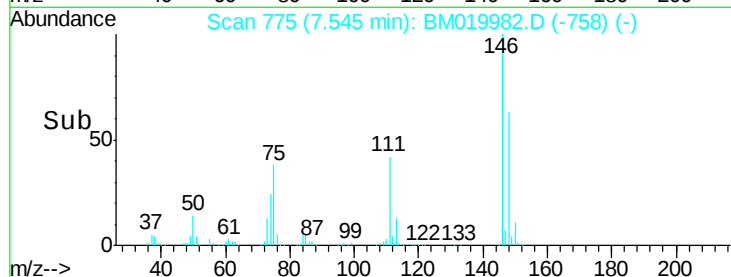
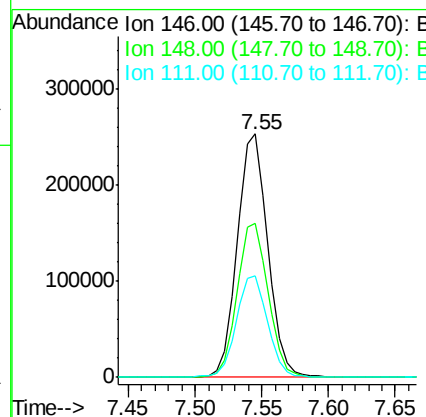
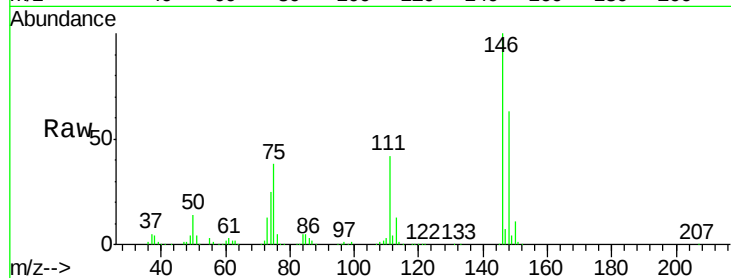
ClientSampleId :

GMW-7MS

Tgt Ion:	146	Resp:	403816
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.1	76.7
111	41.9	34.6	51.8

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#14

1,2-Dichlorobenzene

Concen: 33.726 ng

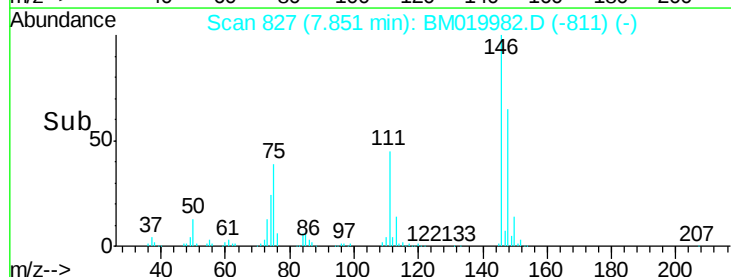
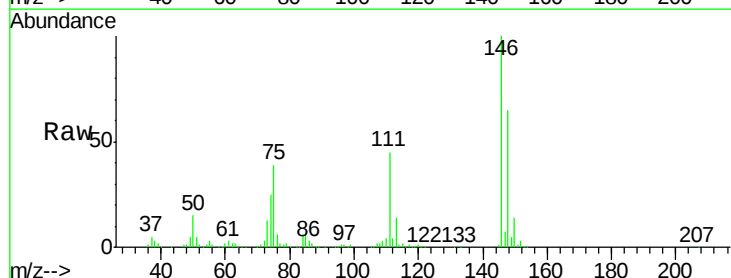
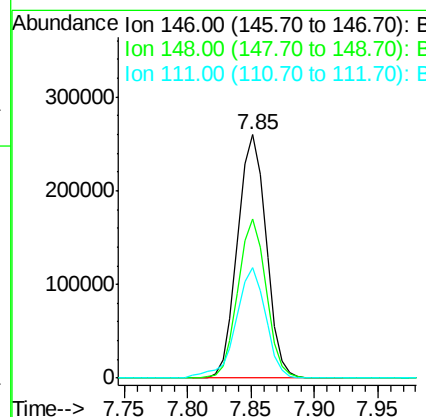
RT: 7.85 min Scan# 827

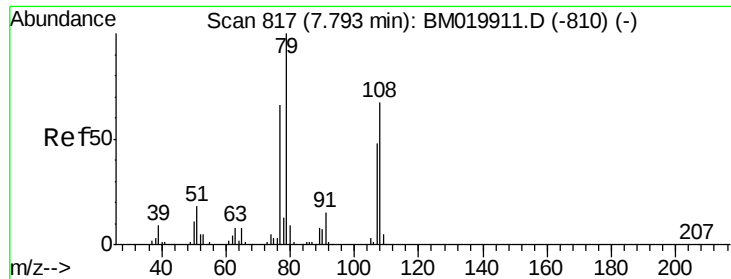
Delta R.T. -0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Tgt Ion:	146	Resp:	406774
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.4	77.2
111	45.1	35.4	53.0





#15

Benzyl Alcohol

Concen: 30.898 ng

RT: 7.77 min Scan# 814

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

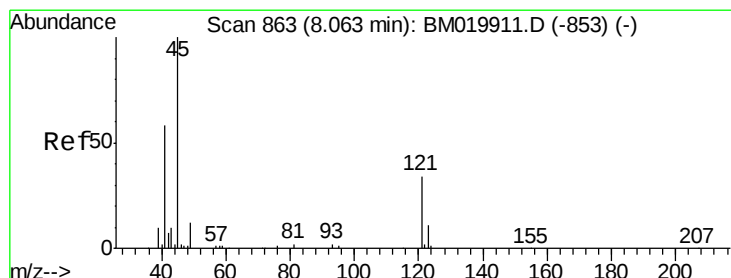
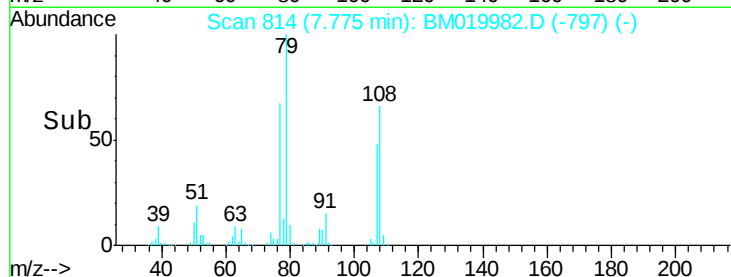
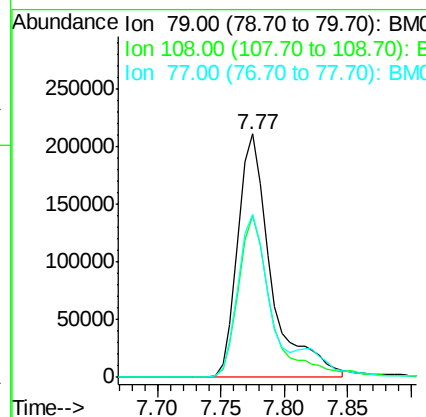
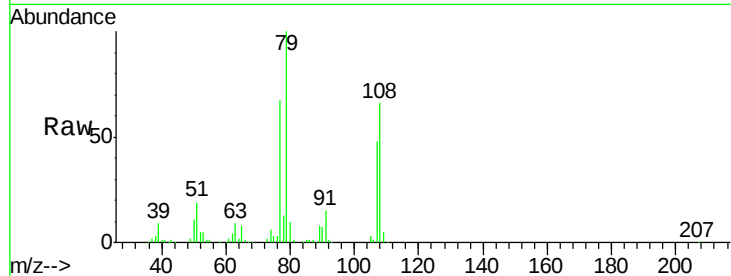
ClientSampled :

GMW-7MS

Tgt Ion:	79	Resp:	388155
Ion Ratio	Lower	Upper	
79	100		
108	66.3	53.9	80.9
77	66.7	53.1	79.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.029 ng

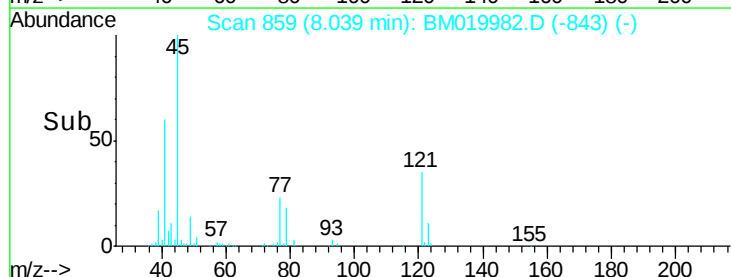
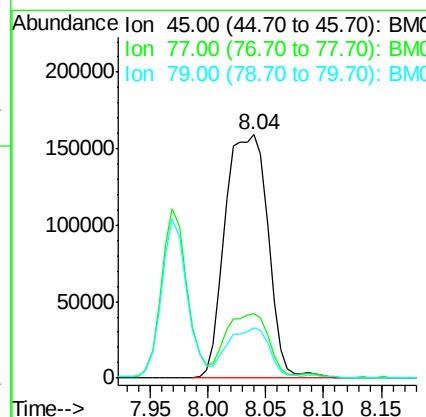
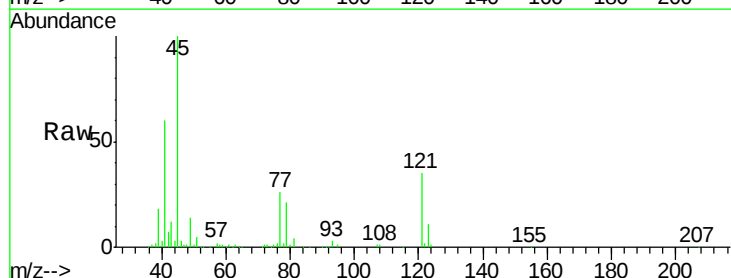
RT: 8.04 min Scan# 859

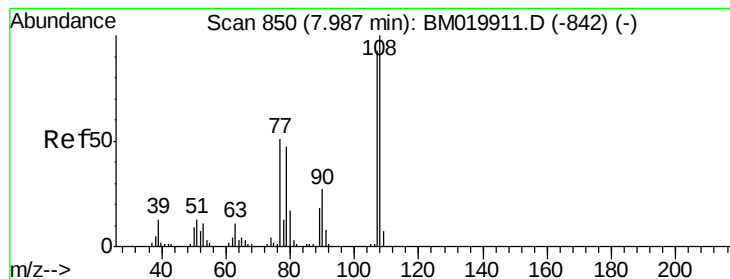
Delta R.T. -0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Tgt Ion:	45	Resp:	410988
Ion Ratio	Lower	Upper	
45	100		
77	26.4	7.2	47.2
79	20.7	1.2	41.2





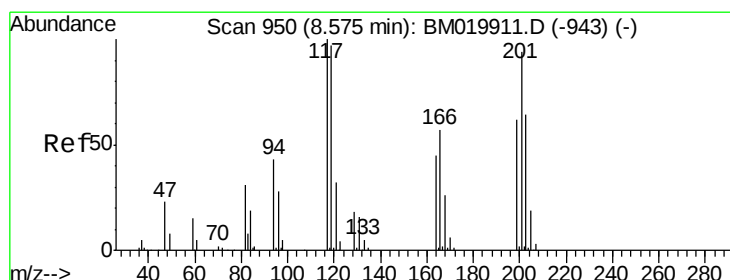
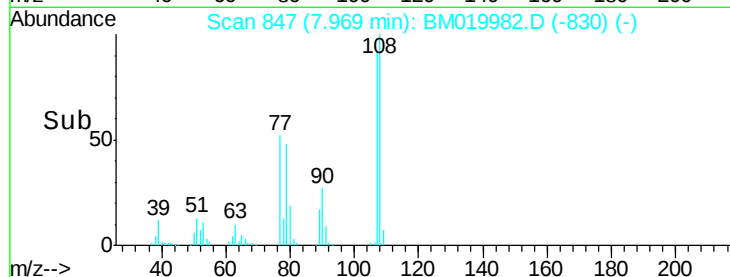
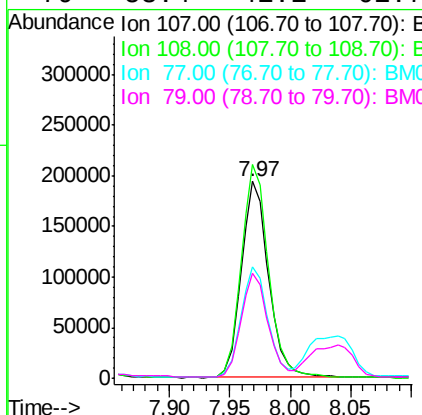
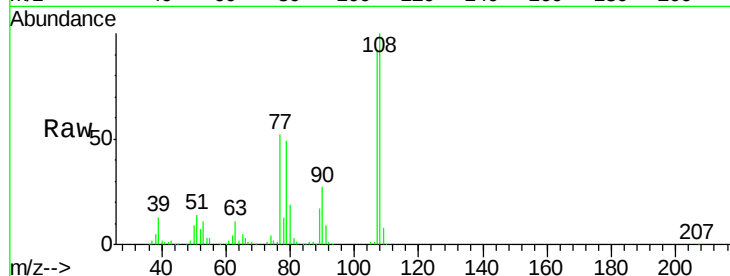
#17
2-Methylphenol
Concen: 30.560 ng
RT: 7.97 min Scan# 847
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	305366		
108	108.4	85.9	128.9	
77	56.7	43.8	65.6	
79	53.4	41.1	61.7	

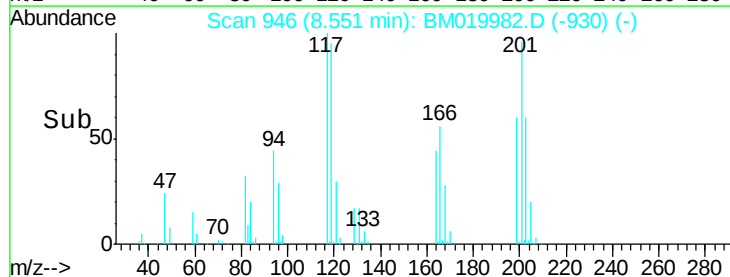
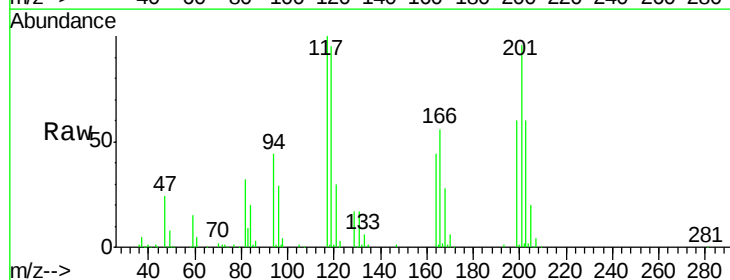
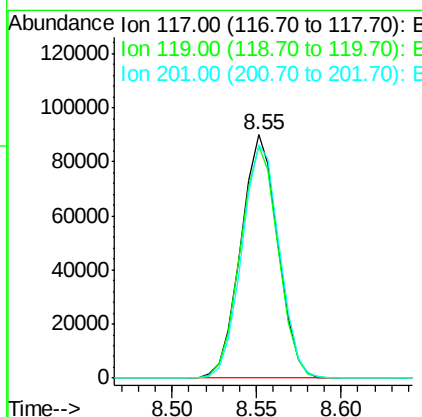
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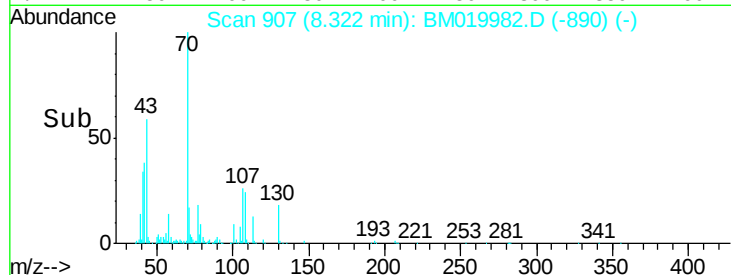
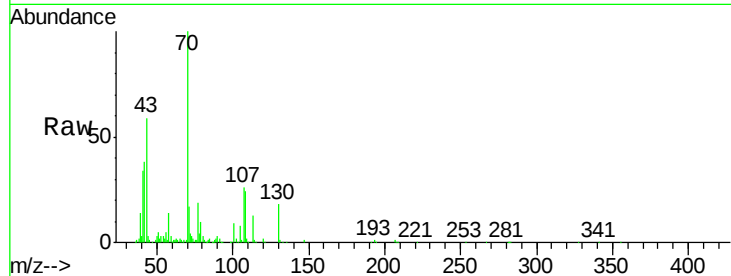
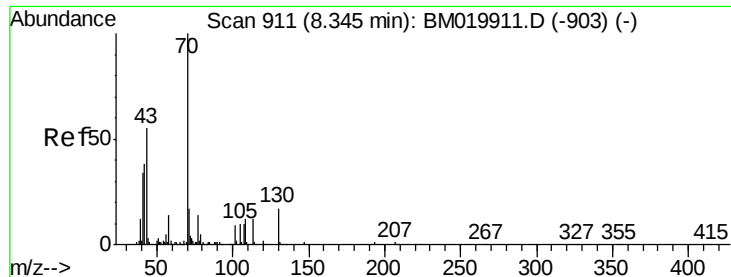
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#18
Hexachloroethane
Concen: 29.079 ng
RT: 8.55 min Scan# 946
Delta R.T. -0.01 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	137495		
119	95.1	77.6	116.4	
201	95.9	75.4	113.2	





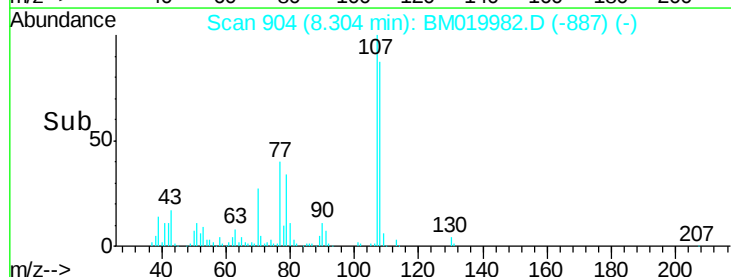
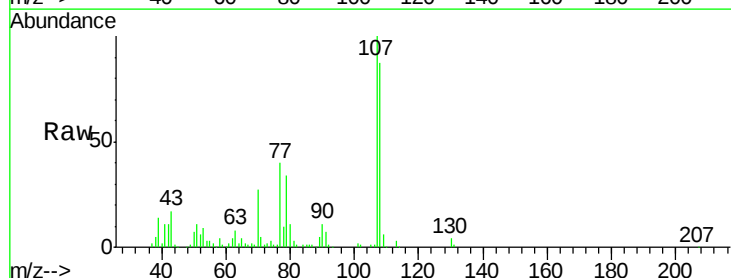
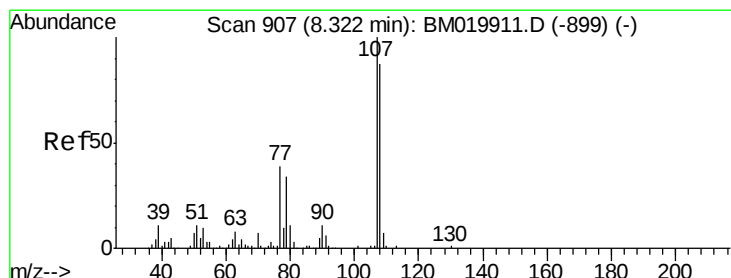
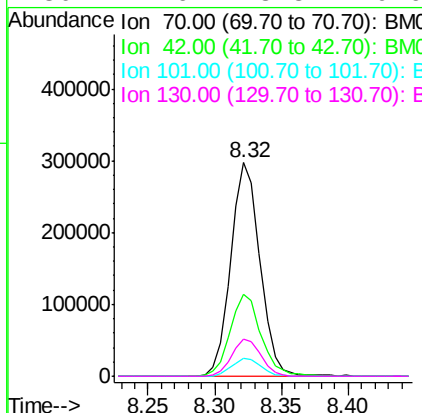
#19
n-Nitroso-di-n-propylamine
Concen: 37.394 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	38.3	30.3	45.5
101	8.5	6.9	10.3
130	17.6	13.8	20.6

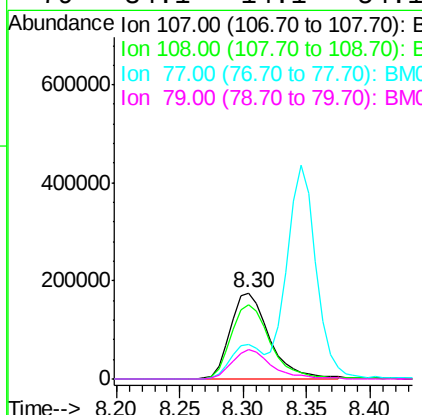
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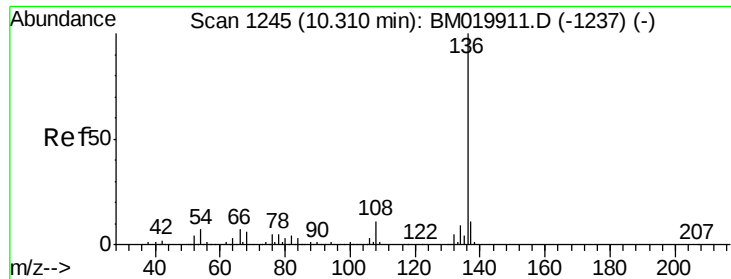
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#20
3+4-Methylphenols
Concen: 27.415 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	67.4	107.4
77	40.0	19.7	59.7
79	34.1	14.1	54.1





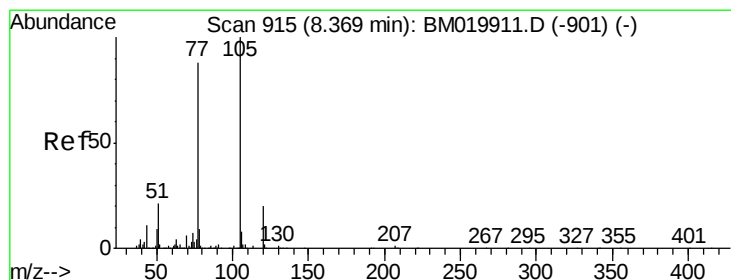
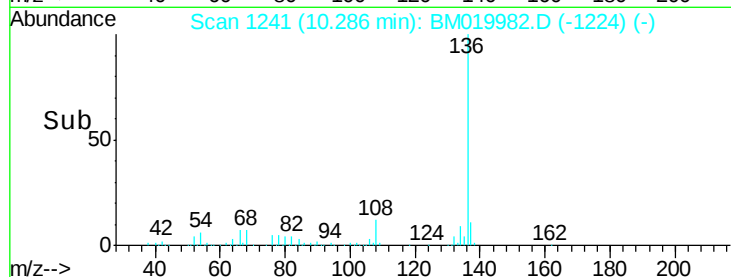
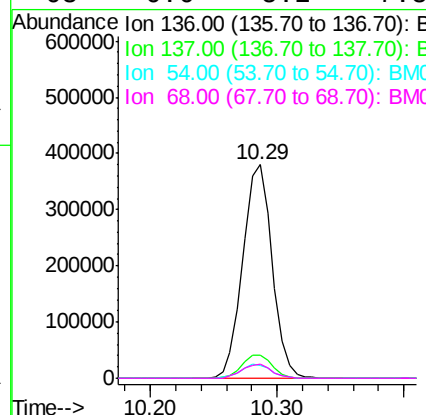
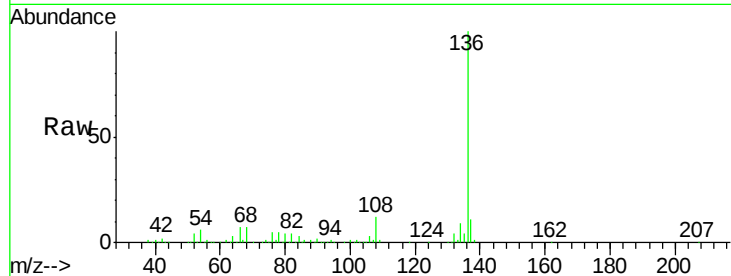
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	609208		
137	10.8	9.0	13.6	
54	6.2	5.3	7.9	
68	6.6	5.2	7.8	

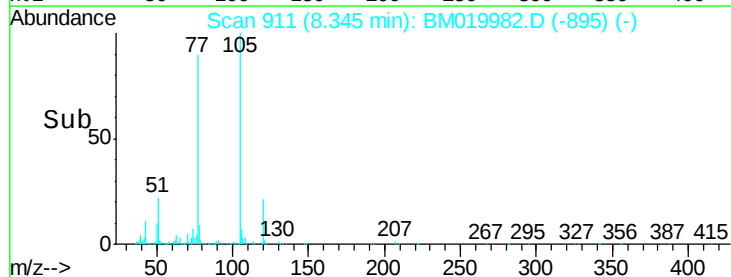
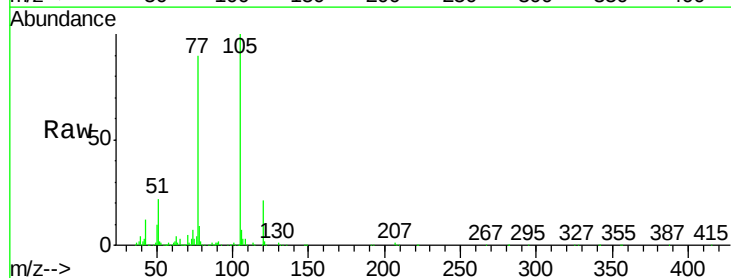
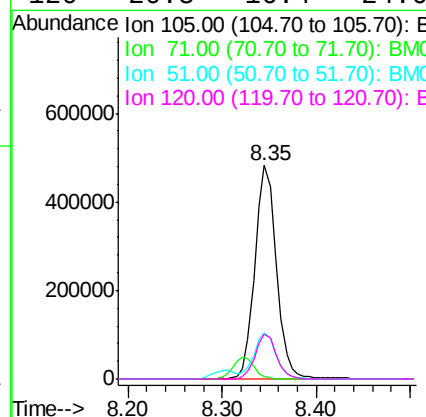
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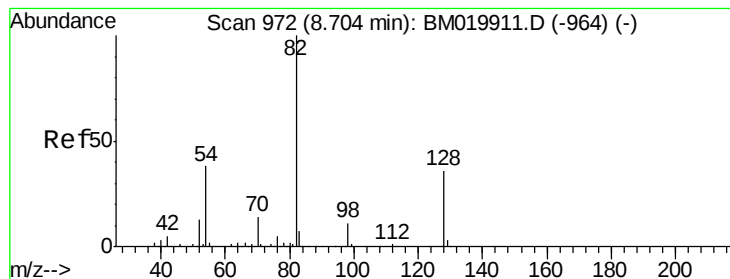
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#22
Acetophenone
Concen: 46.479 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	771219		
71	0.9	0.8	1.2	
51	21.6	16.9	25.3	
120	20.8	16.4	24.6	





#23

Nitrobenzene-d5

Concen: 95.146 ng

RT: 8.69 min Scan# 969

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

ClientSampled :

GMW-7MS

Tgt Ion: 82 Resp: 1296110

Ion Ratio Lower Upper

82 100

128 37.5 29.0 43.4

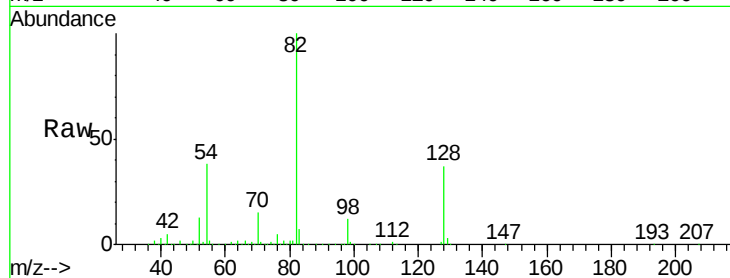
54 38.1 30.2 45.4

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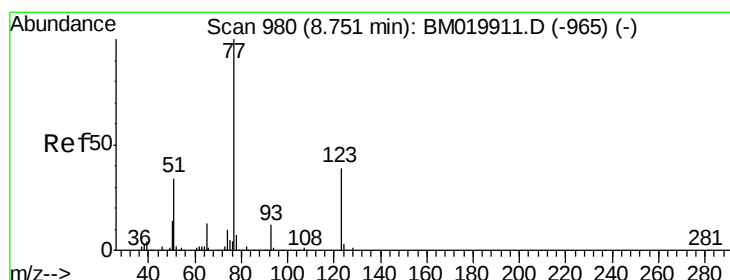
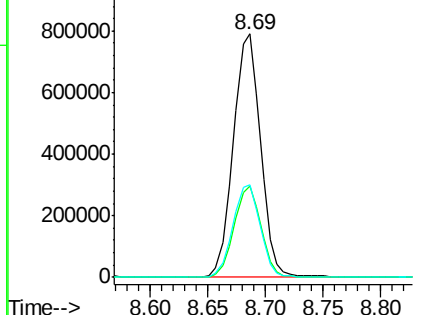
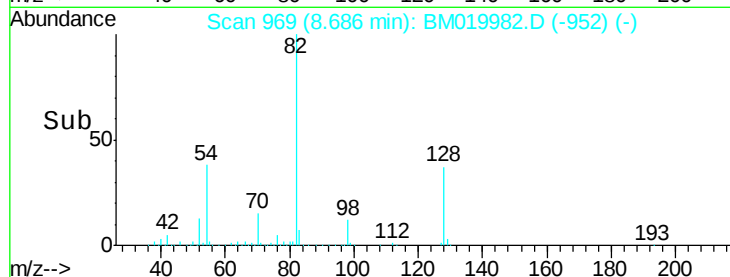
4/23/2019 8:19:18 AM



Abundance Ion 82.00 (81.70 to 82.70): BM019982.D (-952) (-)

Ion 128.00 (127.70 to 128.70): BM019982.D (-952) (-)

Ion 54.00 (53.70 to 54.70): BM019982.D (-952) (-)



#24

Nitrobenzene

Concen: 46.108 ng

RT: 8.73 min Scan# 976

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

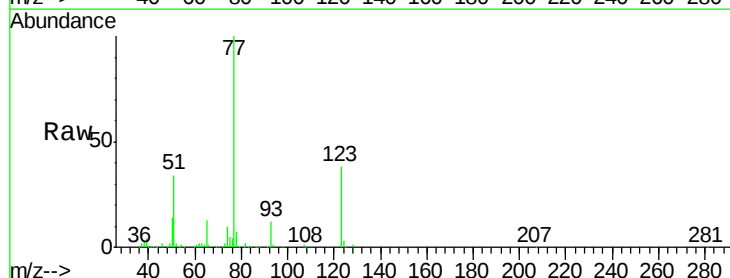
Tgt Ion: 77 Resp: 650668

Ion Ratio Lower Upper

77 100

123 38.2 31.0 46.4

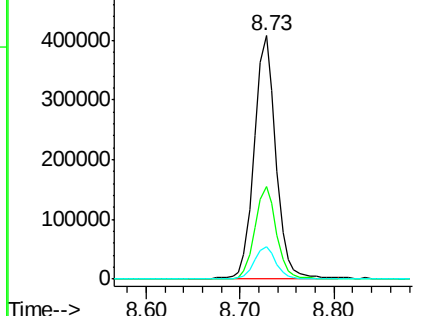
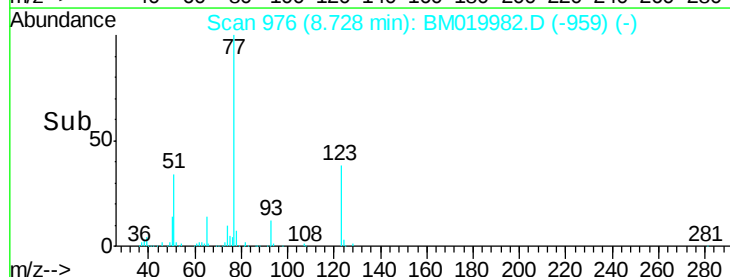
65 13.5 10.6 16.0

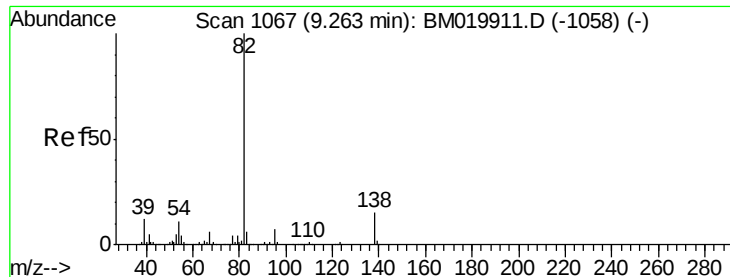


Abundance Ion 77.00 (76.70 to 77.70): BM019982.D (-959) (-)

Ion 123.00 (122.70 to 123.70): BM019982.D (-959) (-)

Ion 65.00 (64.70 to 65.70): BM019982.D (-959) (-)





#25

Isophorone

Concen: 43.627 ng

RT: 9.24 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

ClientSampleId :

GMW-7MS

Tgt Ion: 82 Resp: 1156877

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

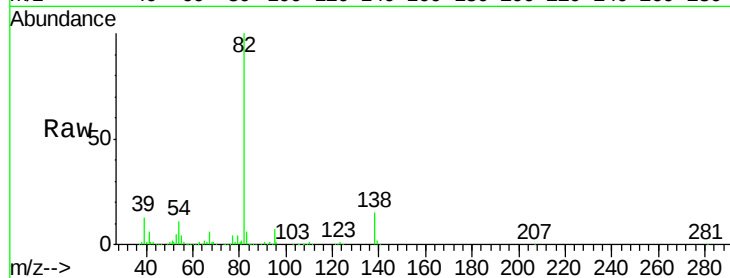
138 15.2 12.2 18.2

Manual Integrations

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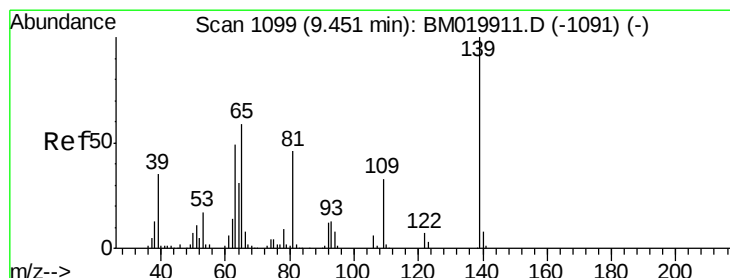
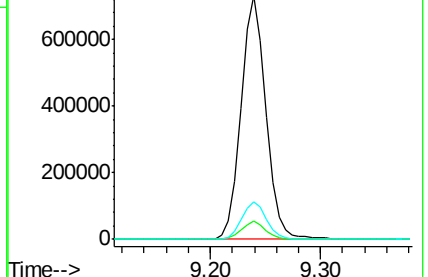
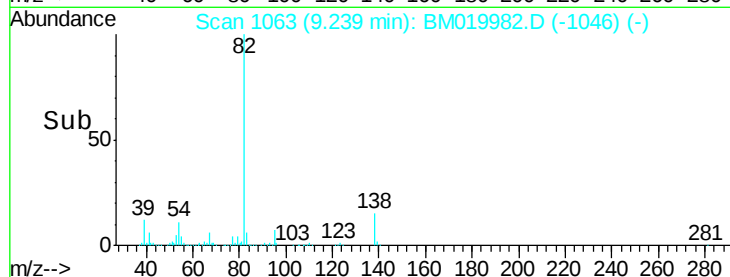
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Abundance Ion 82.00 (81.70 to 82.70): BM019982.D (-1046) (-)

Ion 95.00 (94.70 to 95.70): BM019982.D (-1046) (-)

Ion 138.00 (137.70 to 138.70): BM019982.D (-1046) (-)



#26

2-Nitrophenol

Concen: 41.674 ng

RT: 9.43 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

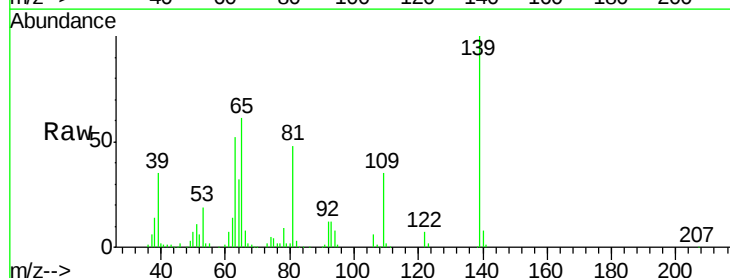
Tgt Ion: 139 Resp: 250614

Ion Ratio Lower Upper

139 100

109 34.8 26.3 39.5

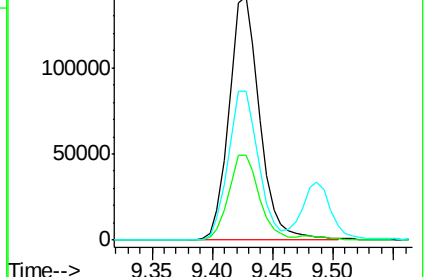
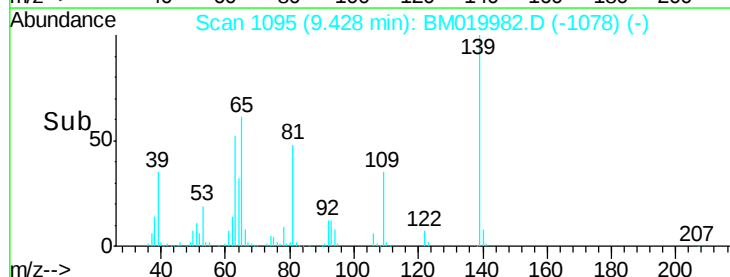
65 61.3 47.4 71.2

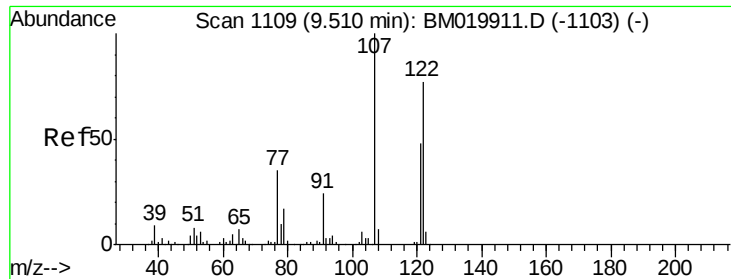


Abundance Ion 139.00 (138.70 to 139.70): BM019982.D (-1078) (-)

Ion 109.00 (108.70 to 109.70): BM019982.D (-1078) (-)

Ion 65.00 (64.70 to 65.70): BM019982.D (-1078) (-)





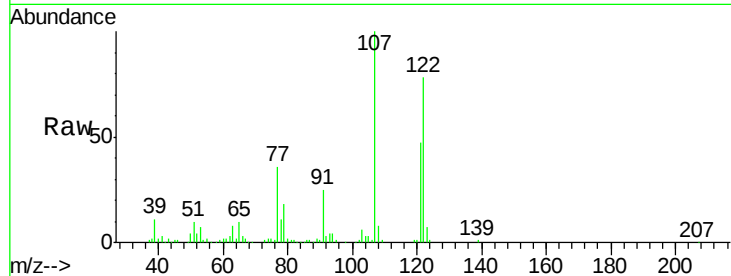
#27
 2,4-Dimethylphenol
 Concen: 46.778 ng
 RT: 9.49 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BM019982.D
 Acq: 19 Apr 2019 19:26

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	127.6	103.1	154.7
121	60.2	49.8	74.8

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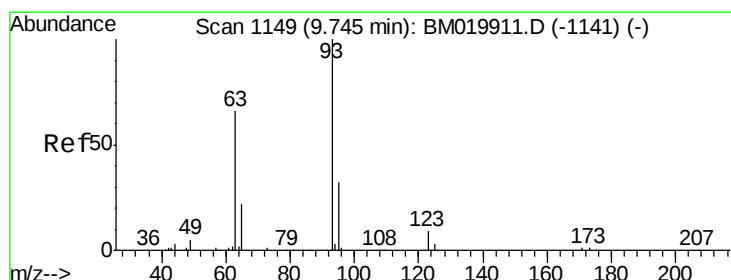
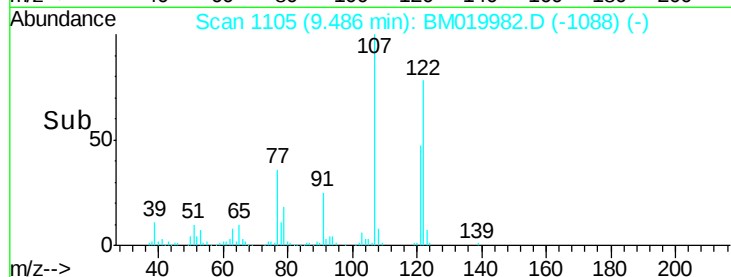
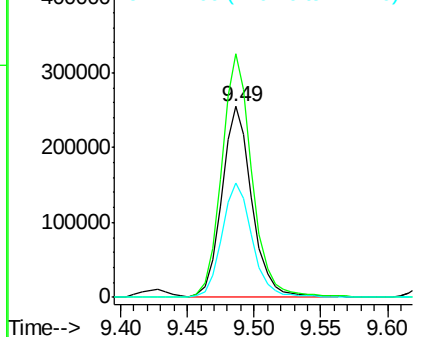


Abundance

Ion 122.00 (121.70 to 122.70): E

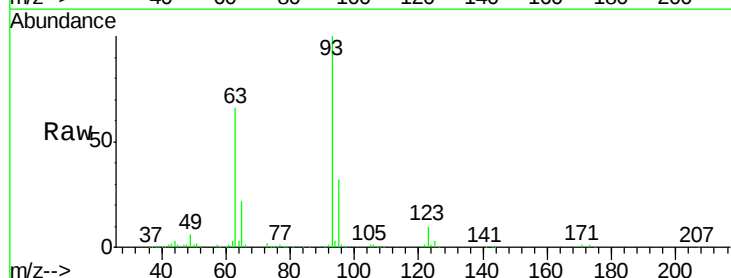
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.367 ng
 RT: 9.72 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BM019982.D
 Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.8	38.8
123	10.4	8.2	12.2

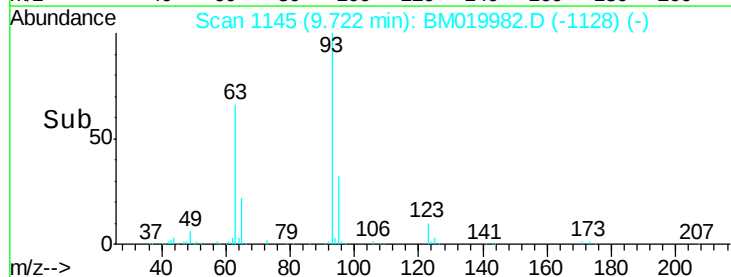
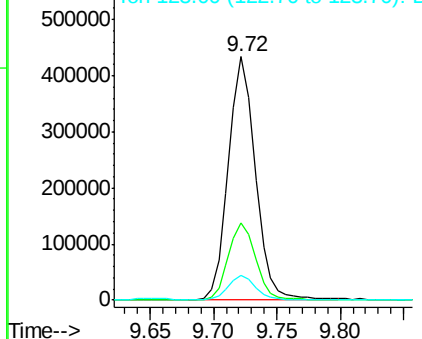


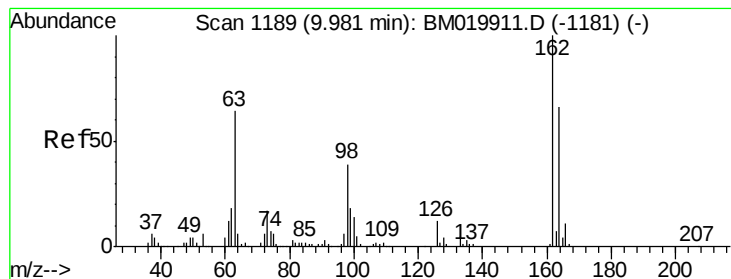
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.680 ng

RT: 9.96 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

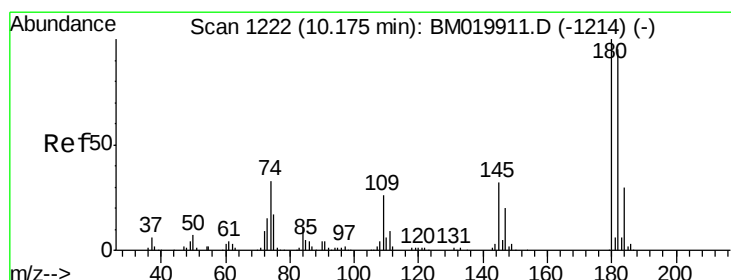
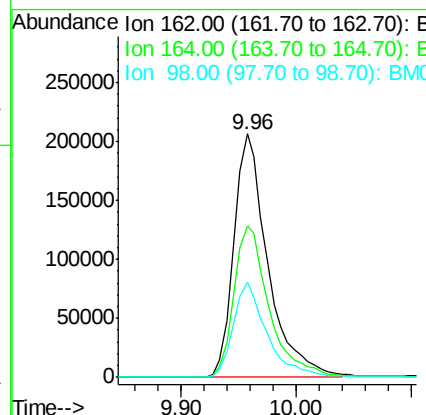
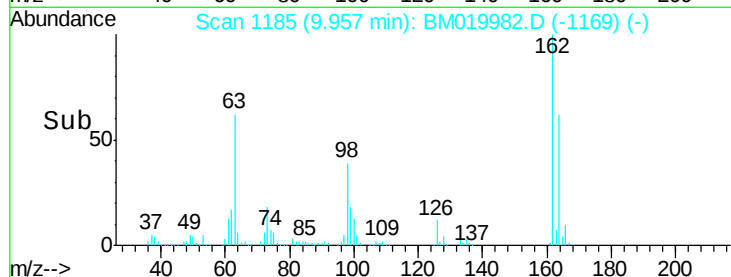
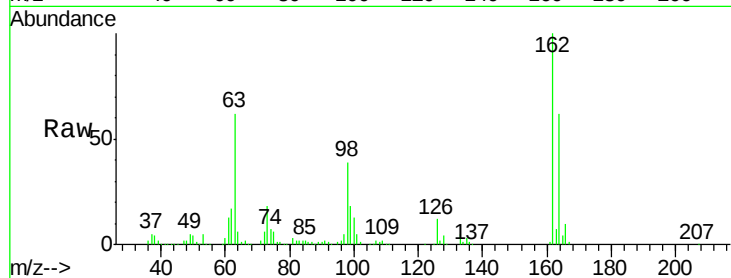
ClientSampled :

GMW-7MS

Tgt Ion:	162	Resp:	421813
Ion Ratio	Lower	Upper	
162	100		
164	62.2	46.3	86.3
98	39.2	19.2	59.2

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#30

1,2,4-Trichlorobenzene

Concen: 38.164 ng

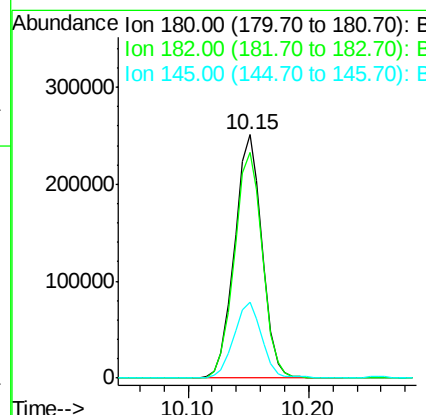
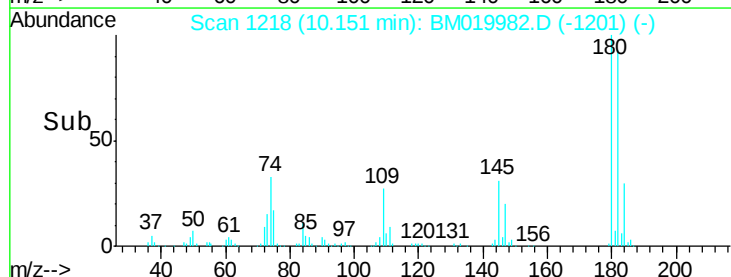
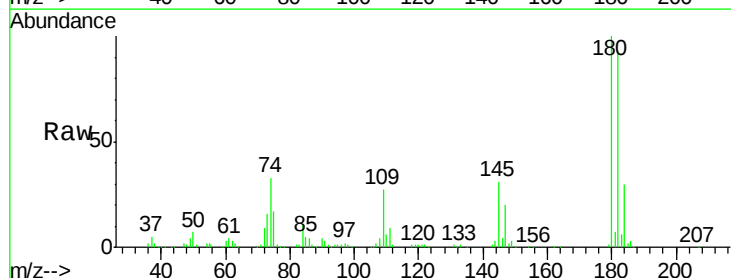
RT: 10.15 min Scan# 1218

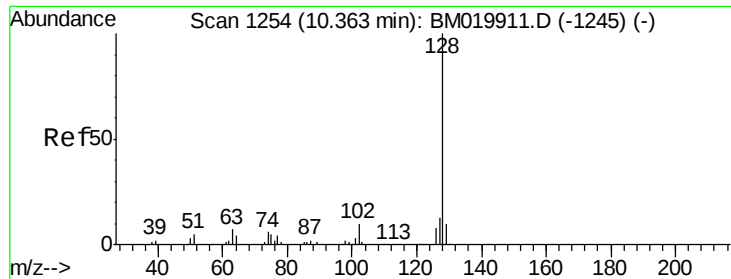
Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Tgt Ion:	180	Resp:	396665
Ion Ratio	Lower	Upper	
180	100		
182	92.8	76.3	114.5
145	31.0	25.5	38.3





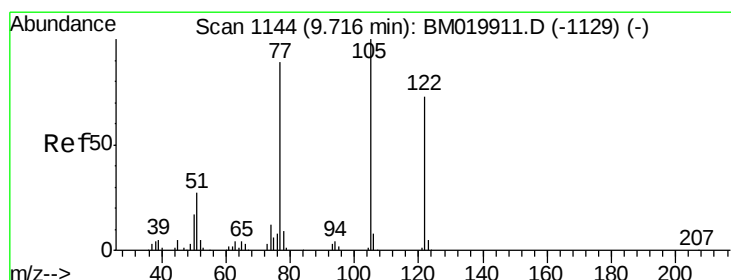
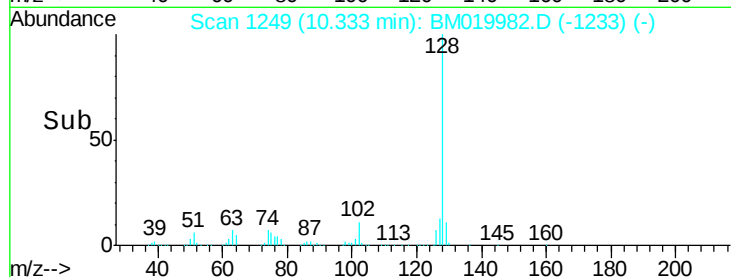
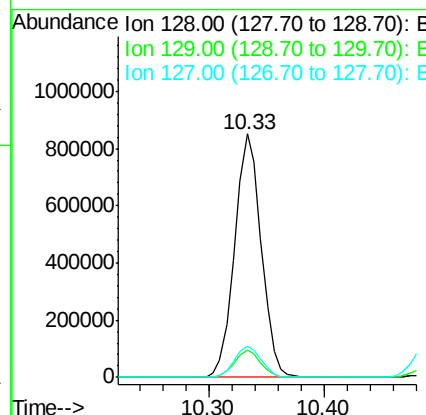
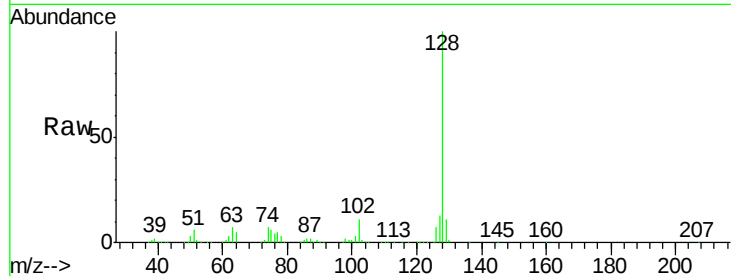
#31
Naphthalene
Concen: 41.324 ng
RT: 10.33 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.3	12.5
127	12.9	10.4	15.6

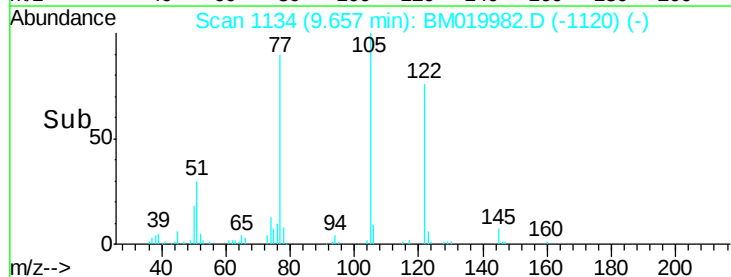
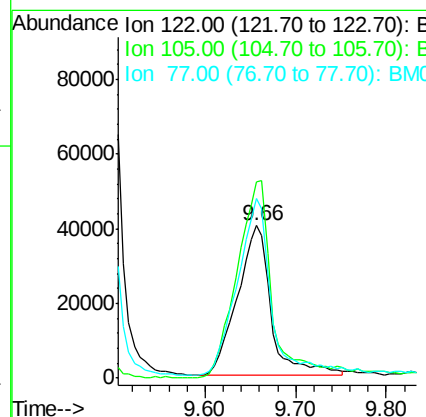
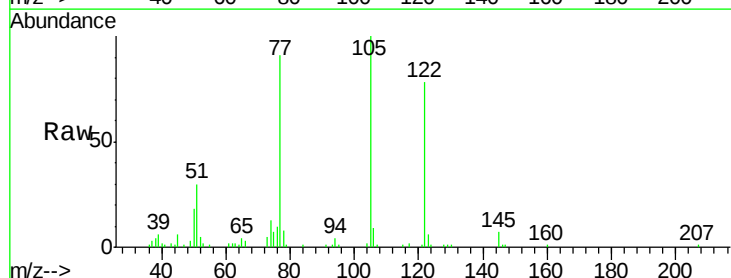
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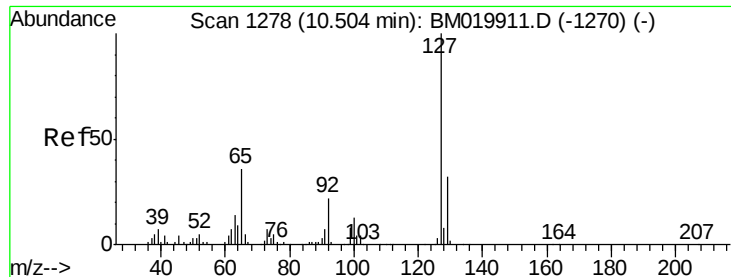
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#32
Benzoic acid
Concen: 16.739 ng
RT: 9.66 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.4	114.8	154.8
77	117.3	100.2	140.2





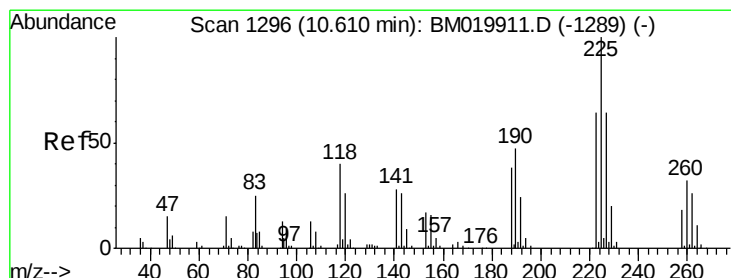
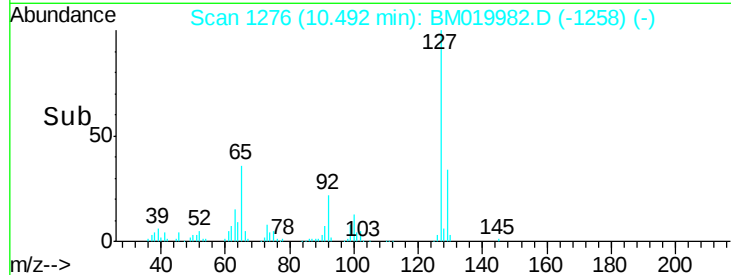
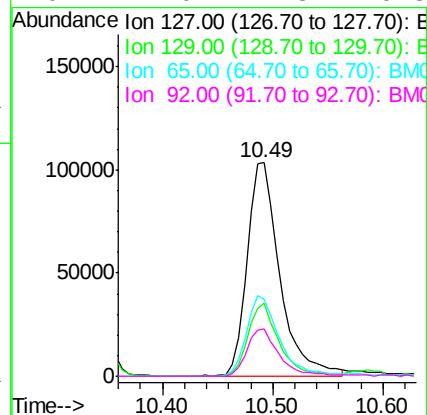
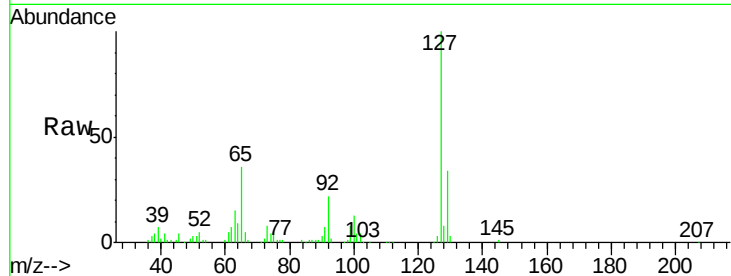
#33
4-Chloroaniline
Concen: 16.057 ng
RT: 10.49 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	216151		
129	34.2	25.4	38.0	
65	35.8	29.2	43.8	
92	22.0	17.5	26.3	

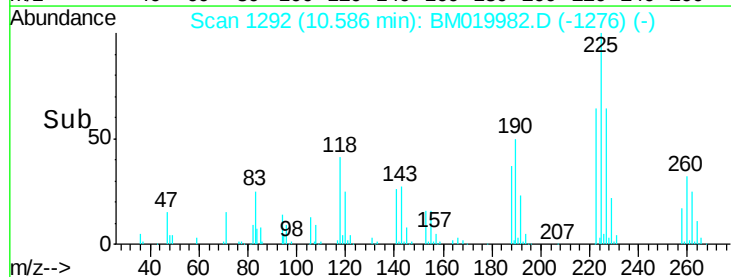
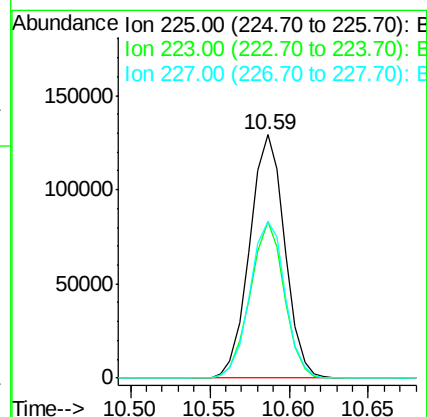
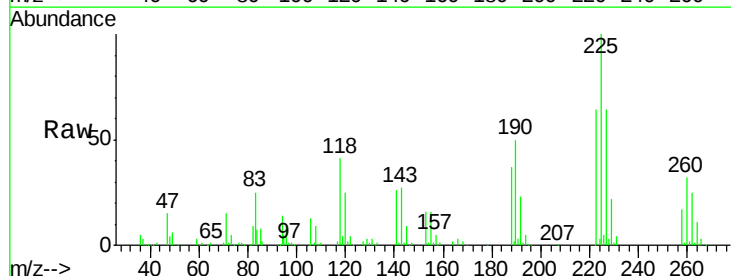
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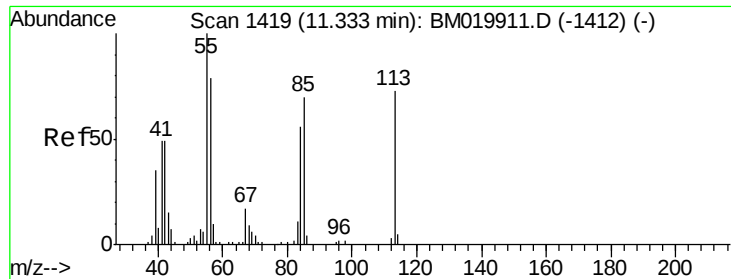
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#34
Hexachlorobutadiene
Concen: 32.354 ng
RT: 10.59 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	198333		
223	64.3	51.4	77.2	
227	64.3	51.0	76.6	





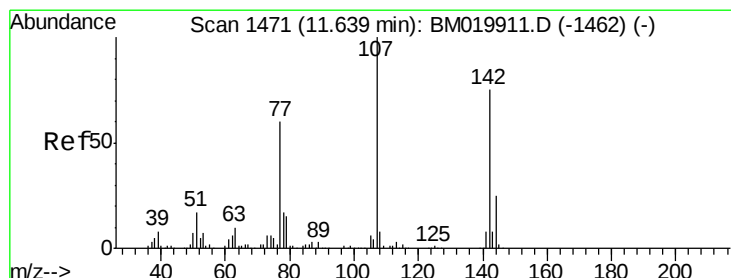
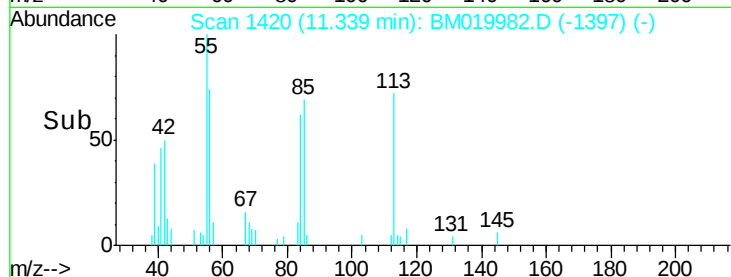
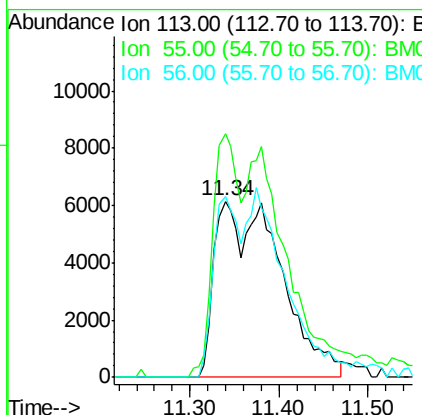
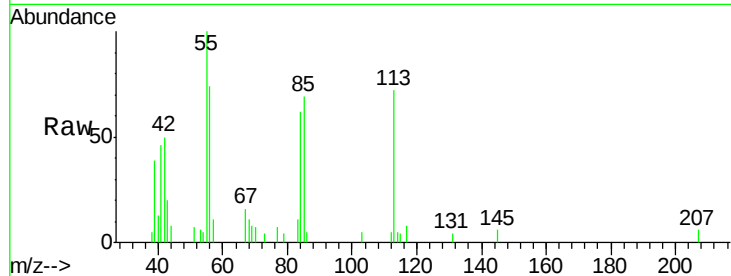
#35
 Caprolactam
 Concen: 8.544 ng m
 RT: 11.34 min Scan# 1420
 Delta R.T. 0.04 min
 Lab File: BM019982.D
 Acq: 19 Apr 2019 19:26

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	138.5	117.1	157.1
56	102.6	88.2	128.2

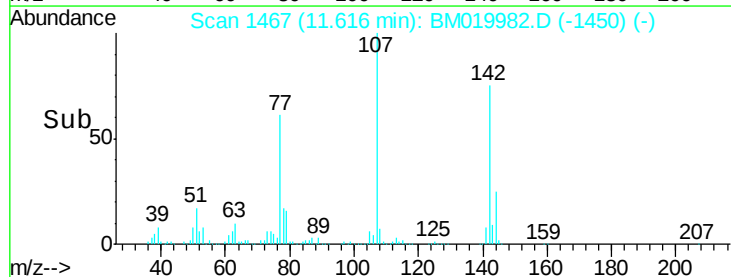
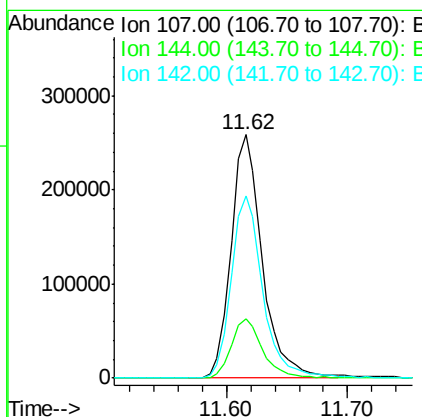
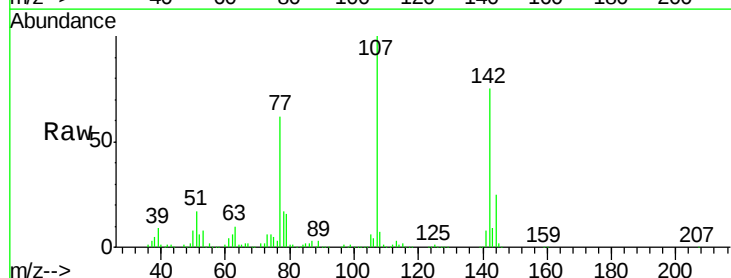
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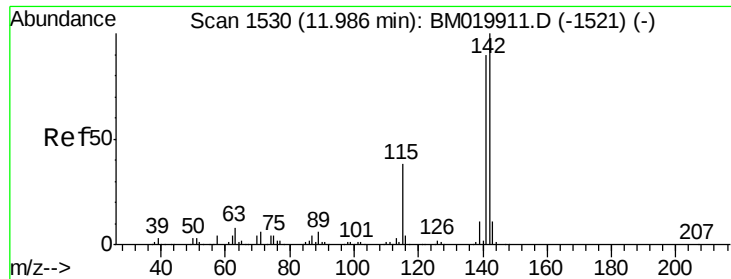
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#36
 4-Chloro-3-methylphenol
 Concen: 38.818 ng
 RT: 11.62 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BM019982.D
 Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.8	29.8
142	75.0	60.3	90.5





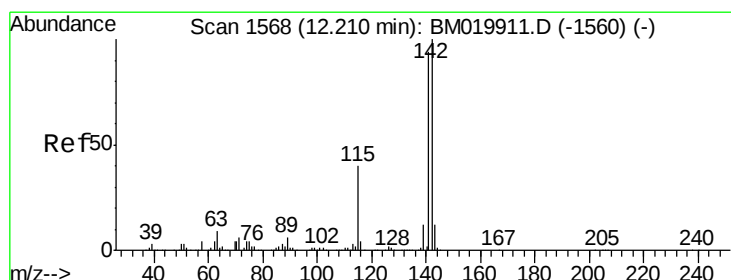
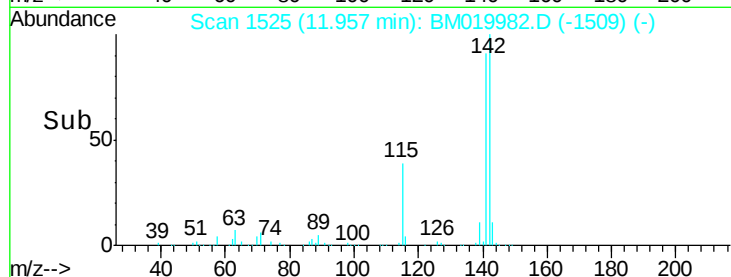
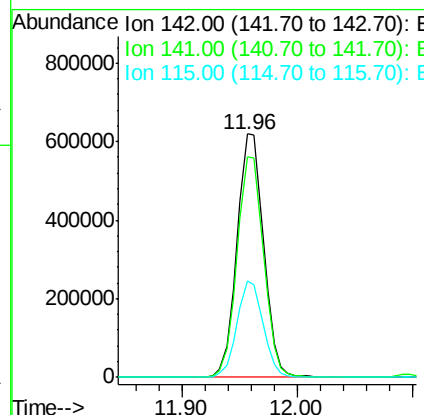
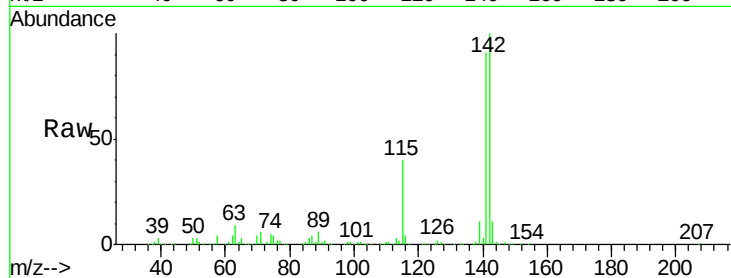
#37
 2-Methylnaphthalene
 Concen: 41.687 ng
 RT: 11.96 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BM019982.D
 Acq: 19 Apr 2019 19:26

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.3	108.5
115	39.6	30.5	45.7

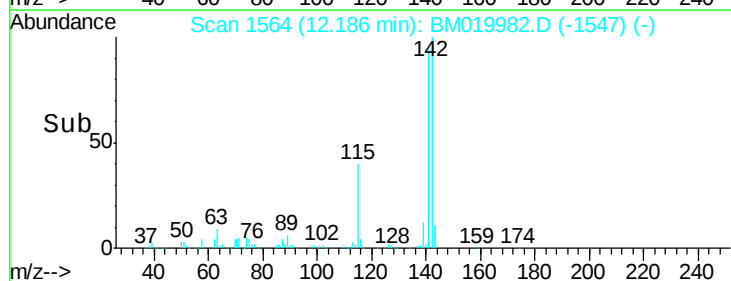
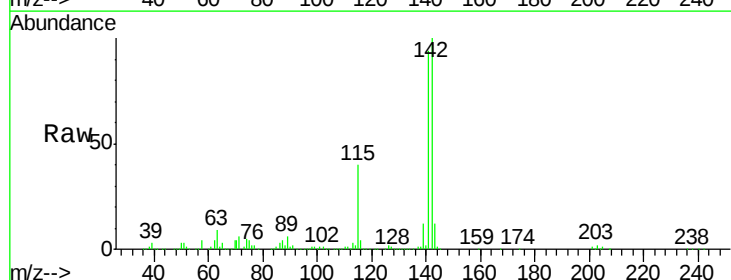
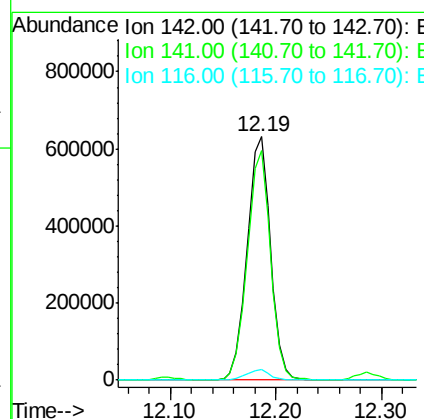
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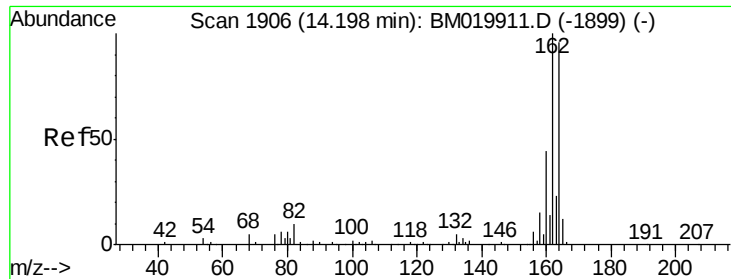
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#38
 1-Methylnaphthalene
 Concen: 40.960 ng
 RT: 12.19 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BM019982.D
 Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.7	113.5
116	4.4	3.4	5.2





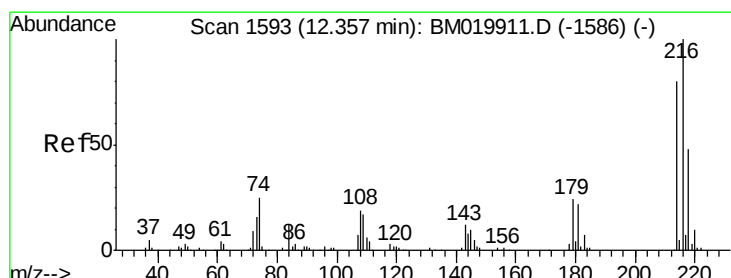
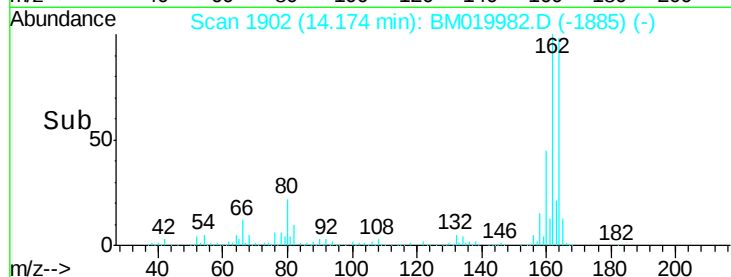
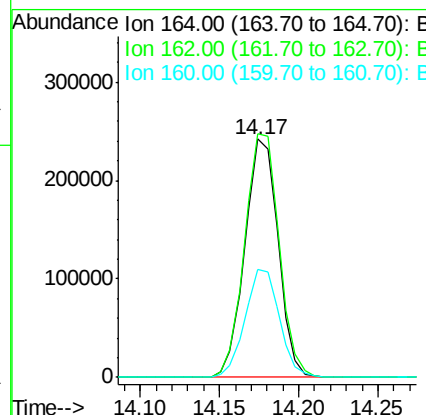
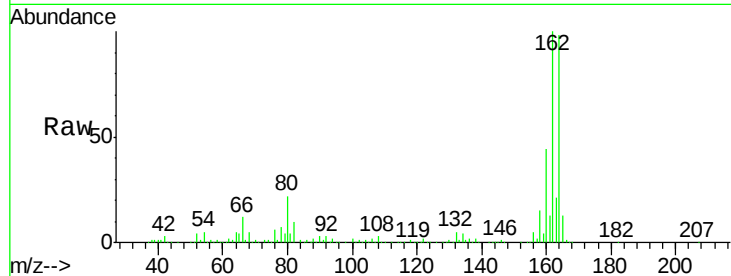
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	352913		
162	102.3	83.0	124.4	
160	45.4	36.6	55.0	

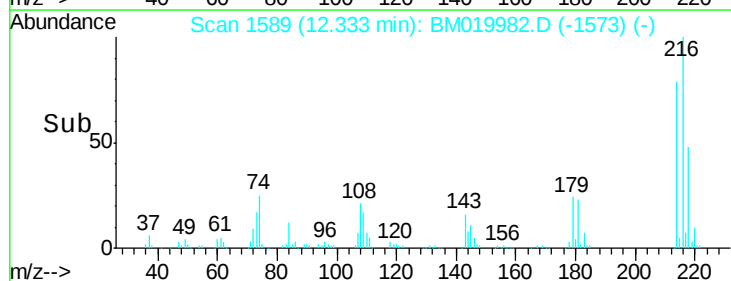
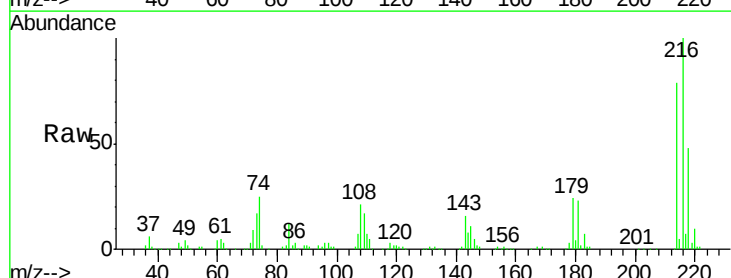
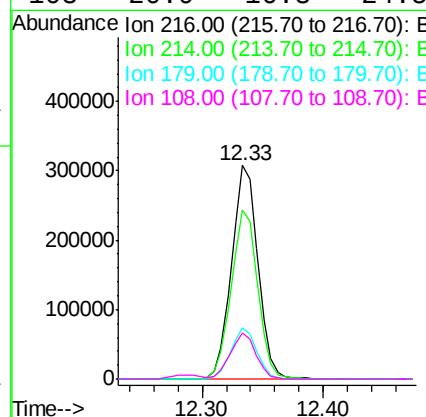
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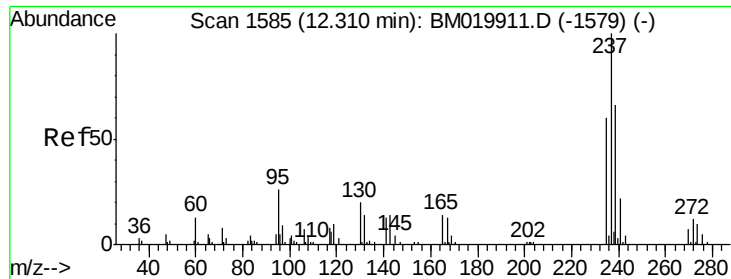
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.929 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	467376		
214	79.8	63.1	94.7	
179	23.3	19.0	28.6	
108	20.9	16.3	24.5	





#41

Hexachlorocyclopentadiene

Concen: 55.839 ng

RT: 12.29 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

ClientSampleId :

GMW-7MS

Tgt Ion: 237 Resp: 199338
Ion Ratio Lower Upper

237 100

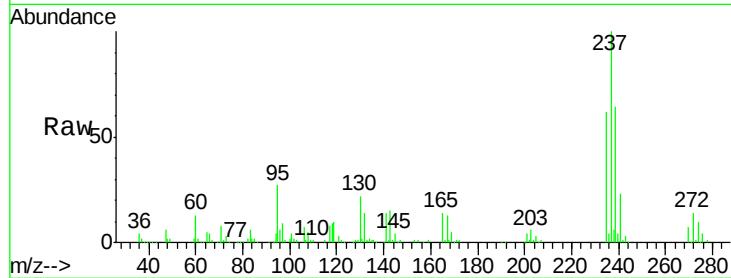
235 61.7 40.4 80.4

272 13.5 0.0 32.3

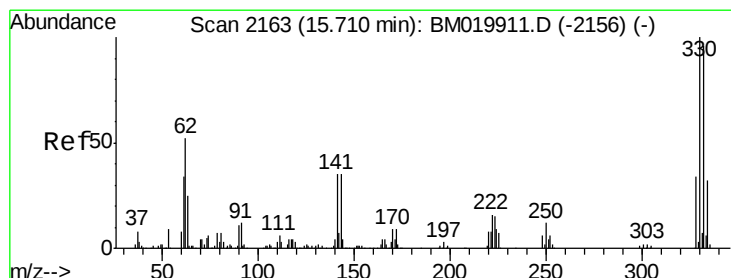
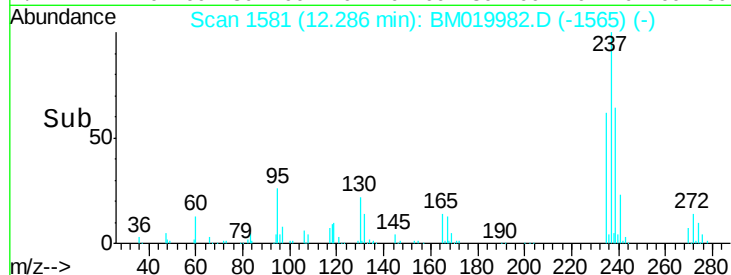
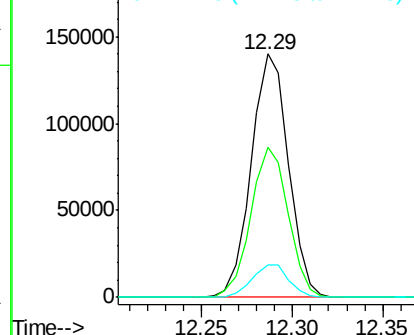
Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 144.367 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM019982.D

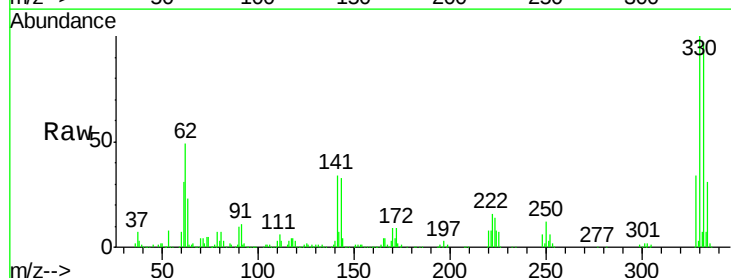
Acq: 19 Apr 2019 19:26

Tgt Ion: 330 Resp: 820140
Ion Ratio Lower Upper

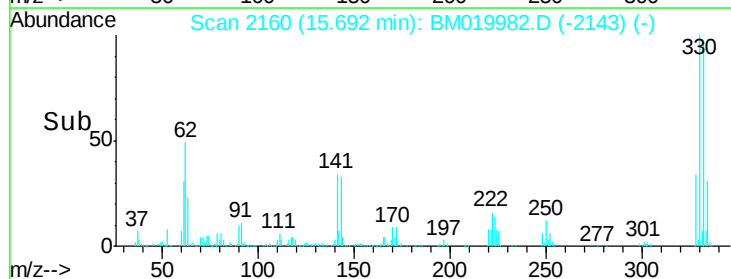
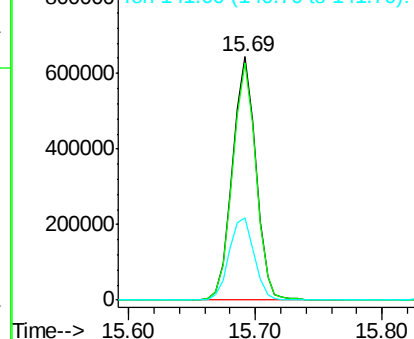
330 100

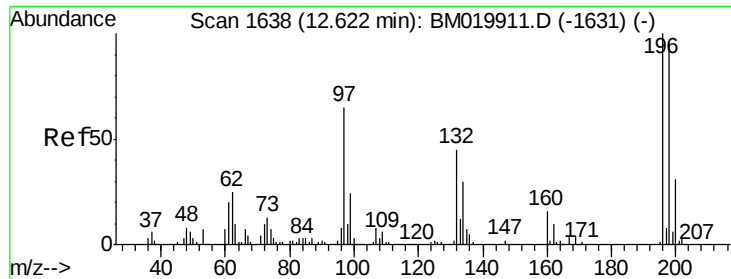
332 97.3 77.4 116.2

141 36.4 29.0 43.4



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





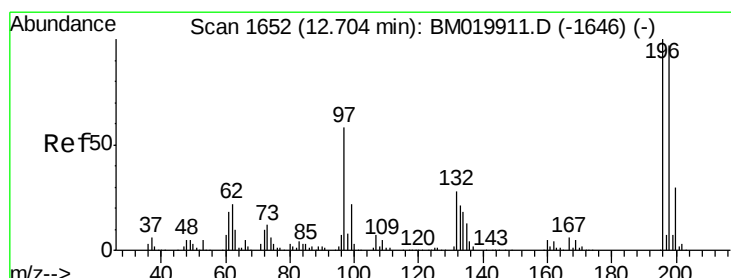
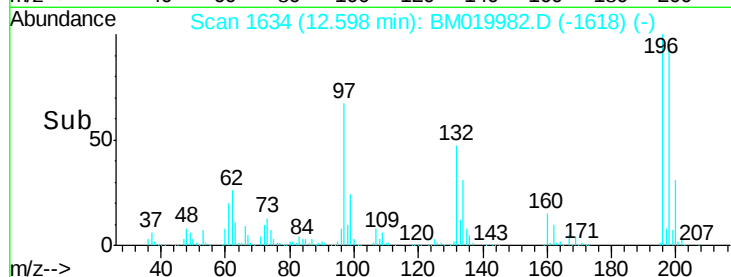
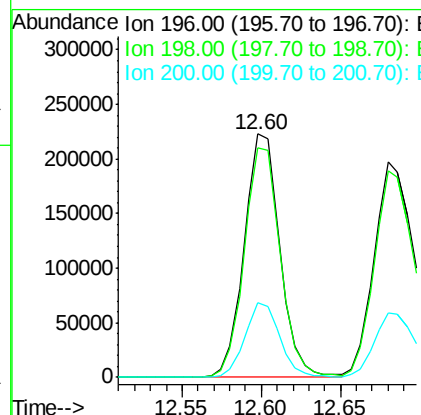
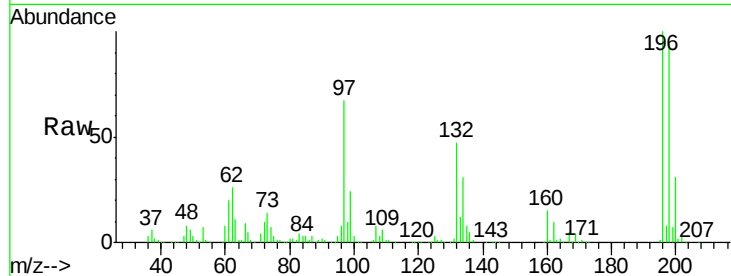
#43
 2,4,6-Trichlorophenol
 Concen: 47.177 ng
 RT: 12.60 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM019982.D
 Acq: 19 Apr 2019 19:26

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	348220		
198	94.4	76.8	115.2	
200	30.5	24.6	37.0	

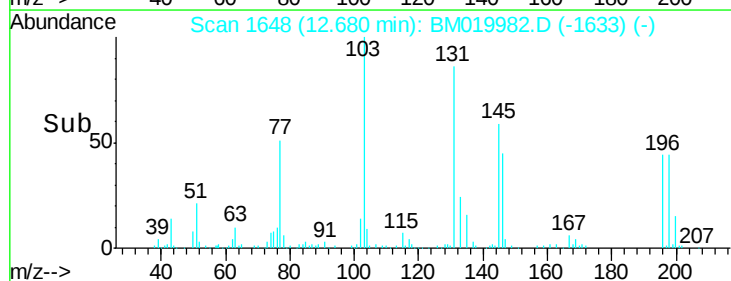
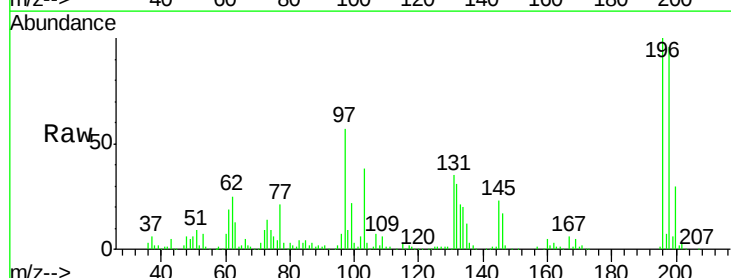
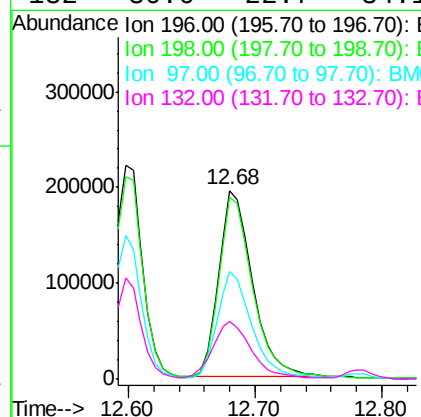
Manual Integrations
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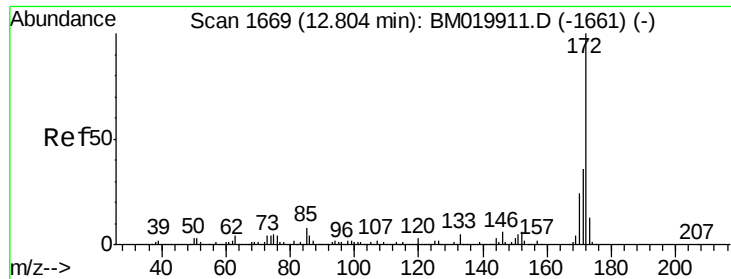
Sohil
 4/23/2019 8:19:18 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.335 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BM019982.D
 Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	363638		
198	96.4	77.8	116.8	
97	56.9	46.2	69.2	
132	30.6	22.7	34.1	





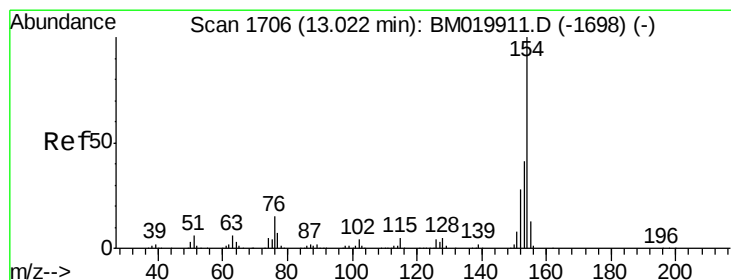
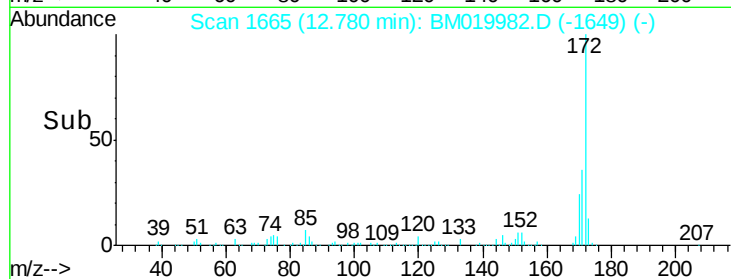
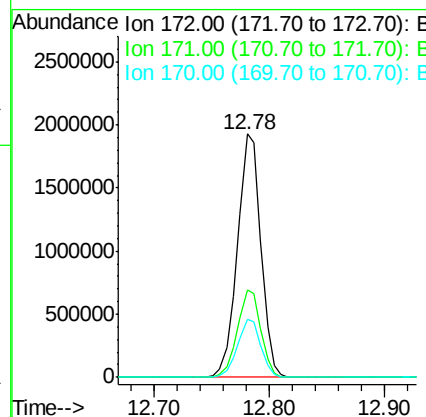
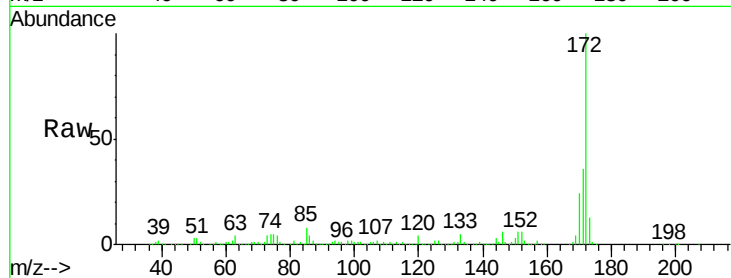
#45
 2-Fluorobiphenyl
 Concen: 95.479 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019982.D
 Acq: 19 Apr 2019 19:26

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MS

Tgt Ion:172 Resp: 2703814
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 23.7 19.0 28.4

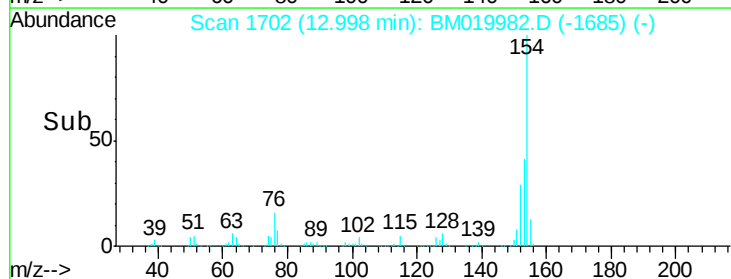
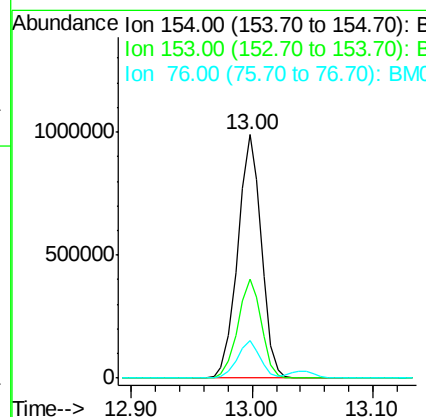
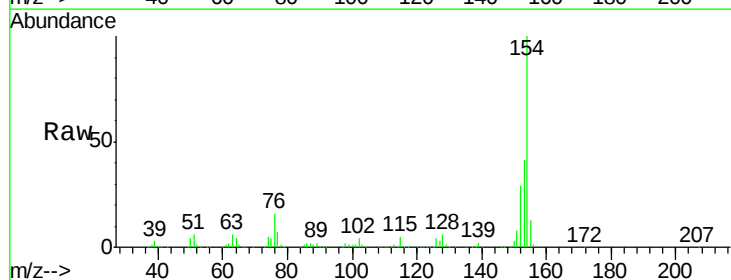
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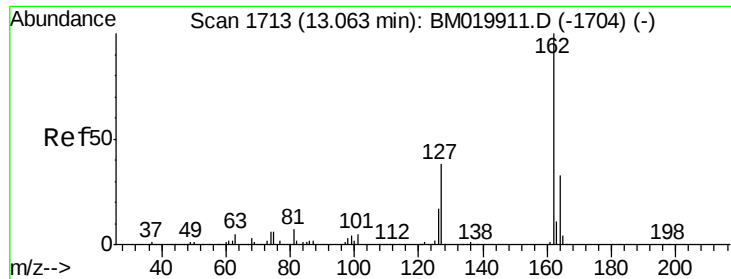
Sohil
 4/23/2019 8:19:18 AM



#46
 1,1'-Biphenyl
 Concen: 44.114 ng
 RT: 13.00 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BM019982.D
 Acq: 19 Apr 2019 19:26

Tgt Ion:154 Resp: 1348430
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.0 61.0
 76 15.5 0.0 34.8





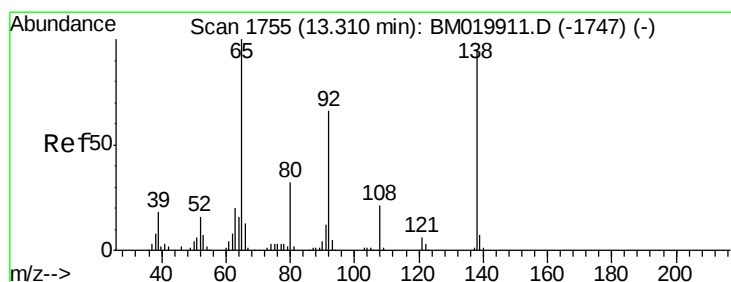
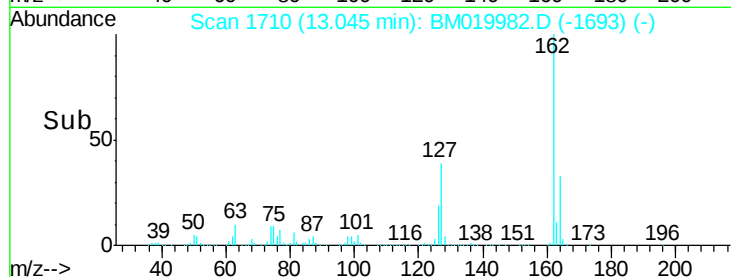
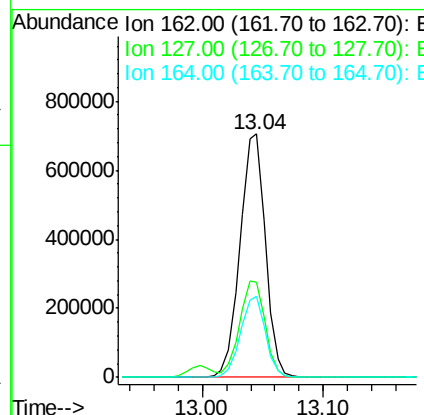
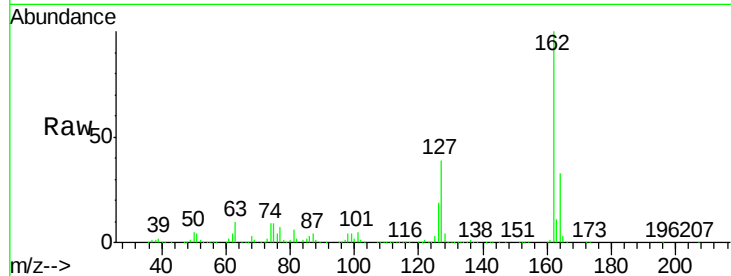
#47
2-Chloronaphthalene
Concen: 44.484 ng
RT: 13.04 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.3	48.5
164	33.1	26.3	39.5

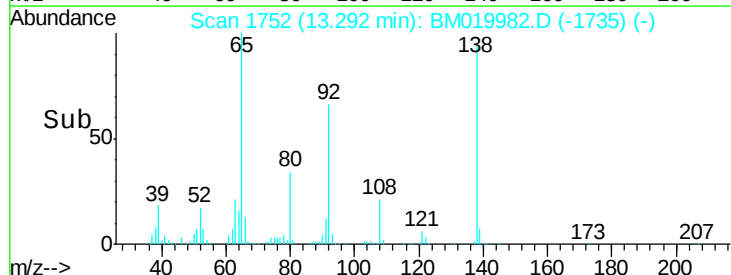
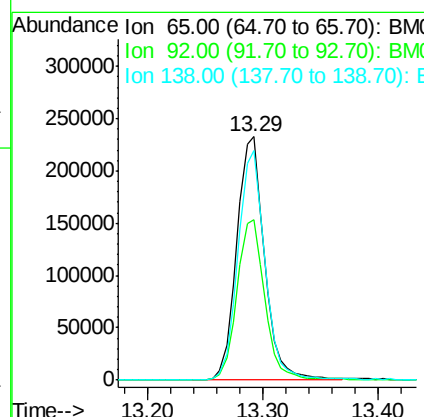
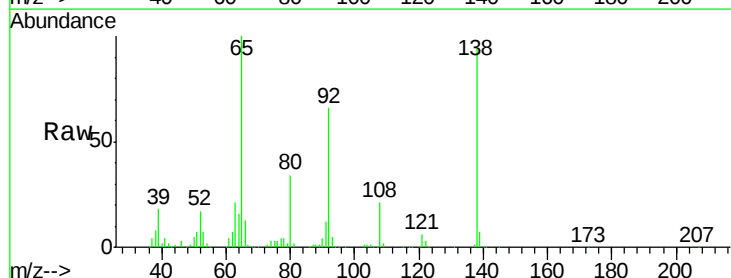
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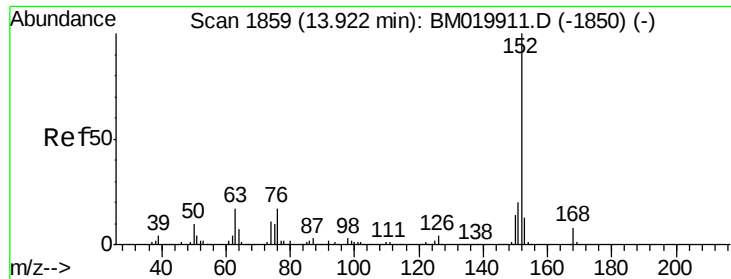
Sohil
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#48
2-Nitroaniline
Concen: 45.983 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.0	52.9	79.3
138	94.2	75.8	113.6





#49

Acenaphthylene

Concen: 43.078 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

ClientSampleId :

GMW-7MS

Tgt Ion:152 Resp: 1747560

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

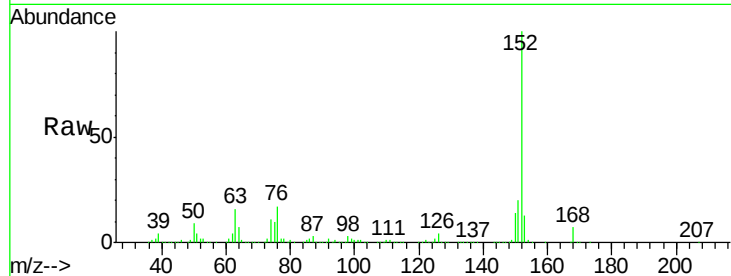
153 12.9 10.6 16.0

Manual Integrations

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Sohil

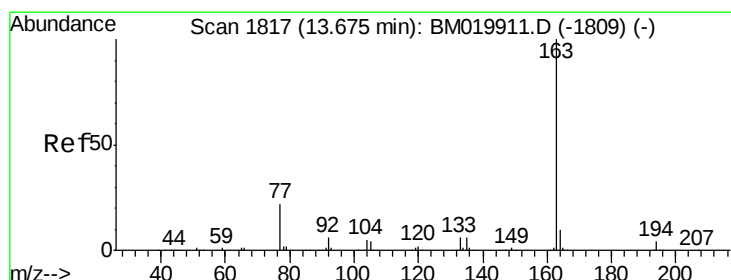
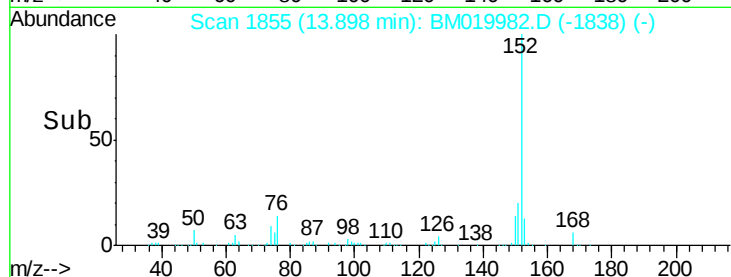
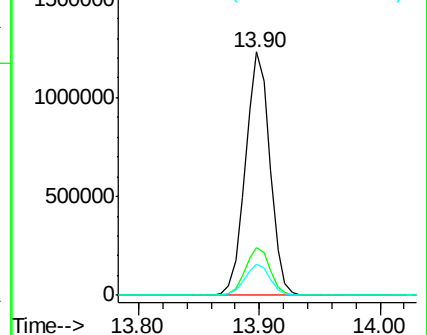
4/23/2019 8:19:18 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.594 ng

RT: 13.65 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

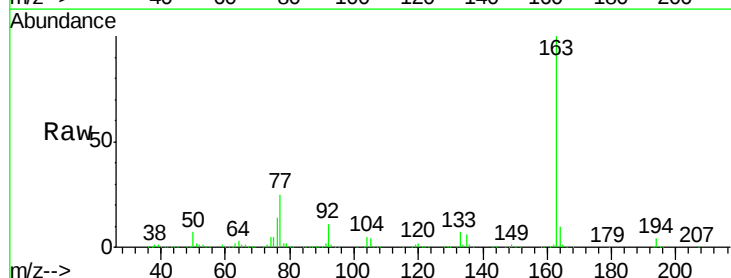
Tgt Ion:163 Resp: 1450415

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

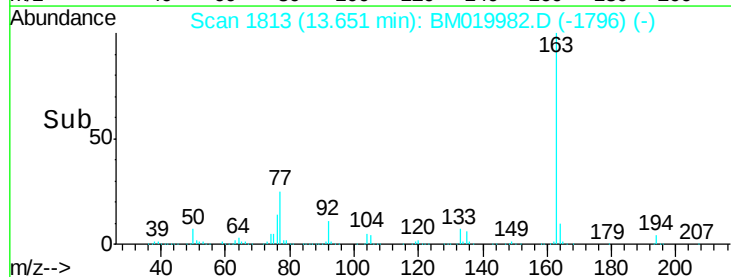
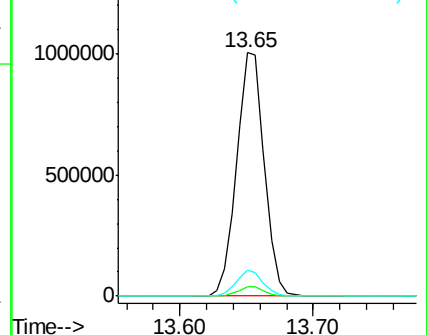
164 10.4 7.9 11.9

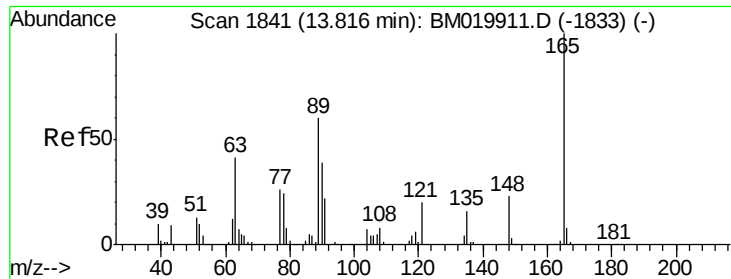


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





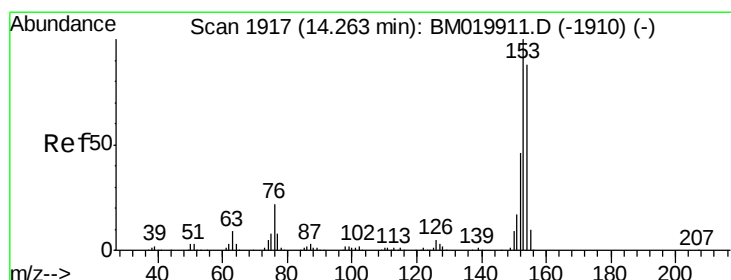
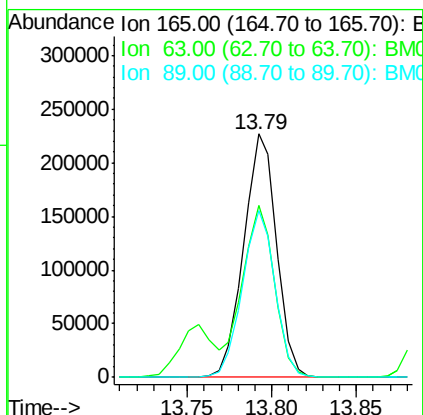
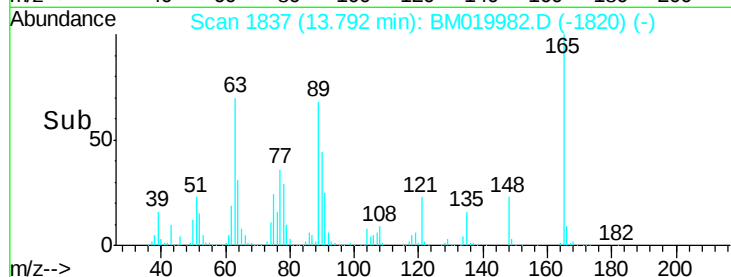
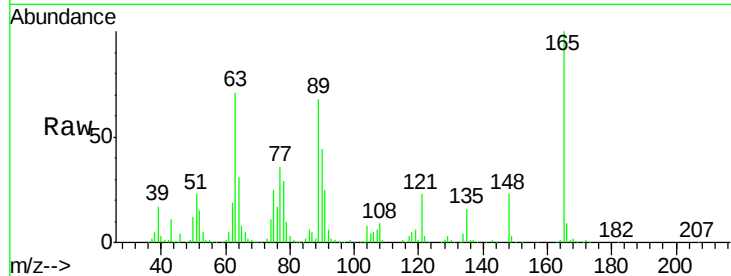
#51
2,6-Dinitrotoluene
Concen: 44.712 ng
RT: 13.79 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

Tgt	Ion	Ratio	Resp	Lower	Upper
165	100		307776		
63	70.8	48.5	72.7		
89	68.4	48.2	72.4		

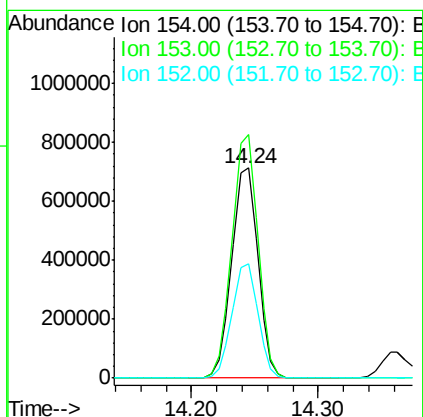
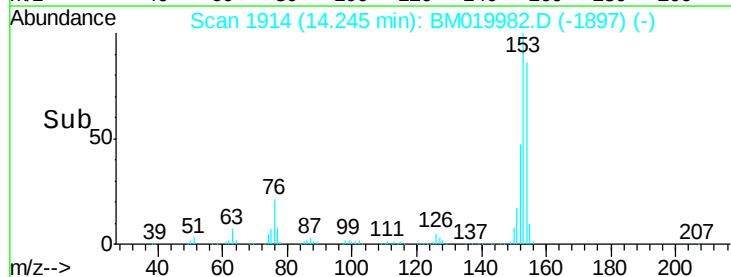
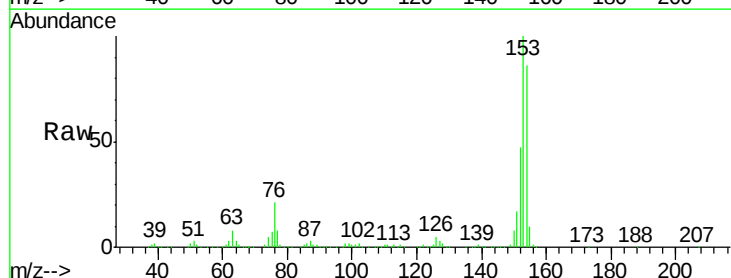
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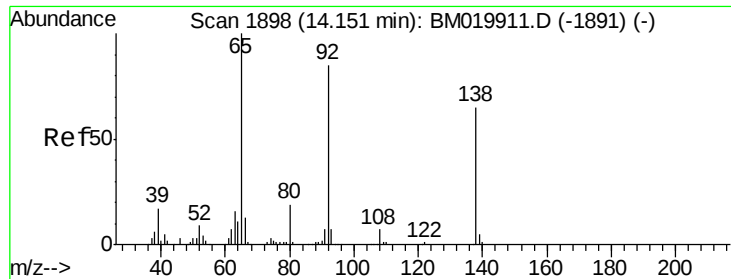
Sohil
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#52
Acenaphthene
Concen: 45.377 ng
RT: 14.24 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt	Ion	Ratio	Resp	Lower	Upper
154	100		1020659		
153	115.9	91.0	136.4		
152	54.3	42.2	63.2		





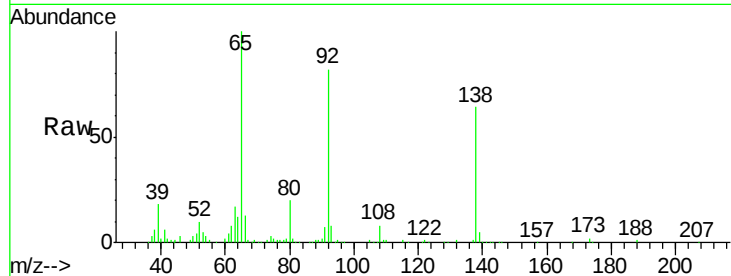
#53
3-Nitroaniline
Concen: 20.829 ng
RT: 14.13 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampled :
GMW-7MS

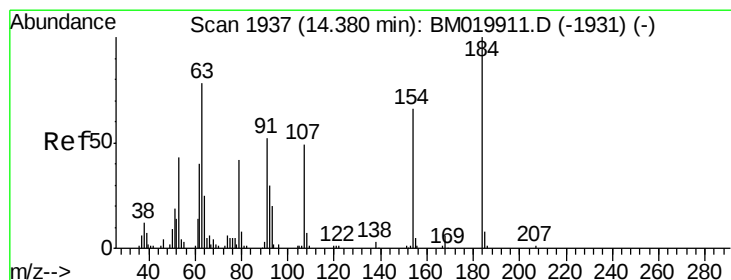
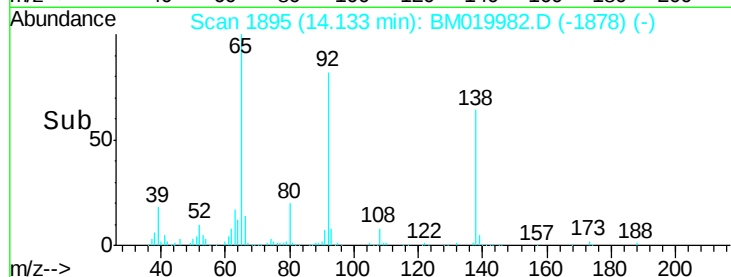
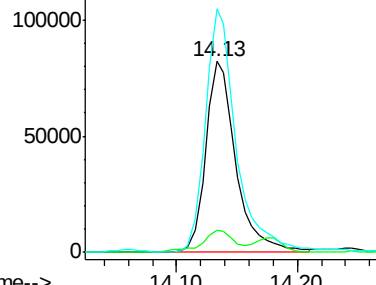
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	143168		
108	11.9	8.9	13.3	
92	127.7	103.8	155.8	

Manual Integrations
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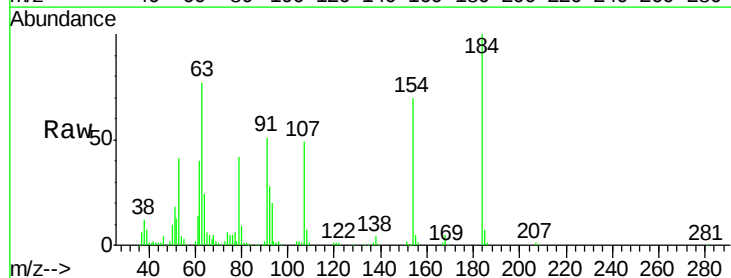


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

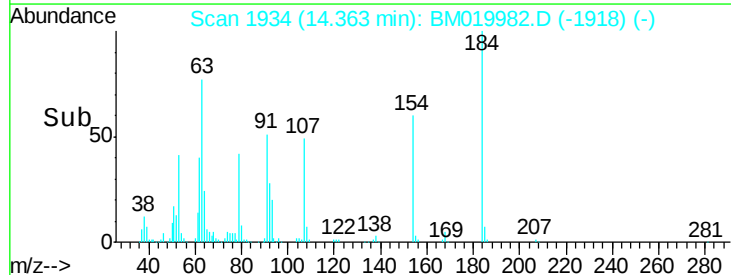
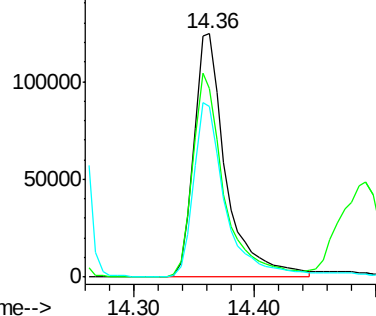


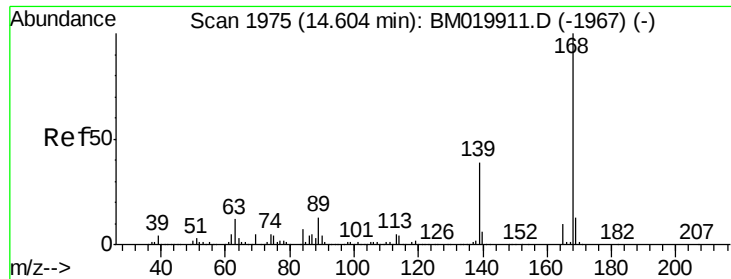
#54
2,4-Dinitrophenol
Concen: 58.024 ng
RT: 14.36 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	229196		
63	77.5	62.3	93.5	
154	70.3	53.0	79.6	



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





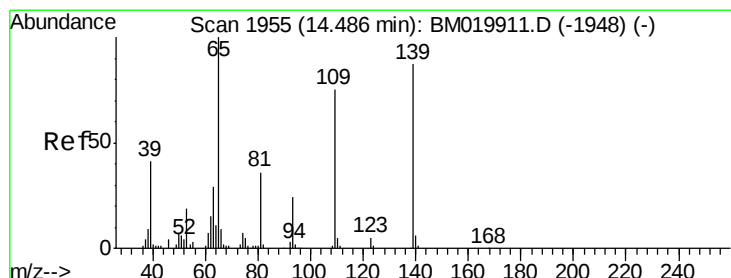
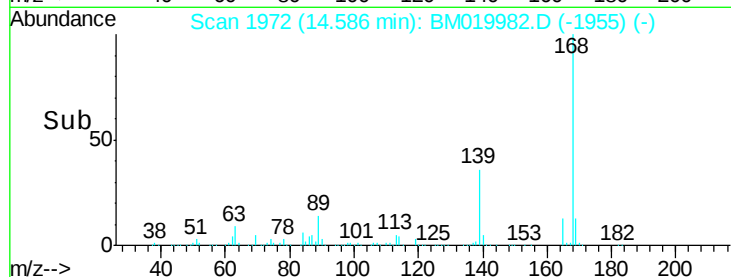
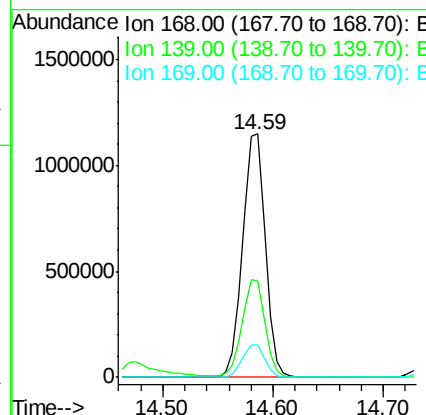
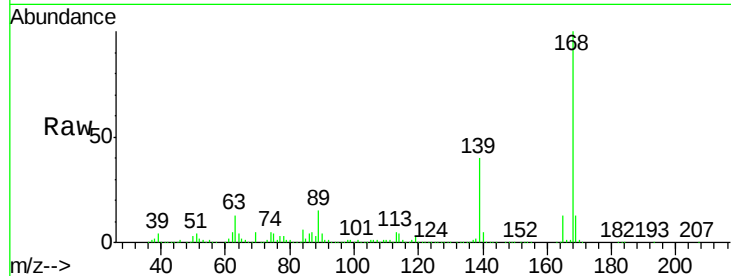
#55
Dibenzofuran
Concen: 45.293 ng
RT: 14.59 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.5	47.3
169	13.1	10.6	16.0

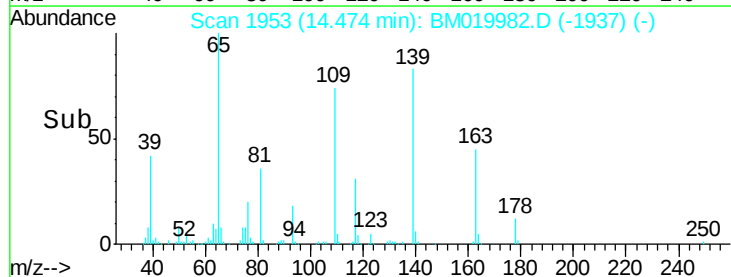
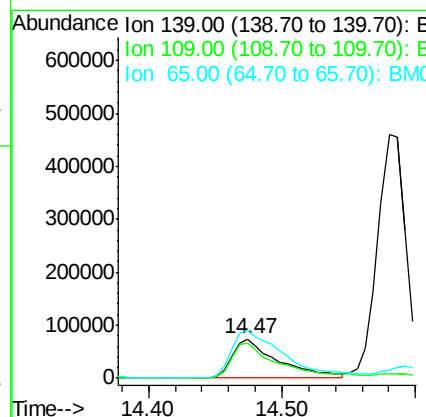
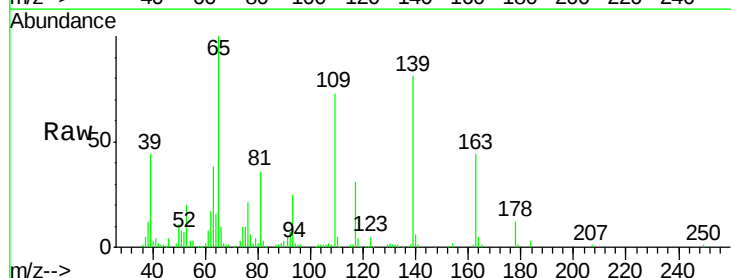
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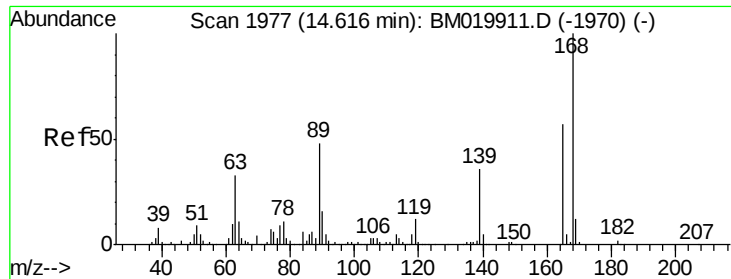
Sohil
4/23/2019 8:19:18 AM



#56
4-Nitrophenol
Concen: 35.864 ng
RT: 14.47 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.5	65.3	105.3
65	123.0	94.9	134.9





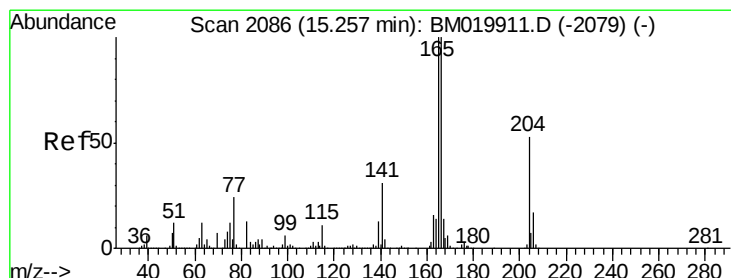
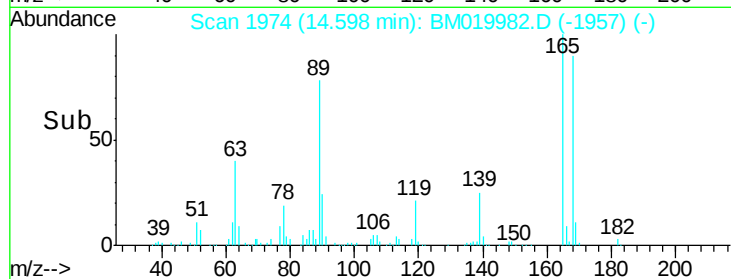
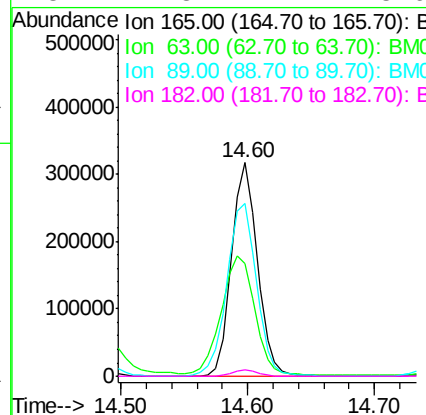
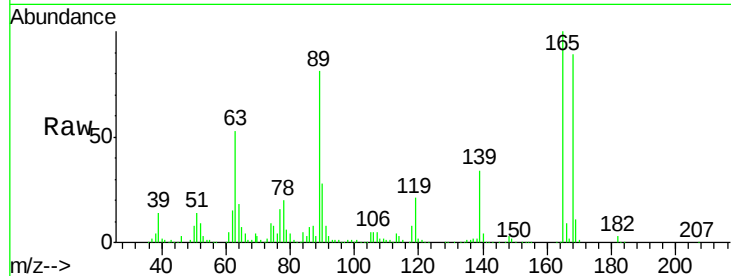
#57
 2,4-Dinitrotoluene
 Concen: 45.270 ng
 RT: 14.60 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BM019982.D
 Acq: 19 Apr 2019 19:26

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	447937		
63	52.5	46.0	69.0	
89	81.1	67.5	101.3	
182	2.8	2.4	3.6	

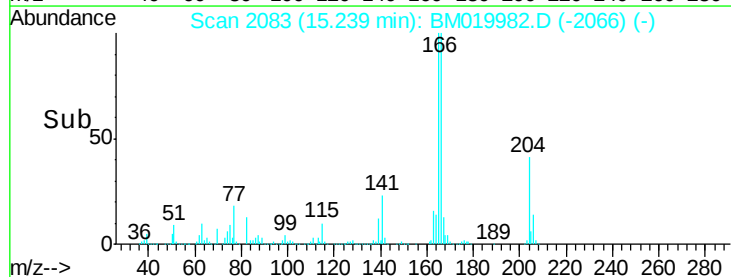
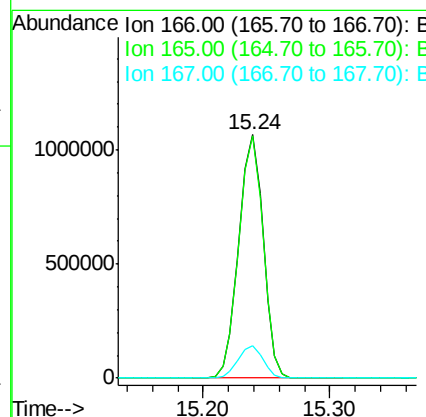
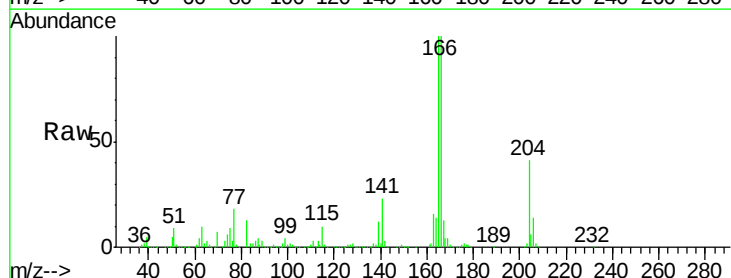
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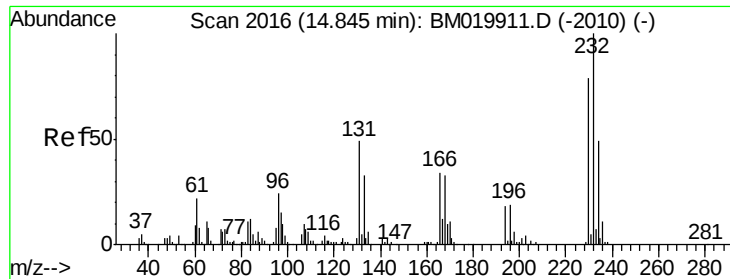
Sohil
 4/23/2019 8:19:18 AM



#58
 Fluorene
 Concen: 45.639 ng
 RT: 15.24 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BM019982.D
 Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1422439		
165	99.6	80.1	120.1	
167	13.1	11.0	16.4	





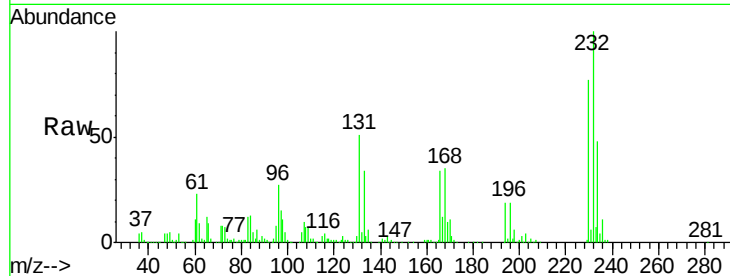
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.033 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

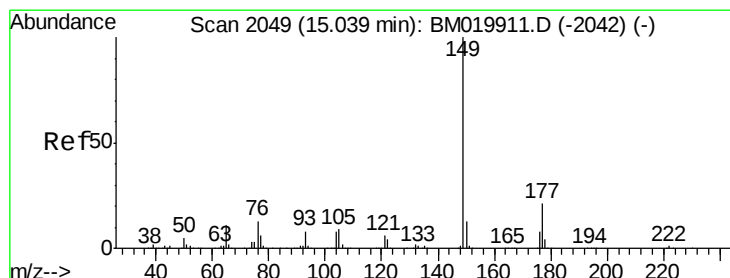
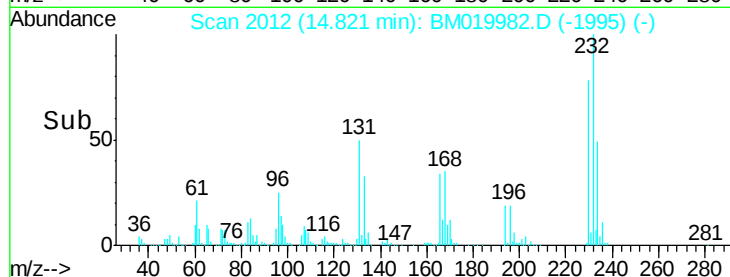
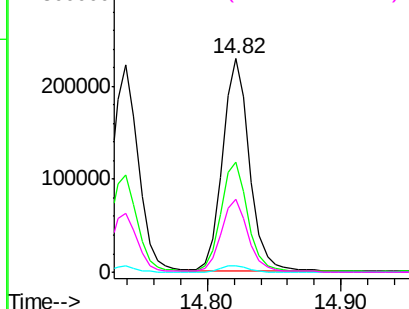
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	322675		
131	51.5	42.1	63.1	
130	3.1	2.2	3.4	
166	34.1	28.1	42.1	

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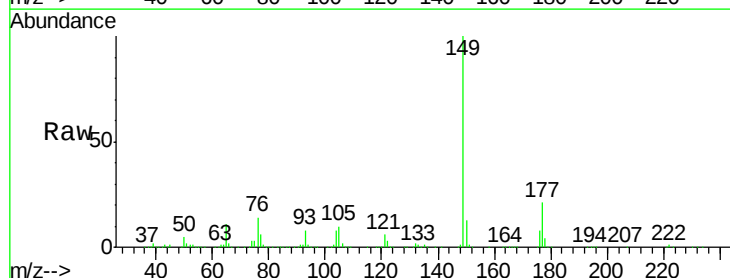


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

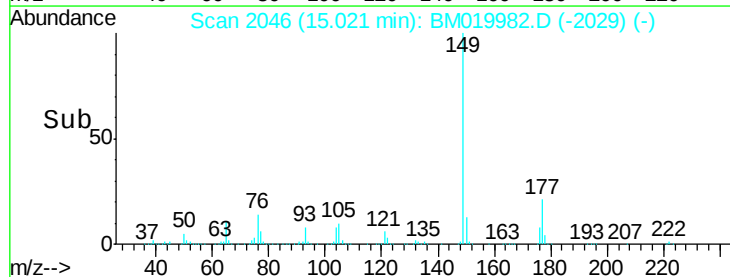
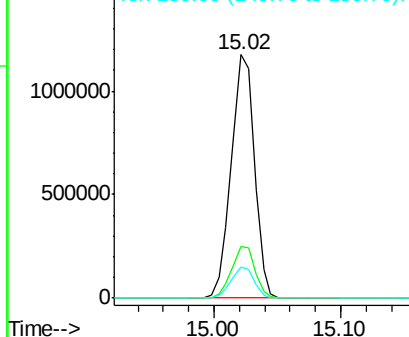


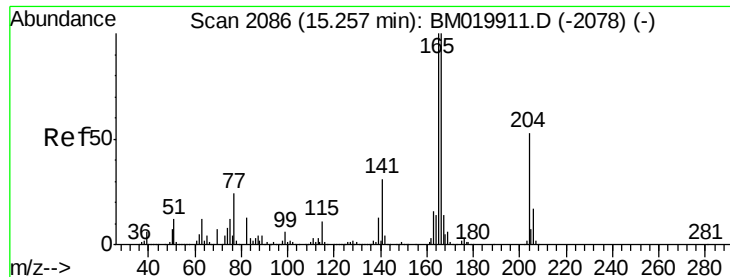
#60
Diethylphthalate
Concen: 45.862 ng
RT: 15.02 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1484820		
177	21.0	16.6	25.0	
150	12.7	10.0	15.0	



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





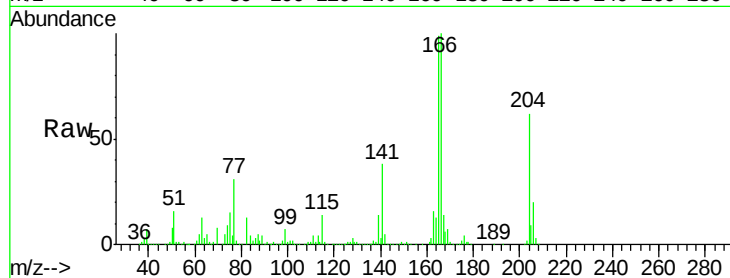
#61
4-Chlorophenyl-phenylether
Concen: 46.011 ng
RT: 15.23 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

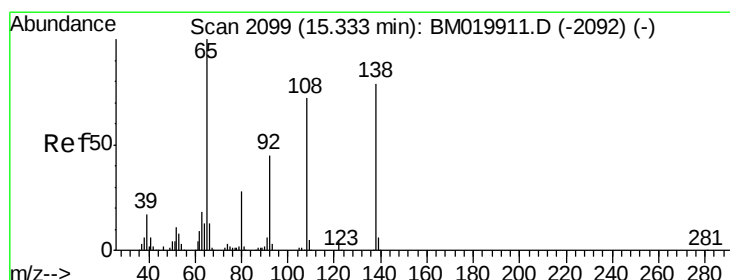
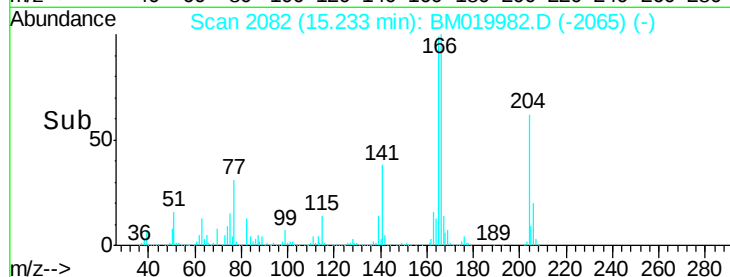
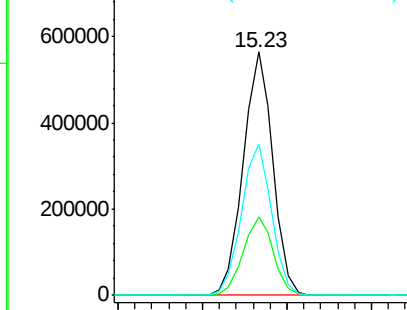
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	690440		
206	32.4	25.8	38.8	
141	62.2	47.0	70.4	

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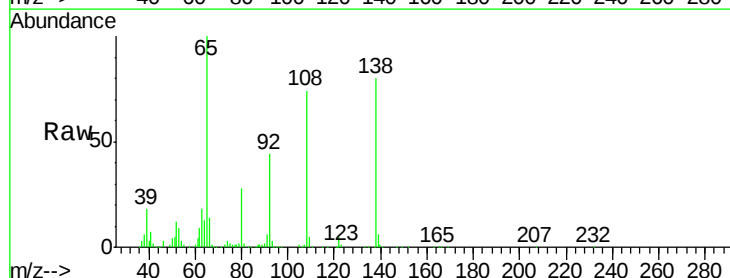


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

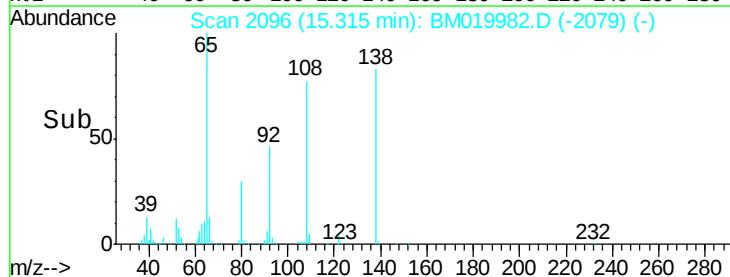
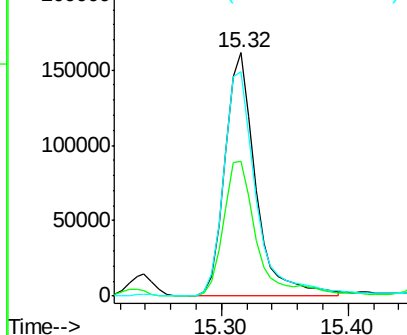


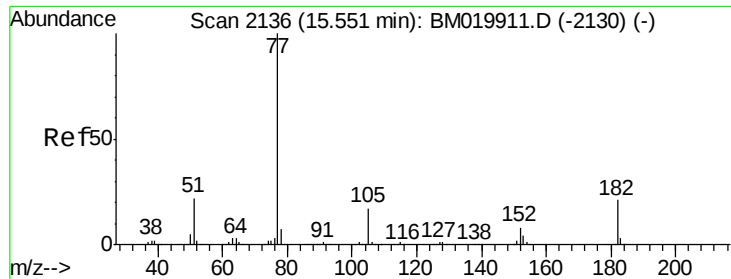
#62
4-Nitroaniline
Concen: 40.182 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	272112		
92	55.4	36.8	76.8	
108	92.2	71.5	111.5	



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





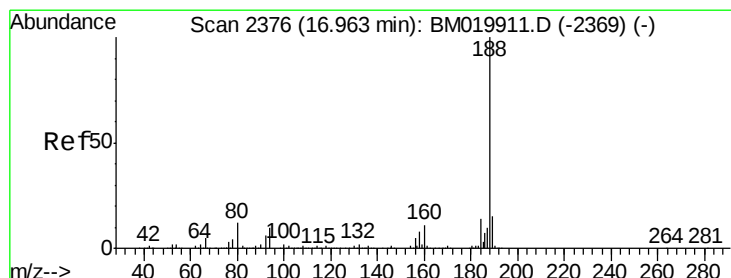
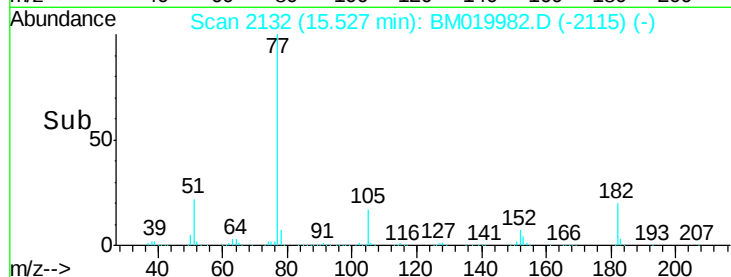
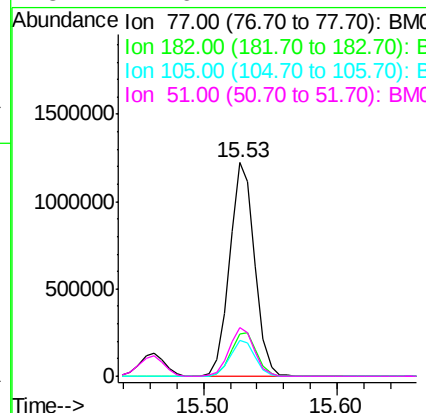
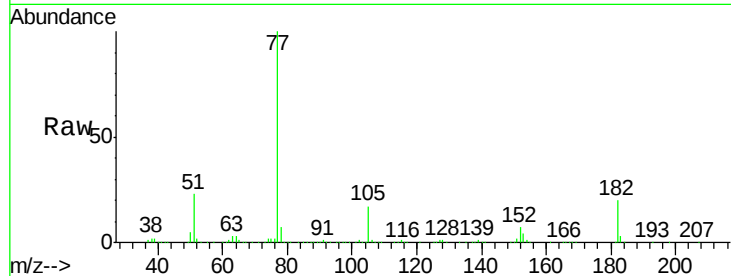
#63
Azobenzene
Concen: 46.340 ng
RT: 15.53 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.9	1.0	41.0
105	16.9	0.0	37.1
51	22.6	2.1	42.1

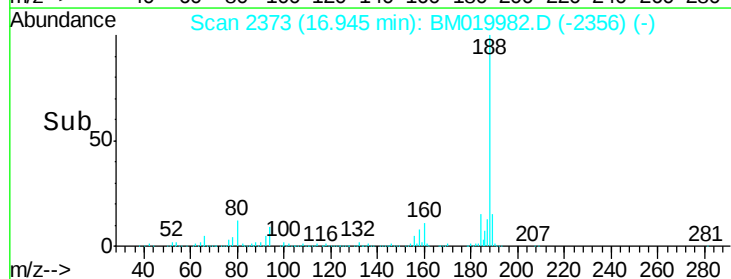
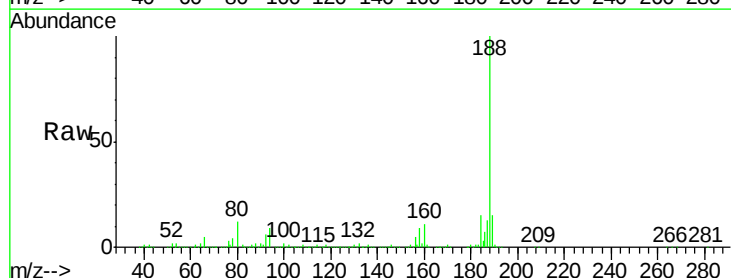
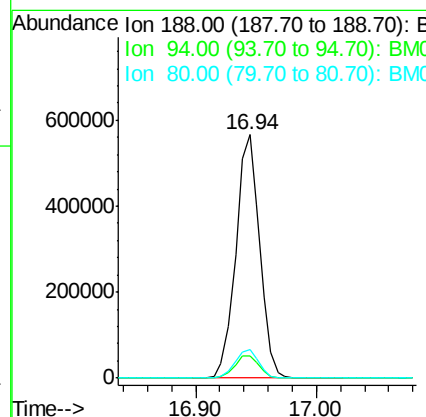
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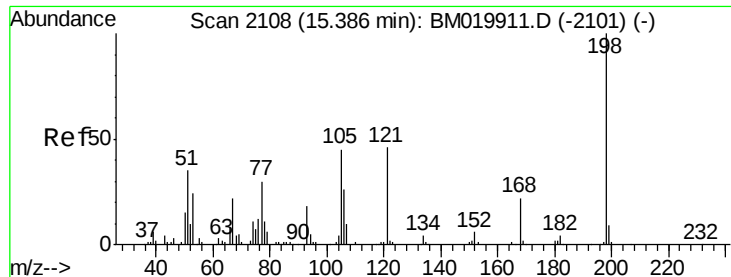
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.6	11.4
80	11.8	9.4	14.0





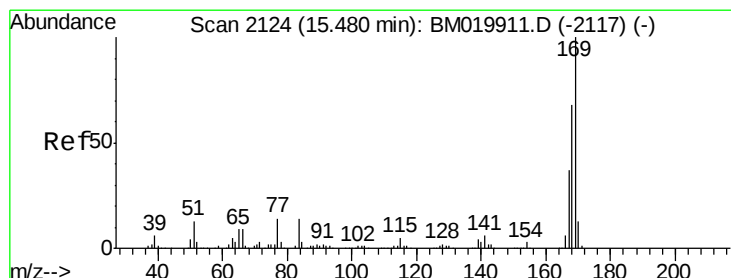
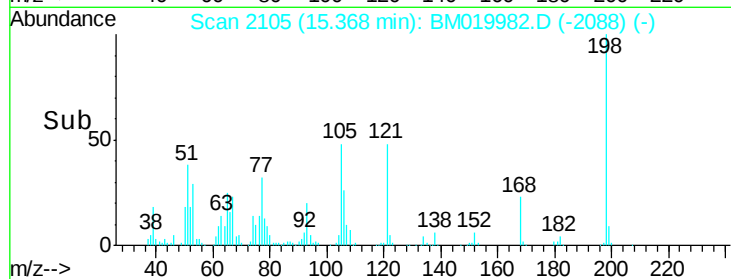
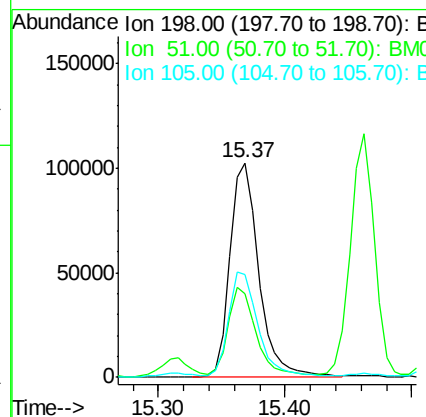
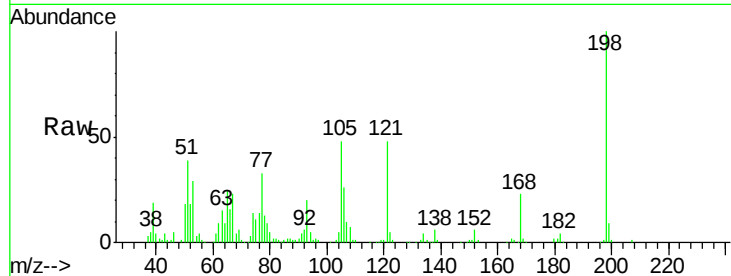
#65
4,6-Dinitro-2-methylphenol
Concen: 32.720 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	162202		
51	38.8	17.9	57.9	
105	48.1	26.1	66.1	

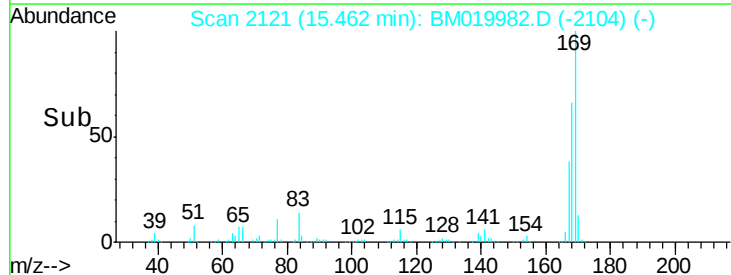
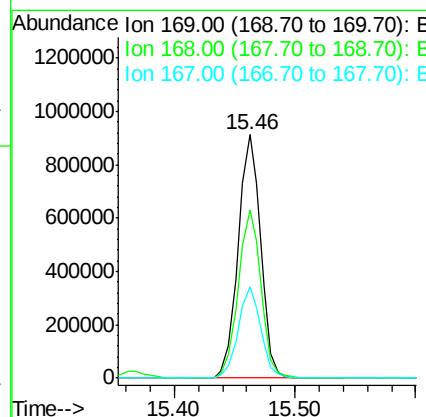
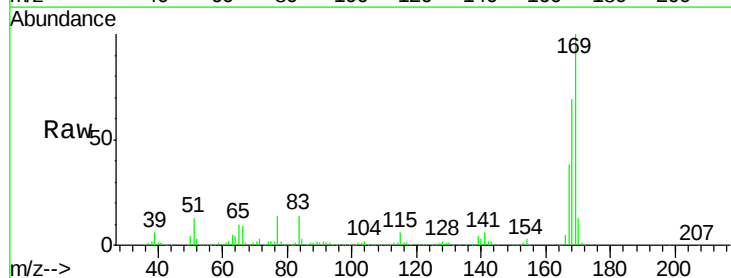
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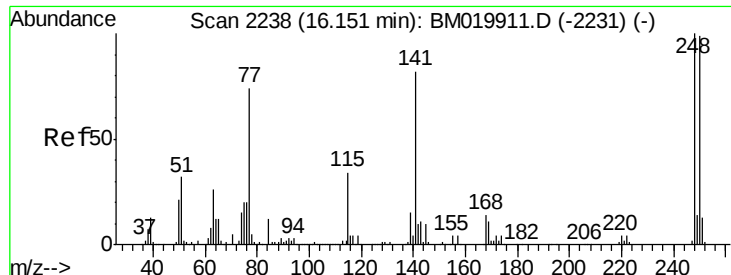
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 46.827 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1189446		
168	68.9	54.7	82.1	
167	37.6	29.4	44.0	





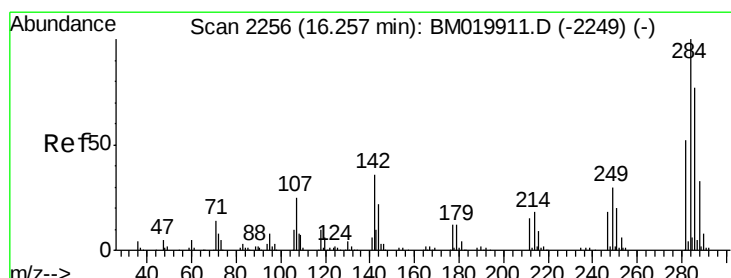
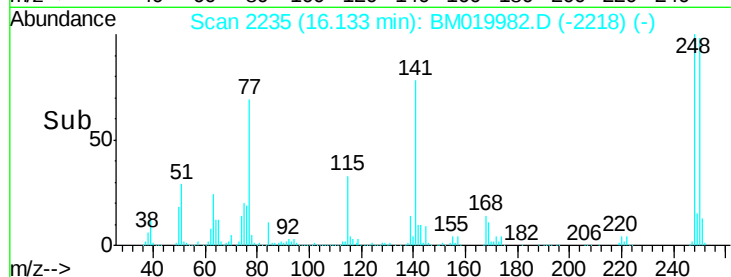
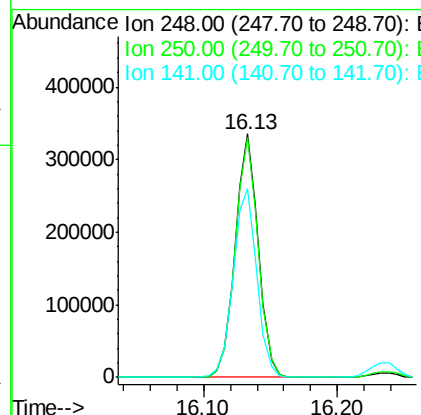
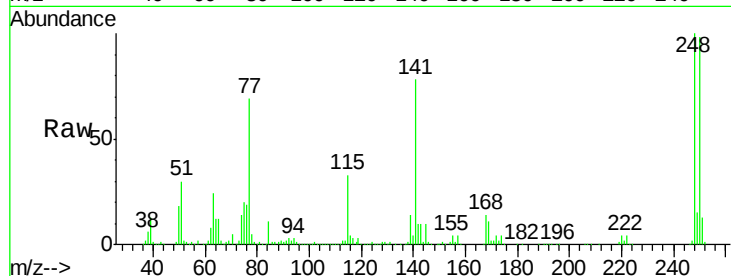
#67
 4-Bromophenyl-phenylether
 Concen: 45.386 ng
 RT: 16.13 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BM019982.D
 Acq: 19 Apr 2019 19:26

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.9	118.3
141	77.6	65.6	98.4

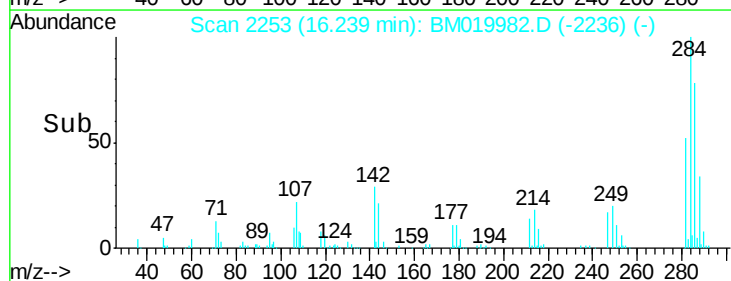
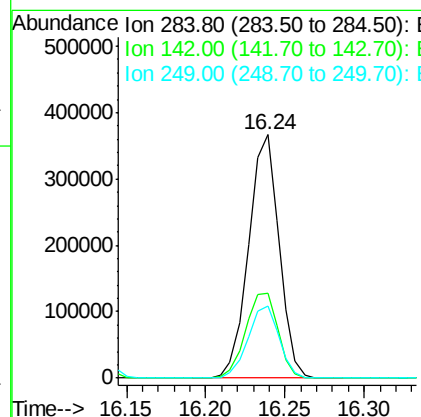
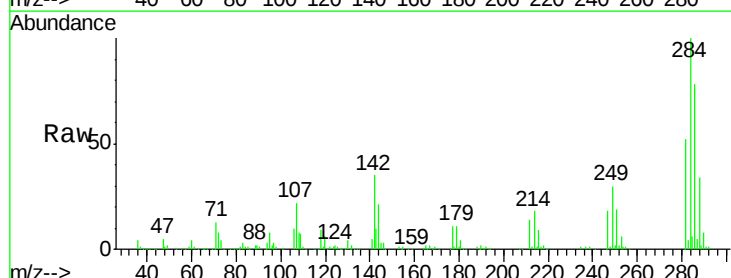
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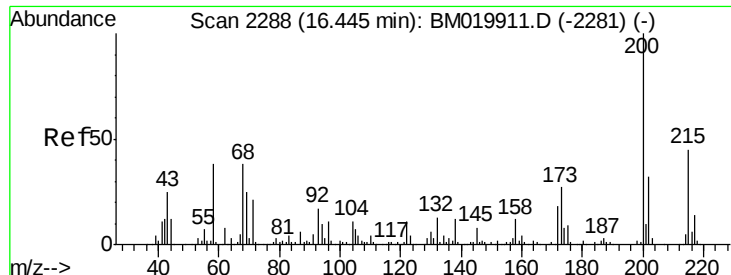
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#68
 Hexachlorobenzene
 Concen: 45.569 ng
 RT: 16.24 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BM019982.D
 Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	28.9	43.3
249	29.6	23.8	35.6





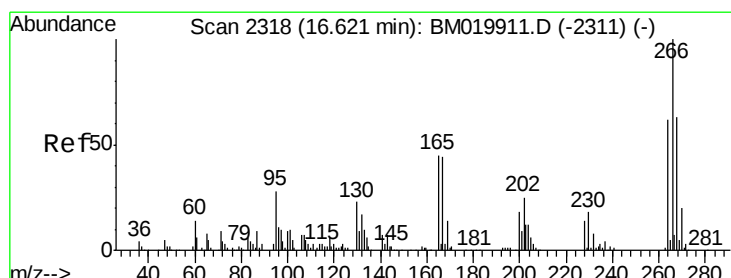
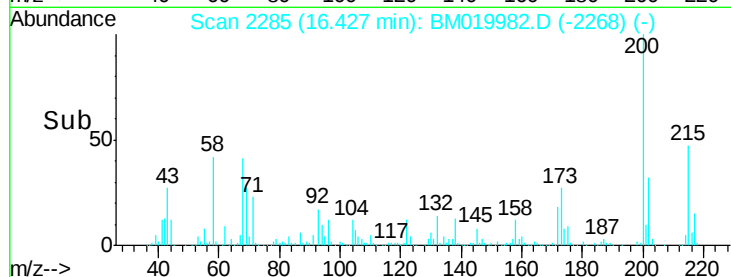
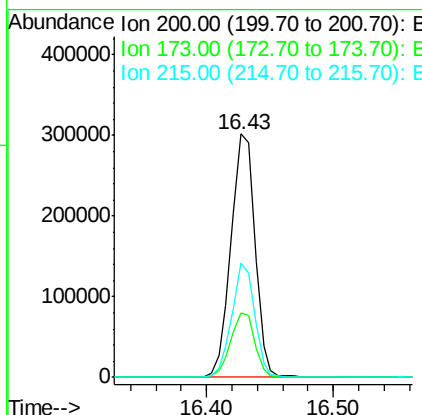
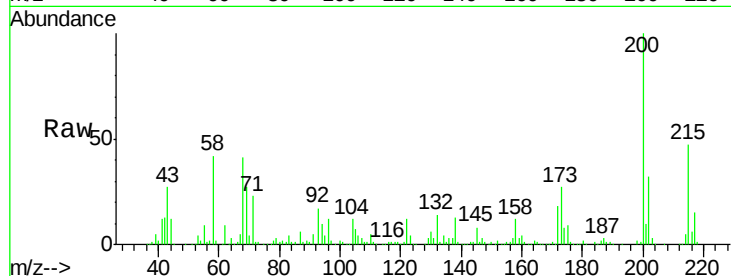
#69
 Atrazine
 Concen: 45.805 ng
 RT: 16.43 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BM019982.D
 Acq: 19 Apr 2019 19:26

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	394967		
173	26.6	7.2	47.2	
215	46.7	25.4	65.4	

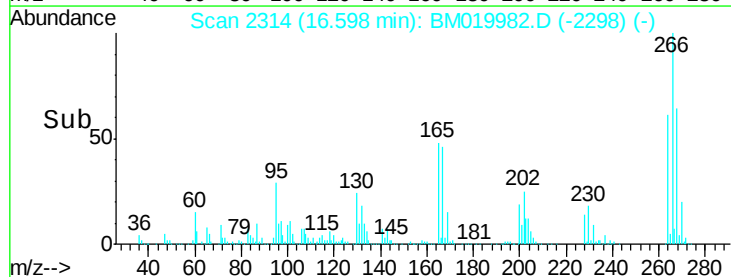
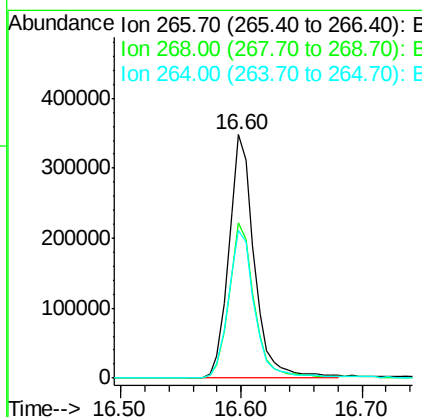
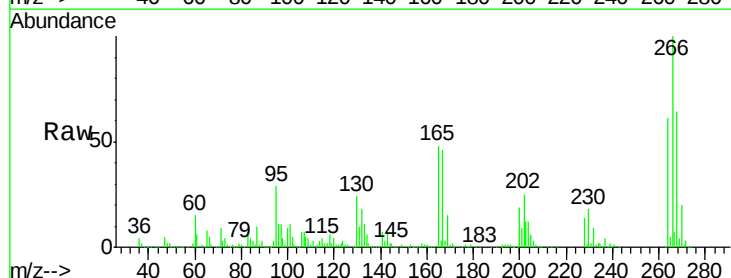
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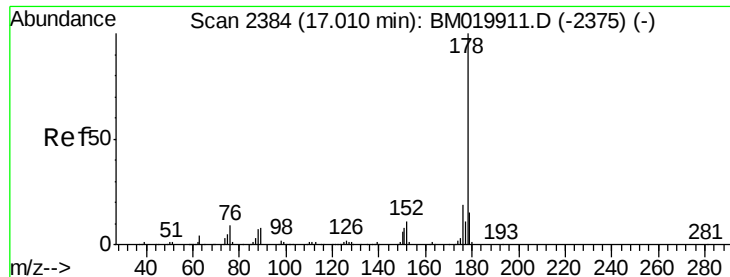
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#70
 Pentachlorophenol
 Concen: 93.624 ng
 RT: 16.60 min Scan# 2314
 Delta R.T. -0.01 min
 Lab File: BM019982.D
 Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	512728		
268	64.0	50.3	75.5	
264	60.8	49.8	74.8	





#71

Phenanthrene

Concen: 46.576 ng

RT: 16.99 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

ClientSampleId :

GMW-7MS

Tgt Ion:178 Resp: 2147463

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

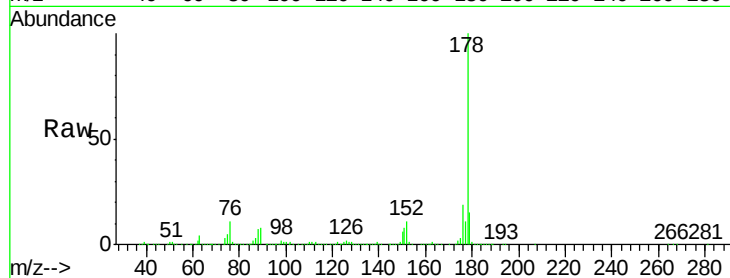
179 15.3 12.2 18.4

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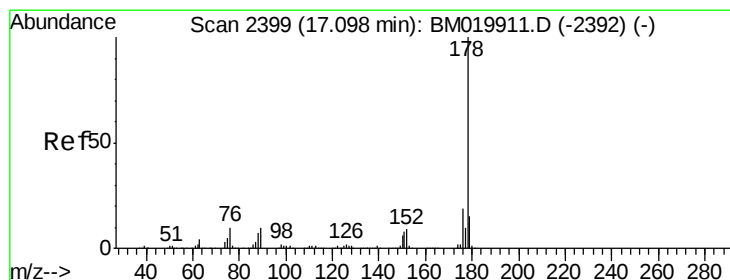
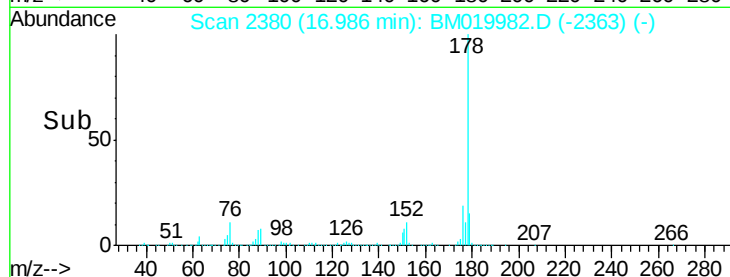
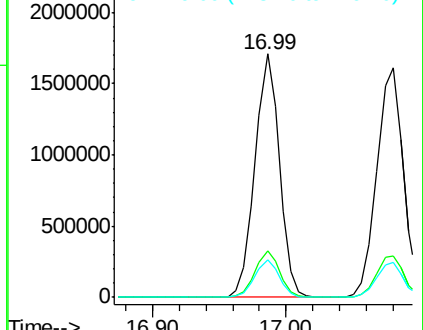
4/23/2019 8:19:18 AM



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



#72

Anthracene

Concen: 48.067 ng

RT: 17.08 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Tgt Ion:178 Resp: 2206101

Ion Ratio Lower Upper

178 100

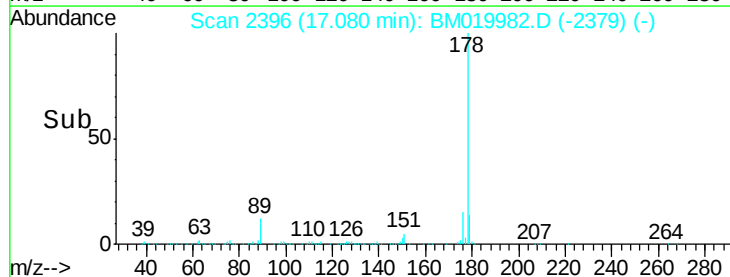
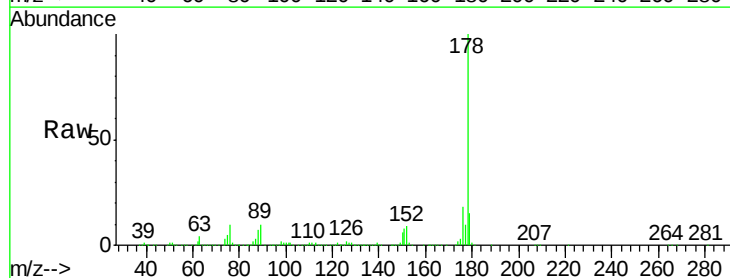
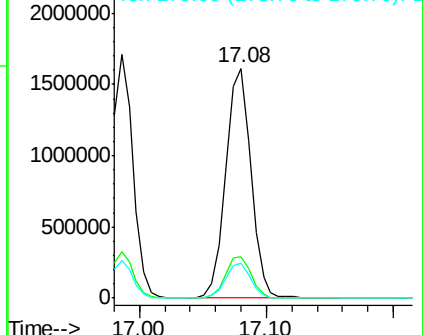
176 18.2 15.0 22.4

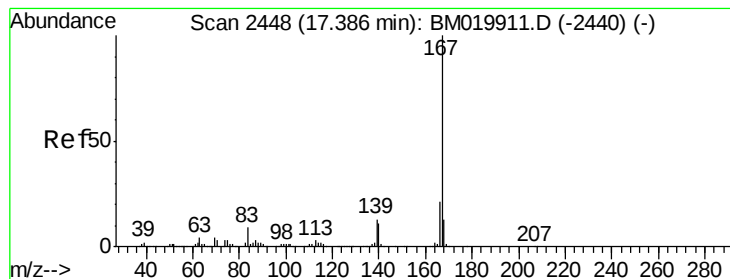
179 15.3 12.2 18.4

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





#73

Carbazole

Concen: 47.393 ng

RT: 17.37 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

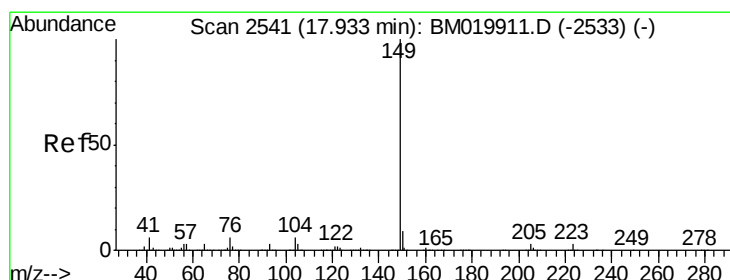
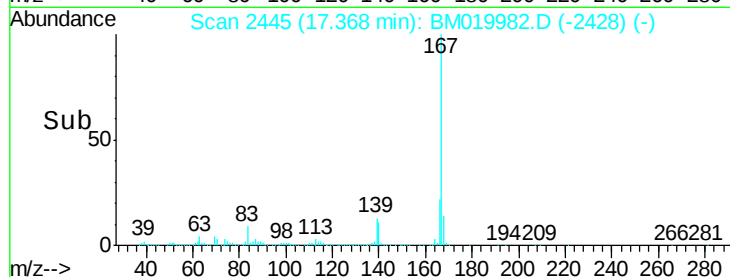
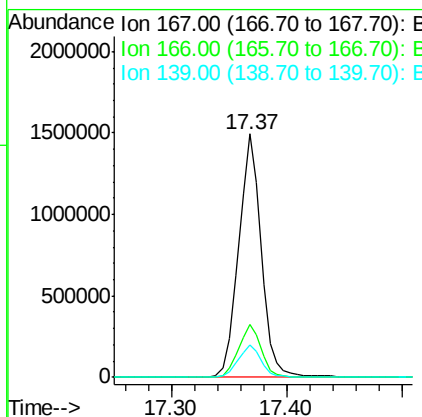
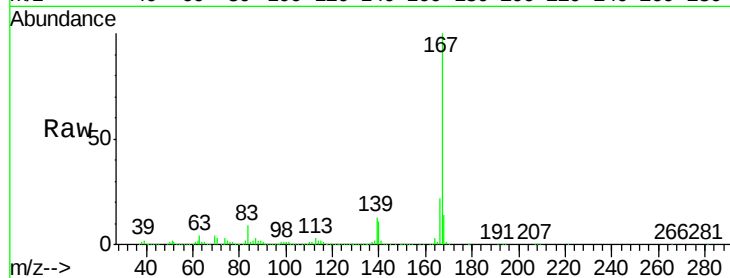
ClientSampleId :

GMW-7MS

Tgt Ion:	167	Resp:	2030820
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	13.4	10.7	16.1

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#74

Di-n-butylphthalate

Concen: 46.732 ng

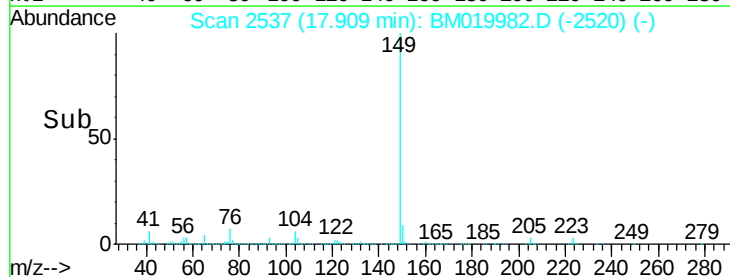
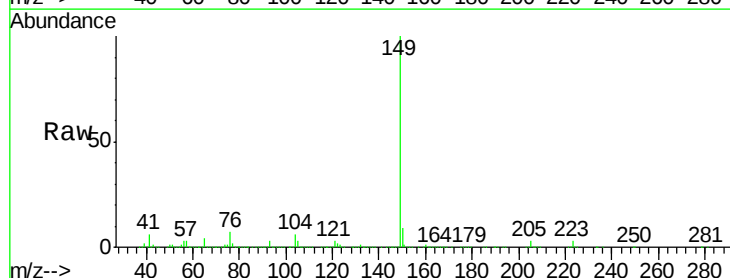
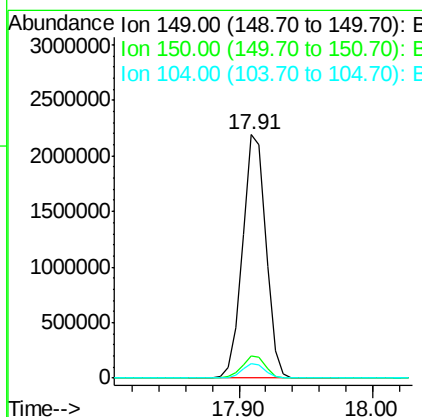
RT: 17.91 min Scan# 2537

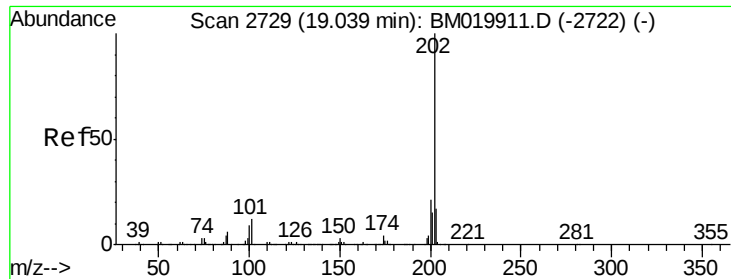
Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Tgt Ion:	149	Resp:	2629840
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.8	4.6	7.0





#75

Fluoranthene

Concen: 47.350 ng

RT: 19.02 min Scan# 2726

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

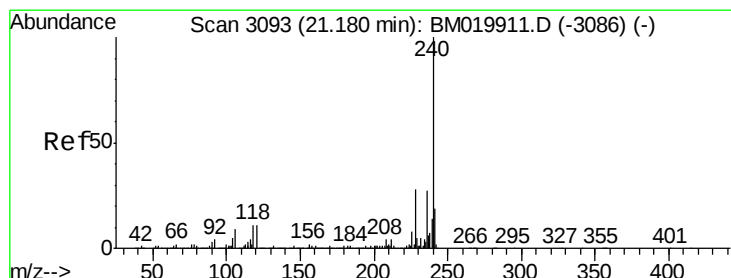
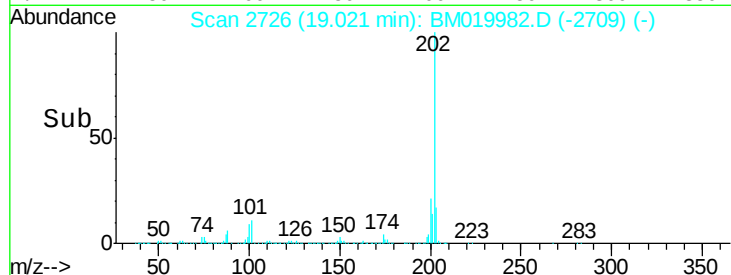
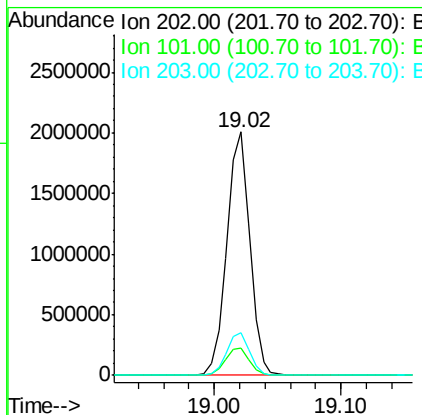
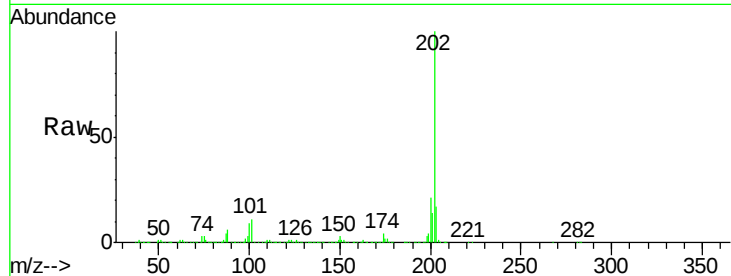
ClientSampleId :

GMW-7MS

Tgt	Ion	202	Resp:	2512429
Ion	Ratio	Lower	Upper	
202	100			
101	11.3	0.0	31.7	
203	17.3	0.0	37.4	

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

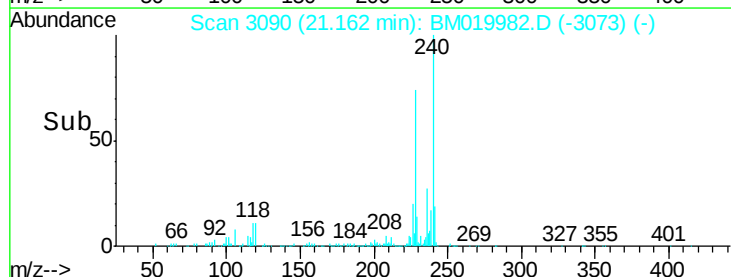
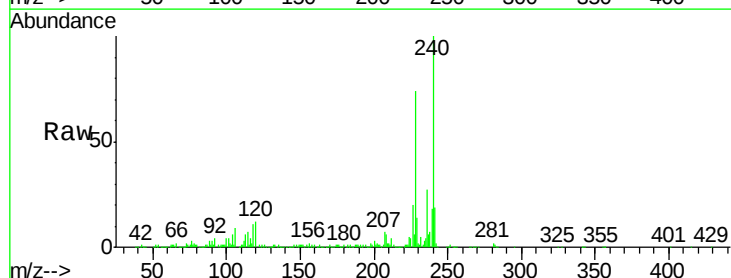
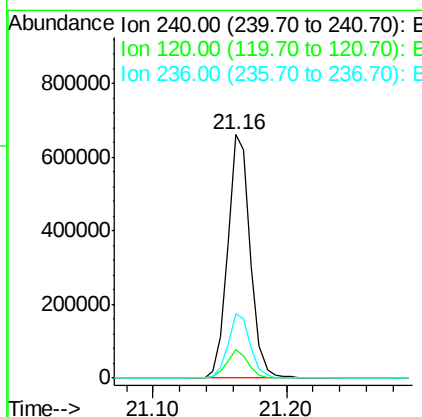
RT: 21.16 min Scan# 3090

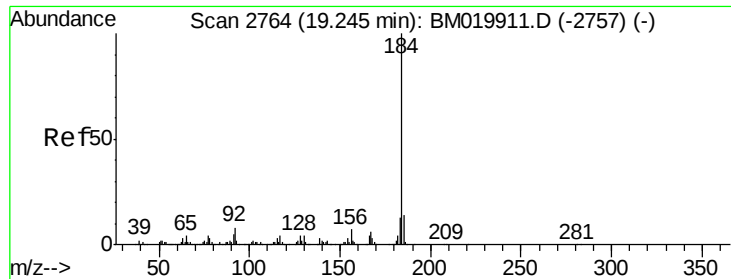
Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Tgt	Ion	240	Resp:	783046
Ion	Ratio	Lower	Upper	
240	100			
120	11.7	8.6	13.0	
236	26.5	21.4	32.2	





#77

Benzidine

Concen: 22.321 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

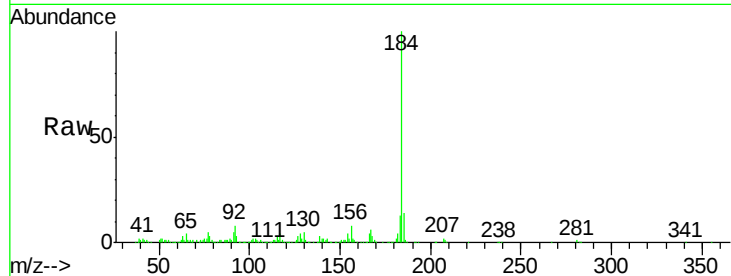
ClientSampleId :

GMW-7MS

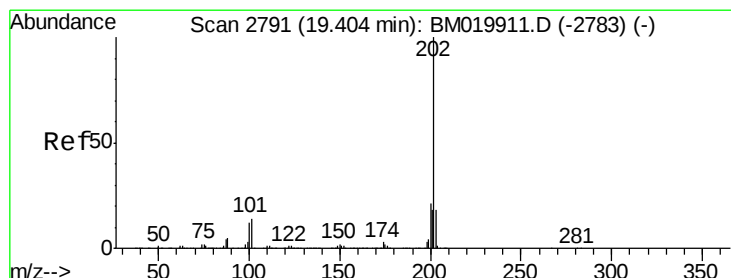
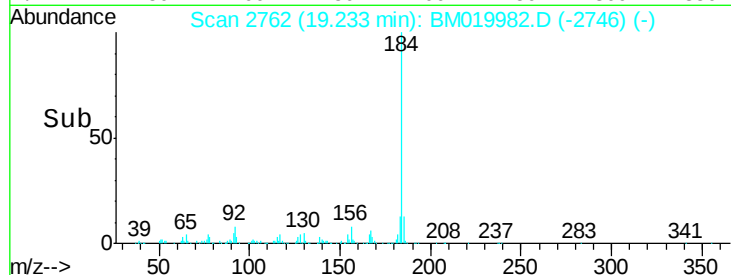
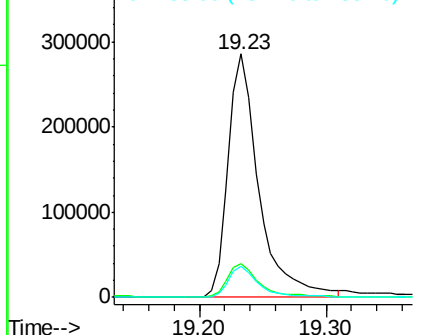
Tgt Ion:	184	Resp:	482247
Ion Ratio		Lower	Upper
184	100		
185	14.0	11.0	16.6
183	12.9	10.1	15.1

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.421 ng

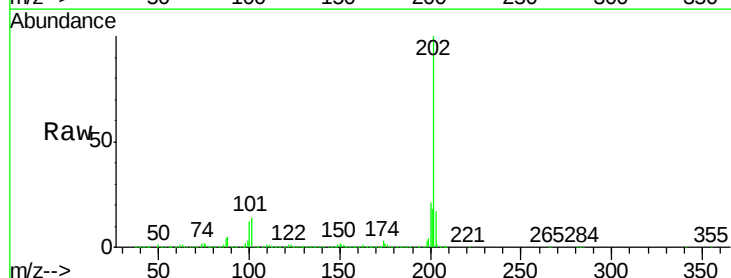
RT: 19.39 min Scan# 2788

Delta R.T. -0.00 min

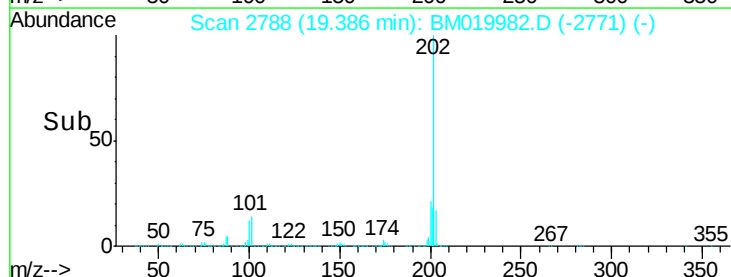
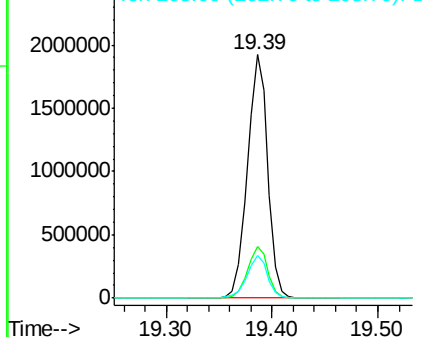
Lab File: BM019982.D

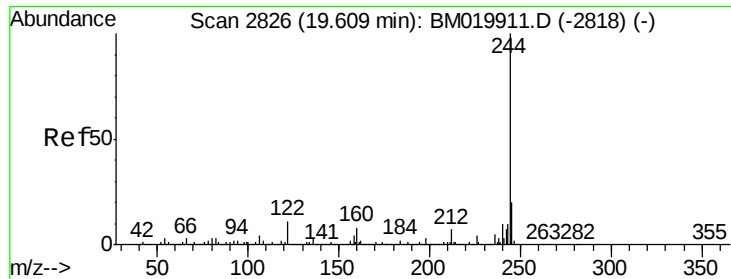
Acq: 19 Apr 2019 19:26

Tgt Ion:	202	Resp:	2562738
Ion Ratio		Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.4	14.0	21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 100.462 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

ClientSampleId :

GMW-7MS

Tgt Ion:244 Resp: 4459967

Ion Ratio Lower Upper

244 100

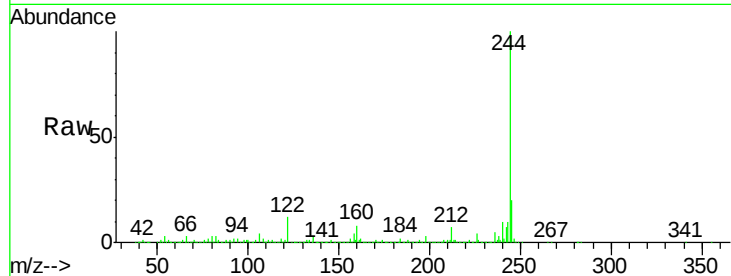
212 7.2 5.7 8.5

122 11.6 9.1 13.7

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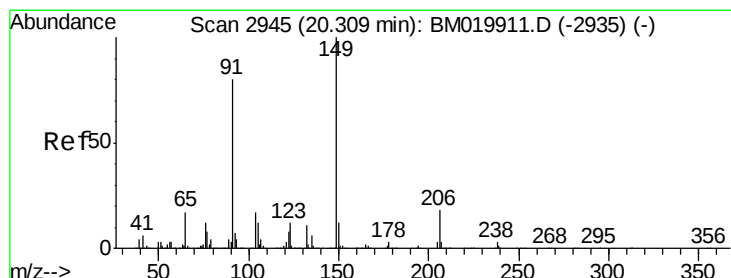
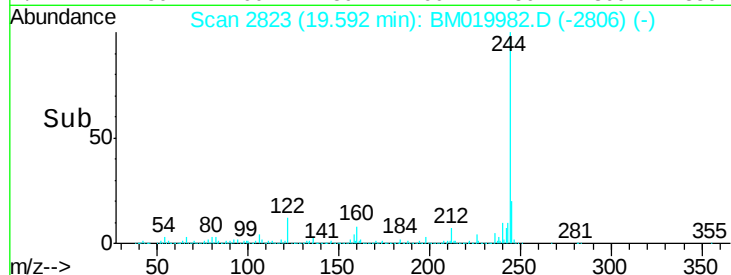
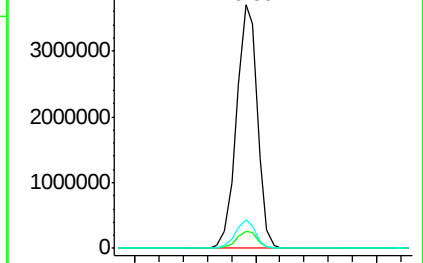
4/23/2019 8:19:18 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.158 ng

RT: 20.30 min Scan# 2943

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

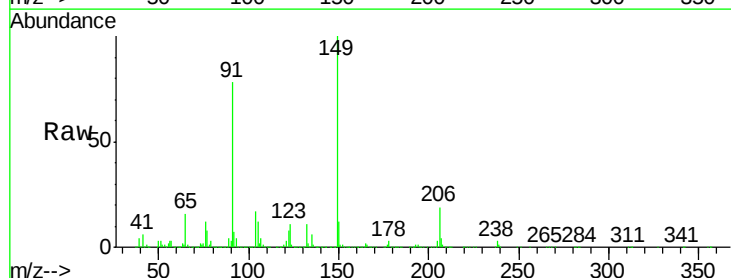
Tgt Ion:149 Resp: 1286129

Ion Ratio Lower Upper

149 100

91 78.4 63.7 95.5

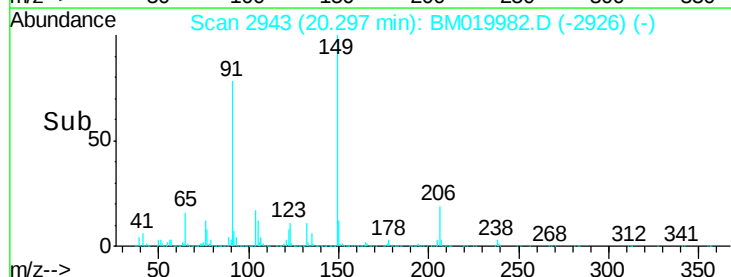
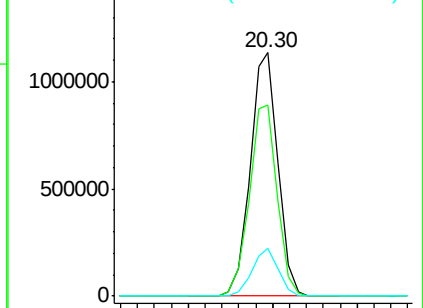
206 19.4 14.6 21.8

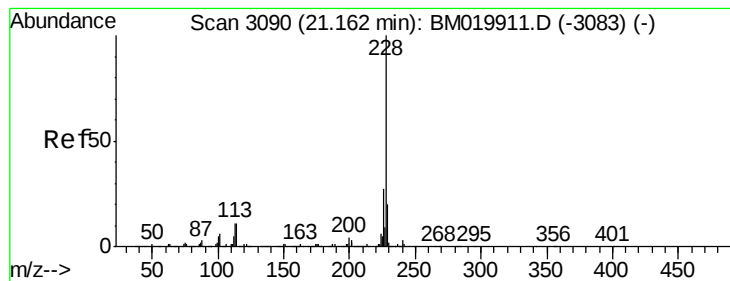


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.406 ng

RT: 21.15 min Scan# 3088

Delta R.T. 0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

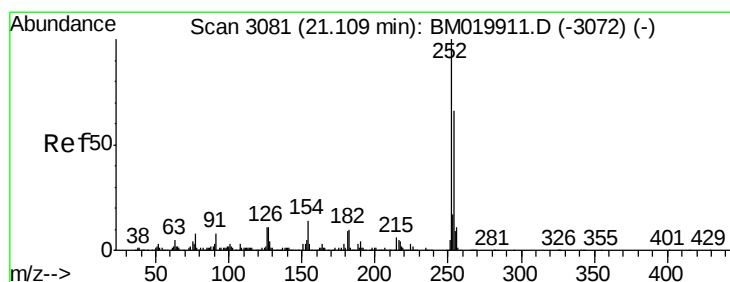
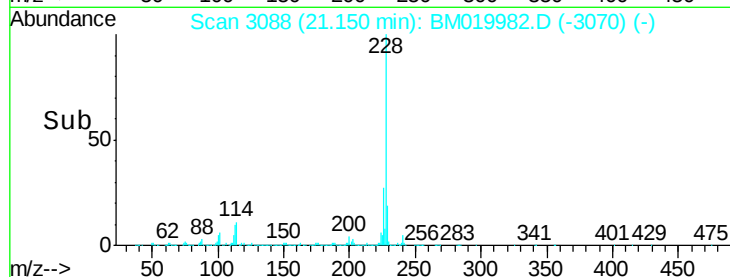
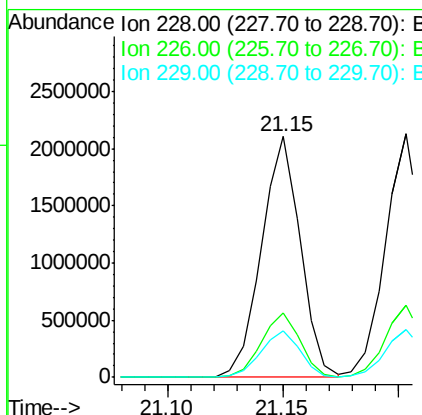
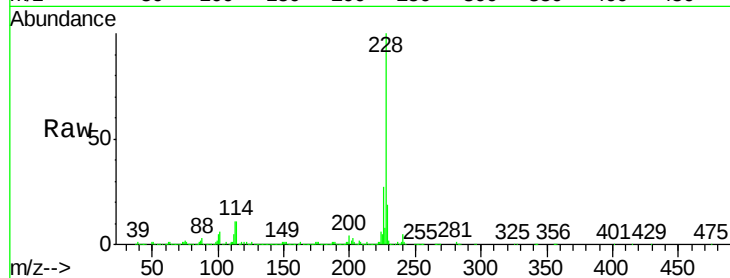
ClientSampleId :

GMW-7MS

Tgt Ion:	228	Resp:	2450722
Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.6
229	19.2	15.9	23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 35.905 ng

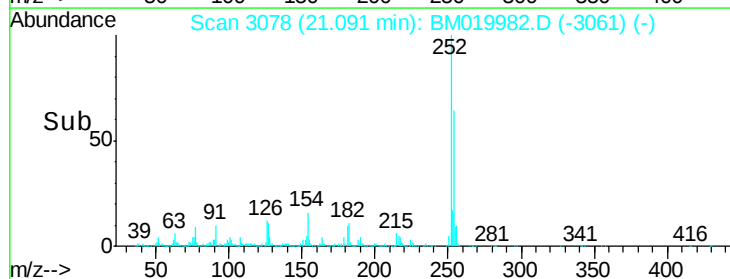
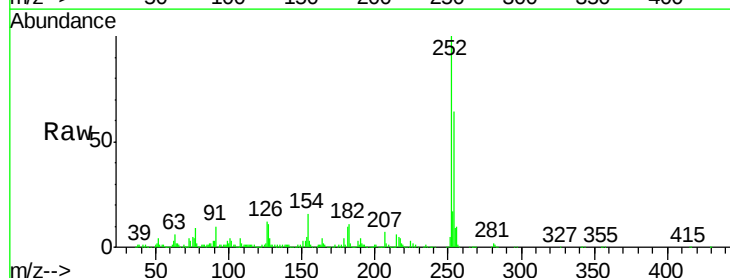
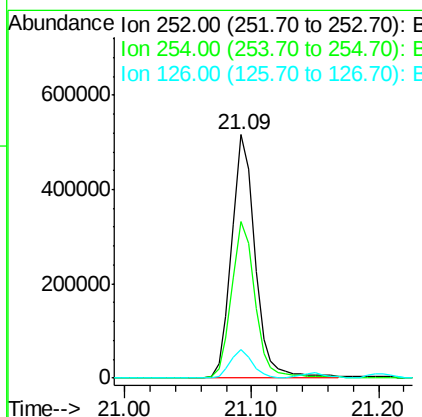
RT: 21.09 min Scan# 3078

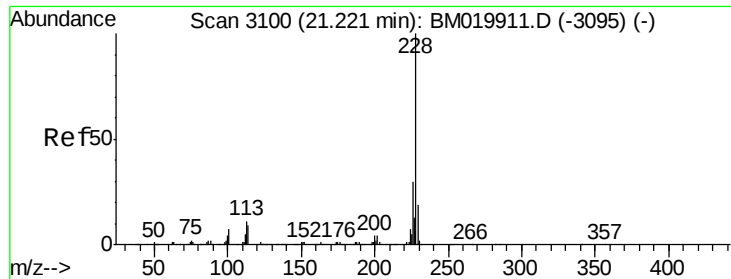
Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Tgt Ion:	252	Resp:	662647
Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	78.8
126	11.6	8.6	12.8





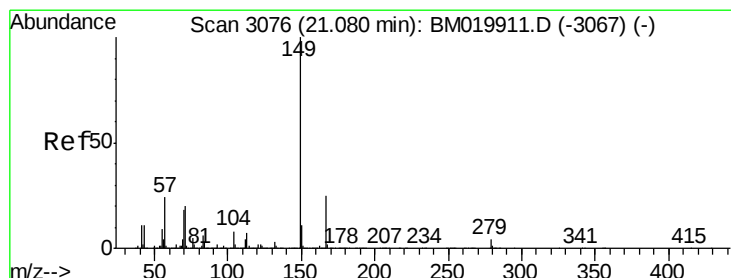
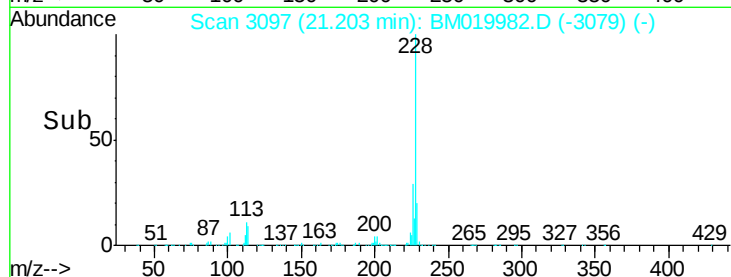
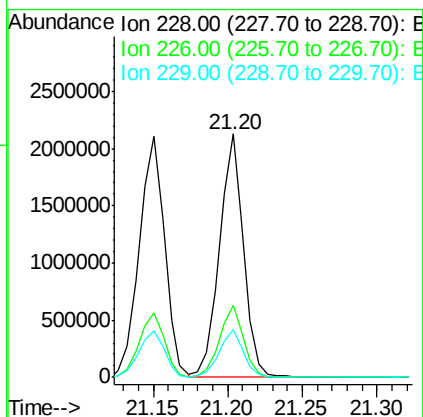
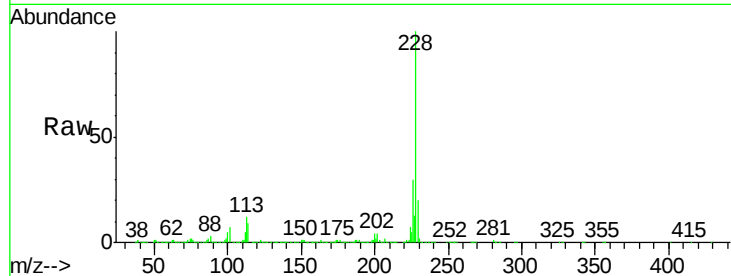
#83
Chrysene
Concen: 50.592 ng
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	19.8	15.6	23.4

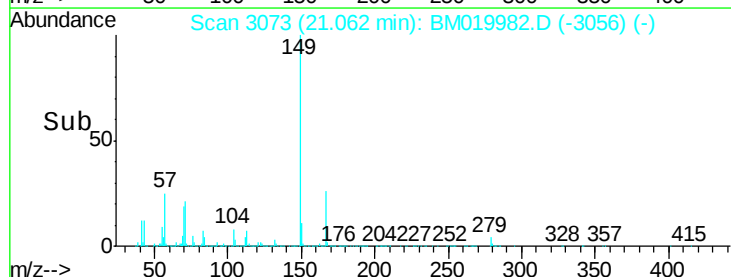
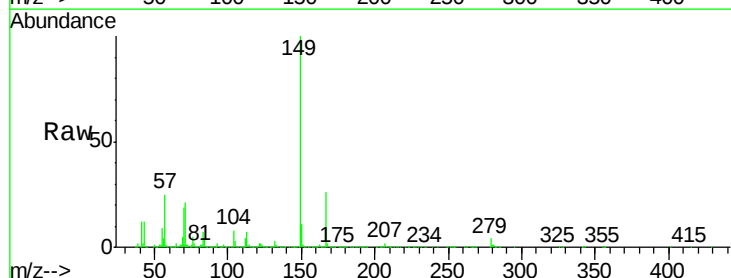
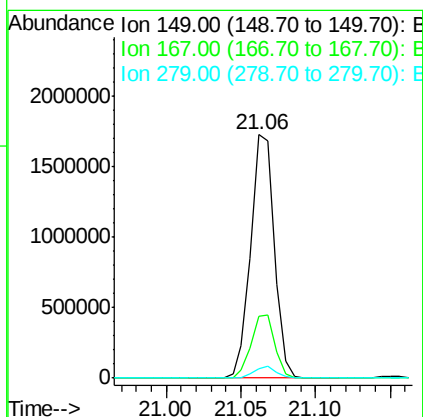
Manual Integrations
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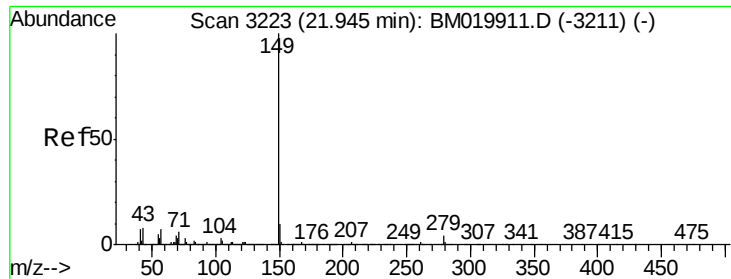
Sohil
4/23/2019 8:19:18 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.299 ng
RT: 21.06 min Scan# 3073
Delta R.T. -0.00 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.3	30.5
279	4.0	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 54.225 ng

RT: 21.93 min Scan# 3221

Delta R.T. 0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

ClientSampleId :

GMW-7MS

Tgt Ion:149 Resp: 3293168

Ion Ratio Lower Upper

149 100

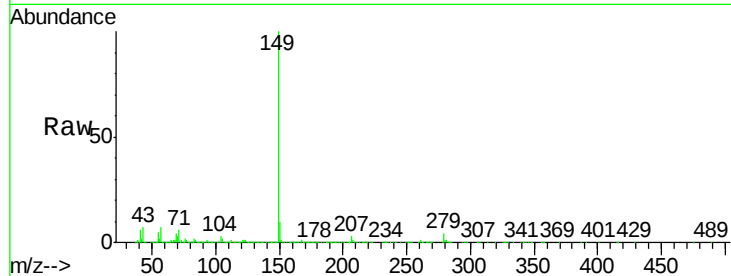
167 1.6 1.3 1.9

43 7.5 6.0 9.0

Manual Integrations
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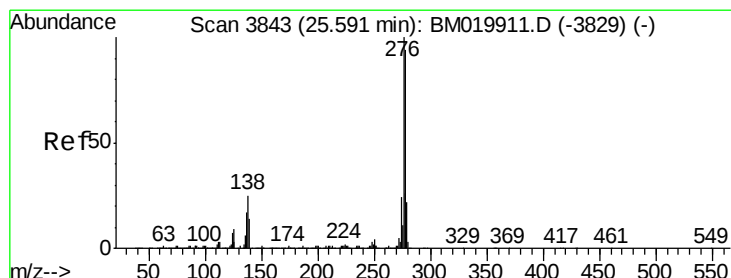
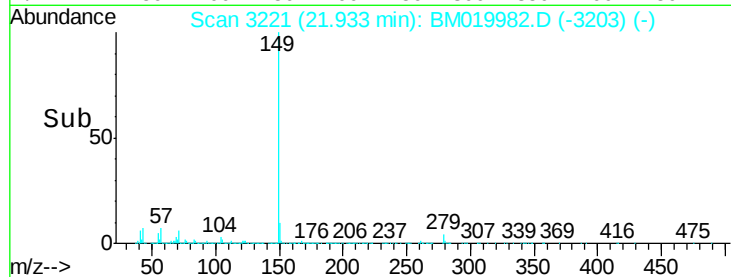
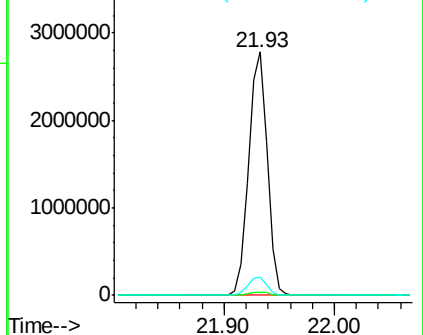
4/23/2019 8:19:18 AM



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.813 ng

RT: 25.56 min Scan# 3837

Delta R.T. 0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

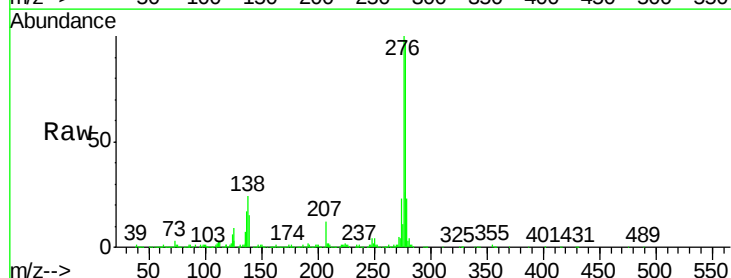
Tgt Ion:276 Resp: 2237454

Ion Ratio Lower Upper

276 100

138 23.9 19.0 28.6

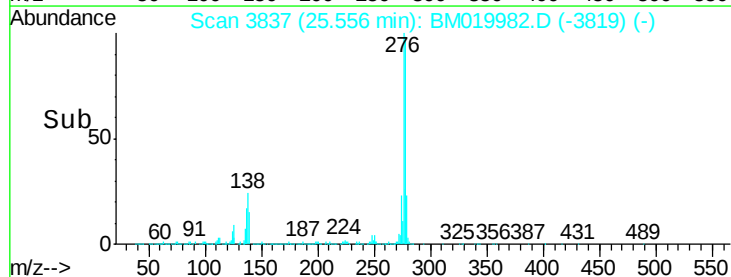
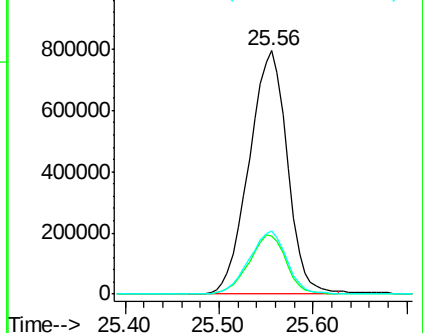
277 25.5 20.3 30.5

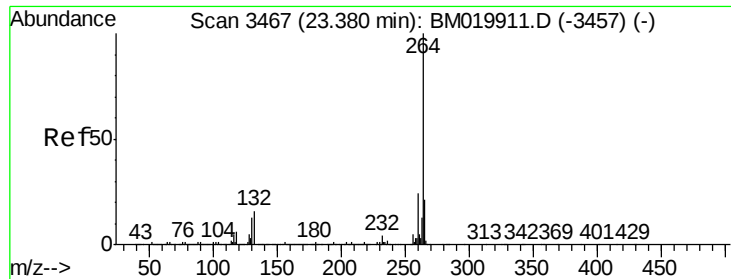


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.36 min Scan# 3463

Delta R.T. 0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

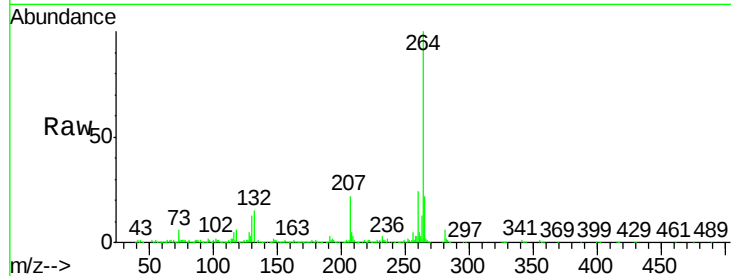
ClientSampled :

GMW-7MS

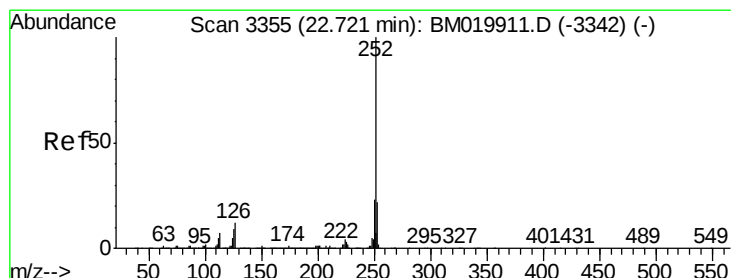
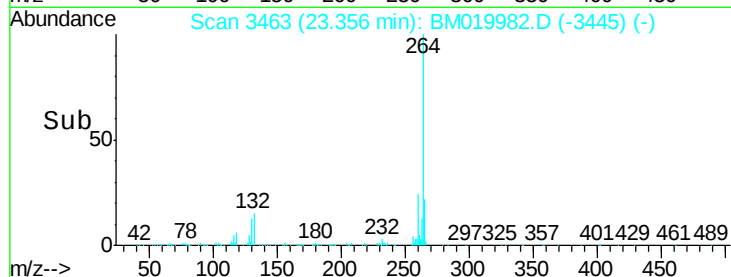
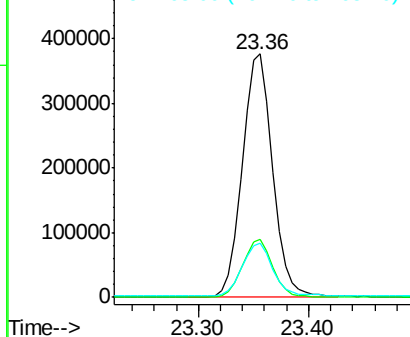
Tgt Ion:	264	Resp:	729509
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	22.2	17.2	25.8

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.161 ng

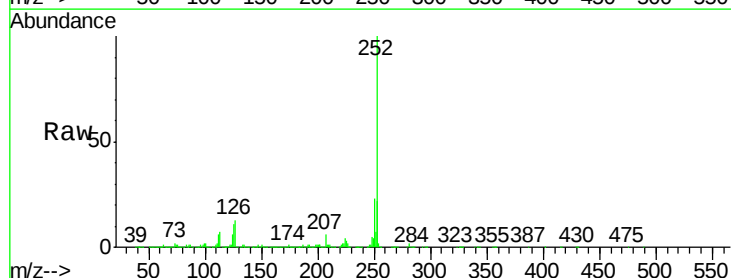
RT: 22.70 min Scan# 3351

Delta R.T. -0.00 min

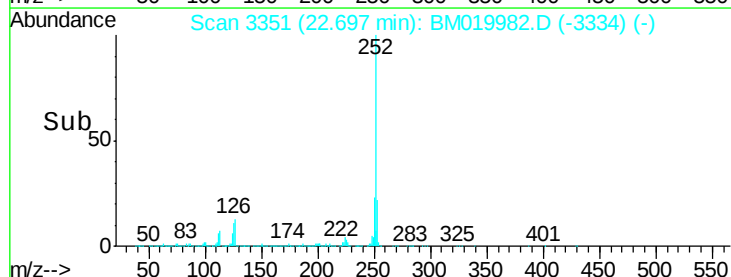
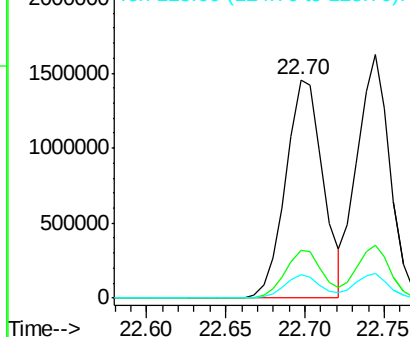
Lab File: BM019982.D

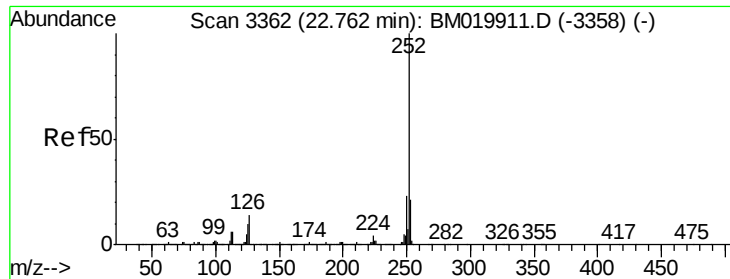
Acq: 19 Apr 2019 19:26

Tgt Ion:	252	Resp:	2381388
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	10.7	7.6	11.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





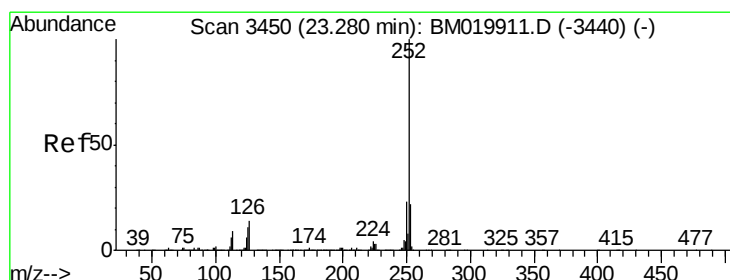
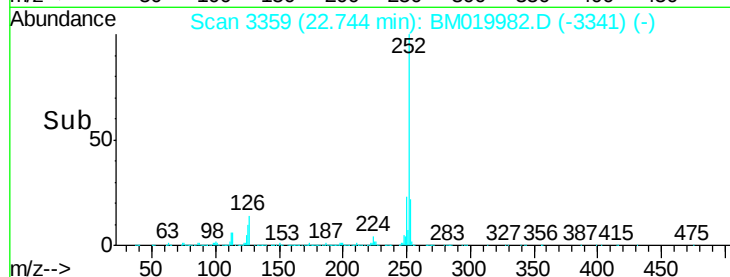
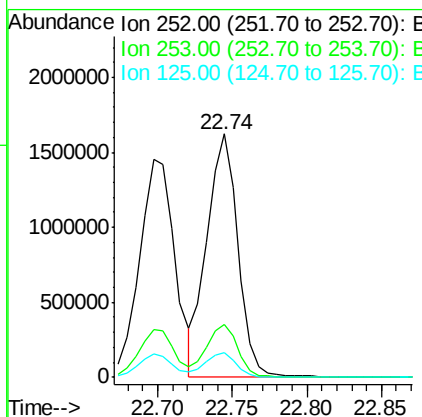
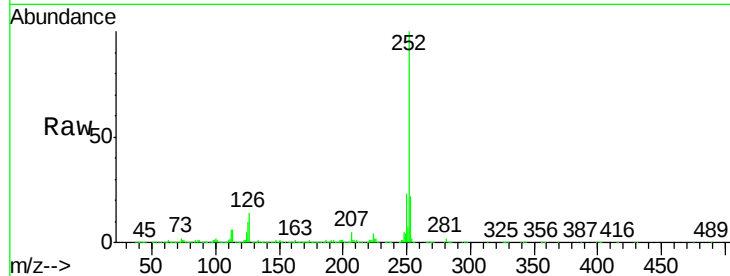
#89
Benzo(k)fluoranthene
Concen: 51.332 ng
RT: 22.74 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

Tgt Ion: 252 Resp: 2340929
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.0 8.2 12.4

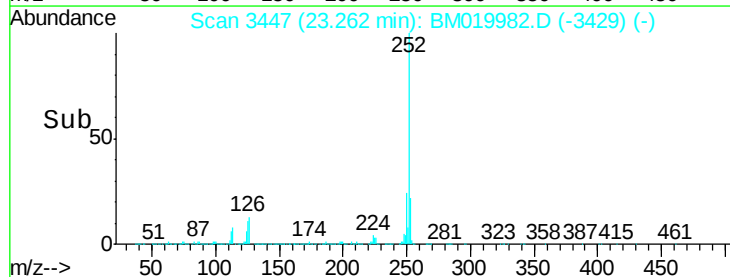
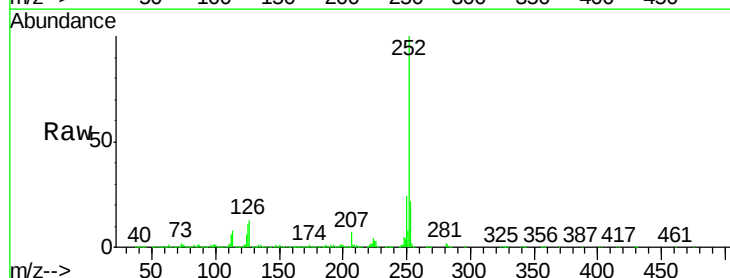
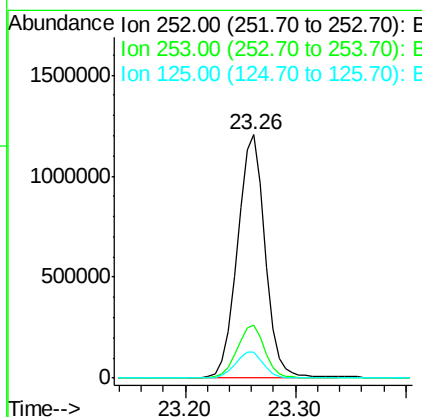
Manual Integrations
APPROVED

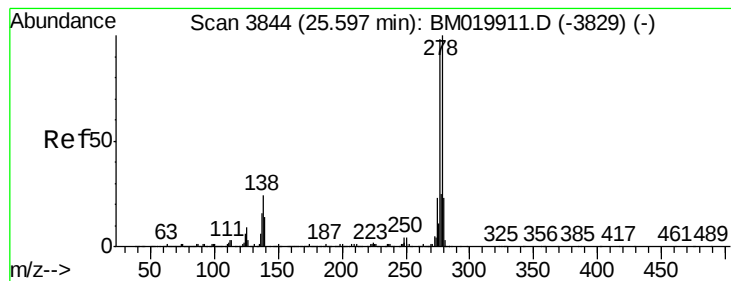
Sohil
4/23/2019 8:19:18 AM



#90
Benzo(a)pyrene
Concen: 49.345 ng
RT: 23.26 min Scan# 3447
Delta R.T. 0.01 min
Lab File: BM019982.D
Acq: 19 Apr 2019 19:26

Tgt Ion: 252 Resp: 2117930
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.9 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 47.024 ng

RT: 25.56 min Scan# 3837

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA_M

ClientSampled :

GMW-7MS

Tgt Ion:278 Resp: 1945919

Ion Ratio Lower Upper

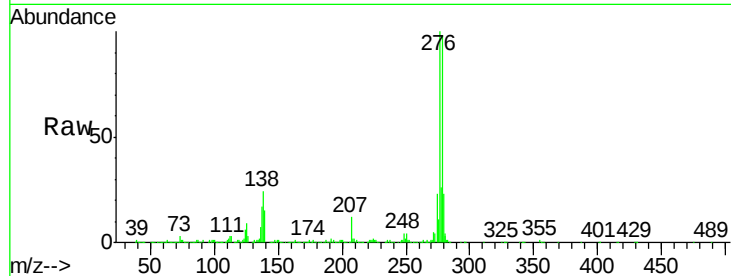
278 100

139 15.4 11.6 17.4

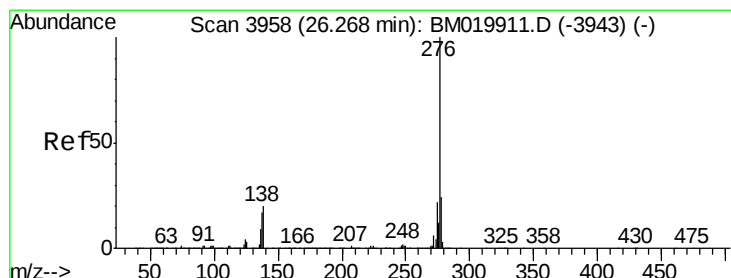
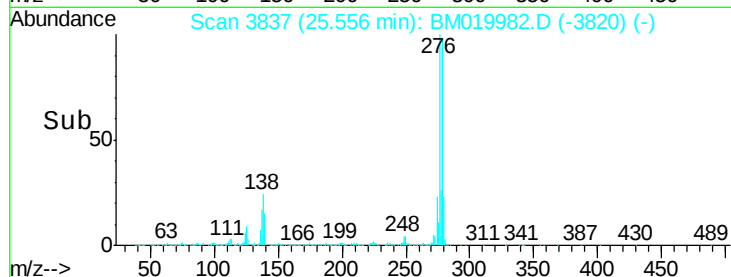
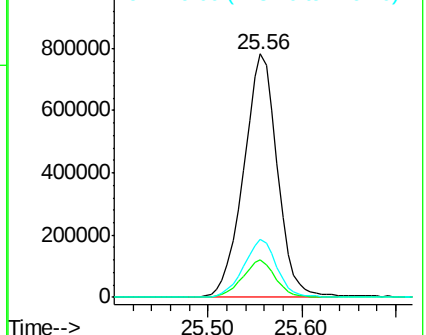
279 23.6 18.4 27.6

Manual Integrations
APPROVED

Sohil
4/23/2019 8:19:18 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.066 ng

RT: 26.23 min Scan# 3952

Delta R.T. 0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

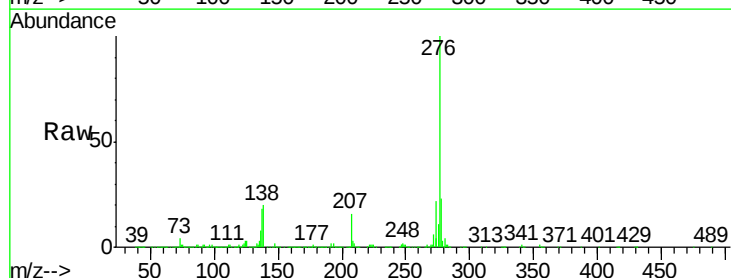
Tgt Ion:276 Resp: 1726572

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 20.4 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

