

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018611.D
 Acq On : 17 Jan 2019 13:24
 Operator : JU/SJ
 Sample : PB116441BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116441BS

Manual Integrations
 APPROVED

Sohil
 1/18/2019 12:06:56 PM

Quant Time: Jan 18 08:14:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	292065	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1075666	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	539689	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1033288	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	925791m	20.00	ng	-0.02
87) Perylene-d12	23.61	264	994399	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2141861	135.41	ng	-0.02
7) Phenol-d6	6.92	99	2551791	127.02	ng	-0.01
23) Nitrobenzene-d5	8.91	82	1456065	78.47	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	900517	131.05	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	3513964	84.96	ng	-0.02
79) Terphenyl-d14	19.77	244	4167478	94.89	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	217542	33.745	ng	96
3) Pyridine	3.67	79	572859	35.642	ng	95
4) n-Nitrosodimethylamine	3.59	42	277570	41.763	ng	# 95
6) Aniline	7.08	93	670757	29.931	ng	98
8) 2-Chlorophenol	7.31	128	740099	40.063	ng	94
9) Benzaldehyde	6.89	77	189329	13.700	ng	94
10) Phenol	6.95	94	761918	37.322	ng	99
11) bis(2-Chloroethyl)ether	7.17	93	615908	38.396	ng	95
12) 1,3-Dichlorobenzene	7.63	146	832647	37.847	ng	98
13) 1,4-Dichlorobenzene	7.77	146	846083	37.944	ng	100
14) 1,2-Dichlorobenzene	8.09	146	808256	38.227	ng	100
15) Benzyl Alcohol	7.99	79	564872	38.930	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	764879	37.312	ng	96
17) 2-Methylphenol	8.19	107	537337	38.776	ng	99
18) Hexachloroethane	8.80	117	311388	39.166	ng	96
19) n-Nitroso-di-n-propylamine	8.55	70	470279	35.971	ng	93
20) 3+4-Methylphenols	8.52	107	706857	36.951	ng	98
22) Acetophenone	8.57	105	972355	36.542	ng	# 96
24) Nitrobenzene	8.95	77	700216	38.353	ng	95
25) Isophorone	9.47	82	1244914	44.306	ng	97
26) 2-Nitrophenol	9.65	139	392004	44.405	ng	97
27) 2,4-Dimethylphenol	9.71	122	593041	44.818	ng	100
28) bis(2-Chloroethoxy)methane	9.95	93	792710	40.839	ng	99
29) 2,4-Dichlorophenol	10.18	162	645959	40.997	ng	97
30) 1,2,4-Trichlorobenzene	10.39	180	761771	38.951	ng	100
31) Naphthalene	10.58	128	2143529	41.377	ng	99
32) Benzoic acid	9.84	122	298658m	35.484	ng	
33) 4-Chloroaniline	10.70	127	260508	12.769	ng	98
34) Hexachlorobutadiene	10.85	225	488080	39.504	ng	99
35) Caprolactam	11.52	113	158967m	29.675	ng	
36) 4-Chloro-3-methylphenol	11.83	107	588676	35.612	ng	99
37) 2-Methylnaphthalene	12.20	142	1523329	41.619	ng	99
38) 1-Methylnaphthalene	12.42	142	1424079	40.211	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	806457	42.731	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	1076468	103.928	nq	99
43) 2,4,6-Trichlorophenol	12.82	196	491869	42.918	nq	98
44) 2,4,5-Trichlorophenol	12.89	196	500688	41.540	nq	96
46) 1,1'-Biphenyl	13.22	154	1866113	39.601	nq	99
47) 2-Chloronaphthalene	13.26	162	1436335	39.307	nq	100
48) 2-Nitroaniline	13.48	65	330064	36.714	nq	89
49) Acenaphthylene	14.11	152	2209381	41.488	nq	100
50) Dimethylphthalate	13.85	163	1680307	37.910	nq	100
51) 2,6-Dinitrotoluene	13.98	165	357426	38.070	nq	89
52) Acenaphthene	14.46	154	1275073	39.133	nq	98
53) 3-Nitroaniline	14.31	138	219673	23.208	nq	97
54) 2,4-Dinitrophenol	14.52	184	310618	62.815	nq	92
55) Dibenzofuran	14.79	168	2006526	37.270	nq	99
56) 4-Nitrophenol	14.63	139	524176	64.103	nq	95
57) 2,4-Dinitrotoluene	14.76	165	474524	35.722	nq	98
58) Fluorene	15.44	166	1571221	39.178	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.02	232	428685	40.125	nq	96
60) Diethylphthalate	15.22	149	1687620	37.716	nq	100
61) 4-Chlorophenyl-phenylether	15.43	204	834176	36.089	nq	99
62) 4-Nitroaniline	15.48	138	312235	30.243	nq	98
63) Azobenzene	15.73	77	1312375	35.974	nq	97
65) 4,6-Dinitro-2-methylphenol	15.53	198	231331	36.571	nq	84
66) n-Nitrosodiphenylamine	15.66	169	1329859	41.491	nq	99
67) 4-Bromophenyl-phenylether	16.33	248	491100	42.471	nq	95
68) Hexachlorobenzene	16.43	284	523426	40.435	nq	98
69) Atrazine	16.61	200	461127	39.796	nq	99
70) Pentachlorophenol	16.79	266	617093	72.789	nq	98
71) Phenanthrene	17.18	178	2216227	40.324	nq	100
72) Anthracene	17.27	178	2253415	42.638	nq	99
73) Carbazole	17.55	167	1842048	33.925	nq	99
74) Di-n-butylphthalate	18.10	149	2623028	44.102	nq	100
75) Fluoranthene	19.20	202	2312602	36.496	nq	97
77) Benzidine	19.40	184	743997	32.547	nq	99
78) Pyrene	19.57	202	2280990	41.566	nq	99
80) Butylbenzylphthalate	20.47	149	1032748	44.104	nq	97
81) Benzo(a)anthracene	21.32	228	2129355	39.042	nq	100
82) 3,3'-Dichlorobenzidine	21.26	252	548673	26.604	nq	99
83) Chrysene	21.37	228	2004927	38.068	nq	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	1527531	45.176	nq	99
85) Di-n-octyl phthalate	22.13	149	2499975	43.959	nq	# 94
86) Indeno(1,2,3-cd)pyrene	25.91	276	2991641	49.261	nq	96
88) Benzo(b)fluoranthene	22.92	252	2244733	39.762	nq	98
89) Benzo(k)fluoranthene	22.97	252	2144803	37.699	nq	98
90) Benzo(a)pyrene	23.51	252	2259843	41.813	nq	# 97
91) Dibenzo(a,h)anthracene	25.93	278	2534914	46.289	nq	98
92) Benzo(g,h,i)perylene	26.63	276	2552501	47.897	nq	96

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

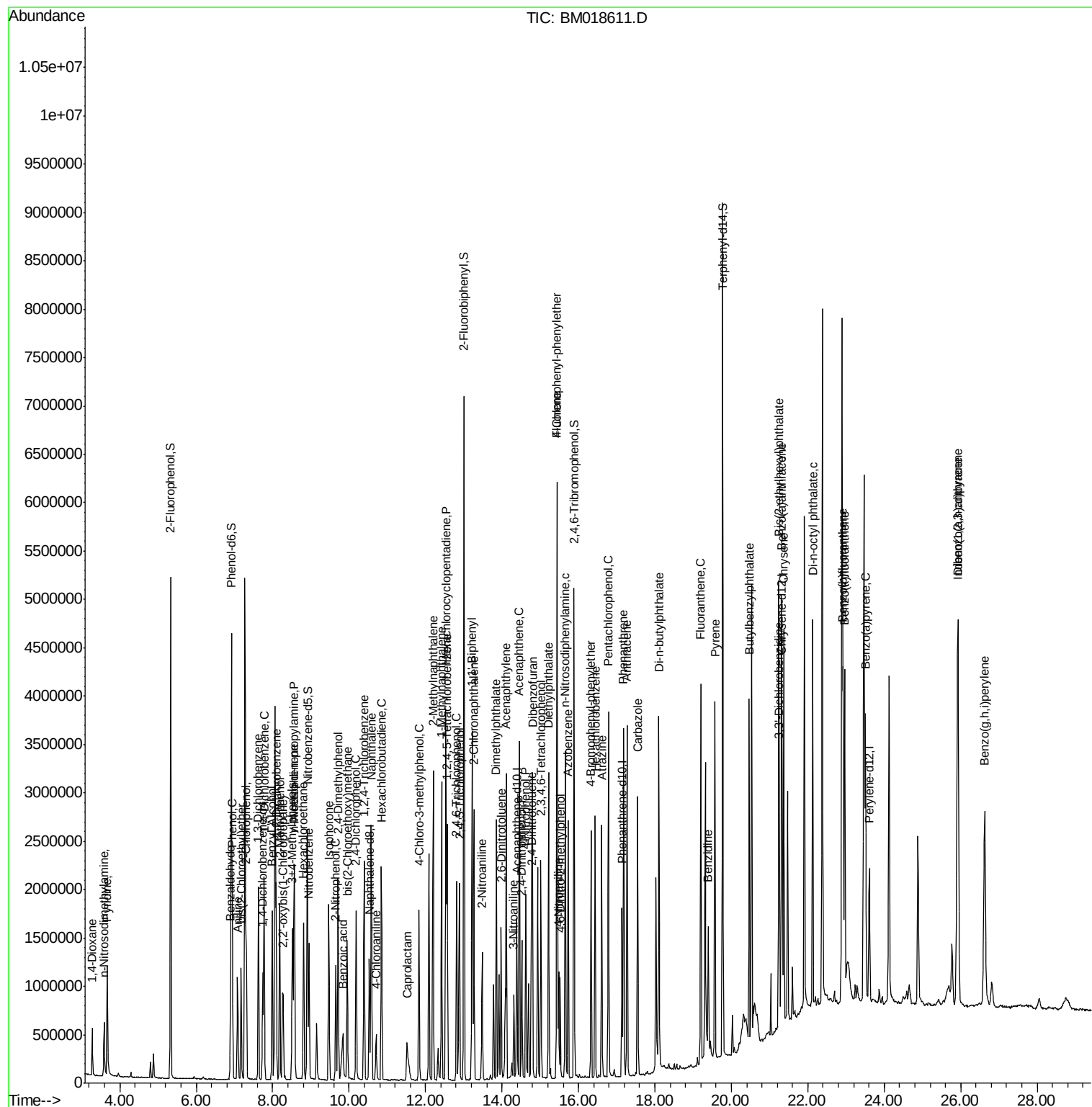
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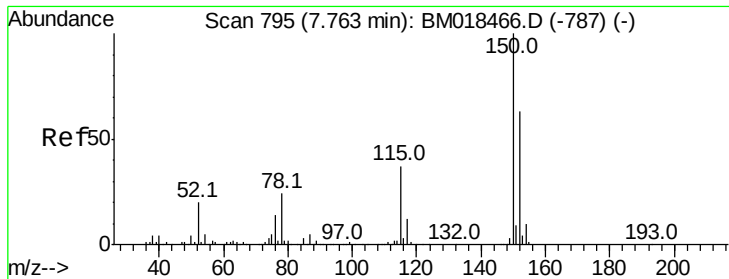
Instrument :
 BNA_M
 Client Sample ID :
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#1

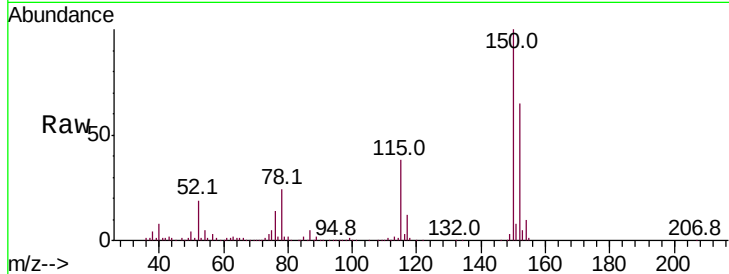
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.9	190.3
115	58.2	45.5	68.3

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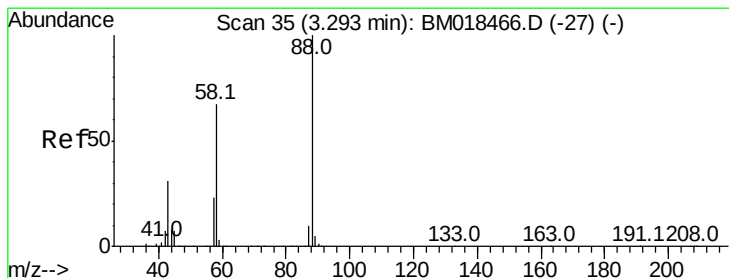
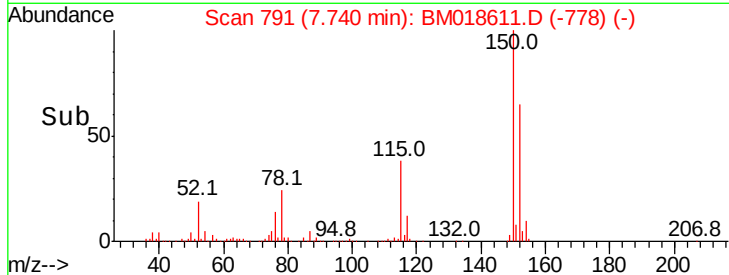
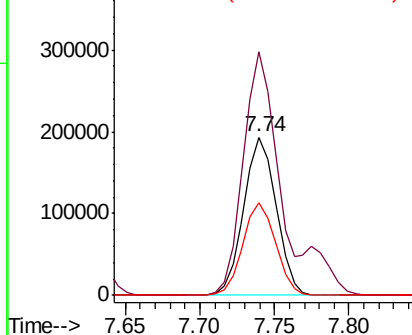


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

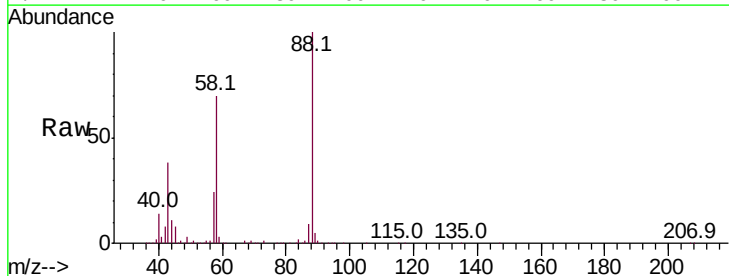
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.745 ng
RT: 3.28 min Scan# 32
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	58.4	87.6
43	32.4	26.2	39.4

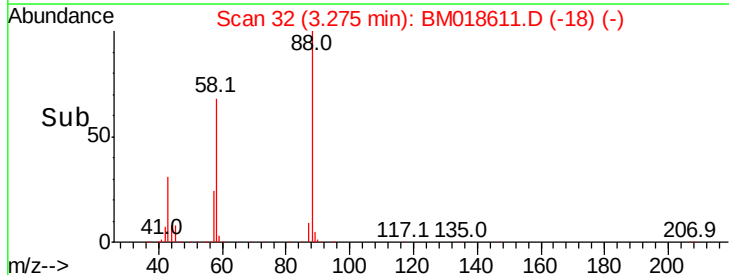
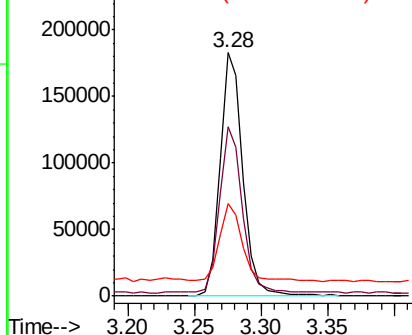


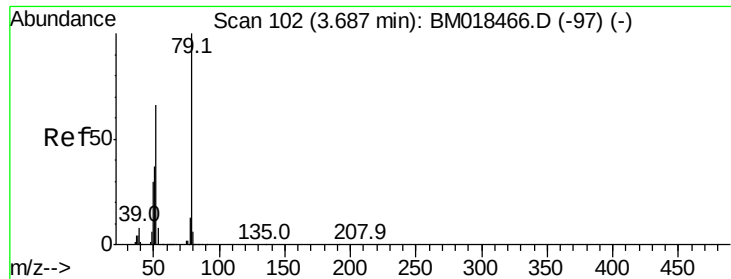
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 35.642 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.04 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

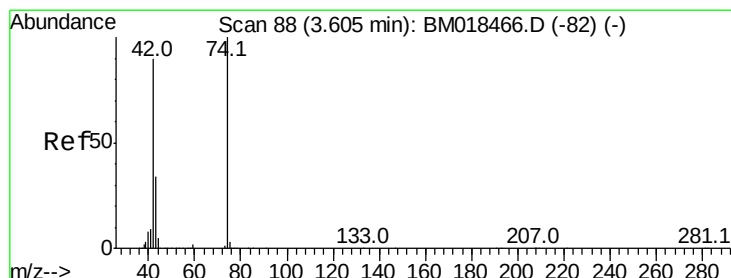
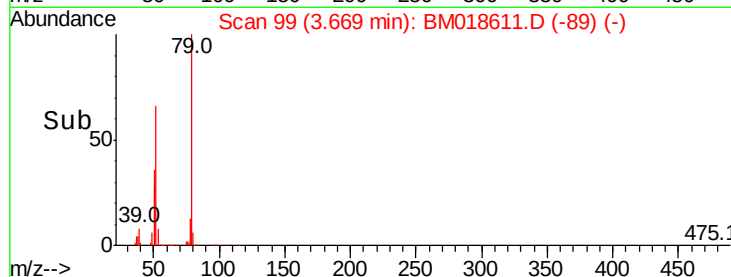
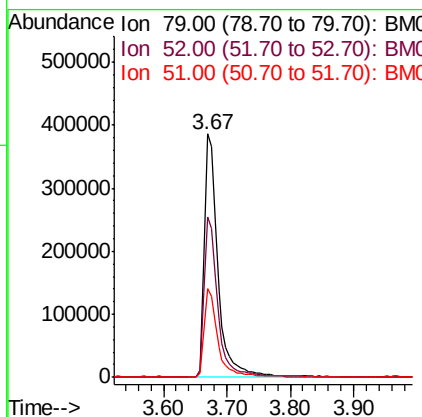
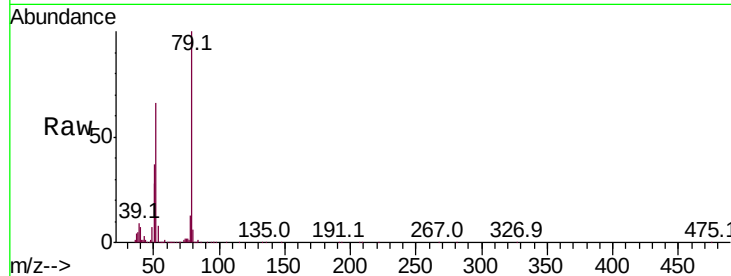
ClientSampleId :

PB116441BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	66.0	56.4	84.6		
51	36.7	31.0	46.4		

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#4

n-Nitrosodimethylamine

Concen: 41.763 ng

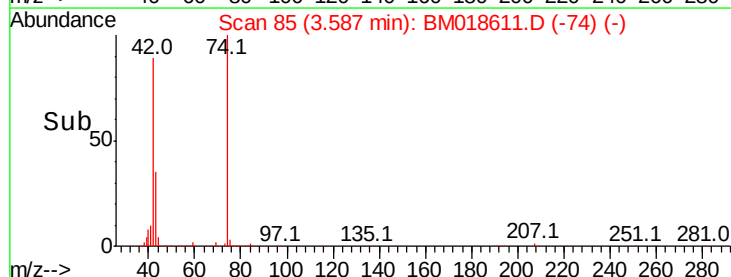
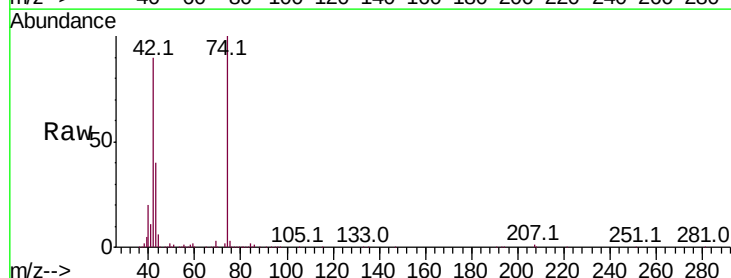
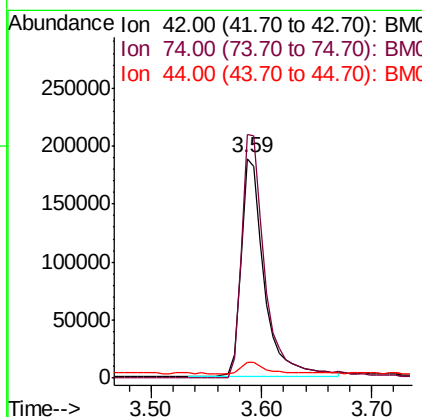
RT: 3.59 min Scan# 85

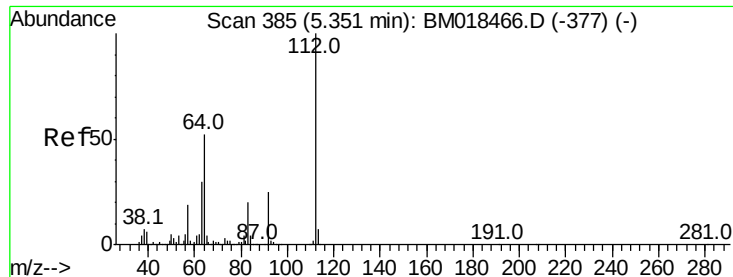
Delta R.T. -0.04 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	111.0	88.6	132.8		
44	7.2	16.9	25.3		





#5

2-Fluorophenol

Concen: 135.413 ng

RT: 5.33 min Scan# 382

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

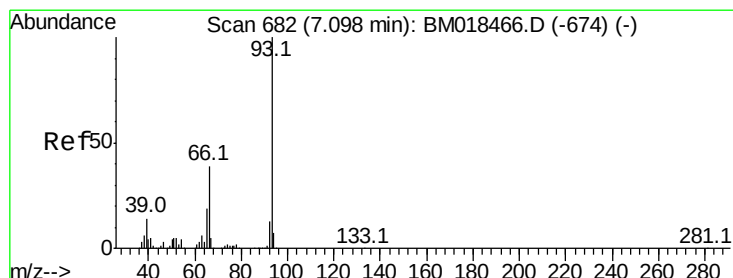
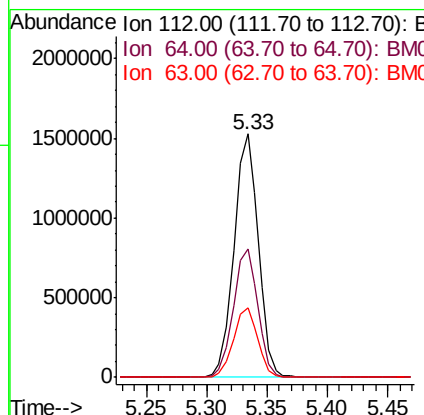
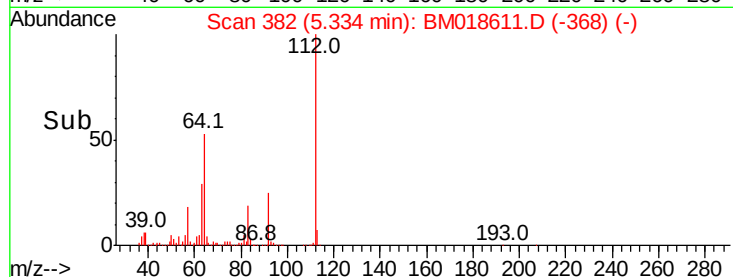
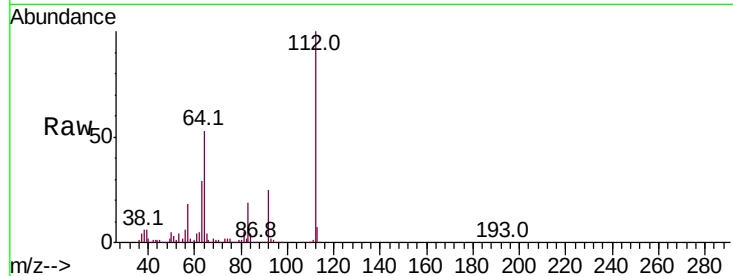
ClientSampleId :

PB116441BS

Tot Ion:	112	Resp:	2141861
Ion	Ratio	Lower	Upper
112	100		
64	52.9	46.5	69.7
63	28.7	25.2	37.8

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#6

Aniline

Concen: 29.931 ng

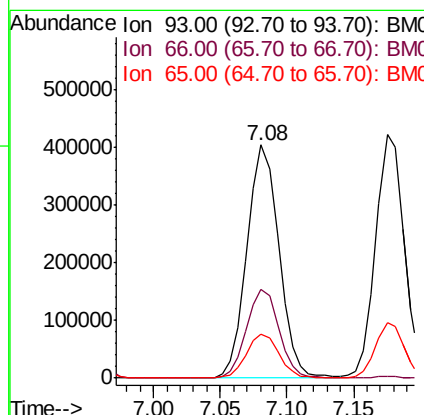
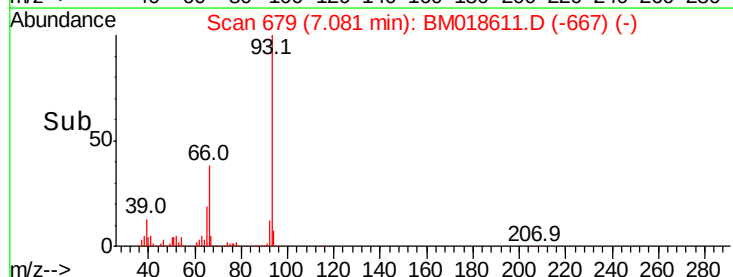
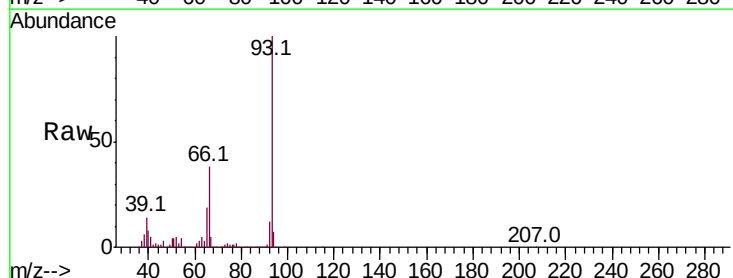
RT: 7.08 min Scan# 679

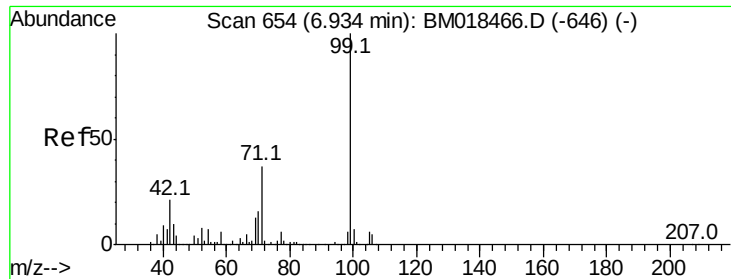
Delta R.T. -0.03 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Tgt Ion:	93	Resp:	670757
Ion	Ratio	Lower	Upper
93	100		
66	38.1	31.7	47.5
65	18.9	15.9	23.9





#7

Phenol-d6

Concen: 127.019 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

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ClientSampleId :

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Tot Ion: 99 Resp: 2551791

Ion Ratio Lower Upper

99 100

42 19.0 17.3 25.9

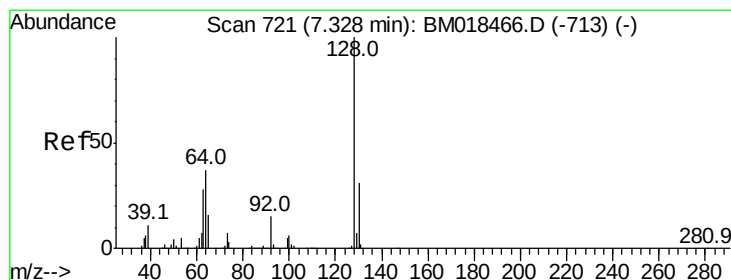
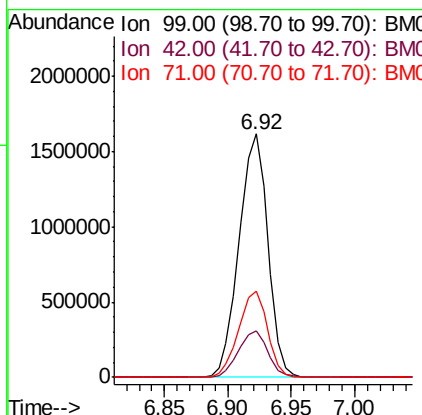
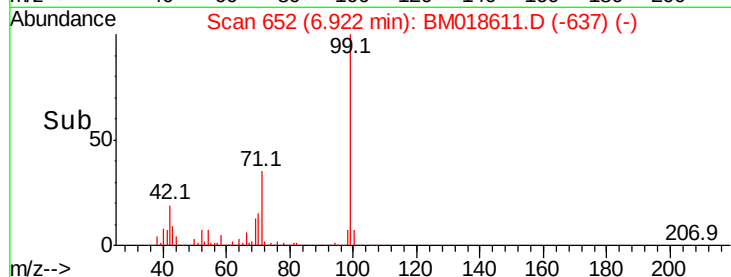
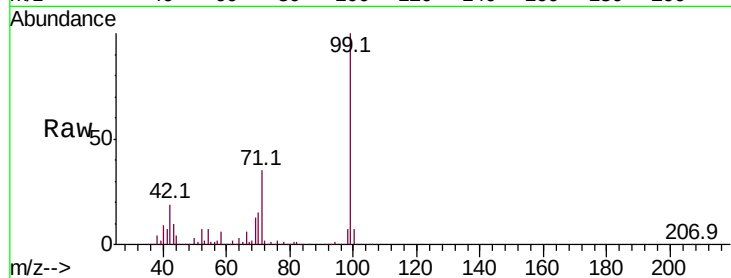
71 35.3 28.0 42.0

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#8

2-Chlorophenol

Concen: 40.063 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

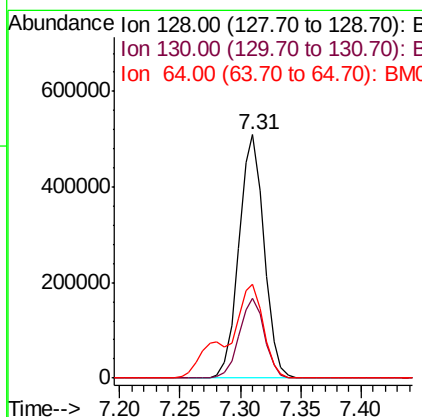
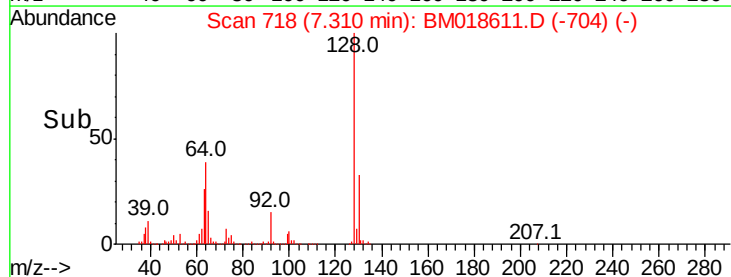
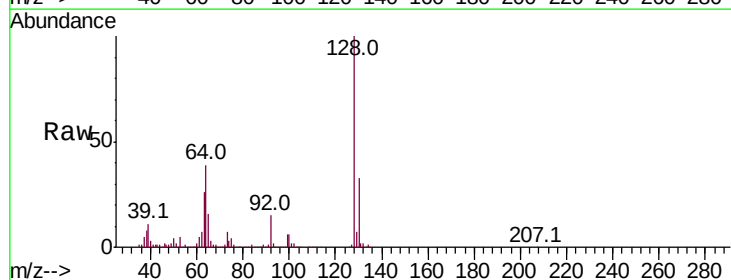
Tgt Ion: 128 Resp: 740099

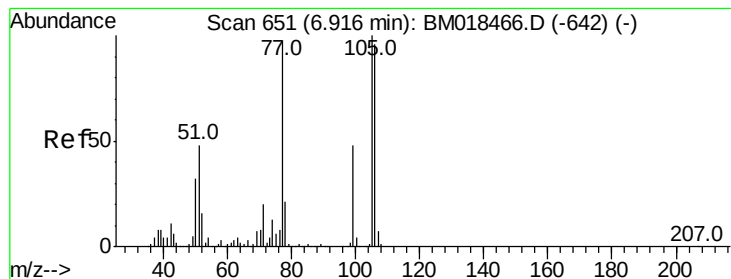
Ion Ratio Lower Upper

128 100

130 32.8 13.6 53.6

64 38.7 24.8 64.8





#9

Benzaldehyde

Concen: 13.700 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

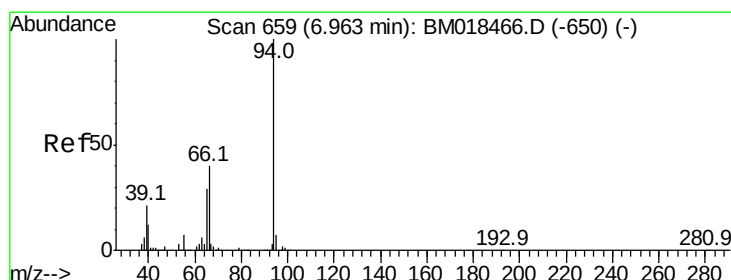
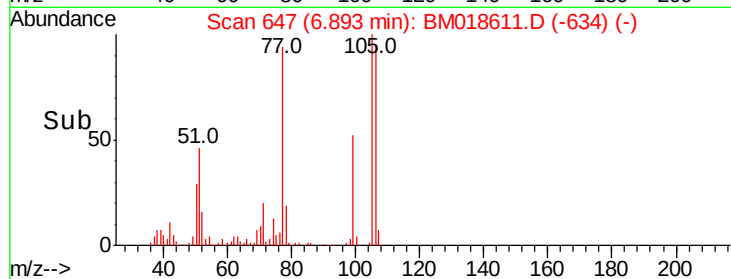
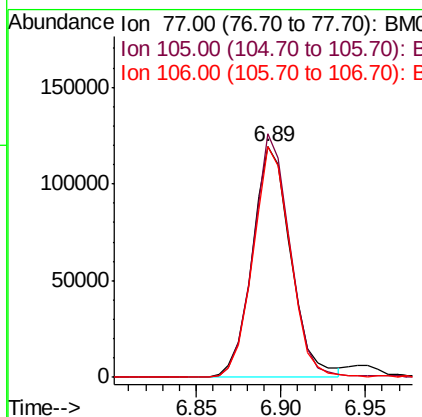
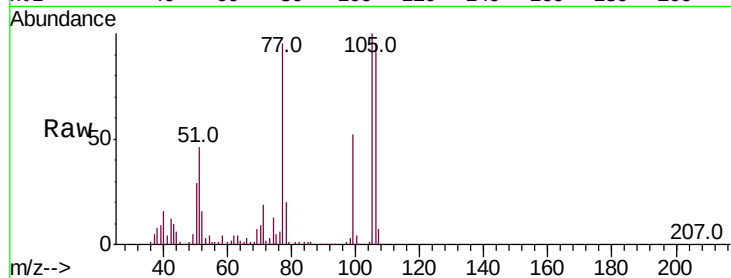
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Tot Ion:	77	Resp:	189329
Ion	Ratio	Lower	Upper
77	100		
105	105.7	79.7	119.7
106	100.3	75.2	115.2

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#10

Phenol

Concen: 37.322 ng

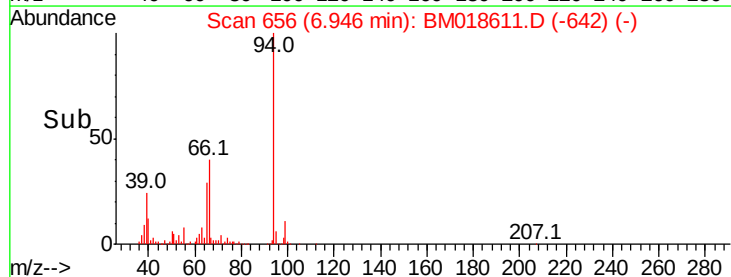
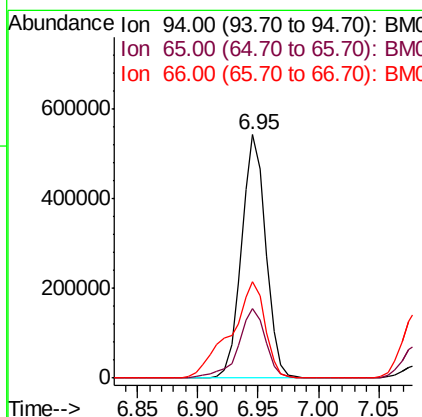
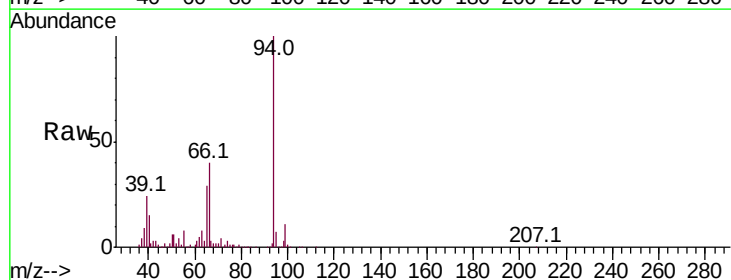
RT: 6.95 min Scan# 656

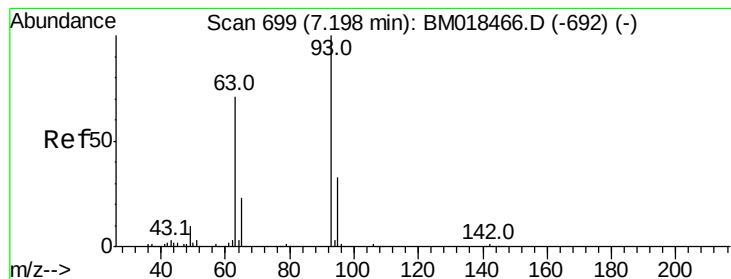
Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Tgt Ion:	94	Resp:	761918
Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.4	49.4
66	39.8	19.1	59.1





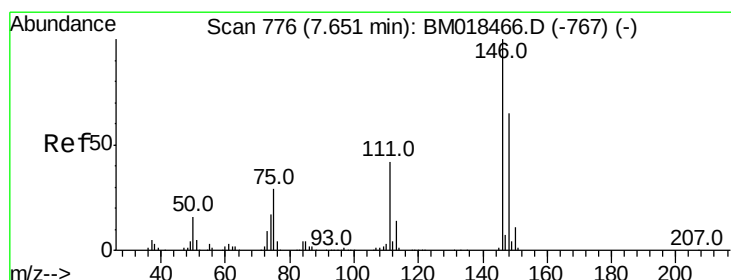
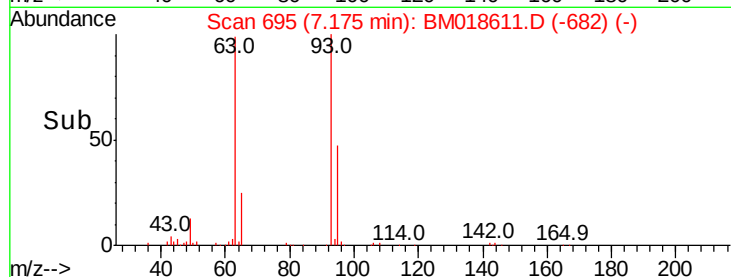
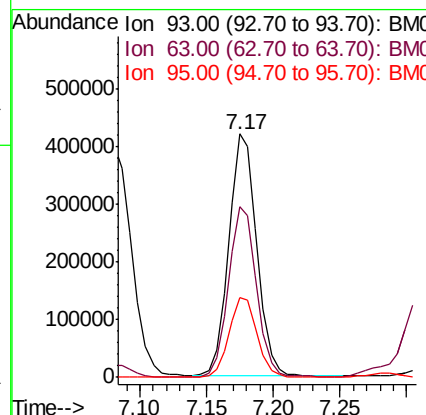
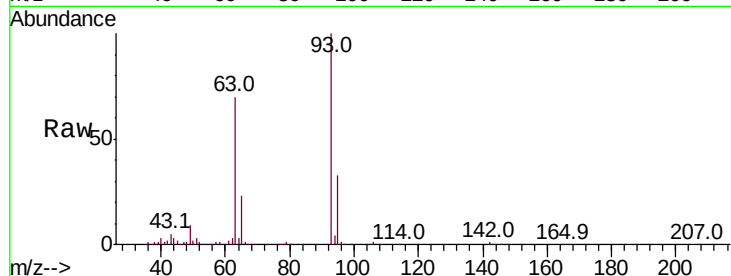
#11
bis(2-Chloroethyl)ether
Concen: 38.396 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampled :
PB116441BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.3	56.4	96.4
95	32.7	12.7	52.7

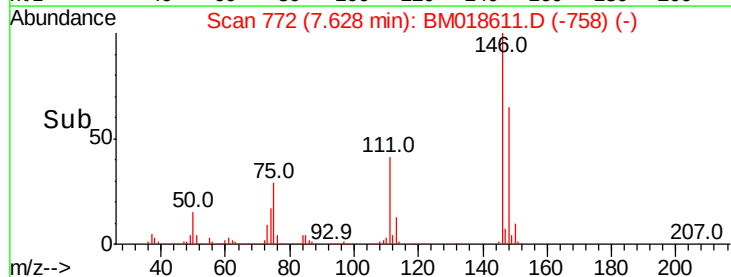
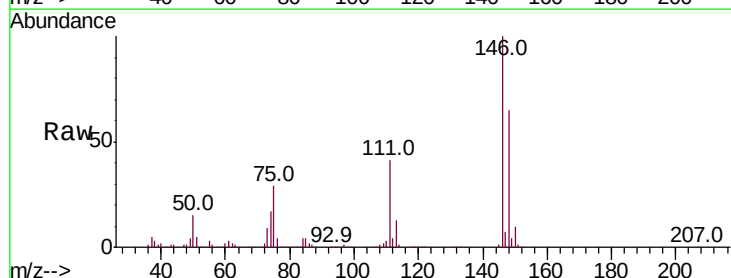
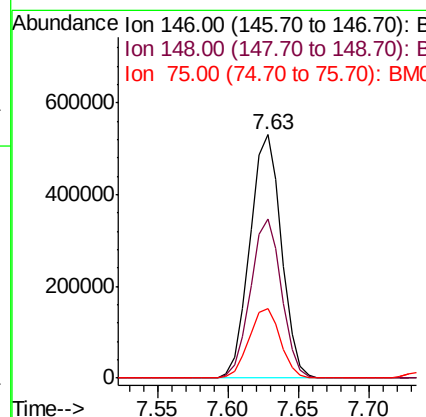
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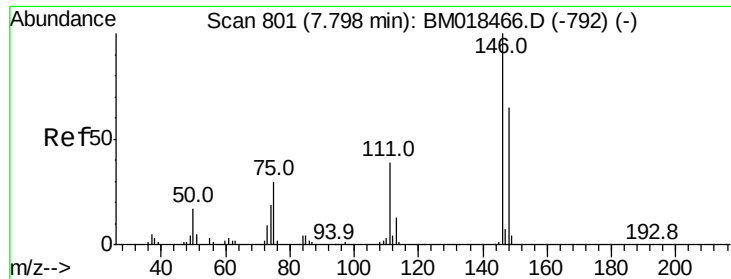
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.847 ng
RT: 7.63 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.5	75.7
75	28.6	23.0	34.6





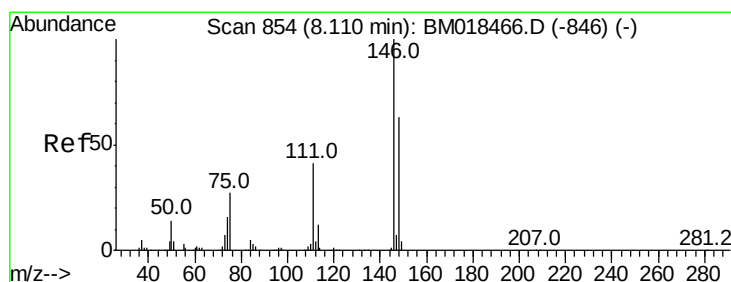
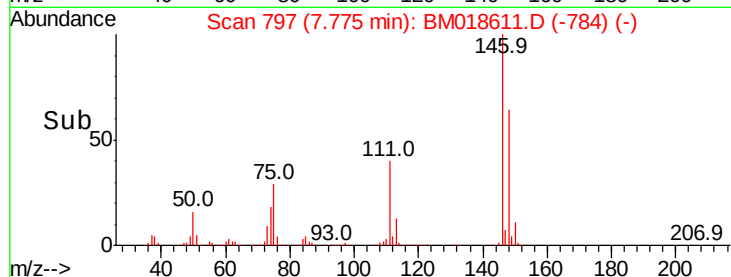
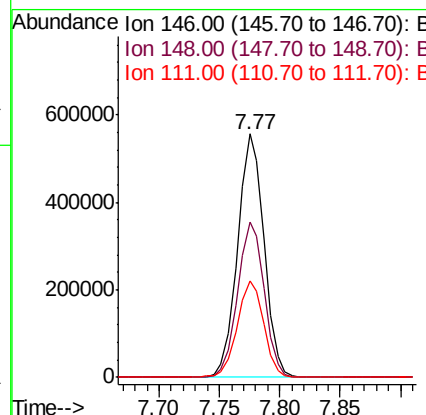
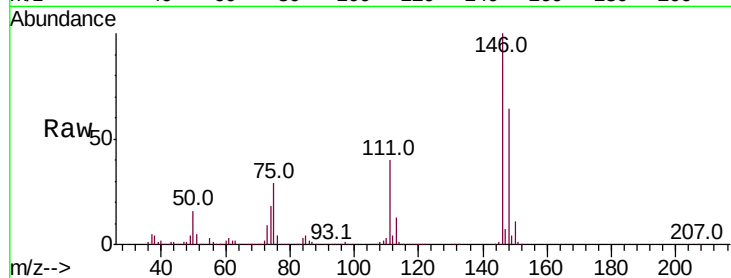
#13
1,4-Dichlorobenzene
Concen: 37.944 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	39.9	32.2	48.2

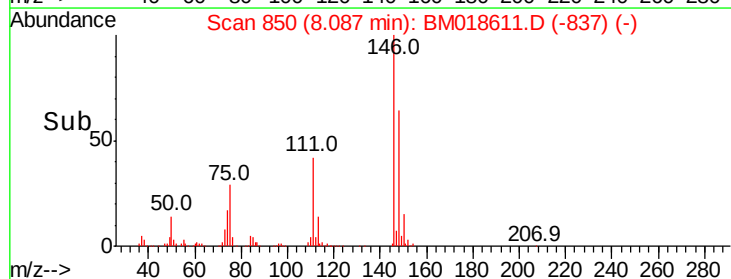
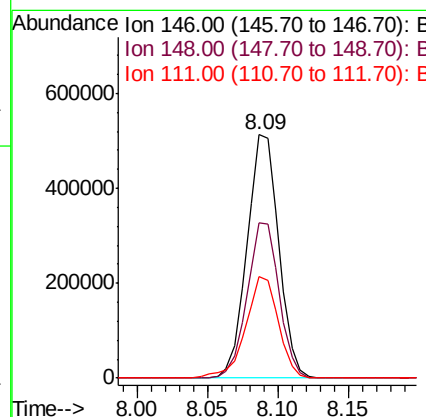
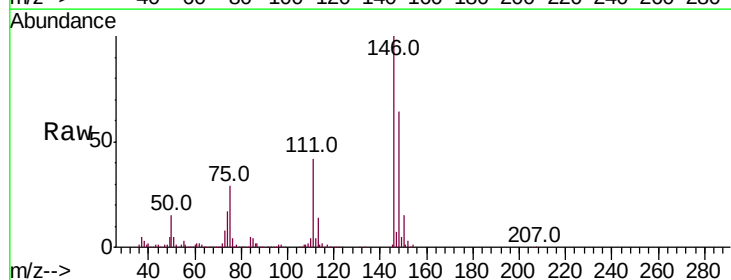
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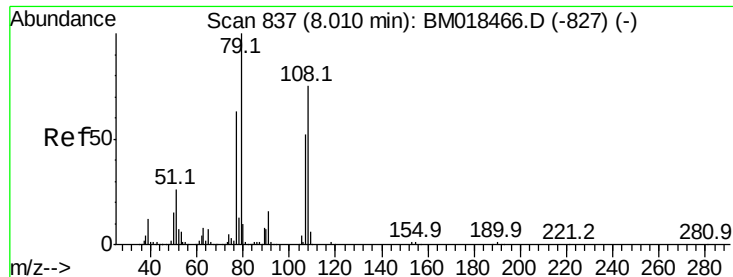
Sohil
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#14
1,2-Dichlorobenzene
Concen: 38.227 ng
RT: 8.09 min Scan# 850
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
111	41.6	33.8	50.6





#15

Benzyl Alcohol

Concen: 38.930 ng

RT: 7.99 min Scan# 833

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

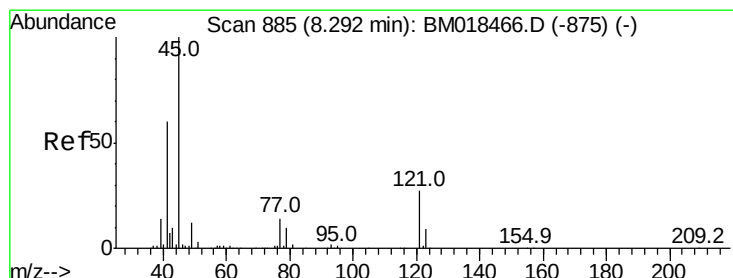
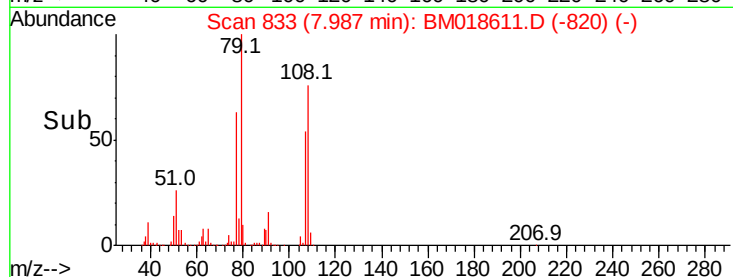
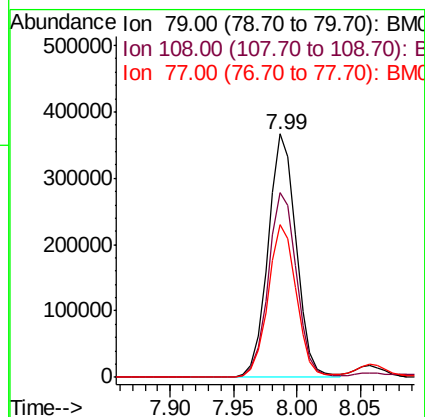
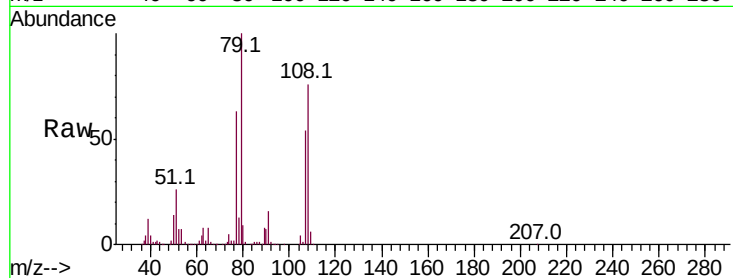
ClientSampled :

PB116441BS

Tot Ion:	79	Resp:	564872
Ion Ratio	Lower	Upper	
79	100		
108	76.0	60.4	90.6
77	62.9	53.4	80.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.312 ng

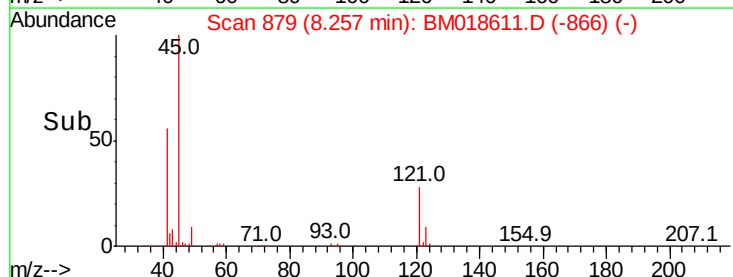
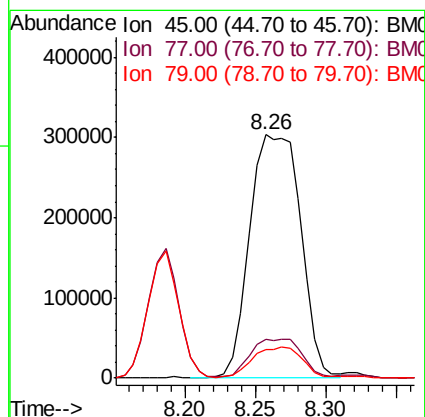
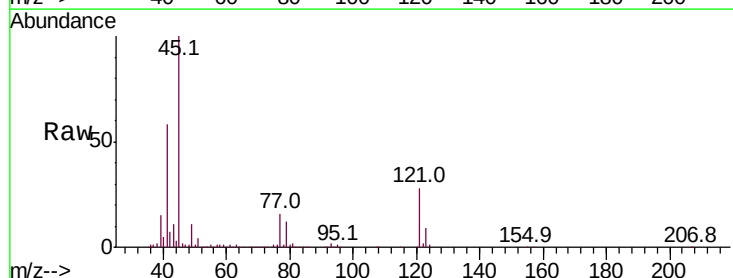
RT: 8.26 min Scan# 879

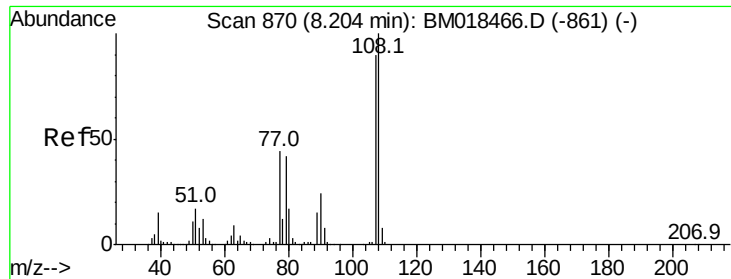
Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Tgt Ion:	45	Resp:	764879
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	33.4
79	11.5	0.0	31.1





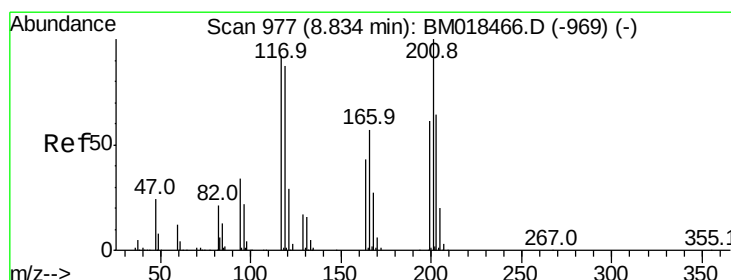
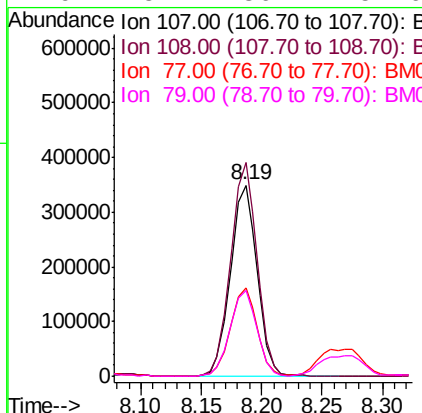
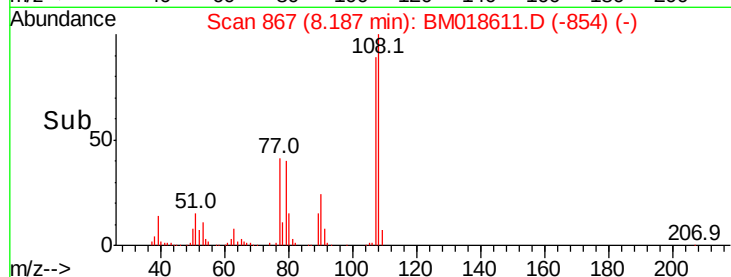
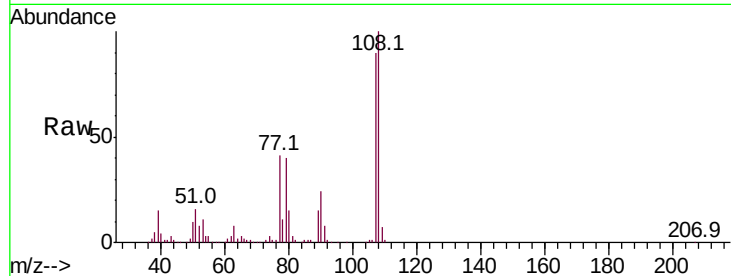
#17
2-Methylphenol
Concen: 38.776 ng
RT: 8.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	537337		
108	108.00	111.7		87.5	131.3
77	77.00	46.2		37.3	55.9
79	79.00	45.1		36.4	54.6

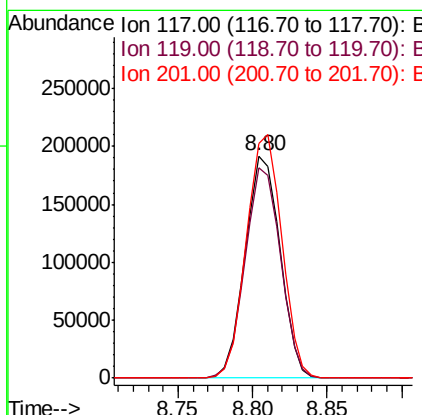
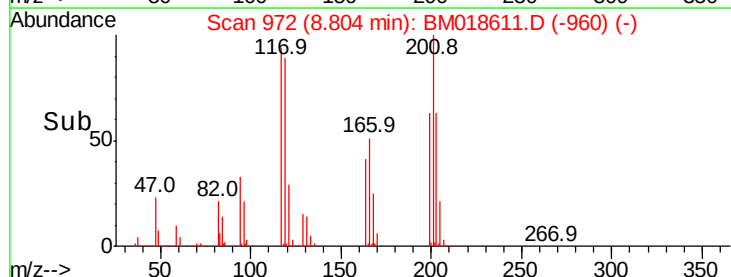
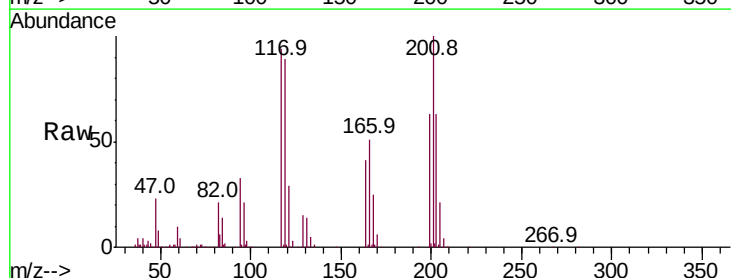
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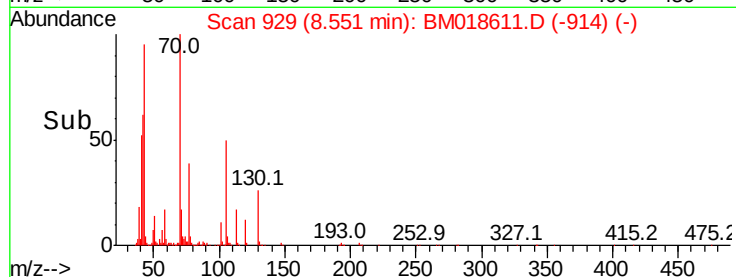
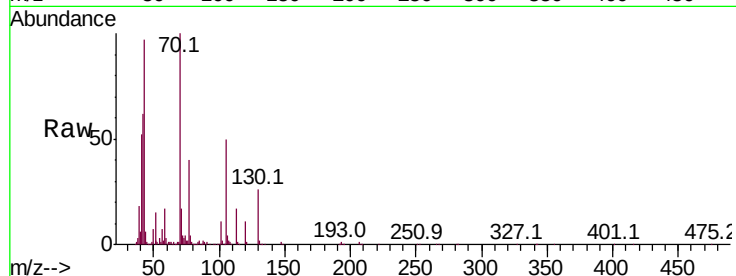
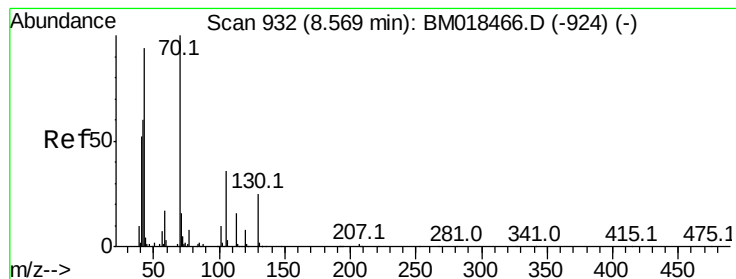
Sohil
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#18
Hexachloroethane
Concen: 39.166 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.03 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	311388		
119	119.00	94.5		78.3	117.5
201	201.00	105.9		81.4	122.0





#19

n-Nitroso-di-n-propylamine

Concen: 35.971 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

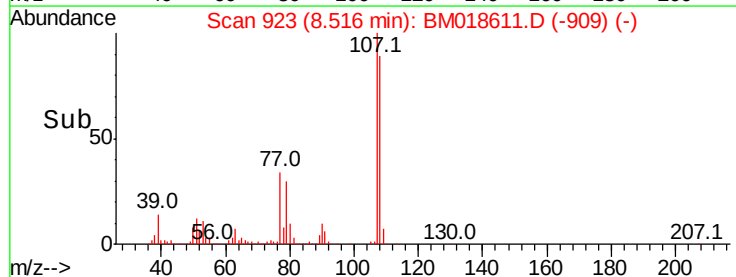
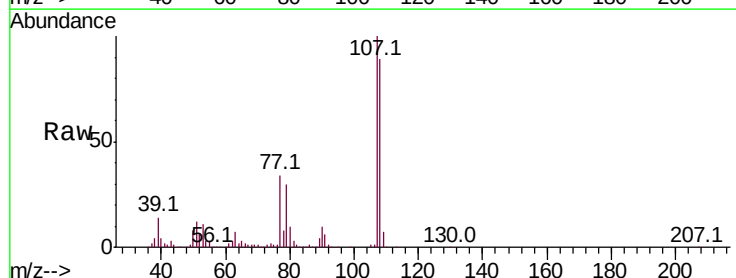
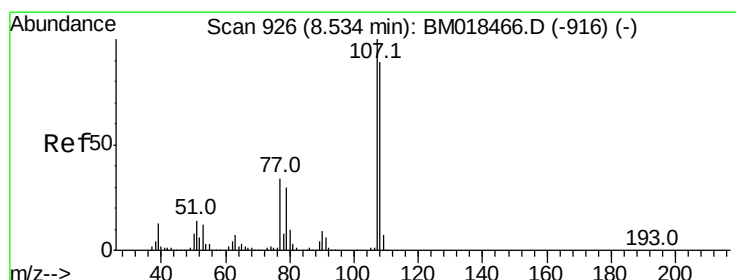
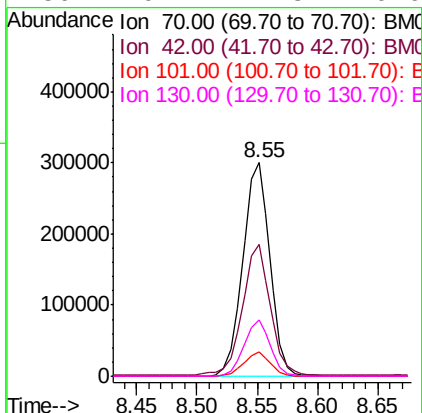
ClientSampleId :

PB116441BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.0	54.0	81.0
101	11.3	8.1	12.1
130	26.1	17.8	26.6

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#20

3+4-Methylphenols

Concen: 36.951 ng

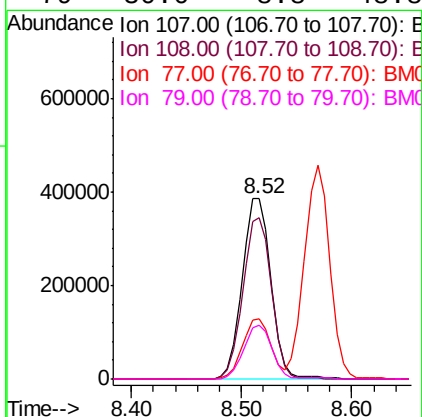
RT: 8.52 min Scan# 923

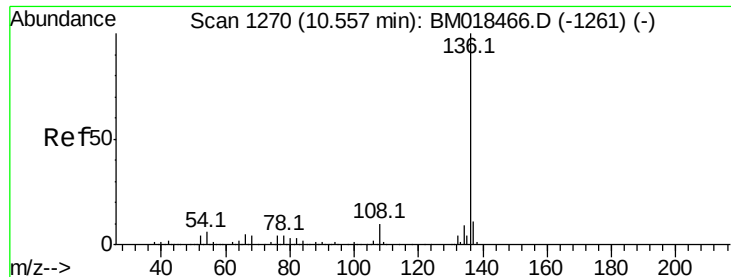
Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	66.8	106.8
77	33.6	13.3	53.3
79	30.0	8.8	48.8





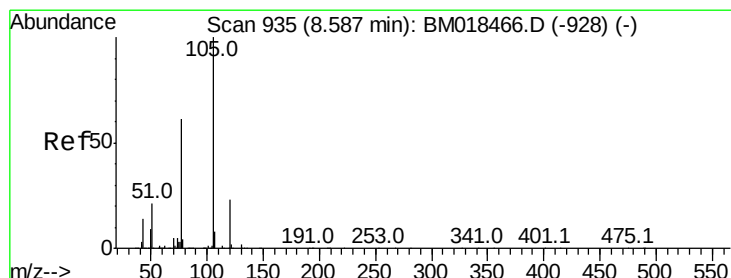
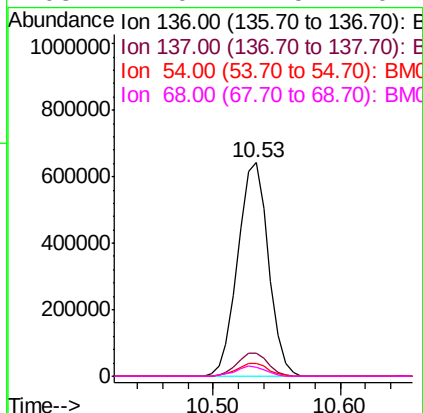
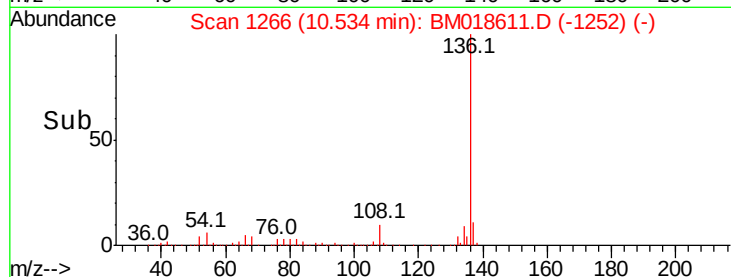
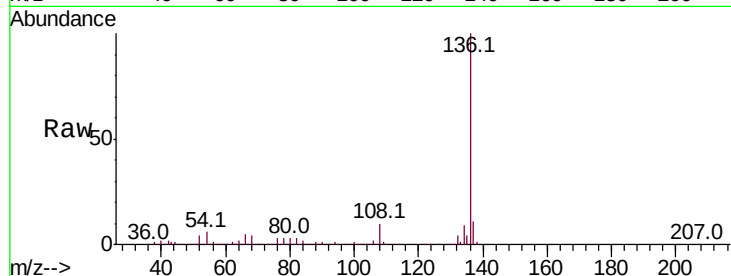
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.0	6.0	9.0
68	4.0	4.5	6.7#

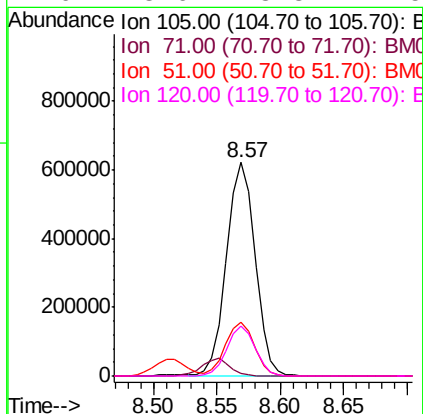
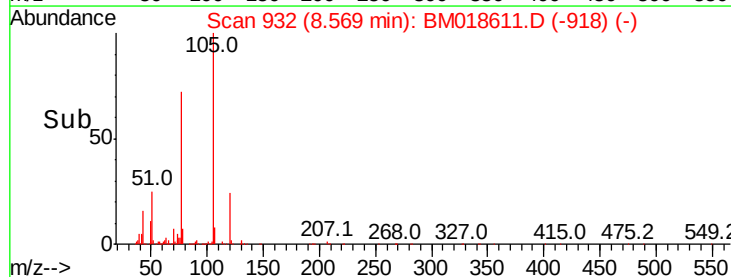
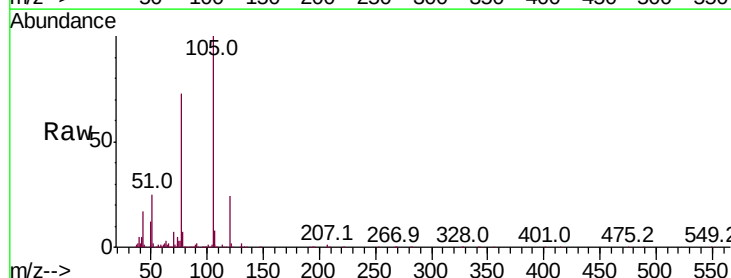
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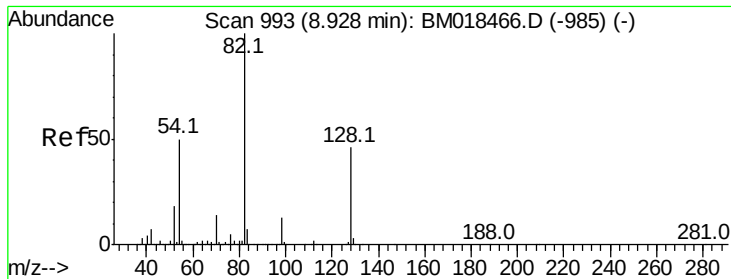
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#22
Acetophenone
Concen: 36.542 ng
RT: 8.57 min Scan# 932
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.7	2.5#
51	25.3	22.6	34.0
120	23.6	18.3	27.5





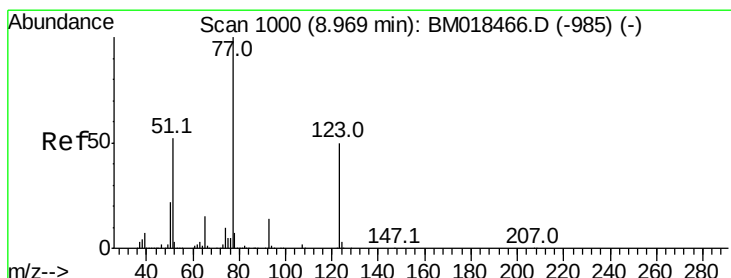
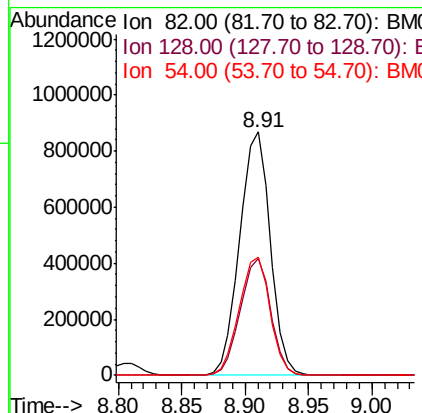
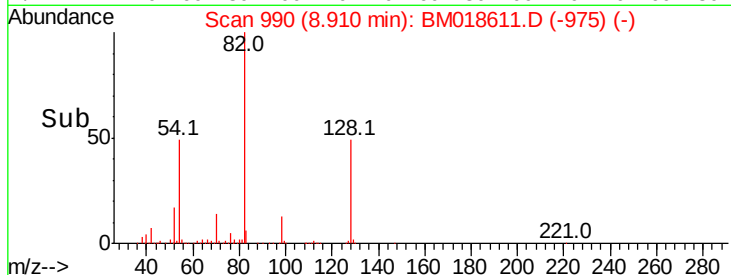
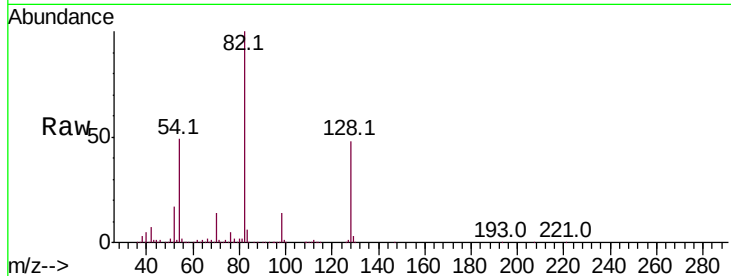
#23
Nitrobenzene-d5
Concen: 78.472 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tot Ion: 82 Resp: 1456065
Ion Ratio Lower Upper
82 100
128 47.9 36.3 54.5
54 48.5 41.7 62.5

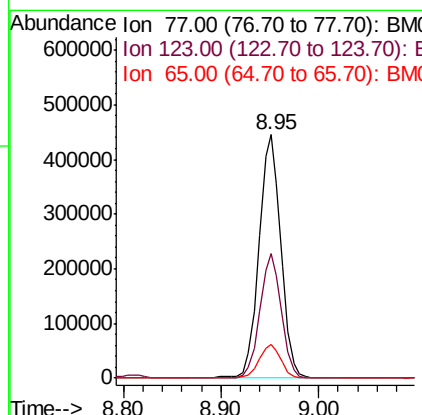
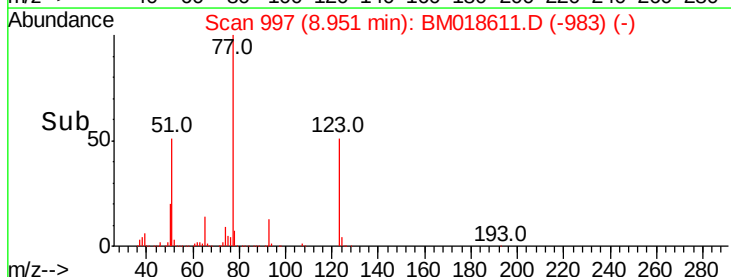
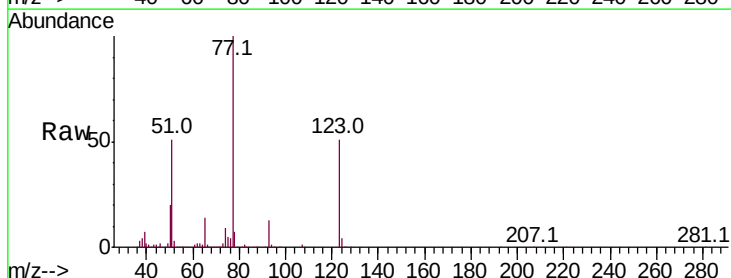
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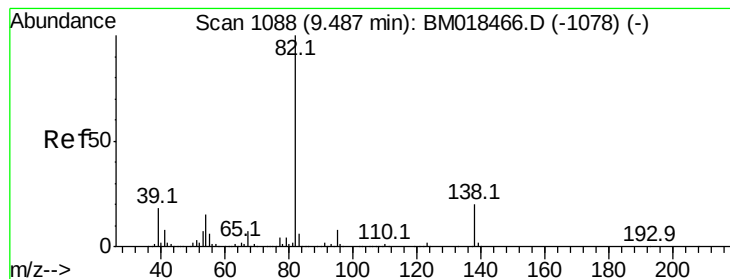
Sohil
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#24
Nitrobenzene
Concen: 38.353 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion: 77 Resp: 700216
Ion Ratio Lower Upper
77 100
123 51.1 37.7 56.5
65 14.0 11.0 16.6





#25

Isophorone

Concen: 44.306 ng

RT: 9.47 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleID :

PB116441BS

Tot Ion: 82 Resp: 1244914

Ion Ratio Lower Upper

82 100

95 8.1 6.1 9.1

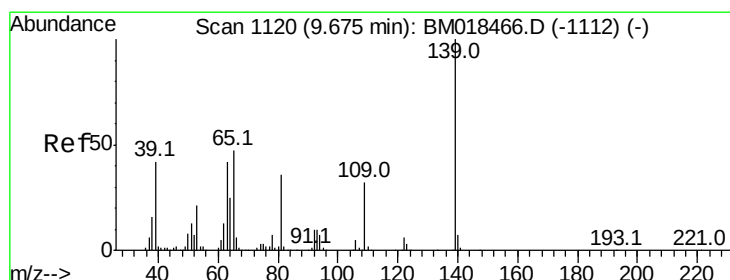
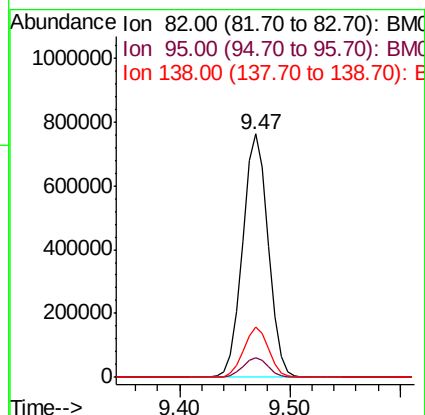
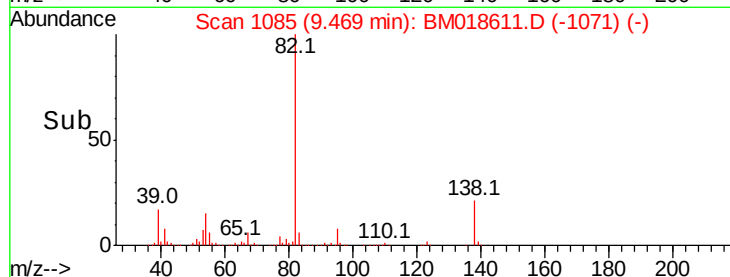
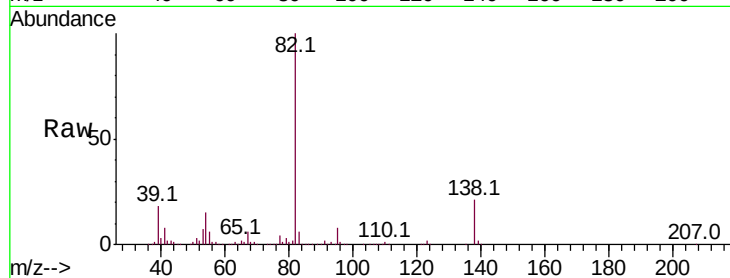
138 20.8 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 44.405 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

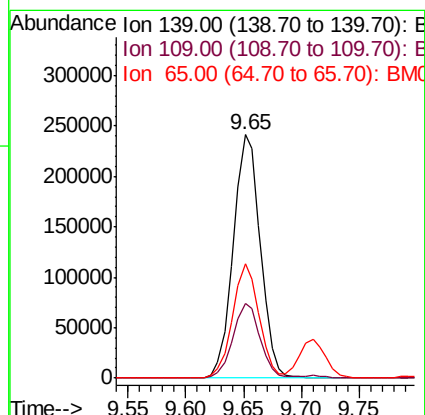
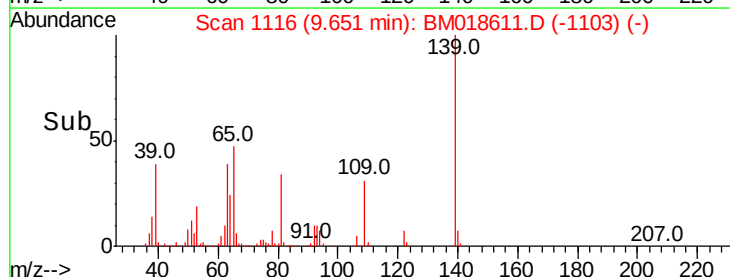
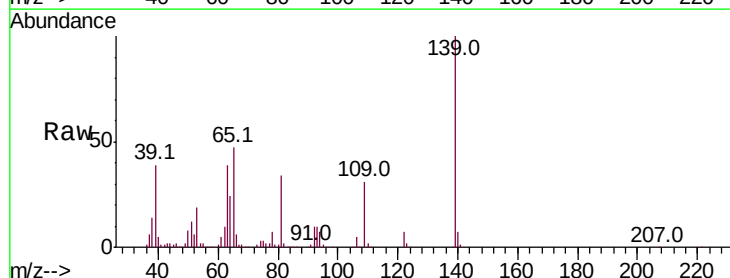
Tgt Ion: 139 Resp: 392004

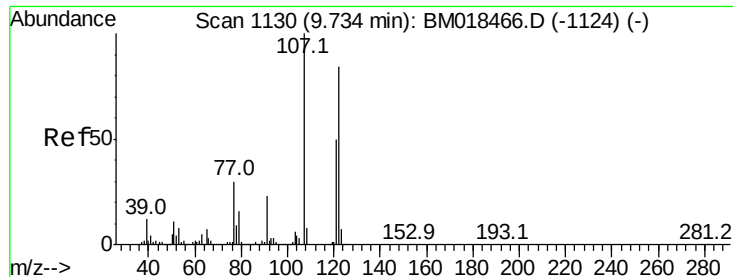
Ion Ratio Lower Upper

139 100

109 30.7 23.4 35.2

65 47.1 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 44.818 ng

RT: 9.71 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

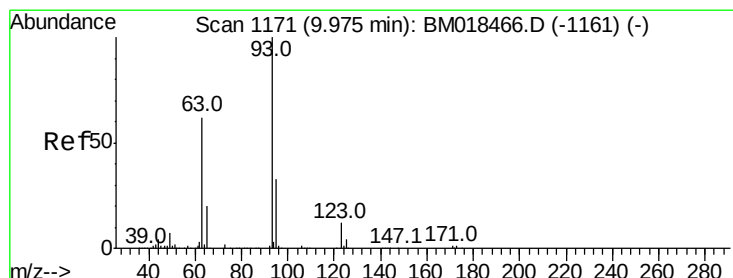
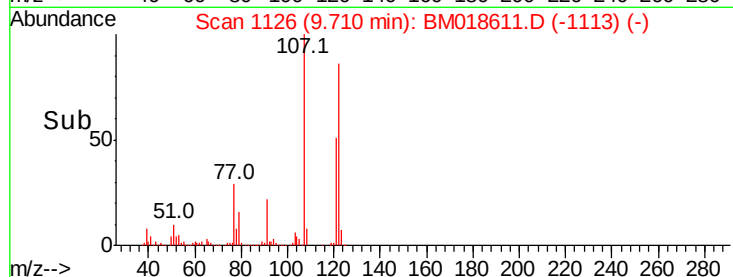
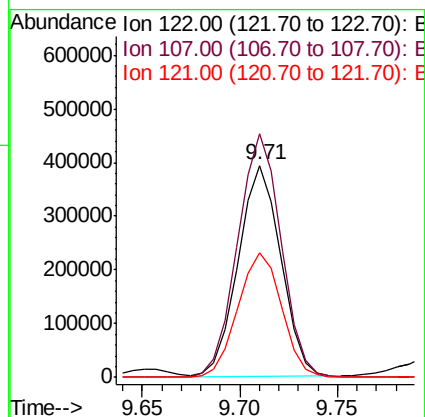
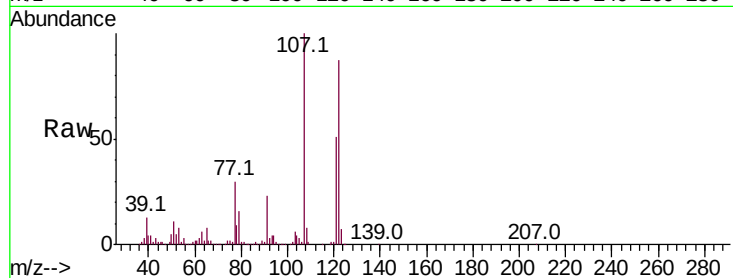
ClientSampleId :

PB116441BS

Tot Ion:	122	Resp:	593041
Ion Ratio	Lower	Upper	
122	100		
107	115.0	91.9	137.9
121	59.1	47.5	71.3

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 40.839 ng

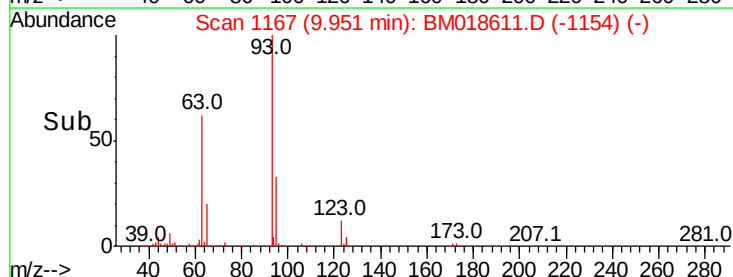
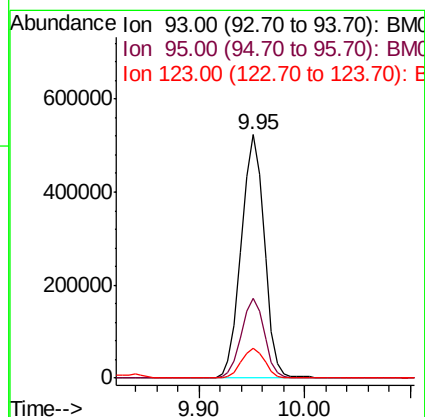
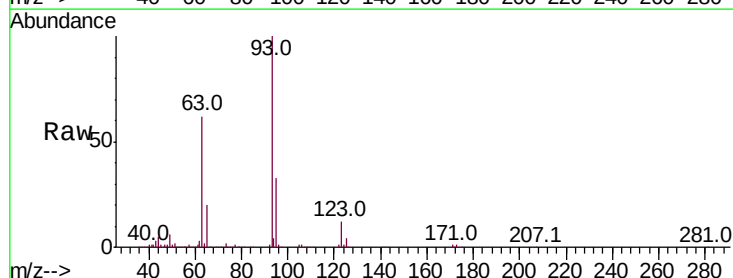
RT: 9.95 min Scan# 1167

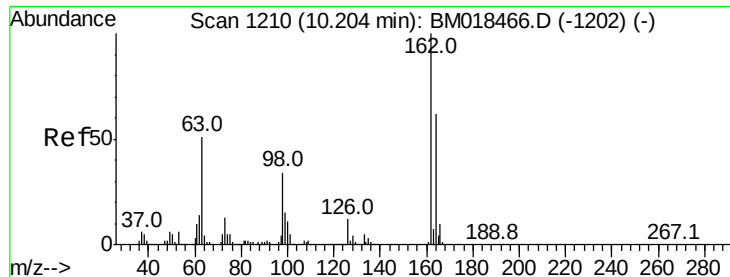
Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Tgt Ion:	93	Resp:	792710
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.6	39.8
123	12.3	9.9	14.9





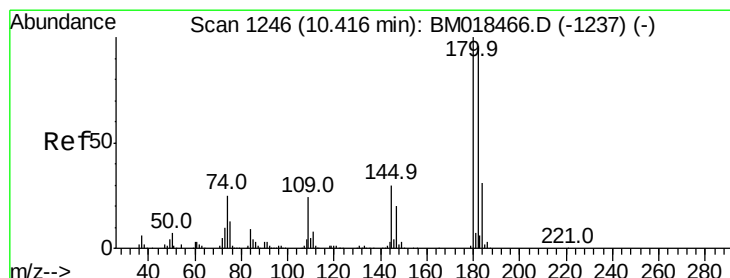
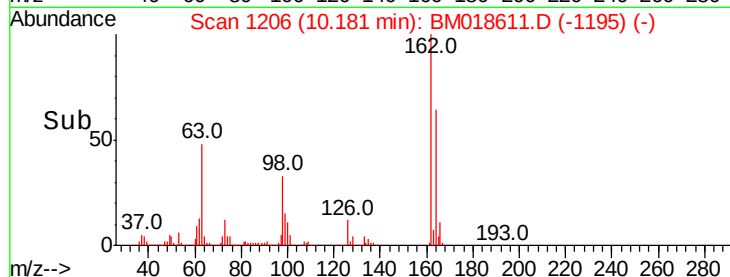
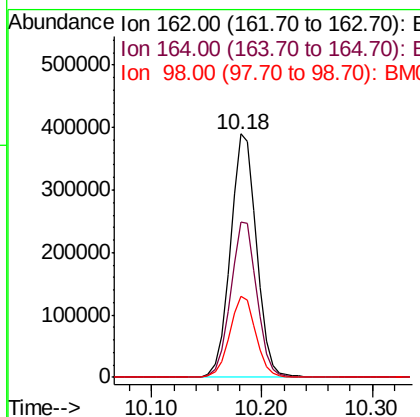
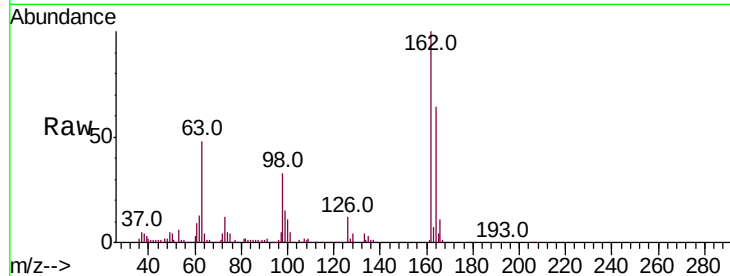
#29
 2,4-Dichlorophenol
 Concen: 40.997 ng
 RT: 10.18 min Scan# 1206
 Delta R.T. -0.04 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Instrument :
 BNA_M
 ClientSampleID :
 PB116441BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	645959		
164	63.6		45.6	85.6
98	33.3		14.7	54.7

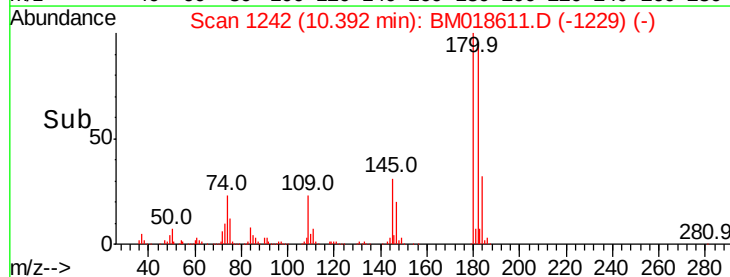
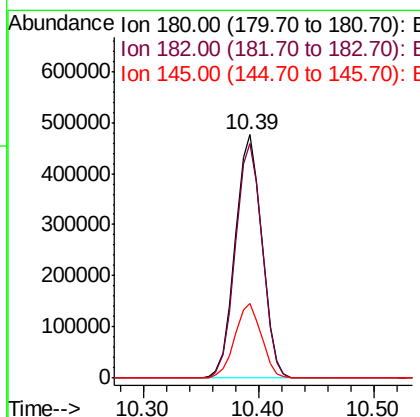
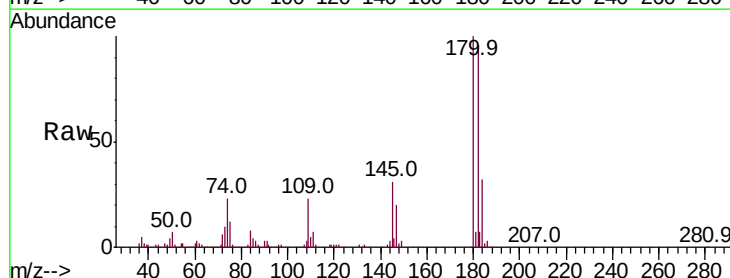
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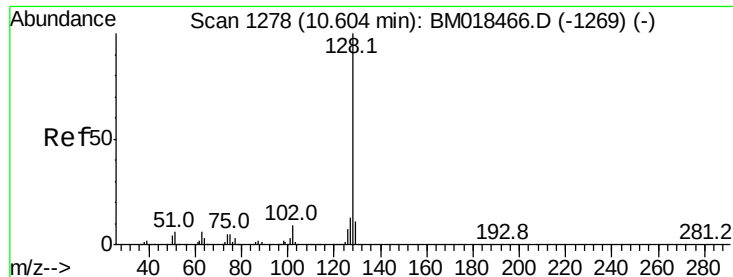
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.951 ng
 RT: 10.39 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	761771		
182	96.5		77.4	116.2
145	30.7		24.6	37.0





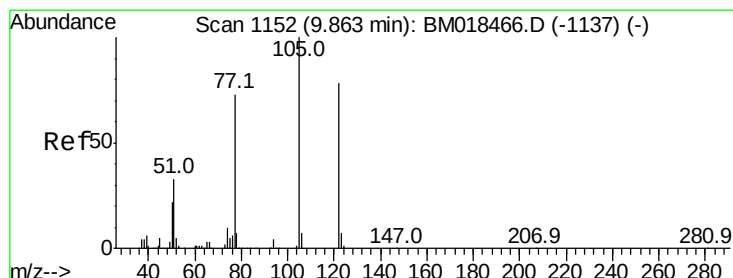
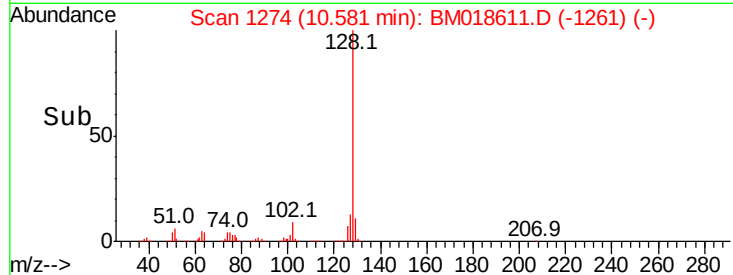
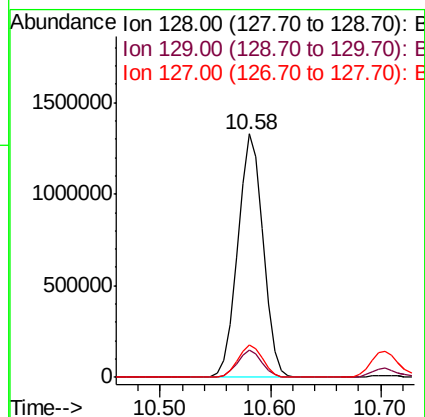
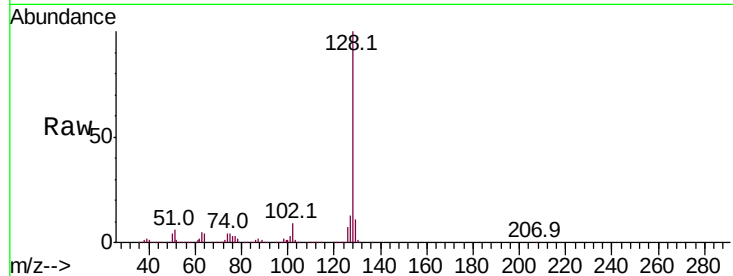
#31
Naphthalene
Concen: 41.377 ng
RT: 10.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.1	10.8	16.2

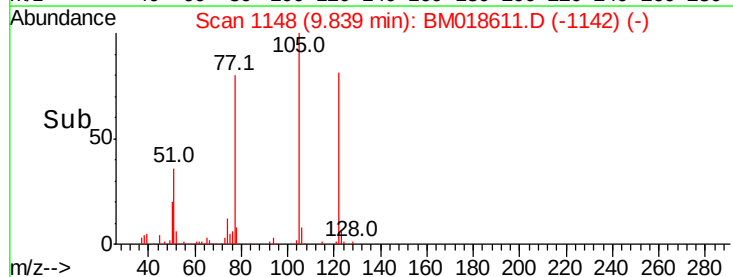
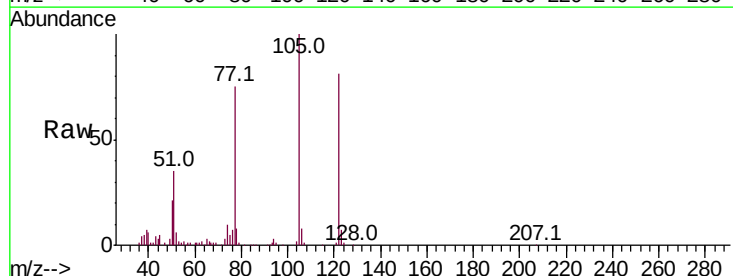
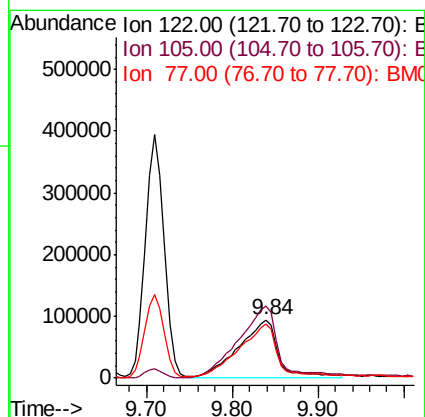
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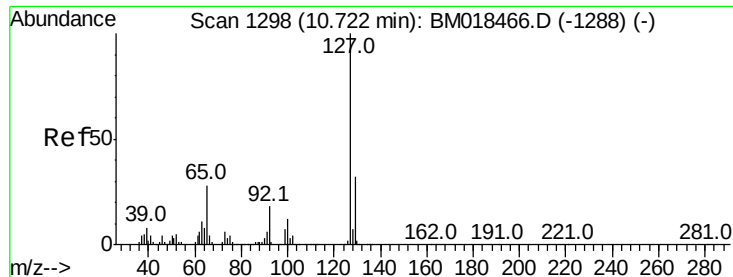
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#32
Benzoic acid
Concen: 35.484 ng m
RT: 9.84 min Scan# 1148
Delta R.T. -0.06 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.8	100.4	140.4
77	93.1	71.7	111.7





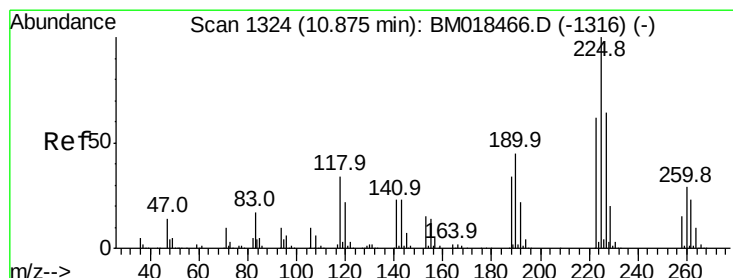
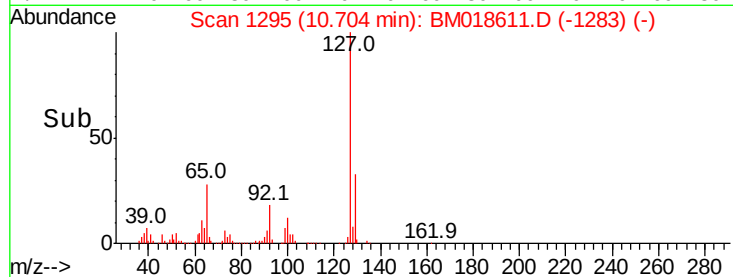
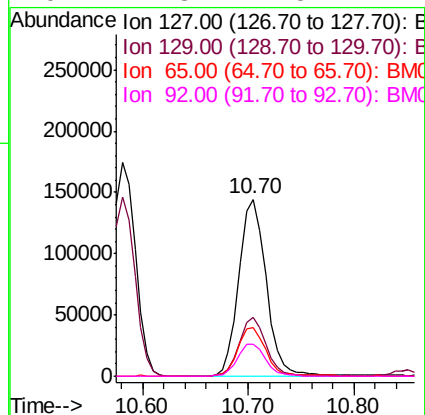
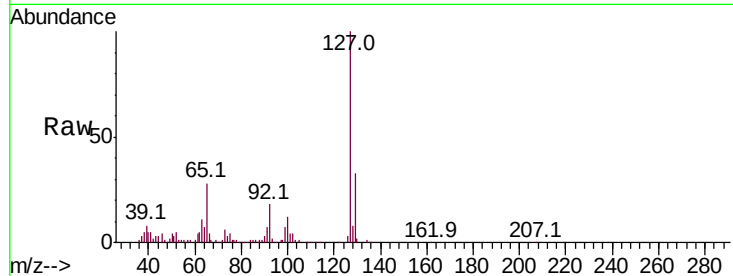
#33
4-Chloroaniline
Concen: 12.769 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampled :
PB116441BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.1	25.9	38.9
65	27.8	23.4	35.2
92	17.8	14.5	21.7

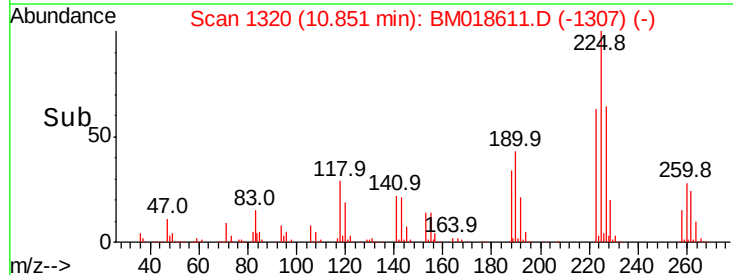
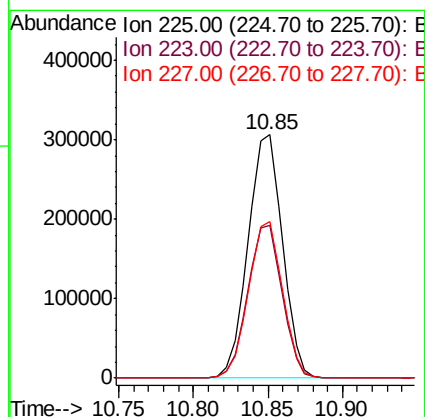
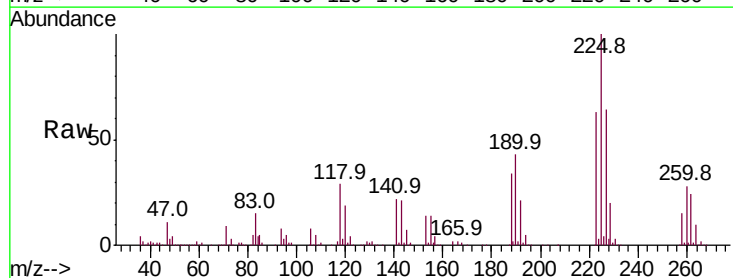
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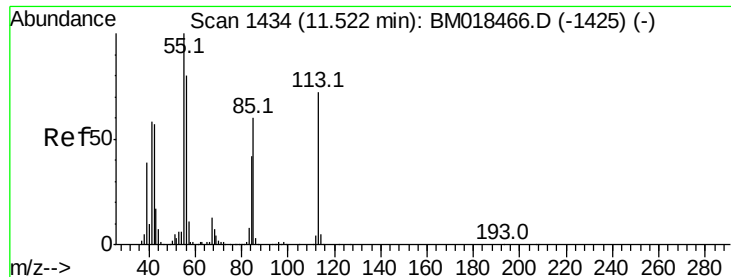
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#34
Hexachlorobutadiene
Concen: 39.504 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.8	50.8	76.2
227	64.1	50.4	75.6





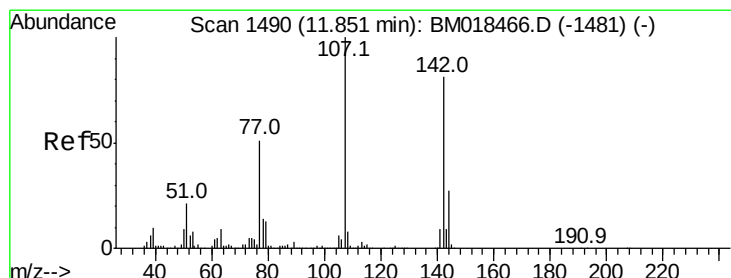
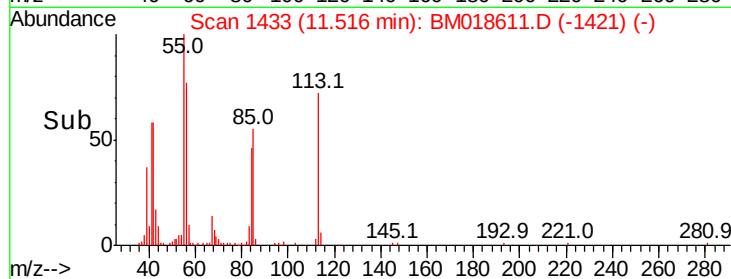
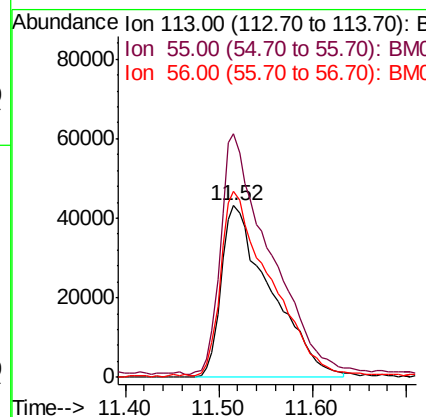
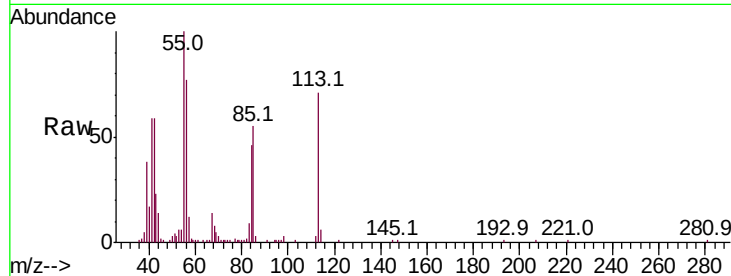
#35
 Caprolactam
 Concen: 29.675 ng/ml
 RT: 11.52 min Scan# 1433
 Delta R.T. -0.03 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Instrument :
 BNA_M
 ClientSampleId :
 PB116441BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	141.8	139.3	179.3		
56	108.6	101.4	141.4		

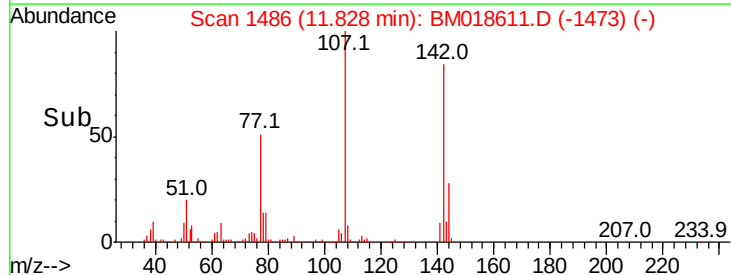
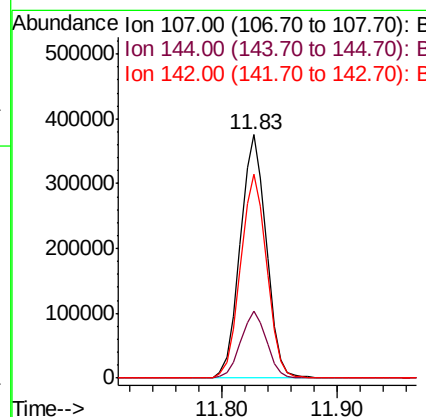
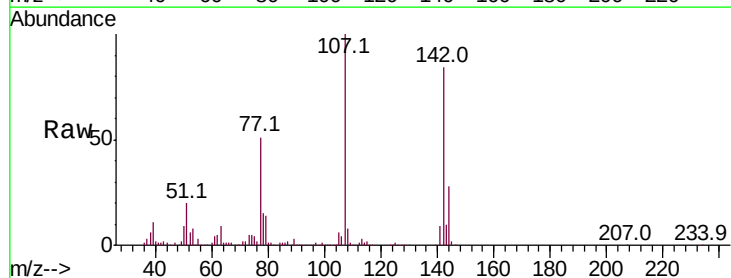
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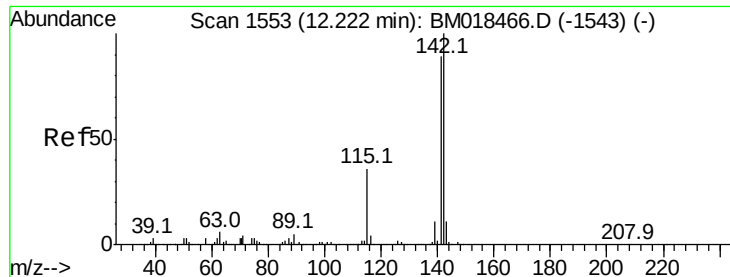
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#36
 4-Chloro-3-methylphenol
 Concen: 35.612 ng/ml
 RT: 11.83 min Scan# 1486
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.6	21.9	32.9		
142	83.7	67.9	101.9		





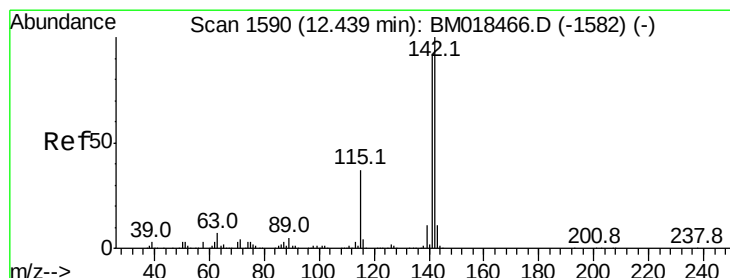
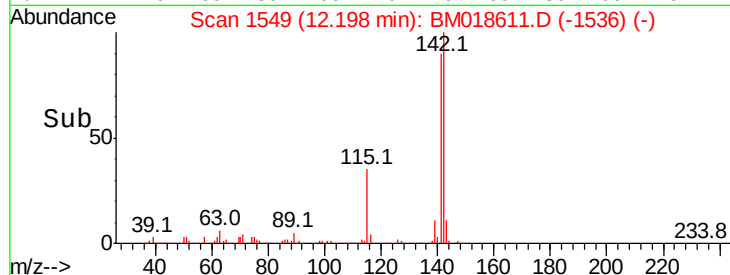
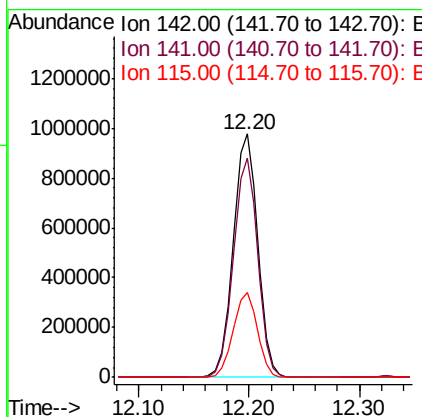
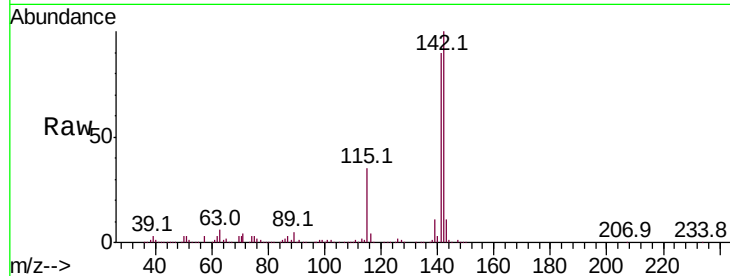
#37
2-Methylnaphthalene
Concen: 41.619 ng
RT: 12.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tot Ion:142 Resp: 1523329
Ion Ratio Lower Upper
142 100
141 90.1 71.4 107.2
115 34.8 28.0 42.0

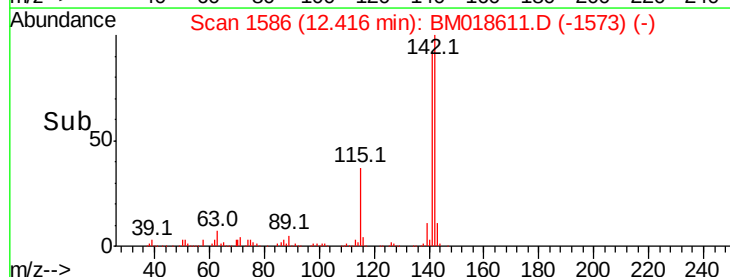
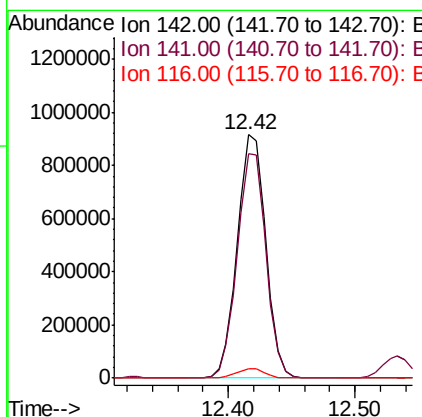
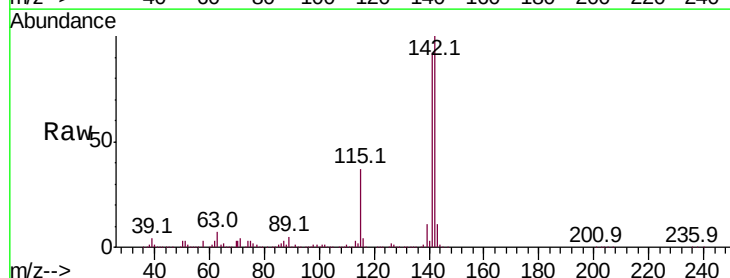
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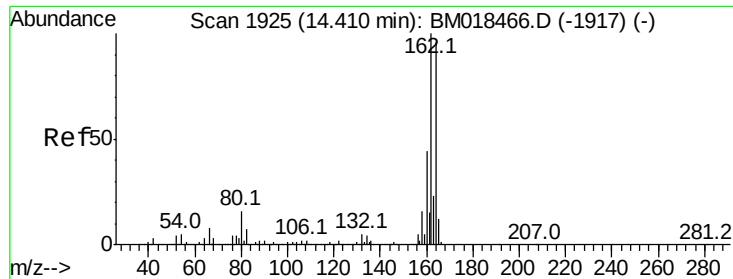
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#38
1-Methylnaphthalene
Concen: 40.211 ng
RT: 12.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion:142 Resp: 1424079
Ion Ratio Lower Upper
142 100
141 92.3 75.6 113.4
116 3.9 3.0 4.6





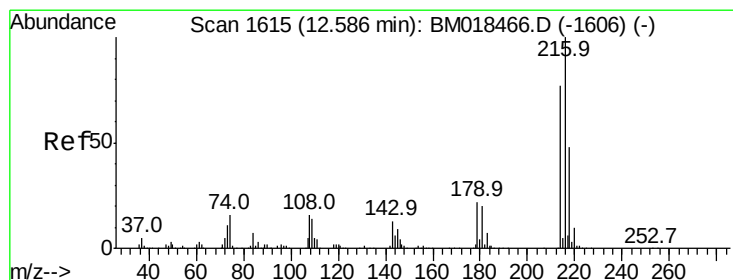
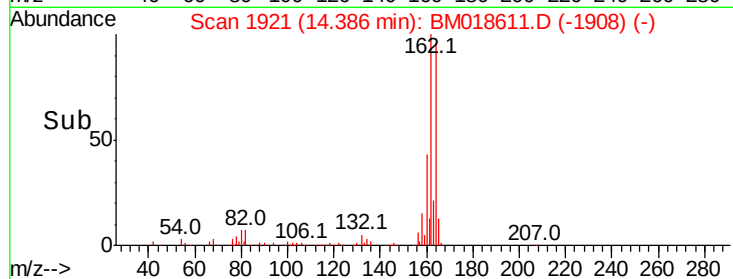
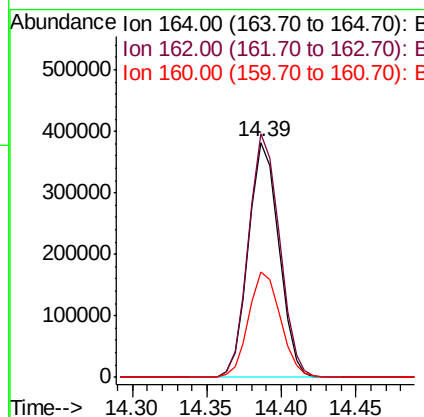
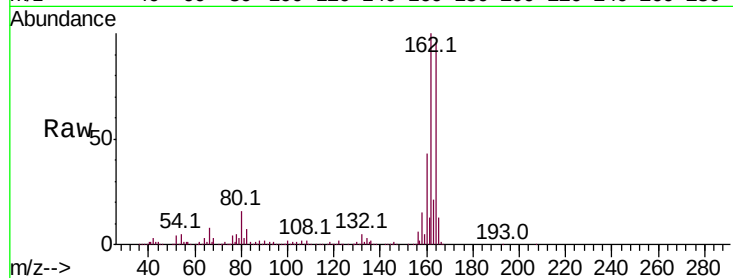
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampled :
PB116441BS

Tot Ion:	164	Resp:	539689
Ion Ratio	Lower	Upper	
164	100		
162	103.7	83.0	124.4
160	45.1	37.1	55.7

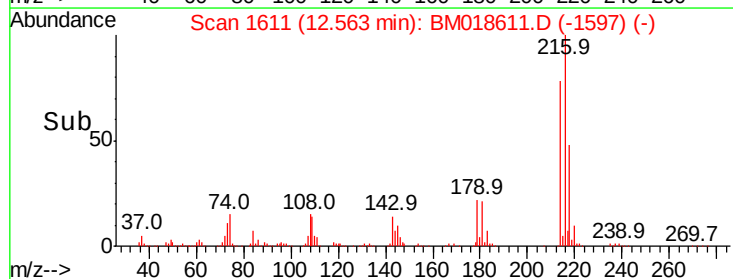
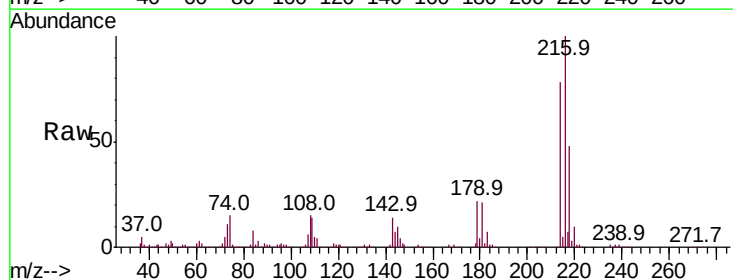
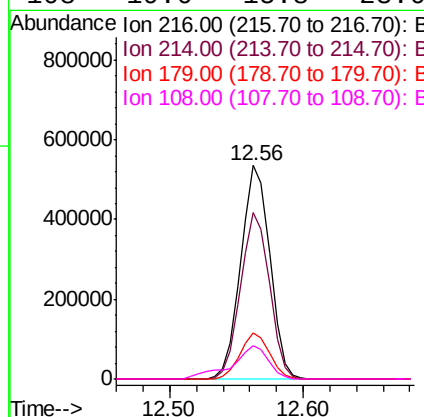
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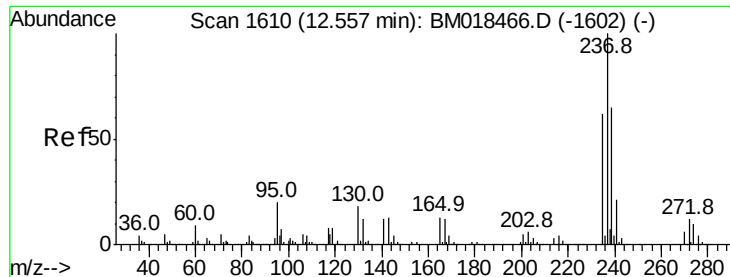
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.731 ng
RT: 12.56 min Scan# 1611
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion:	216	Resp:	806457
Ion Ratio	Lower	Upper	
216	100		
214	77.4	63.4	95.0
179	21.5	17.9	26.9
108	19.6	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 103.928 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

Tot Ion:237 Resp: 1076468

Ion Ratio Lower Upper

237 100

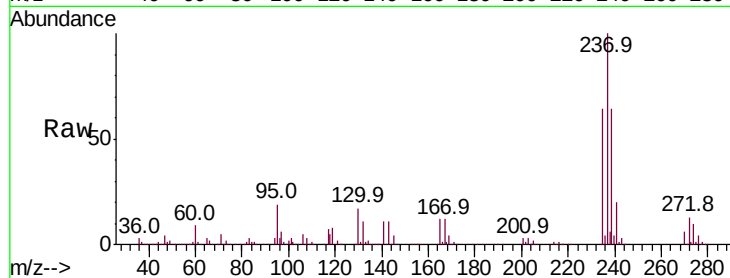
235 63.5 42.8 82.8

272 12.6 0.0 31.9

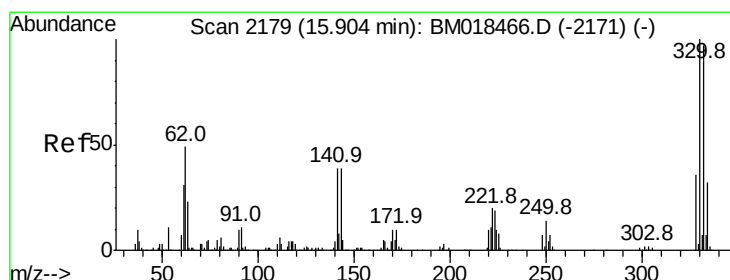
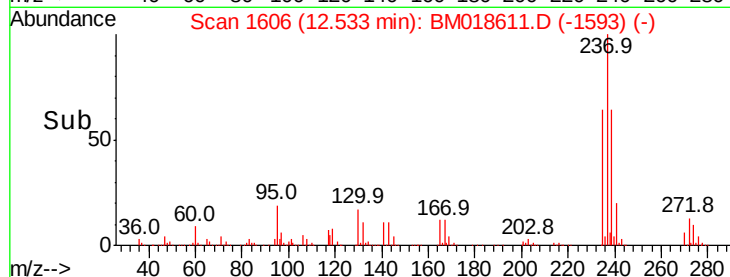
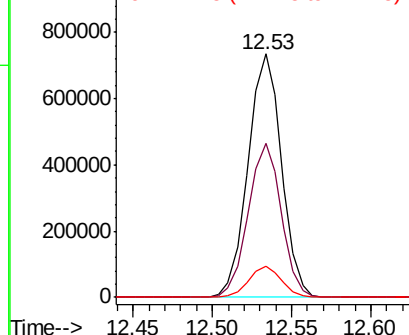
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 131.046 ng

RT: 15.89 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

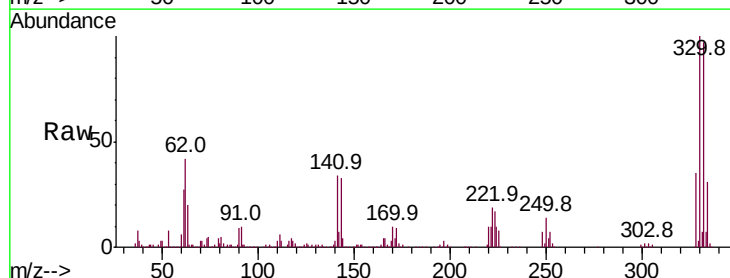
Tgt Ion:330 Resp: 900517

Ion Ratio Lower Upper

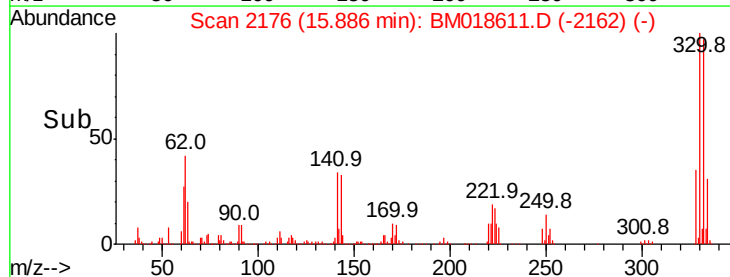
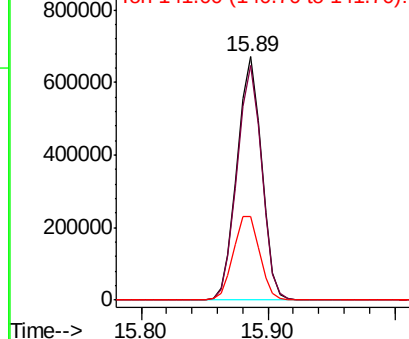
330 100

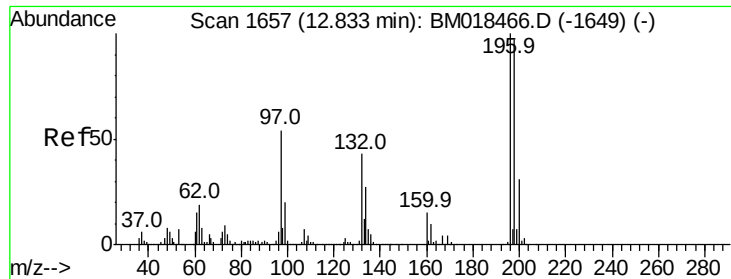
332 96.8 77.6 116.4

141 36.9 31.7 47.5



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





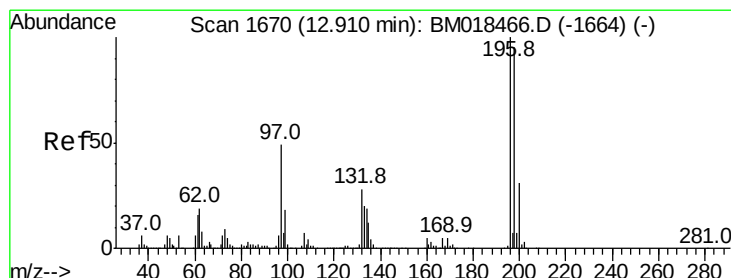
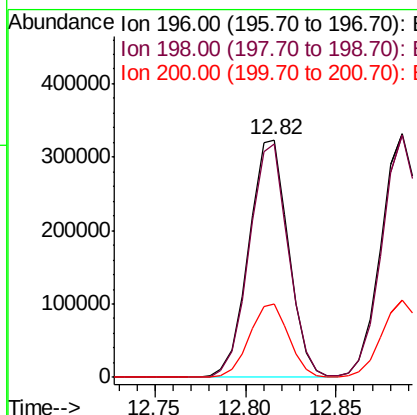
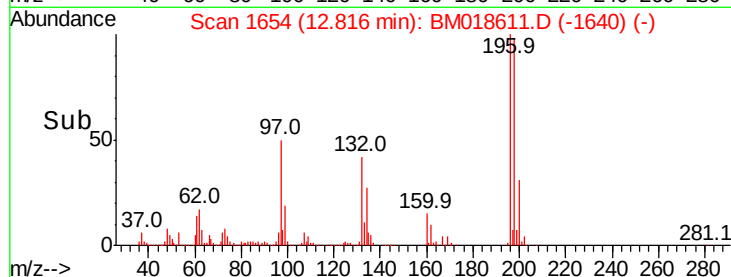
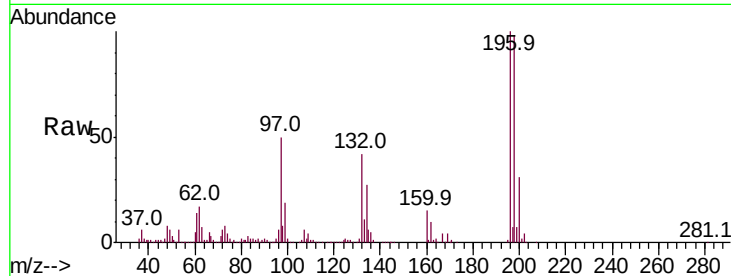
#43
 2,4,6-Trichlorophenol
 Concen: 42.918 ng
 RT: 12.82 min Scan# 1654
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Instrument :
 BNA_M
 ClientSampleId :
 PB116441BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	491869		
198	98.0	76.6	115.0	
200	31.1	24.2	36.4	

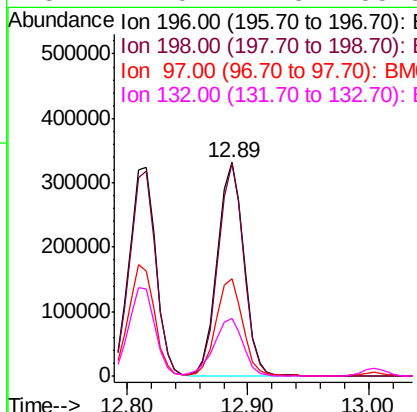
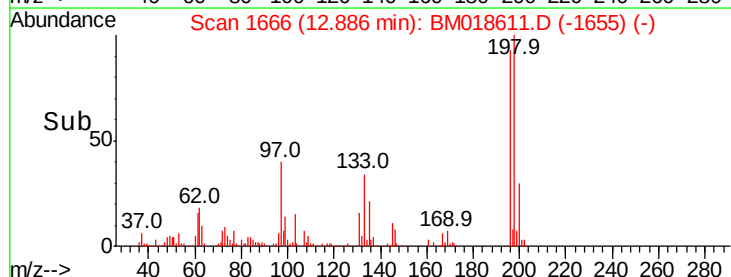
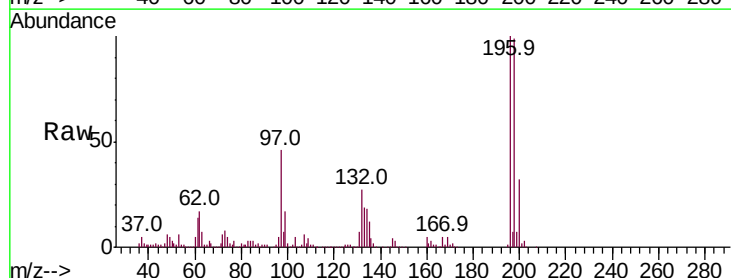
Manual Integrations
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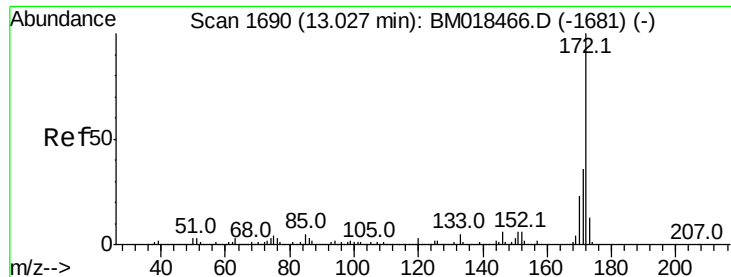
Sohil
 1/18/2019 12:06:56 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.540 ng
 RT: 12.89 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	500688		
198	99.4	76.7	115.1	
97	45.7	39.2	58.8	
132	27.0	22.3	33.5	





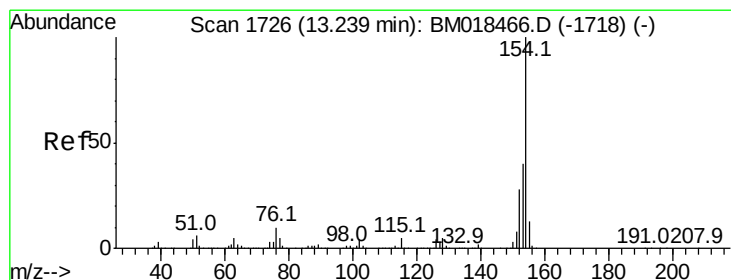
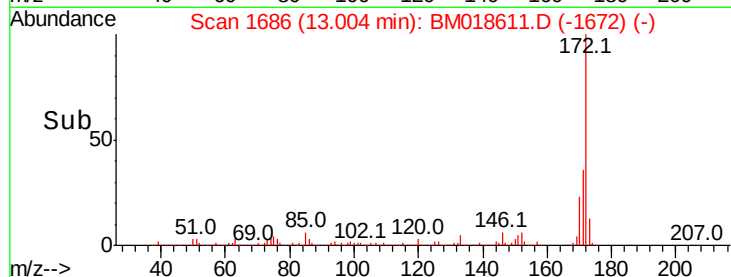
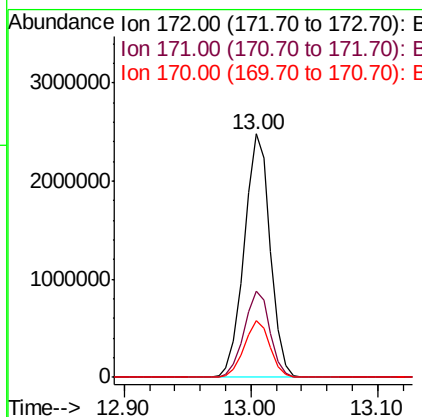
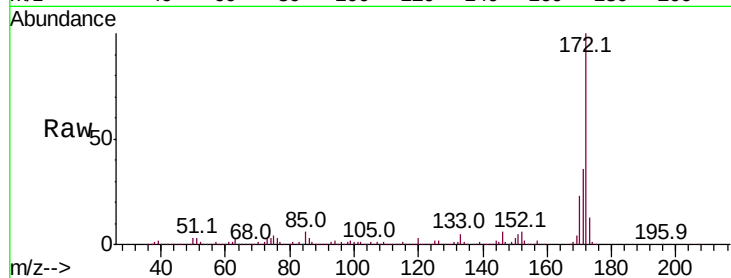
#45
2-Fluorobiphenyl
Concen: 84.961 ng
RT: 13.00 min Scan# 1686
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.2	18.9	28.3

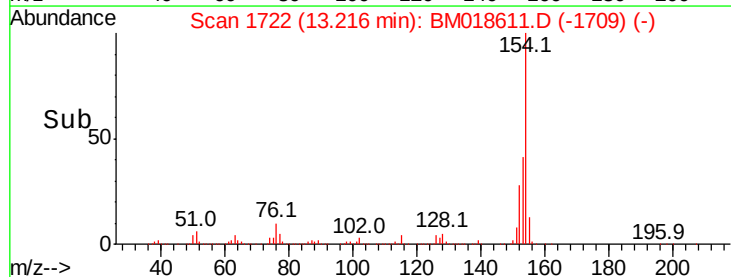
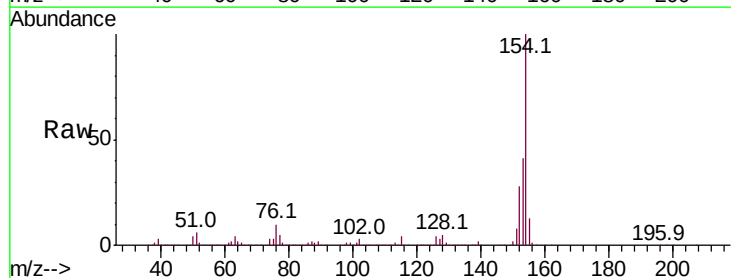
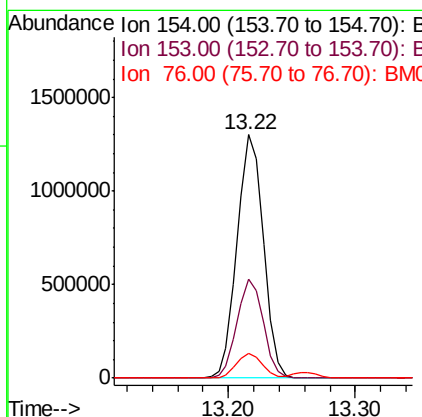
Manual Integrations
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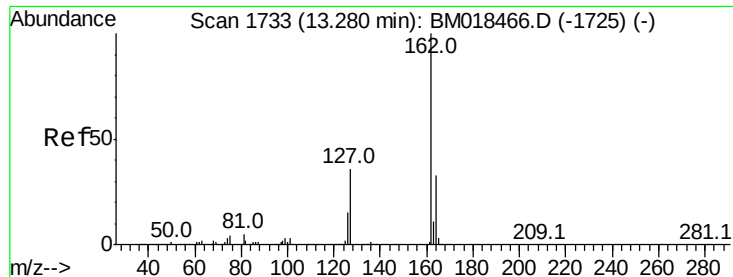
Sohil
1/18/2019 12:06:56 PM



#46
1,1'-Biphenyl
Concen: 39.601 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.5	60.5
76	10.3	0.0	31.9





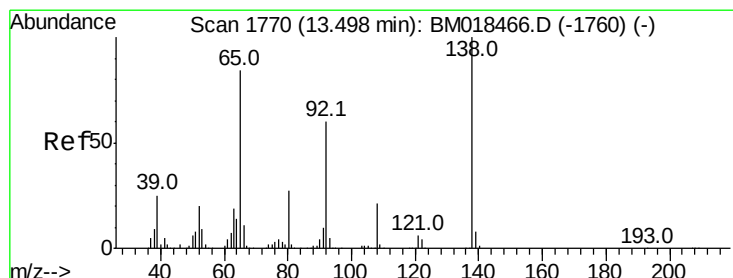
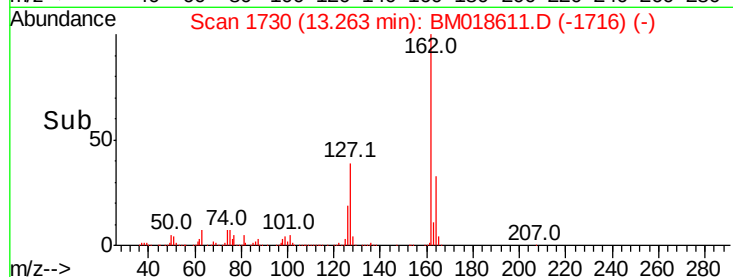
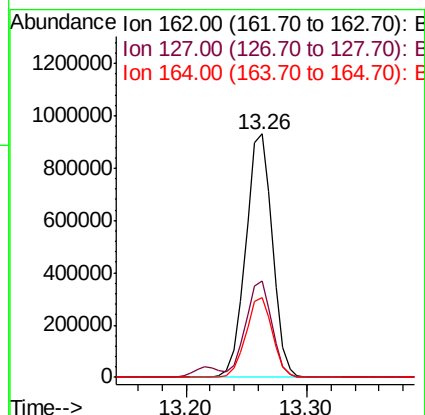
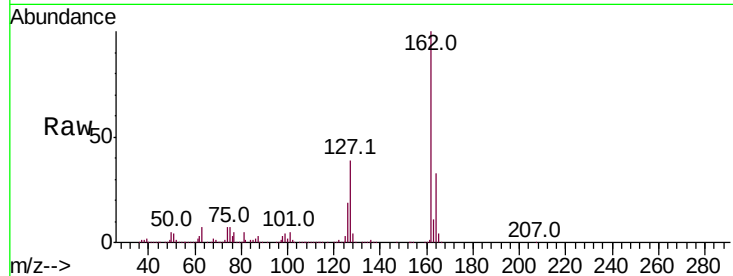
#47
2-Chloronaphthalene
Concen: 39.307 ng
RT: 13.26 min Scan# 1730
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.4	47.0
164	32.8	26.2	39.4

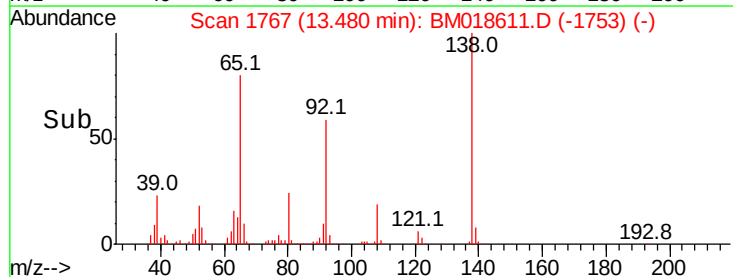
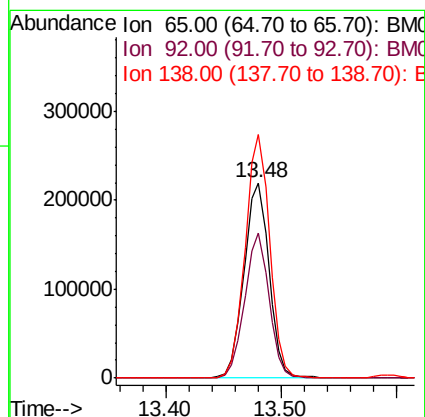
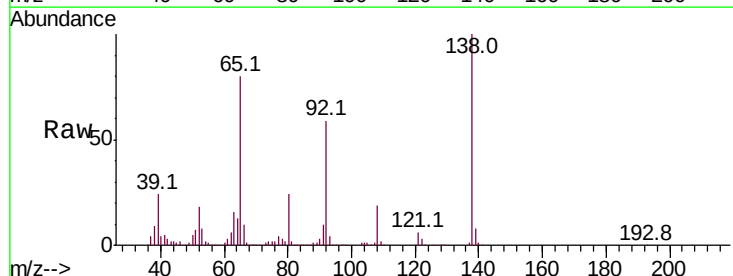
Manual Integrations
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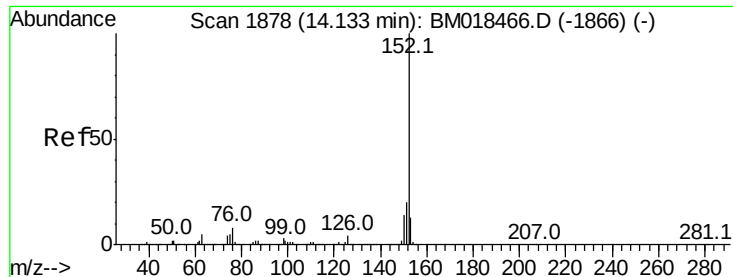
Sohil
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#48
2-Nitroaniline
Concen: 36.714 ng
RT: 13.48 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	53.4	80.2
138	124.5	88.9	133.3





#49

Acenaphthylene

Concen: 41.488 ng

RT: 14.11 min Scan# 1874

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

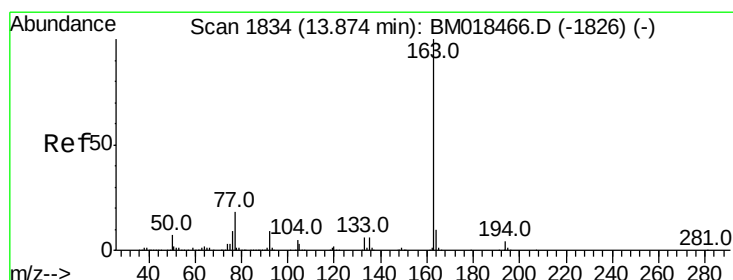
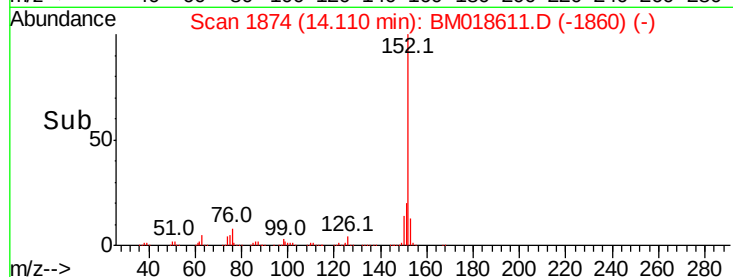
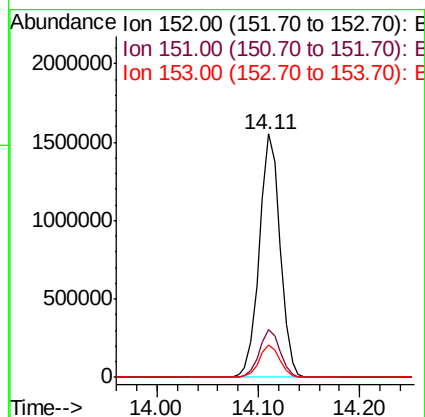
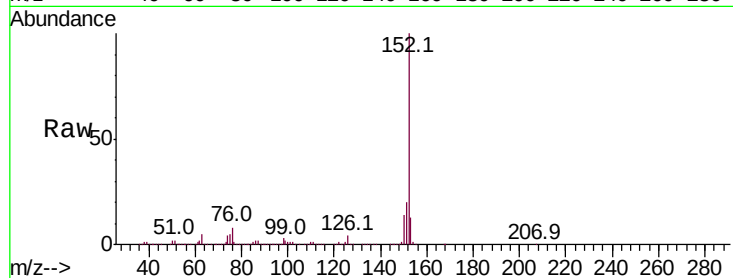
ClientSampleId :

PB116441BS

Tot Ion:	152	Resp:	2209381
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.1	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 37.910 ng

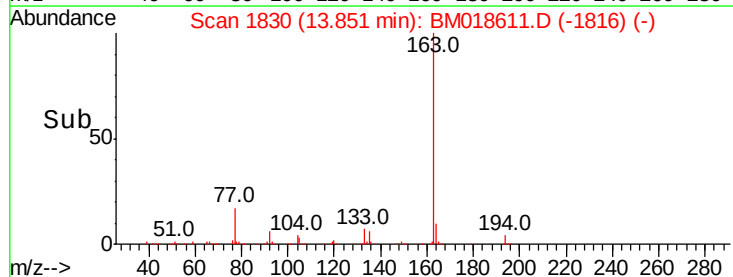
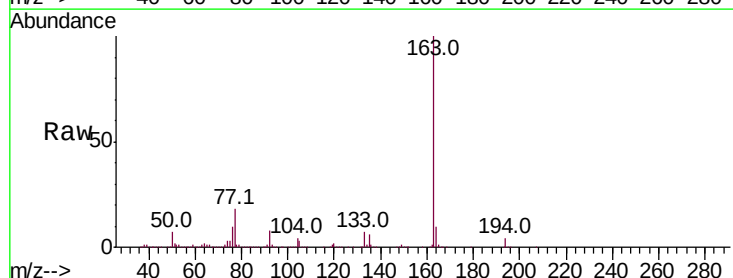
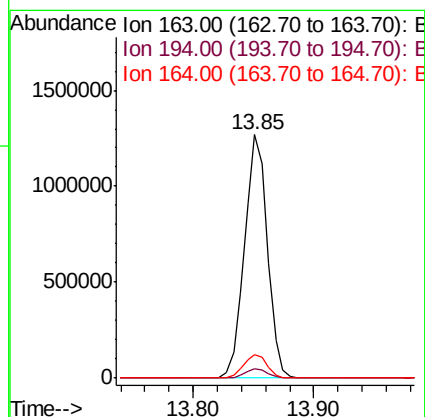
RT: 13.85 min Scan# 1830

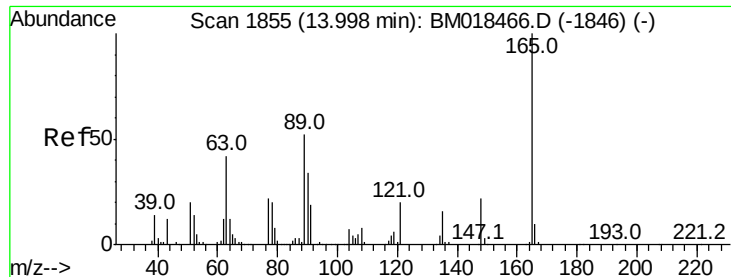
Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Tgt Ion:	163	Resp:	1680307
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.8	7.8	11.8





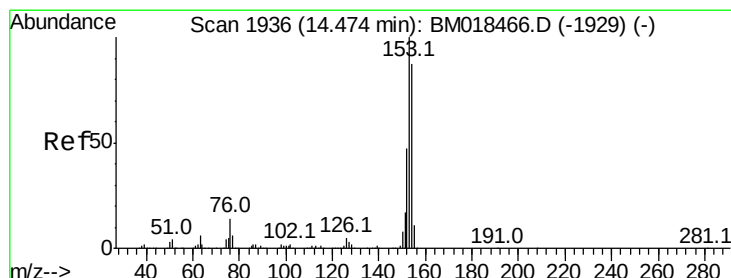
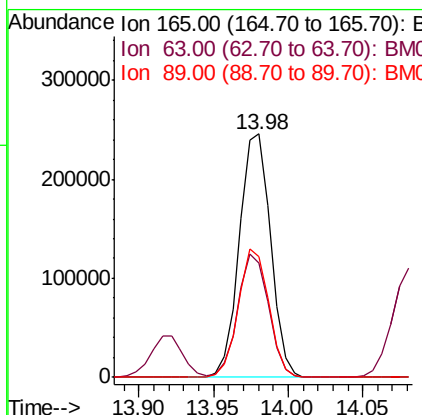
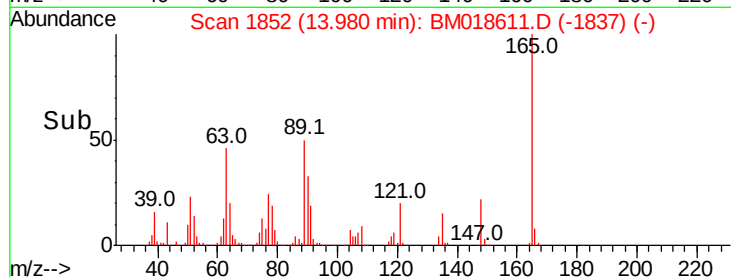
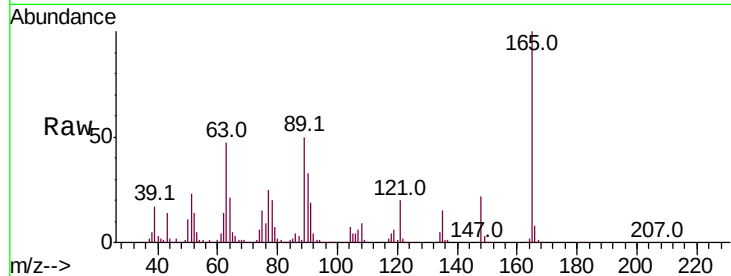
#51
2,6-Dinitrotoluene
Concen: 38.070 ng
RT: 13.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	357426		
63	47.0		45.6	68.4
89	49.8		44.6	66.8

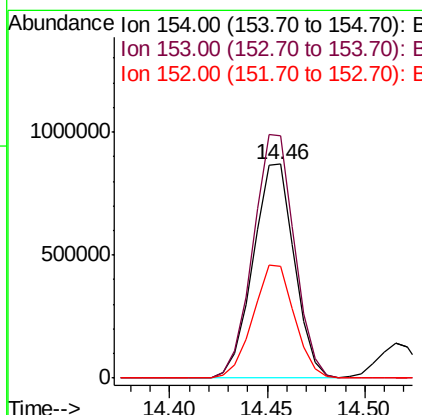
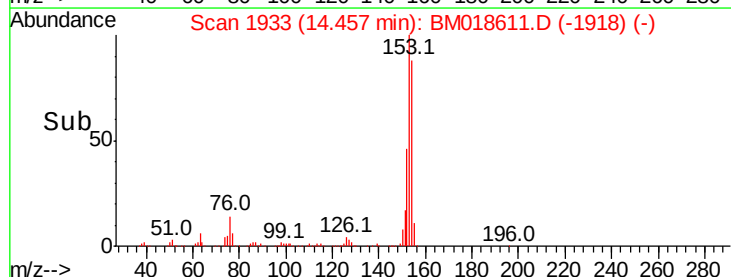
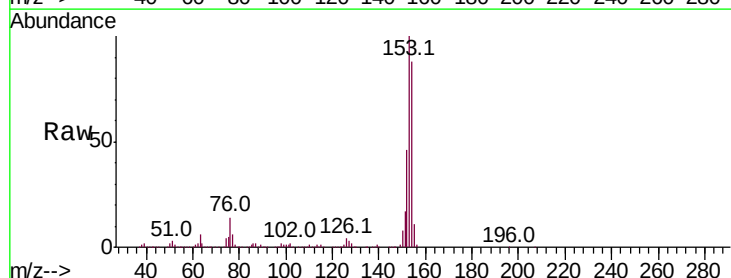
Manual Integrations
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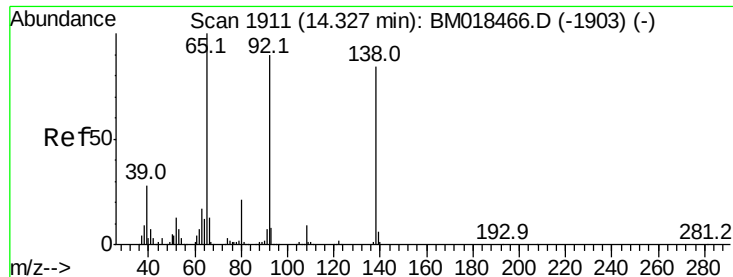
Sohil
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#52
Acenaphthene
Concen: 39.133 ng
RT: 14.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1275073		
153	113.2		92.3	138.5
152	52.5		43.8	65.6





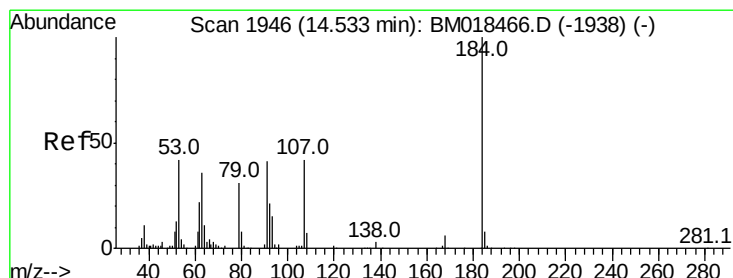
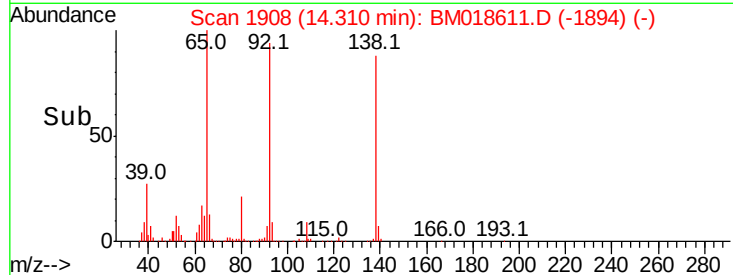
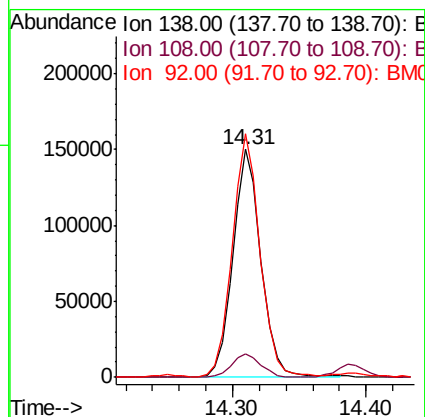
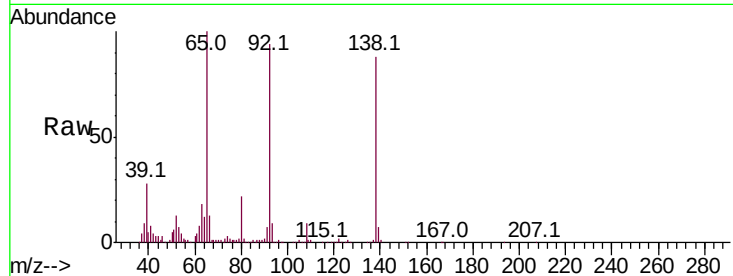
#53
3-Nitroaniline
Concen: 23.208 ng
RT: 14.31 min Scan# 1908
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.1	13.7
92	107.0	88.2	132.2

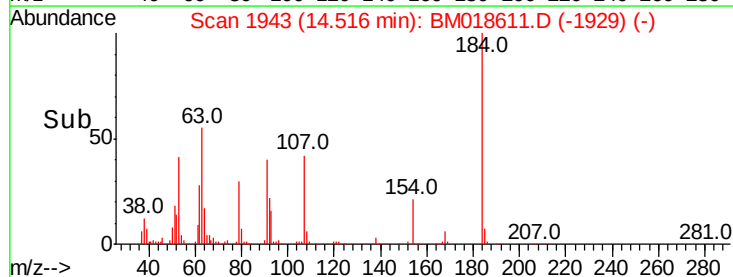
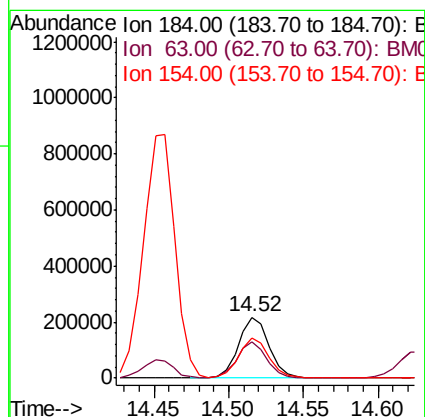
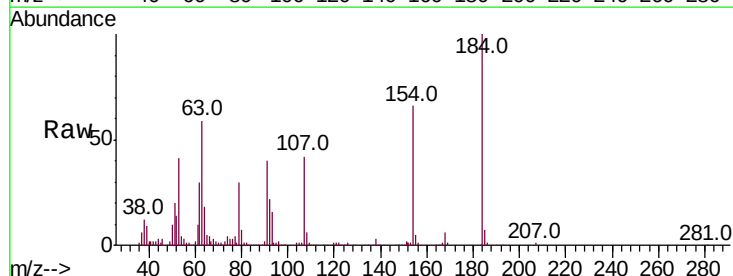
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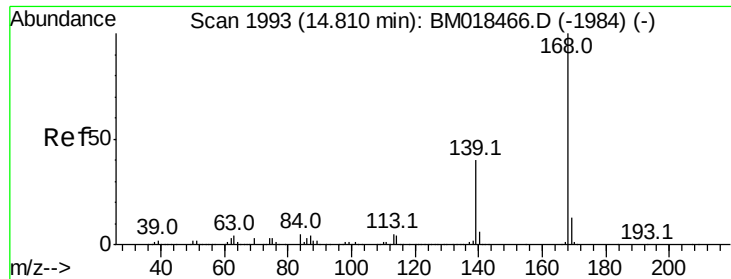
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#54
2,4-Dinitrophenol
Concen: 62.815 ng
RT: 14.52 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.3	55.9	83.9
154	66.0	54.2	81.4





#55

Dibenzofuran

Concen: 37.270 ng

RT: 14.79 min Scan# 1990

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

Tot Ion:168 Resp: 2006526

Ion Ratio Lower Upper

168 100

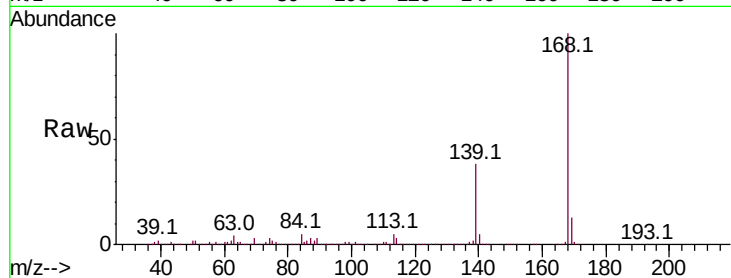
139 38.2 30.3 45.5

169 13.0 10.6 16.0

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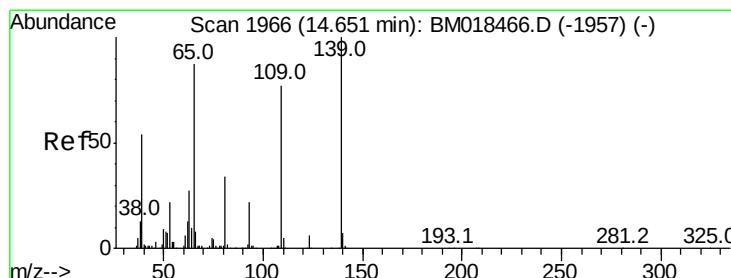
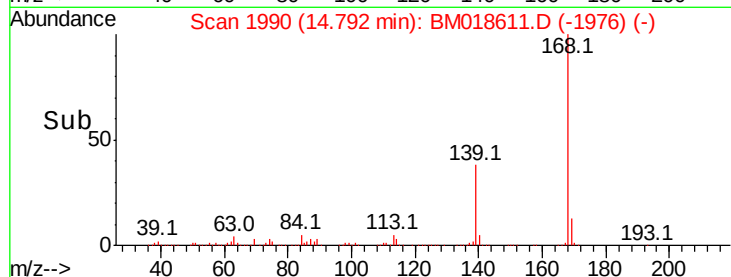
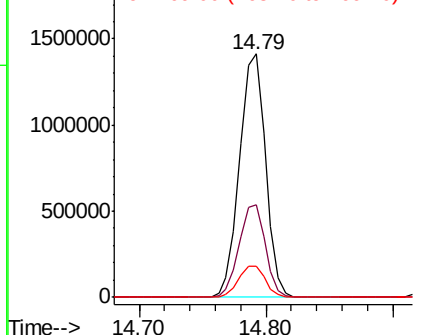
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 64.103 ng

RT: 14.63 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

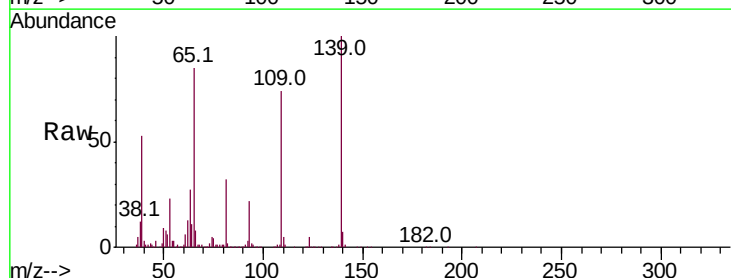
Tgt Ion:139 Resp: 524176

Ion Ratio Lower Upper

139 100

109 74.3 51.7 91.7

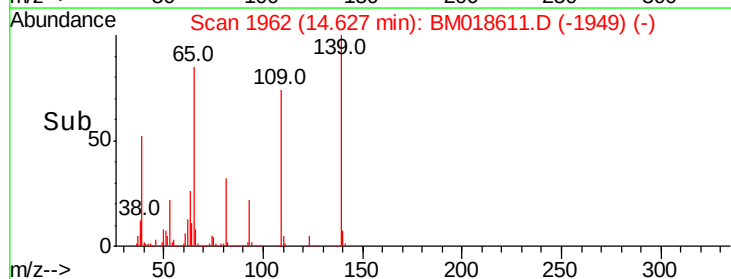
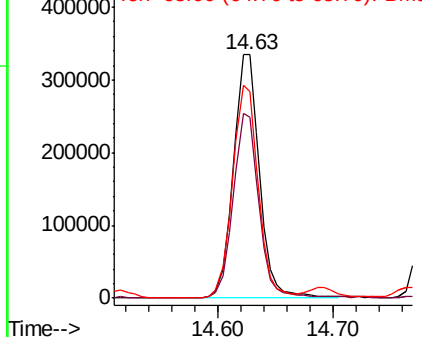
65 85.0 71.4 111.4

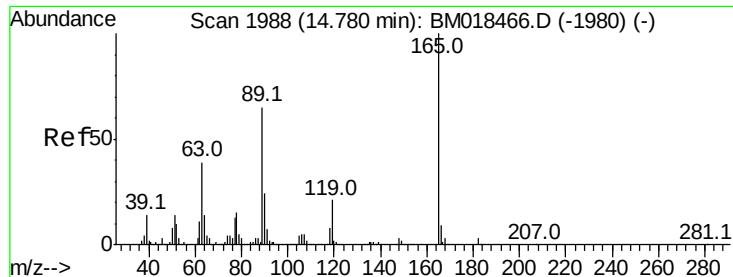


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





#57

2,4-Dinitrotoluene

Concen: 35.722 ng

RT: 14.76 min Scan# 1985

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

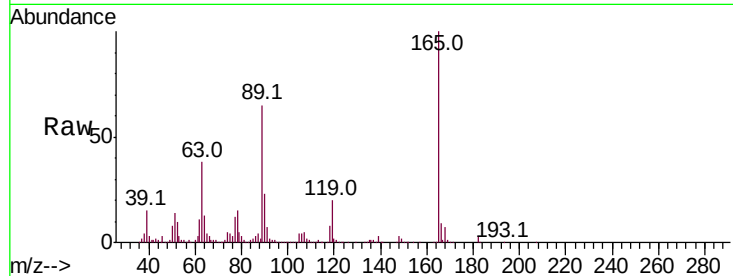
ClientSampled :

PB116441BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	474524		
63	38.2		32.2	48.2
89	64.7		52.1	78.1
182	2.7		2.5	3.7

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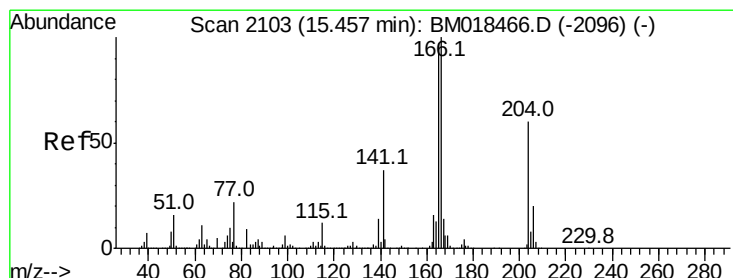
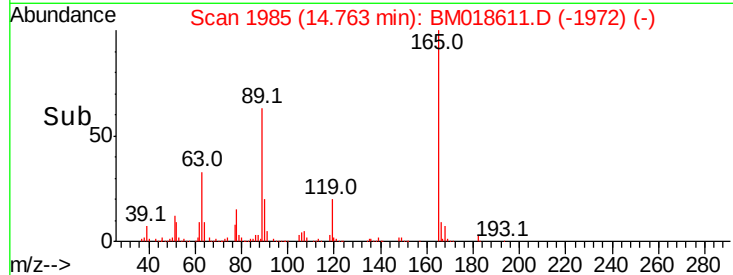
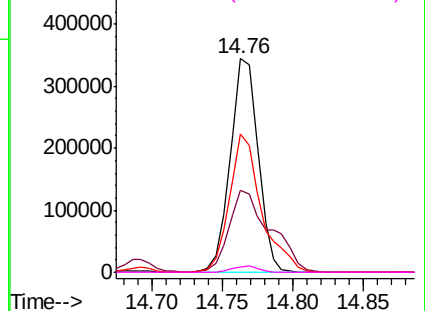


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.178 ng

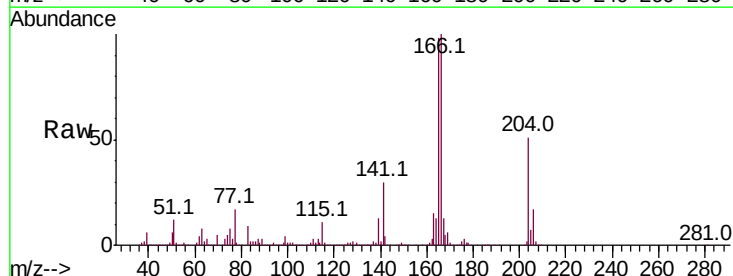
RT: 15.44 min Scan# 2100

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

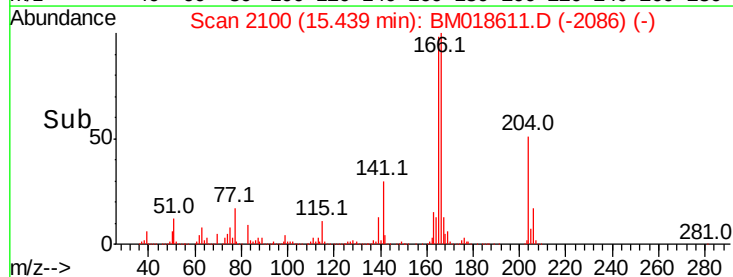
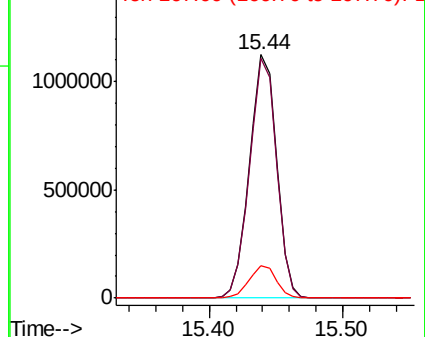
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1571221		
165	98.4		78.3	117.5
167	13.3		10.9	16.3

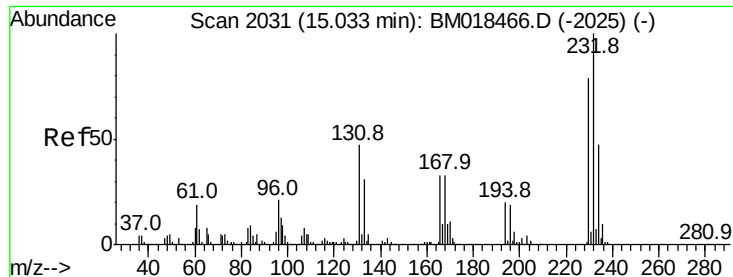


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





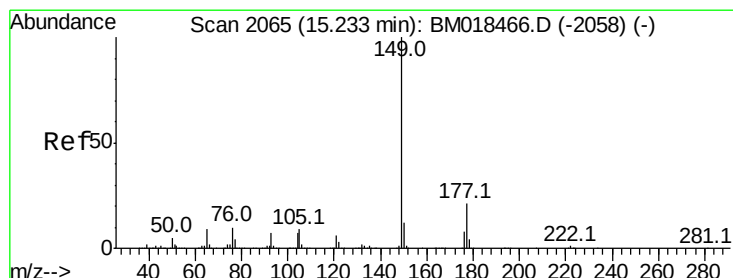
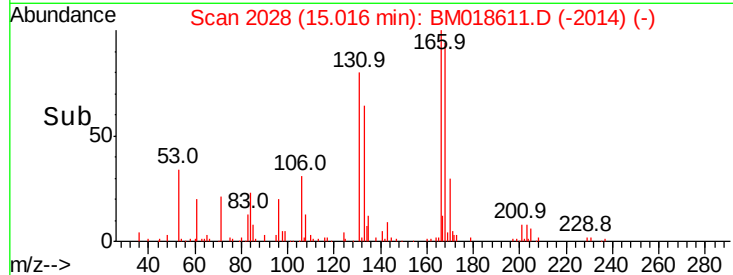
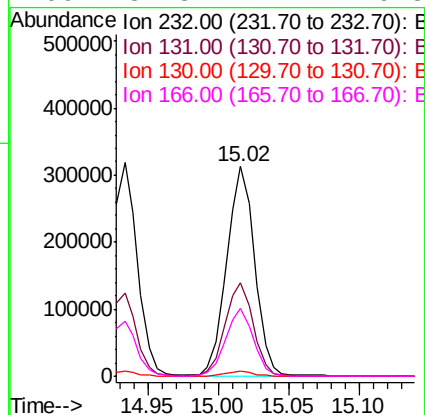
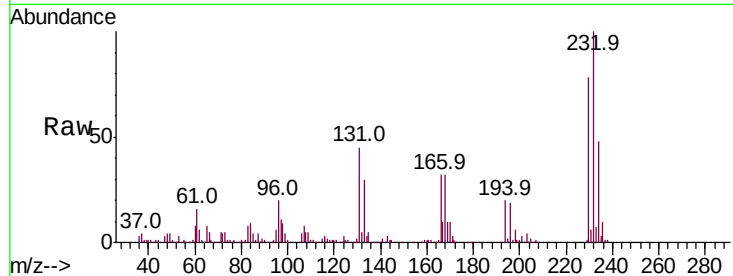
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.125 ng
RT: 15.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	428685		
131	44.8	38.6	57.8	
130	2.5	2.2	3.4	
166	31.8	27.2	40.8	

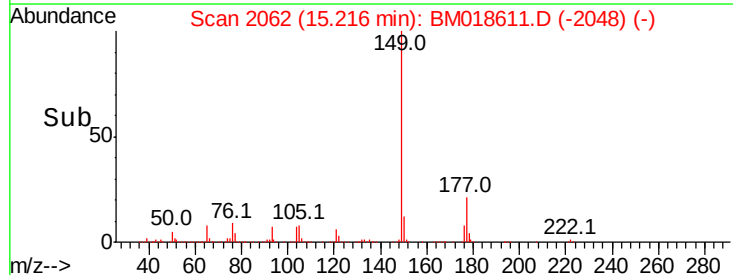
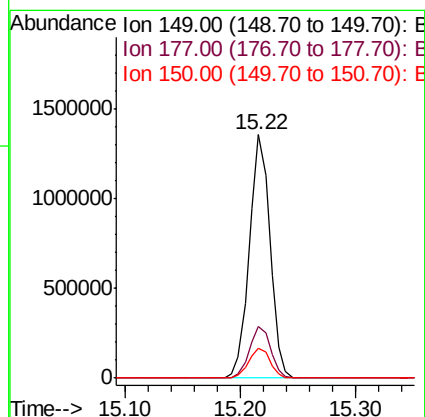
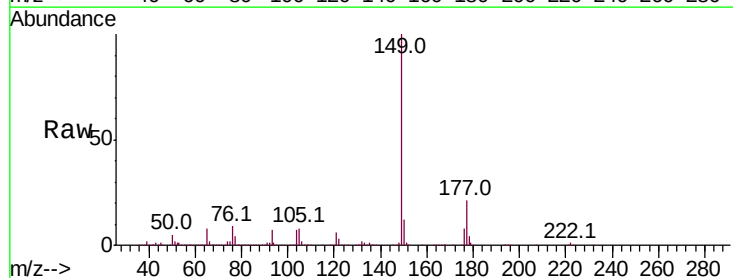
Manual Integrations
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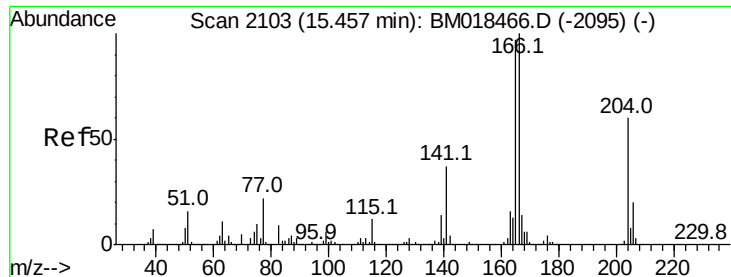
Sohil
1/18/2019 12:06:56 PM



#60
Diethylphthalate
Concen: 37.716 ng
RT: 15.22 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1687620		
177	21.5	17.1	25.7	
150	12.5	9.8	14.6	





#61

4-Chlorophenyl-phenylether

Concen: 36.089 ng

RT: 15.43 min Scan# 2099

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

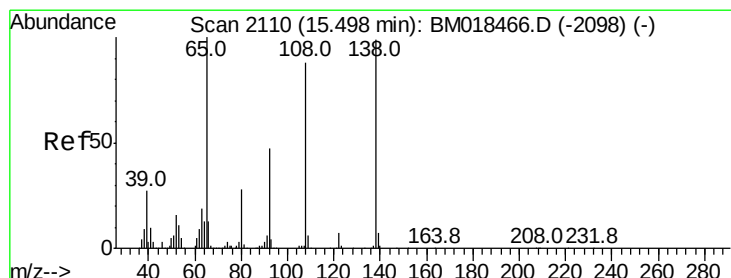
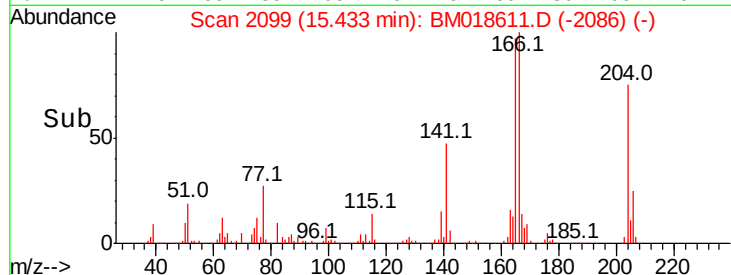
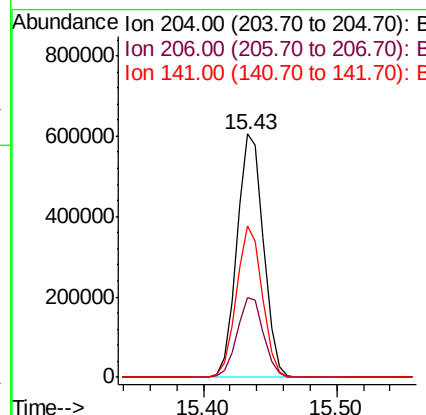
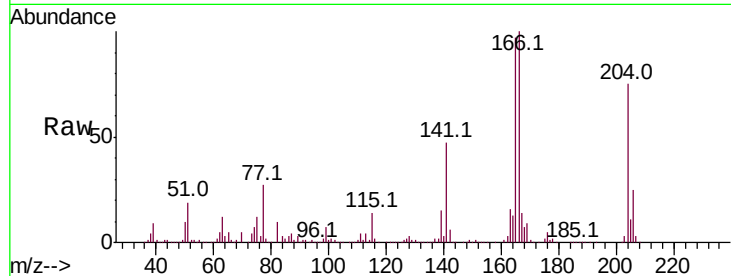
ClientSampleId :

PB116441BS

Tot Ion:	204	Resp:	834176
Ion Ratio	Lower	Upper	
204	100		
206	32.9	25.8	38.6
141	62.0	49.5	74.3

Manual Integrations
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#62

4-Nitroaniline

Concen: 30.243 ng

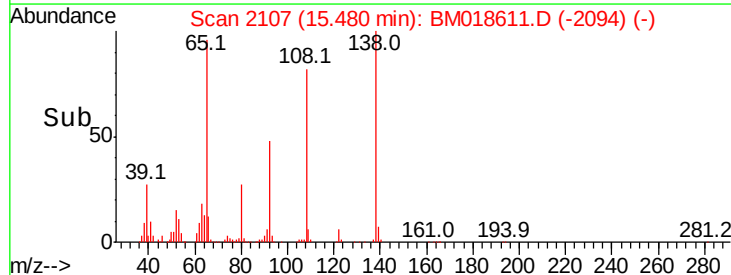
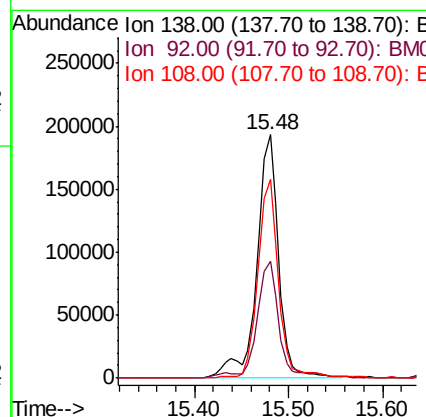
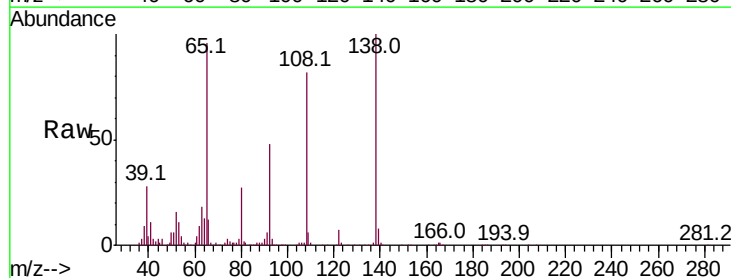
RT: 15.48 min Scan# 2107

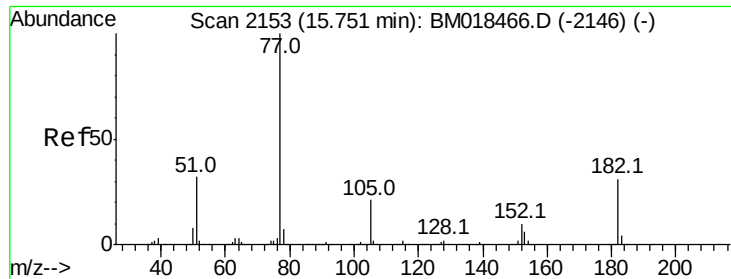
Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Tgt Ion:	138	Resp:	312235
Ion Ratio	Lower	Upper	
138	100		
92	47.9	29.0	69.0
108	81.8	63.9	103.9





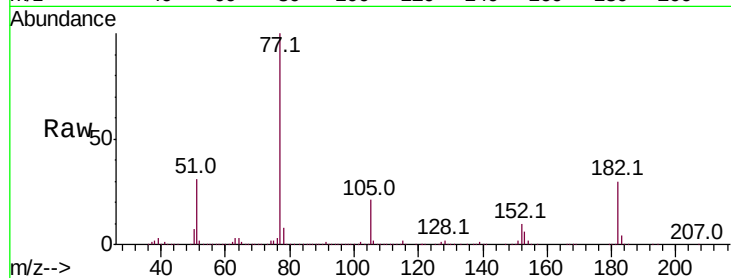
#63
Azobenzene
Concen: 35.974 ng
RT: 15.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.7	7.4	47.4
105	21.4	0.0	39.6
51	31.0	12.0	52.0

Manual Integrations
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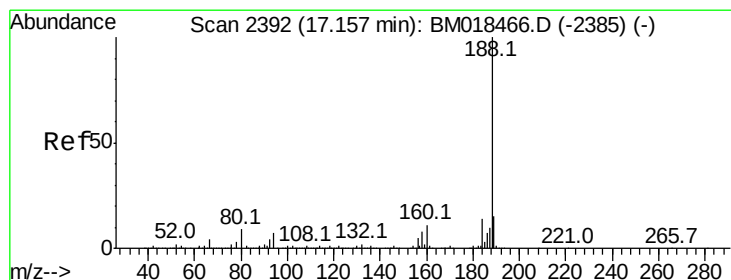
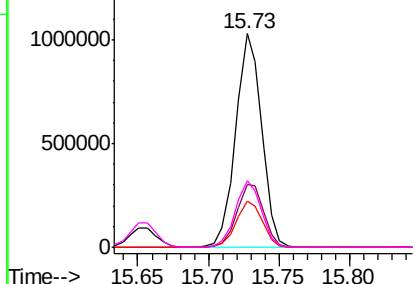
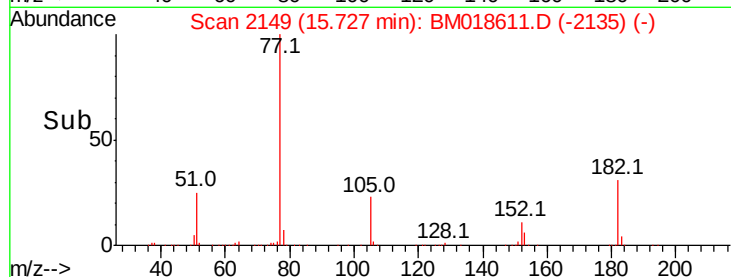
Abundance

Ion 77.00 (76.70 to 77.70): BM018611.D (-2135) (-)

Ion 182.00 (181.70 to 182.70): BM018611.D (-2135) (-)

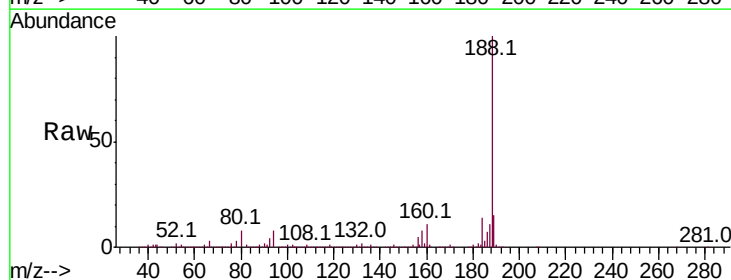
Ion 105.00 (104.70 to 105.70): BM018611.D (-2135) (-)

Ion 51.00 (50.70 to 51.70): BM018611.D (-2135) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.1	10.7
80	8.0	7.6	11.4

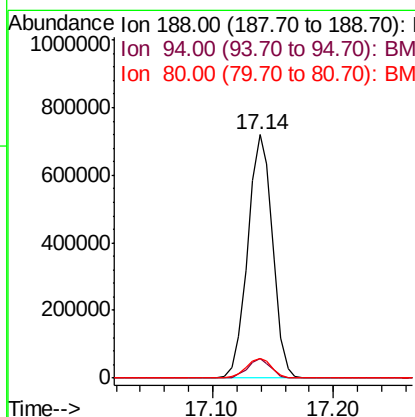
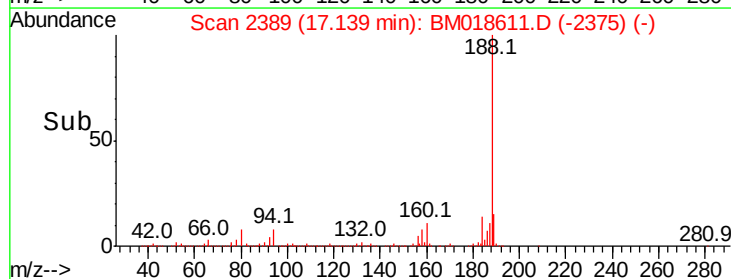


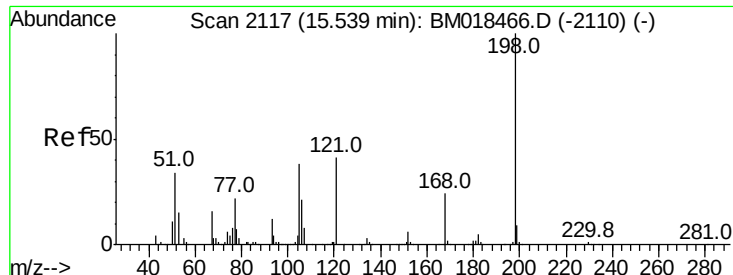
Abundance

Ion 188.00 (187.70 to 188.70): BM018611.D (-2375) (-)

Ion 94.00 (93.70 to 94.70): BM018611.D (-2375) (-)

Ion 80.00 (79.70 to 80.70): BM018611.D (-2375) (-)





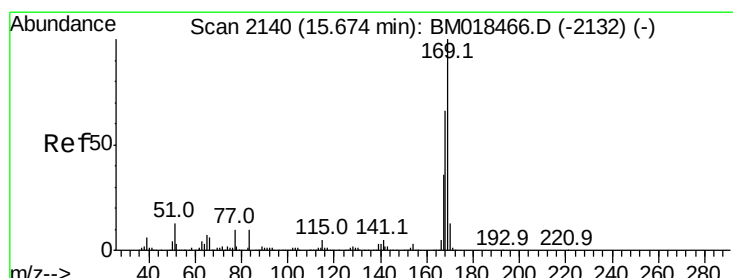
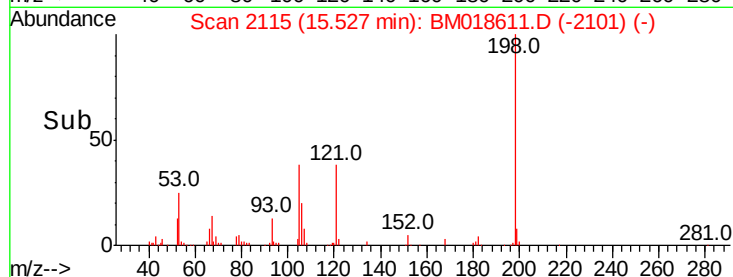
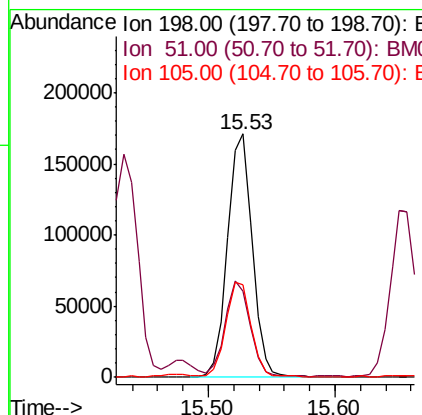
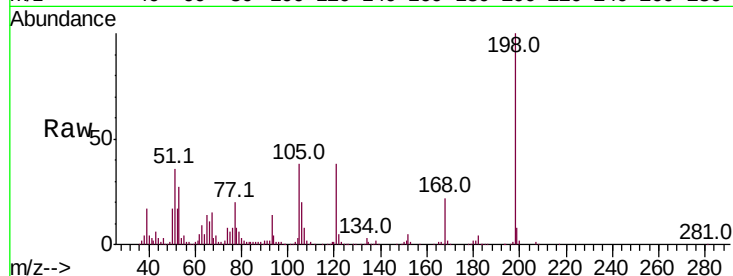
#65
4,6-Dinitro-2-methylphenol
Concen: 36.571 ng
RT: 15.53 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	231331		
51	35.6	29.6	69.6	
105	38.1	25.5	65.5	

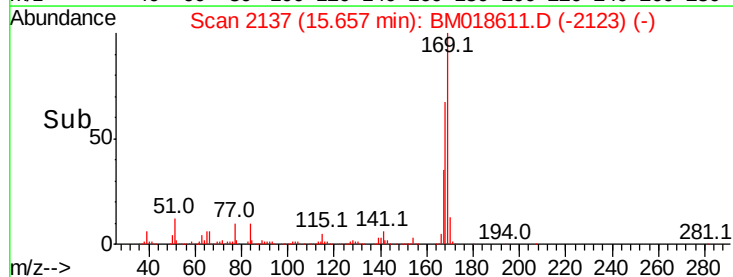
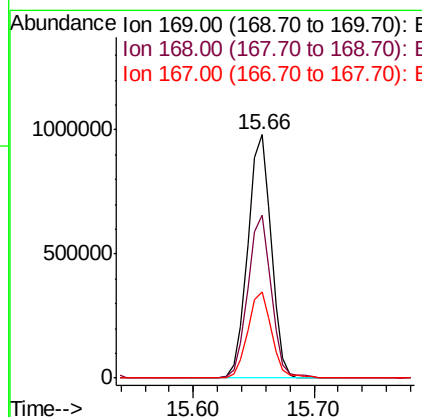
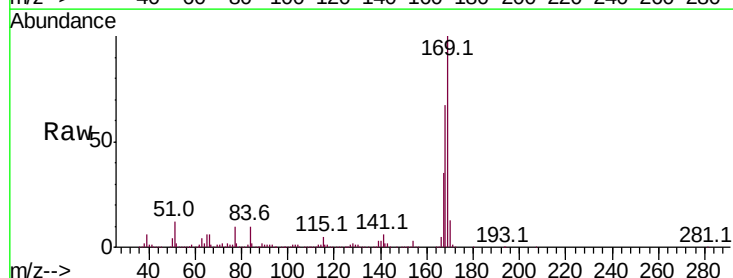
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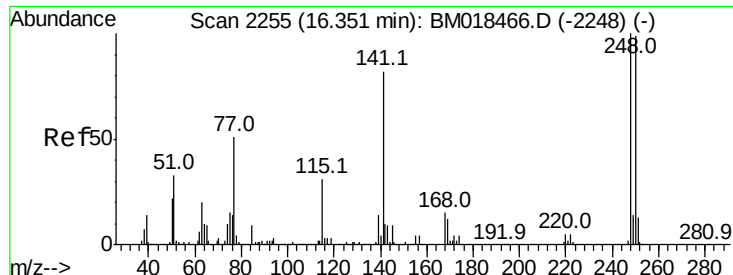
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#66
n-Nitrosodiphenylamine
Concen: 41.491 ng
RT: 15.66 min Scan# 2137
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1329859		
168	66.7	54.1	81.1	
167	35.3	28.6	42.8	





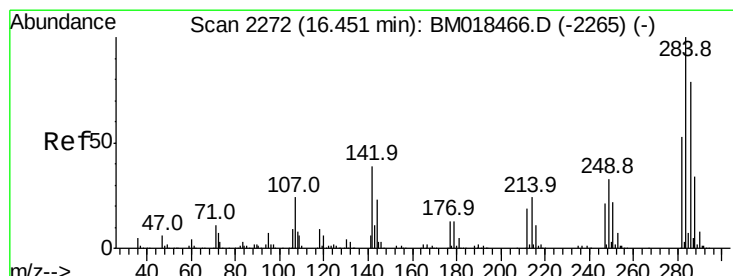
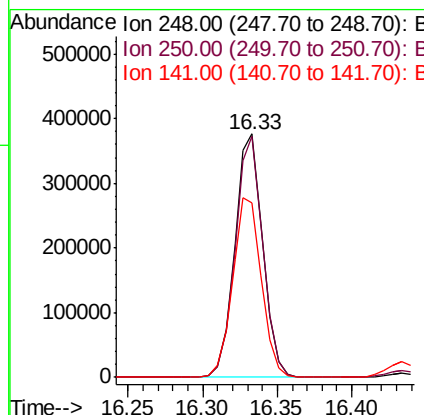
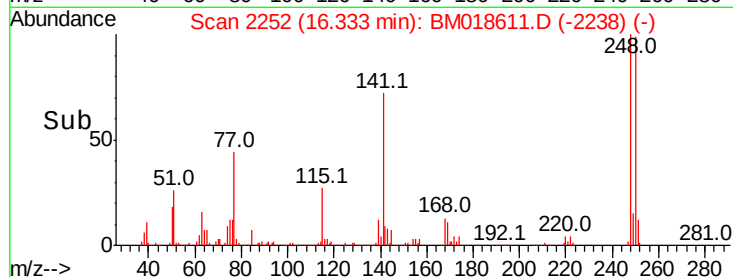
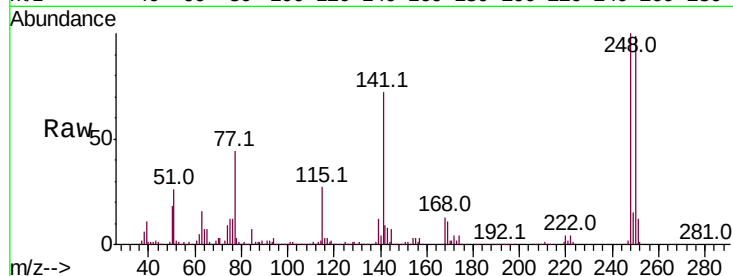
#67
 4-Bromophenyl-phenylether
 Concen: 42.471 ng
 RT: 16.33 min Scan# 2252
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Instrument :
 BNA_M
 ClientSampleID :
 PB116441BS

Tot Ion:	248	Resp:	491100
Ion Ratio	Lower	Upper	
248	100		
250	98.8	76.0	114.0
141	71.5	61.5	92.3

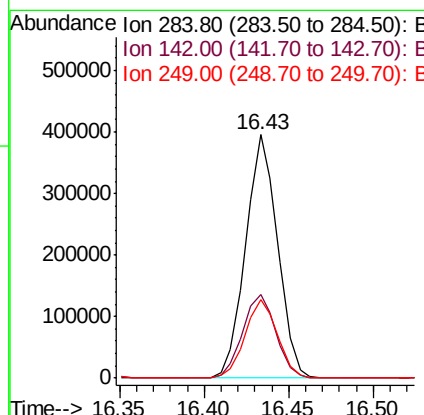
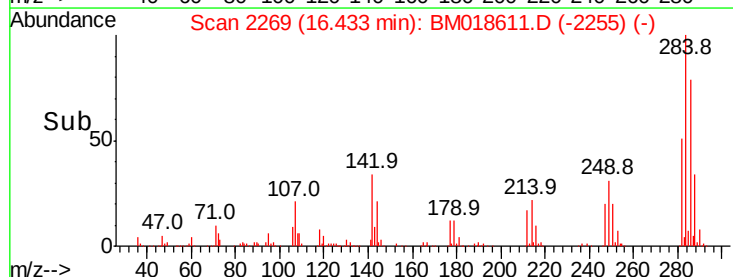
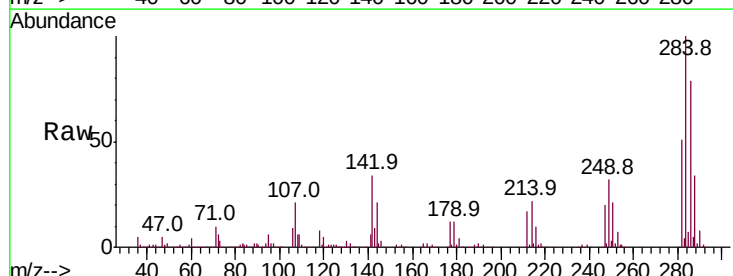
Manual Integrations
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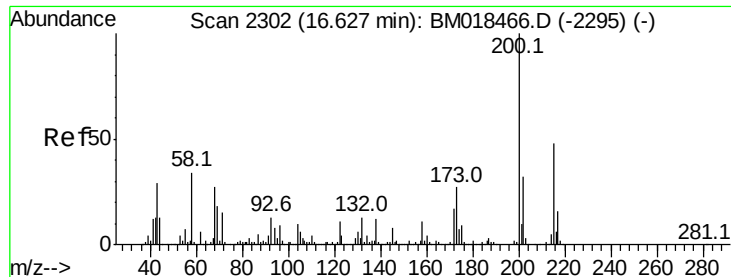
Sohil
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#68
 Hexachlorobenzene
 Concen: 40.435 ng
 RT: 16.43 min Scan# 2269
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Tgt Ion:	284	Resp:	523426
Ion Ratio	Lower	Upper	
284	100		
142	34.4	29.2	43.8
249	32.3	26.1	39.1





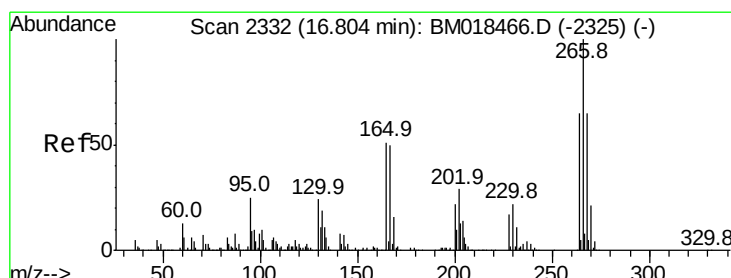
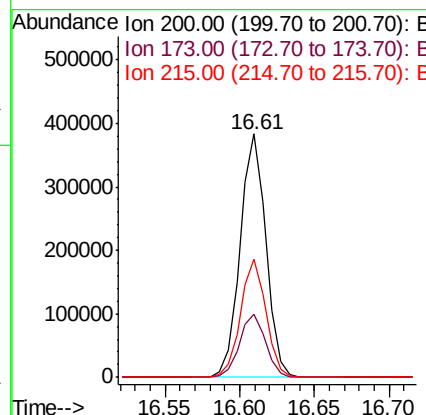
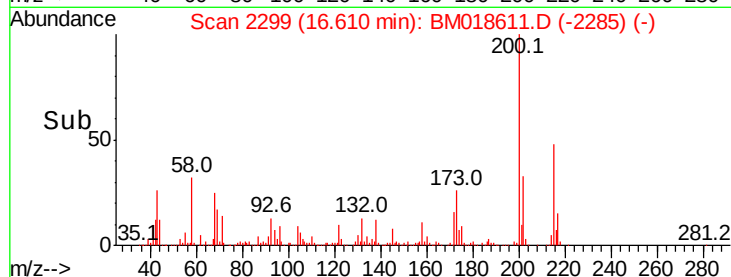
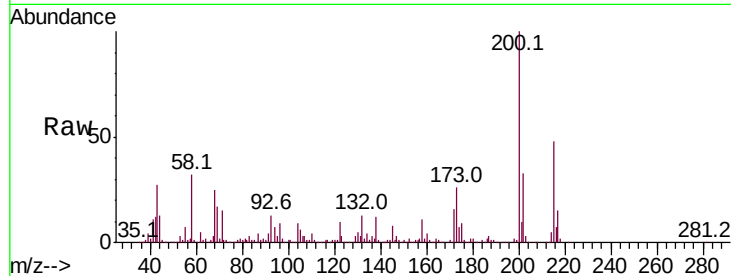
#69
Atrazine
Concen: 39.796 ng
RT: 16.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampled :
PB116441BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.1	7.2	47.2	
215	48.5	28.3	68.3	

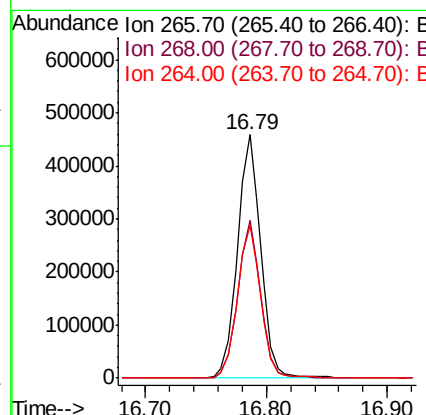
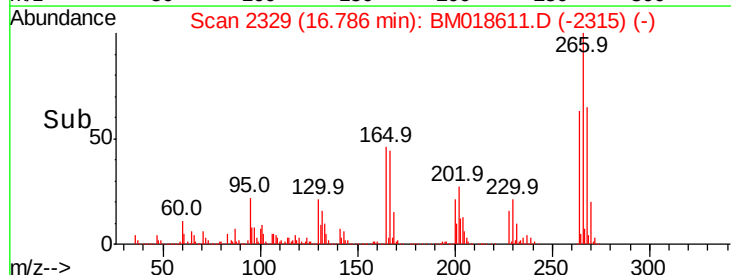
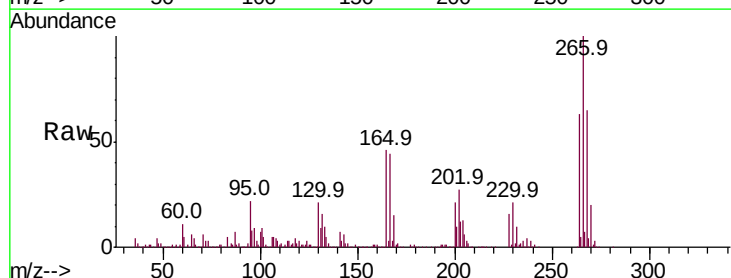
Manual Integrations
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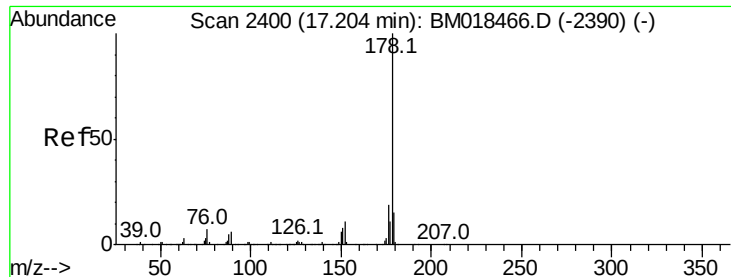
Sohil
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#70
Pentachlorophenol
Concen: 72.789 ng
RT: 16.79 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.7	49.8	74.6	
264	62.7	50.1	75.1	





#71

Phenanthrene

Concen: 40.324 ng

RT: 17.18 min Scan# 2396

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

Tot Ion:178 Resp: 2216227

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

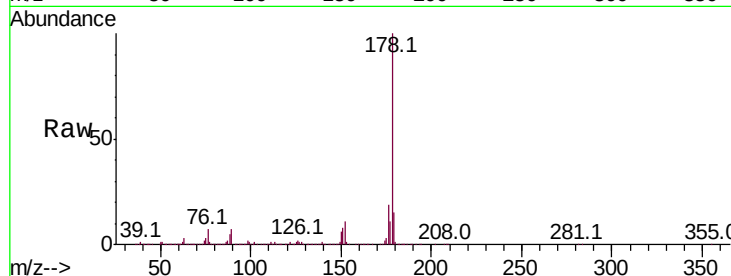
179 15.4 12.2 18.4

Manual Integrations

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Sohil

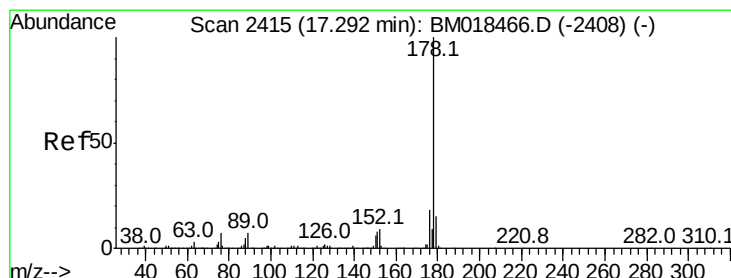
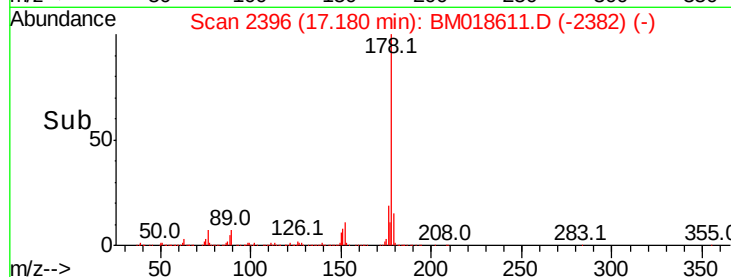
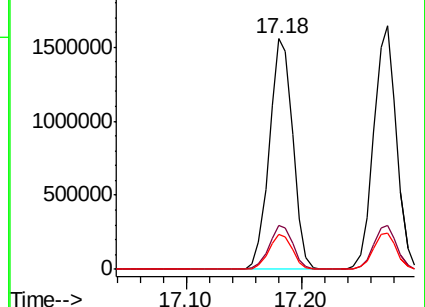
1/18/2019 12:06:56 PM



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: 42.638 ng

RT: 17.27 min Scan# 2412

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

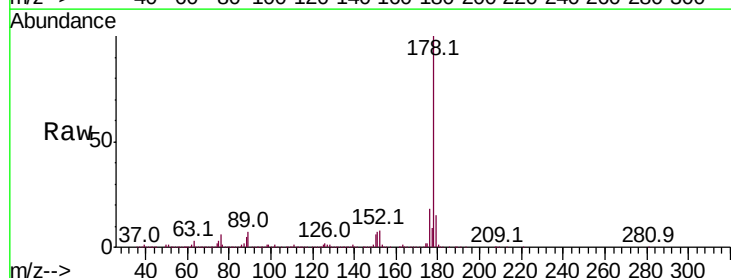
Tgt Ion:178 Resp: 2253415

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

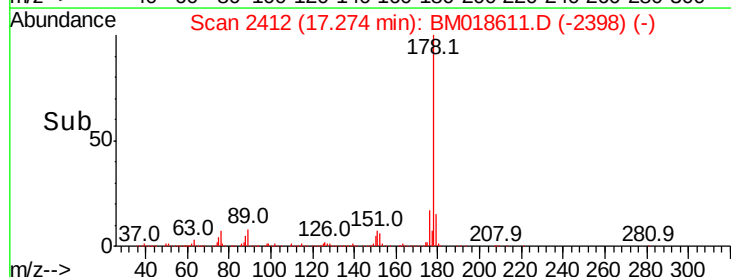
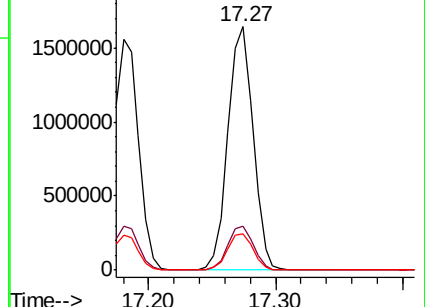
179 15.1 12.2 18.4

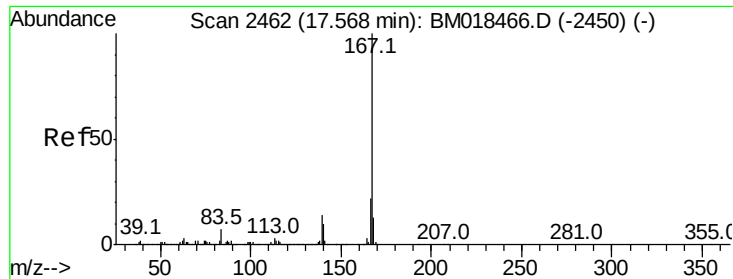


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





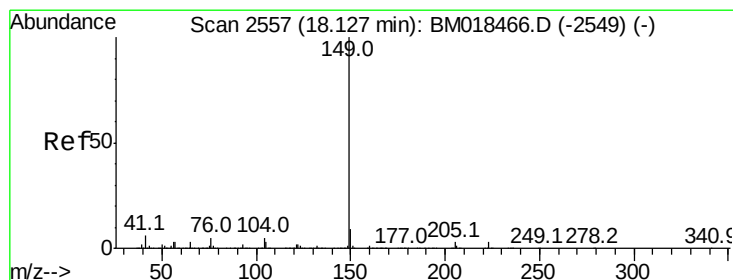
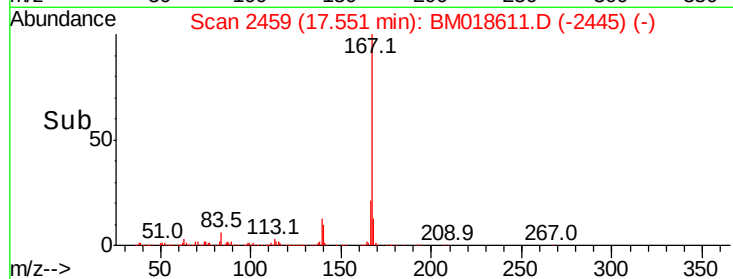
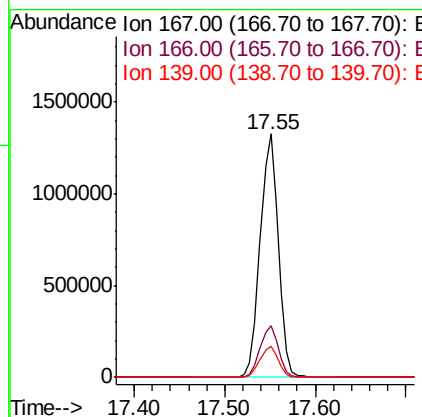
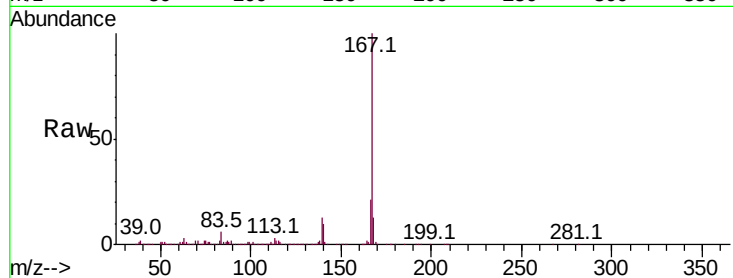
#73
 Carbazole
 Concen: 33.925 ng
 RT: 17.55 min Scan# 2459
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Instrument :
 BNA_M
 ClientSampleId :
 PB116441BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.2
139	12.8	10.6	16.0

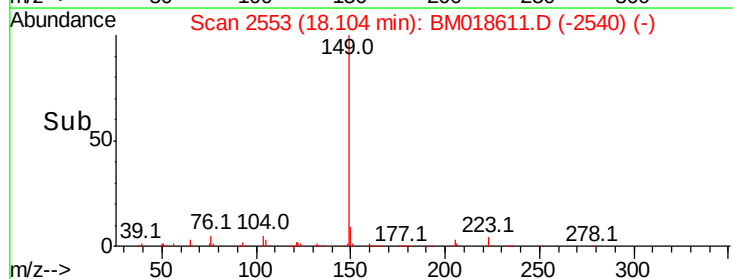
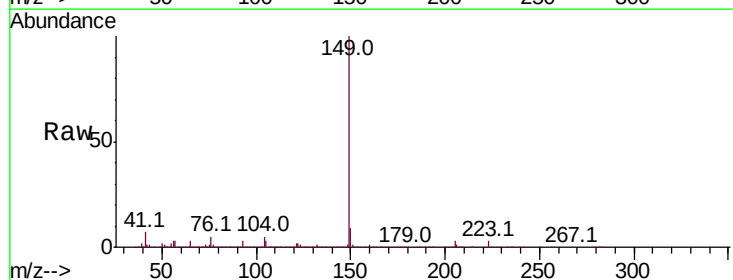
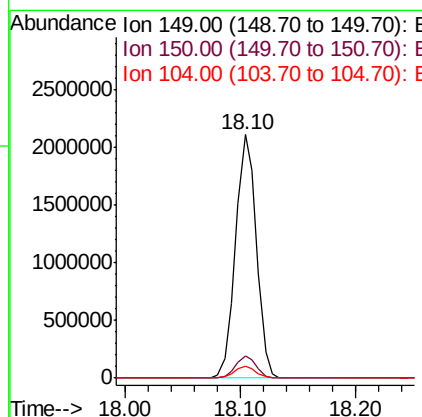
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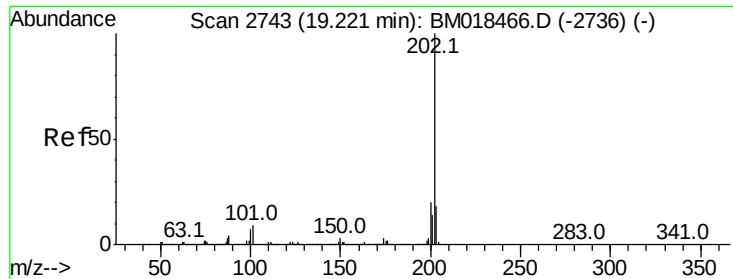
Sohil
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#74
 Di-n-butylphthalate
 Concen: 44.102 ng
 RT: 18.10 min Scan# 2553
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.9	4.2	6.4





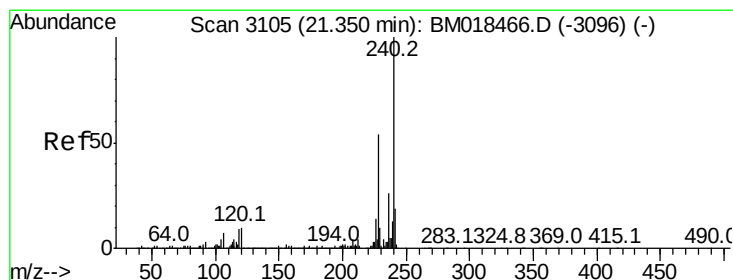
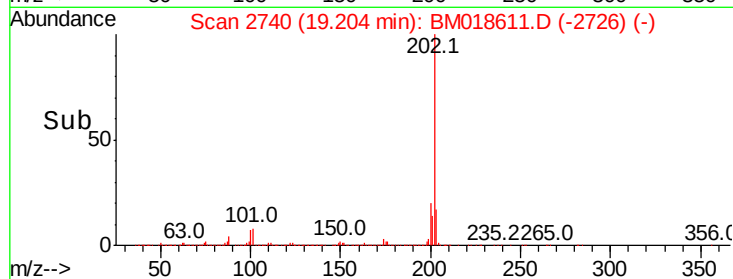
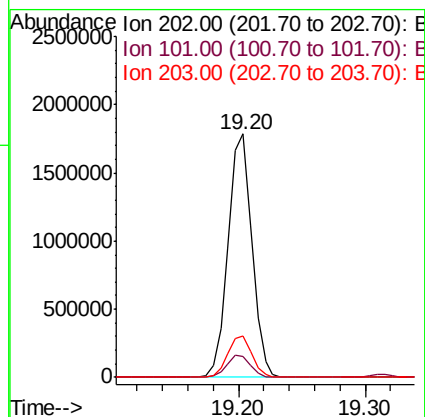
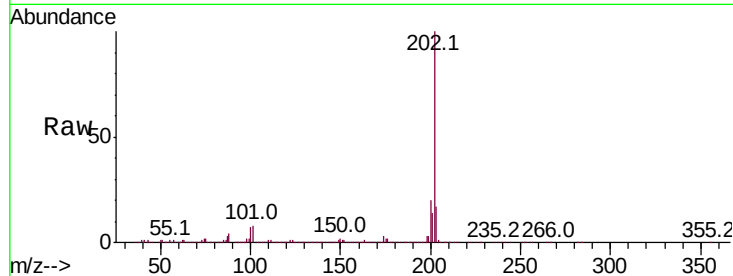
#75
Fluoranthene
Concen: 36.496 ng
RT: 19.20 min Scan# 2740
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	30.9
203	17.1	0.0	37.4

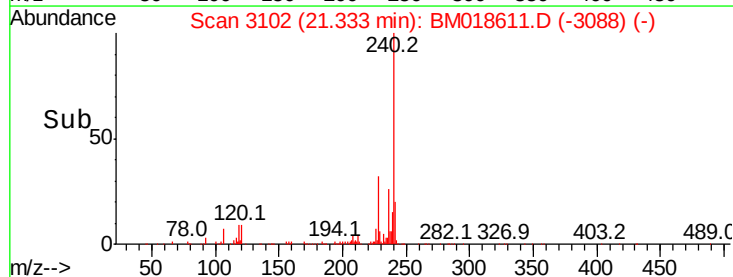
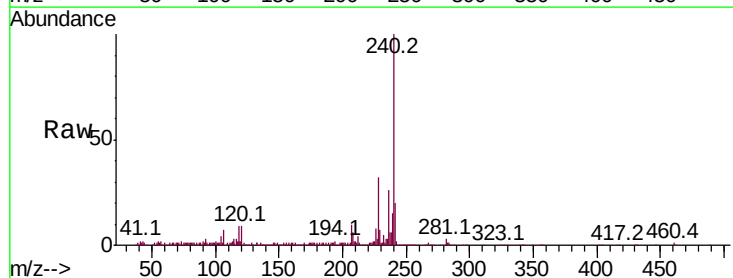
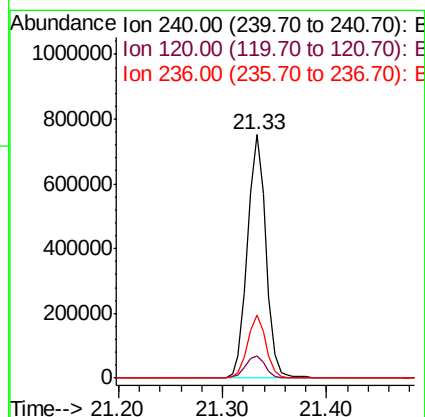
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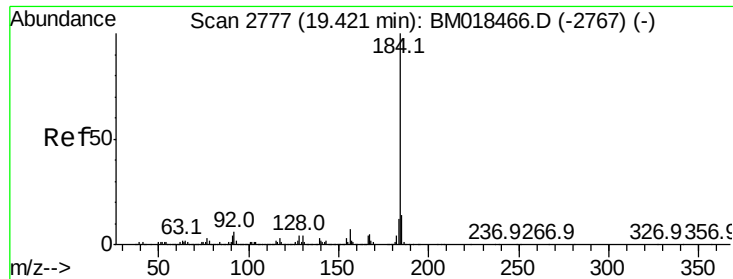
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng m
RT: 21.33 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.4	12.6
236	25.9	20.7	31.1





#77

Benzidine

Concen: 32.547 ng

RT: 19.40 min Scan# 2773

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

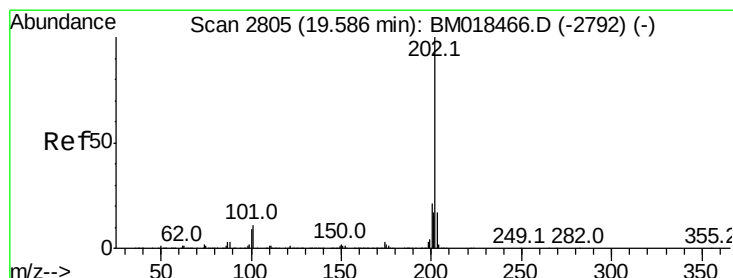
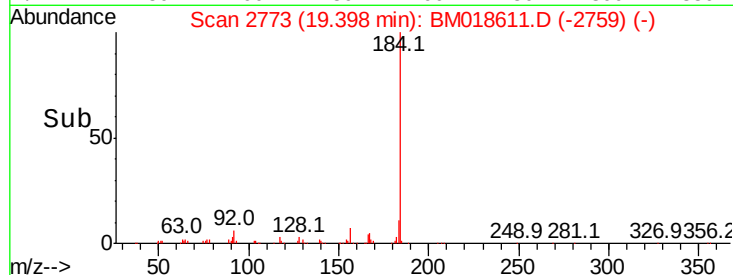
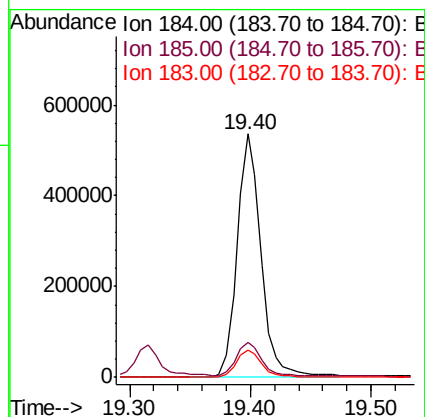
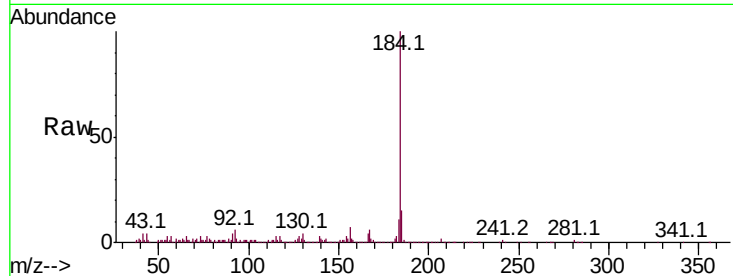
ClientSampleId :

PB116441BS

Tot Ion:	184	Resp:	743997
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.4	17.0
183	11.4	9.5	14.3

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#78

Pyrene

Concen: 41.566 ng

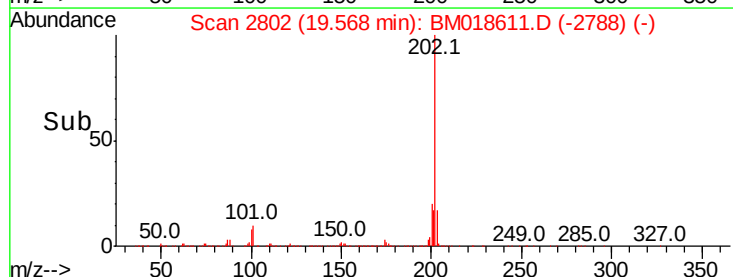
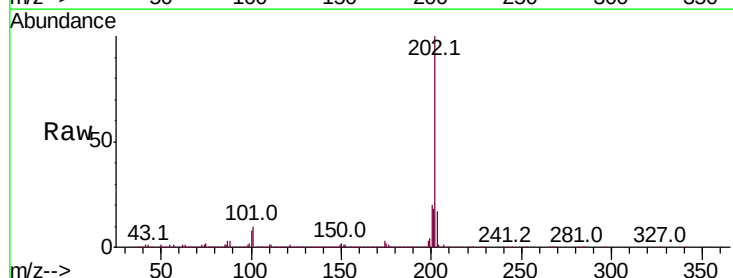
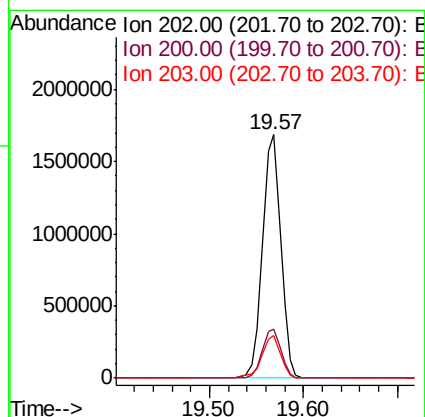
RT: 19.57 min Scan# 2802

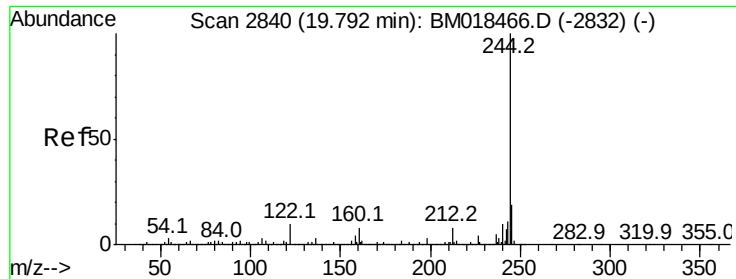
Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Tgt Ion:	202	Resp:	2280990
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.6	24.8
203	17.4	13.8	20.8





#79

Terphenyl-d14

Concen: 94.894 ng

RT: 19.77 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

Tot Ion:244 Resp: 4167478

Ion Ratio Lower Upper

244 100

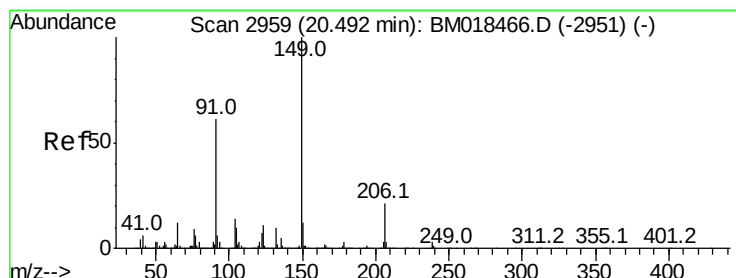
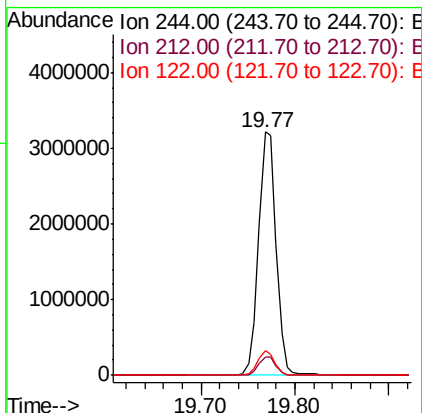
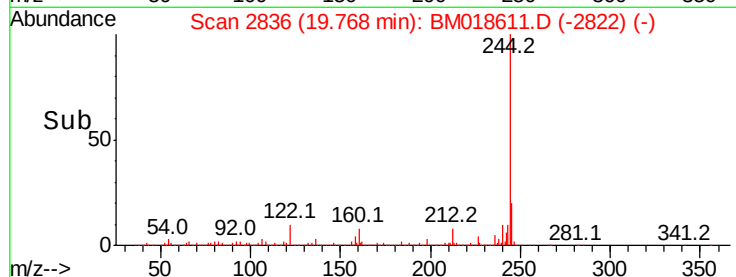
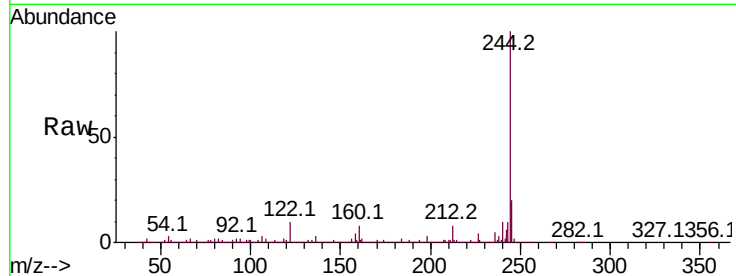
212 7.8 5.9 8.9

122 10.3 9.0 13.4

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#80

Butylbenzylphthalate

Concen: 44.104 ng

RT: 20.47 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

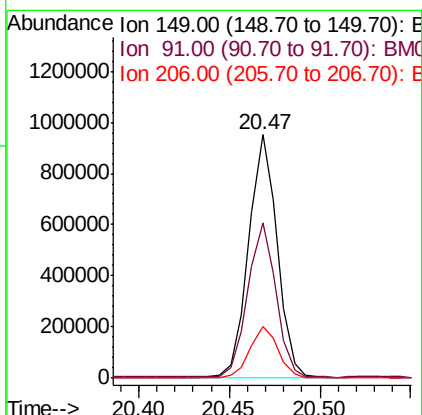
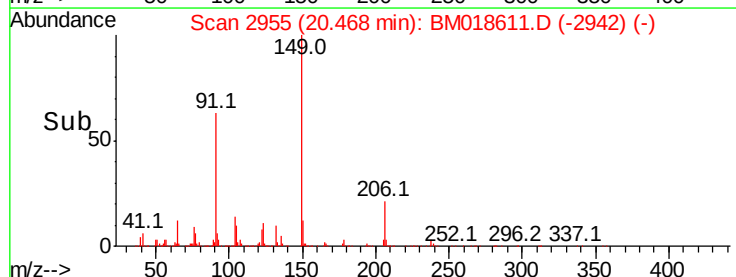
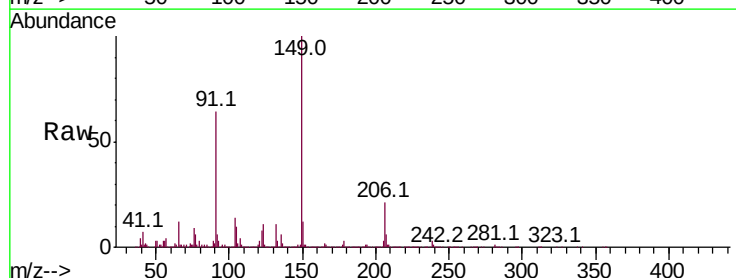
Tgt Ion:149 Resp: 1032748

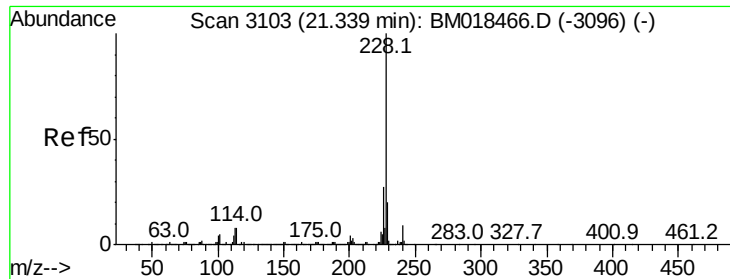
Ion Ratio Lower Upper

149 100

91 63.6 53.1 79.7

206 21.0 16.2 24.4





#81

Benzo(a)anthracene

Concen: 39.042 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

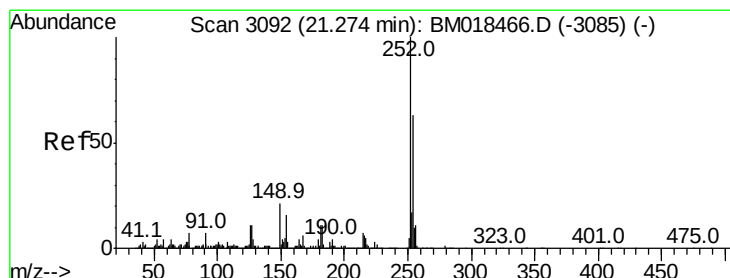
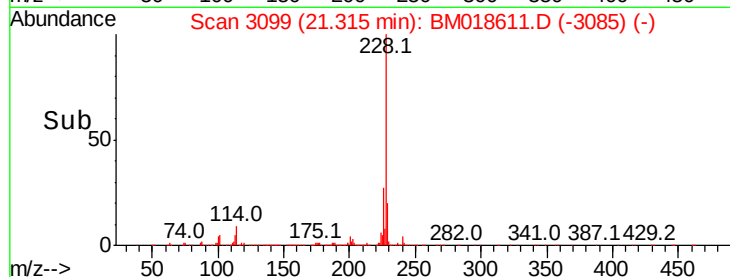
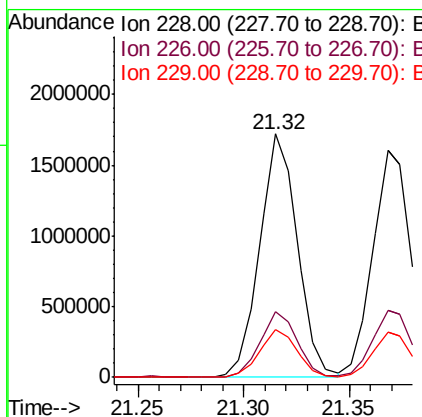
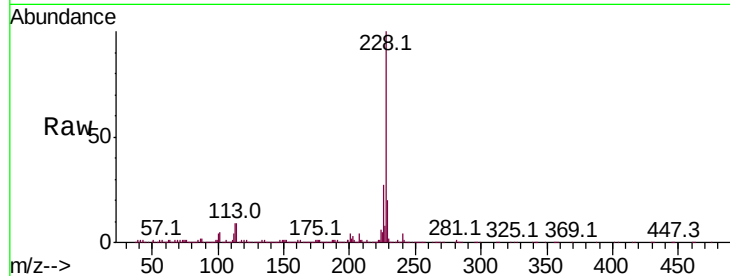
ClientSampleId :

PB116441BS

Tot Ion:	228	Resp:	2129355
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.7	15.8	23.8

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#82

3,3'-Dichlorobenzidine

Concen: 26.604 ng

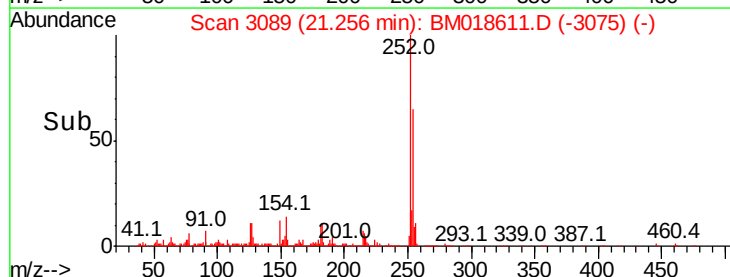
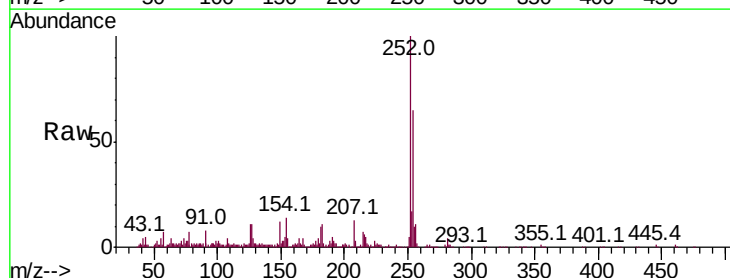
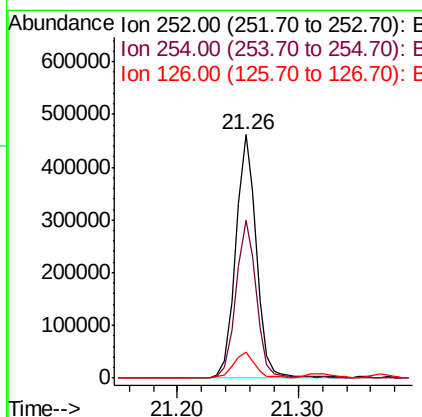
RT: 21.26 min Scan# 3089

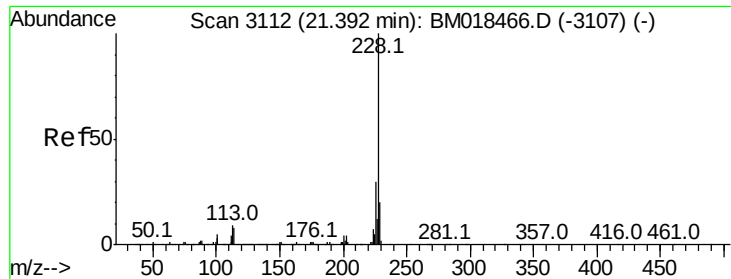
Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Tgt Ion:	252	Resp:	548673
Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.4	77.0
126	10.8	8.7	13.1





#83

Chrysene

Concen: 38.068 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

Tot Ion:228 Resp: 2004927

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	19.9	15.6	23.4

228 100

226 29.8 24.2 36.2

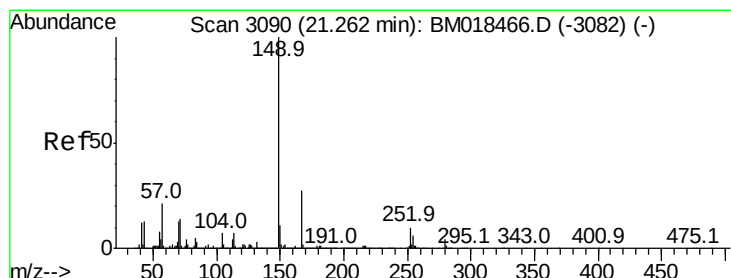
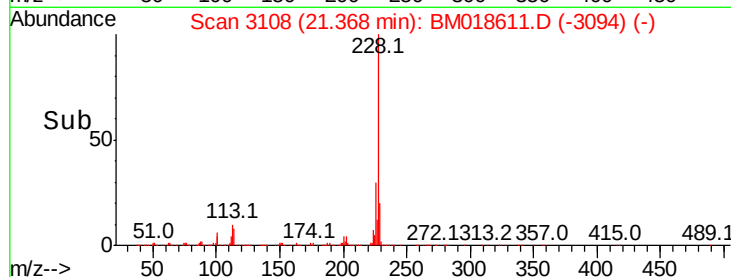
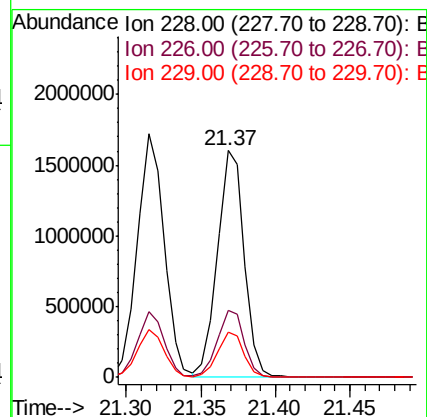
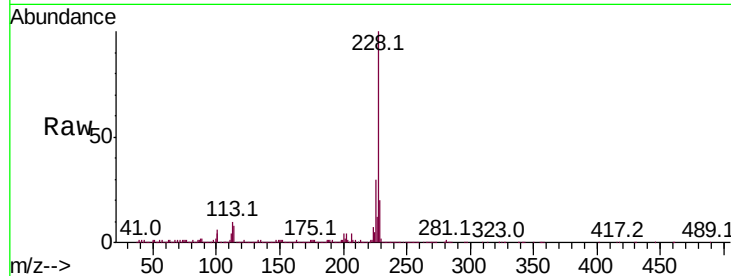
229 19.9 15.6 23.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 45.176 ng

RT: 21.24 min Scan# 3086

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

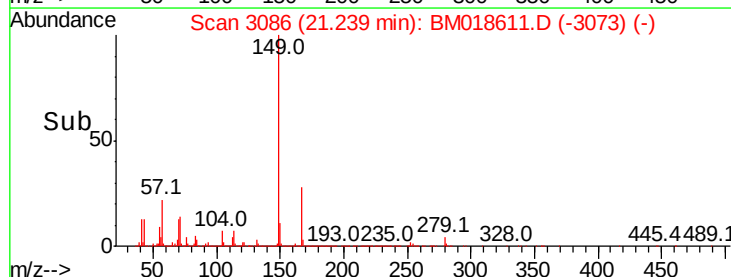
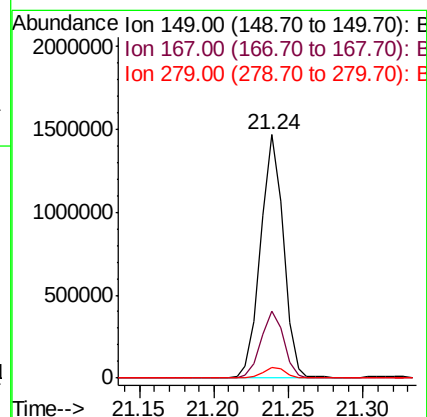
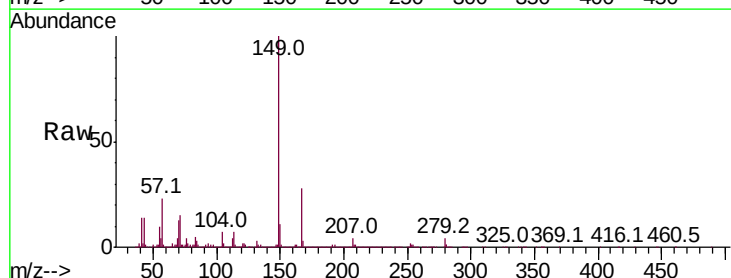
Tgt Ion:149 Resp: 1527531

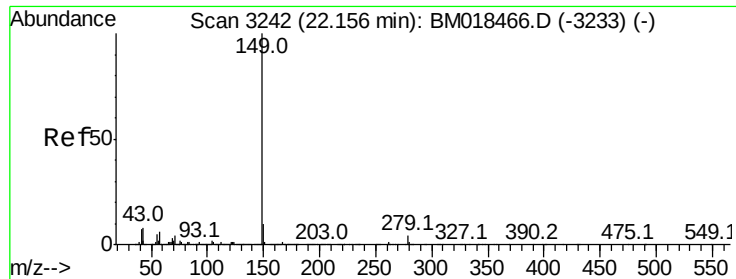
Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.6	32.4
279	4.1	3.3	4.9

149 100

167 27.6 21.6 32.4

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 43.959 ng

RT: 22.13 min Scan# 3237

Delta R.T. -0.03 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

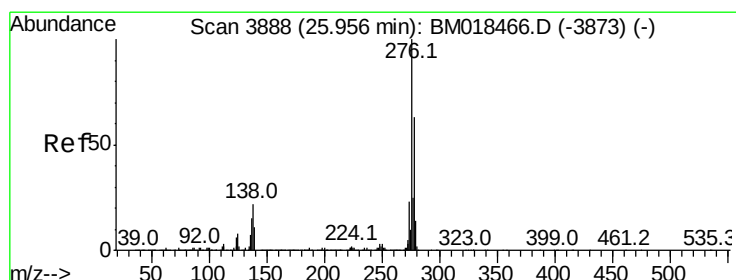
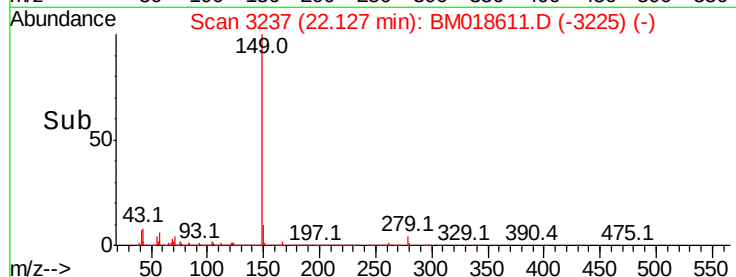
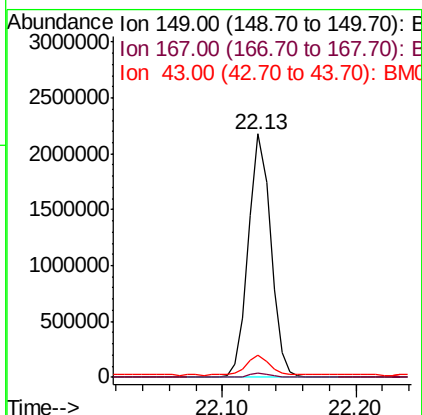
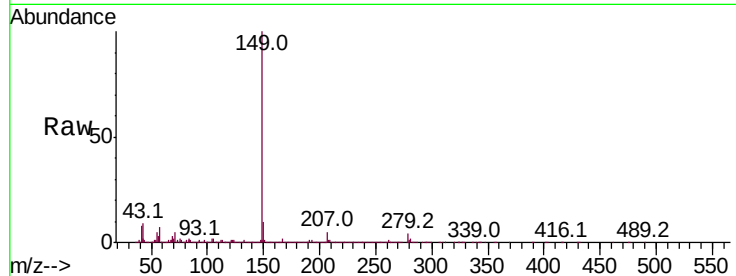
ClientSampleId :

PB116441BS

Tot Ion:	149	Resp:	2499975
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.2	8.6	12.8#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 49.261 ng

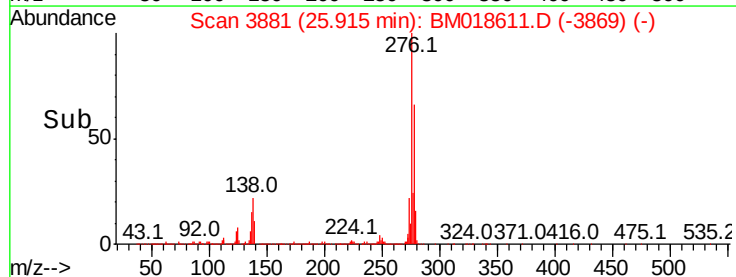
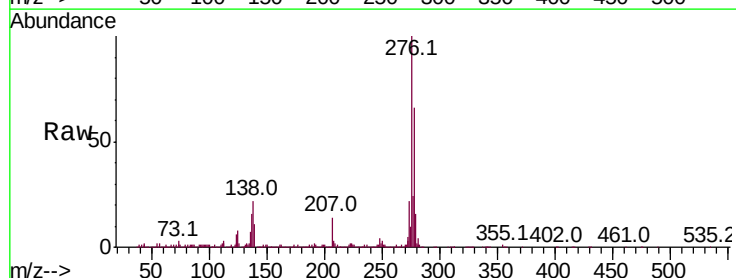
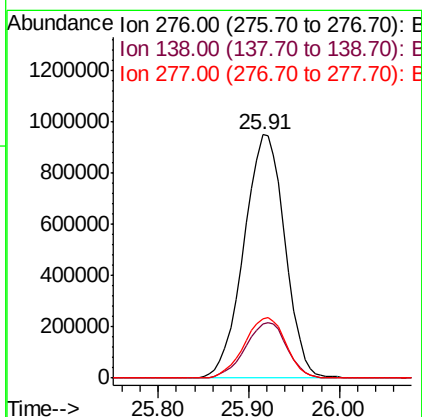
RT: 25.91 min Scan# 3881

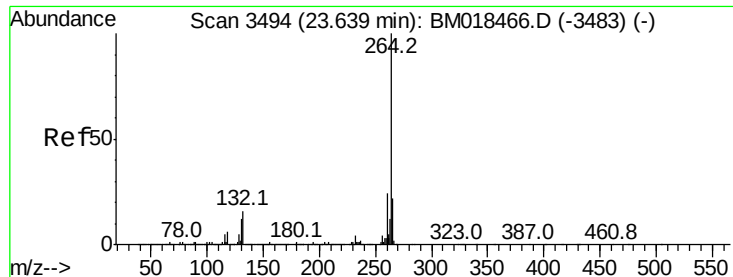
Delta R.T. -0.03 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Tgt Ion:	276	Resp:	2991641
Ion Ratio	Lower	Upper	
276	100		
138	23.0	21.5	32.3
277	25.3	20.2	30.2





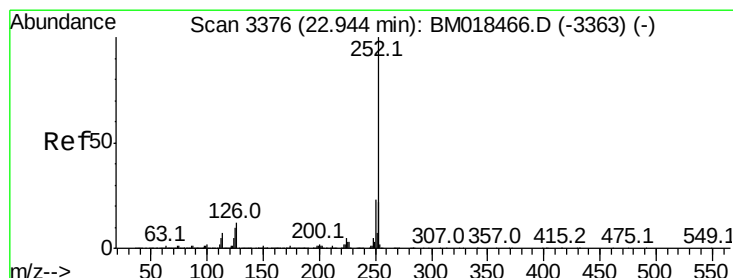
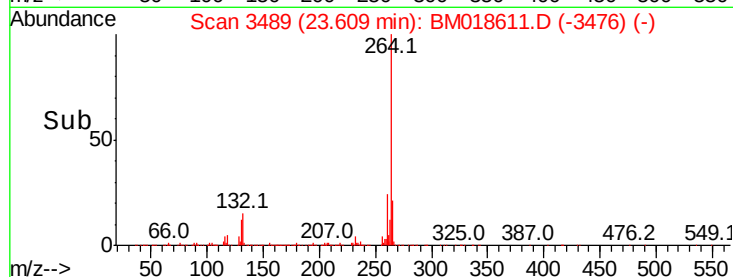
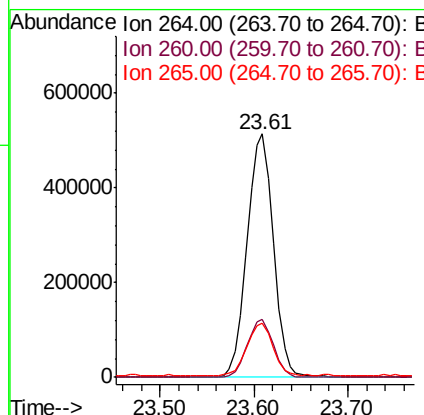
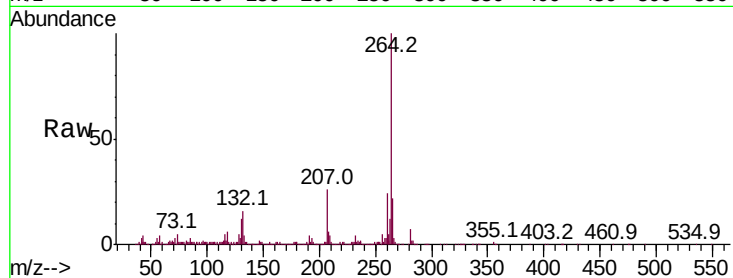
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.61 min Scan# 3489
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Instrument :
 BNA_M
 ClientSampleId :
 PB116441BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.1	16.8	25.2

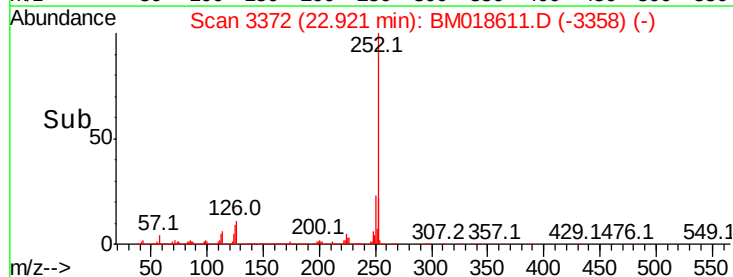
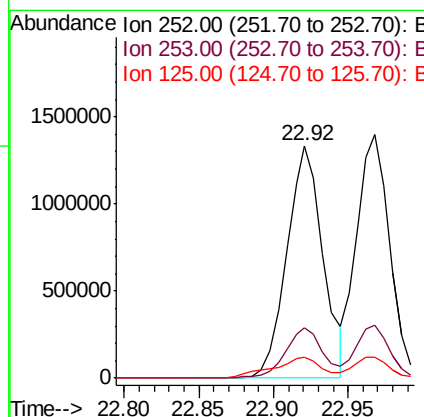
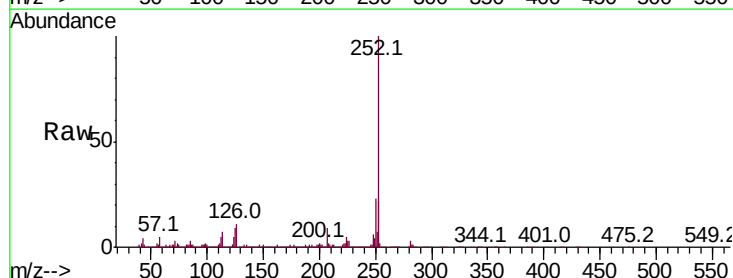
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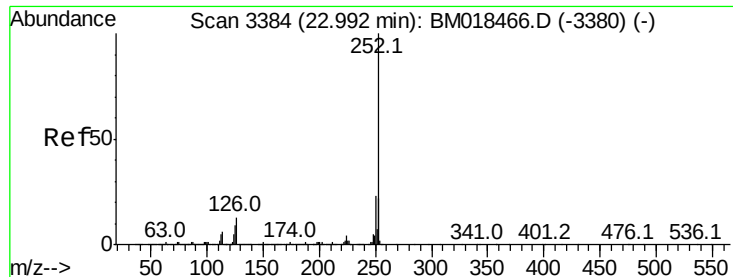
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#88
 Benzo(b)fluoranthene
 Concen: 39.762 ng
 RT: 22.92 min Scan# 3372
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.2	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 37.699 ng

RT: 22.97 min Scan# 3380

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

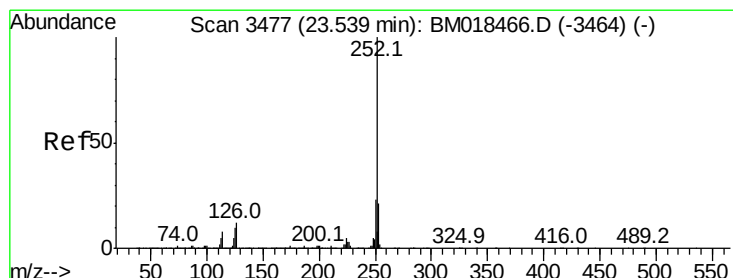
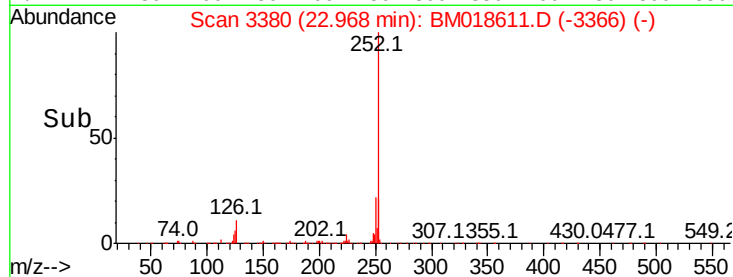
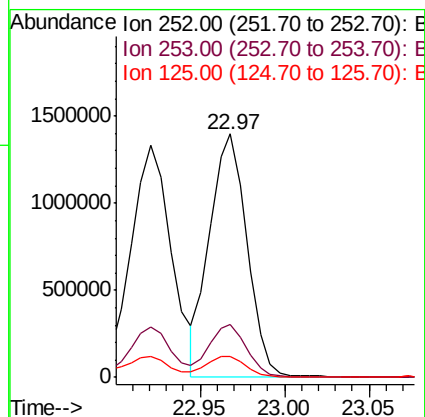
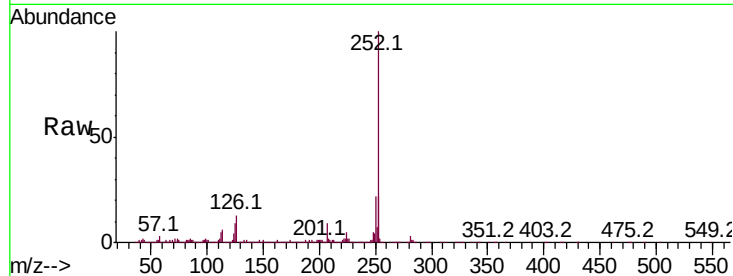
ClientSampleId :

PB116441BS

Tot Ion:	252	Resp:	2144803
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	8.7	8.6	12.8

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#90

Benzo(a)pyrene

Concen: 41.813 ng

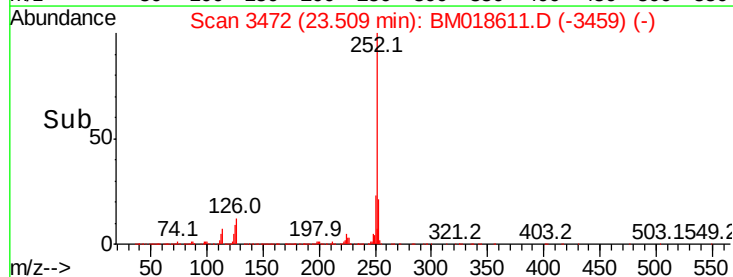
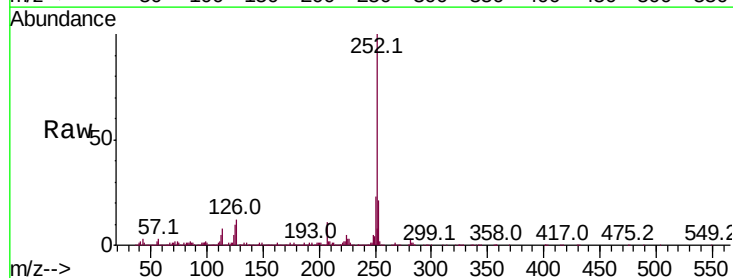
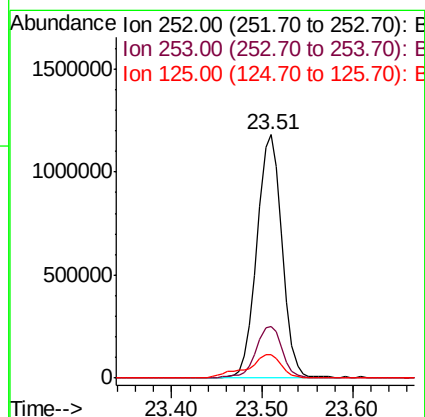
RT: 23.51 min Scan# 3472

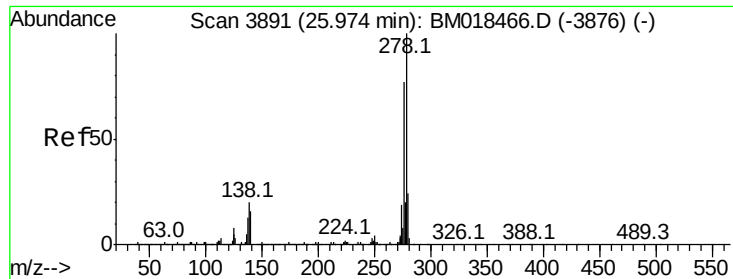
Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Tgt Ion:	252	Resp:	2259843
Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	9.6	9.7	14.5#





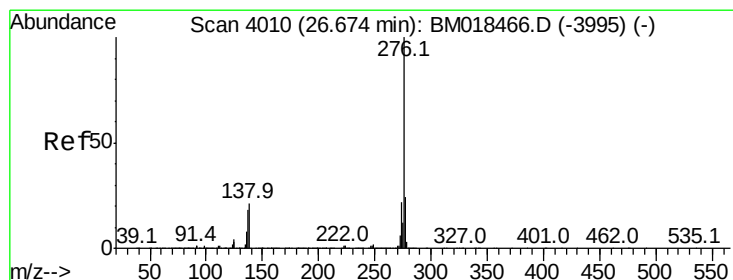
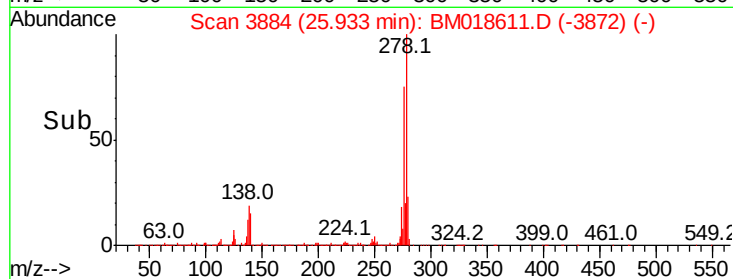
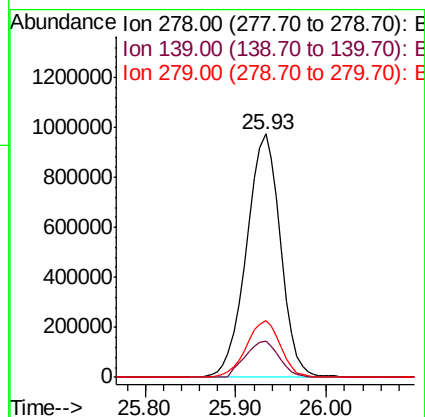
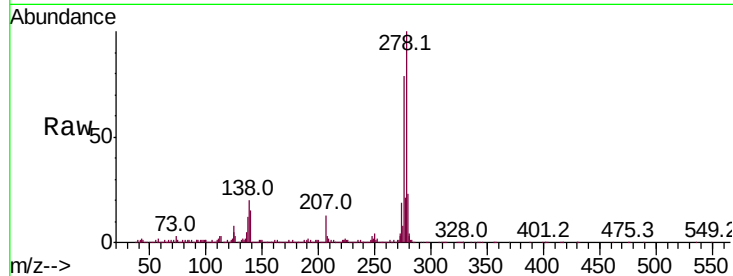
#91
Dibenzo(a,h)anthracene
Concen: 46.289 ng
RT: 25.93 min Scan# 3884
Delta R.T. -0.03 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.2	19.8
279	23.5	19.0	28.4

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#92
Benzo(g,h,i)perylene
Concen: 47.897 ng
RT: 26.63 min Scan# 4003
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	19.2	18.1	27.1

