

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018549.D
 Acq On : 11 Jan 2019 23:56
 Operator : JU/SJ
 Sample : PB116317BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116317BSD

Manual Integrations
 APPROVED

Sohil
 1/14/2019 4:43:11 PM

Quant Time: Jan 12 01:13:58 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	7.76	152	284039	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1252370	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	791062	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1981858	20.00	ng	0.00
76) Chrysene-d12	21.34	240	2509412	20.00	ng	0.00
87) Perylene-d12	23.63	264	2943723	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1947083	126.58	ng	0.00
7) Phenol-d6	6.93	99	2609596	133.57	ng	0.00
23) Nitrobenzene-d5	8.92	82	1511261	69.95	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1261618	125.25	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	4079684	67.29	ng	0.00
79) Terphenyl-d14	19.79	244	7707452	64.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	153236	24.441	ng	98
3) Pyridine	3.68	79	455085	29.114	ng	98
4) n-Nitrosodimethylamine	3.60	42	246553	38.145	ng	# 93
6) Aniline	7.09	93	309757	14.213	ng	97
8) 2-Chlorophenol	7.32	128	747375	41.600	ng	95
9) Benzaldehyde	6.91	77	204587	15.398	ng	98
10) Phenol	6.96	94	859794	43.307	ng	98
11) bis(2-Chloroethyl)ether	7.19	93	554336	35.534	ng	96
12) 1,3-Dichlorobenzene	7.64	146	719241	33.616	ng	99
13) 1,4-Dichlorobenzene	7.79	146	739536	34.103	ng	97
14) 1,2-Dichlorobenzene	8.10	146	714764	34.761	ng	99
15) Benzyl Alcohol	8.00	79	608658	43.132	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.27	45	698658	35.045	ng	95
17) 2-Methylphenol	8.20	107	602570	44.713	ng	98
18) Hexachloroethane	8.82	117	262664	33.971	ng	97
19) n-Nitroso-di-n-propylamine	8.56	70	476914	37.509	ng	92
20) 3+4-Methylphenols	8.53	107	826645	44.434	ng	99
22) Acetophenone	8.58	105	982533	31.715	ng	# 97
24) Nitrobenzene	8.96	77	727092	34.206	ng	96
25) Isophorone	9.48	82	1332241	40.724	ng	97
26) 2-Nitrophenol	9.67	139	399719	38.890	ng	96
27) 2,4-Dimethylphenol	9.72	122	687810	44.646	ng	97
28) bis(2-Chloroethoxy)methane	9.96	93	811597	35.913	ng	99
29) 2,4-Dichlorophenol	10.20	162	755209	41.168	ng	98
30) 1,2,4-Trichlorobenzene	10.40	180	739161	32.463	ng	98
31) Naphthalene	10.60	128	2221619	36.834	ng	98
32) Benzoic acid	9.86	122	490683m	47.400	ng	
33) 4-Chloroaniline	10.72	127	259065	10.906	ng	99
34) Hexachlorobutadiene	10.86	225	436079	30.315	ng	99
35) Caprolactam	11.52	113	249936m	40.073	ng	
36) 4-Chloro-3-methylphenol	11.85	107	818115	42.509	ng	98
37) 2-Methylnaphthalene	12.21	142	1693868	39.749	ng	99
38) 1-Methylnaphthalene	12.43	142	1619879	39.286	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	881658	31.871	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	1046425	68.924	ng	99
43) 2,4,6-Trichlorophenol	12.83	196	645141	38.404	ng	99
44) 2,4,5-Trichlorophenol	12.90	196	712103	40.306	ng	98
46) 1,1'-Biphenyl	13.23	154	2223167	32.186	ng	98
47) 2-Chloronaphthalene	13.27	162	1731872	32.334	ng	99
48) 2-Nitroaniline	13.49	65	501342	38.045	ng	95
49) Acenaphthylene	14.13	152	2926345	37.490	ng	100
50) Dimethylphthalate	13.86	163	2346304	36.115	ng	99
51) 2,6-Dinitrotoluene	13.99	165	525928	38.217	ng	94
52) Acenaphthene	14.47	154	1672563	35.020	ng	98
53) 3-Nitroaniline	14.33	138	216070	15.574	ng	94
54) 2,4-Dinitrophenol	14.53	184	576748	77.650	ng	92
55) Dibenzofuran	14.80	168	2773661	35.148	ng	98
56) 4-Nitrophenol	14.64	139	1039639	86.740	ng	95
57) 2,4-Dinitrotoluene	14.78	165	773876	39.745	ng	96
58) Fluorene	15.46	166	2275197	38.704	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	671901	42.906	ng	97
60) Diethylphthalate	15.23	149	2453352	37.407	ng	100
61) 4-Chlorophenyl-phenylether	15.45	204	1166690	34.435	ng	98
62) 4-Nitroaniline	15.49	138	559983	37.004	ng	99
63) Azobenzene	15.74	77	1923809	35.977	ng	96
65) 4,6-Dinitro-2-methylphenol	15.54	198	407341	34.016	ng	86
66) n-Nitrosodiphenylamine	15.67	169	2060247	33.513	ng	99
67) 4-Bromophenyl-phenylether	16.34	248	725195	32.699	ng	98
68) Hexachlorobenzene	16.45	284	820628	33.052	ng	98
69) Atrazine	16.62	200	810267	36.458	ng	97
70) Pentachlorophenol	16.80	266	1141519	70.202	ng	99
71) Phenanthrene	17.20	178	3889211	36.894	ng	100
72) Anthracene	17.29	178	3951698	38.984	ng	100
73) Carbazole	17.56	167	3773593	36.234	ng	100
74) Di-n-butylphthalate	18.12	149	4432092	38.852	ng	99
75) Fluoranthene	19.22	202	4938626	40.635	ng	98
77) Benzidine	19.41	184	2061849	33.277	ng	99
78) Pyrene	19.58	202	5235377	35.197	ng	100
80) Butylbenzylphthalate	20.48	149	2314580	36.467	ng	98
81) Benzo(a)anthracene	21.33	228	5594139	37.841	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	1078887	19.299	ng	100
83) Chrysene	21.39	228	5225767	36.606	ng	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	3326793	36.298	ng	99
85) Di-n-octyl phthalate	22.14	149	6122112	39.715	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.95	276	7953946	48.319	ng	97
88) Benzo(b)fluoranthene	22.94	252	6115387	36.592	ng	99
89) Benzo(k)fluoranthene	22.99	252	5988155	35.554	ng	98
90) Benzo(a)pyrene	23.53	252	6156861	38.482	ng	98
91) Dibenzo(a,h)anthracene	25.97	278	6647125	41.003	ng	98
92) Benzo(g,h,i)perylene	26.66	276	6630751	42.031	ng	97

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

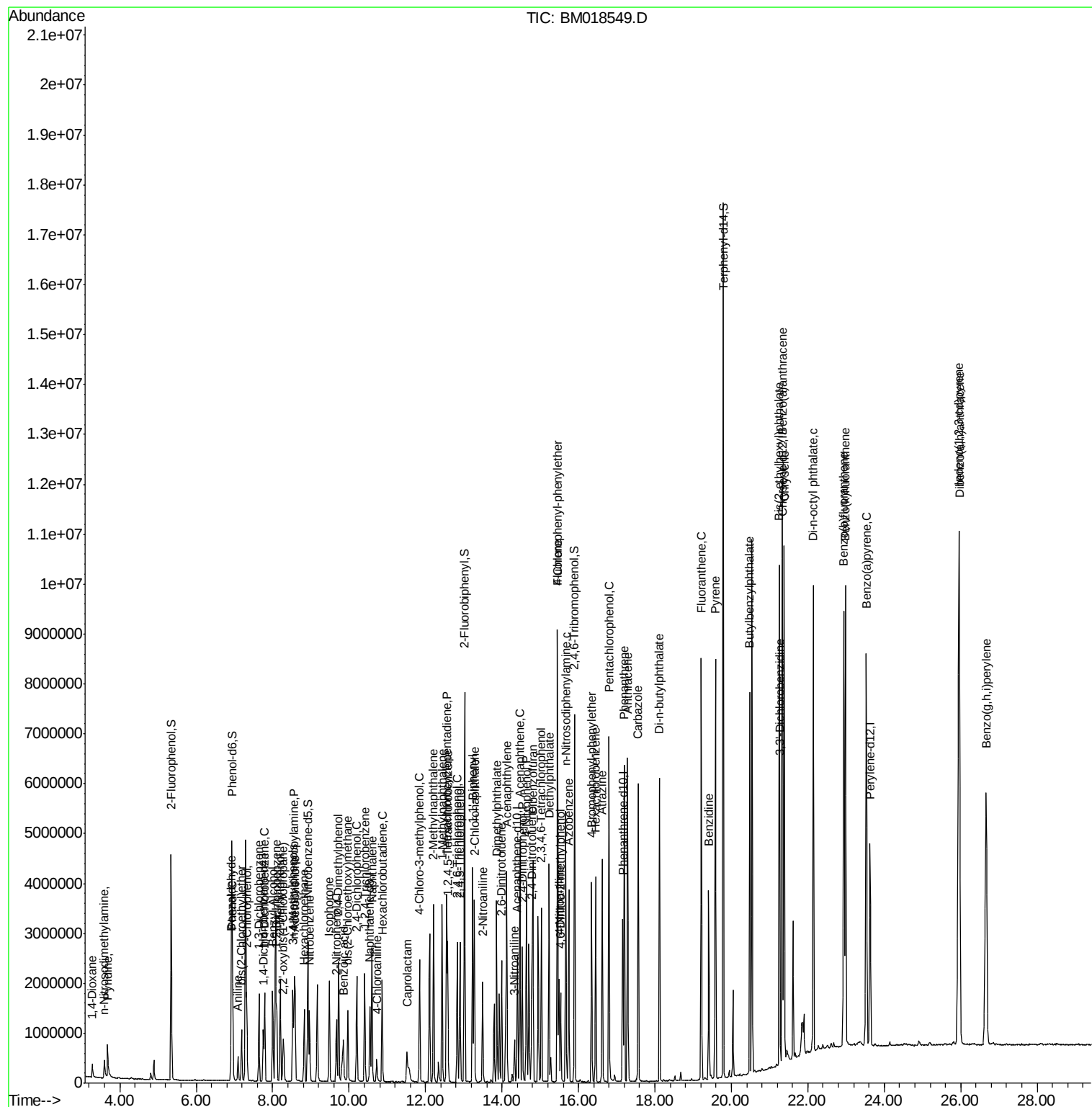
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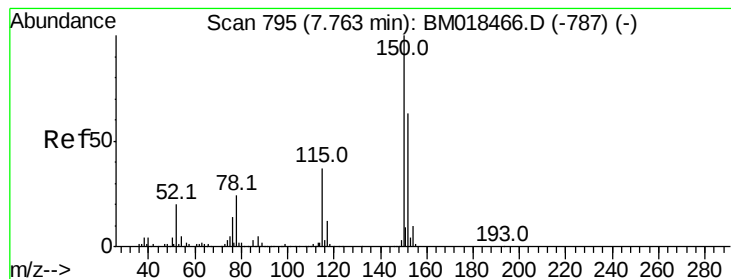
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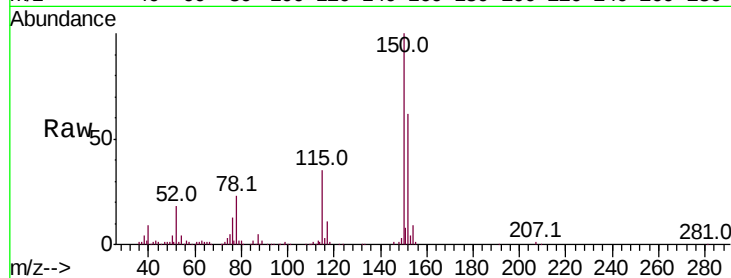
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Instrument :
 BNA_M
 ClientSampleId :
 PB116317BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	126.9	190.3
115	55.8	45.5	68.3

Manual Integrations
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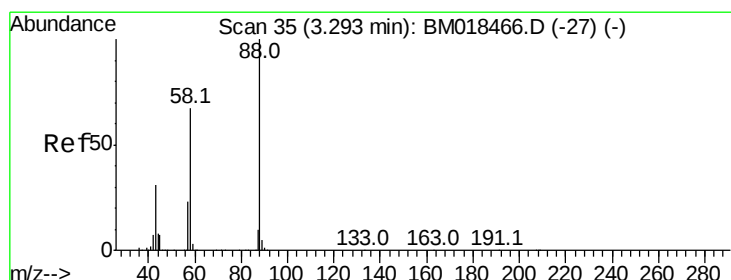
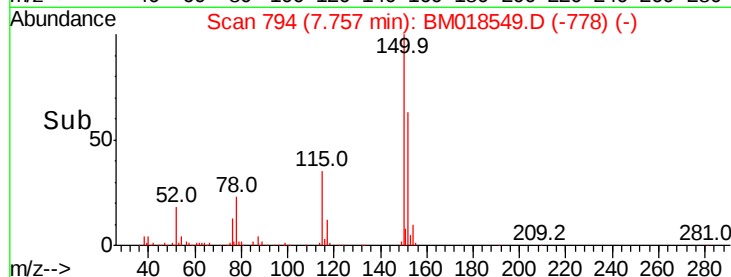
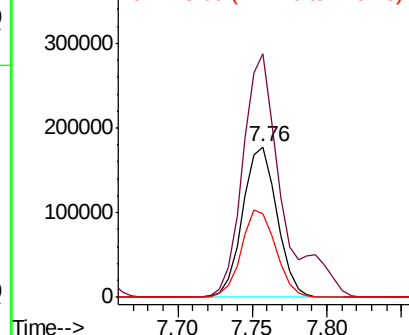


Abundance

Ion 152.00 (151.70 to 152.70): E

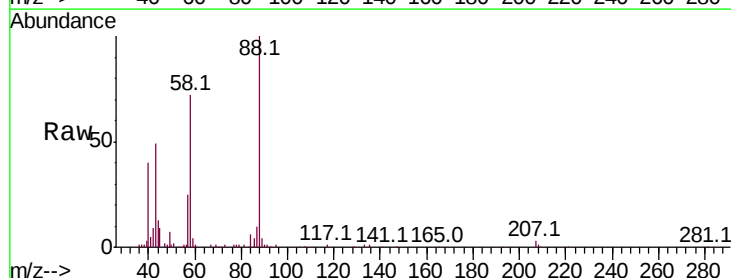
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 24.441 ng
 RT: 3.28 min Scan# 33
 Delta R.T. -0.01 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.2	58.4	87.6
43	30.1	26.2	39.4

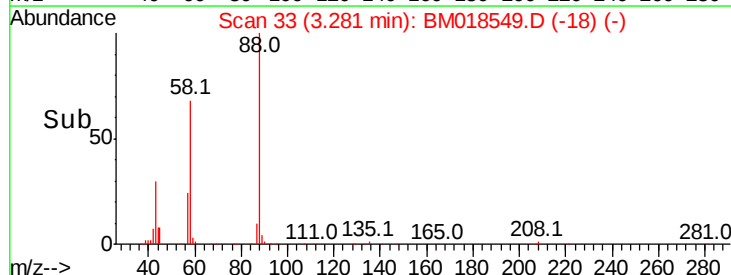
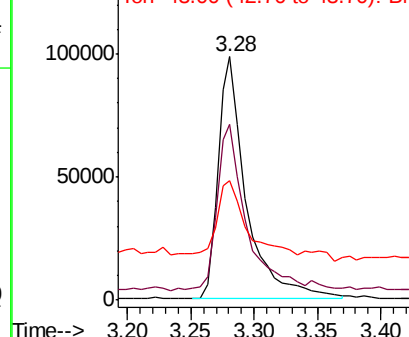


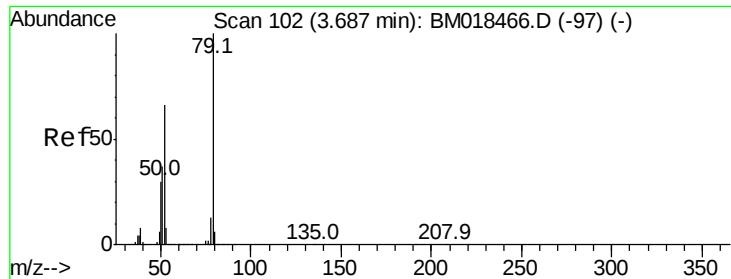
Abundance

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





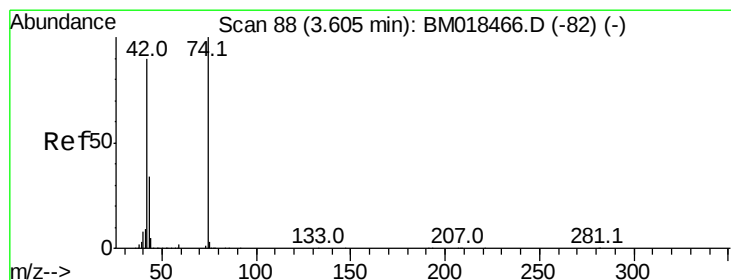
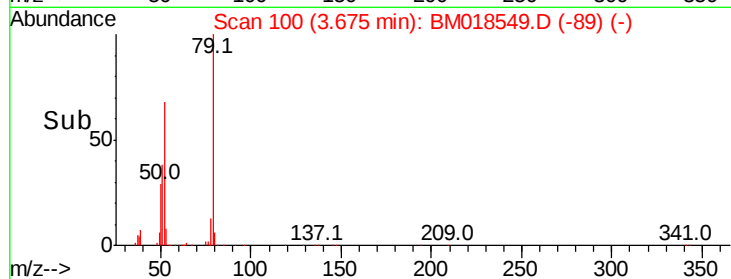
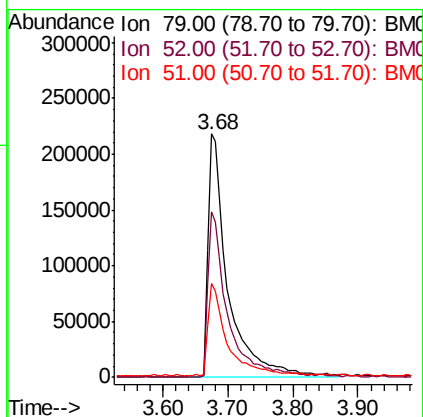
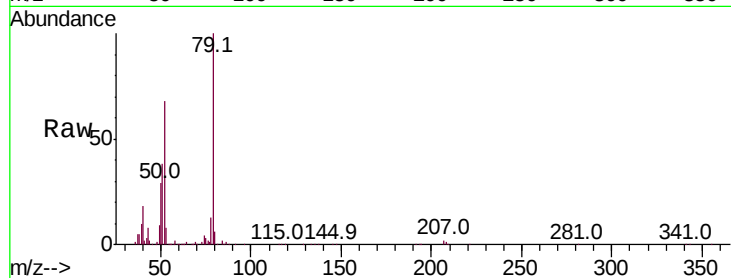
#3
 Pvridine
 Concen: 29.114 ng
 RT: 3.68 min Scan# 100
 Delta R.T. -0.04 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Instrument :
 BNA_M
 ClientSampleId :
 PB116317BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.9	56.4	84.6
51	38.5	31.0	46.4

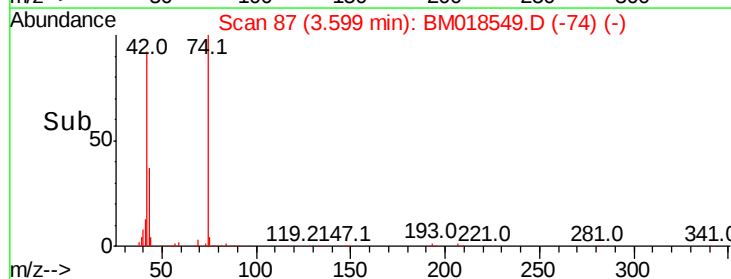
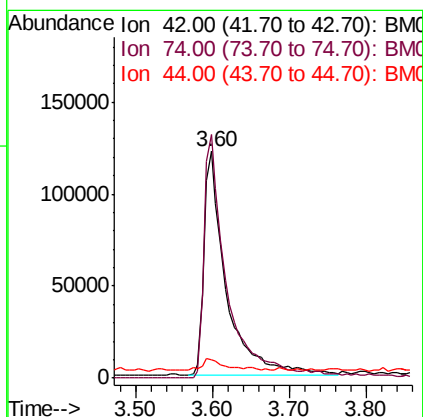
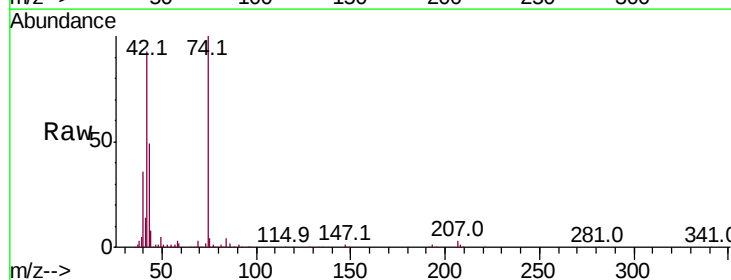
Manual Integrations
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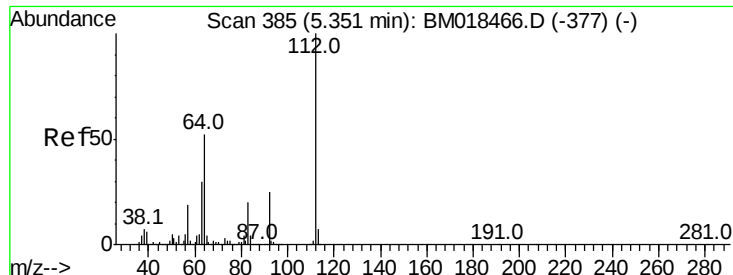
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#4
 n-Nitrosodimethylamine
 Concen: 38.145 ng
 RT: 3.60 min Scan# 87
 Delta R.T. -0.02 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.6	88.6	132.8
44	8.2	16.9	25.3





#5

2-Fluorophenol

Concen: 126.577 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

PB116317BSD

Tot Ion: 112 Resp: 1947083

Ion Ratio Lower Upper

112 100

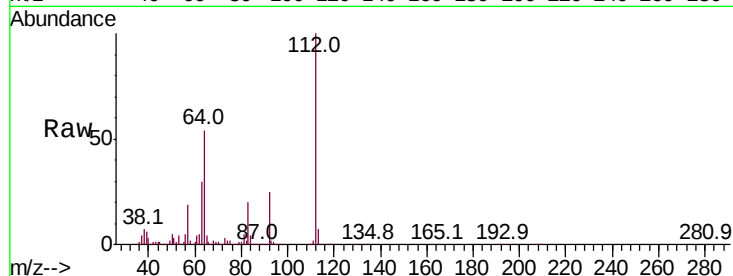
64 53.9 46.5 69.7

63 30.2 25.2 37.8

Manual Integrations
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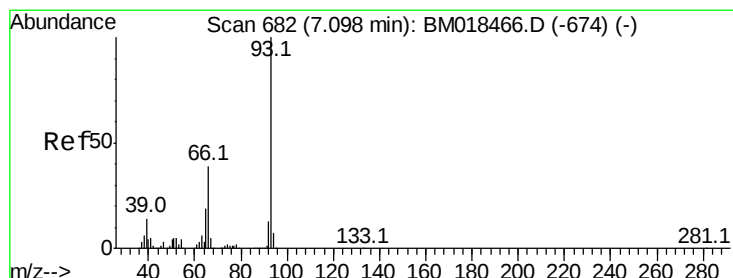
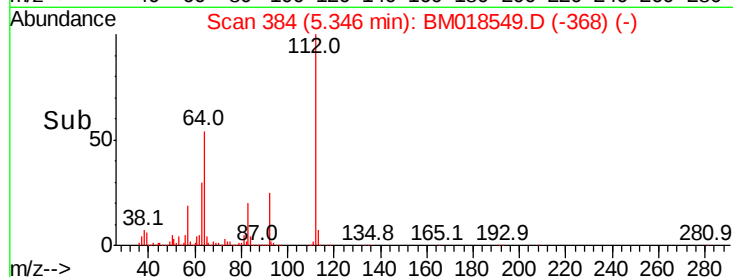
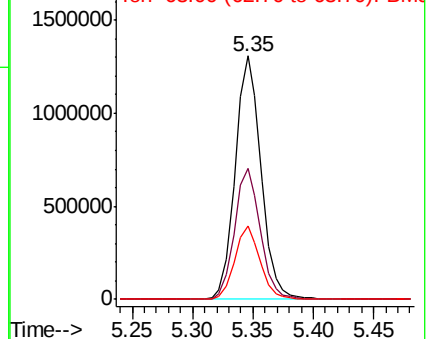
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 14.213 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.02 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

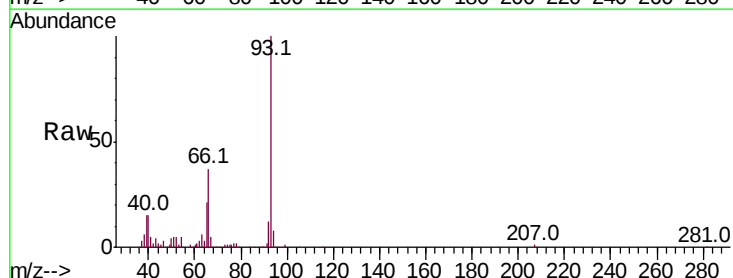
Tgt Ion: 93 Resp: 309757

Ion Ratio Lower Upper

93 100

66 37.0 31.7 47.5

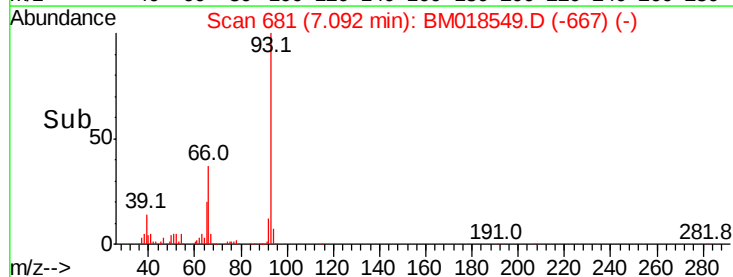
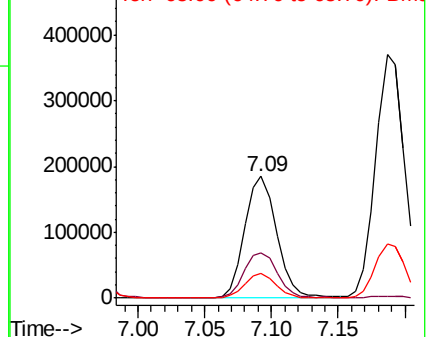
65 20.7 15.9 23.9

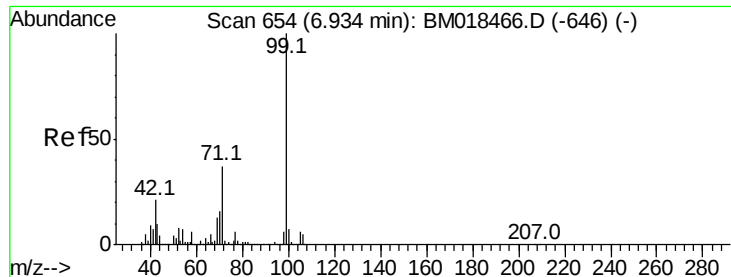


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 133.567 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

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Tot Ion: 99 Resp: 2609596

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

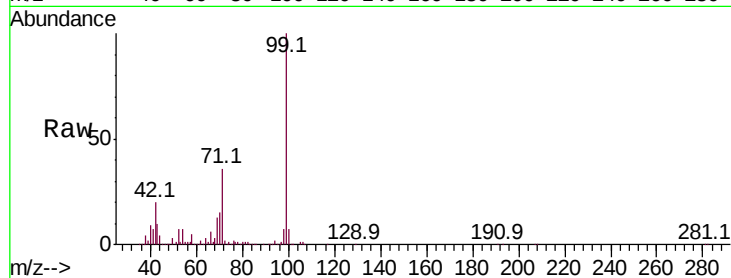
71 36.1 28.0 42.0

Manual Integrations

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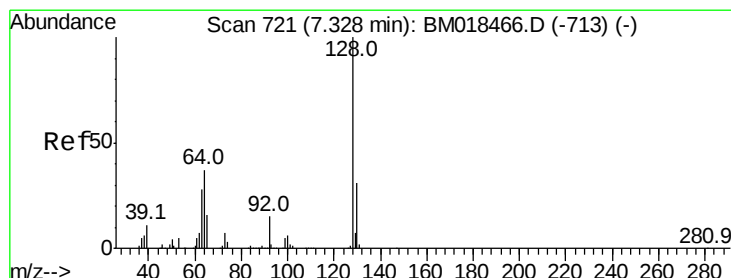
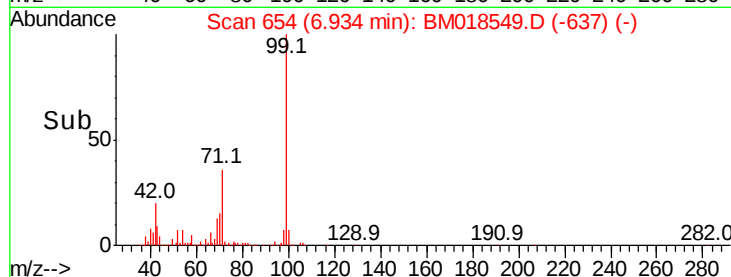
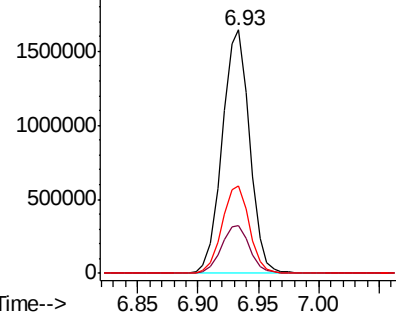
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Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 41.600 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

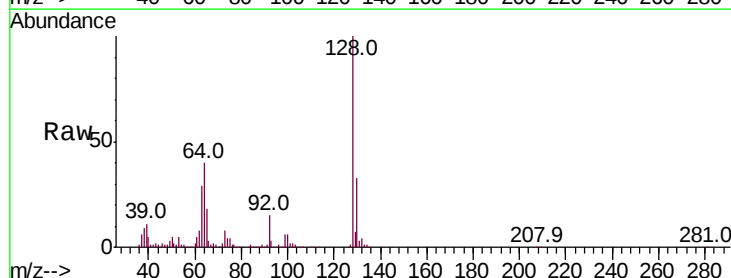
Tgt Ion: 128 Resp: 747375

Ion Ratio Lower Upper

128 100

130 32.7 13.6 53.6

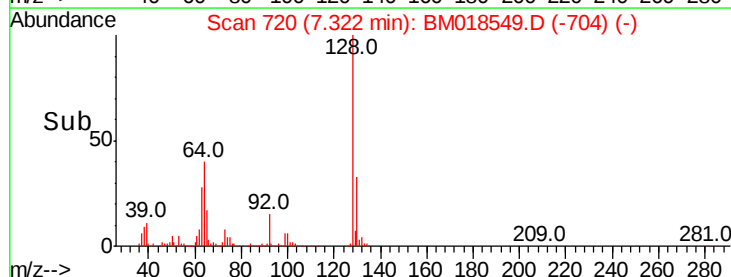
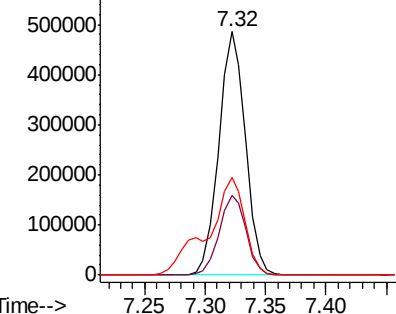
64 40.1 24.8 64.8

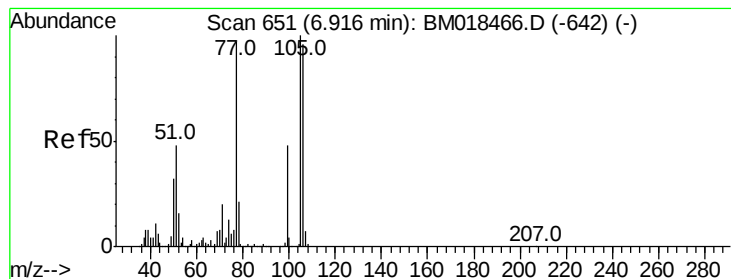


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 15.398 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

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Tot Ion: 77 Resp: 204587

Ion Ratio Lower Upper

77 100

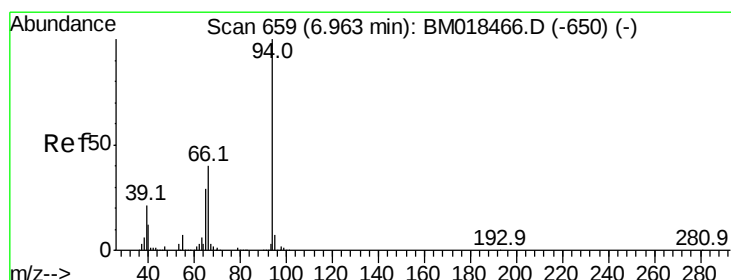
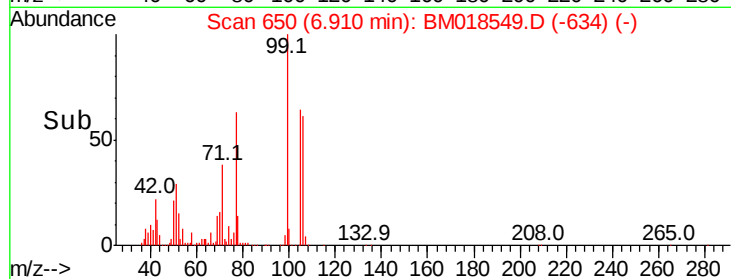
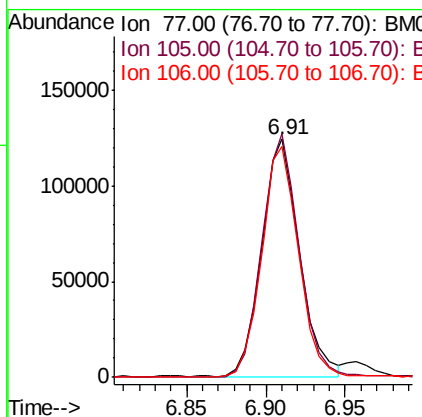
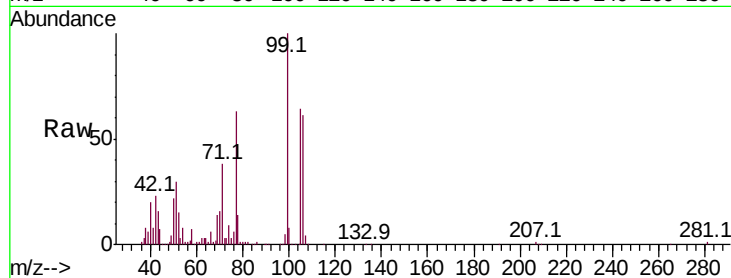
105 102.2 79.7 119.7

106 96.6 75.2 115.2

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#10

Phenol

Concen: 43.307 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

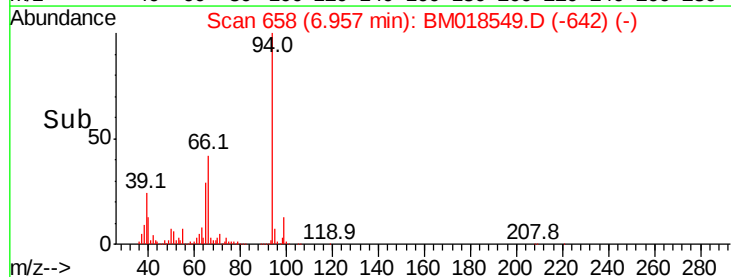
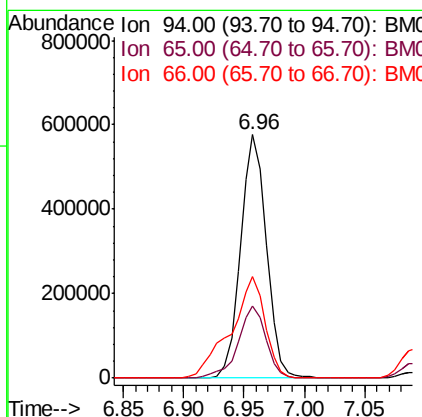
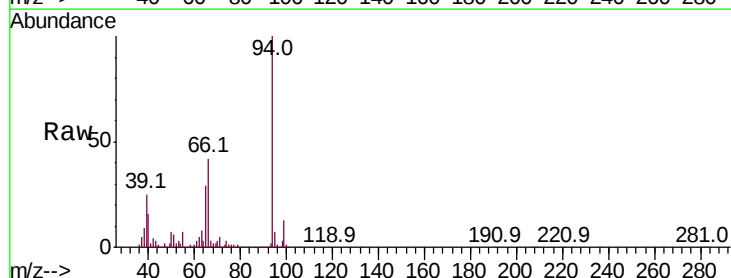
Tgt Ion: 94 Resp: 859794

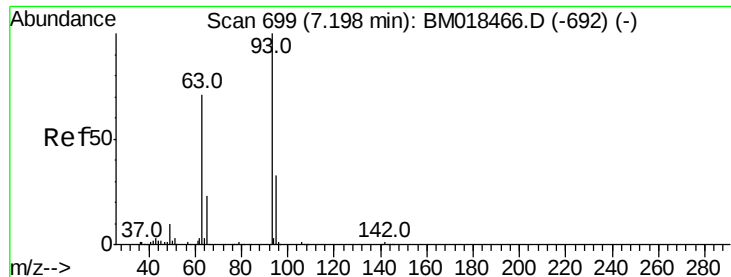
Ion Ratio Lower Upper

94 100

65 29.4 9.4 49.4

66 41.7 19.1 59.1





#11

bis(2-Chloroethyl)ether

Concen: 35.534 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

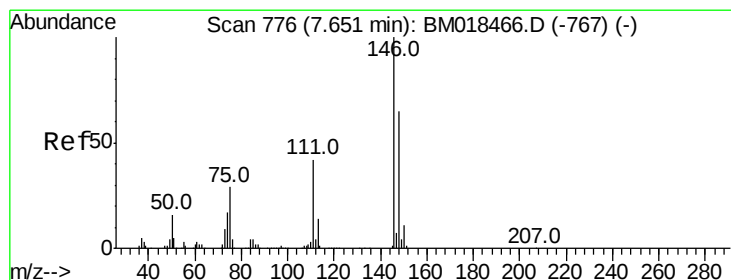
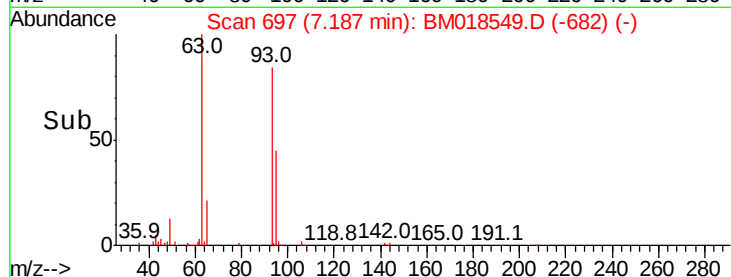
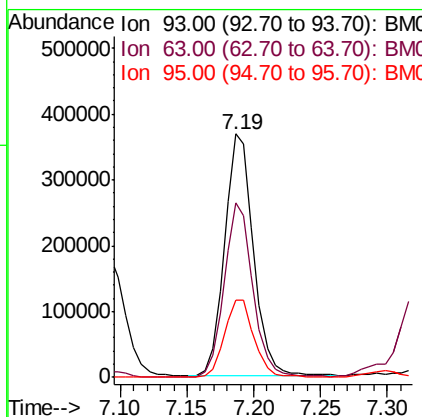
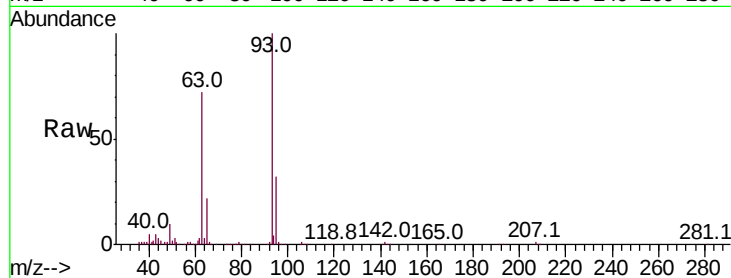
ClientSampleId :

PB116317BSD

Tot Ion:	93	Resp:	554336
Ion Ratio	Lower	Upper	
93	100		
63	71.7	56.4	96.4
95	31.6	12.7	52.7

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#12

1,3-Dichlorobenzene

Concen: 33.616 ng

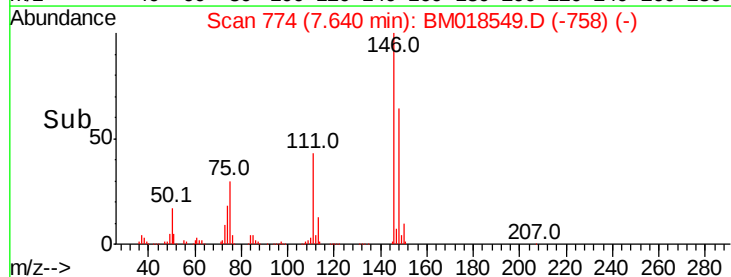
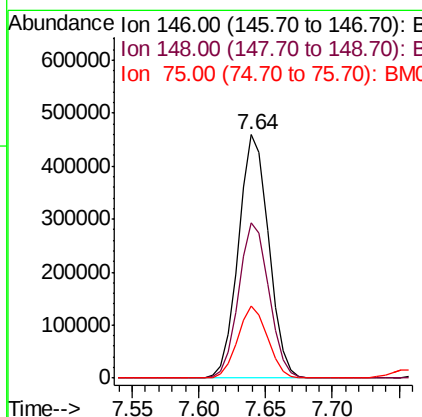
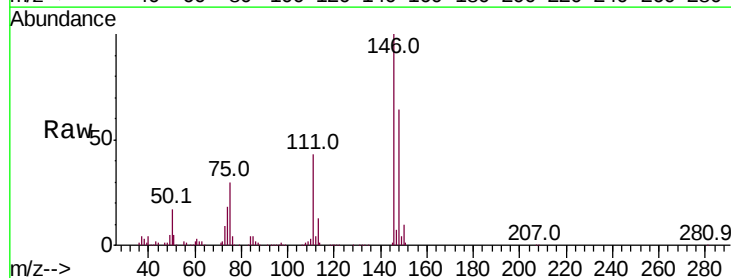
RT: 7.64 min Scan# 774

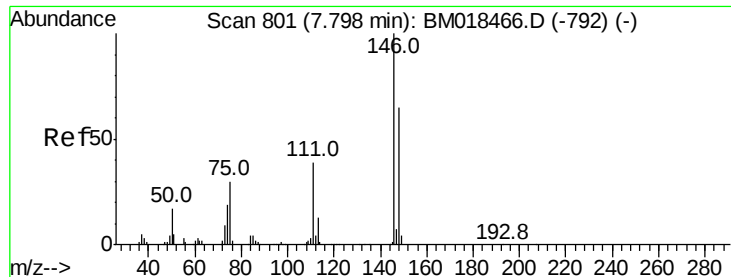
Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Tgt Ion:	146	Resp:	719241
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.5	75.7
75	29.8	23.0	34.6





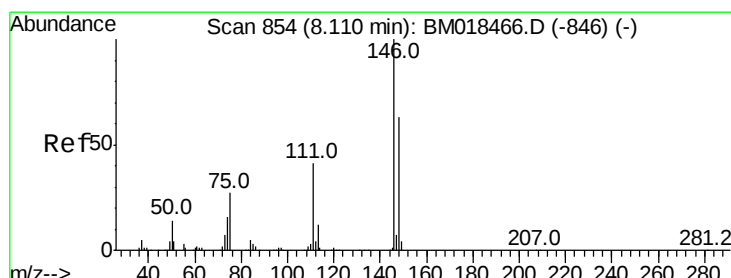
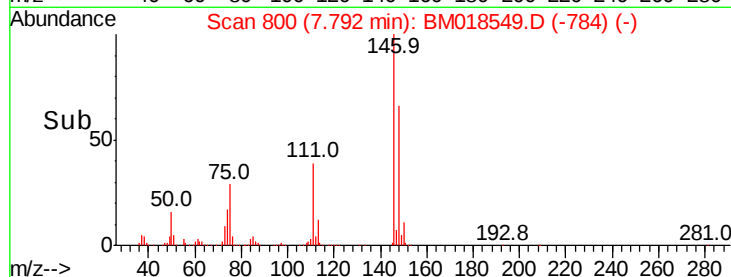
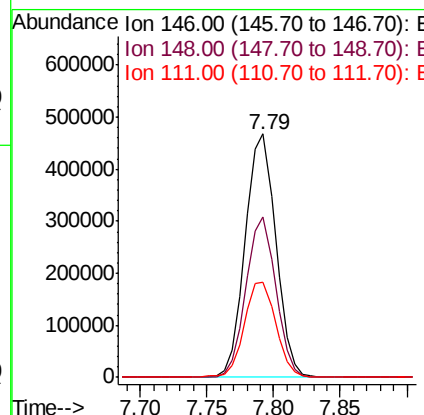
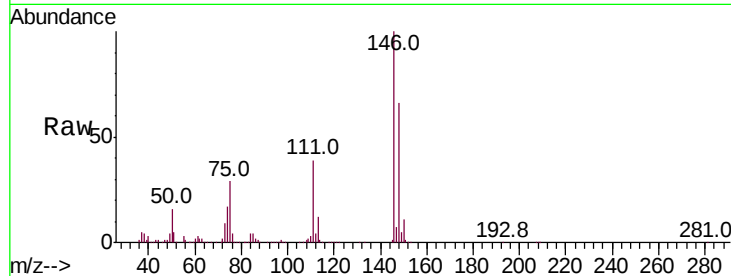
#13
1,4-Dichlorobenzene
Concen: 34.103 ng
RT: 7.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :
PB116317BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.8	76.2
111	38.9	32.2	48.2

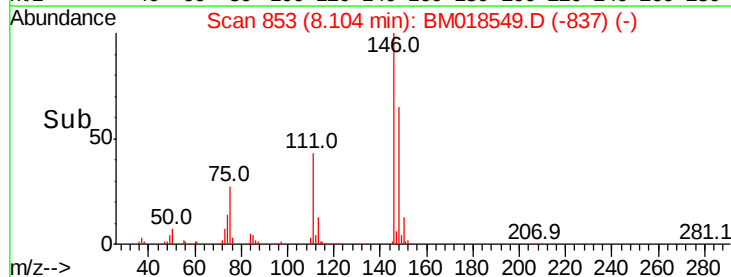
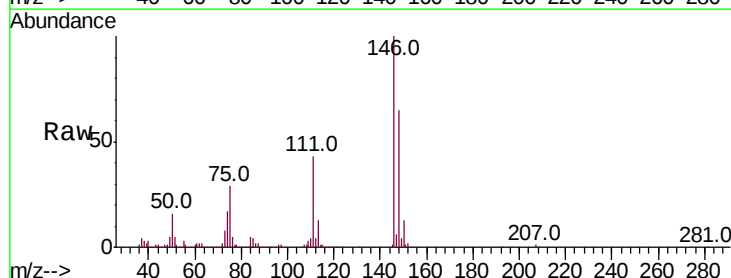
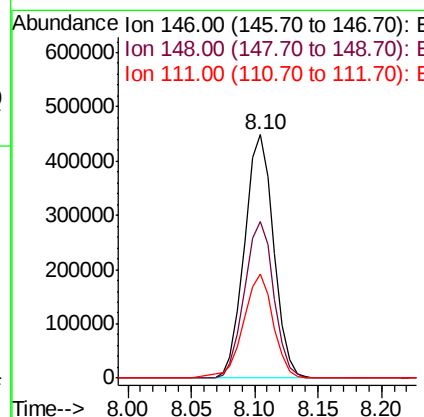
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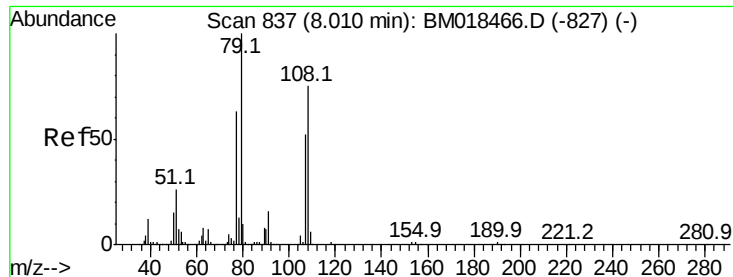
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#14
1,2-Dichlorobenzene
Concen: 34.761 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.6
111	42.9	33.8	50.6





#15

Benzyl Alcohol

Concen: 43.132 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

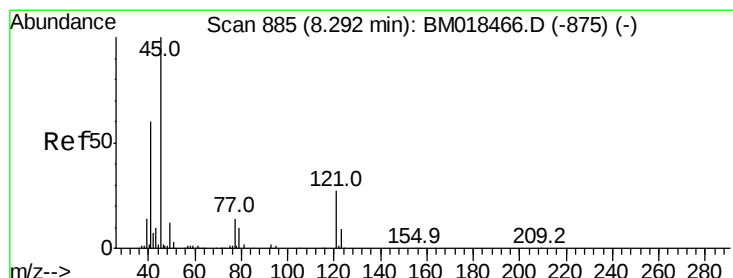
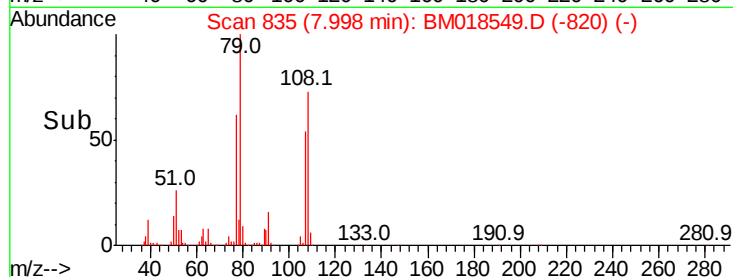
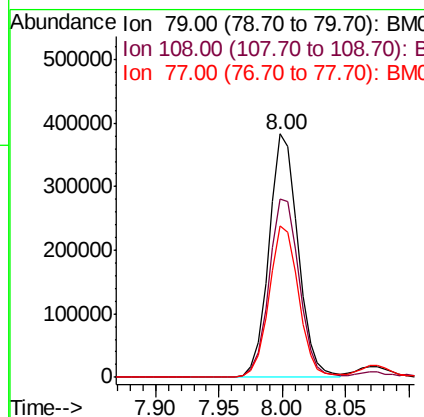
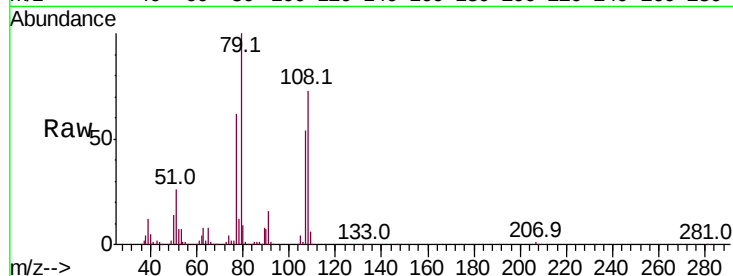
ClientSampled :

PB116317BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.2	60.4	90.6
77	62.1	53.4	80.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.045 ng

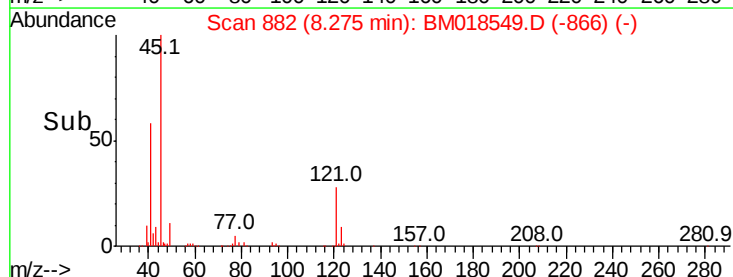
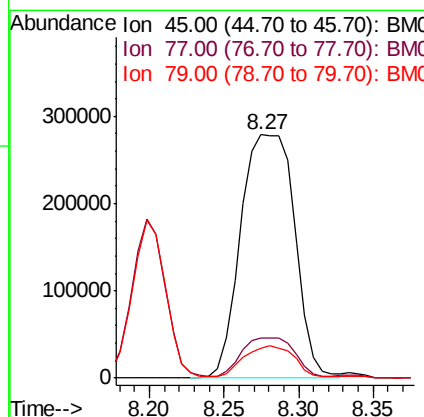
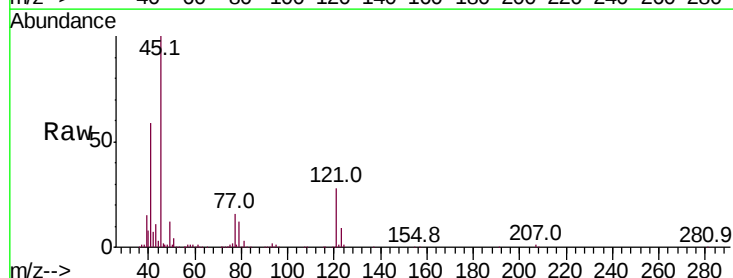
RT: 8.27 min Scan# 882

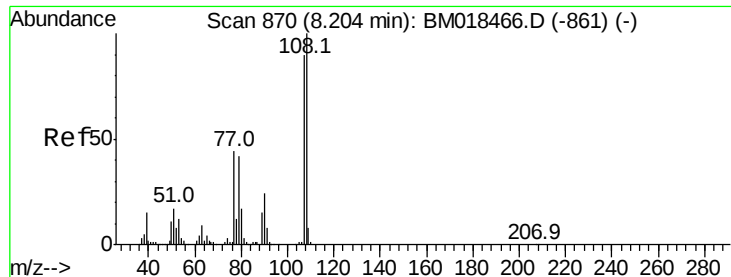
Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	33.4
79	12.3	0.0	31.1





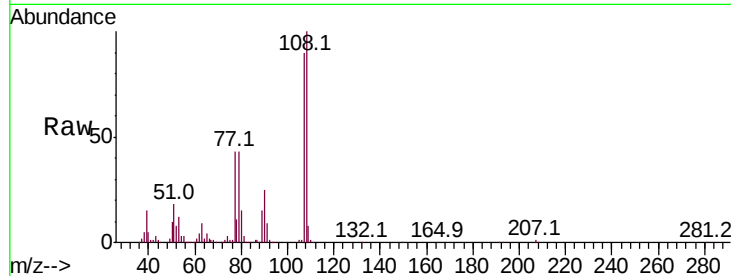
#17
2-Methylphenol
Concen: 44.713 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :
PB116317BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.6	87.5	131.3	
77	47.8	37.3	55.9	
79	47.6	36.4	54.6	

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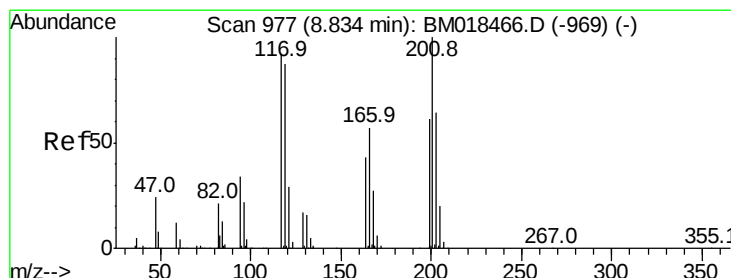
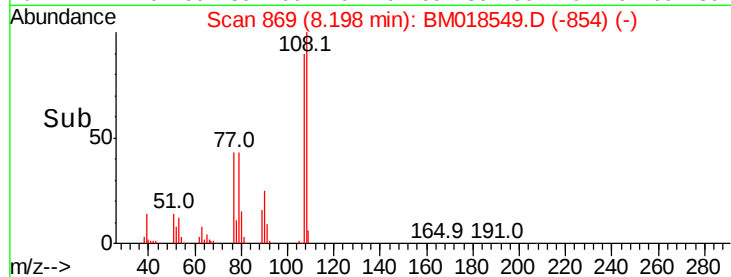
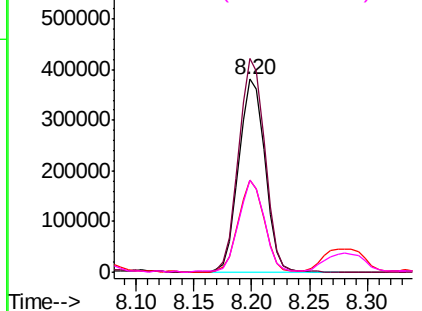
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 33.971 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

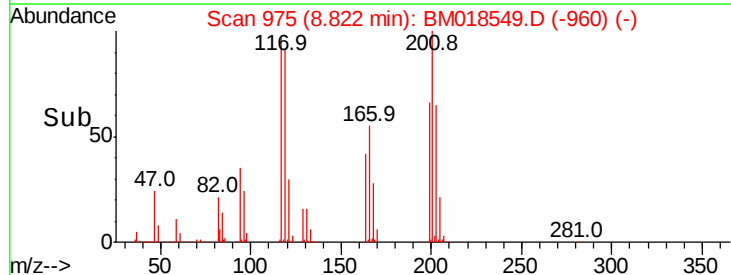
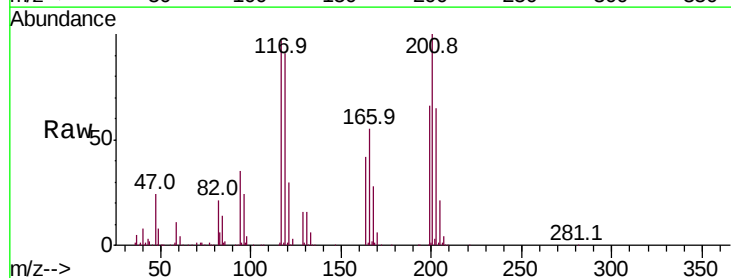
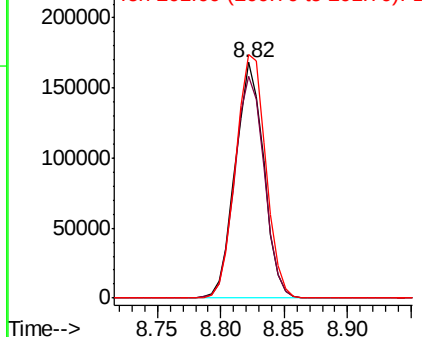
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	78.3	117.5	
201	103.4	81.4	122.0	

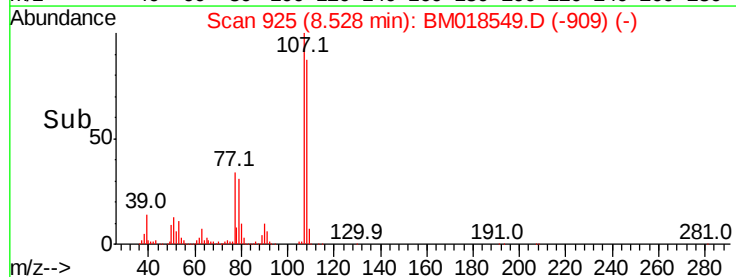
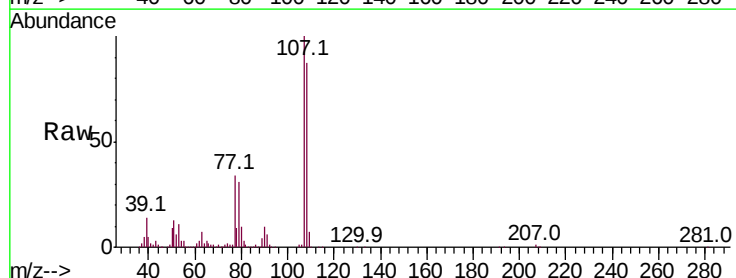
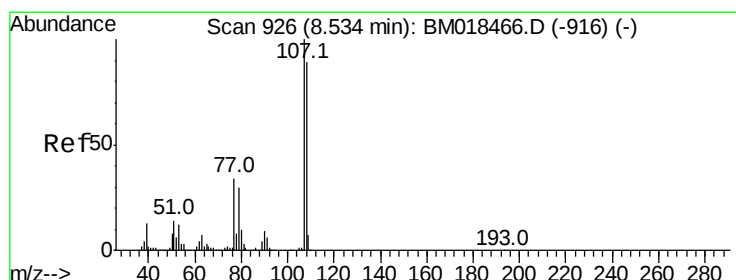
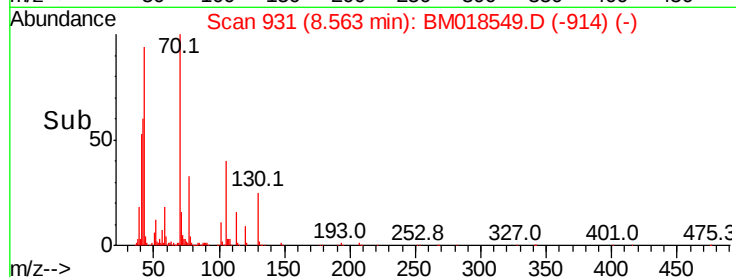
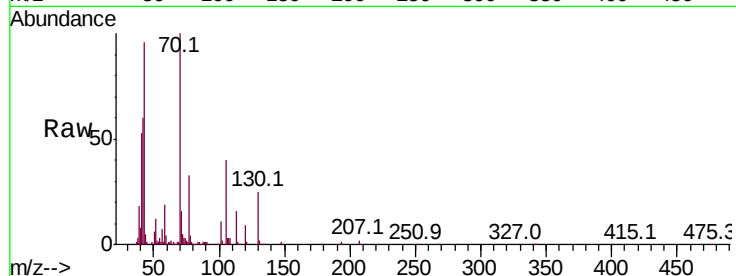
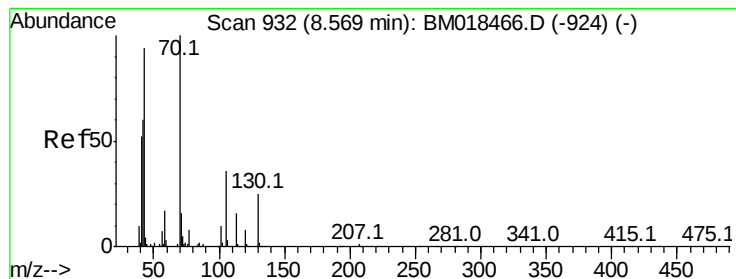
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.509 ng

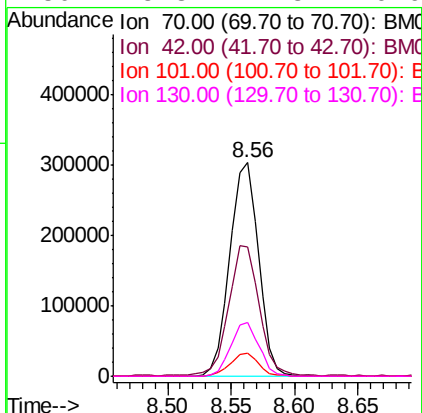
RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.5	54.0	81.0
101	10.9	8.1	12.1
130	25.3	17.8	26.6



Instrument :

BNA_M

ClientSampleId :

PB116317BSD

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#20

3+4-Methylphenols

Concen: 44.434 ng

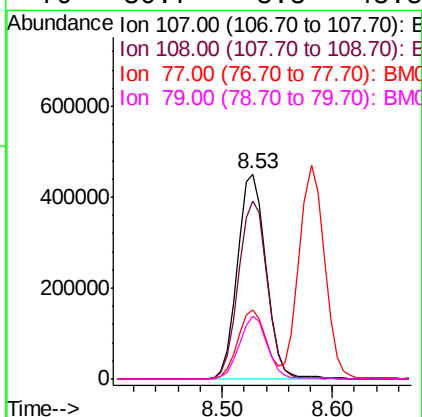
RT: 8.53 min Scan# 925

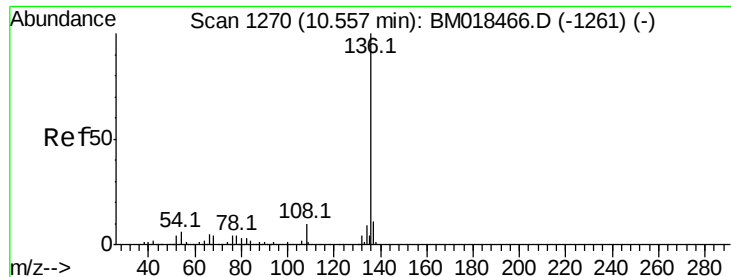
Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	66.8	106.8
77	33.7	13.3	53.3
79	30.7	8.8	48.8





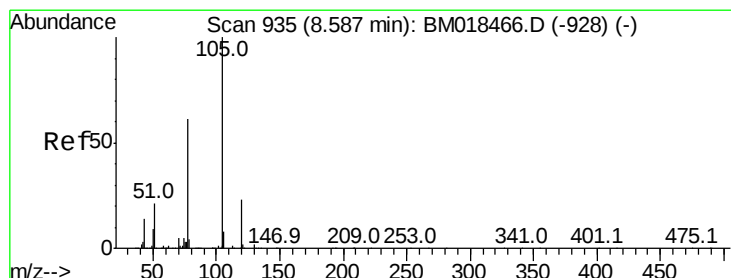
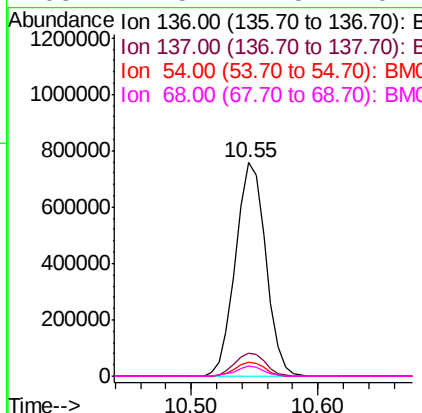
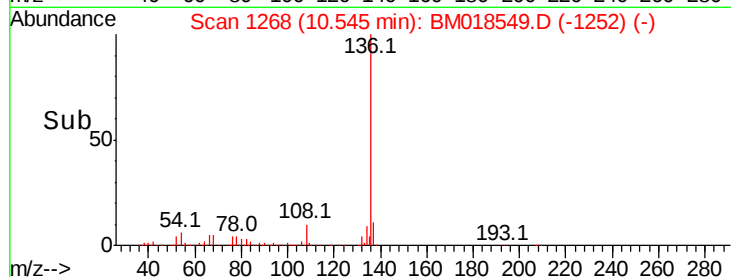
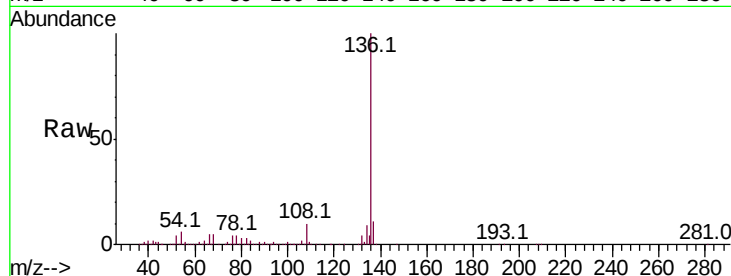
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :
PB116317BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.5	6.0	9.0
68	4.5	4.5	6.7

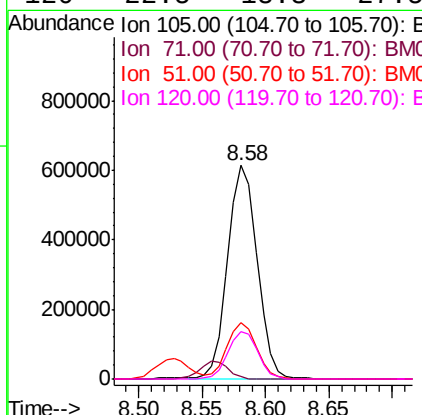
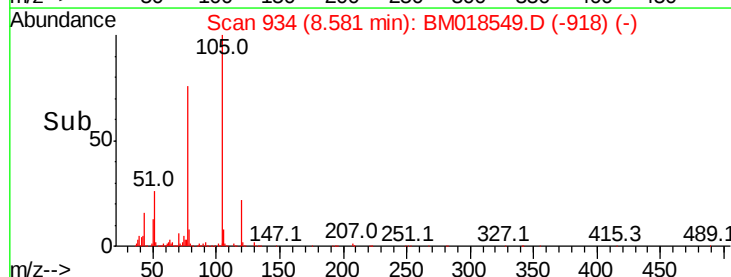
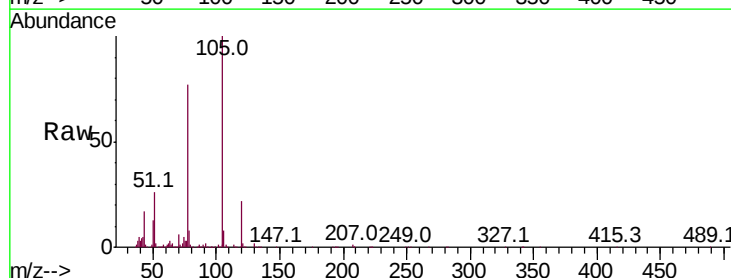
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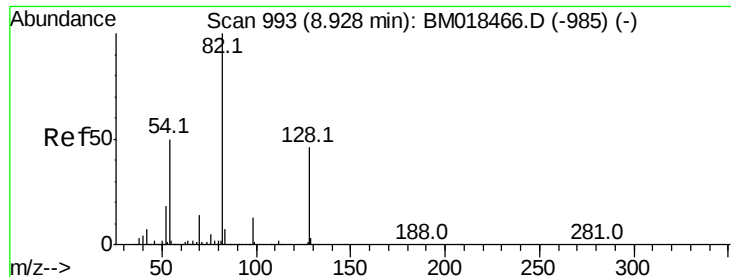
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#22
Acetophenone
Concen: 31.715 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.7	2.5#
51	26.3	22.6	34.0
120	22.5	18.3	27.5





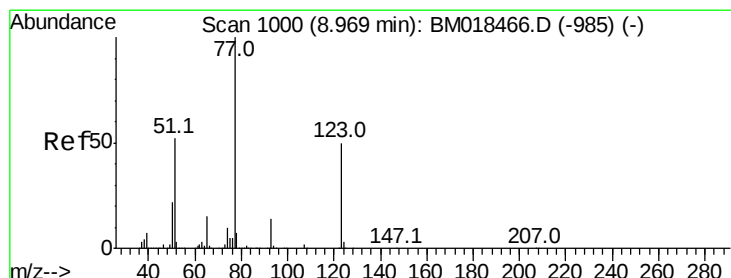
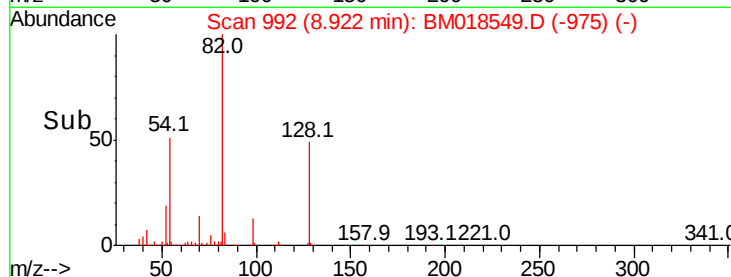
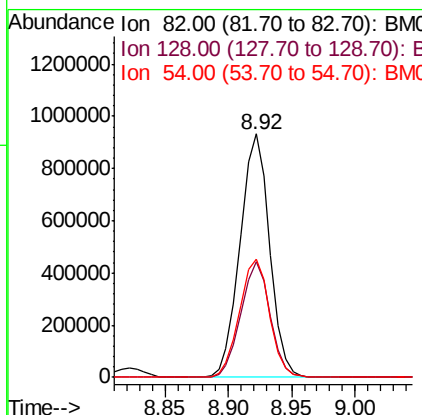
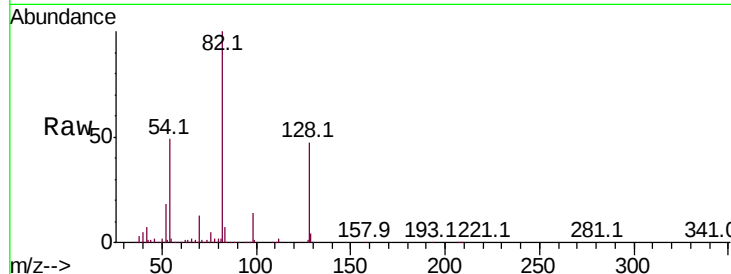
#23
Nitrobenzene-d5
Concen: 69.955 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :
PB116317BSD

Tot Ion	82	Resp	1511261
Ion Ratio	100	Lower	Upper
82	100		
128	47.3	36.3	54.5
54	48.8	41.7	62.5

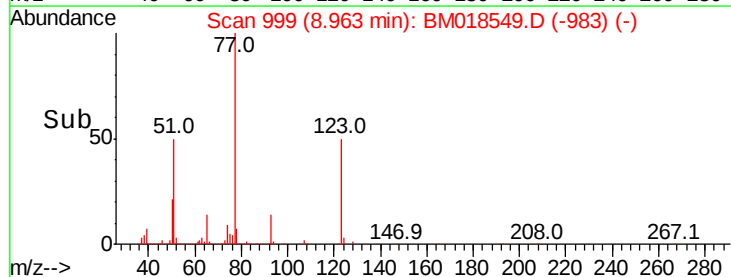
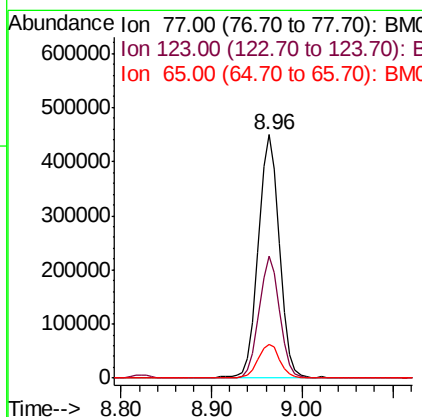
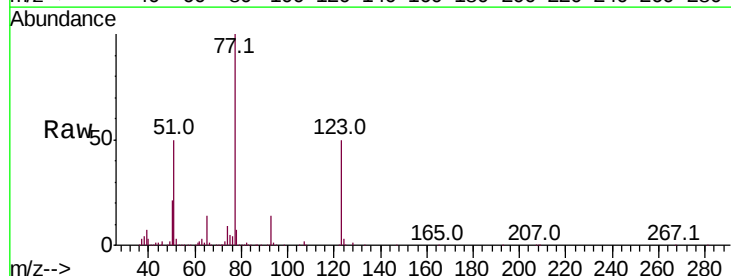
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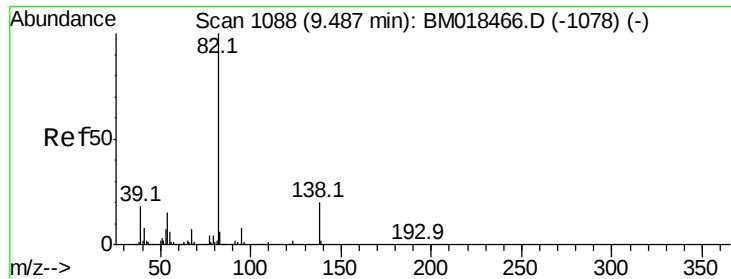
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#24
Nitrobenzene
Concen: 34.206 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	77	Resp	727092
Ion Ratio	100	Lower	Upper
77	100		
123	50.0	37.7	56.5
65	14.1	11.0	16.6





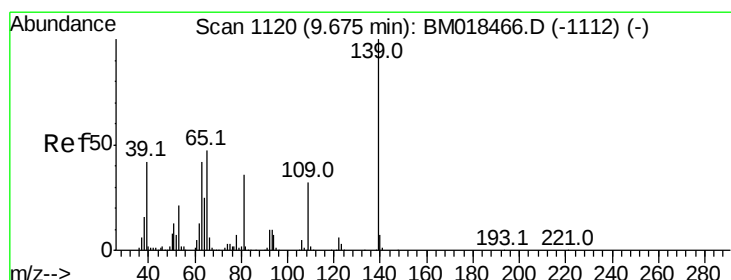
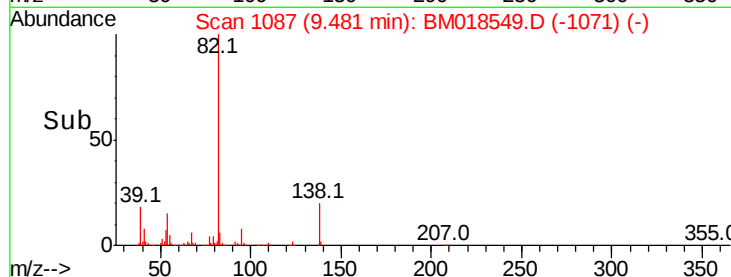
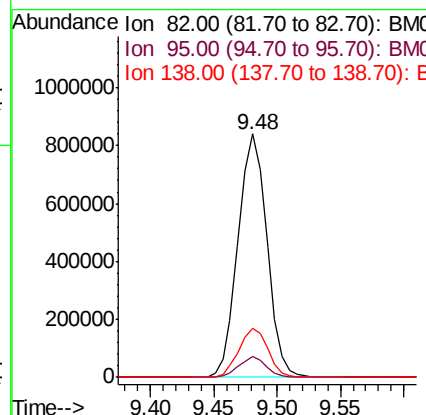
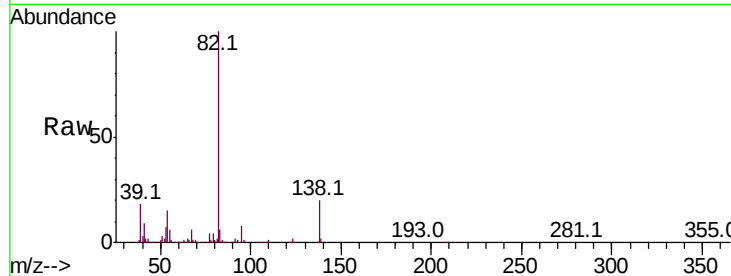
#25
Isophorone
Concen: 40.724 ng
RT: 9.48 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampled :
PB116317BSD

Tot Ion	82	Resp	1332241
Ion Ratio	100	Lower	Upper
82	100		
95	8.4	6.1	9.1
138	20.4	15.1	22.7

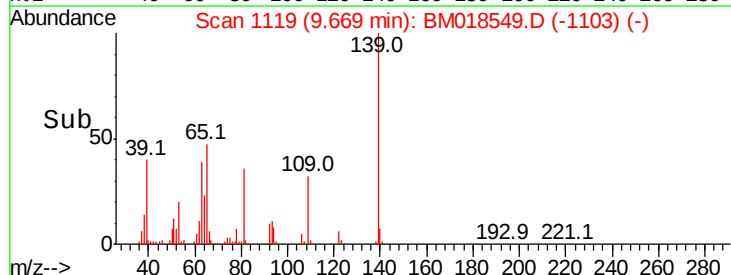
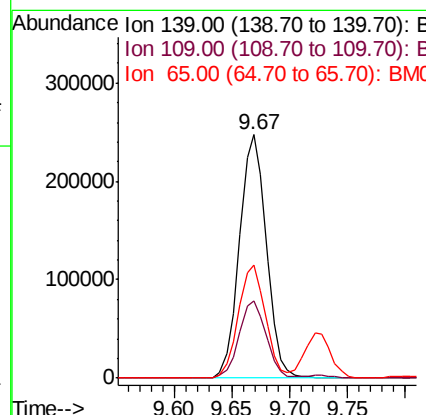
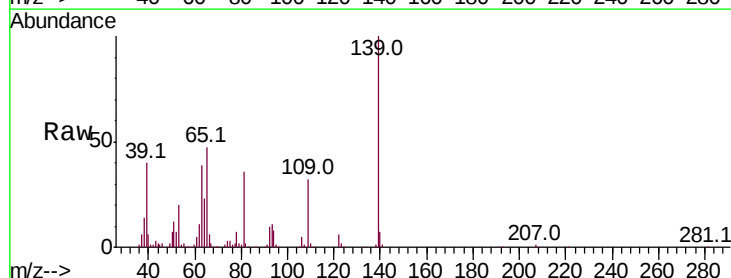
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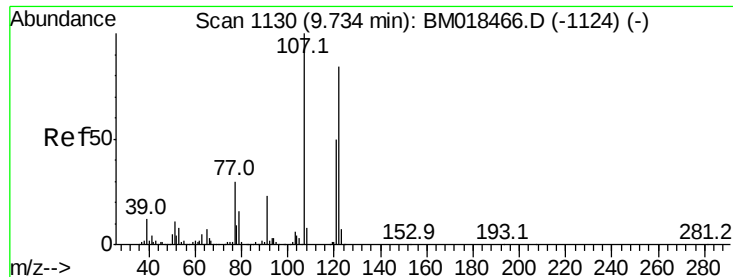
Sohil
1/14/2019 4:43:11 PM



#26
2-Nitrophenol
Concen: 38.890 ng
RT: 9.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	139	Resp	399719
Ion Ratio	100	Lower	Upper
139	100		
109	31.6	23.4	35.2
65	46.6	39.4	59.2





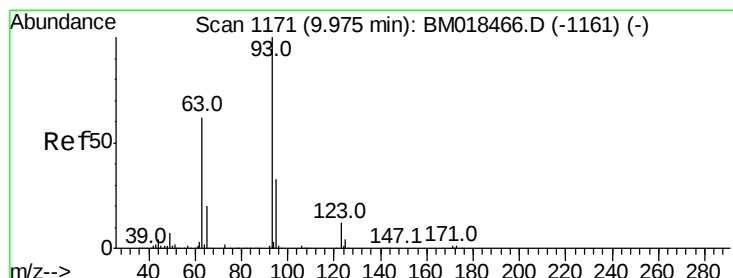
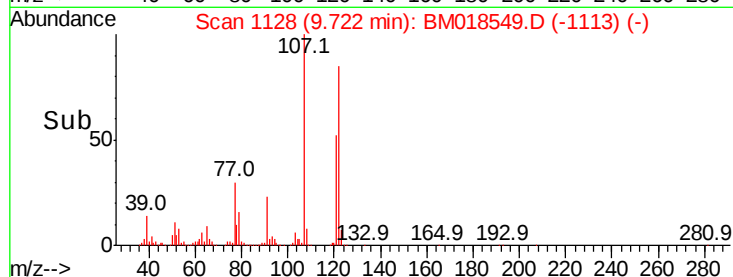
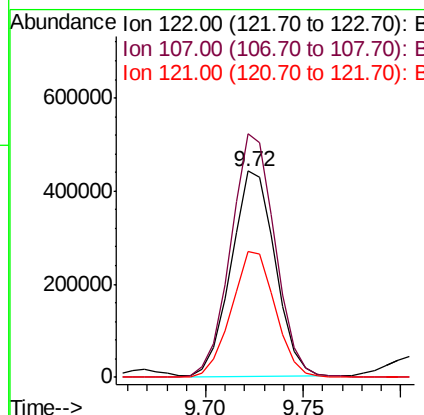
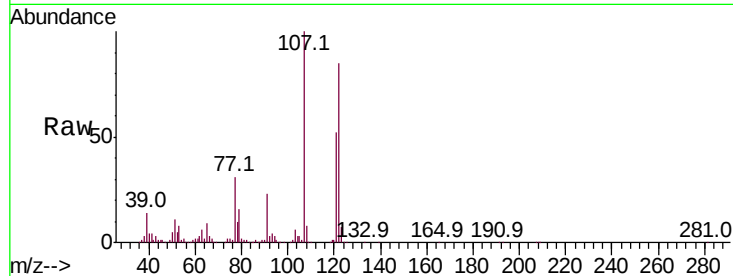
#27
2,4-Dimethylphenol
Concen: 44.646 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :
PB116317BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	687810		
107	118.0	91.9	137.9	
121	60.9	47.5	71.3	

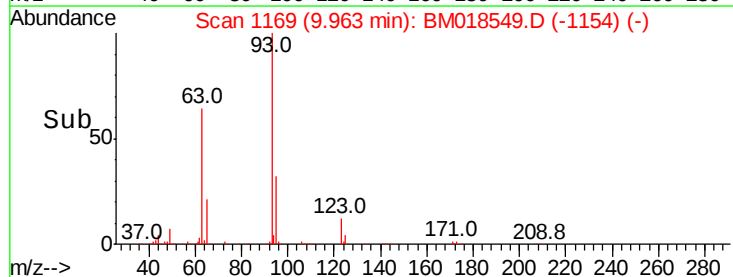
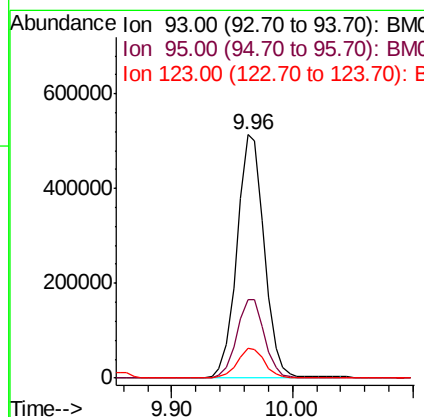
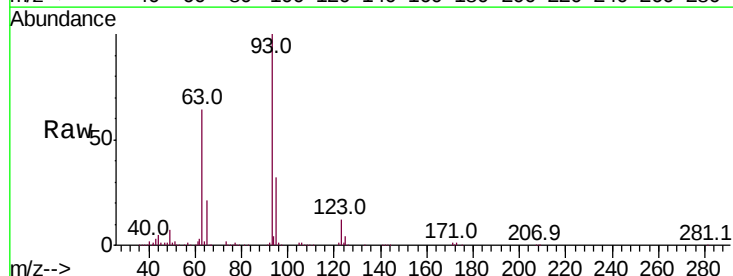
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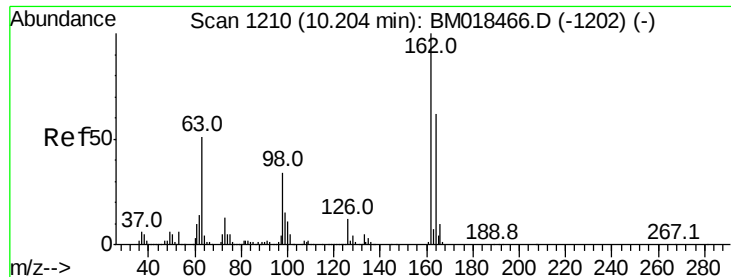
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#28
bis(2-Chloroethoxy)methane
Concen: 35.913 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	811597		
95	32.3	26.6	39.8	
123	12.2	9.9	14.9	





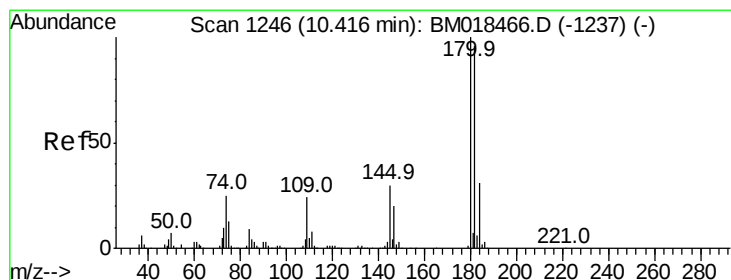
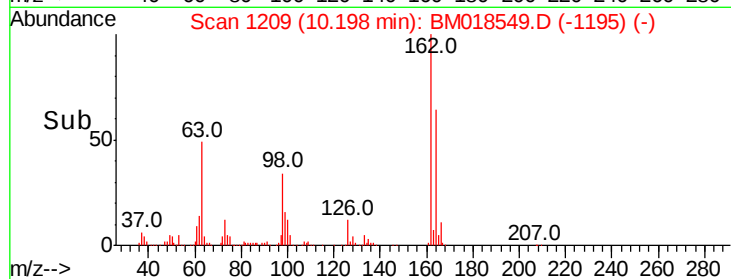
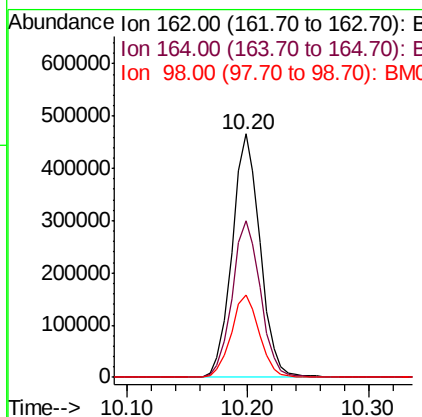
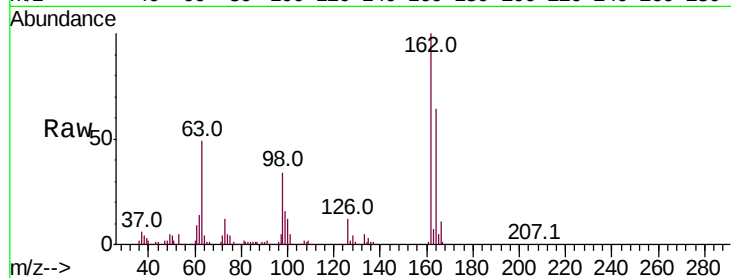
#29
 2,4-Dichlorophenol
 Concen: 41.168 ng
 RT: 10.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Instrument :
 BNA_M
 ClientSampleId :
 PB116317BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.4	45.6	85.6	
98	33.7	14.7	54.7	

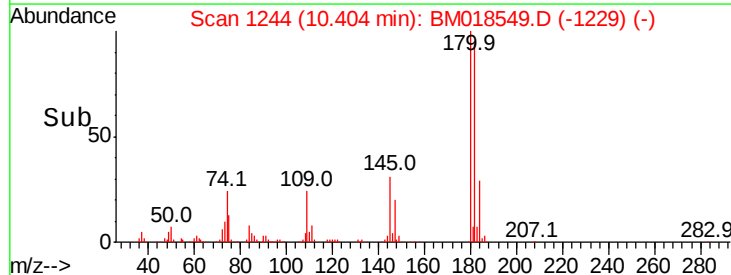
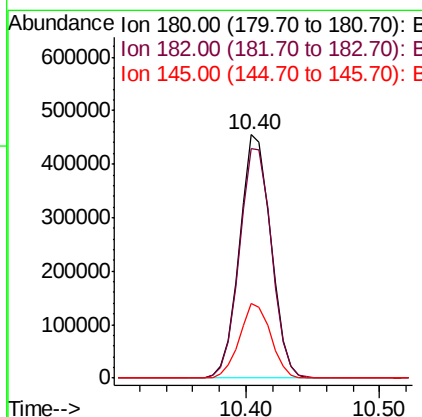
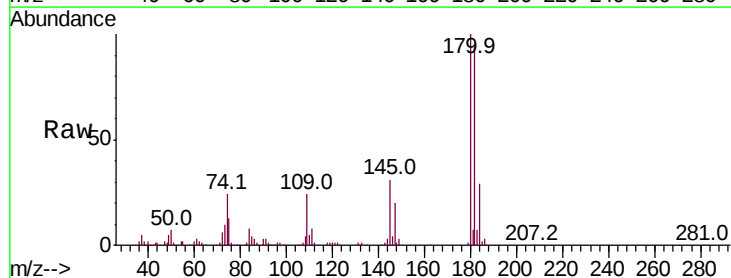
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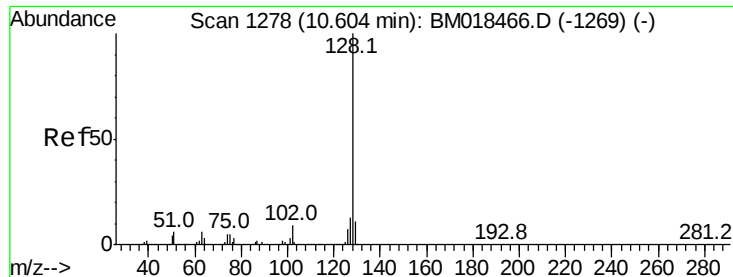
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#30
 1,2,4-Trichlorobenzene
 Concen: 32.463 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.4	77.4	116.2	
145	30.6	24.6	37.0	





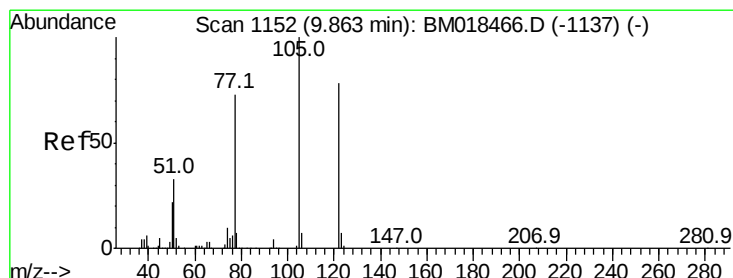
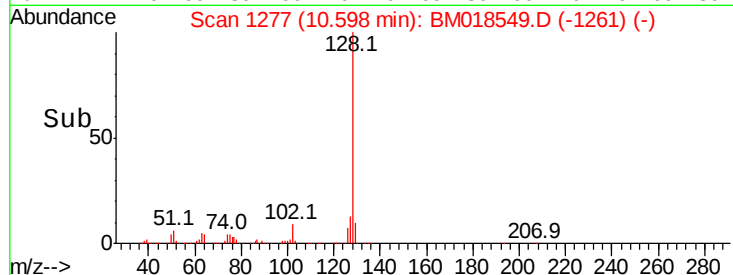
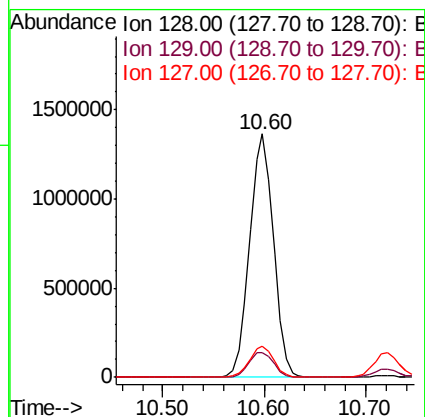
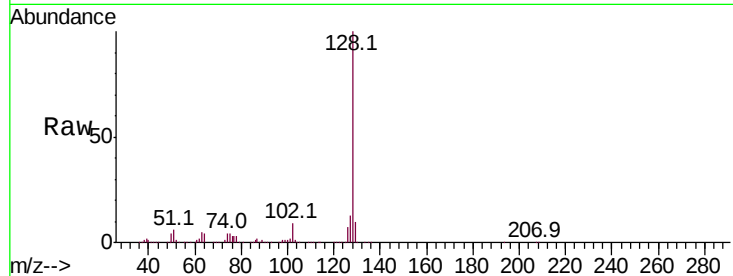
#31
Naphthalene
Concen: 36.834 ng
RT: 10.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :
PB116317BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.7	13.1
127	12.7	10.8	16.2

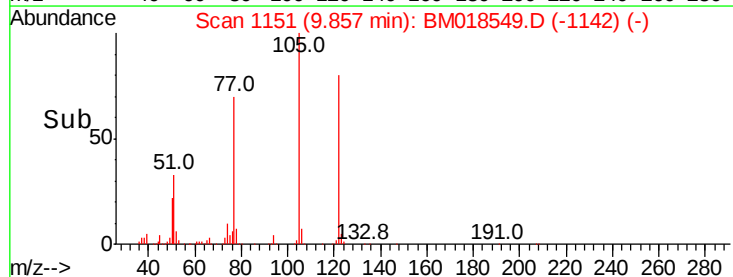
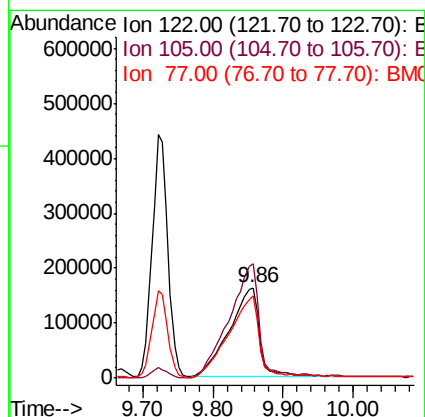
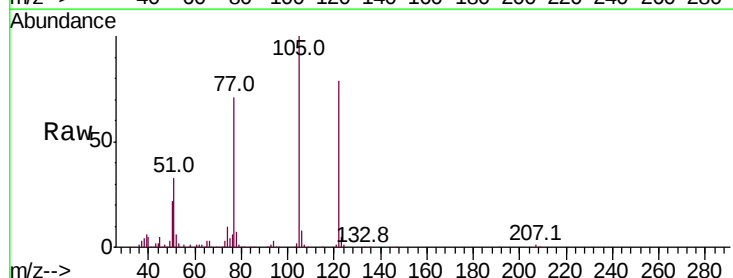
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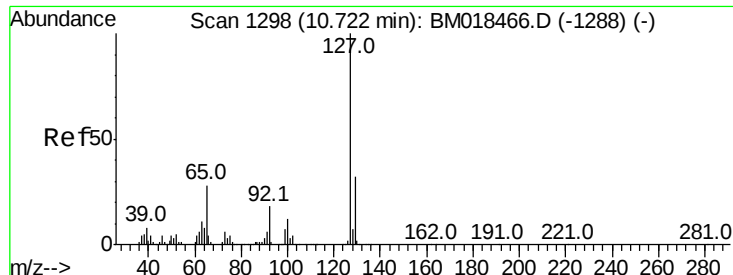
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#32
Benzoic acid
Concen: 47.400 ng m
RT: 9.86 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.7	100.4	140.4
77	90.3	71.7	111.7





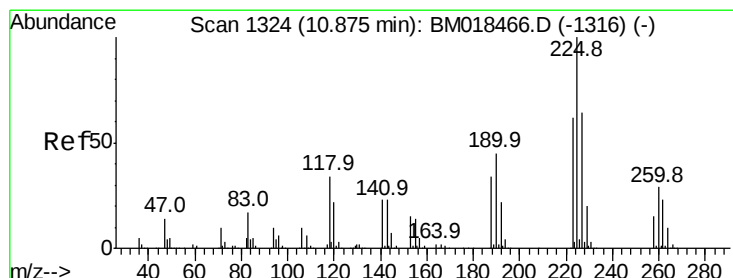
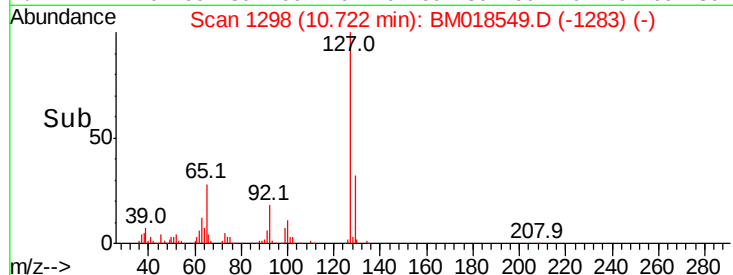
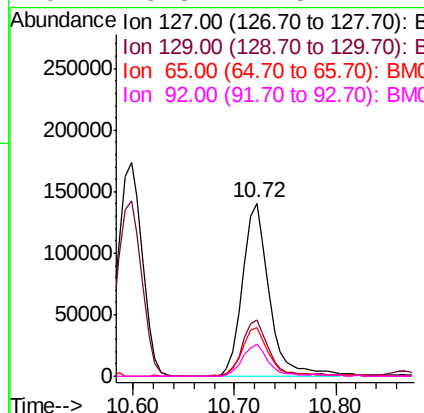
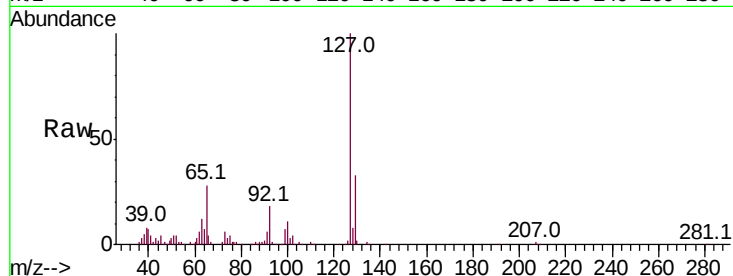
#33
4-Chloroaniline
Concen: 10.906 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampled :
PB116317BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.9	38.9	
65	27.8	23.4	35.2	
92	18.3	14.5	21.7	

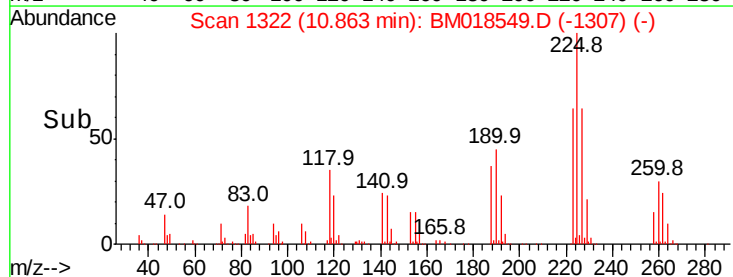
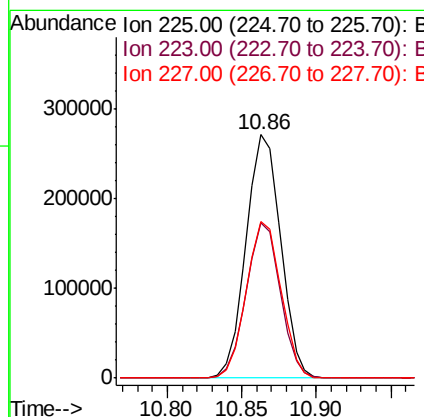
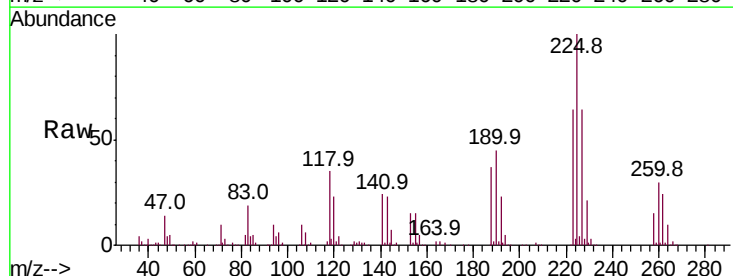
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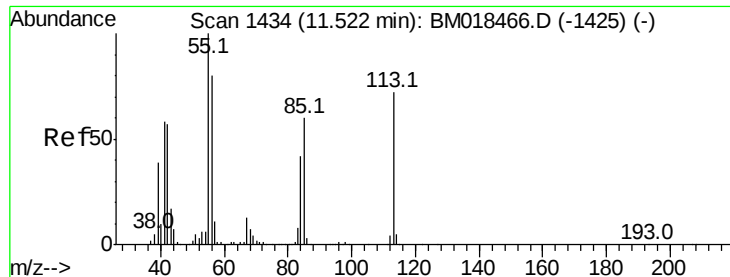
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#34
Hexachlorobutadiene
Concen: 30.315 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	50.8	76.2	
227	64.1	50.4	75.6	





#35

Caprolactam

Concen: 40.073 ng/ml

RT: 11.52 min Scan# 1433

Delta R.T. -0.03 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

PB116317BSD

Tot Ion:113 Resp: 249936

Ion Ratio Lower Upper

113 100

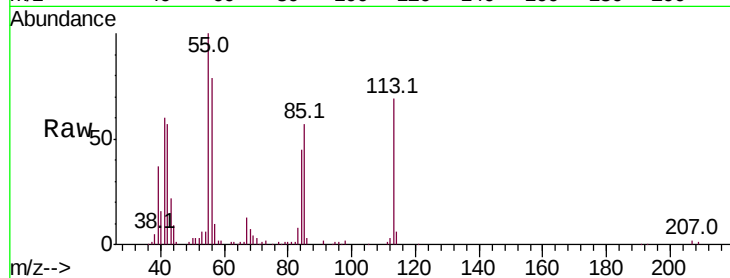
55 144.2 139.3 179.3

56 114.1 101.4 141.4

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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

120000

100000

80000

60000

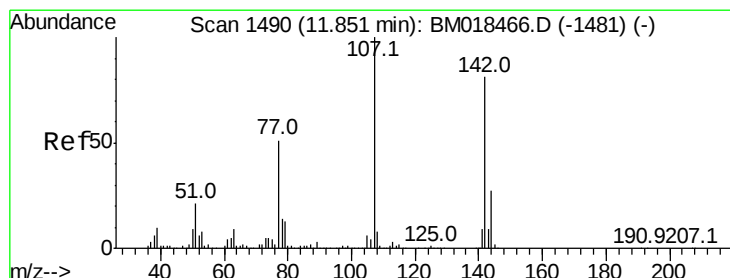
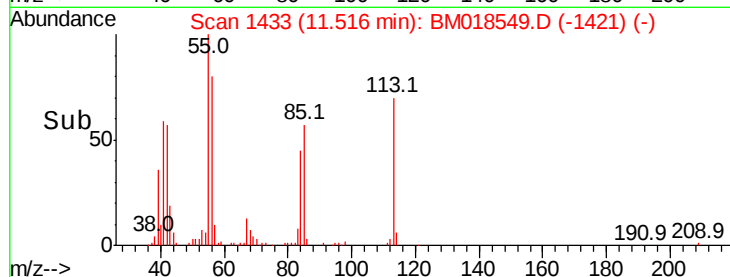
40000

20000

0

11.40 11.60

Time-->



#36

4-Chloro-3-methylphenol

Concen: 42.509 ng/ml

RT: 11.85 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

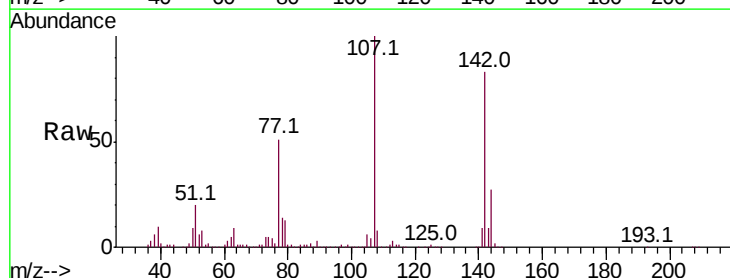
Tgt Ion:107 Resp: 818115

Ion Ratio Lower Upper

107 100

144 27.1 21.9 32.9

142 82.6 67.9 101.9



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

600000

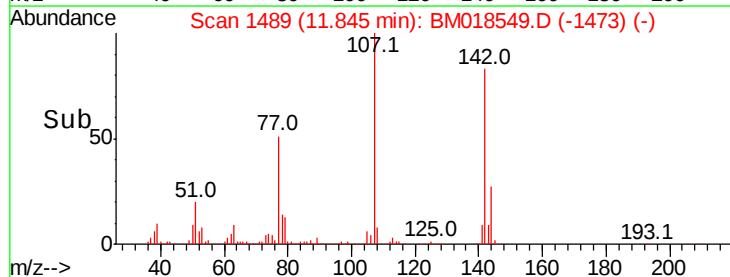
400000

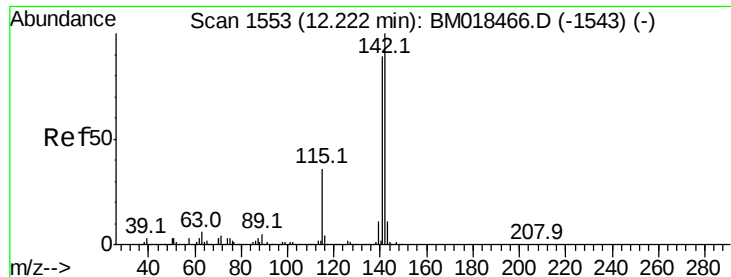
200000

0

11.80 11.90

Time-->





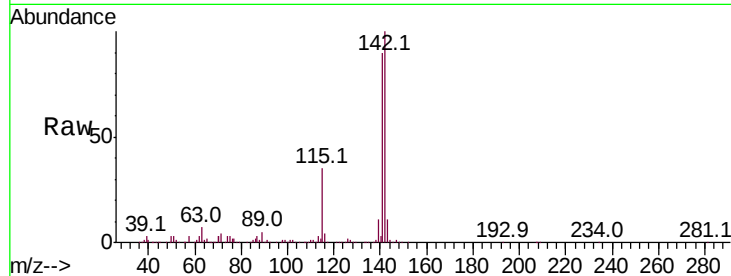
#37
2-Methylnaphthalene
Concen: 39.749 ng
RT: 12.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :
PB116317BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	35.4	28.0	42.0

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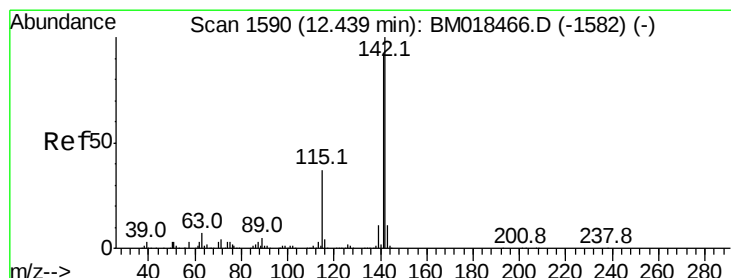
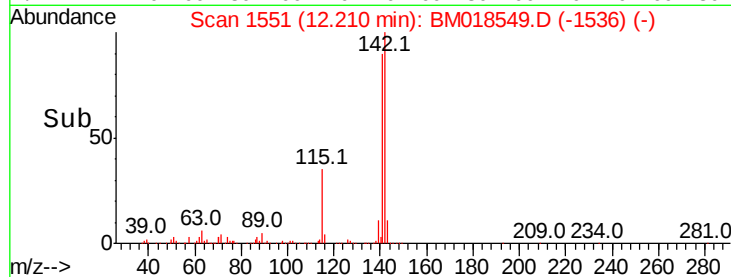
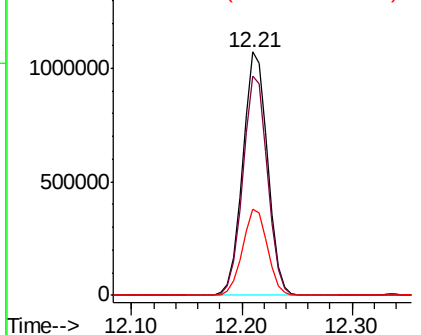


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.286 ng
RT: 12.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

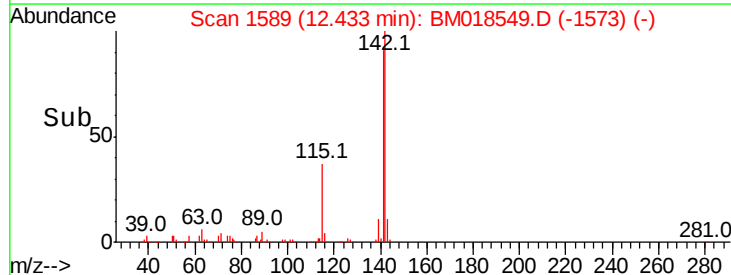
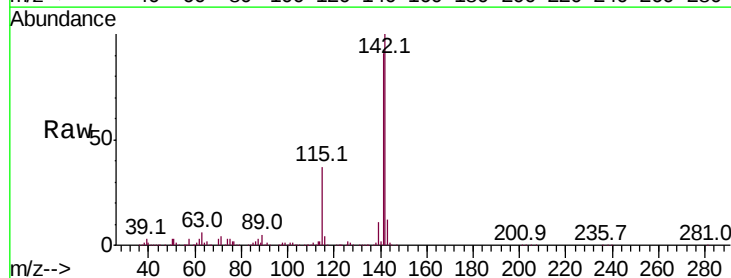
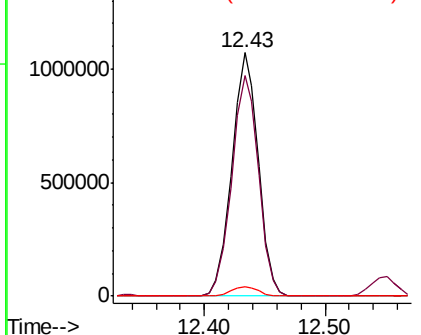
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	75.6	113.4
116	3.9	3.0	4.6

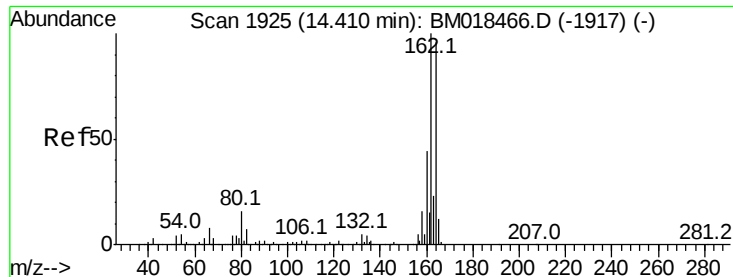
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

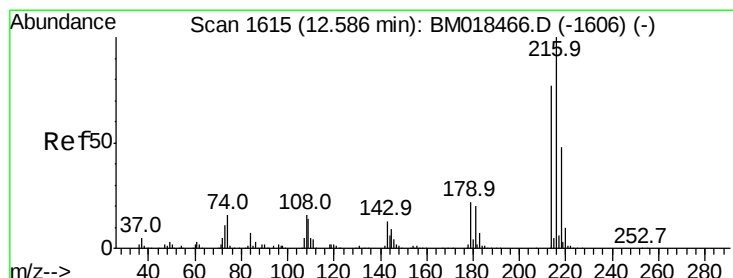
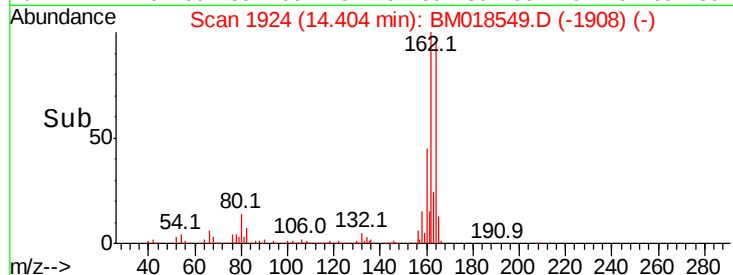
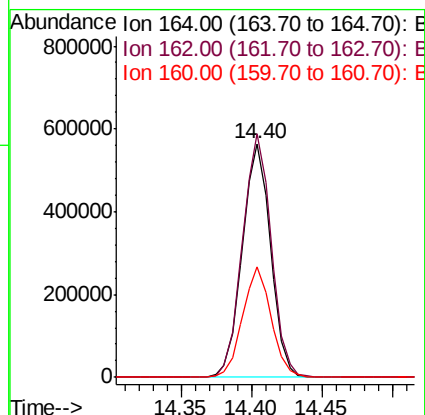
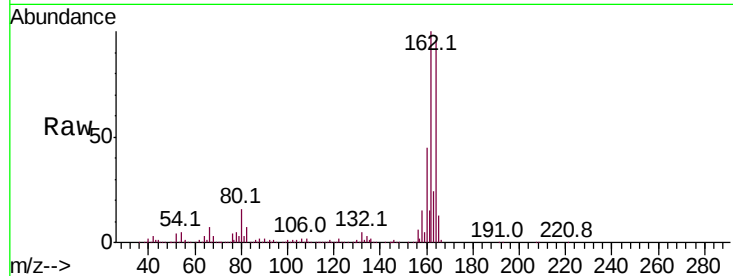
ClientSampleId :

PB116317BSD

Tot Ion:	164	Resp:	791062
Ion Ratio	Lower	Upper	
164	100		
162	104.1	83.0	124.4
160	47.1	37.1	55.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 31.871 ng

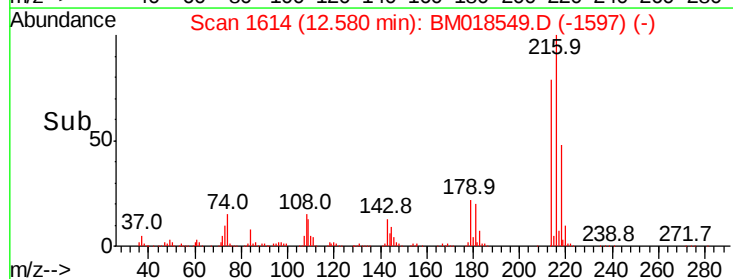
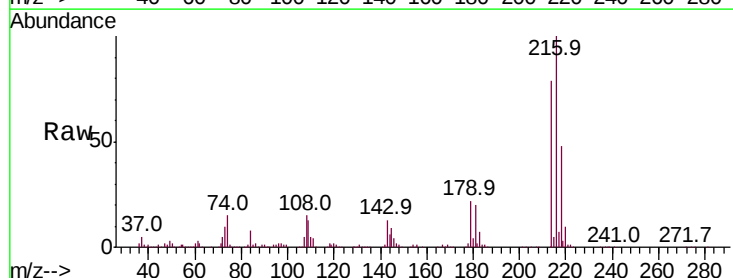
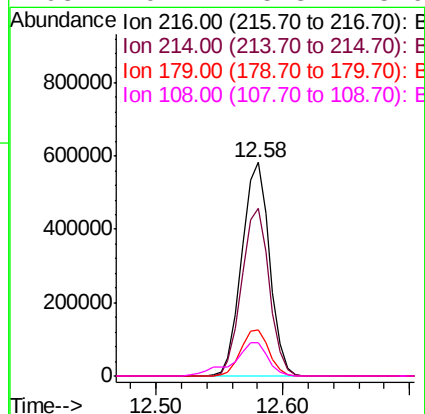
RT: 12.58 min Scan# 1614

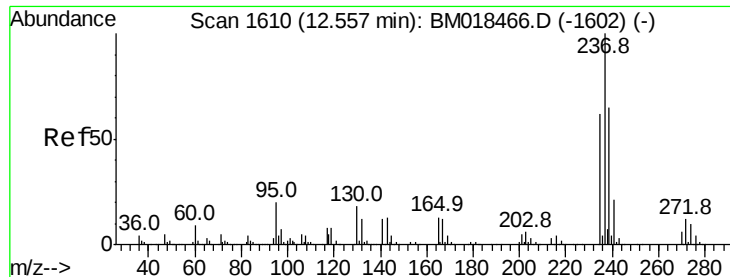
Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Tgt Ion:	216	Resp:	881658
Ion Ratio	Lower	Upper	
216	100		
214	78.2	63.4	95.0
179	21.6	17.9	26.9
108	19.7	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 68.924 ng

RT: 12.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

PB116317BSD

Tot Ion:237 Resp: 1046425

Ion Ratio Lower Upper

237 100

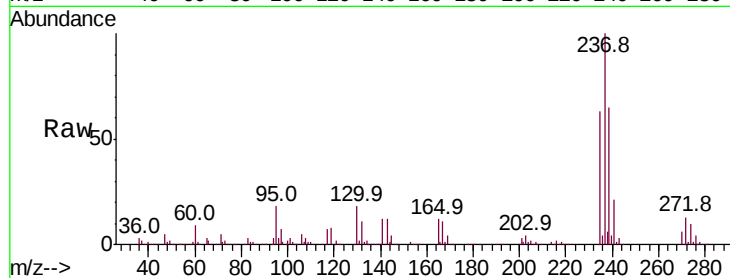
235 63.1 42.8 82.8

272 12.7 0.0 31.9

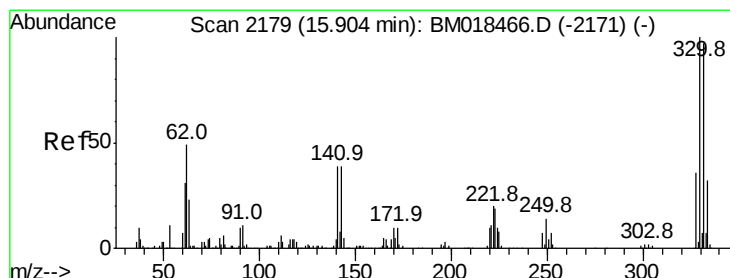
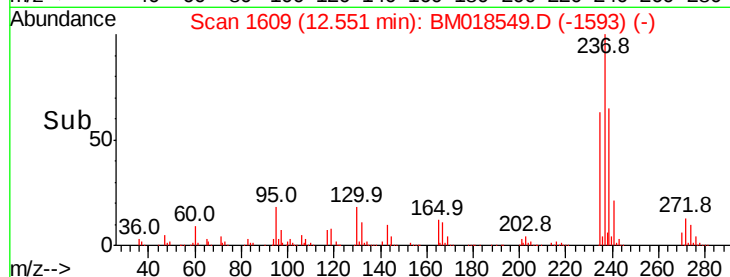
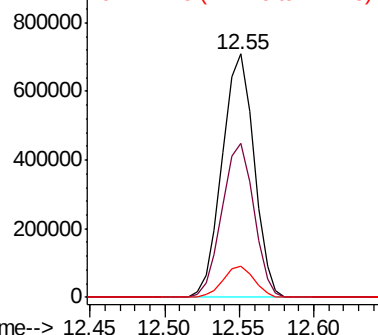
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 125.255 ng

RT: 15.90 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

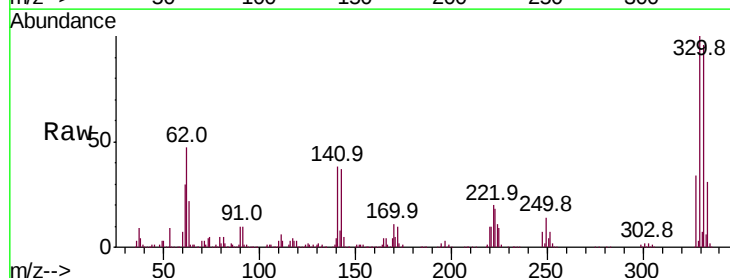
Tgt Ion:330 Resp: 1261618

Ion Ratio Lower Upper

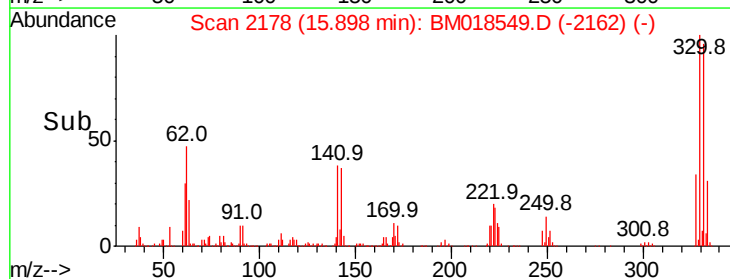
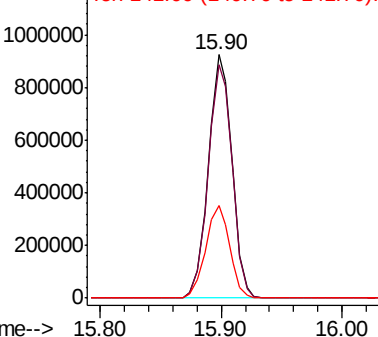
330 100

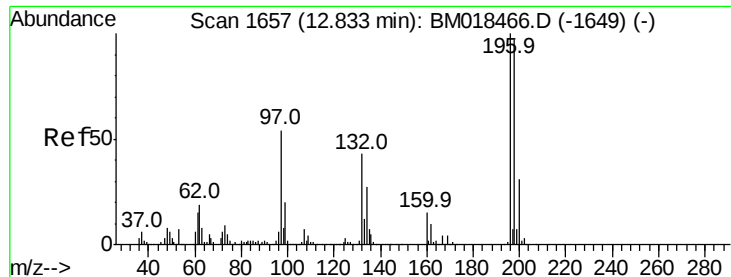
332 97.3 77.6 116.4

141 38.5 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





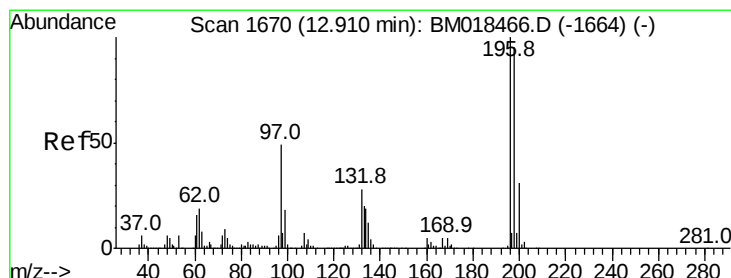
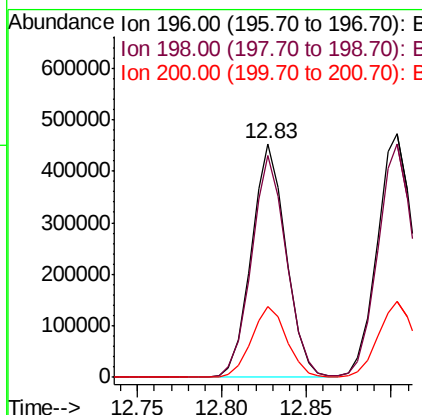
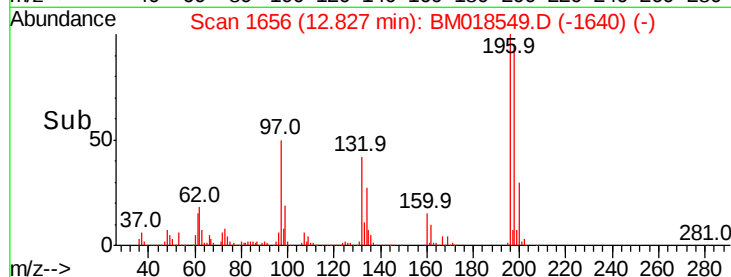
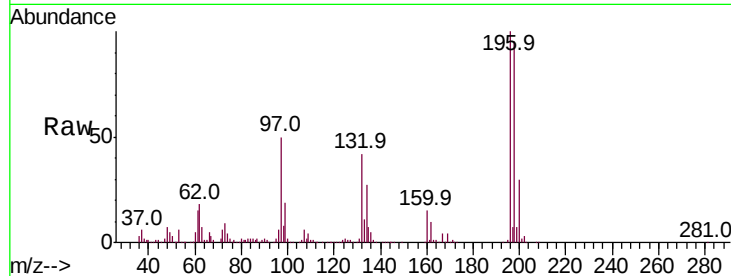
#43
2,4,6-Trichlorophenol
Concen: 38.404 ng
RT: 12.83 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :
PB116317BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	645141		
198	94.7	76.6	115.0	
200	30.4	24.2	36.4	

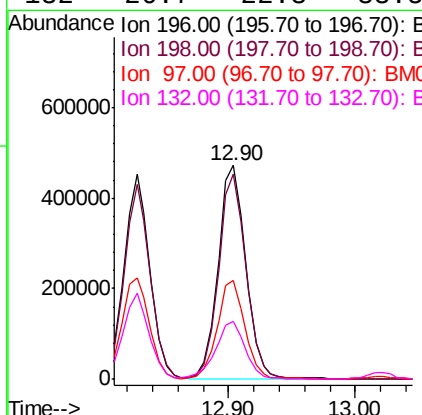
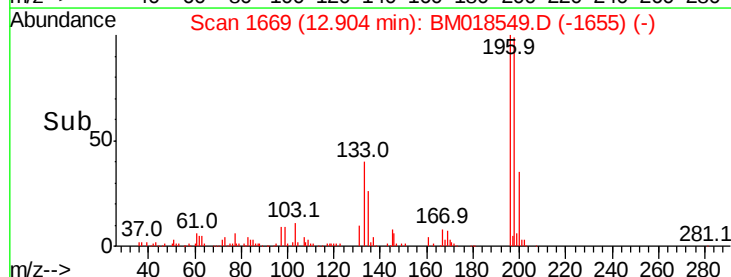
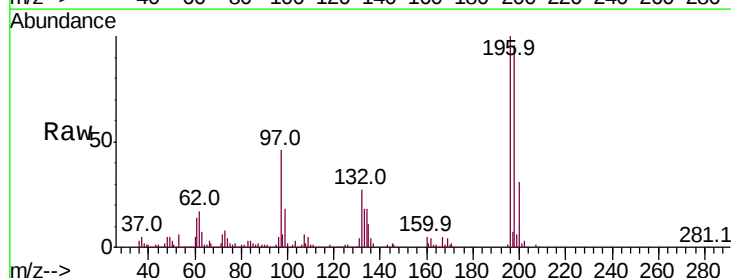
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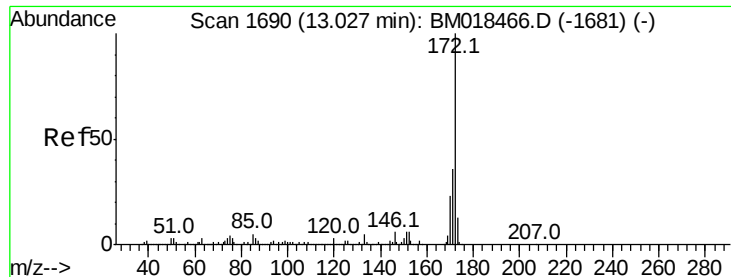
Sohil
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#44
2,4,5-Trichlorophenol
Concen: 40.306 ng
RT: 12.90 min Scan# 1669
Delta R.T. -0.02 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	712103		
198	95.7	76.7	115.1	
97	46.3	39.2	58.8	
132	26.7	22.3	33.5	





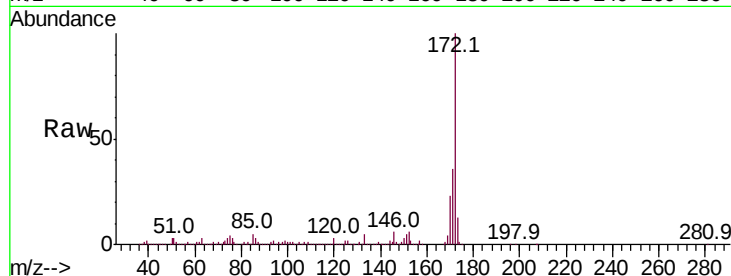
#45
2-Fluorobiphenyl
Concen: 67.295 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :
PB116317BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	23.5	18.9	28.3

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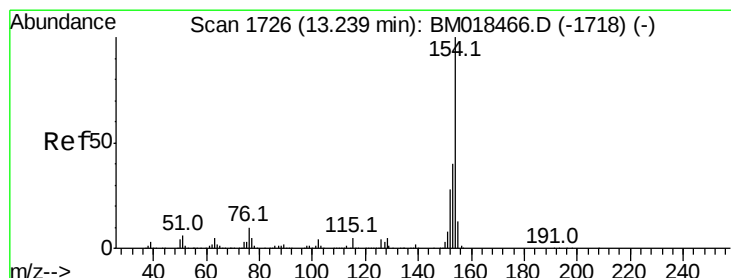
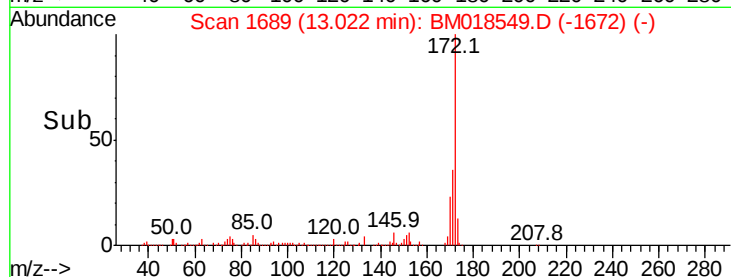
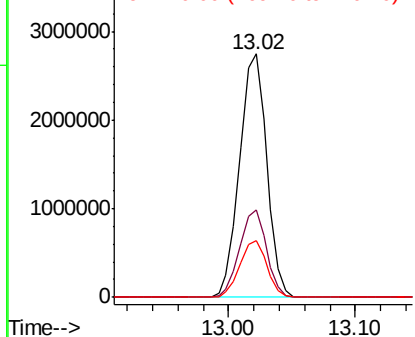


Abundance

Ion 172.00 (171.70 to 172.70): E

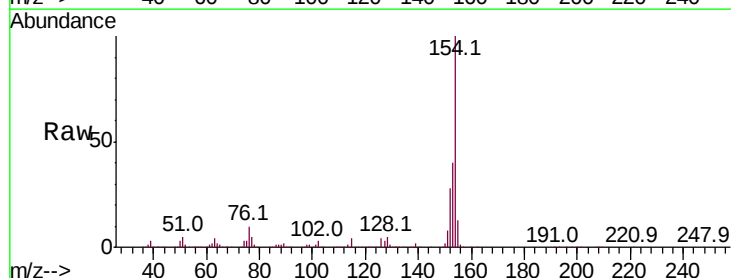
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 32.186 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.5	60.5
76	9.9	0.0	31.9

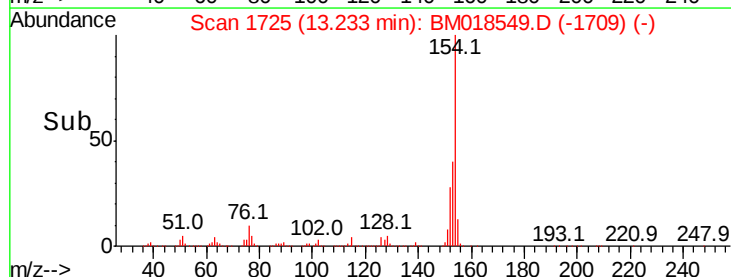
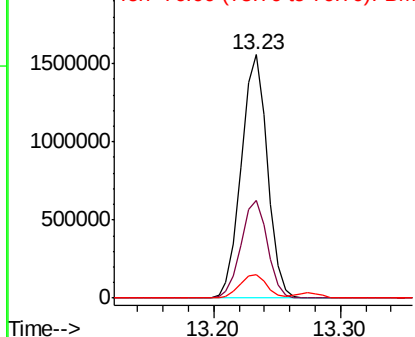


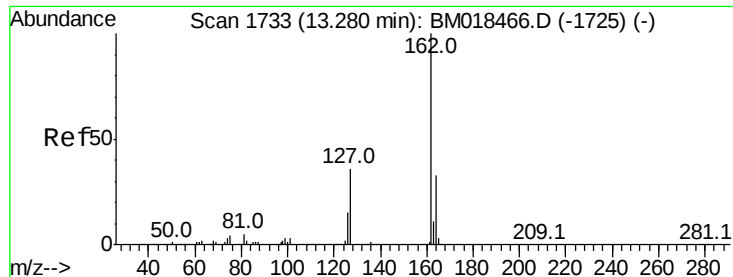
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM0





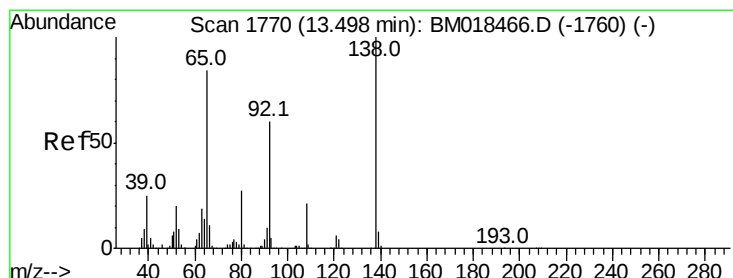
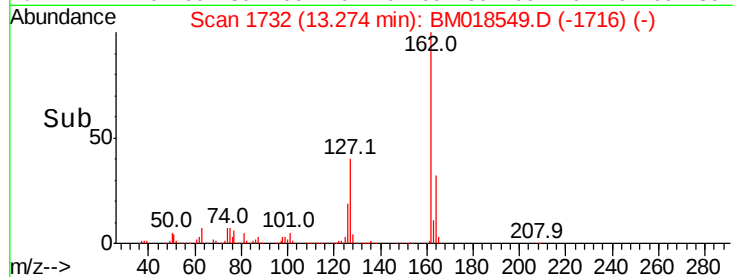
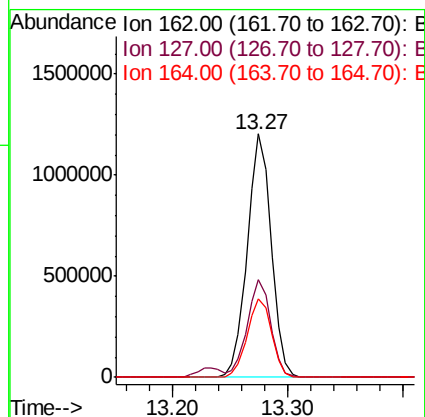
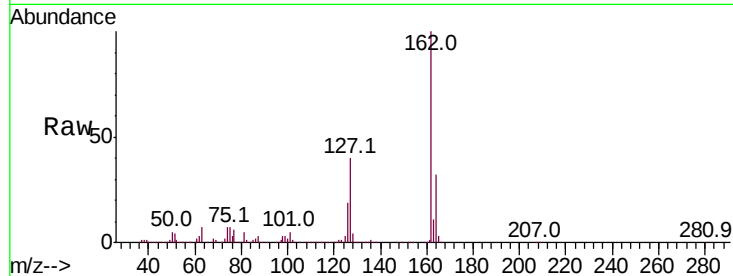
#47
2-Chloronaphthalene
Concen: 32.334 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :
PB116317BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.4	47.0
164	32.3	26.2	39.4

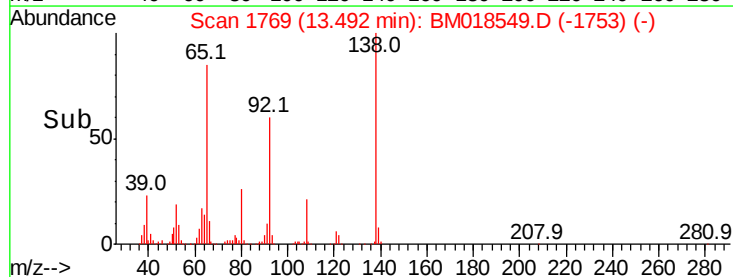
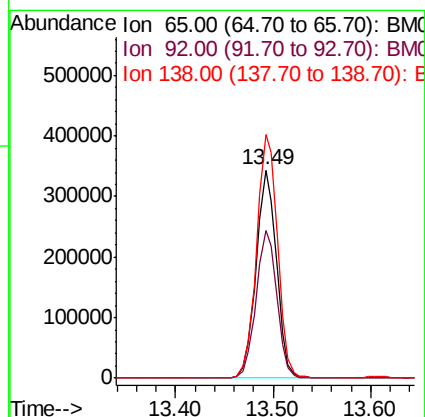
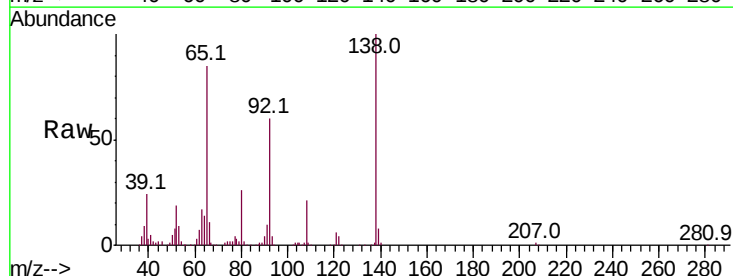
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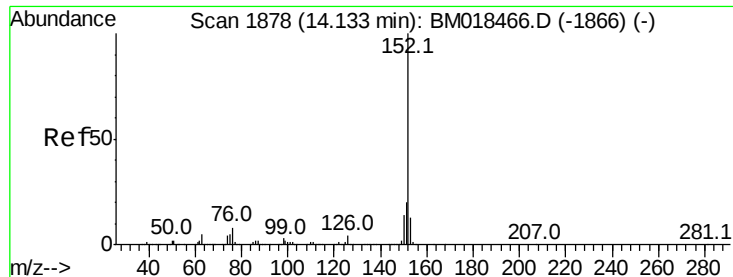
Sohil
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#48
2-Nitroaniline
Concen: 38.045 ng
RT: 13.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	53.4	80.2
138	117.1	88.9	133.3





#49

Acenaphthylene

Concen: 37.490 ng

RT: 14.13 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

PB116317BSD

Tot Ion:152 Resp: 2926345

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

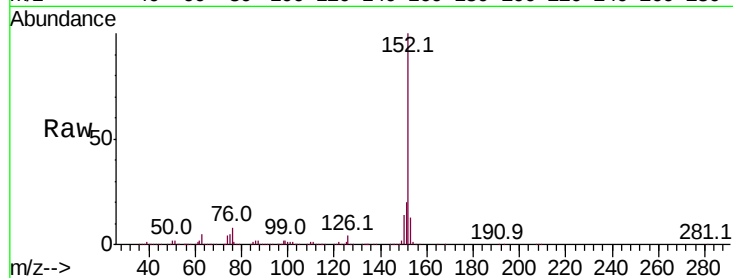
153 13.2 10.5 15.7

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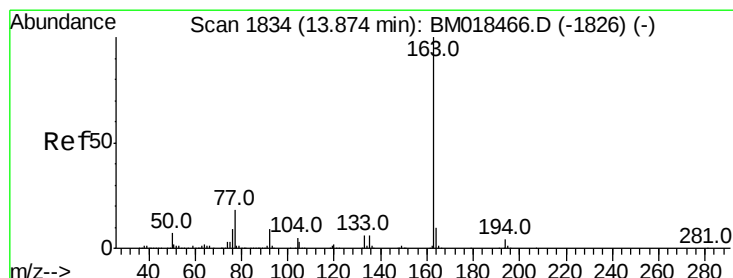
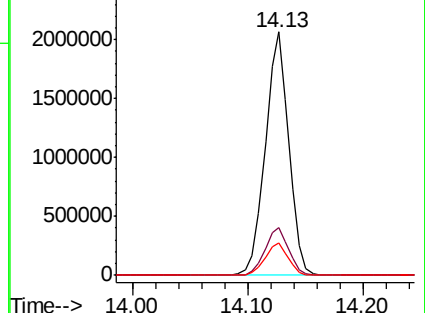
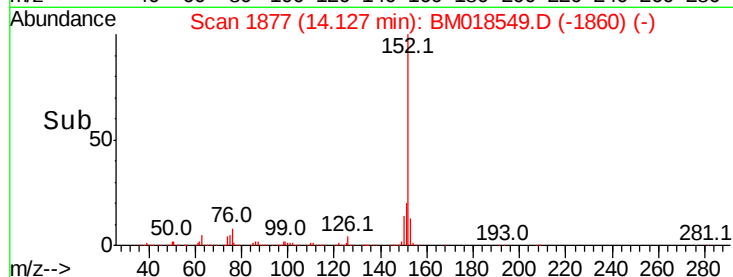
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.115 ng

RT: 13.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

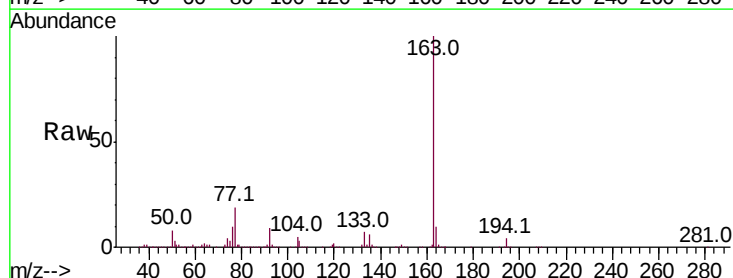
Tgt Ion:163 Resp: 2346304

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

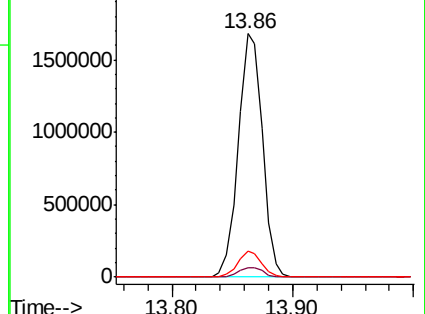
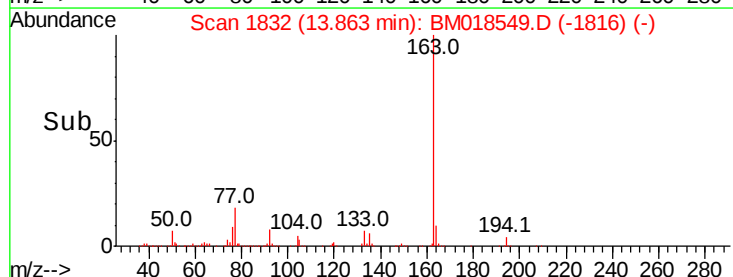
164 10.4 7.8 11.8

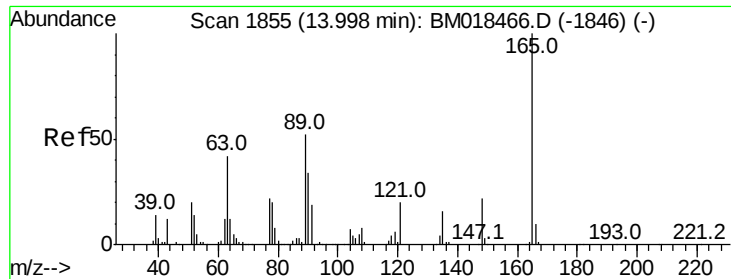


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





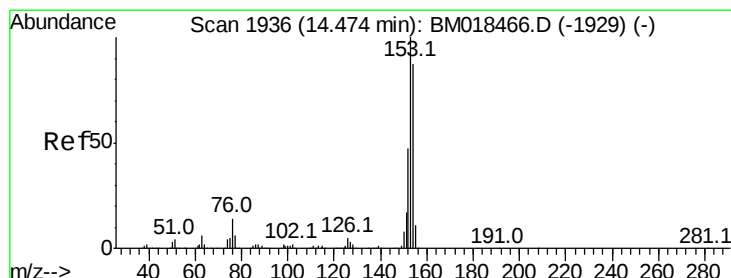
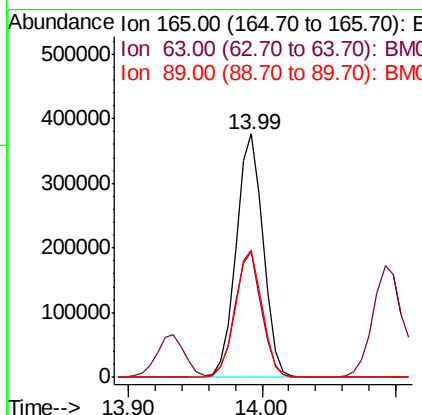
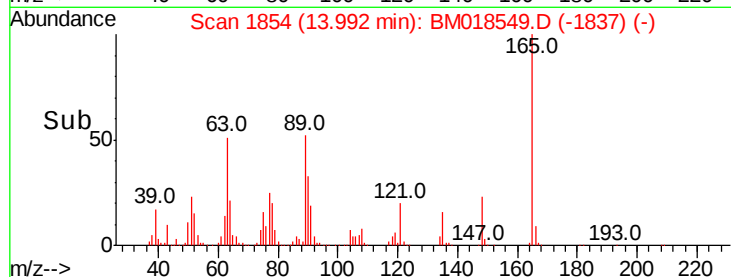
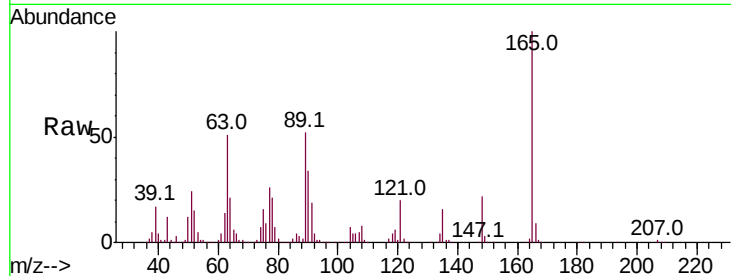
#51
 2,6-Dinitrotoluene
 Concen: 38.217 ng
 RT: 13.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Instrument :
 BNA_M
 ClientSampled :
 PB116317BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.5	45.6	68.4	
89	52.3	44.6	66.8	

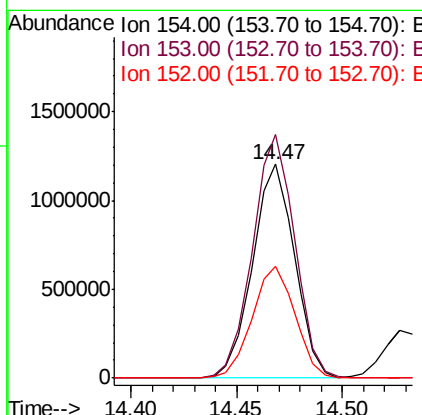
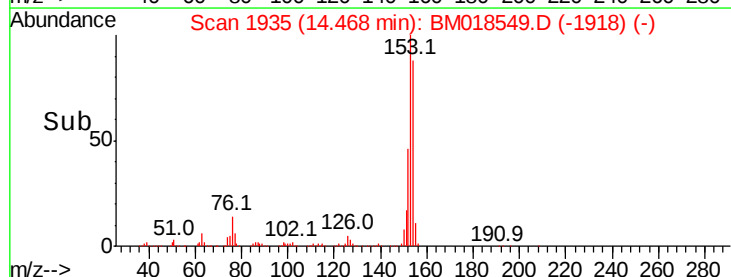
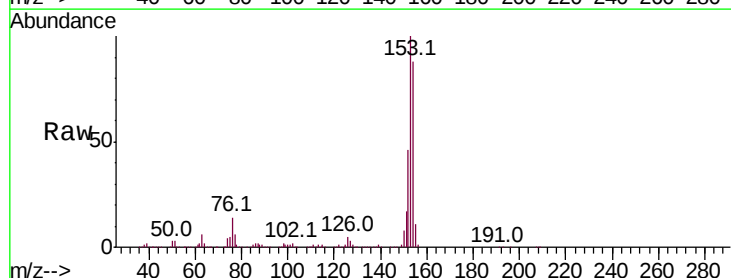
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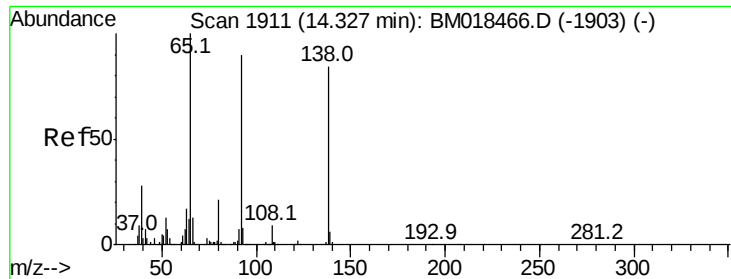
Sohil
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#52
 Acenaphthene
 Concen: 35.020 ng
 RT: 14.47 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.0	92.3	138.5	
152	52.6	43.8	65.6	





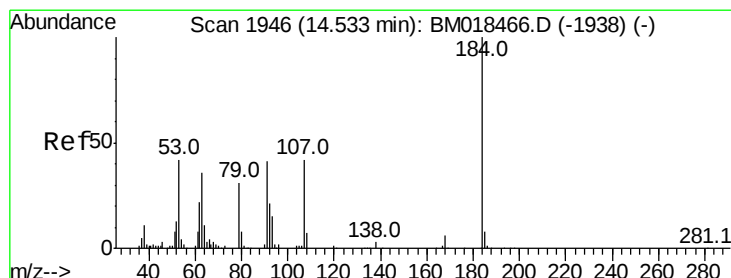
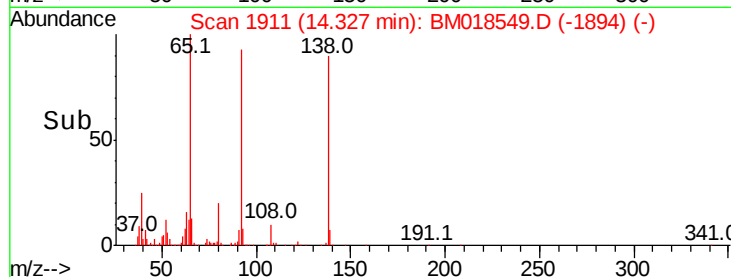
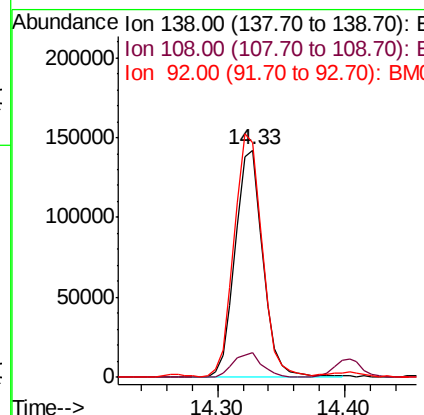
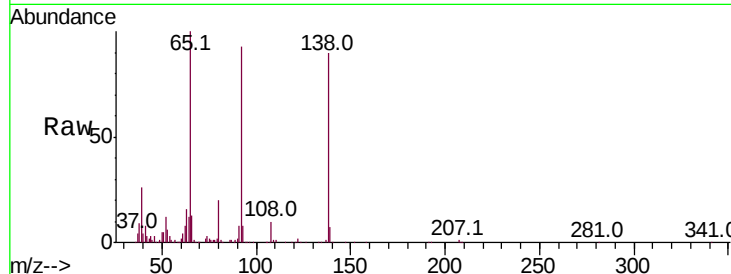
#53
 3-Nitroaniline
 Concen: 15.574 ng
 RT: 14.33 min Scan# 1911
 Delta R.T. -0.00 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Instrument :
 BNA_M
 ClientSampleId :
 PB116317BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.1	13.7
92	103.4	88.2	132.2

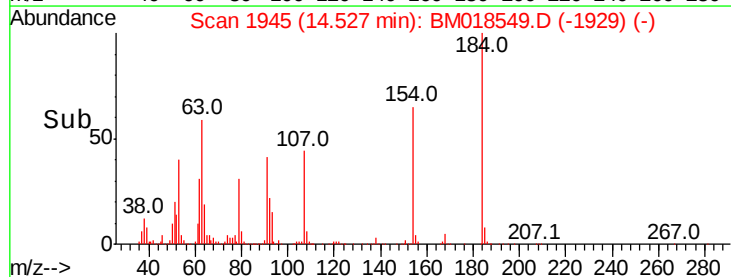
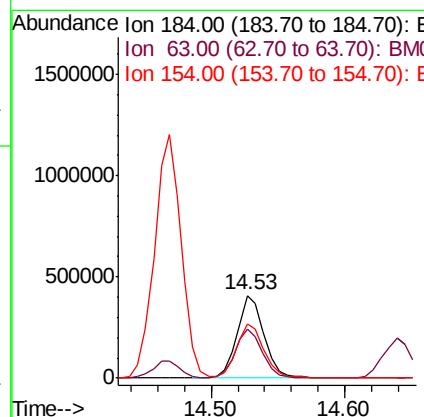
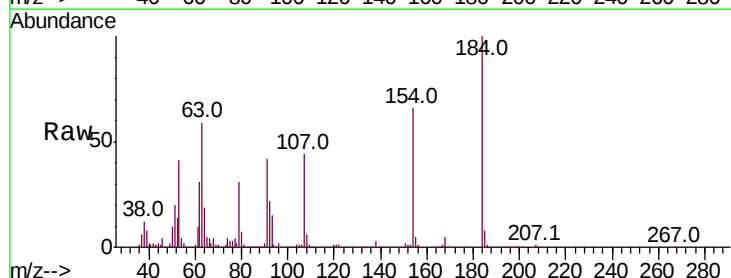
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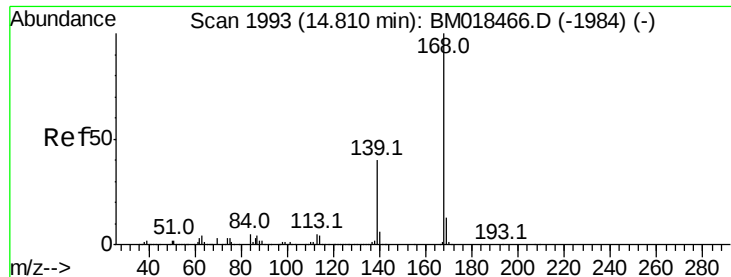
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#54
 2,4-Dinitrophenol
 Concen: 77.650 ng
 RT: 14.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.5	55.9	83.9
154	65.5	54.2	81.4





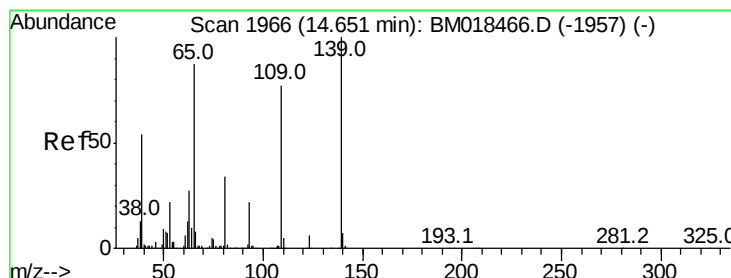
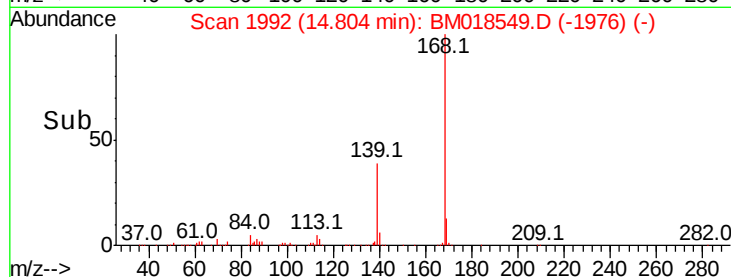
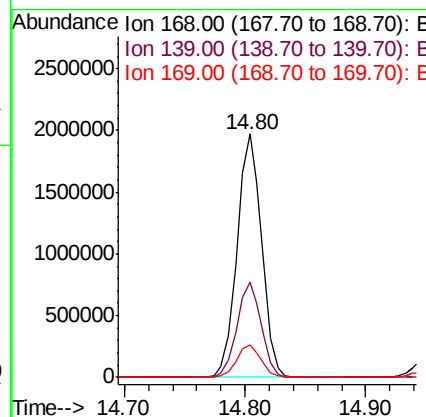
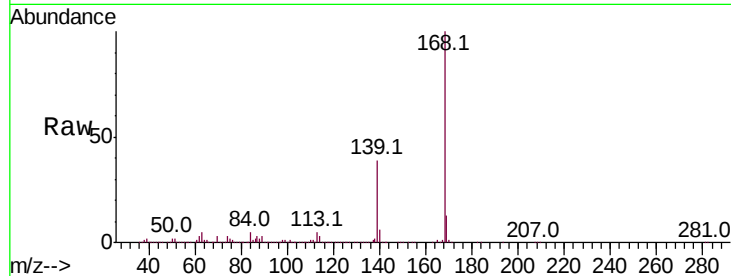
#55
Dibenzofuran
Concen: 35.148 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampled :
PB116317BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.3	45.5
169	13.4	10.6	16.0

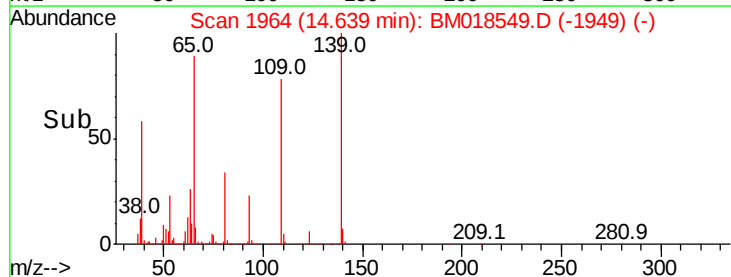
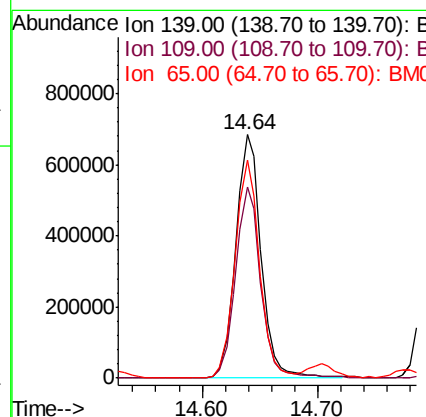
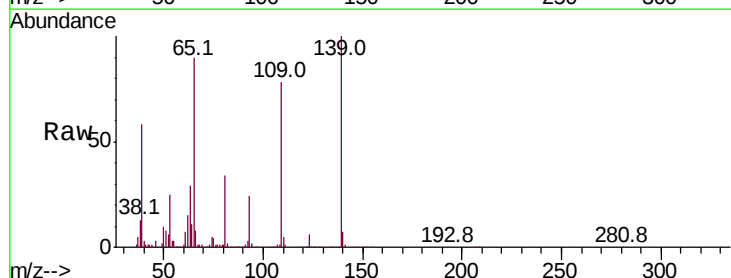
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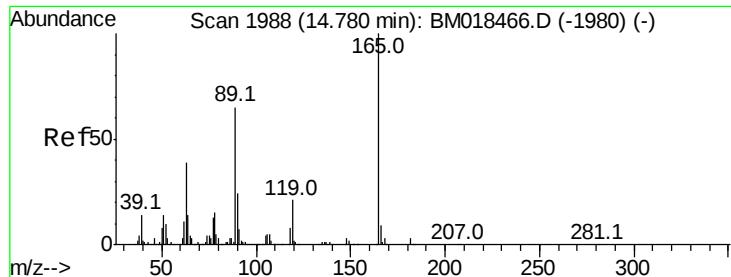
Sohil
1/14/2019 4:43:11 PM



#56
4-Nitrophenol
Concen: 86.740 ng
RT: 14.64 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.3	51.7	91.7
65	89.6	71.4	111.4





#57

2,4-Dinitrotoluene

Concen: 39.745 ng

RT: 14.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

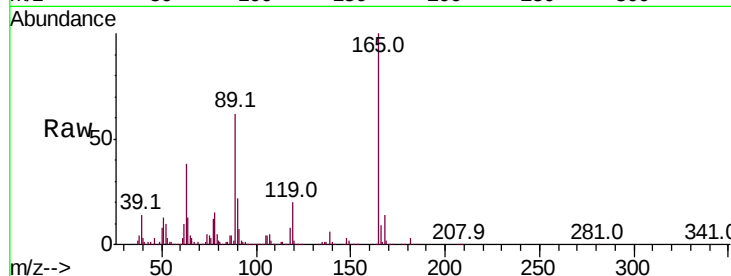
ClientSampleId :

PB116317BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.2	32.2	48.2
89	61.9	52.1	78.1
182	3.3	2.5	3.7

Manual Integrations
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1/14/2019 4:43:11 PM



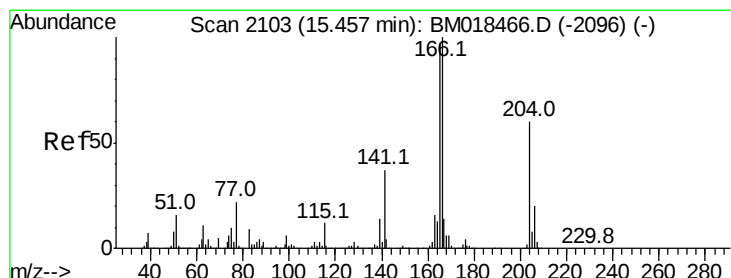
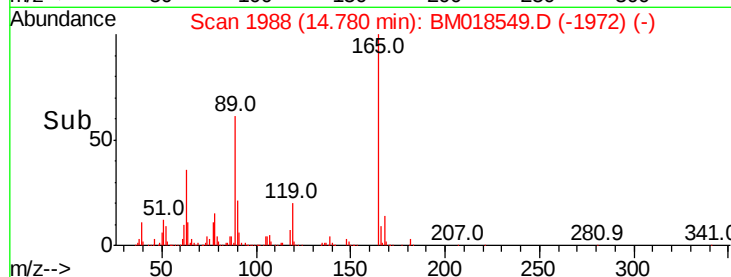
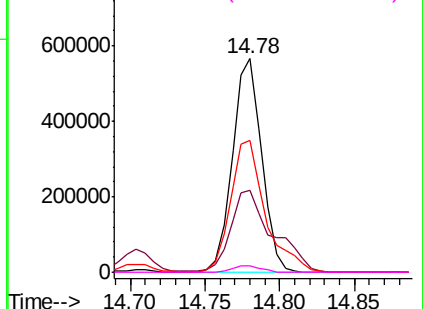
Abundance

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: 38.704 ng

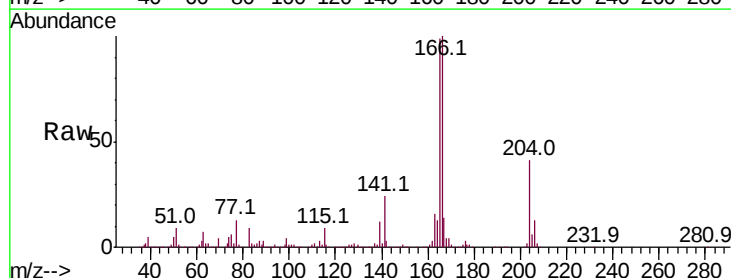
RT: 15.46 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.3	117.5
167	13.7	10.9	16.3

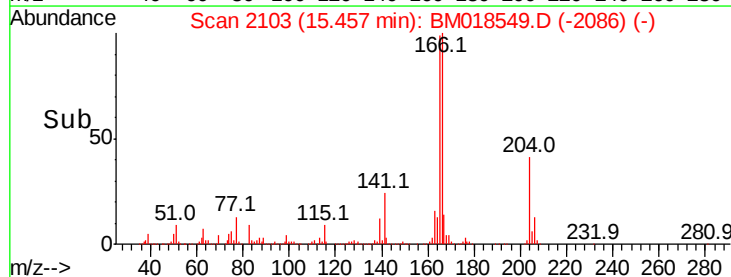
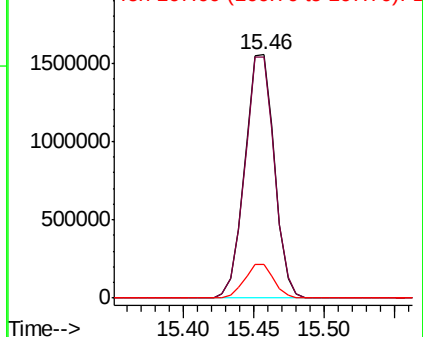


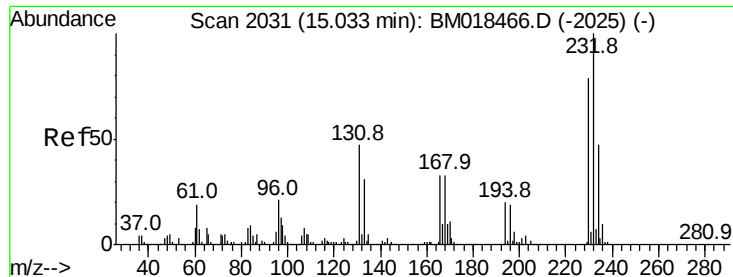
Abundance

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





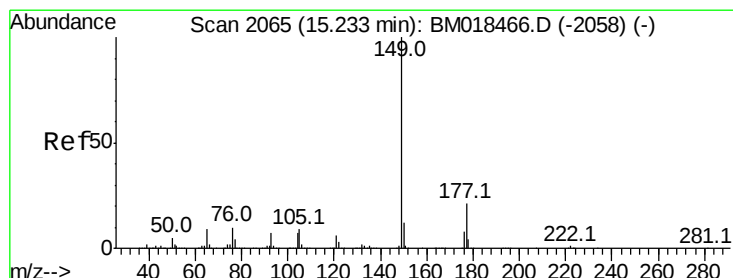
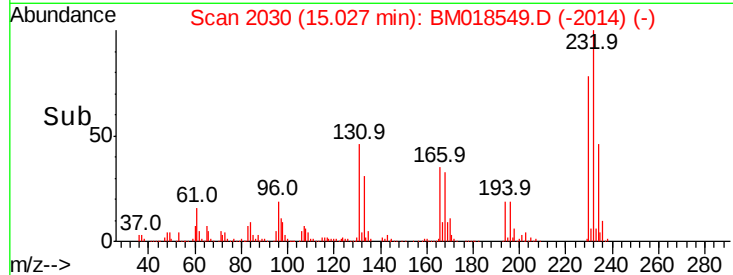
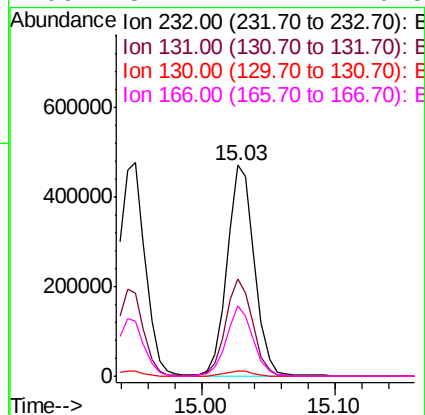
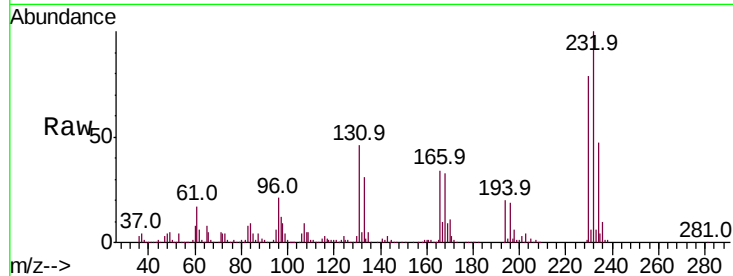
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.906 ng
 RT: 15.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Instrument :
 BNA_M
 ClientSampleId :
 PB116317BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.5	38.6	57.8
130	2.7	2.2	3.4
166	32.4	27.2	40.8

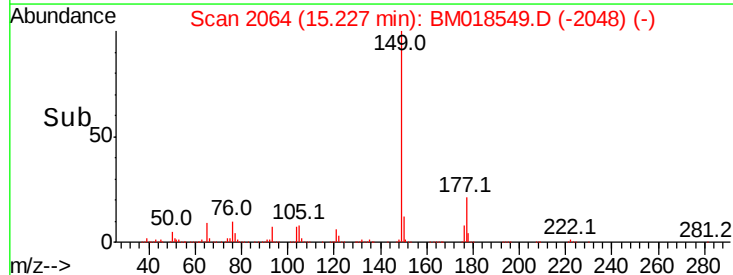
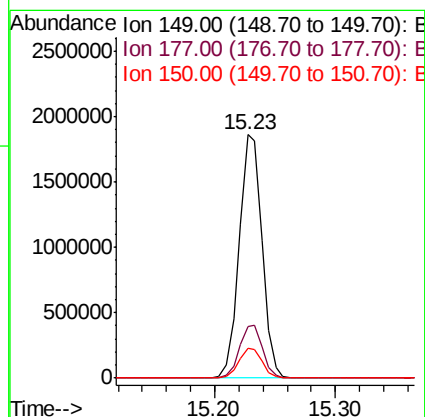
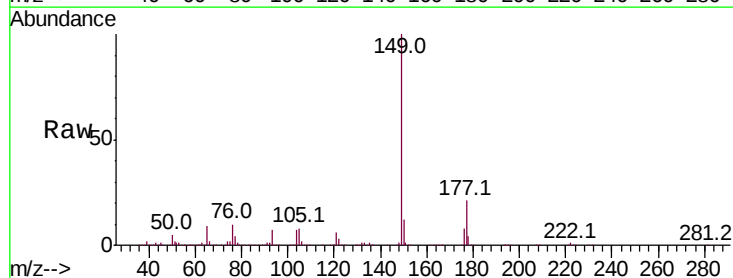
Manual Integrations
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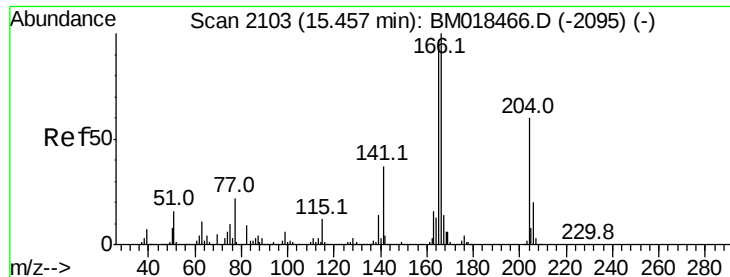
Sohil
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#60
 Diethylphthalate
 Concen: 37.407 ng
 RT: 15.23 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.1	25.7
150	12.4	9.8	14.6





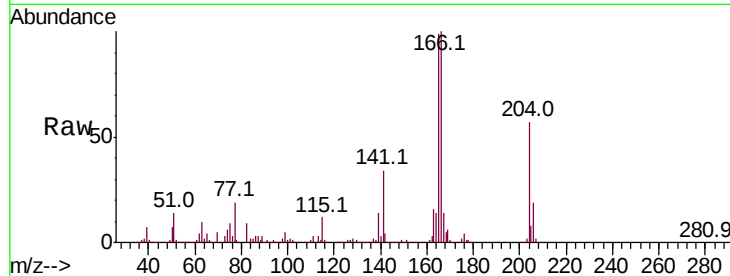
#61
4-Chlorophenyl-phenylether
Concen: 34.435 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :
PB116317BSD

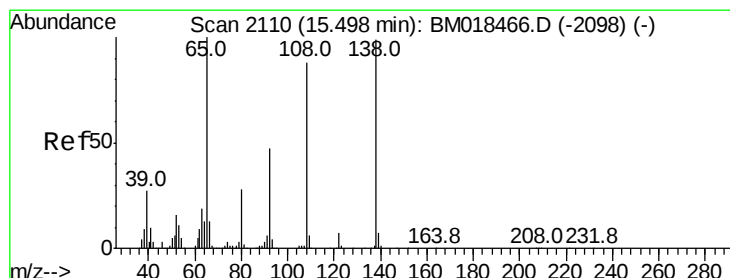
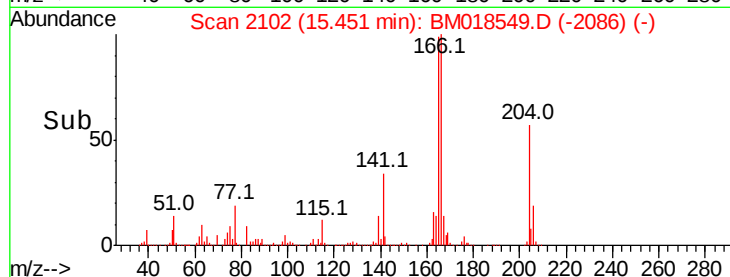
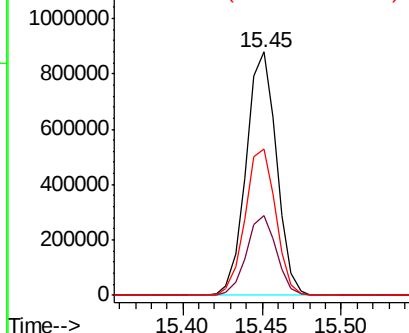
Tot Ion:204 Resp: 1166690
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 60.0 49.5 74.3

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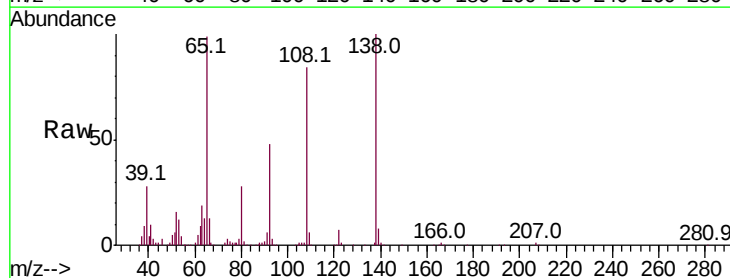


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

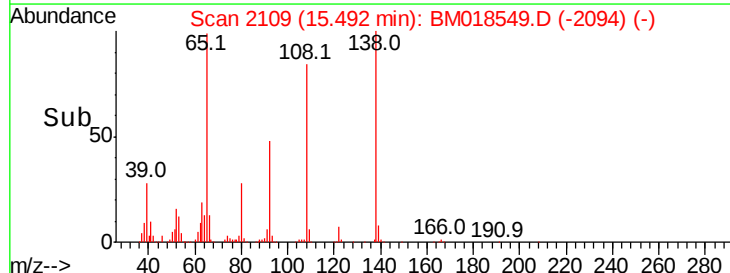
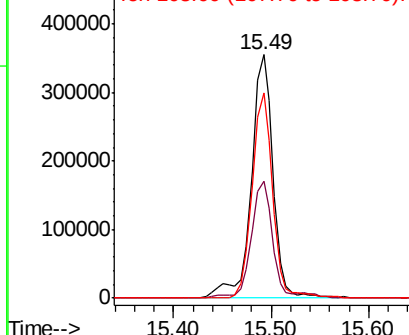


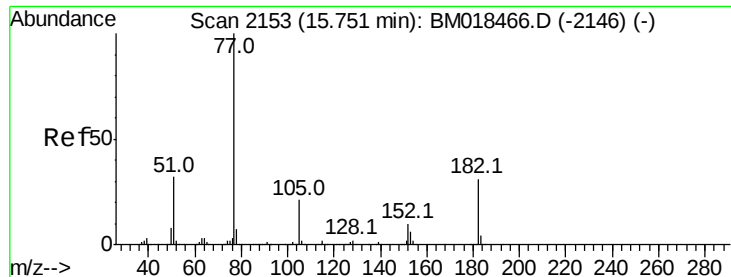
#62
4-Nitroaniline
Concen: 37.004 ng
RT: 15.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion:138 Resp: 559983
Ion Ratio Lower Upper
138 100
92 48.1 29.0 69.0
108 84.1 63.9 103.9



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





#63

Azobenzene

Concen: 35.977 ng

RT: 15.74 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

PB116317BSD

Tot Ion: 77 Resp: 1923809

Ion Ratio Lower Upper

77 100

182 30.7 7.4 47.4

105 21.4 0.0 39.6

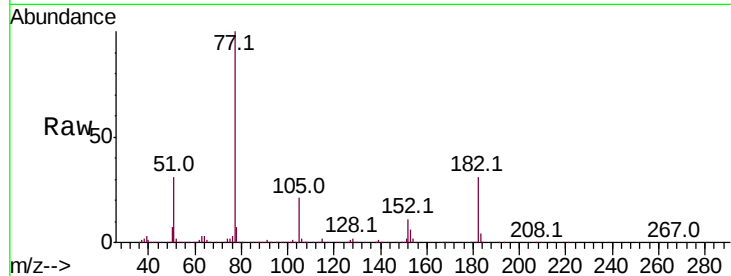
51 31.2 12.0 52.0

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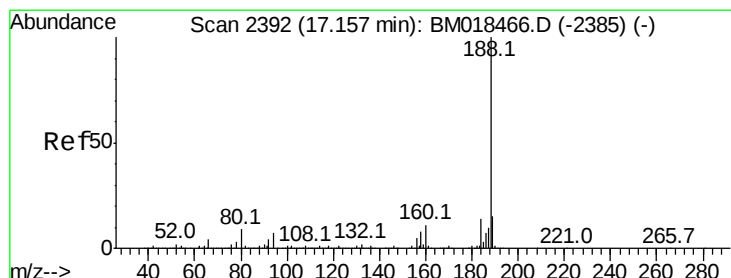
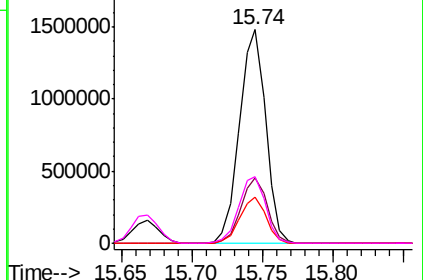
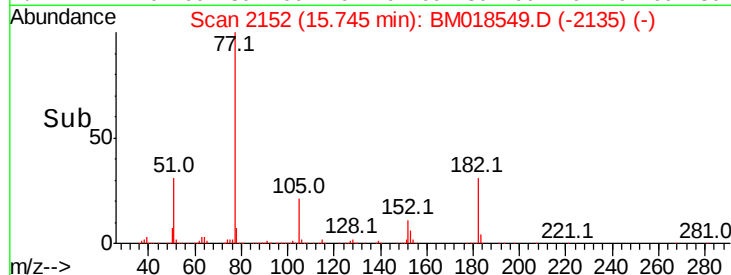


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

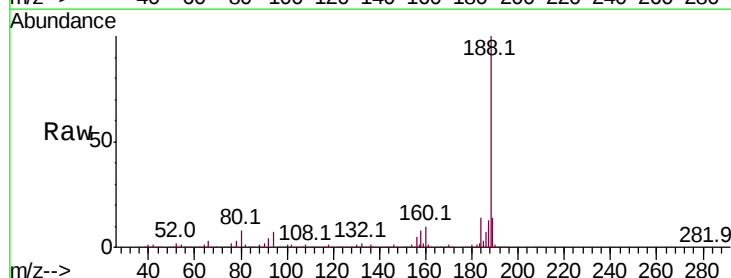
Tgt Ion: 188 Resp: 1981858

Ion Ratio Lower Upper

188 100

94 6.9 7.1 10.7#

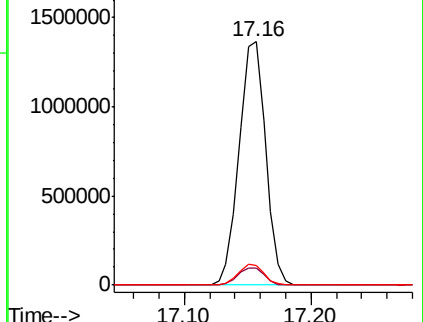
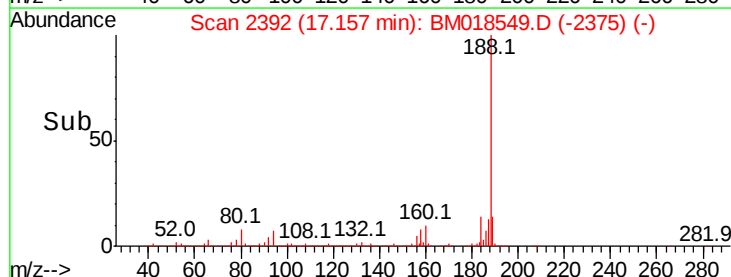
80 7.9 7.6 11.4

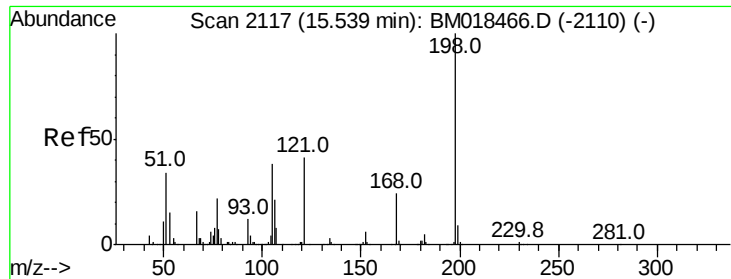


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





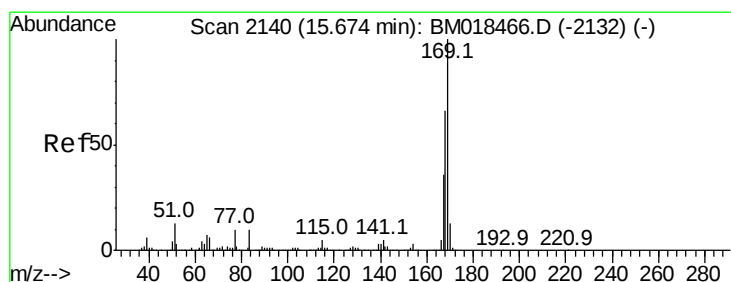
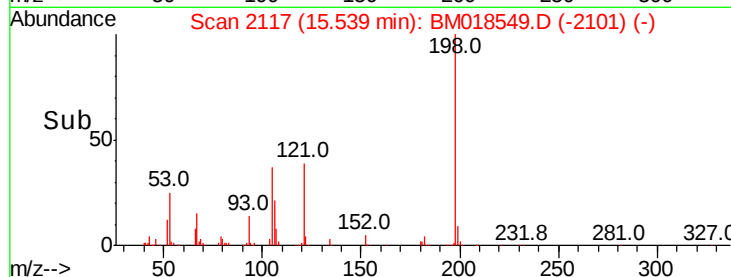
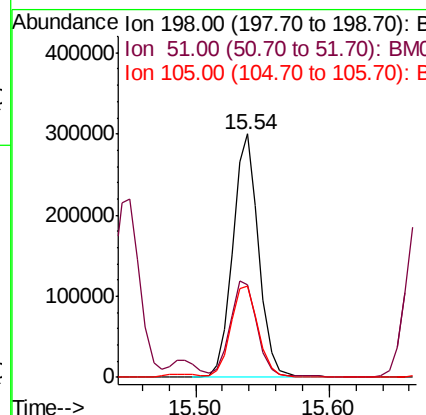
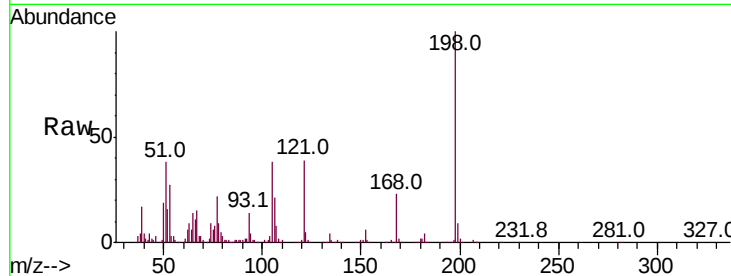
#65
4,6-Dinitro-2-methylphenol
Concen: 34.016 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :
PB116317BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	407341		
51	38.1	29.6	69.6	
105	37.7	25.5	65.5	

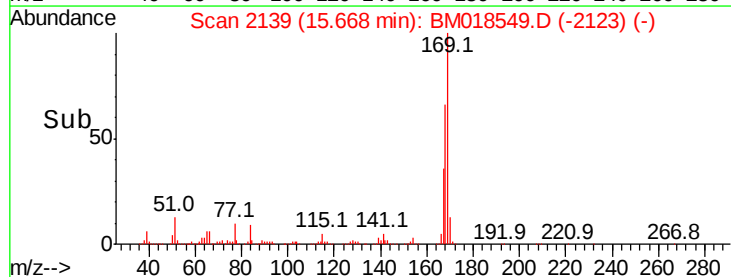
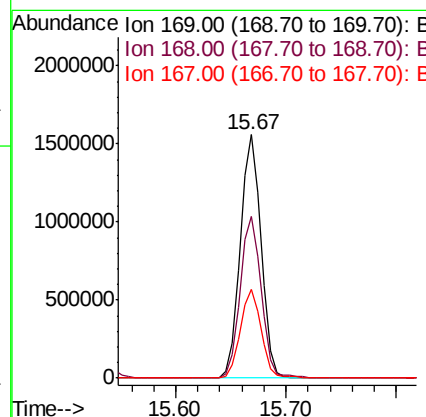
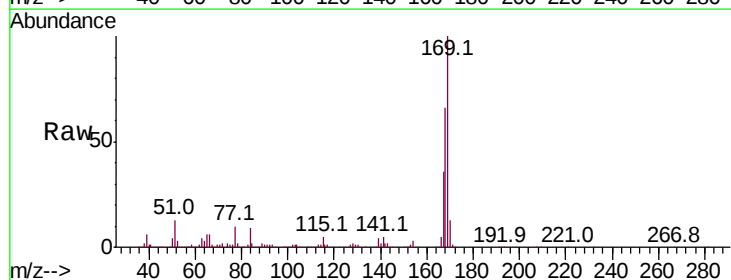
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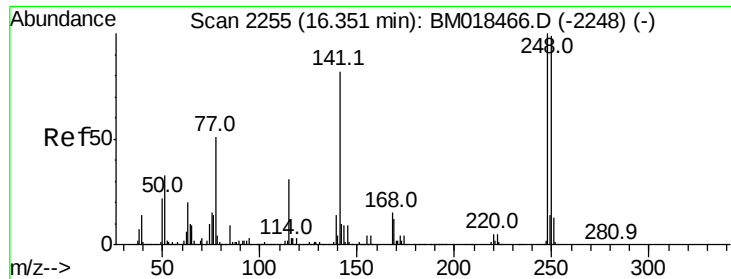
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#66
n-Nitrosodiphenylamine
Concen: 33.513 ng
RT: 15.67 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2060247		
168	66.2	54.1	81.1	
167	36.2	28.6	42.8	





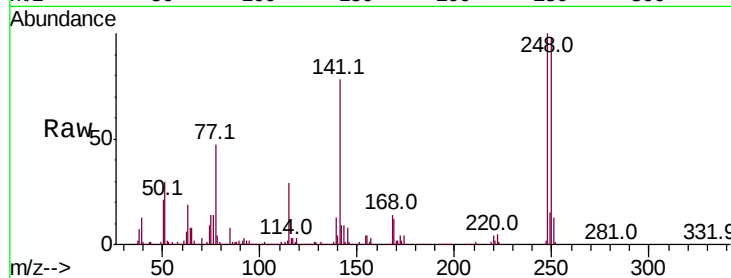
#67
4-Bromophenyl-phenylether
Concen: 32.699 ng
RT: 16.34 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :
PB116317BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.0	114.0
141	77.6	61.5	92.3

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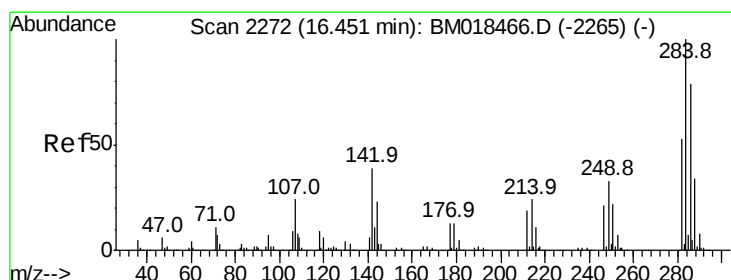
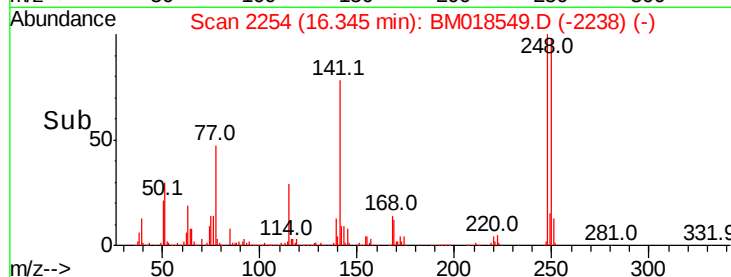
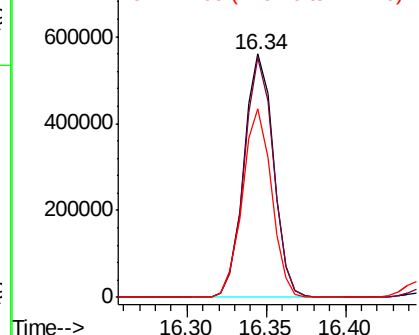


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 33.052 ng
RT: 16.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

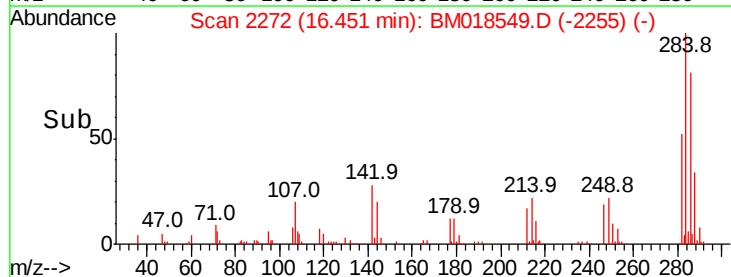
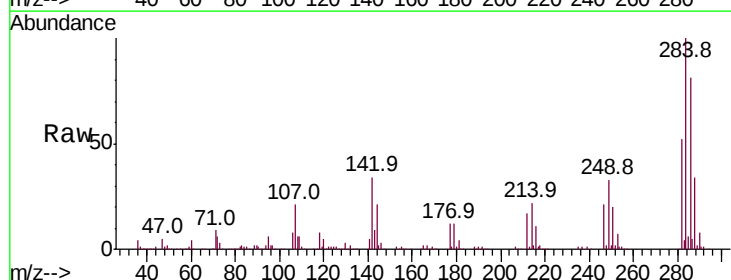
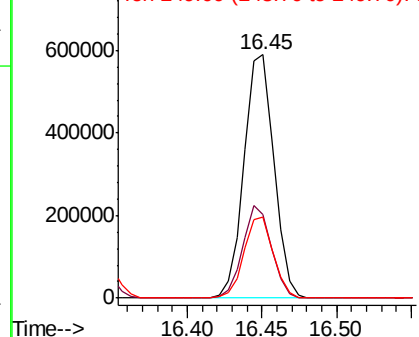
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	29.2	43.8
249	33.1	26.1	39.1

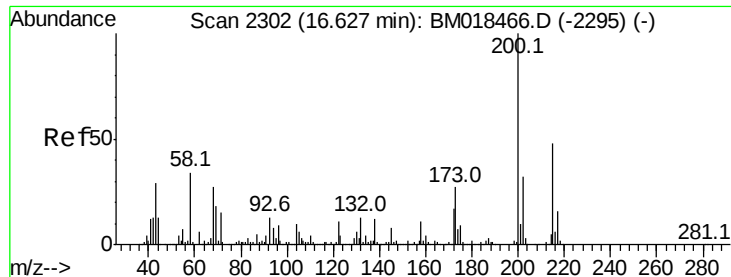
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





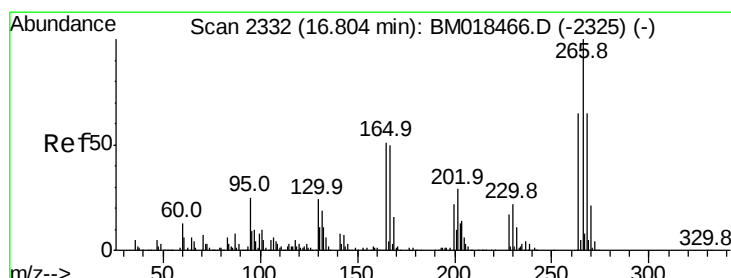
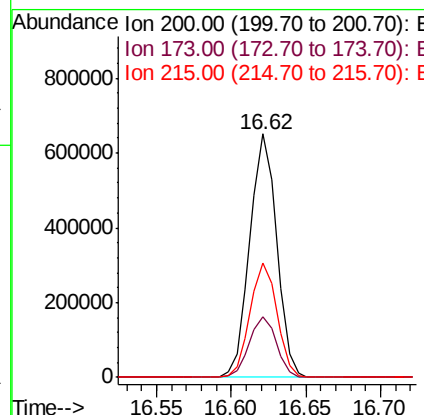
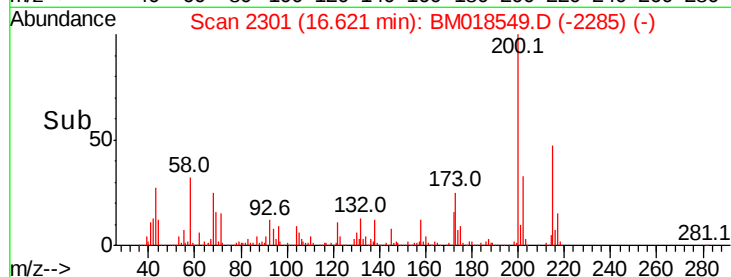
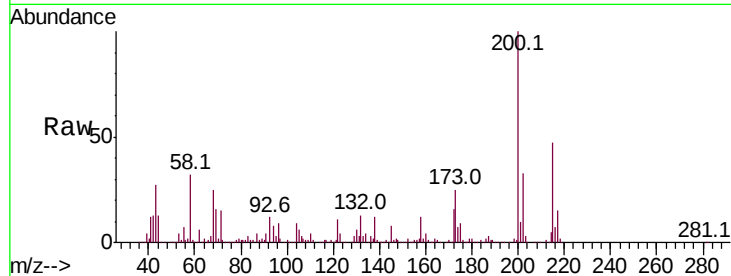
#69
Atrazine
Concen: 36.458 ng
RT: 16.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :
PB116317BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	7.2	47.2
215	47.0	28.3	68.3

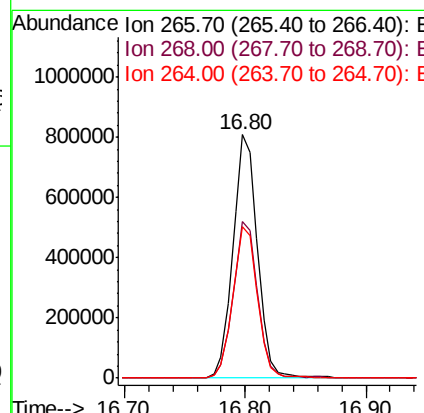
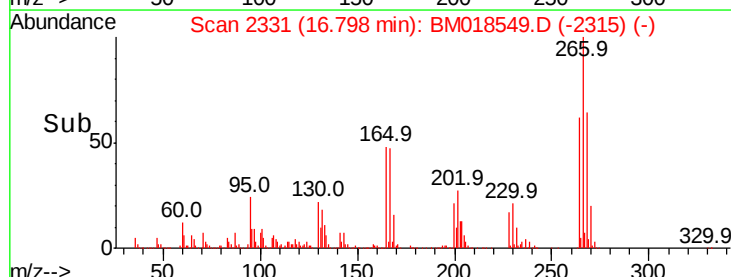
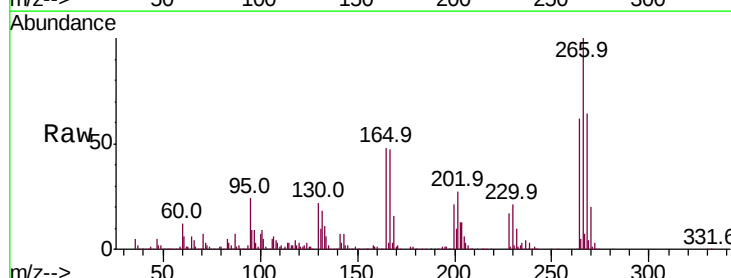
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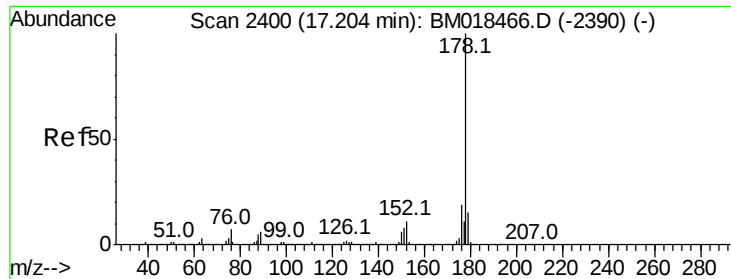
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#70
Pentachlorophenol
Concen: 70.202 ng
RT: 16.80 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	49.8	74.6
264	62.4	50.1	75.1





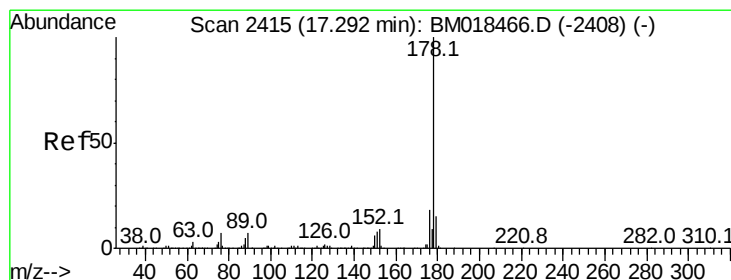
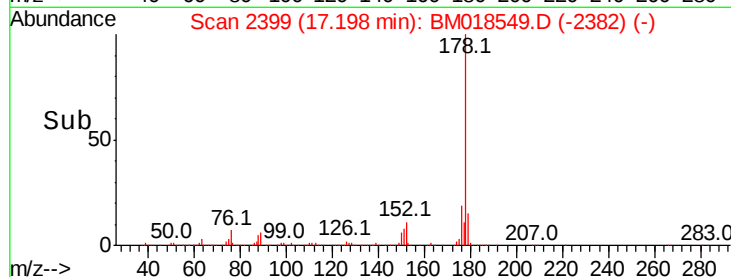
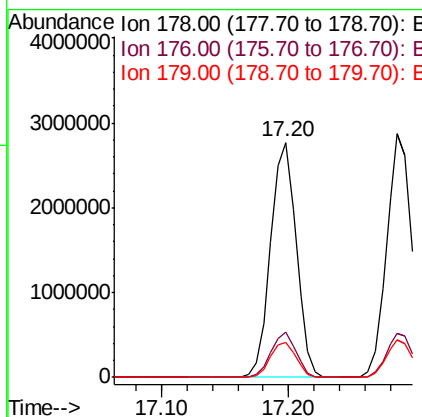
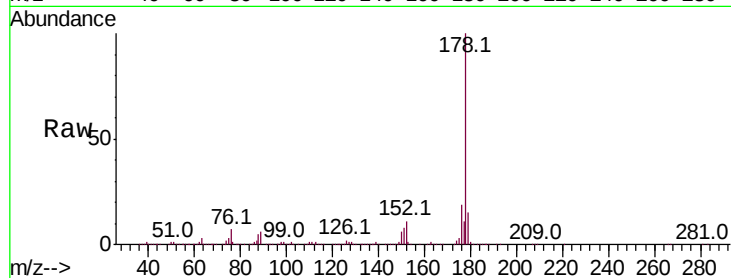
#71
Phenanthrene
Concen: 36.894 ng
RT: 17.20 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :
PB116317BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.1	12.2	18.4

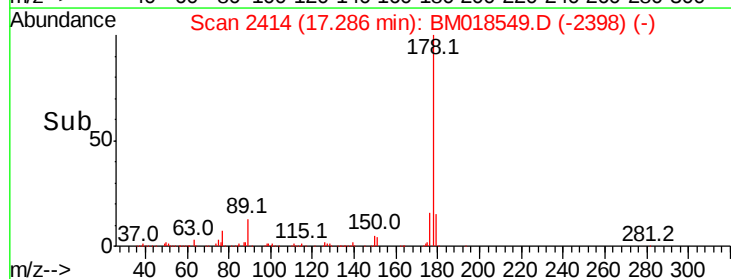
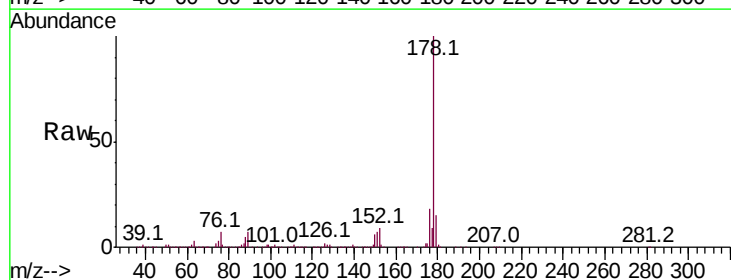
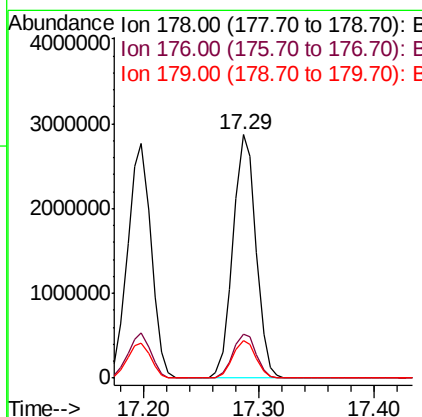
Manual Integrations
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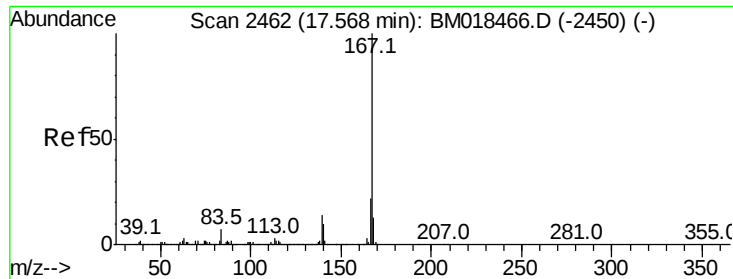
Sohil
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#72
Anthracene
Concen: 38.984 ng
RT: 17.29 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.3	12.2	18.4





#73

Carbazole

Concen: 36.234 ng

RT: 17.56 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

PB116317BSD

Tot Ion:167 Resp: 3773593

Ion Ratio Lower Upper

167 100

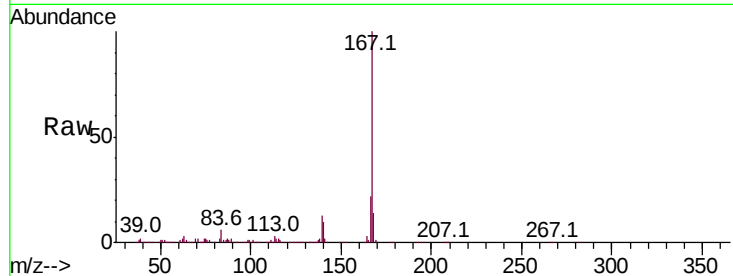
166 22.0 17.4 26.2

139 13.1 10.6 16.0

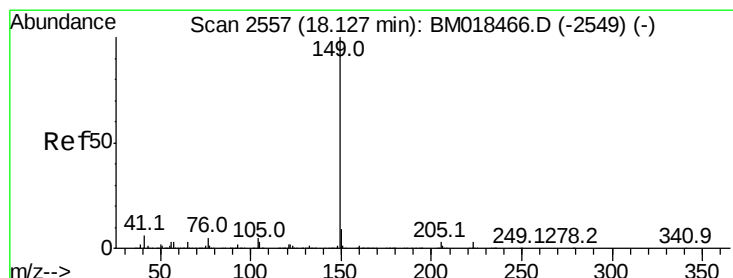
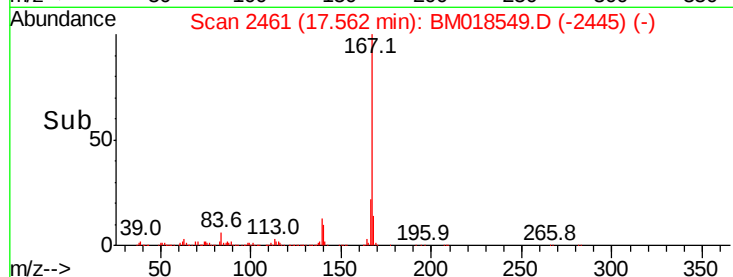
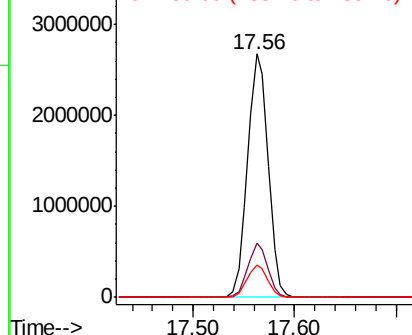
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.852 ng

RT: 18.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

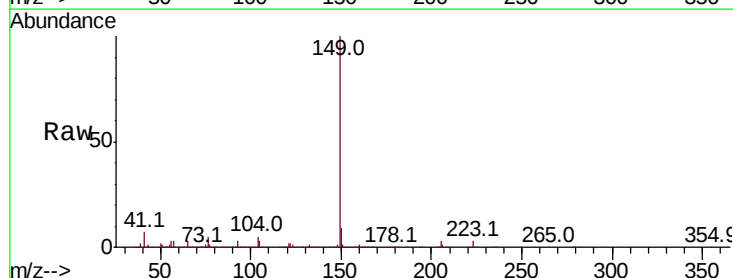
Tgt Ion:149 Resp: 4432092

Ion Ratio Lower Upper

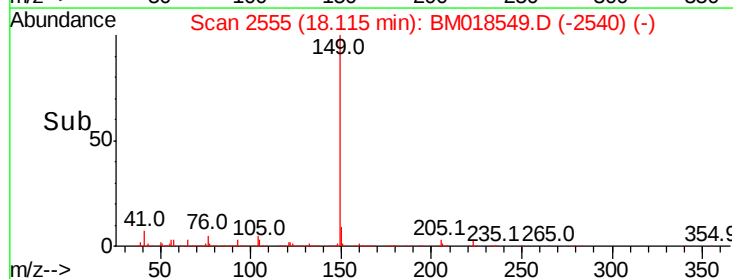
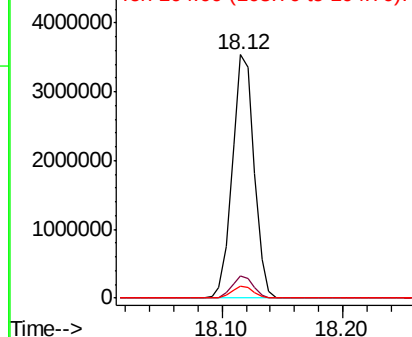
149 100

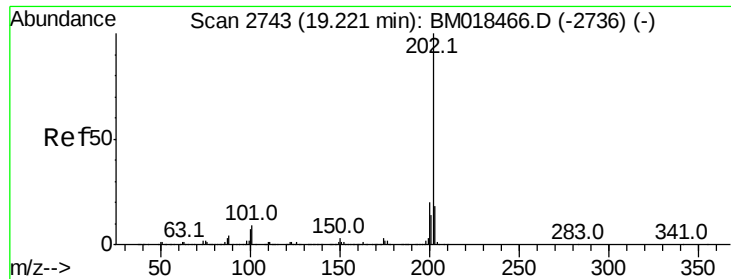
150 9.3 7.3 10.9

104 5.1 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





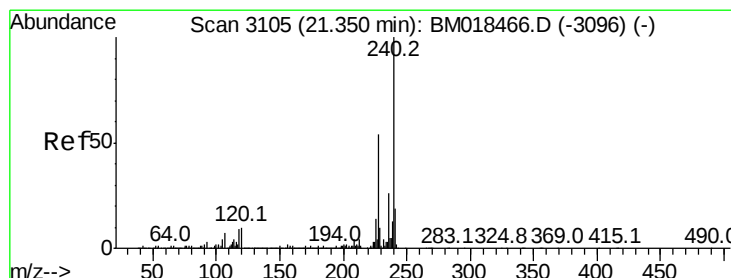
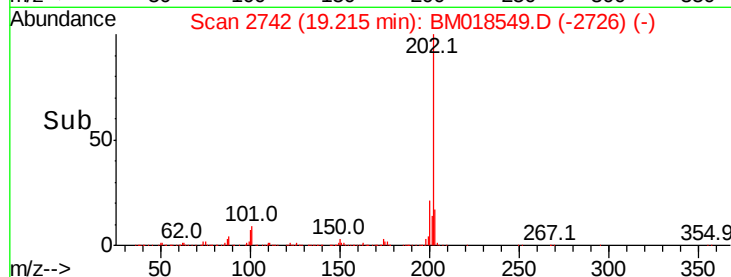
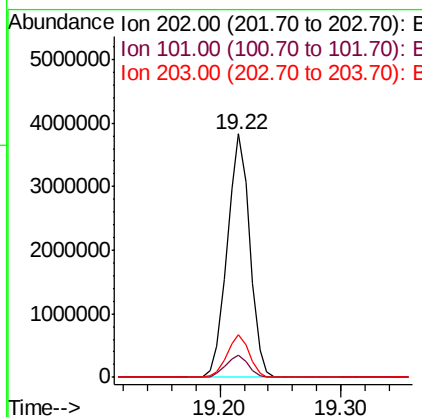
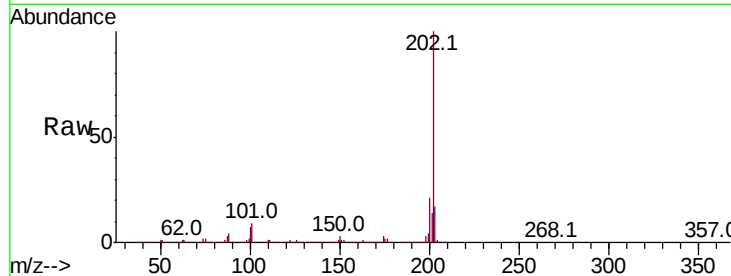
#75
 Fluoranthene
 Concen: 40.635 ng
 RT: 19.22 min Scan# 2742
 Delta R.T. -0.01 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Instrument :
 BNA_M
 ClientSampleId :
 PB116317BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.9
203	17.4	0.0	37.4

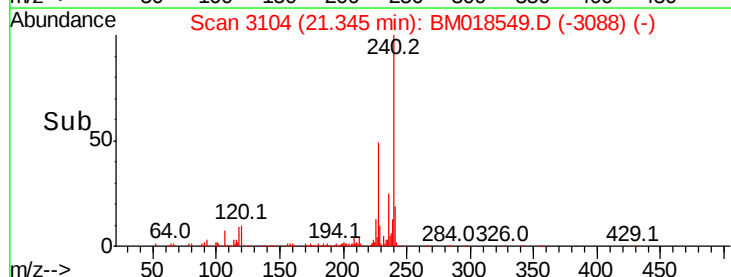
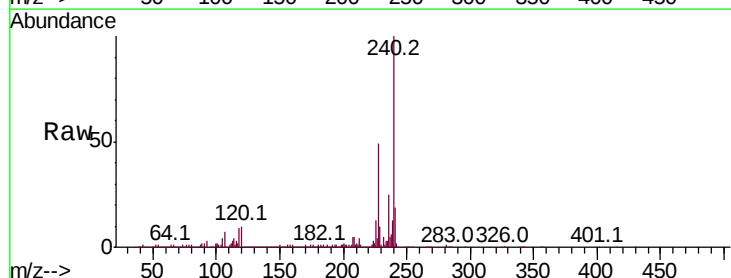
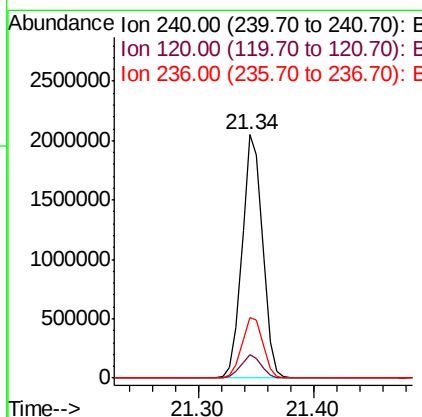
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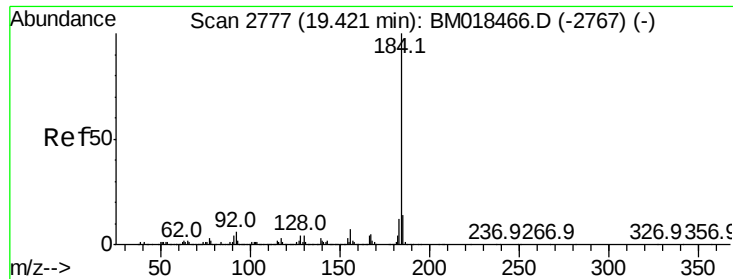
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.34 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.4	12.6
236	25.1	20.7	31.1





#77

Benzidine

Concen: 33.277 ng

RT: 19.41 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

PB116317BSD

Tot Ion:184 Resp: 2061849

Ion Ratio Lower Upper

184 100

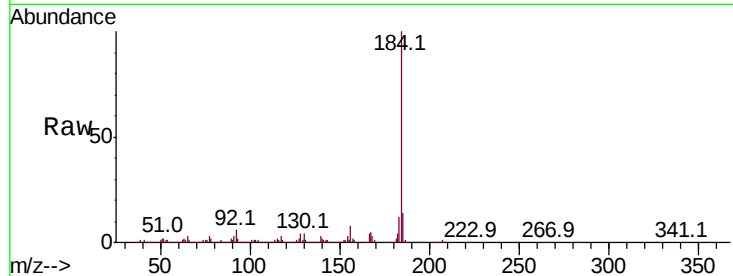
185 13.9 11.4 17.0

183 12.0 9.5 14.3

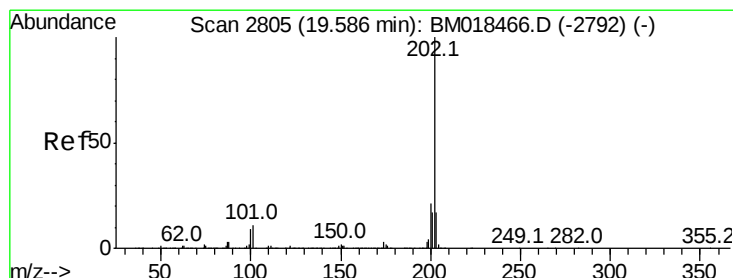
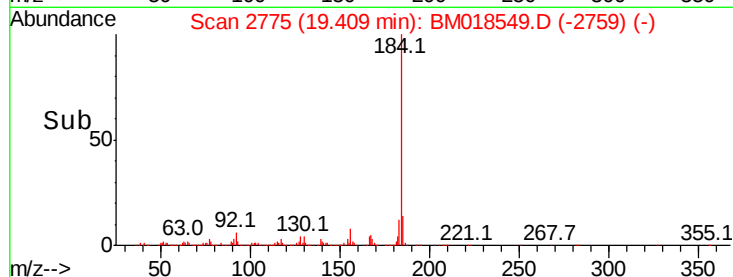
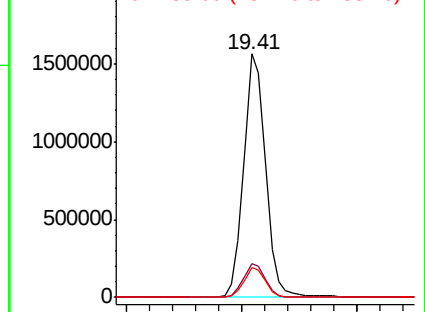
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.197 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

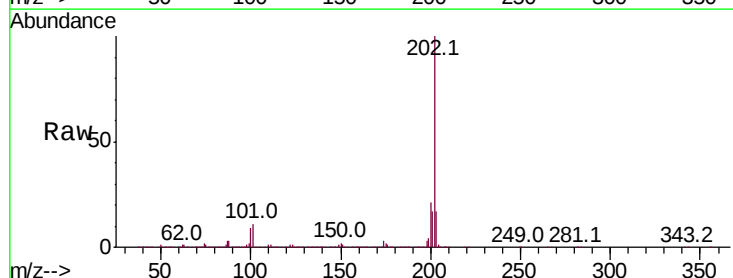
Tgt Ion:202 Resp: 5235377

Ion Ratio Lower Upper

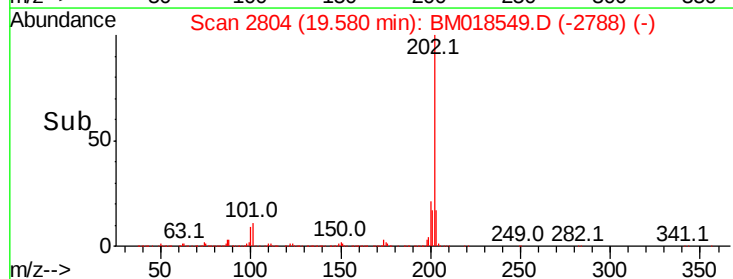
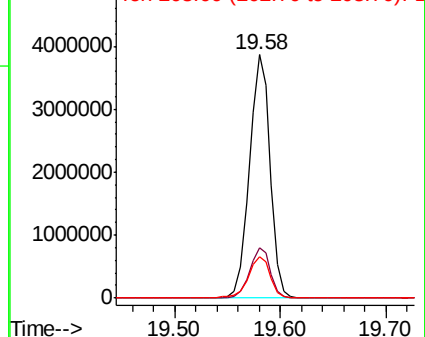
202 100

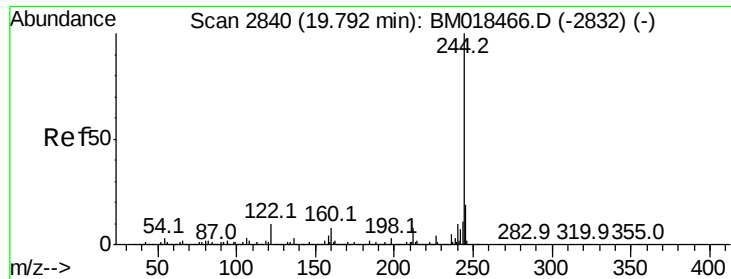
200 20.8 16.6 24.8

203 17.1 13.8 20.8



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





#79
 Terphenyl-d14
 Concen: 64.747 ng
 RT: 19.79 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

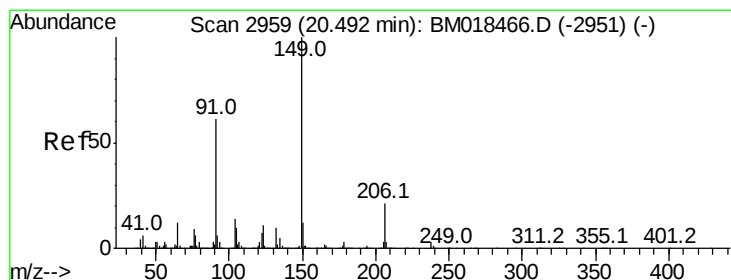
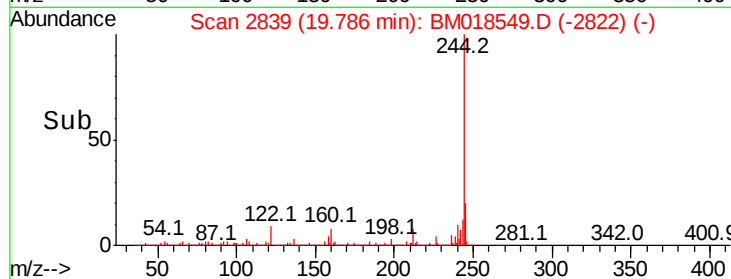
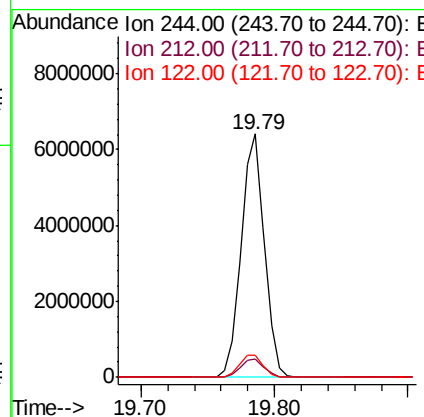
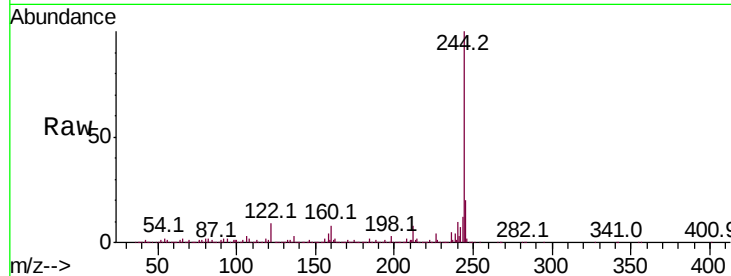
Instrument :
 BNA_M
 ClientSampleId :
 PB116317BSD

Tot Ion:244 Resp: 7707452

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	9.4	9.0	13.4

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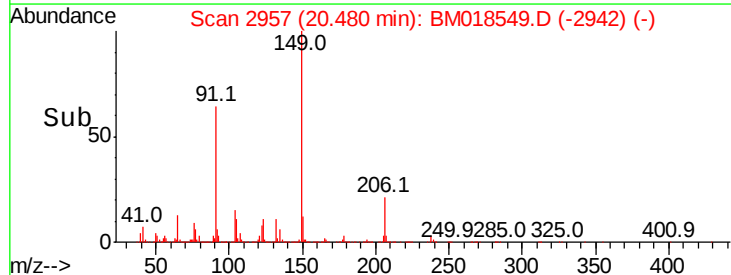
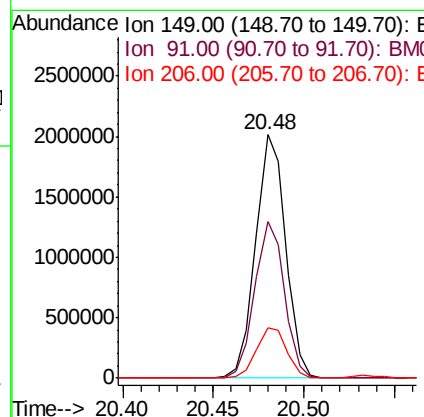
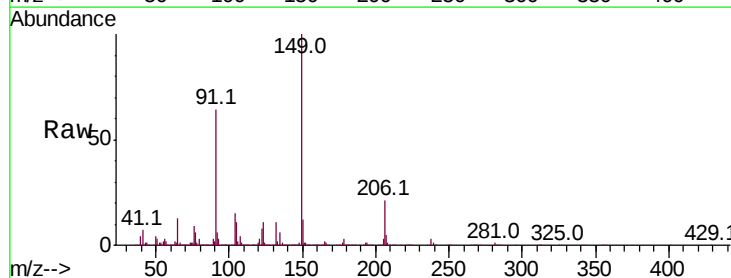
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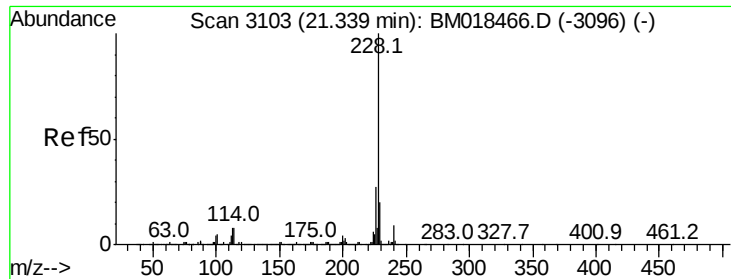


#80
 Butylbenzylphthalate
 Concen: 36.467 ng
 RT: 20.48 min Scan# 2957
 Delta R.T. -0.01 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Tgt Ion:149 Resp: 2314580

Ion	Ratio	Lower	Upper
149	100		
91	64.4	53.1	79.7
206	20.7	16.2	24.4





#81

Benzo(a)anthracene

Concen: 37.841 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

PB116317BSD

Tot Ion:228 Resp: 5594139

Ion Ratio Lower Upper

228 100

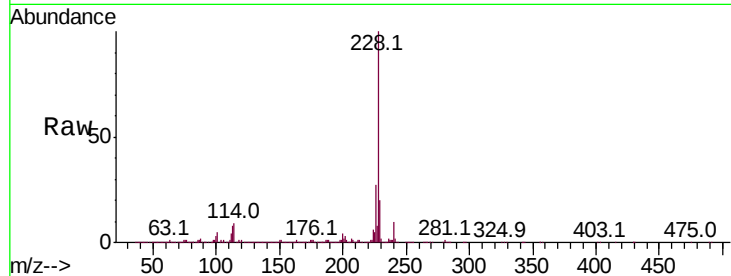
226 27.3 21.8 32.6

229 19.8 15.8 23.8

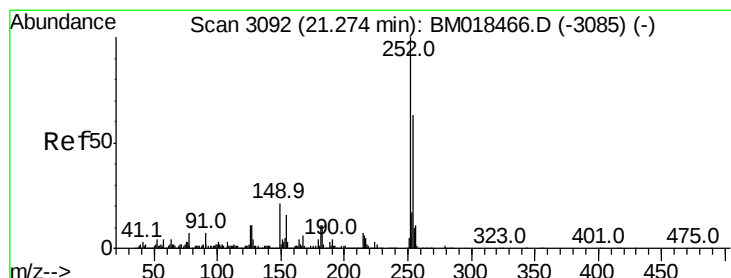
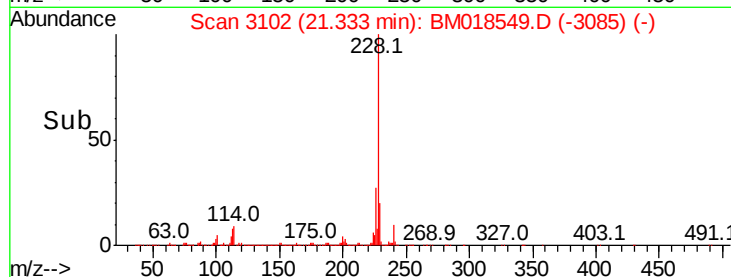
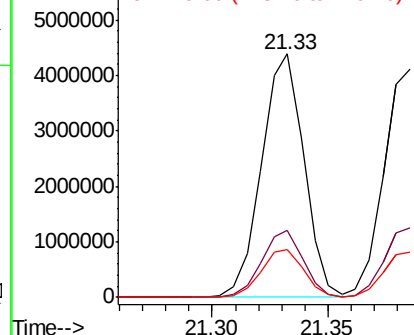
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Abundance Ion 228.00 (227.70 to 228.70): E
6000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.299 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

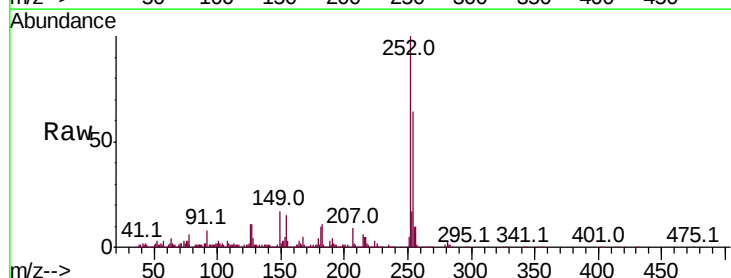
Tgt Ion:252 Resp: 1078887

Ion Ratio Lower Upper

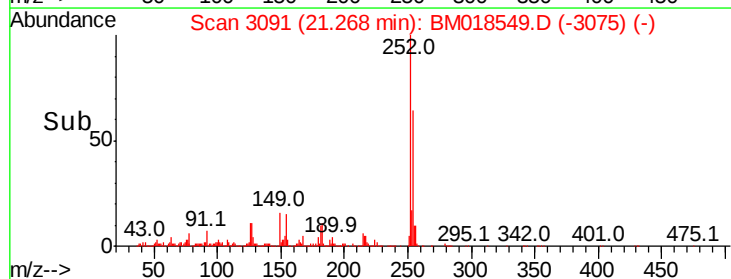
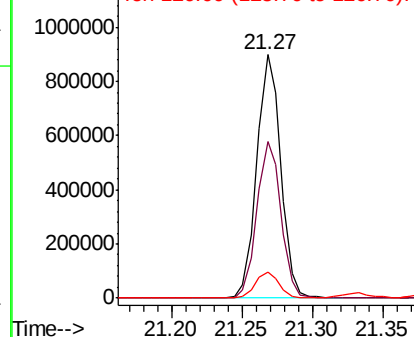
252 100

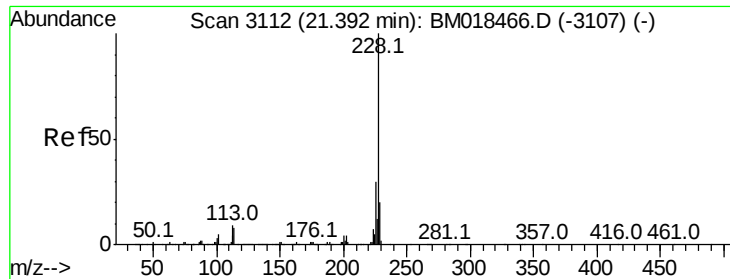
254 64.4 51.4 77.0

126 10.7 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
1200000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





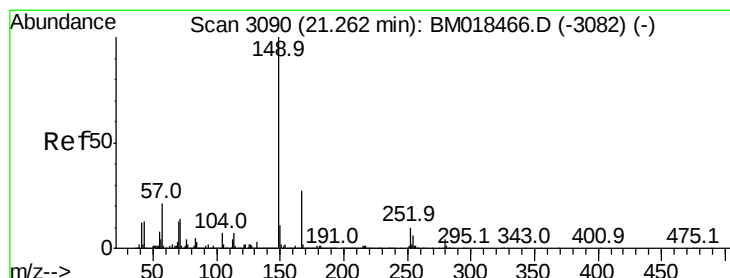
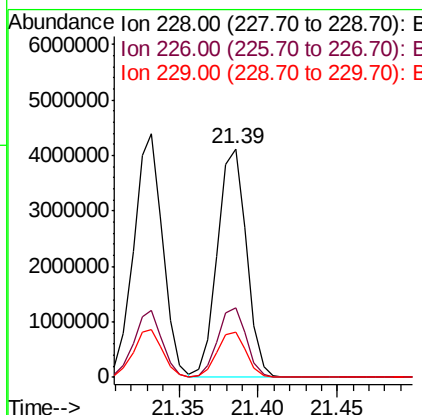
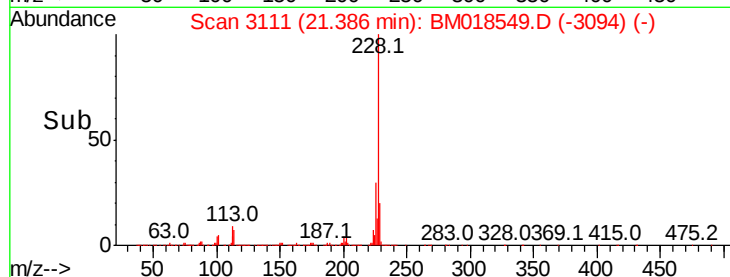
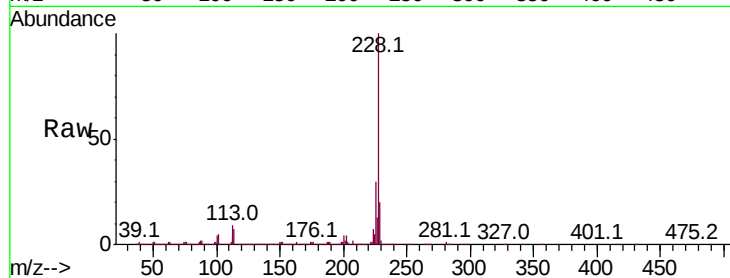
#83
 Chrvsene
 Concen: 36.606 ng
 RT: 21.39 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Instrument :
 BNA_M
 ClientSampleId :
 PB116317BSD

Tot Ion:228 Resp: 5225767
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.2
 229 19.7 15.6 23.4

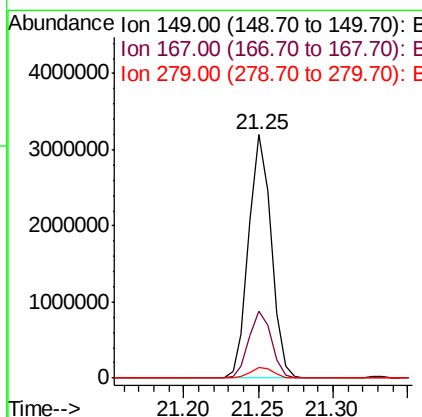
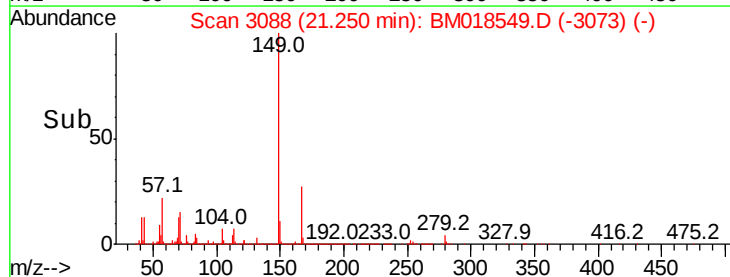
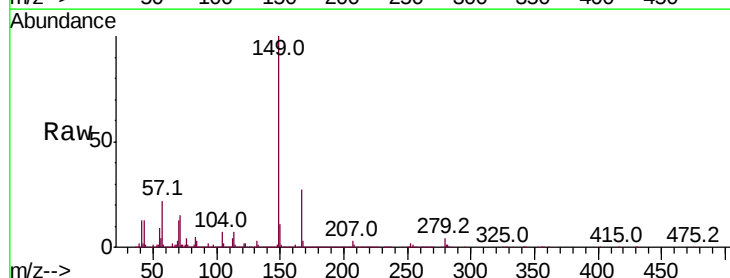
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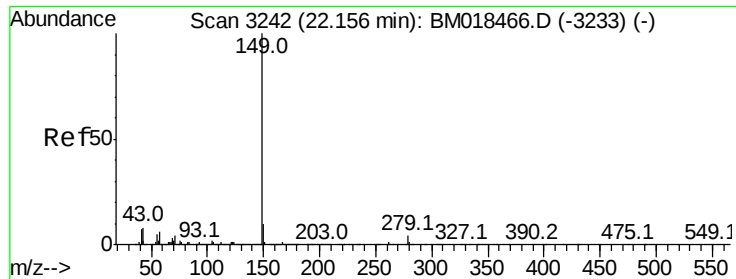
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.298 ng
 RT: 21.25 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Tgt Ion:149 Resp: 3326793
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.6 32.4
 279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 39.715 ng

RT: 22.14 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

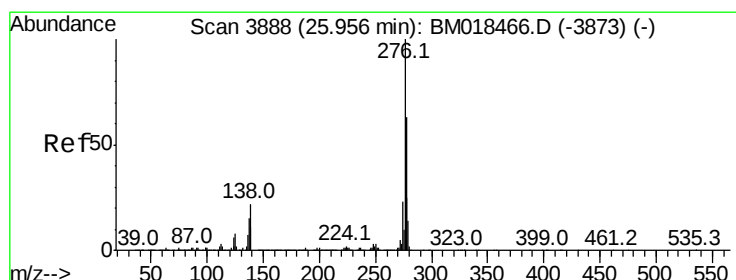
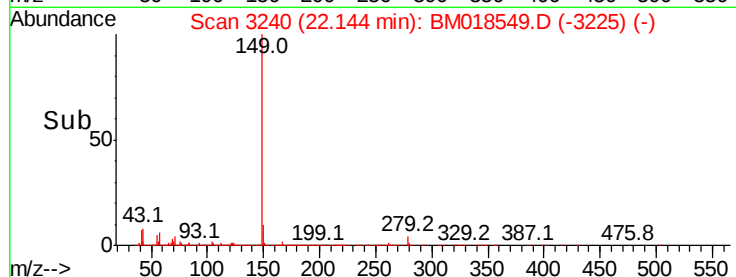
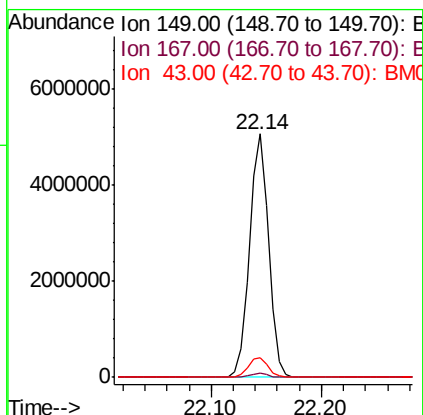
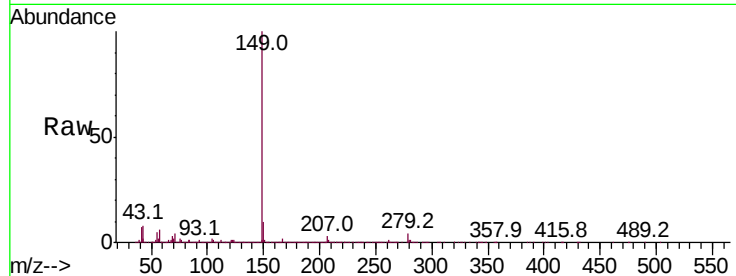
ClientSampleId :

PB116317BSD

Tot Ion:	149	Resp:	6122112
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.3	8.6	12.8#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 48.319 ng

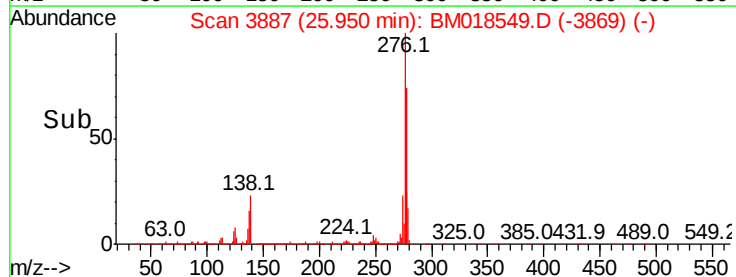
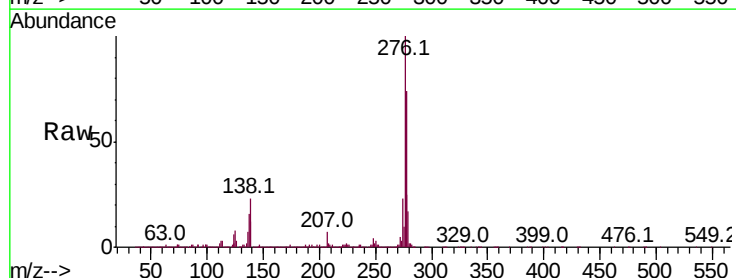
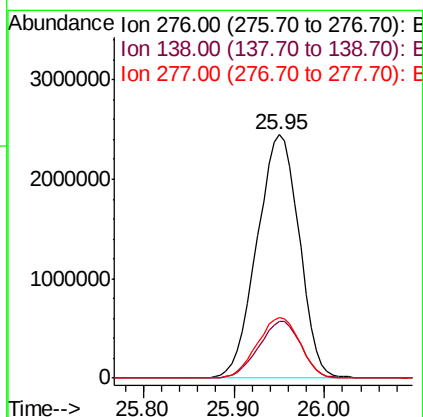
RT: 25.95 min Scan# 3887

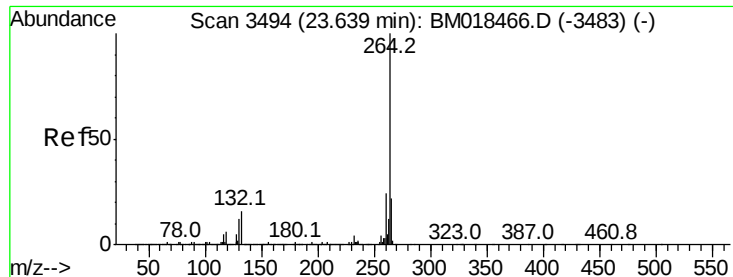
Delta R.T. 0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Tgt Ion:	276	Resp:	7953946
Ion Ratio	Lower	Upper	
276	100		
138	23.4	21.5	32.3
277	25.2	20.2	30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

PB116317BSD

Tot Ion:264 Resp: 2943723

Ion Ratio Lower Upper

264 100

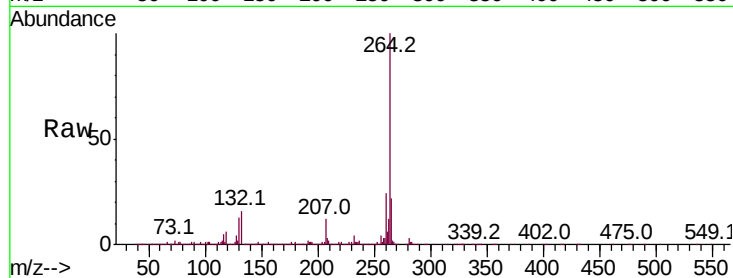
260 23.5 18.9 28.3

265 21.7 16.8 25.2

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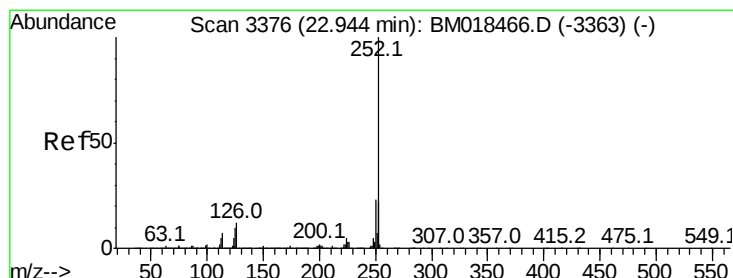
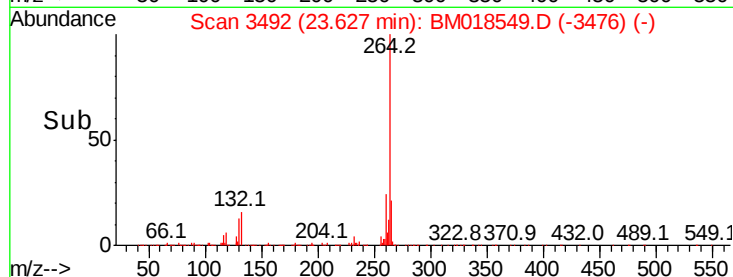
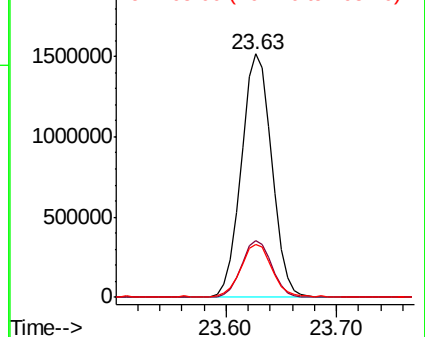


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.592 ng

RT: 22.94 min Scan# 3375

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

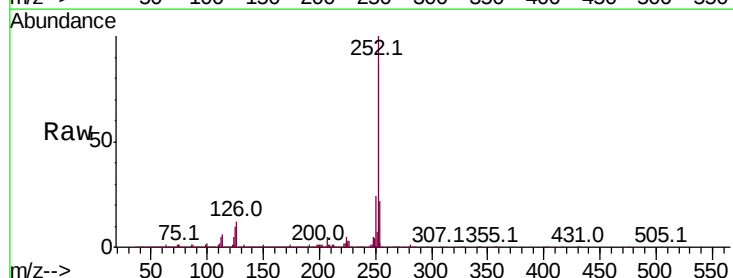
Tgt Ion:252 Resp: 6115387

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.6 8.5 12.7

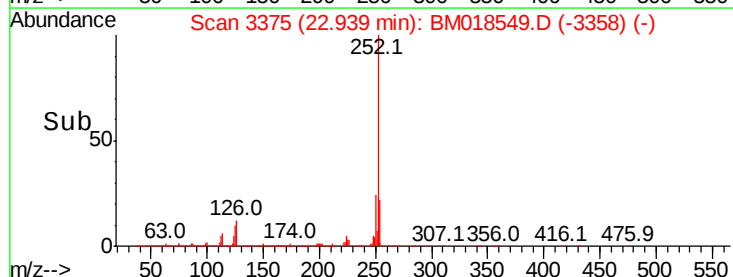
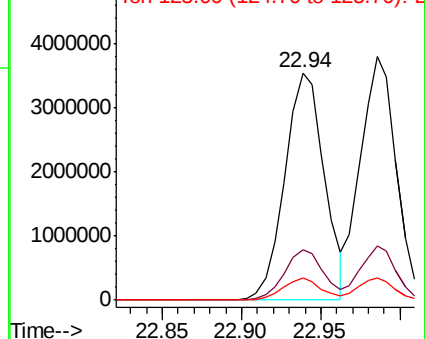


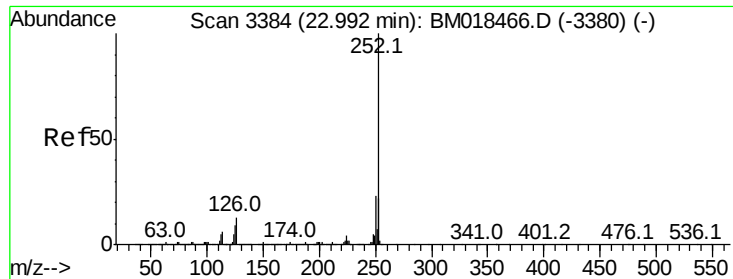
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





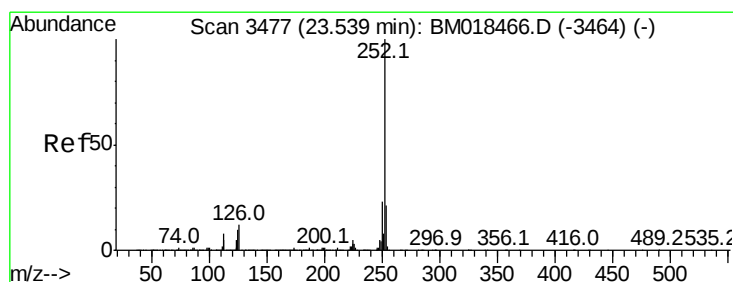
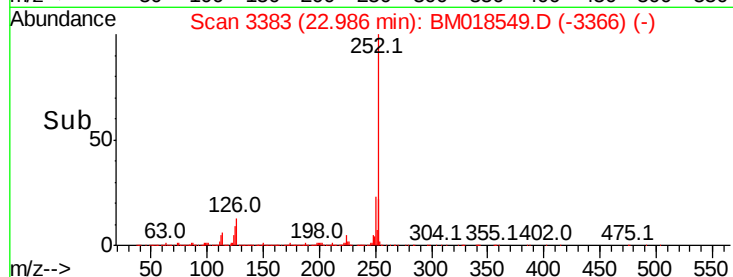
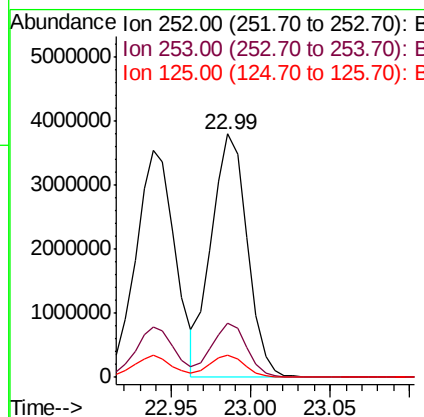
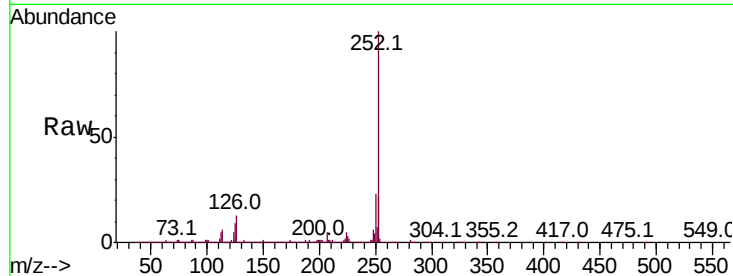
#89
Benzo(k)fluoranthene
Concen: 35.554 ng
RT: 22.99 min Scan# 3383
Delta R.T. -0.00 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :
PB116317BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	9.3	8.6	12.8

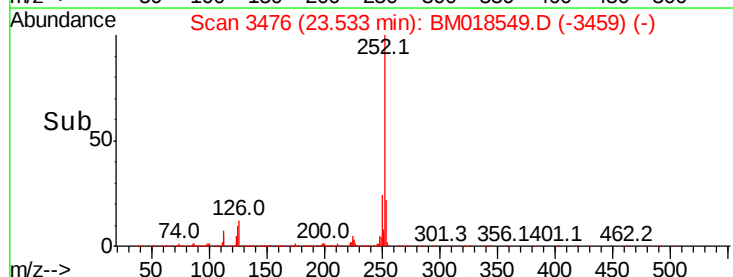
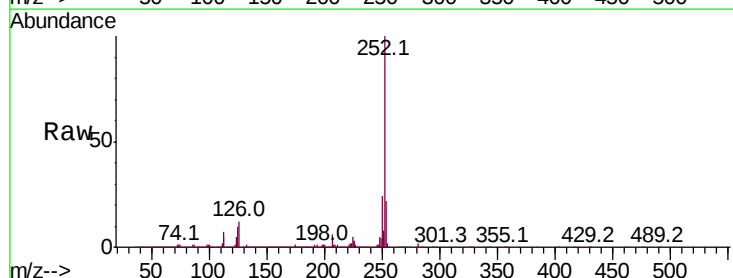
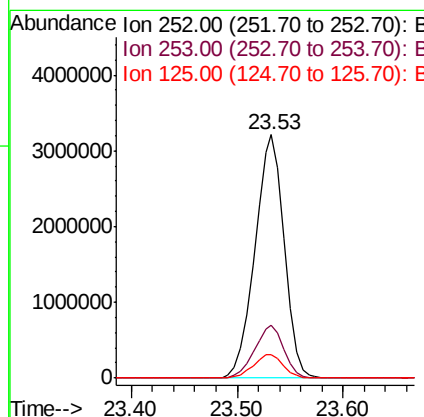
Manual Integrations
APPROVED

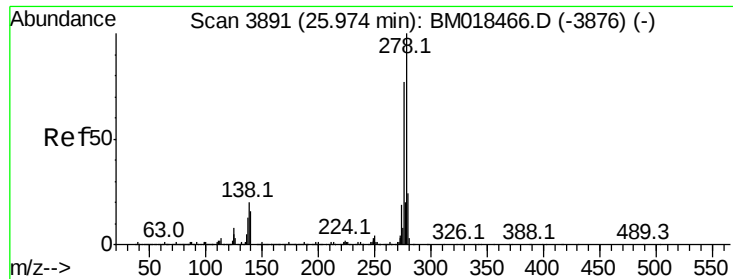
Sohil
1/14/2019 4:43:11 PM



#90
Benzo(a)pyrene
Concen: 38.482 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.00 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	9.8	9.7	14.5





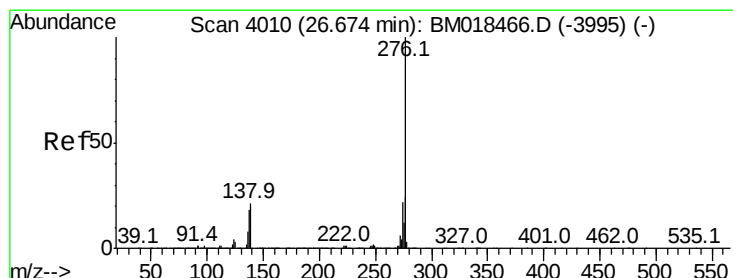
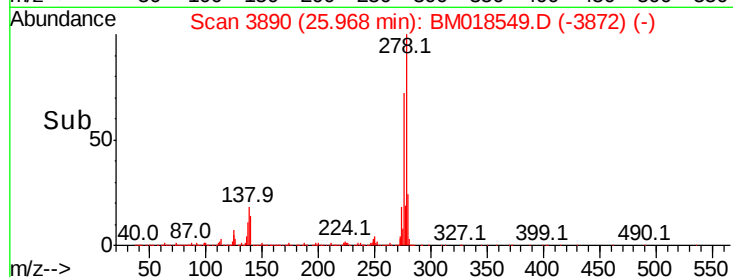
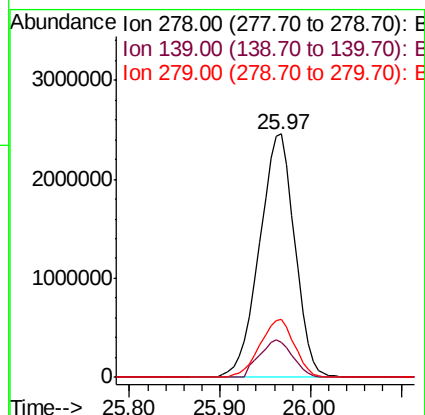
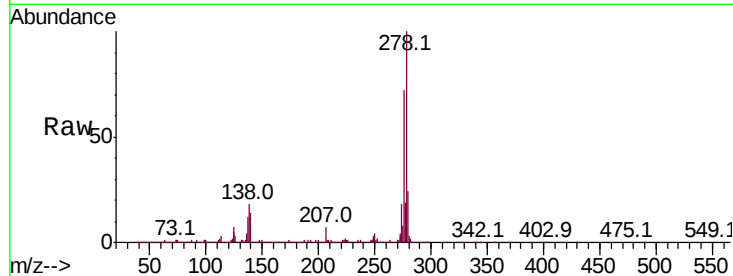
#91
Dibenzo(a,h)anthracene
Concen: 41.003 ng
RT: 25.97 min Scan# 3890
Delta R.T. 0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :
PB116317BSD

Tot Ion:278 Resp: 6647125
Ion Ratio Lower Upper
278 100
139 14.4 13.2 19.8
279 23.7 19.0 28.4

Manual Integrations
APPROVED

Sohil
1/14/2019 4:43:11 PM



#92
Benzo(g,h,i)perylene
Concen: 42.031 ng
RT: 26.66 min Scan# 4008
Delta R.T. 0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion:276 Resp: 6630751
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.4
138 19.9 18.1 27.1

