

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016459.D
 Acq On : 18 Aug 2018 04:23
 Operator : SJ/JU
 Sample : PB112169BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Manual Integrations
 APPROVED

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 8/20/2018 4:17:11 PM

Quant Time: Aug 18 05:16:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 16:27:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	11278	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	54491	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	41640	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	114064	20.00	ng	0.00
75) Chrysene-d12	21.58	240	171048	20.00	ng	0.00
86) Perylene-d12	23.89	264	170955	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	82195	122.48	ng	0.00
7) Phenol-d6	7.23	99	113294	125.60	ng	0.00
23) Nitrobenzene-d5	9.24	82	91334	69.81	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	78315	124.52	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	259941	64.91	ng	-0.01
78) Terphenyl-d14	20.03	244	674689	59.62	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	10167	30.253	ng	# 100
3) Pyridine	3.83	79	18336	27.101	ng	# 65
4) n-Nitrosodimethylamine	3.75	42	28355	36.372	ng	# 27
6) Aniline	7.39	93	25741	27.578	ng	# 85
8) 2-Chlorophenol	7.62	128	33255	40.194	ng	# 96
9) Benzaldehyde	7.21	77	16408	27.665	ng	# 80
10) Phenol	7.26	94	37551	42.977	ng	# 83
11) bis(2-Chloroethyl)ether	7.48	93	22709	34.235	ng	# 86
12) 1,3-Dichlorobenzene	7.94	146	31063	32.758	ng	# 86
13) 1,4-Dichlorobenzene	8.09	146	31432	32.790	ng	# 92
14) 1,2-Dichlorobenzene	8.40	146	32611	34.630	ng	# 93
15) Benzyl Alcohol	8.32	79	35363	43.192	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	8.59	45	28866	34.570	ng	# 83
17) 2-Methylphenol	8.52	107	27496	43.550	ng	# 74
18) Hexachloroethane	9.12	117	16164	32.745	ng	# 91
19) n-Nitroso-di-n-propylamine	8.87	70	25024	36.540	ng	# 63
20) 3+4-Methylphenols	8.85	107	38603	44.491	ng	# 80
22) Acetophenone	8.90	105	49627	33.958	ng	# 70
24) Nitrobenzene	9.29	77	42644	33.811	ng	# 95
25) Isophorone	9.80	82	71256	40.832	ng	# 95
26) 2-Nitrophenol	10.00	139	17876	33.692	ng	# 27
27) 2,4-Dimethylphenol	10.05	122	34724	48.956	ng	# 73
28) bis(2-Chloroethoxy)methane	10.27	93	37660	37.306	ng	# 99
29) 2,4-Dichlorophenol	10.53	162	40010	41.726	ng	# 98
30) 1,2,4-Trichlorobenzene	10.73	180	38324	33.798	ng	# 98
31) Naphthalene	10.92	128	106089	38.387	ng	# 96
32) Benzoic acid	10.23	122	24923	43.261	ng	# 75
33) 4-Chloroaniline	11.05	127	26871	22.686	ng	# 81
34) Hexachlorobutadiene	11.16	225	31414	32.140	ng	# 100
35) Caprolactam	11.86	113	11715m	47.656	ng	# 85
36) 4-Chloro-3-methylphenol	12.17	107	47402	43.352	ng	# 84
37) 2-Methylnaphthalene	12.52	142	89135	43.476	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	56017	32.861	ng	# 96
40) Hexachlorocyclopentadiene	12.84	237	44947	65.337	ng	# 96

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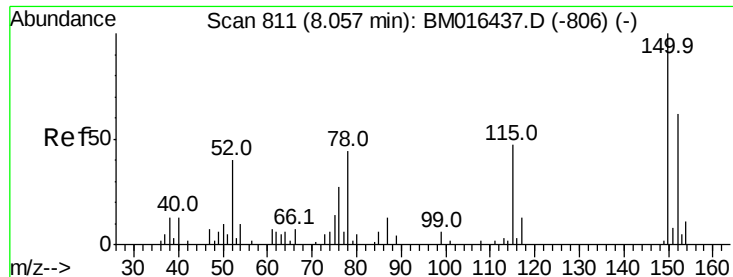
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 8/20/2018 4:17:11 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	39264	36.853	nq	98
43) 2,4,5-Trichlorophenol	13.22	196	41476	39.902	nq	# 83
45) 1,1'-Biphenyl	13.53	154	129704	33.654	nq	98
46) 2-Chloronaphthalene	13.58	162	99146	32.975	nq	# 89
47) 2-Nitroaniline	13.80	65	38611	37.030	nq	# 74
48) Acenaphthylene	14.42	152	175042	38.717	nq	97
49) Dimethylphthalate	14.16	163	160882	39.399	nq	# 99
50) 2,6-Dinitrotoluene	14.30	165	31223	40.285	nq	# 36
51) Acenaphthene	14.76	154	98962	36.271	nq	94
52) 3-Nitroaniline	14.64	138	21439	28.075	nq	# 77
53) 2,4-Dinitrophenol	14.86	184	36905	89.669	nq	# 62
54) Dibenzofuran	15.10	168	179320	37.300	nq	# 77
55) 4-Nitrophenol	14.95	139	45458	91.137	nq	# 86
56) 2,4-Dinitrotoluene	15.10	165	50553	39.021	nq	# 65
57) Fluorene	15.74	166	149039	40.578	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.33	232	42919	44.070	nq	# 100
59) Diethylphthalate	15.51	149	181771	39.229	nq	94
60) 4-Chlorophenyl-phenylether	15.73	204	81860	35.229	nq	# 79
61) 4-Nitroaniline	15.80	138	29931	40.539	nq	# 1
62) Azobenzene	16.02	77	206159	38.580	nq	# 69
64) 4,6-Dinitro-2-methylphenol	15.86	198	27267	34.280	nq	89
65) n-Nitrosodiphenylamine	15.95	169	133361	34.551	nq	94
66) 4-Bromophenyl-phenylether	16.62	248	52031	33.915	nq	# 76
67) Hexachlorobenzene	16.74	284	52031	34.560	nq	# 60
68) Atrazine	16.90	200	61629	43.556	nq	95
69) Pentachlorophenol	17.09	266	55765	64.690	nq	97
70) Phenanthrene	17.48	178	251247	38.878	nq	100
71) Anthracene	17.57	178	257470	40.133	nq	99
72) Carbazole	17.85	167	229714	36.995	nq	# 96
73) Di-n-butylphthalate	18.37	149	330776	37.119	nq	# 95
74) Fluoranthene	19.48	202	333610	42.733	nq	96
76) Benzidine	19.67	184	158372	42.069	nq	99
77) Pyrene	19.84	202	350462	31.049	nq	99
79) Butylbenzylphthalate	20.70	149	178349	33.713	nq	# 75
80) Benzo(a)anthracene	21.56	228	432147	39.049	nq	98
81) 3,3'-Dichlorobenzidine	21.50	252	95093	24.137	nq	100
82) Chrysene	21.62	228	396429	38.117	nq	99
83) Bis(2-ethylhexyl)phthalate	21.46	149	270543	35.850	nq	93
84) Di-n-octyl phthalate	22.35	149	485915	42.928	nq	# 88
85) Indeno(1,2,3-cd)pyrene	26.24	276	512010	60.187	nq	99
87) Benzo(b)fluoranthene	23.19	252	434437	38.364	nq	# 93
88) Benzo(k)fluoranthene	23.24	252	415000	36.671	nq	# 95
89) Benzo(a)pyrene	23.79	252	414979	40.485	nq	# 97
90) Dibenzo(a,h)anthracene	26.24	278	437005	47.542	nq	# 92
91) Benzo(g,h,i)perylene	26.96	276	382757	46.330	nq	# 87

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



#1

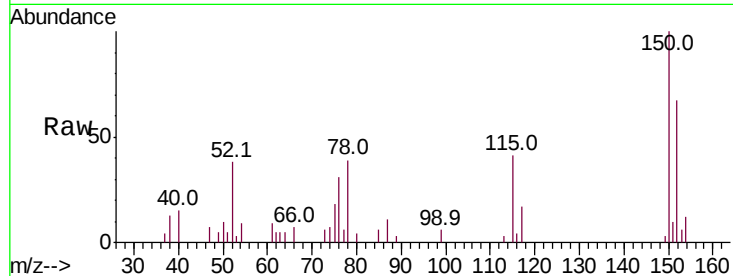
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.00 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Instrument :
BNA_M
ClientSampled :
PB112169BS

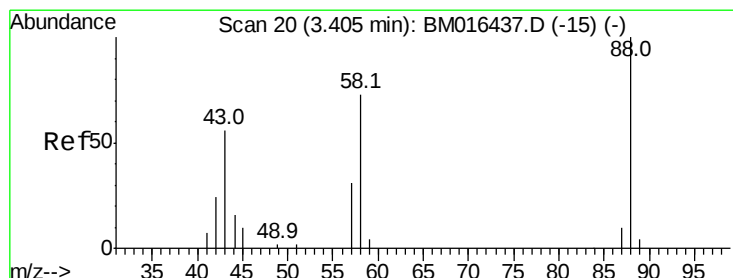
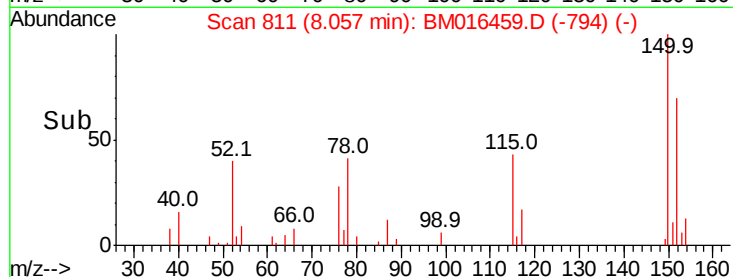
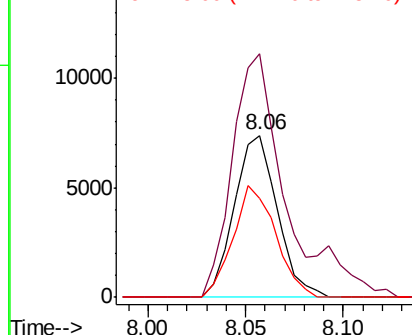
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	119.5	179.3
115	61.1	43.0	64.4

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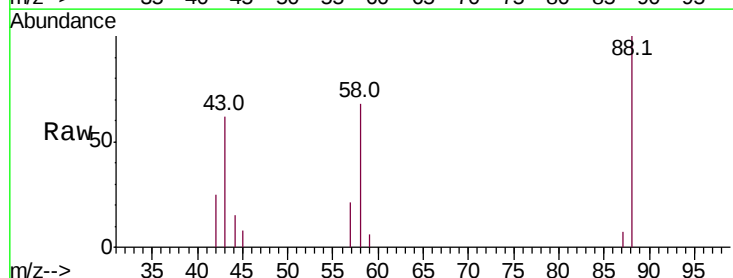
Abundance Ion 152.00 (151.70 to 152.70): E
15000 Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



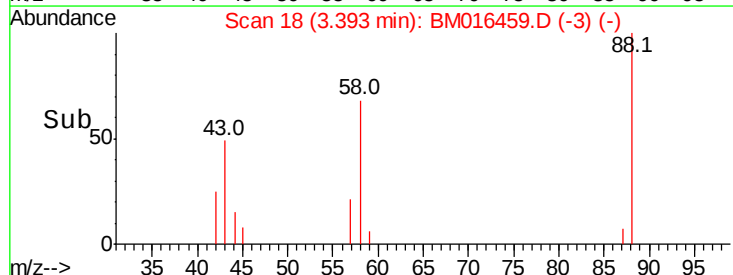
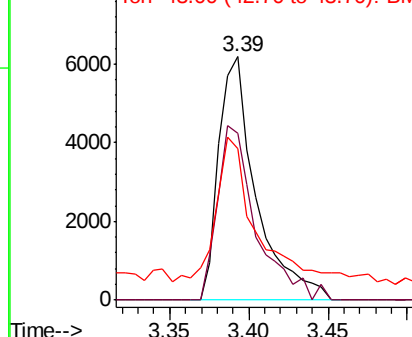
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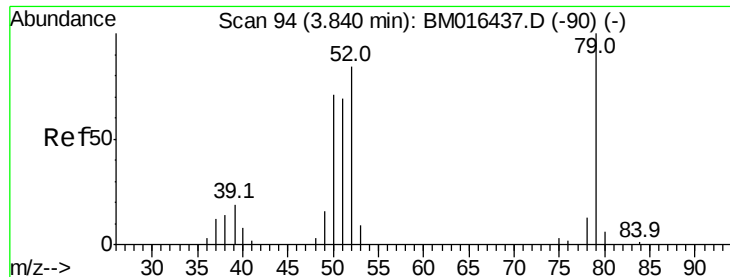
1,4-Dioxane
Concen: 30.253 ng
RT: 3.39 min Scan# 18
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.9	0.0	0.0#
43	61.1	0.0	0.0#



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: 27.101 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Instrument :

BNA_M

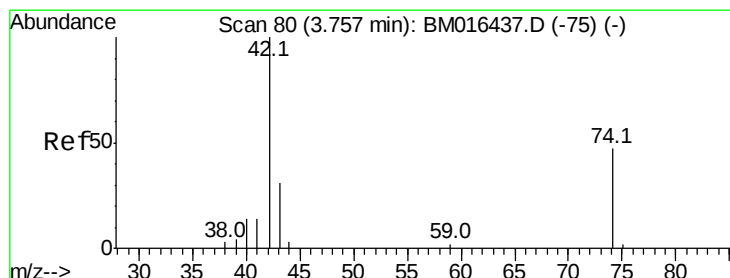
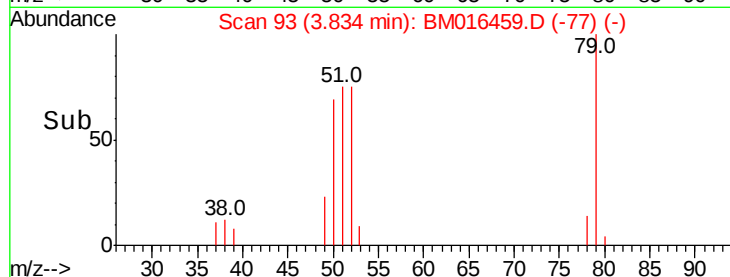
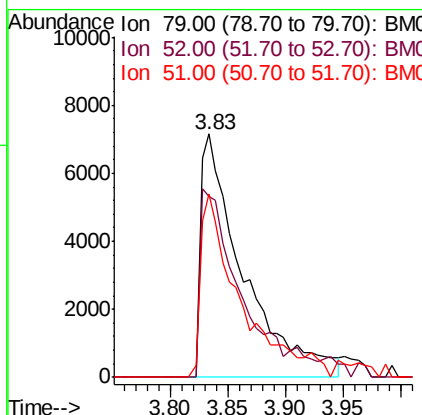
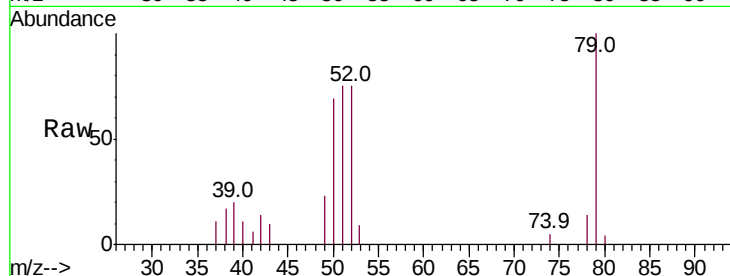
ClientSampleId :

PB112169BS

Tot Ion:	79	Resp:	18336
Ion Ratio	Lower	Upper	
79	100		
52	74.6	51.1	76.7
51	75.4	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 36.372 ng

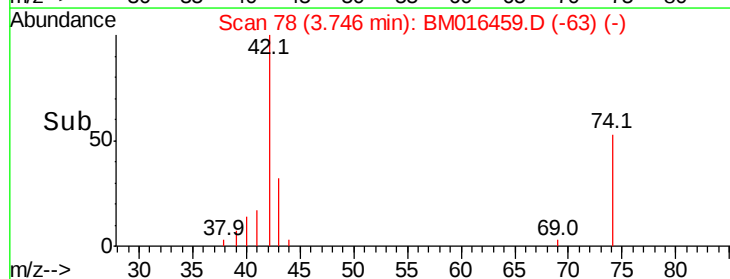
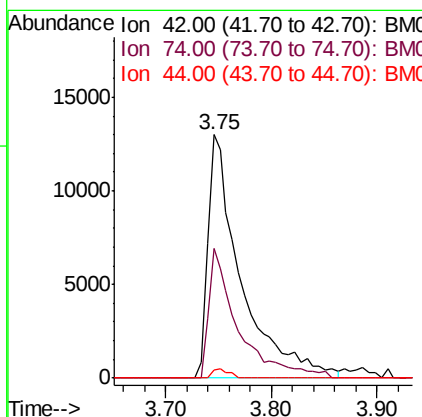
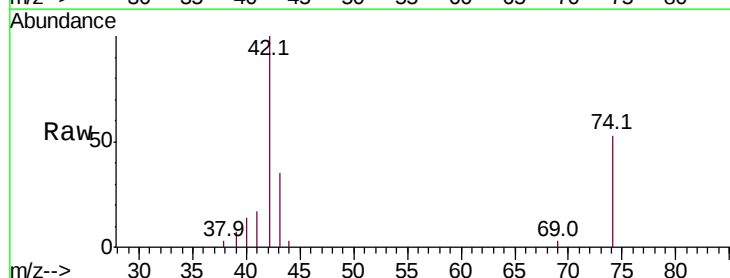
RT: 3.75 min Scan# 78

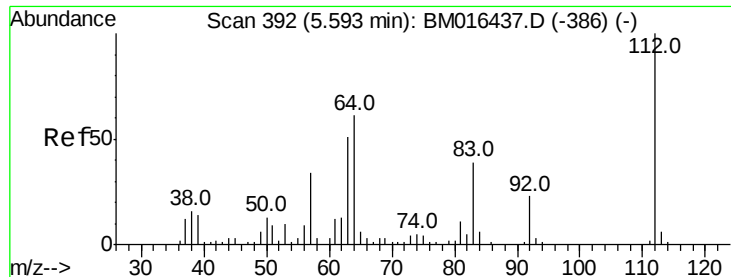
Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Tgt Ion:	42	Resp:	28355
Ion Ratio	Lower	Upper	
42	100		
74	53.4	119.3	178.9#
44	3.4	5.4	8.2#





#5

2-Fluorophenol

Concen: 36.372 ng

RT: 5.59 min Scan# 392

Delta R.T. 0.00 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Instrument :

BNA_M

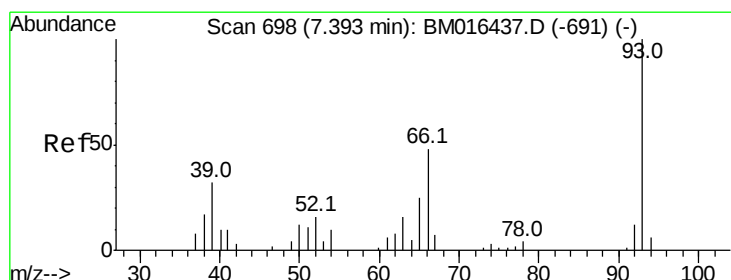
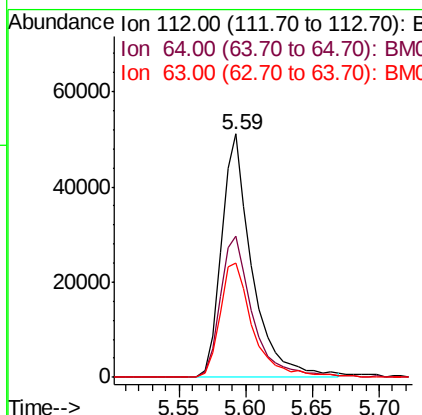
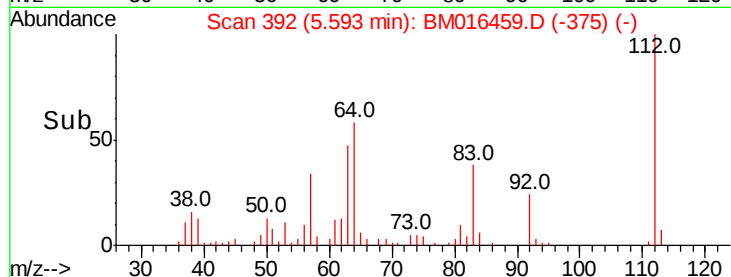
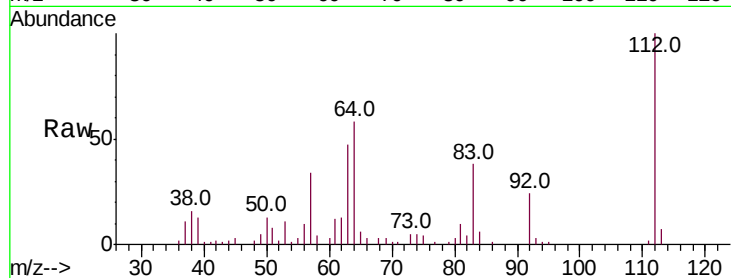
ClientSampled :

PB112169BS

Tot Ion:	112	Resp:	82195
Ion Ratio	Lower	Upper	
112	100		
64	57.8	38.6	57.8#
63	47.1	19.3	28.9#

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#6

Aniline

Concen: 27.578 ng

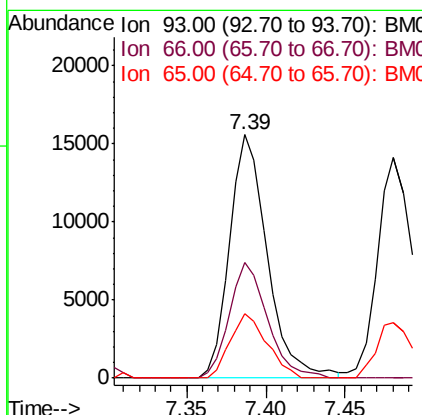
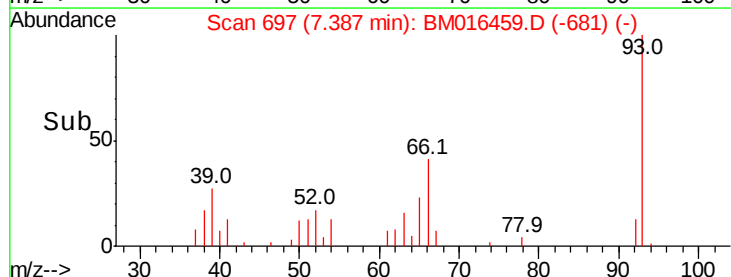
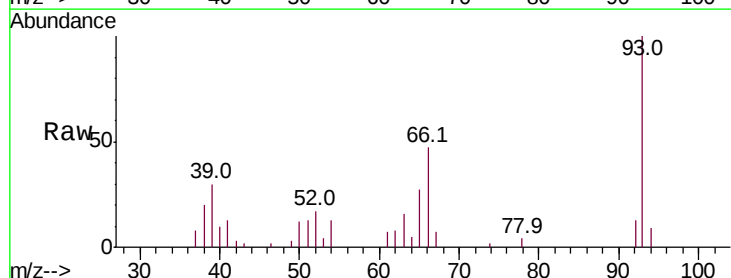
RT: 7.39 min Scan# 697

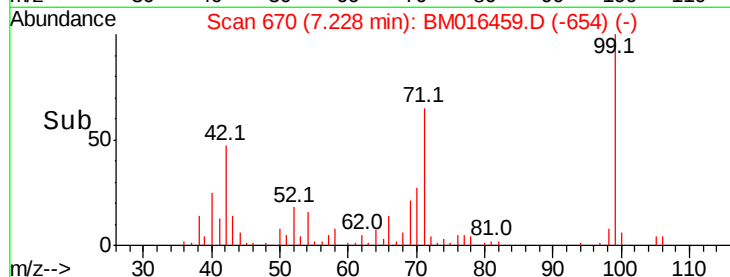
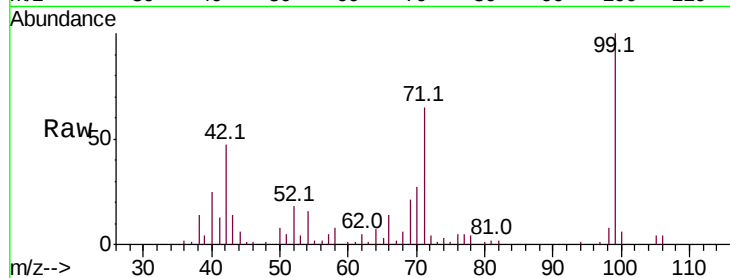
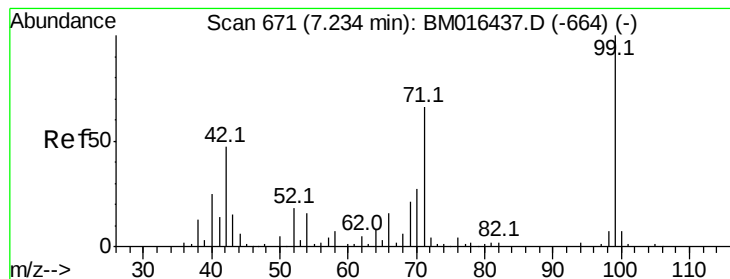
Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Tgt Ion:	93	Resp:	25741
Ion Ratio	Lower	Upper	
93	100		
66	47.4	30.8	46.2#
65	26.5	16.0	24.0#





#7

Phenol-d6

Concen: 27.578 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Tot Ion	Ratio	Resp	Lower	Upper
99	100	113294		
42	46.8	11.0	16.4#	
71	64.9	23.4	35.2#	

Instrument :

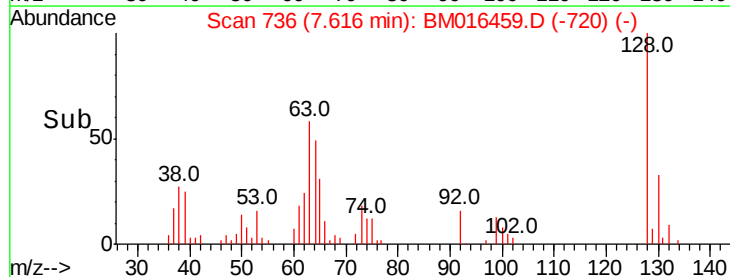
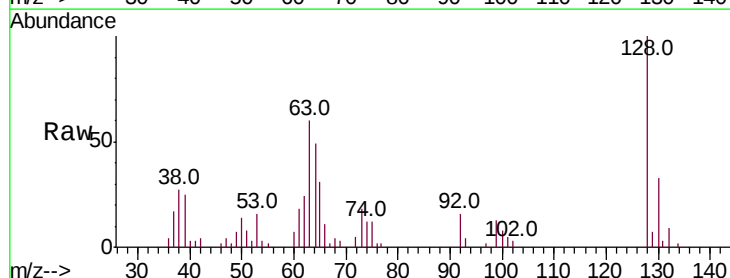
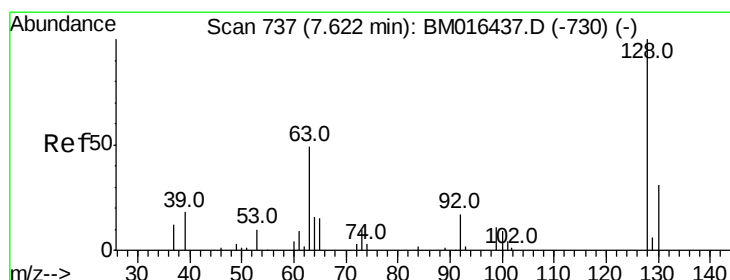
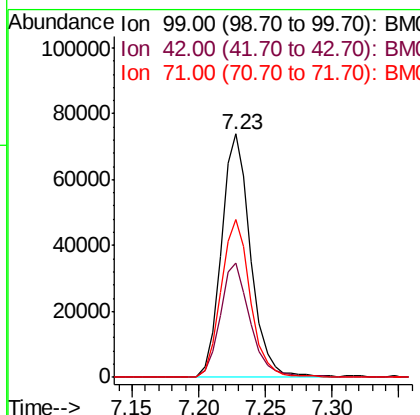
BNA_M

ClientSampled :

PB112169BS

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#8

2-Chlorophenol

Concen: 40.194 ng

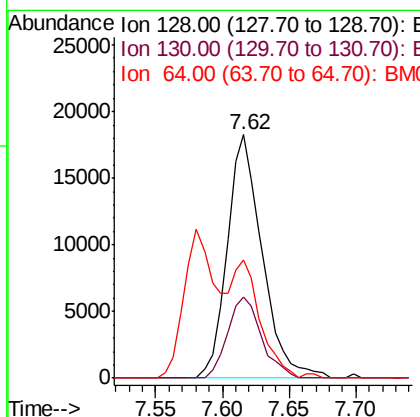
RT: 7.62 min Scan# 736

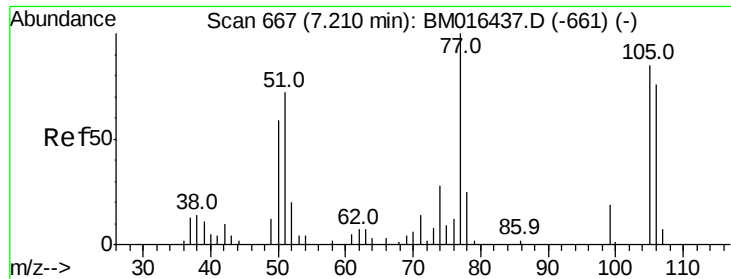
Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	33255		
130	33.4	12.0	52.0	
64	48.6	24.9	64.9	





#9

Benzaldehyde

Concen: 27.665 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Instrument :

BNA_M

ClientSampled :

PB112169BS

Tot Ion: 77 Resp: 16408

Ion Ratio Lower Upper

77 100

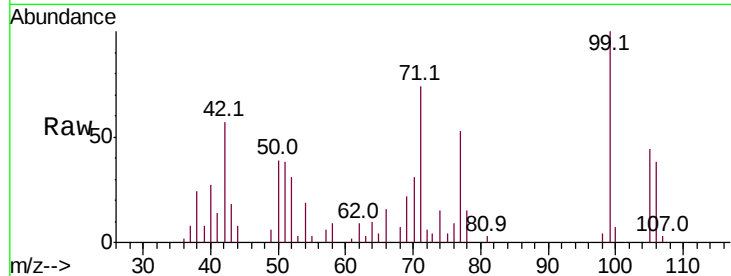
105 81.9 78.8 118.8

106 70.5 73.7 113.7#

Manual Integrations
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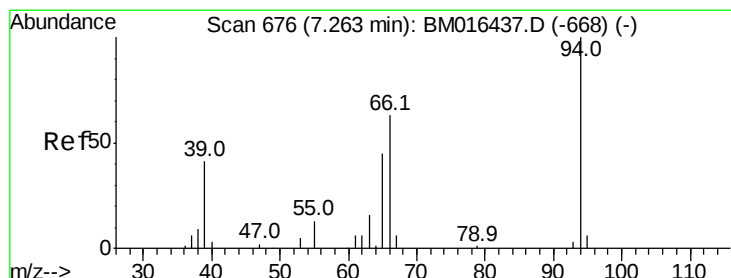
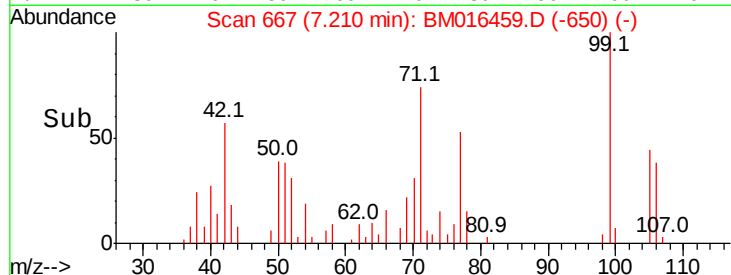
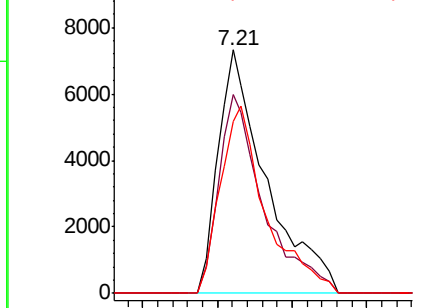
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Abundance Ion 77.00 (76.70 to 77.70): BM016437.D (-661) (-)

Ion 105.00 (104.70 to 105.70): BM016437.D (-661) (-)

Ion 106.00 (105.70 to 106.70): BM016437.D (-661) (-)



#10

Phenol

Concen: 42.977 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

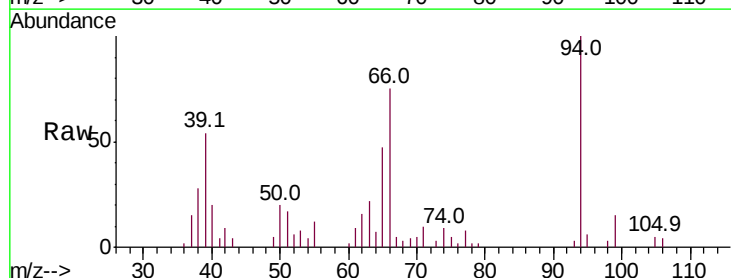
Tgt Ion: 94 Resp: 37551

Ion Ratio Lower Upper

94 100

65 46.6 18.8 58.8

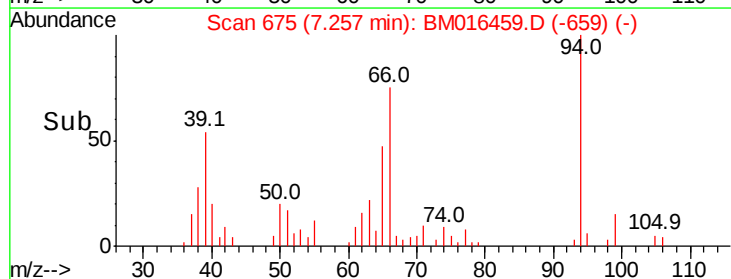
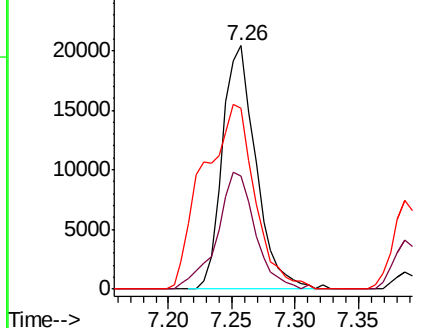
66 74.6 39.9 79.9

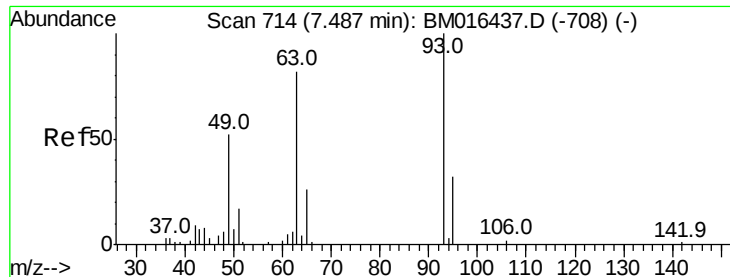


Abundance Ion 94.00 (93.70 to 94.70): BM016437.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM016437.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM016437.D (-668) (-)





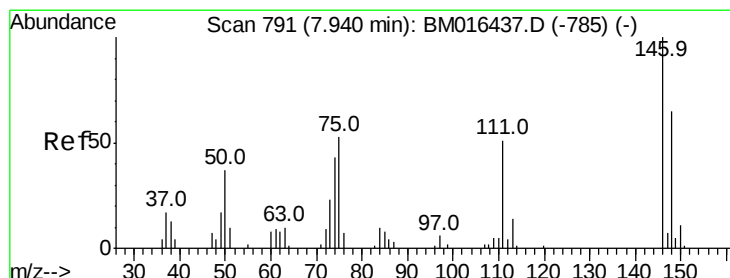
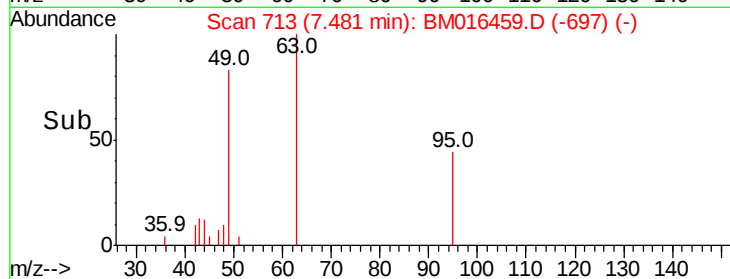
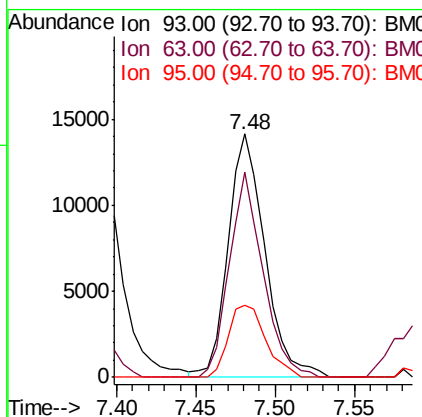
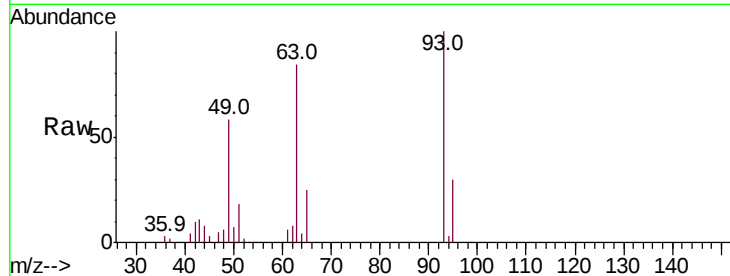
#11
bis(2-Chloroethyl)ether
Concen: 34.235 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion:	93	Resp:	22709
Ion	Ratio	Lower	Upper
93	100		
63	84.3	49.5	89.5
95	29.6	13.5	53.5

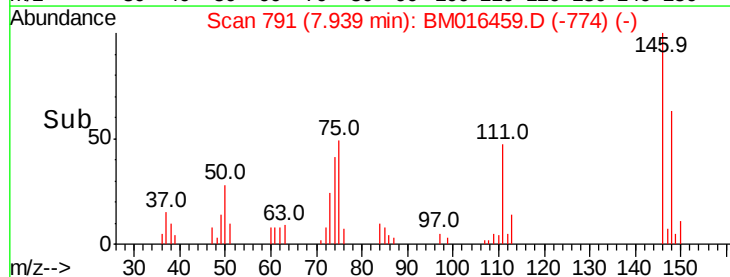
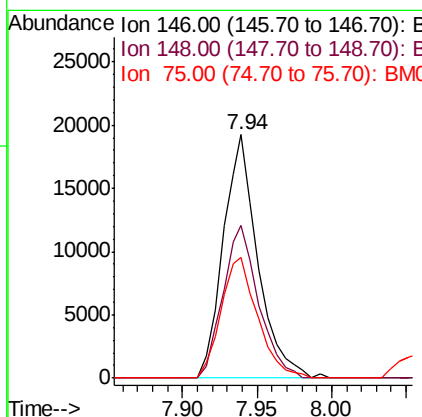
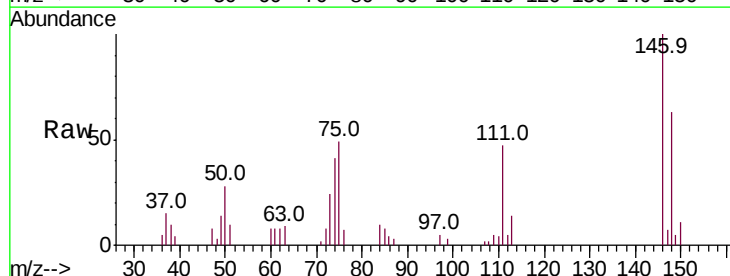
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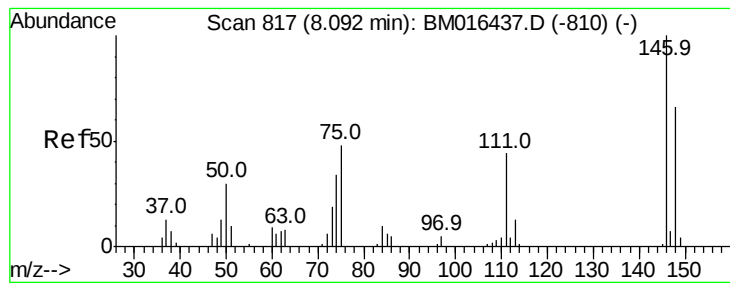
Sohil
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#12
1,3-Dichlorobenzene
Concen: 32.758 ng
RT: 7.94 min Scan# 791
Delta R.T. -0.00 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Tgt Ion:	146	Resp:	31063
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.9	76.3
75	49.4	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 32.790 ng

RT: 8.09 min Scan# 817

Delta R.T. -0.00 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Instrument :

BNA_M

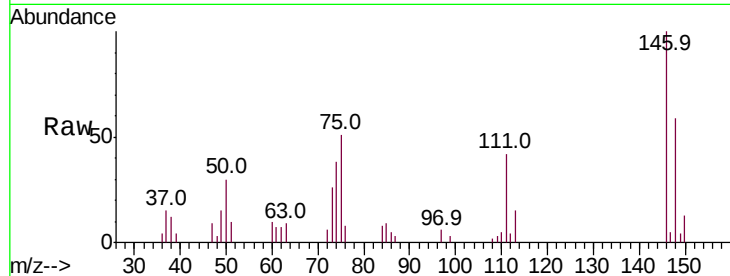
ClientSampled :

PB112169BS

Tot Ion:	146	Resp:	31432
Ion Ratio	Lower	Upper	
146	100		
148	58.5	51.9	77.9
111	41.6	29.2	43.8

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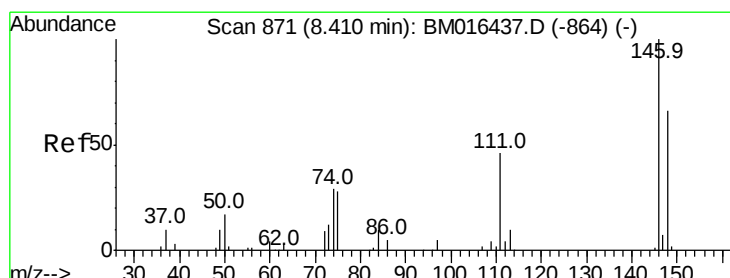
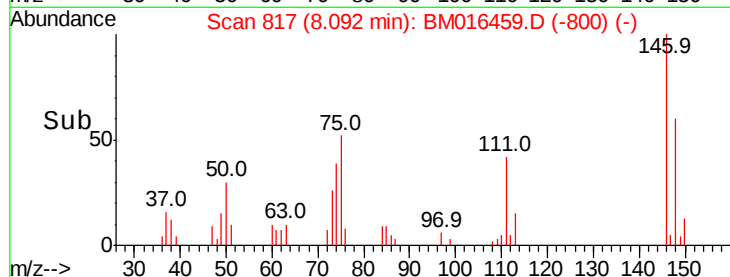
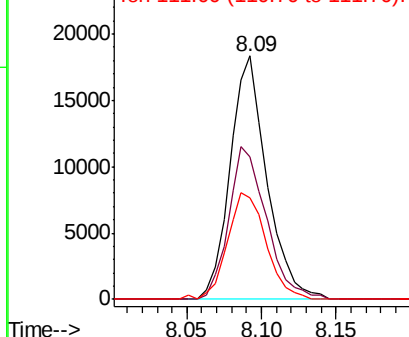


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.630 ng

RT: 8.40 min Scan# 870

Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

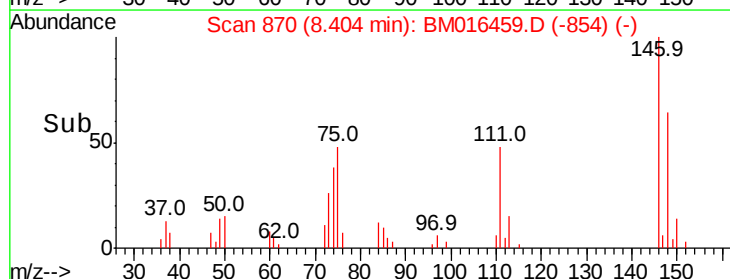
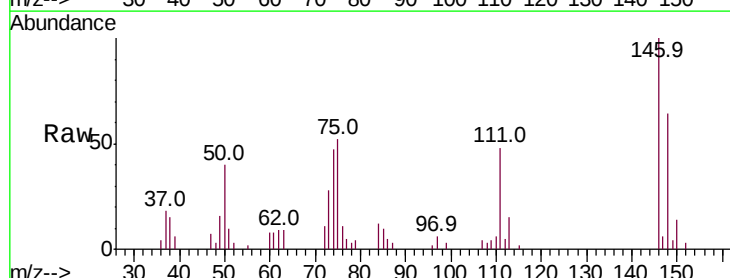
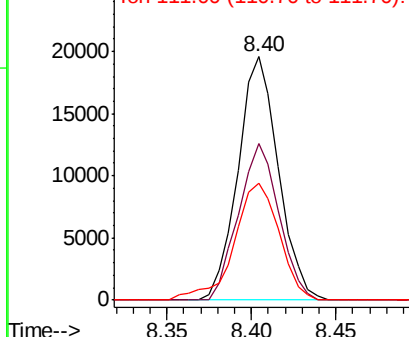
Tgt Ion:	146	Resp:	32611
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.3	78.5
111	48.1	30.6	45.8#

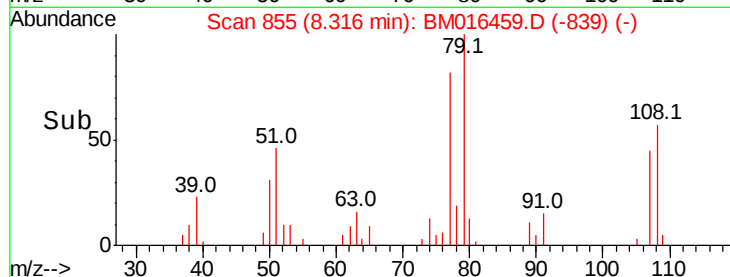
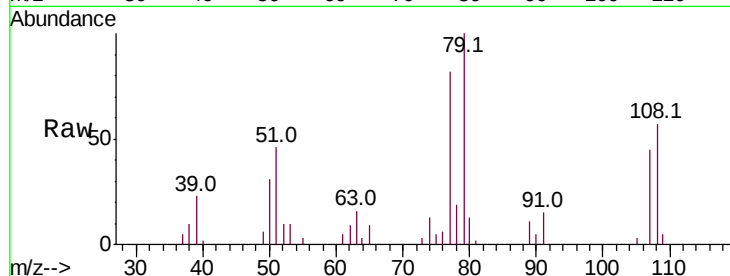
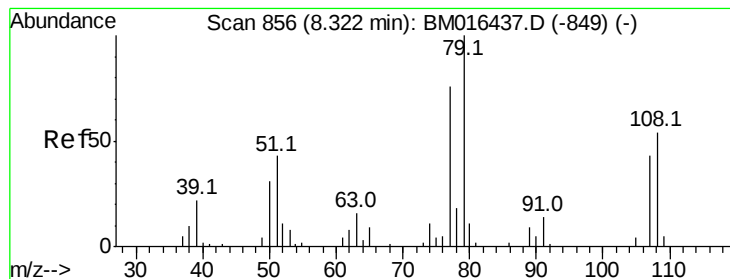
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.192 ng

RT: 8.32 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Tot Ion:	79	Resp:	35363
Ion Ratio	Lower	Upper	
79	100		
108	56.6	65.0	97.4#
77	82.3	53.0	79.6#

Instrument :

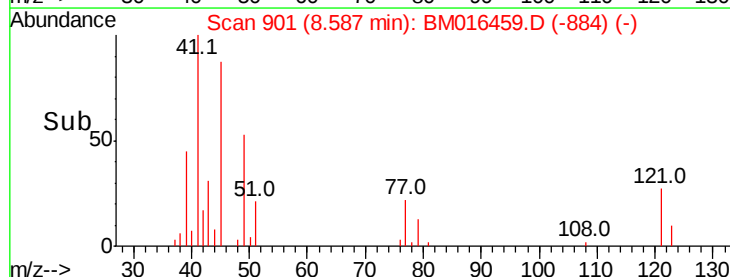
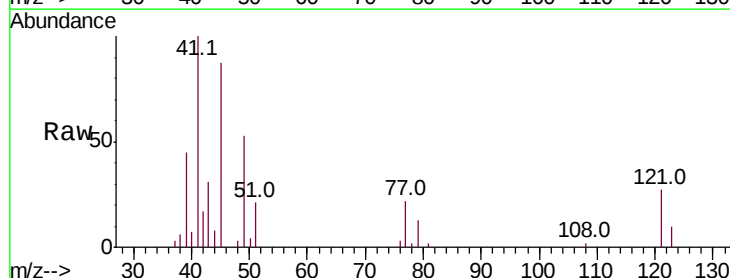
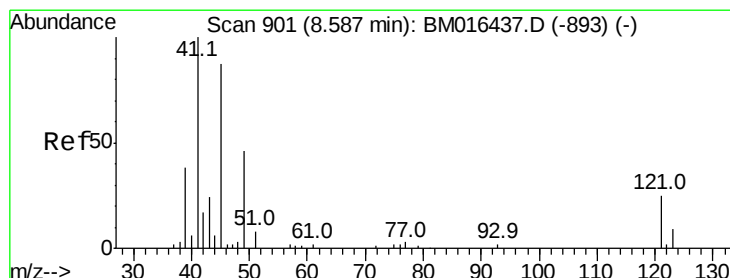
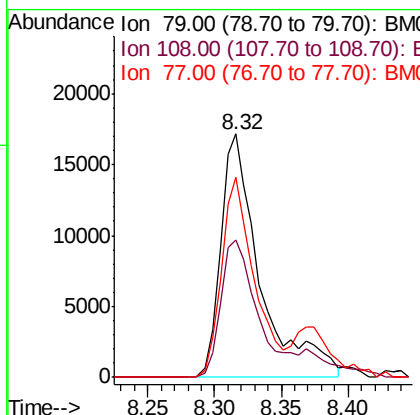
BNA_M

ClientSampled :

PB112169BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.570 ng

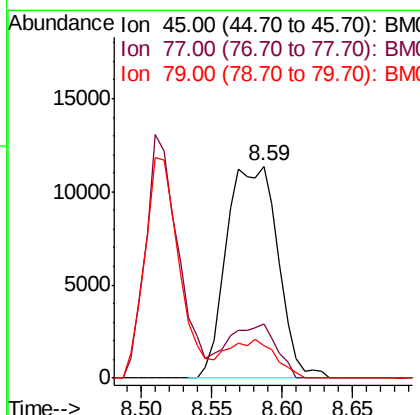
RT: 8.59 min Scan# 901

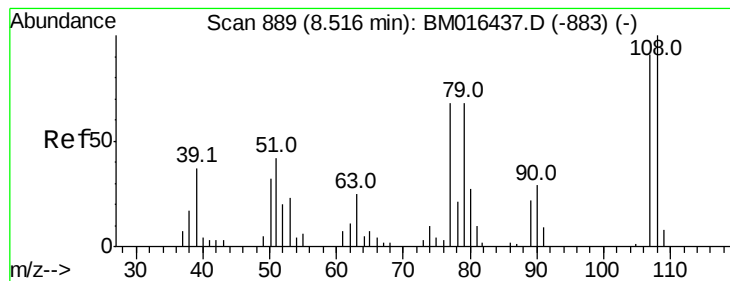
Delta R.T. -0.00 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Tgt Ion:	45	Resp:	28866
Ion Ratio	Lower	Upper	
45	100		
77	25.5	0.0	35.2
79	15.2	0.0	32.0





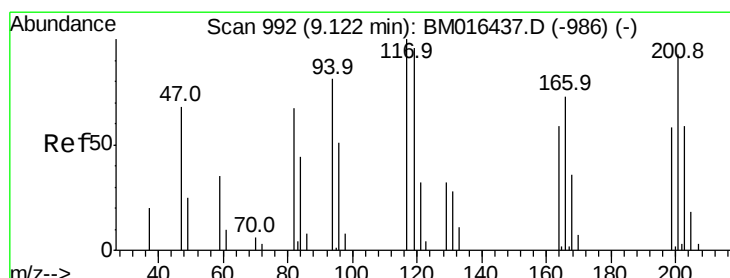
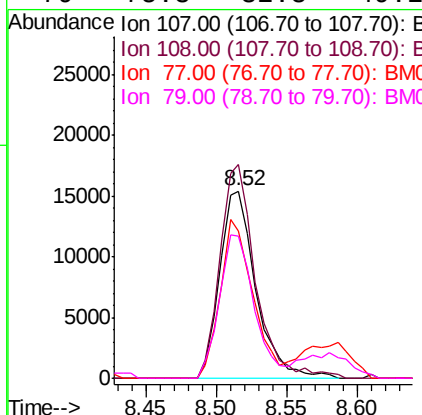
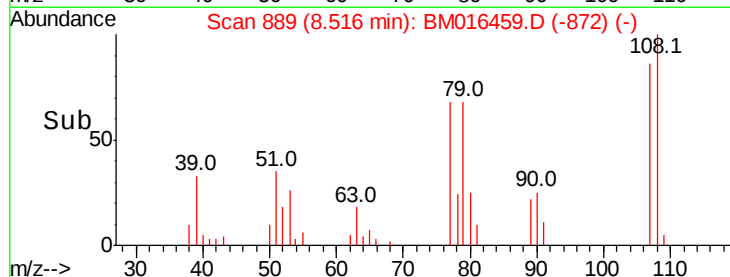
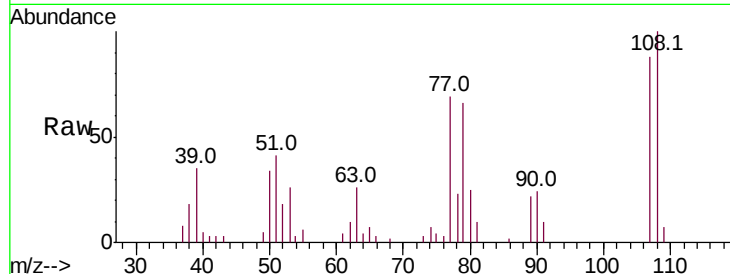
#17
2-Methylphenol
Concen: 43.550 ng
RT: 8.52 min Scan# 889
Delta R.T. -0.00 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Instrument :
BNA_M
ClientSampled :
PB112169BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	89.8	134.8
77	79.0	32.6	48.8
79	75.8	32.8	49.2

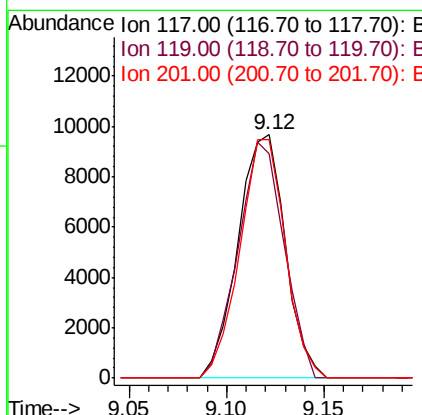
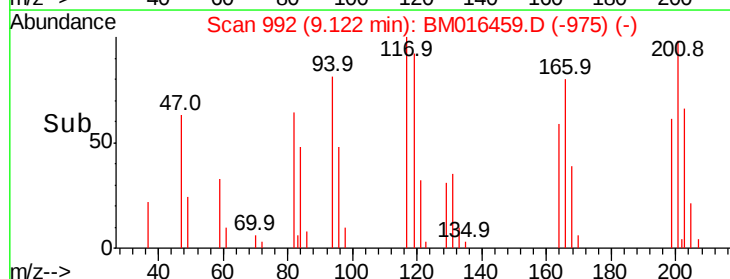
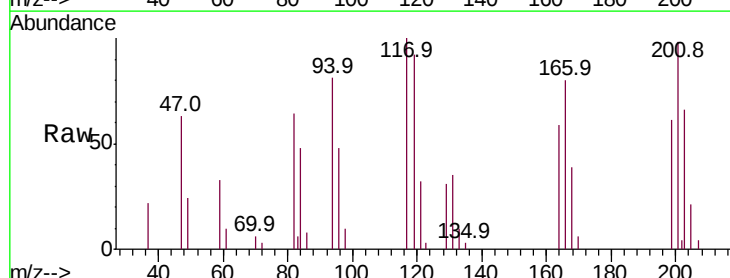
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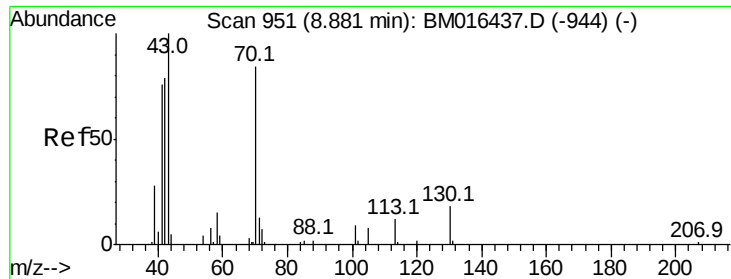
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#18
Hexachloroethane
Concen: 32.745 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	79.2	118.8
201	98.0	69.8	104.6





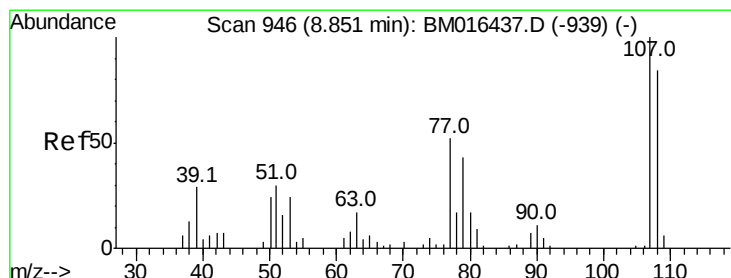
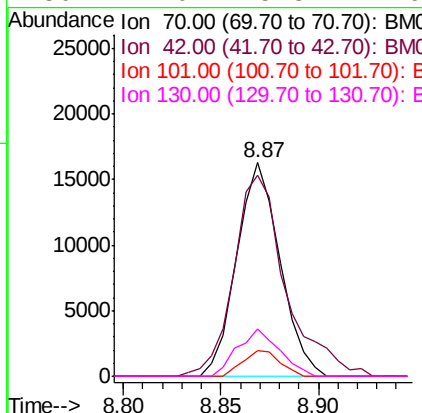
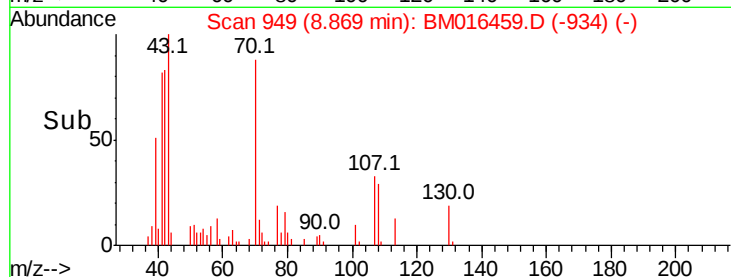
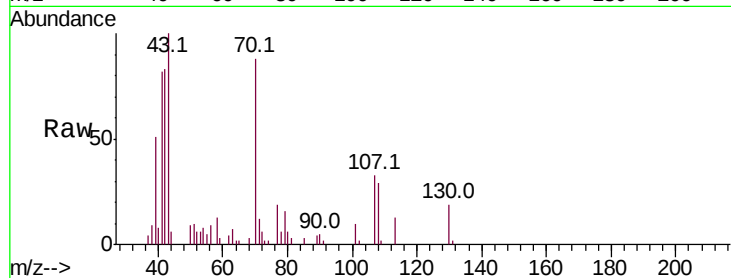
#19
n-Nitroso-di-n-propylamine
Concen: 36.540 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Instrument :
BNA_M
ClientSampleID :
PB112169BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	94.1	44.5	66.7#		
101	11.7	7.4	11.2#		
130	22.0	15.3	22.9		

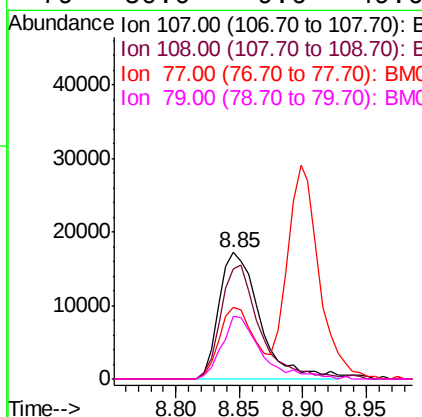
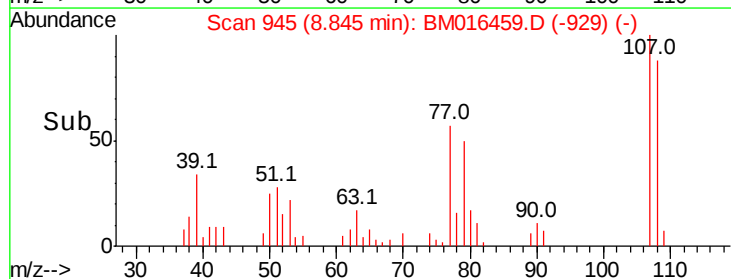
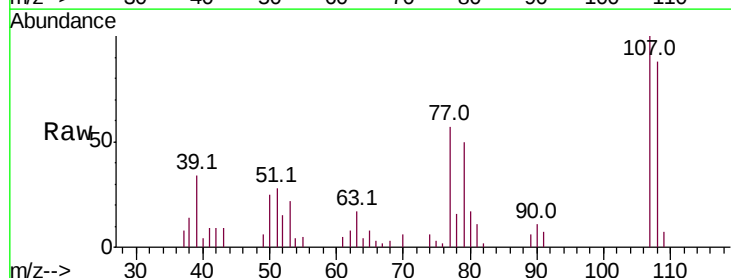
Manual Integrations
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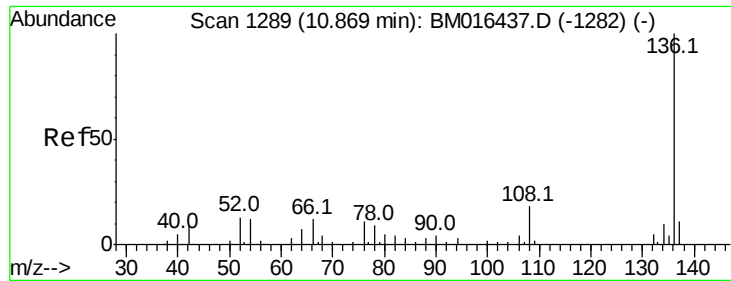
Sohil
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#20
3+4-Methylphenols
Concen: 44.491 ng
RT: 8.85 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.7	73.2	113.2		
77	56.8	10.7	50.7#		
79	50.0	9.6	49.6#		





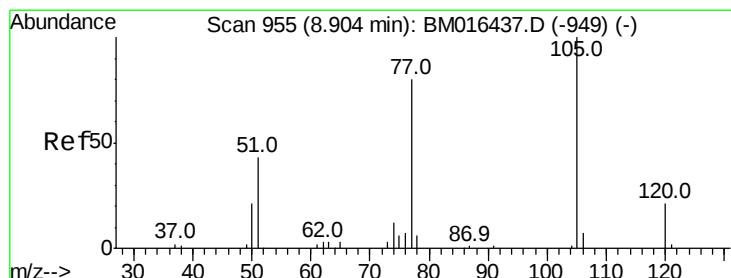
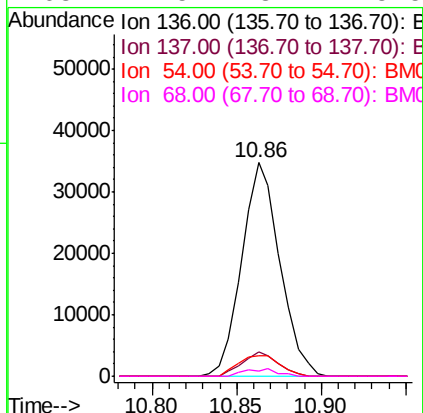
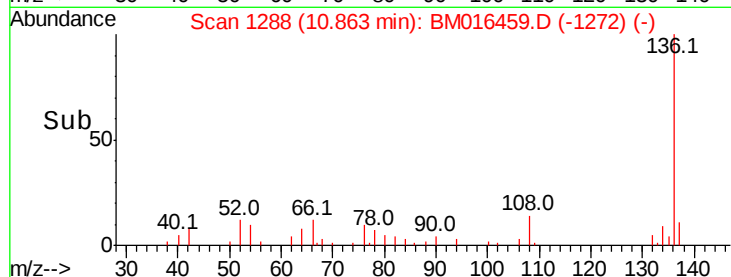
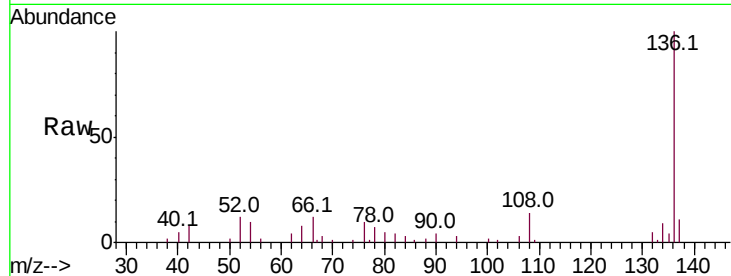
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Instrument :
BNA_M
ClientSampled :
PB112169BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.7	13.1	
54	9.9	4.6	6.8#	
68	2.5	3.7	5.5#	

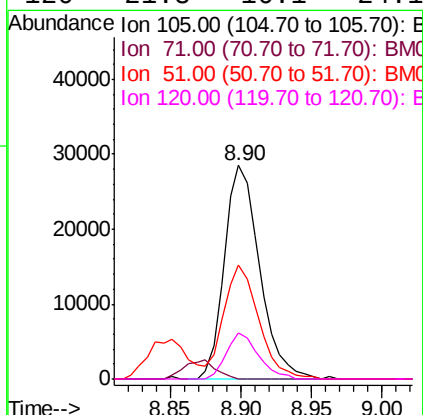
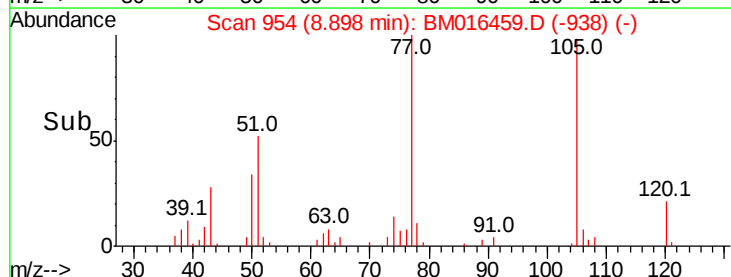
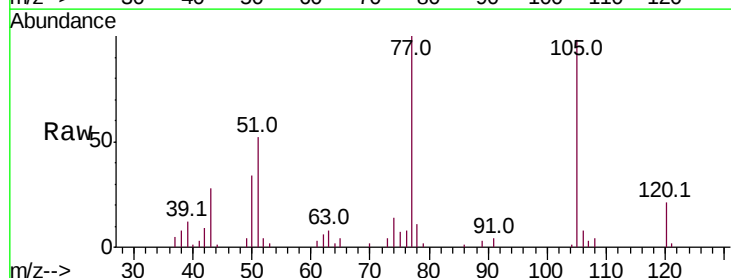
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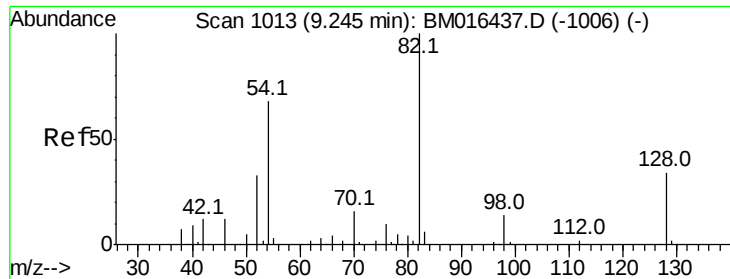
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#22
Acetophenone
Concen: 33.958 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	0.6	1.0#	
51	53.3	21.6	32.4#	
120	21.8	16.1	24.1	





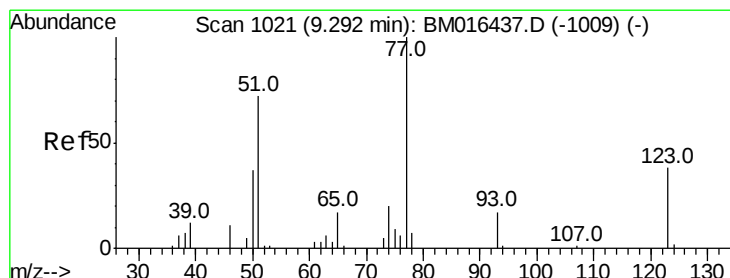
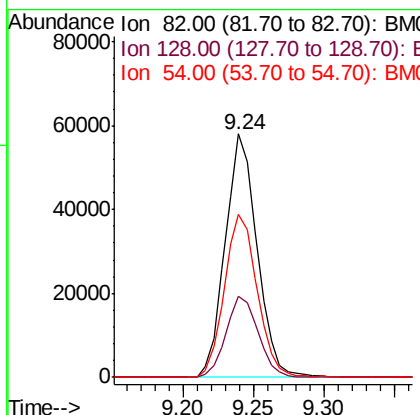
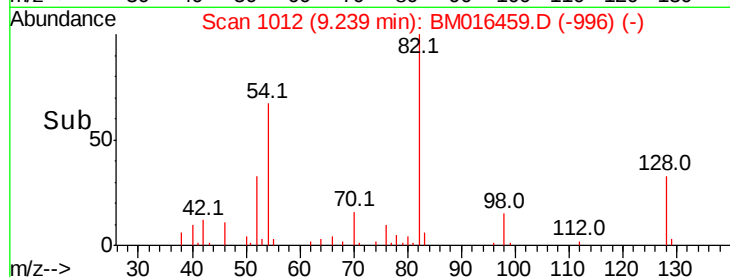
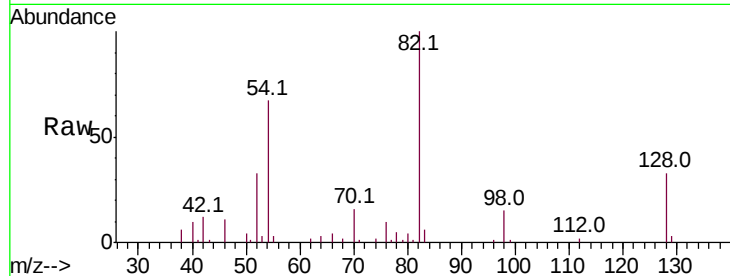
#23
 Nitrobenzene-d5
 Concen: 33.958 ng
 RT: 9.24 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.3	32.8	49.2
54	67.1	40.6	60.8

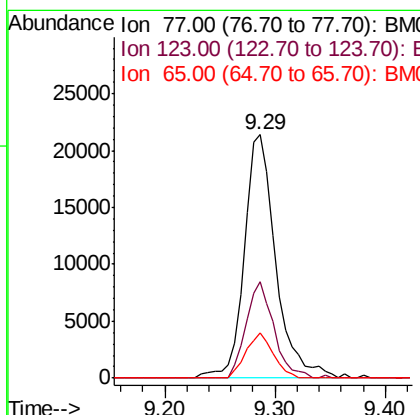
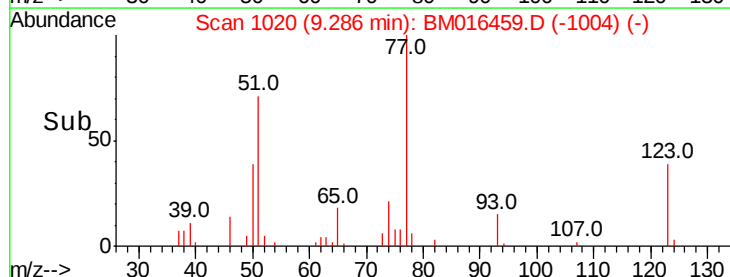
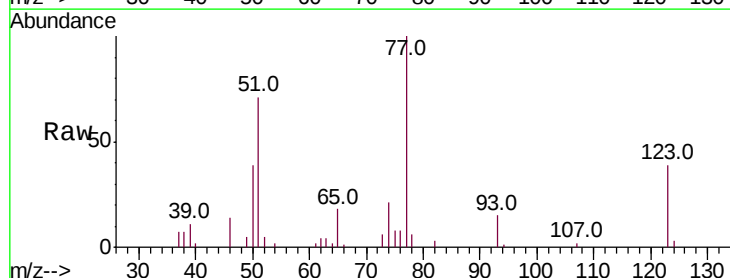
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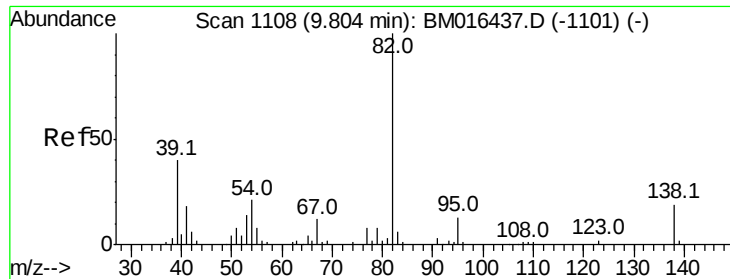
Sohil
 8/20/2018 4:17:11 PM



#24
 Nitrobenzene
 Concen: 33.811 ng
 RT: 9.29 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.5	32.6	49.0
65	18.4	10.9	16.3





#25

Isophorone

Concen: 40.832 ng

RT: 9.80 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Instrument :

BNA_M

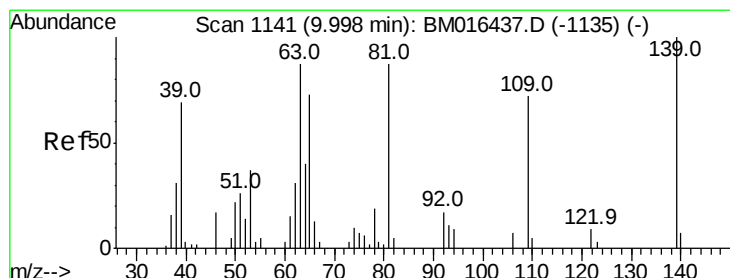
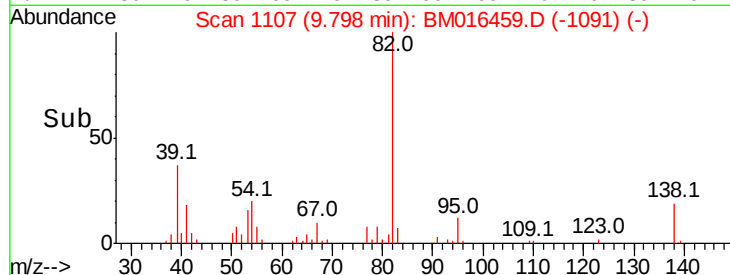
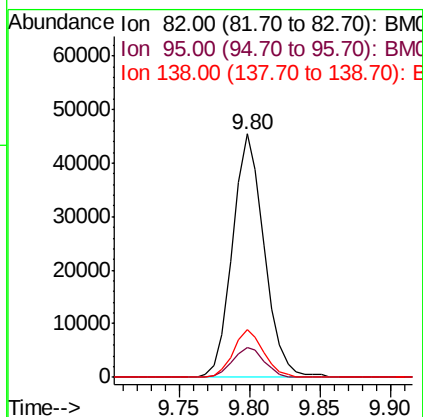
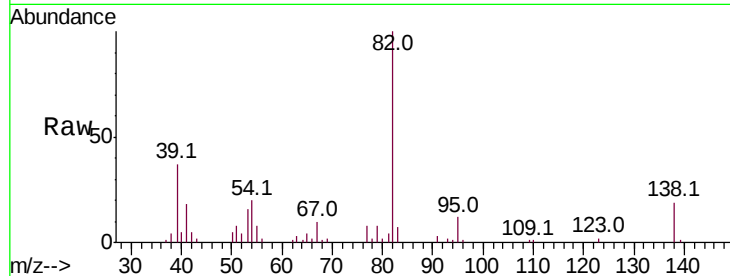
ClientSampleId :

PB112169BS

Tot Ion:	82	Resp:	71256
Ion Ratio	Lower	Upper	
82	100		
95	12.2	5.8	8.6#
138	19.4	16.3	24.5

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#26

2-Nitrophenol

Concen: 33.692 ng

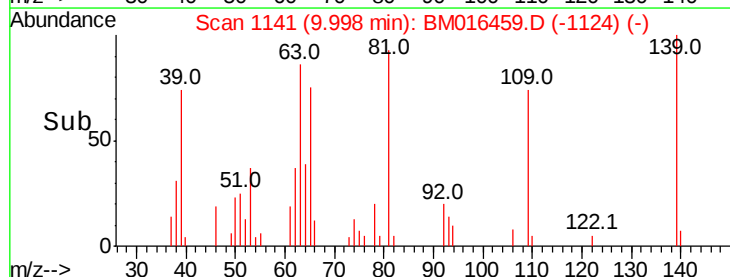
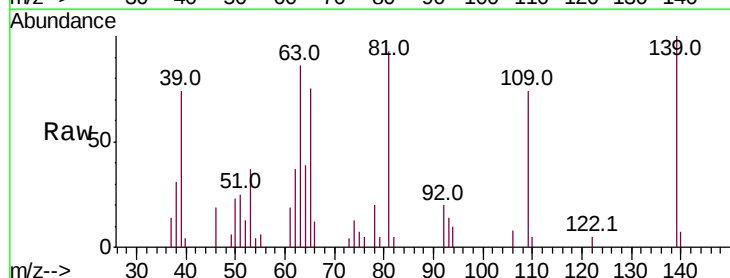
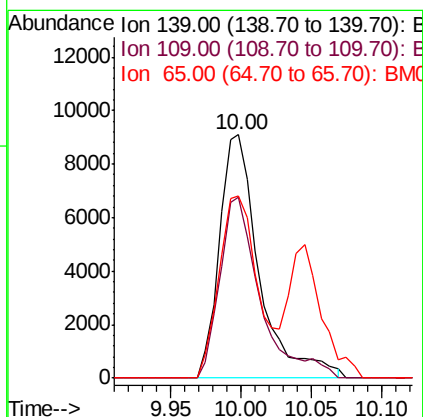
RT: 10.00 min Scan# 1141

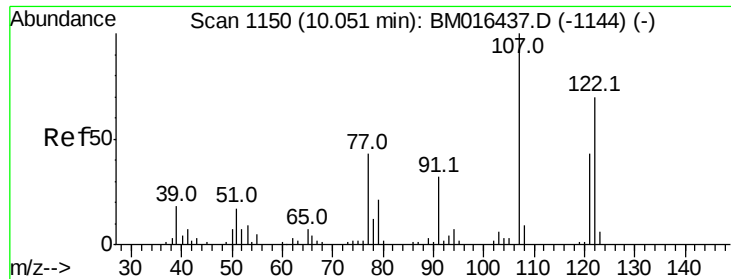
Delta R.T. -0.00 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Tgt Ion:	139	Resp:	17876
Ion Ratio	Lower	Upper	
139	100		
109	74.2	20.1	30.1#
65	74.8	31.5	47.3#





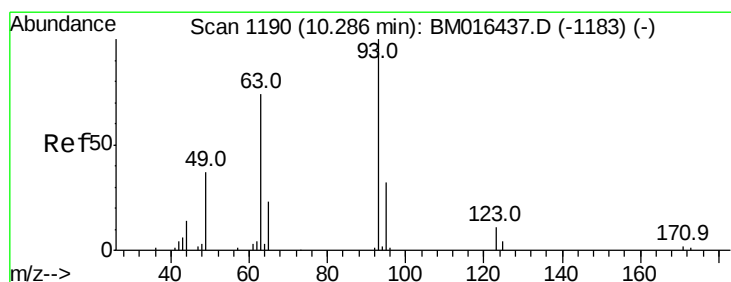
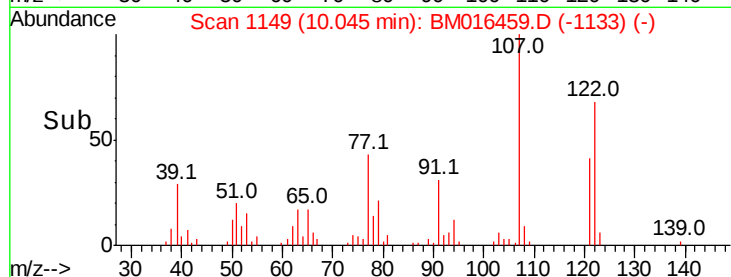
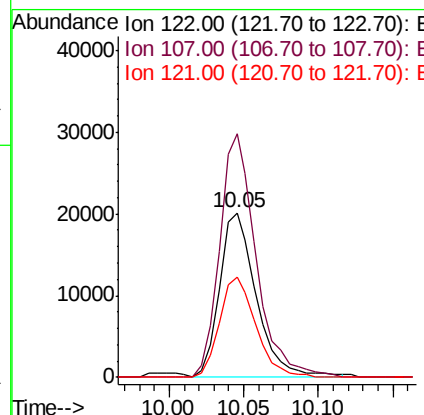
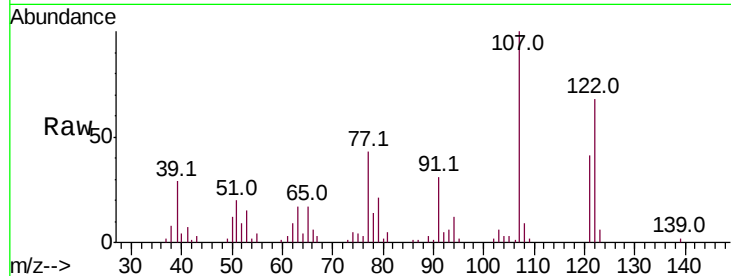
#27
 2,4-Dimethylphenol
 Concen: 48.956 ng
 RT: 10.05 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	147.8	84.7	127.1#
121	61.0	46.6	69.8

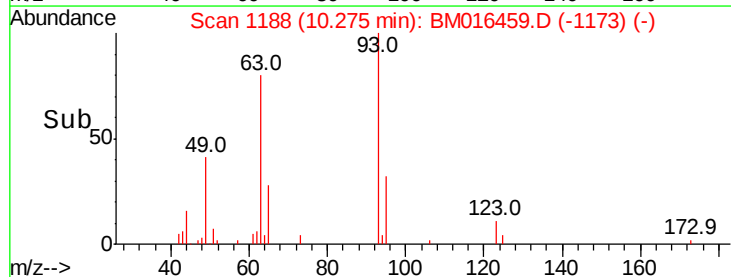
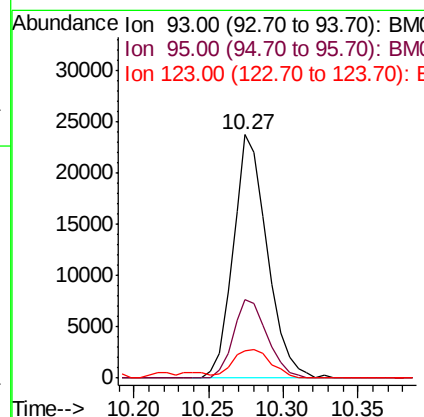
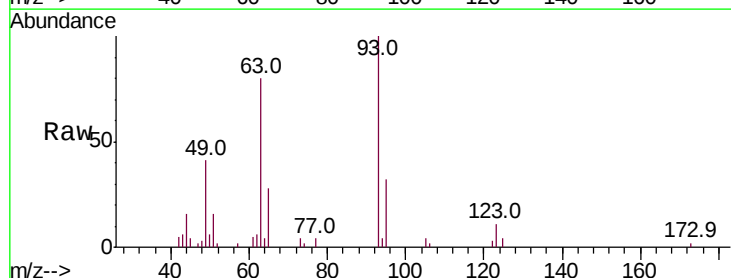
Manual Integrations
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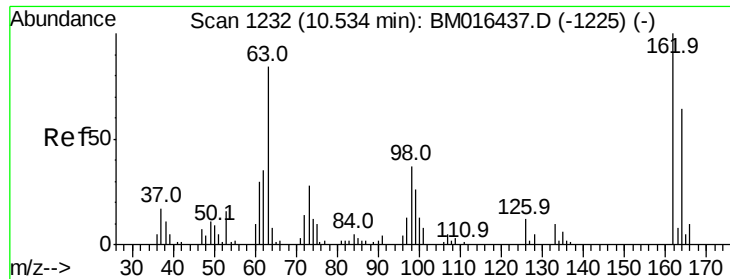
Sohil
 8/20/2018 4:17:11 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.306 ng
 RT: 10.27 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.5	38.3
123	11.1	8.6	13.0





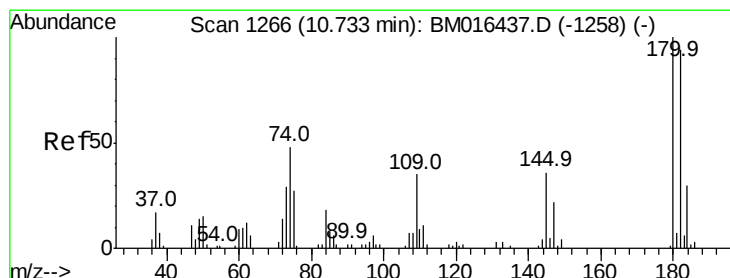
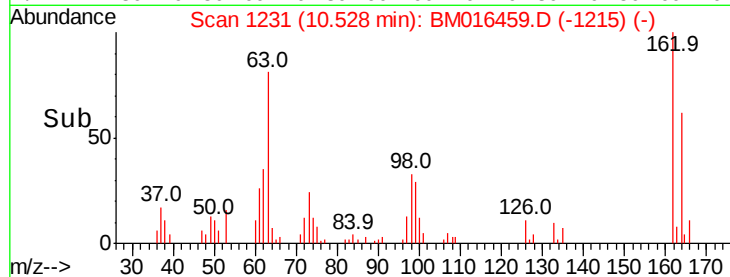
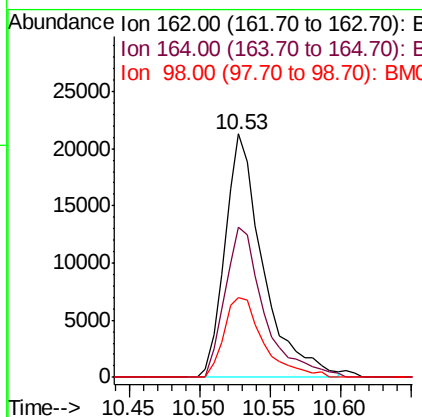
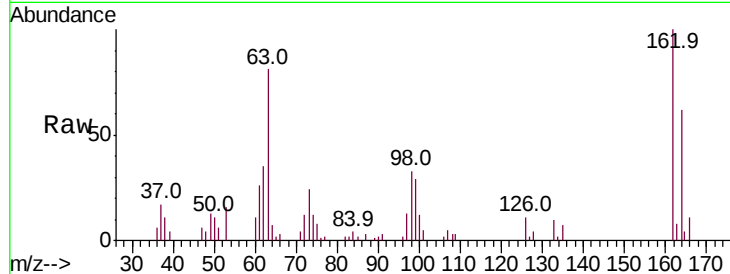
#29
 2,4-Dichlorophenol
 Concen: 41.726 ng
 RT: 10.53 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	40010		
164	61.9		42.8	82.8
98	32.9		14.5	54.5

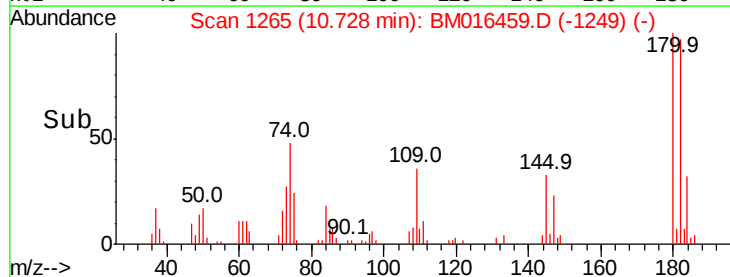
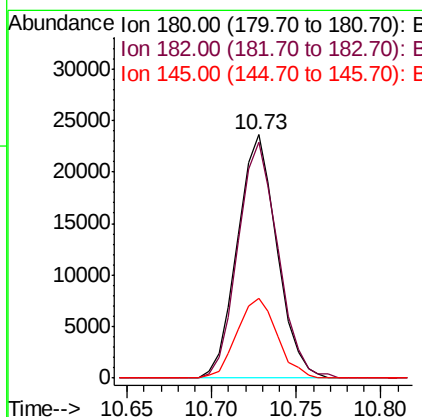
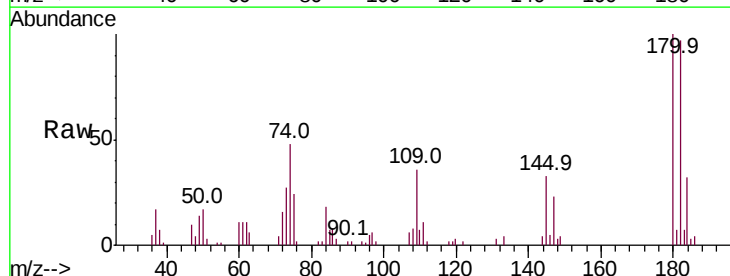
Manual Integrations
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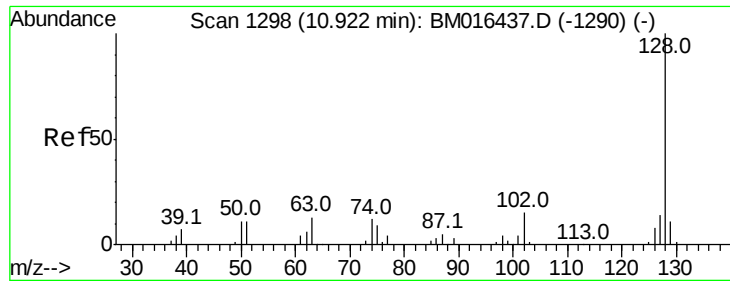
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.798 ng
 RT: 10.73 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	38324		
182	96.7		77.6	116.4
145	33.0		23.4	35.2





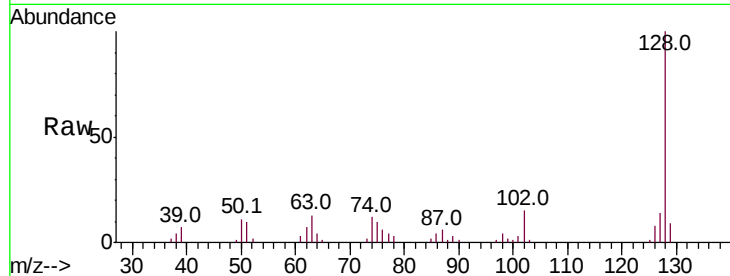
#31
Naphthalene
Concen: 38.387 ng
RT: 10.92 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.3	8.9	13.3
127	14.0	10.4	15.6

Manual Integrations
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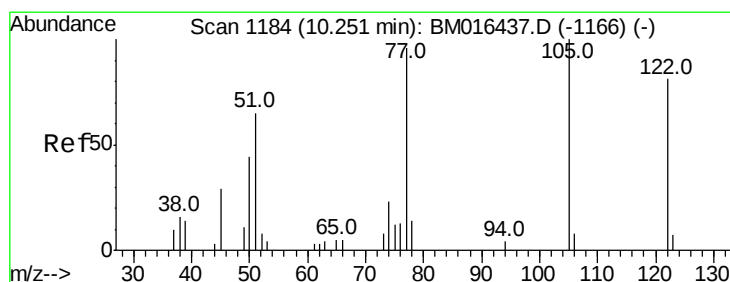
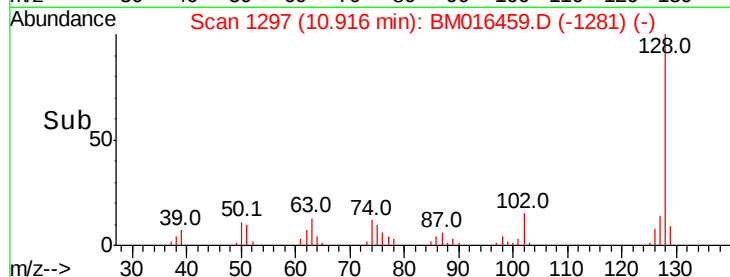
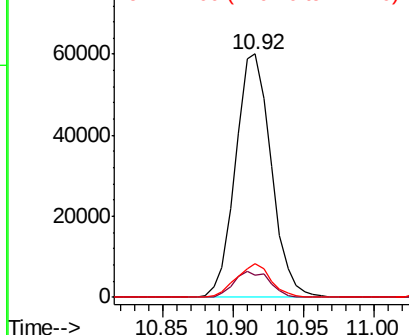


Abundance

Ion 128.00 (127.70 to 128.70): E

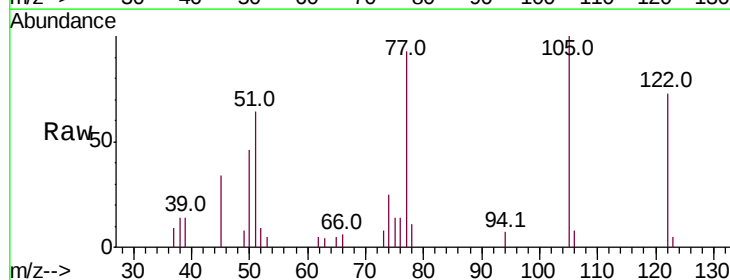
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 43.261 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.7	99.9	139.9
77	128.5	73.7	113.7#

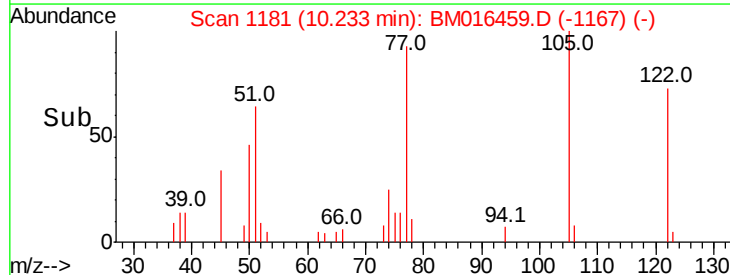
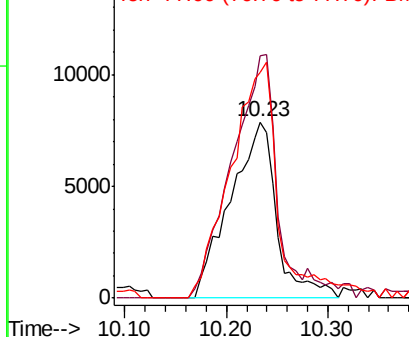


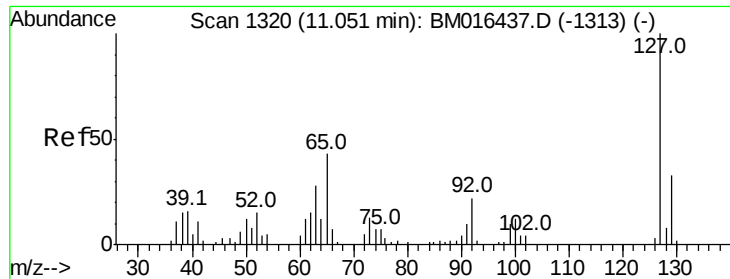
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0





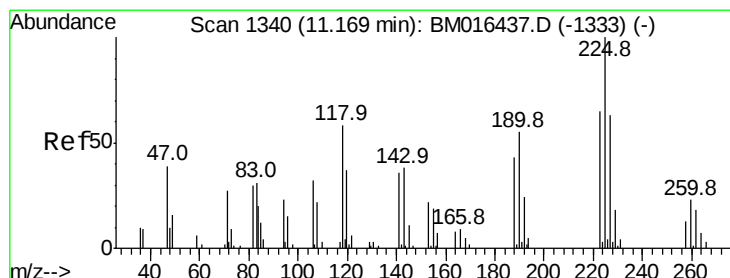
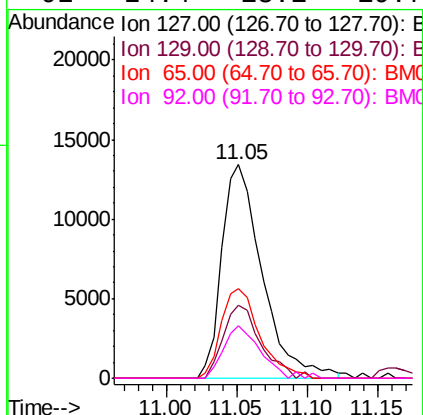
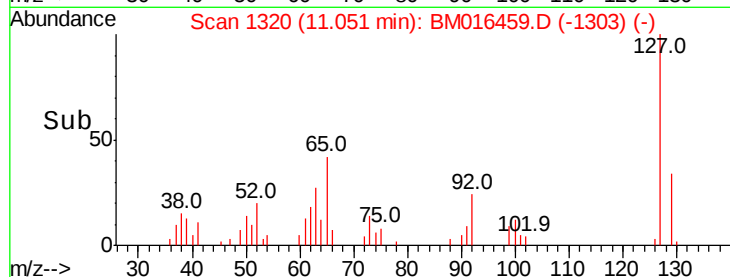
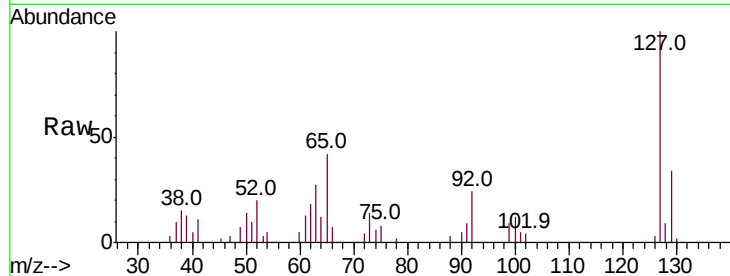
#33
4-Chloroaniline
Concen: 22.686 ng
RT: 11.05 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.3	37.9
65	42.1	17.6	26.4
92	24.4	13.1	19.7

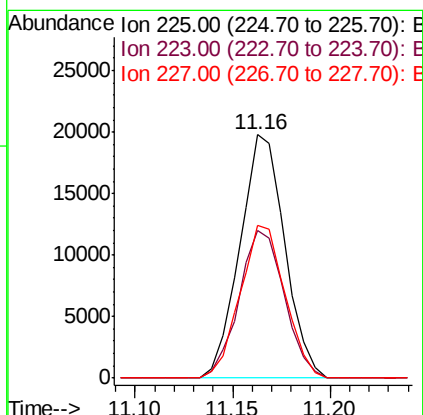
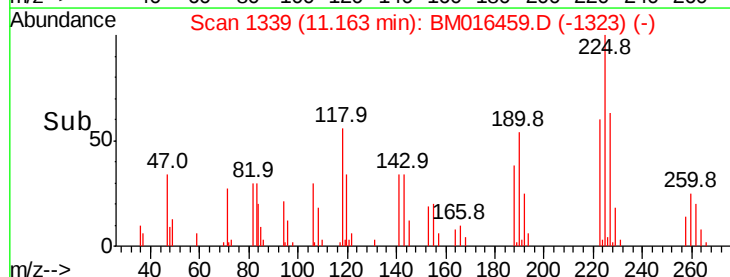
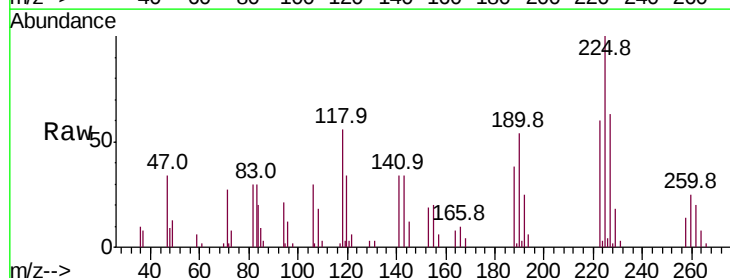
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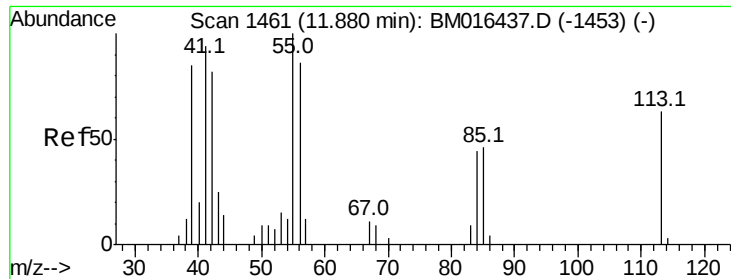
Sohil
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#34
Hexachlorobutadiene
Concen: 32.140 ng
RT: 11.16 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	47.9	71.9
227	62.8	50.1	75.1





#35

Caprolactam

Concen: 47.656 ng/ml

RT: 11.86 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Instrument :

BNA_M

ClientSampleId :

PB112169BS

Tot Ion:113 Resp: 11715

Ion Ratio Lower Upper

113 100

55 167.4 145.9 185.9

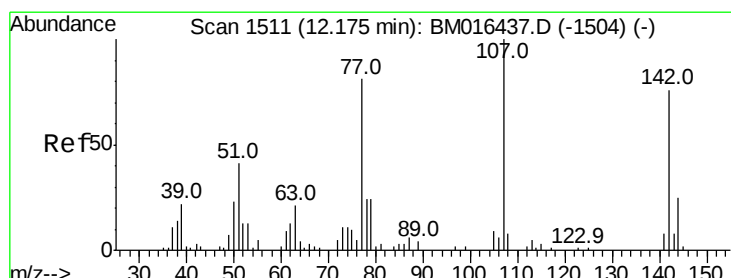
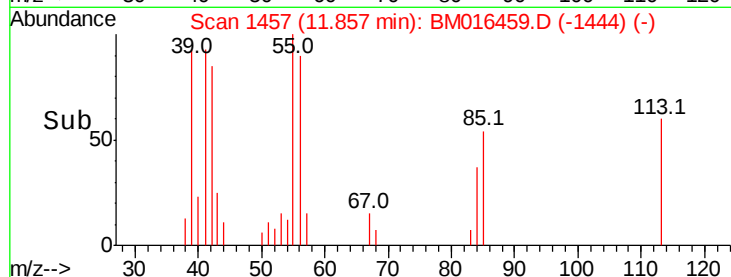
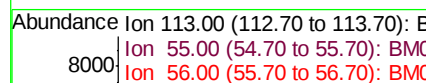
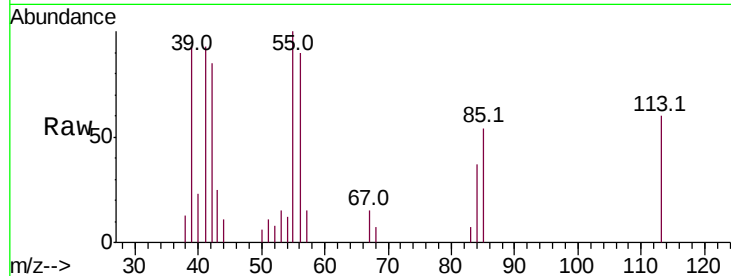
56 150.3 101.0 141.0#

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 43.352 ng/ml

RT: 12.17 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

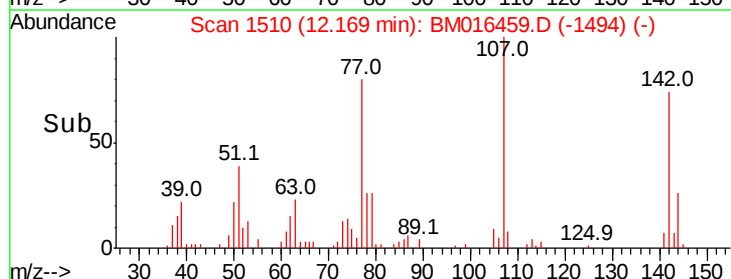
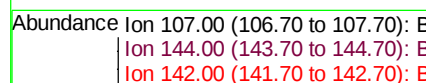
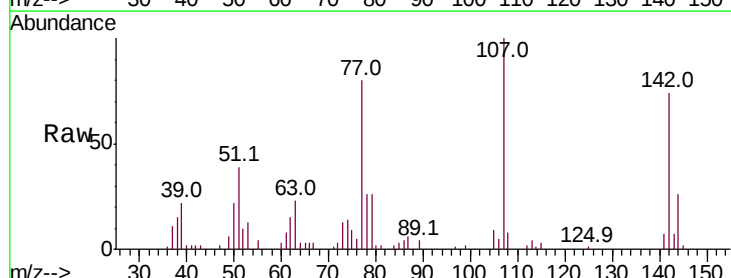
Tgt Ion:107 Resp: 47402

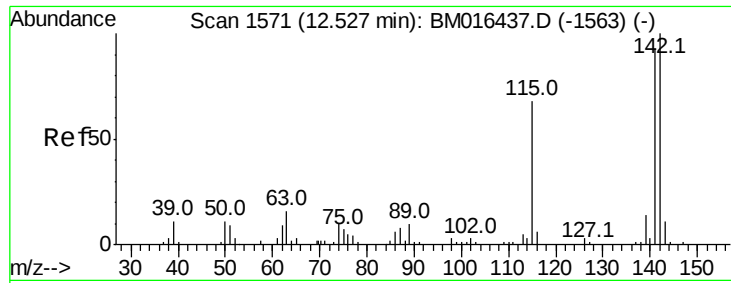
Ion Ratio Lower Upper

107 100

144 25.7 23.3 34.9

142 73.7 72.6 109.0





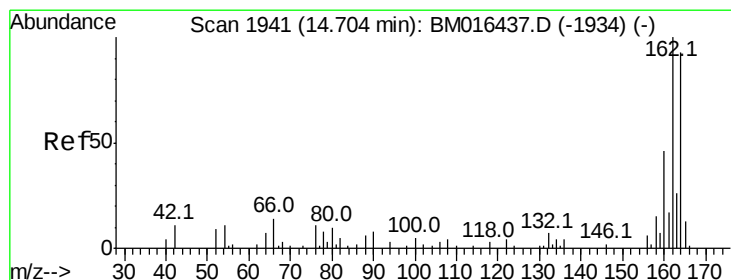
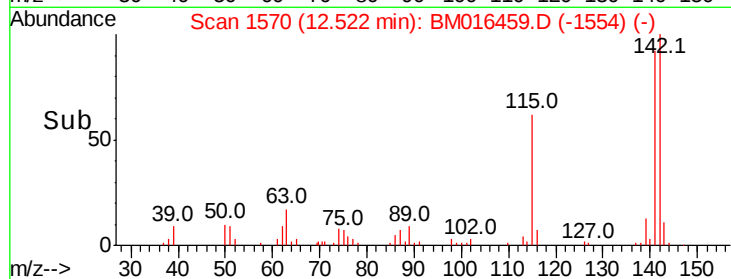
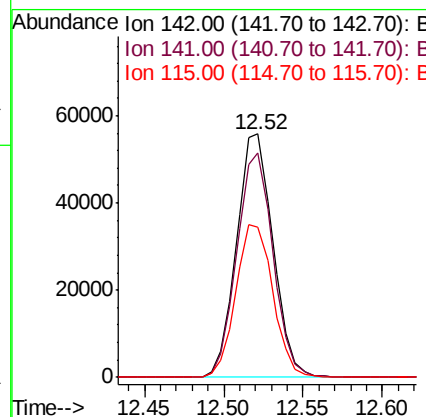
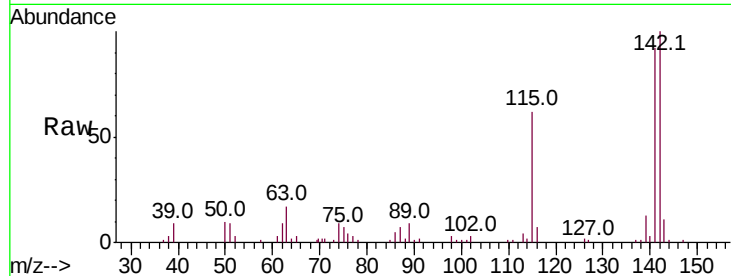
#37
 2-Methylnaphthalene
 Concen: 43.476 ng
 RT: 12.52 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.9	107.9
115	61.6	25.4	38.0

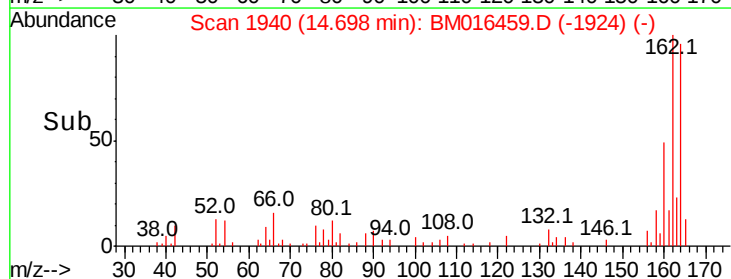
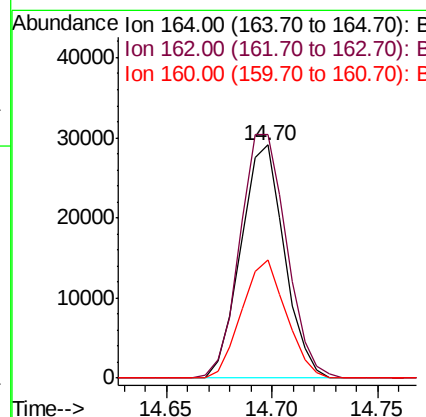
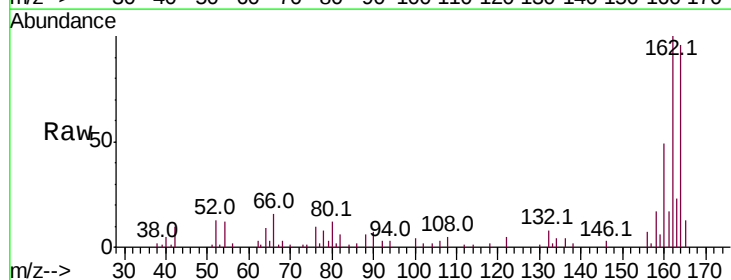
Manual Integrations
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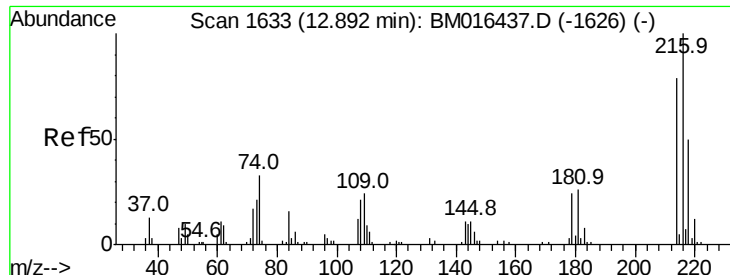
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.4	123.6
160	50.9	35.8	53.6





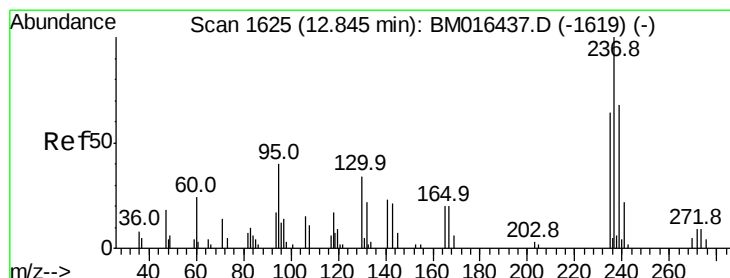
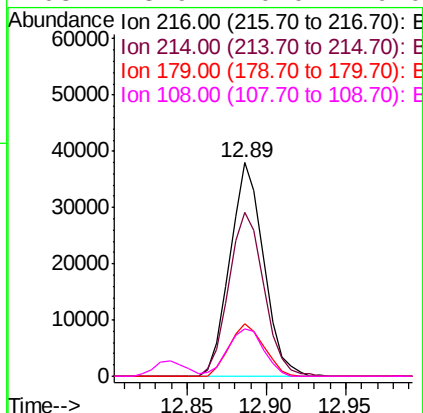
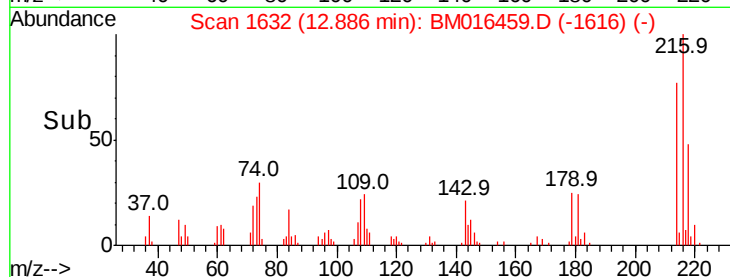
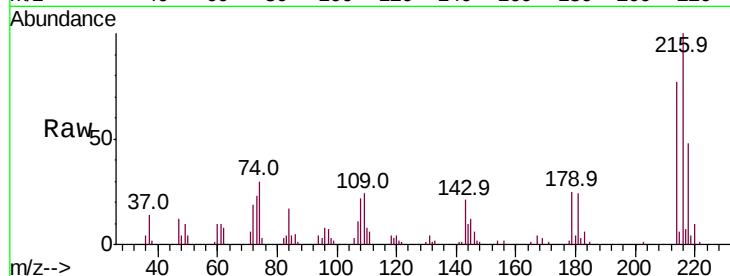
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.861 ng
 RT: 12.89 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.8	0.0	0.0#
179	25.2	0.0	0.0#
108	23.9	0.0	0.0#

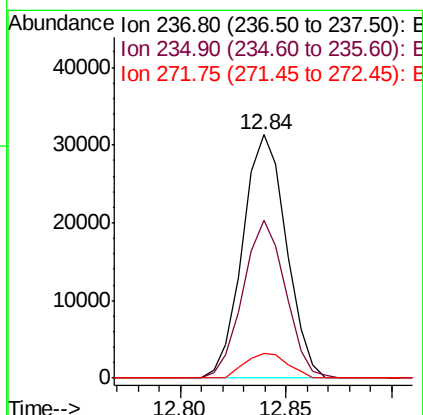
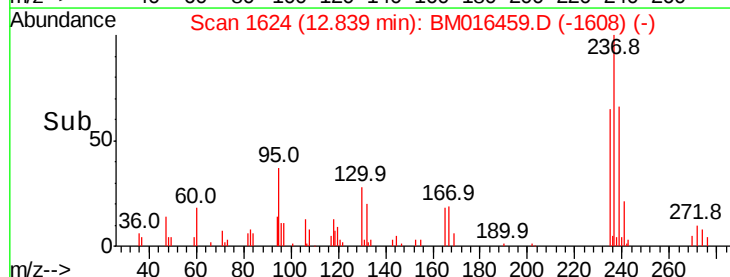
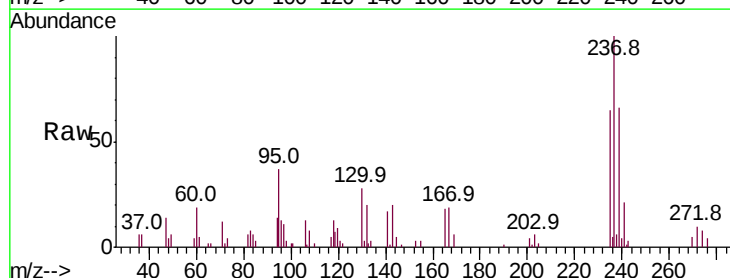
Manual Integrations
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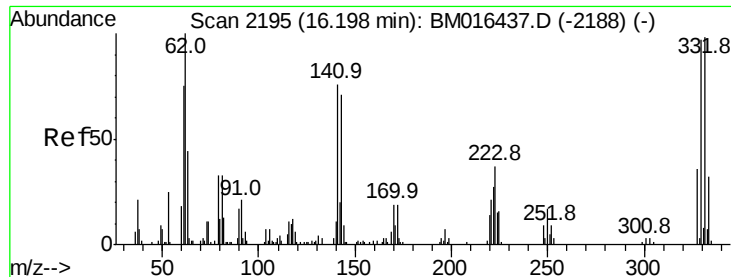
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#40
 Hexachlorocyclopentadiene
 Concen: 65.337 ng
 RT: 12.84 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.7	42.0	82.0
272	10.3	0.0	33.4





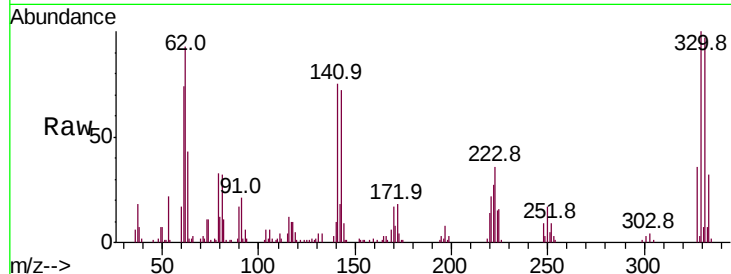
#41
 2,4,6-Tribromophenol
 Concen: 65.337 ng
 RT: 16.19 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Tot Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.1	0.0	0.0#
141	80.2	0.0	0.0#

Manual Integrations
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Sohil
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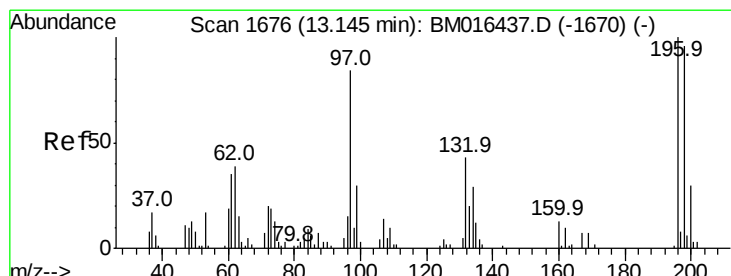
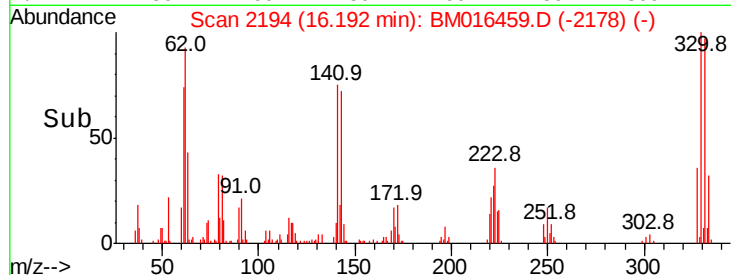
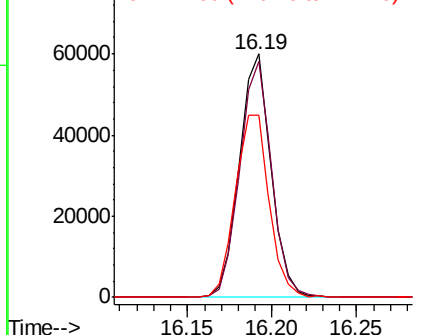


Abundance

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



#42
 2,4,6-Trichlorophenol
 Concen: 36.853 ng
 RT: 13.14 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

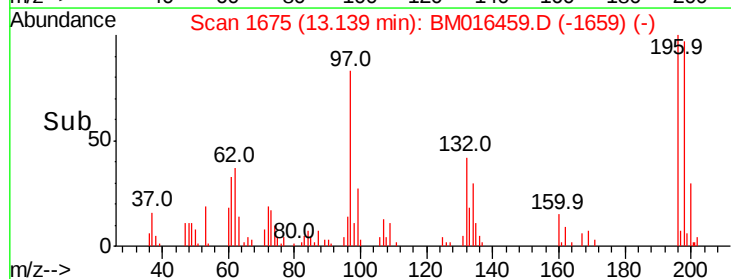
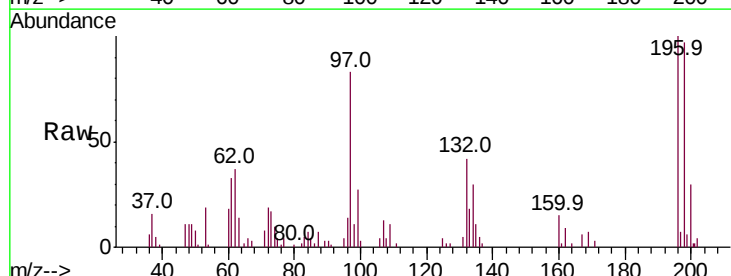
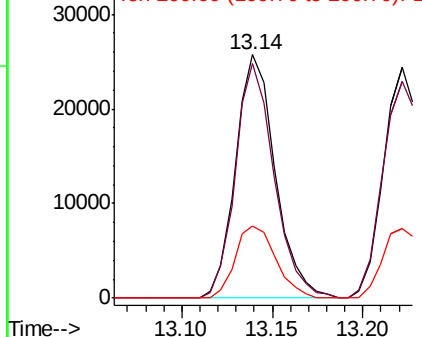
Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	96.6	76.3	114.5
200	29.7	25.6	38.4

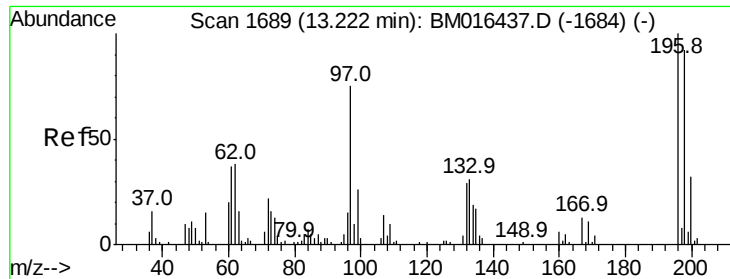
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





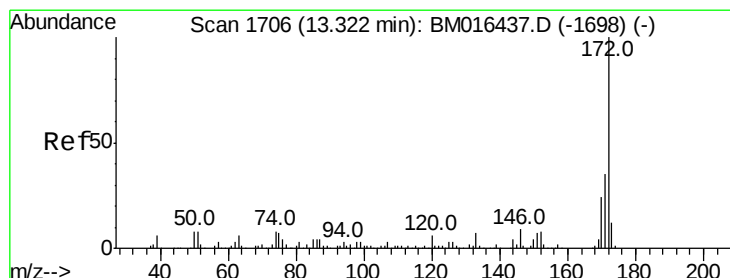
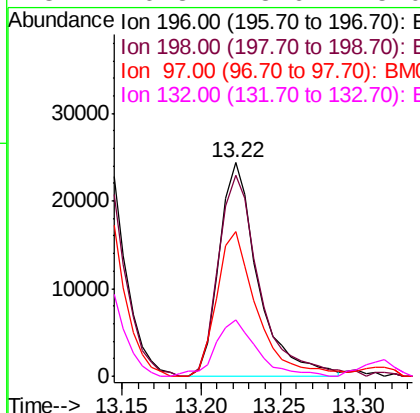
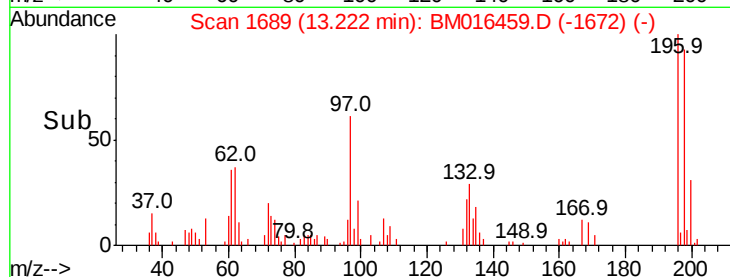
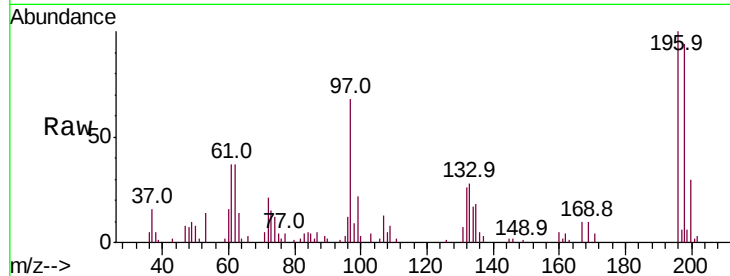
#43
 2,4,5-Trichlorophenol
 Concen: 39.902 ng
 RT: 13.22 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	41476		
198	93.9	79.4	119.0	
97	67.7	26.8	40.2#	
132	26.3	18.6	28.0	

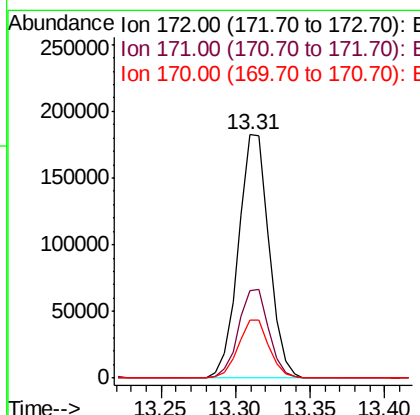
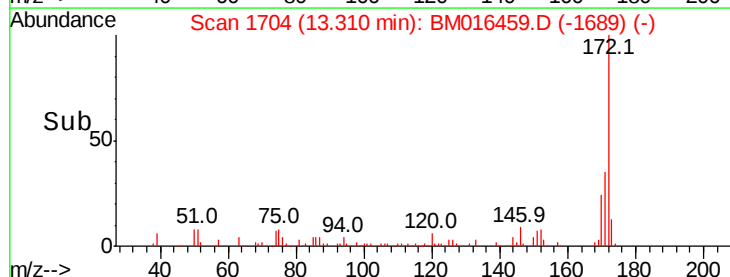
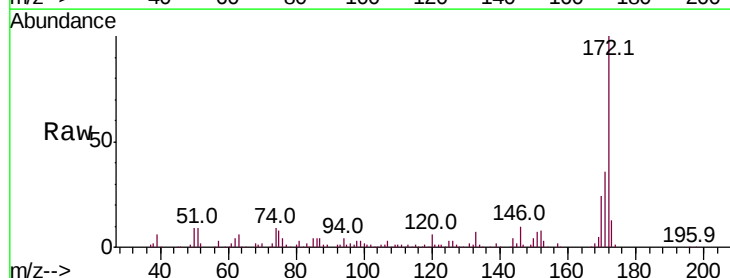
Manual Integrations
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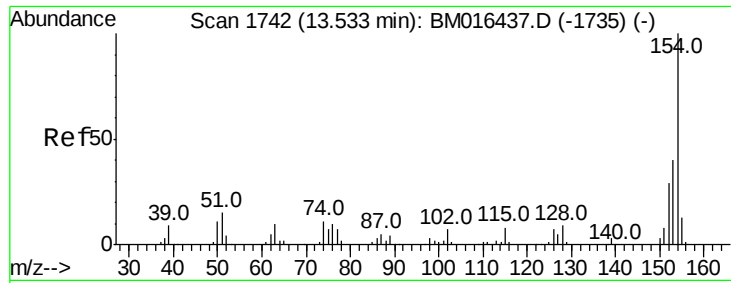
Sohil
 8/20/2018 4:17:11 PM



#44
 2-Fluorobiphenyl
 Concen: 39.902 ng
 RT: 13.31 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	259941		
171	35.9	28.5	42.7	
170	23.6	18.8	28.2	





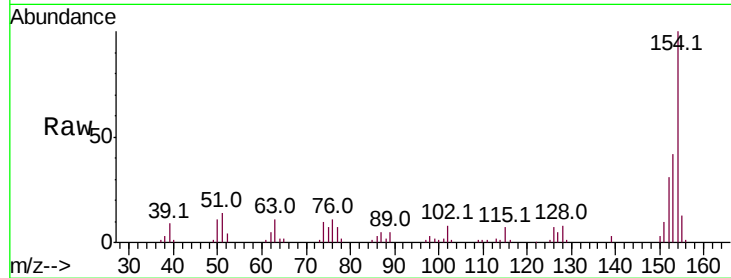
#45
 1,1'-Biphenyl
 Concen: 33.654 ng
 RT: 13.53 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.0	20.7	60.7	
76	11.1	0.0	30.9	

Manual Integrations
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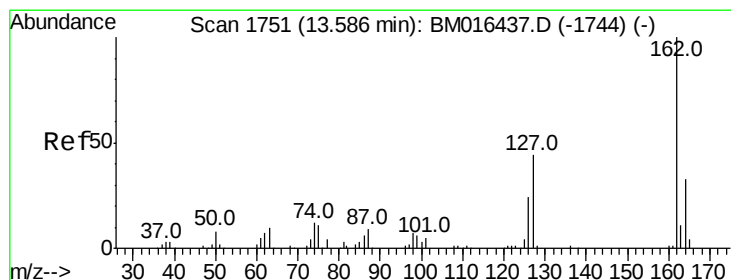
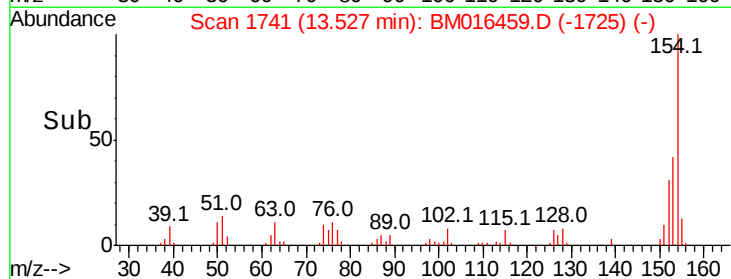
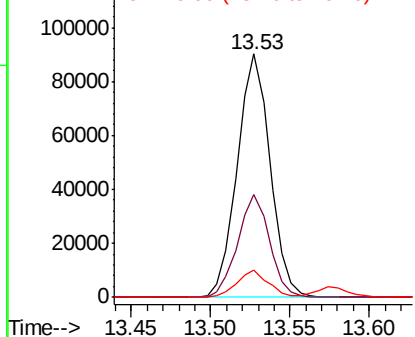


Abundance

Ion 154.00 (153.70 to 154.70): E

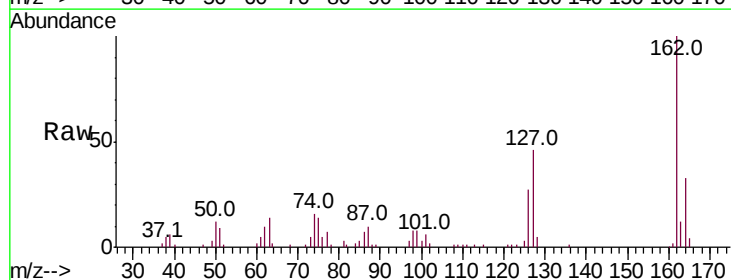
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46
 2-Chloronaphthalene
 Concen: 32.975 ng
 RT: 13.58 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	45.7	26.9	40.3#	
164	32.7	26.8	40.2	

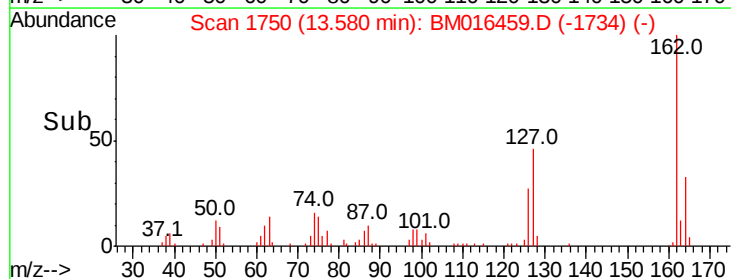
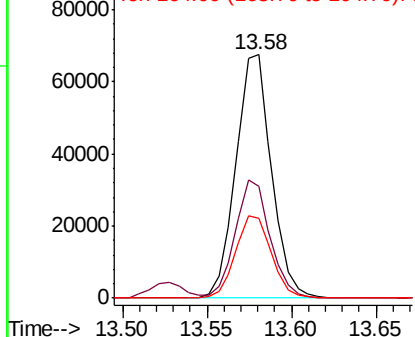


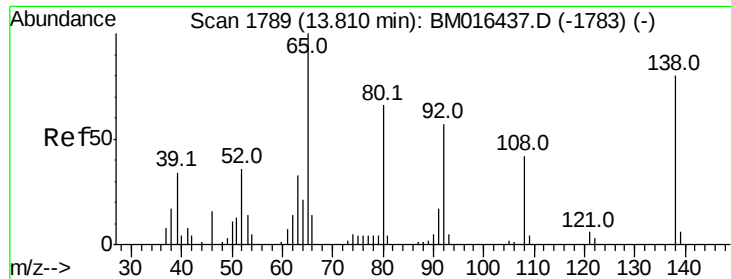
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





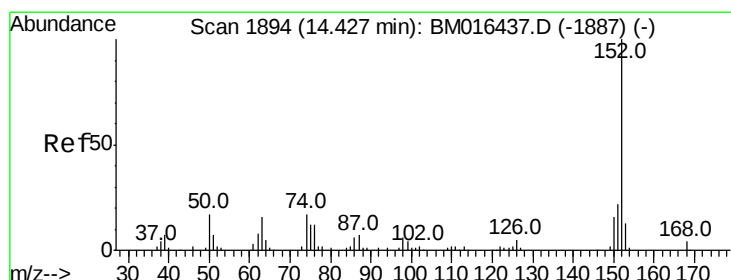
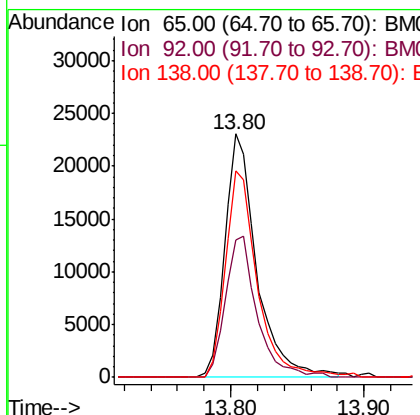
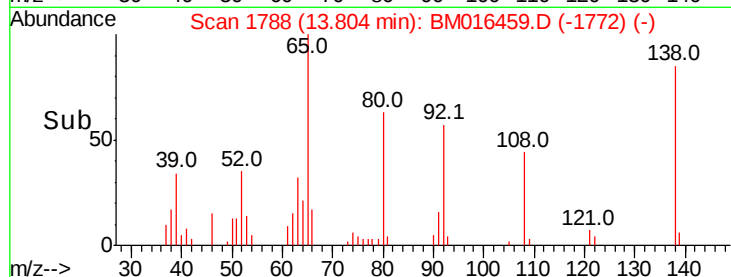
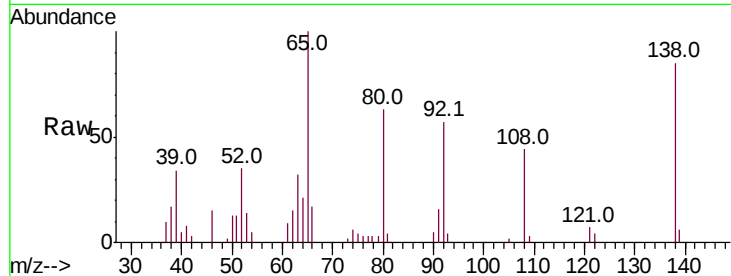
#47
2-Nitroaniline
Concen: 37.030 ng
RT: 13.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	56.7	59.1	88.7#
138	84.9	93.9	140.9#

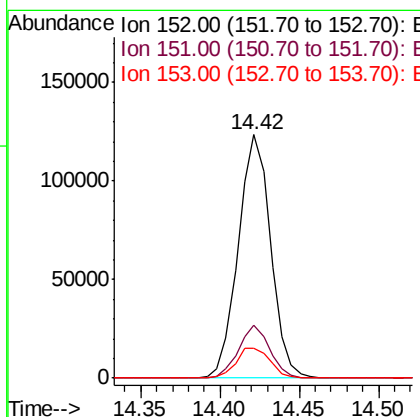
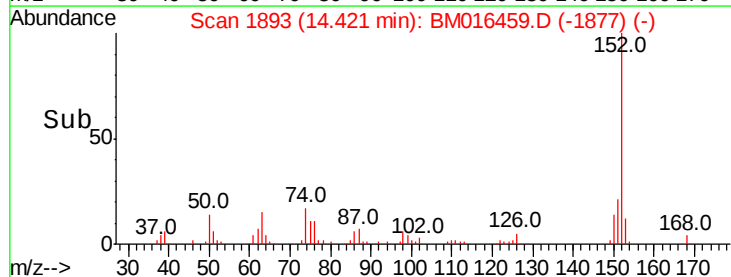
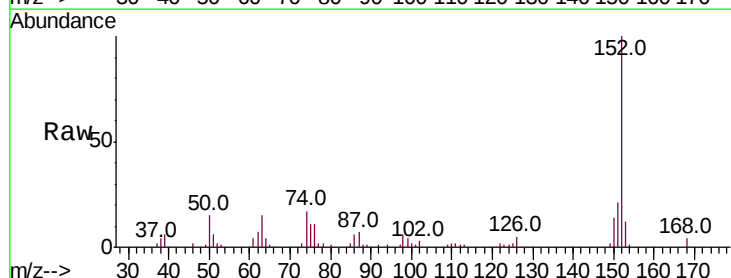
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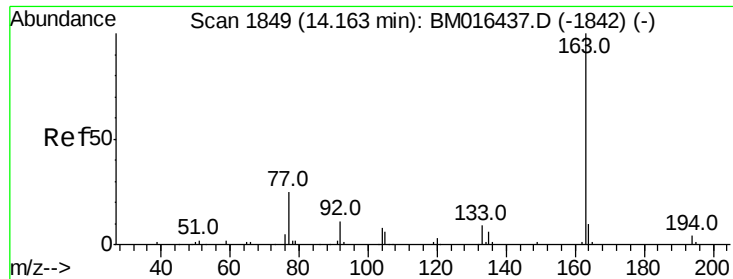
Sohil
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#48
Acenaphthylene
Concen: 38.717 ng
RT: 14.42 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.9	23.9
153	12.2	10.6	16.0





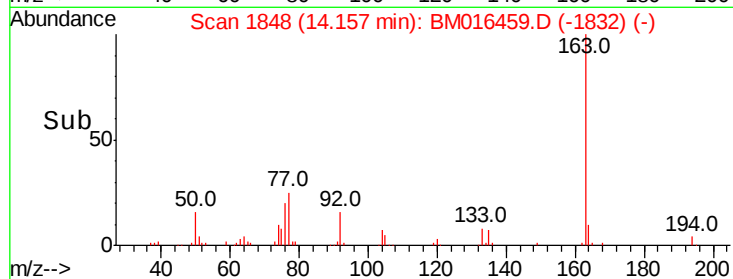
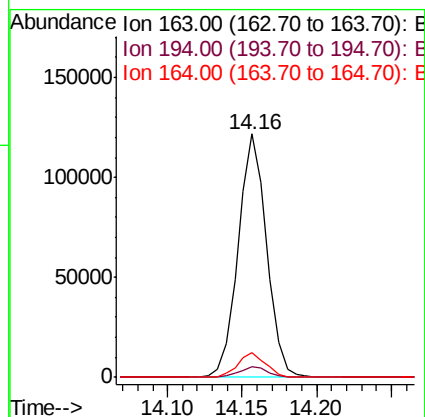
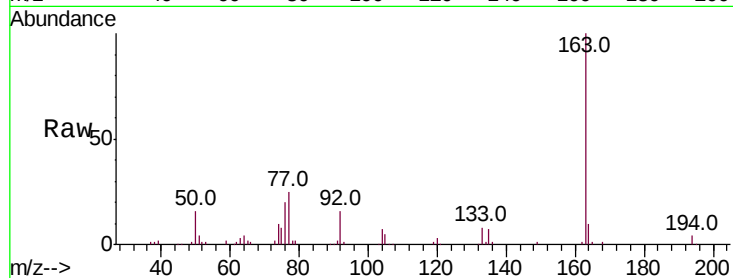
#49
Dimethylphthalate
Concen: 39.399 ng
RT: 14.16 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.4	2.7	4.1#	
164	10.0	8.2	12.2	

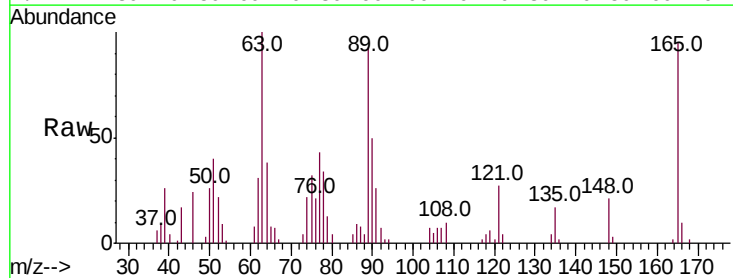
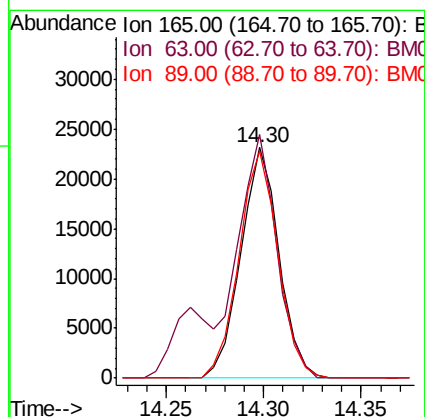
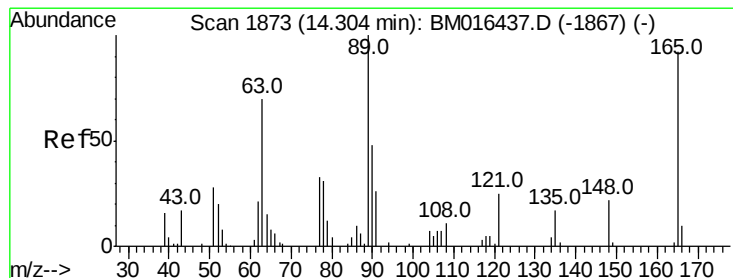
Manual Integrations
APPROVED

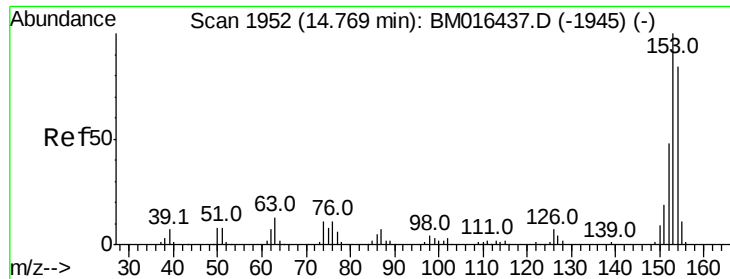
Sohil
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#50
2,6-Dinitrotoluene
Concen: 40.285 ng
RT: 14.30 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	105.5	44.1	66.1#	
89	98.1	44.3	66.5#	





#51

Acenaphthene

Concen: 36.271 ng

RT: 14.76 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Instrument :

BNA_M

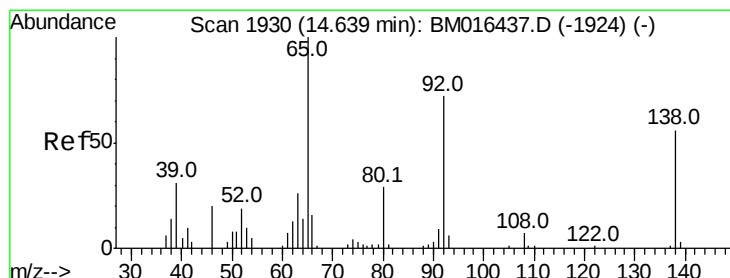
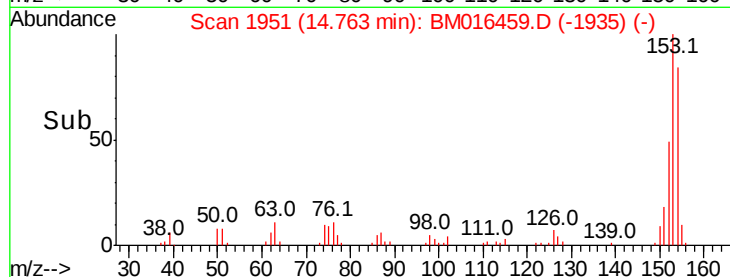
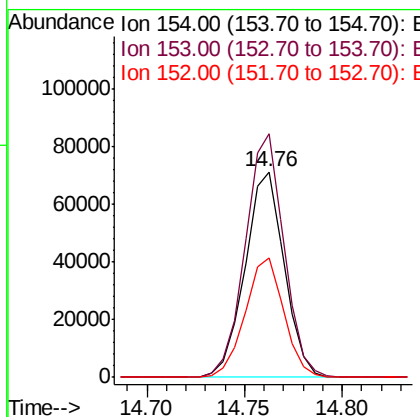
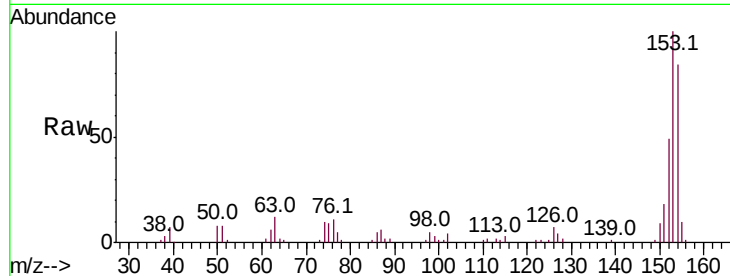
ClientSampled :

PB112169BS

Tot Ion:	154	Resp:	98962
Ion Ratio	Lower	Upper	
154	100		
153	118.5	90.0	135.0
152	58.0	42.6	63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 28.075 ng

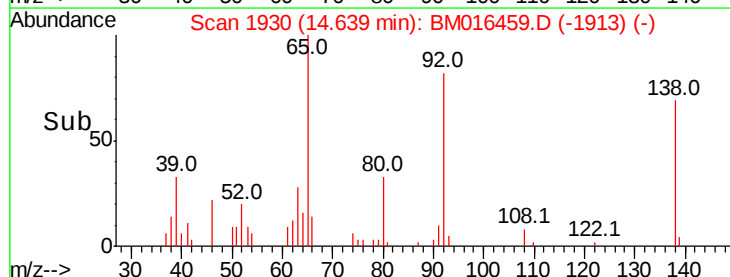
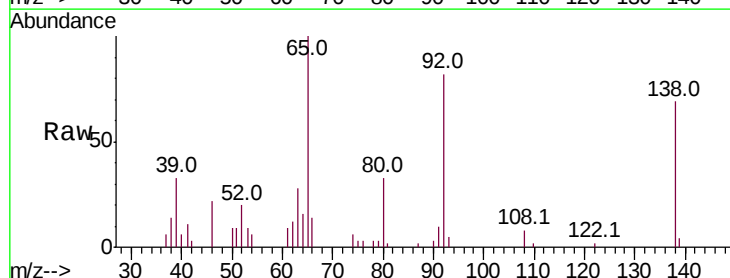
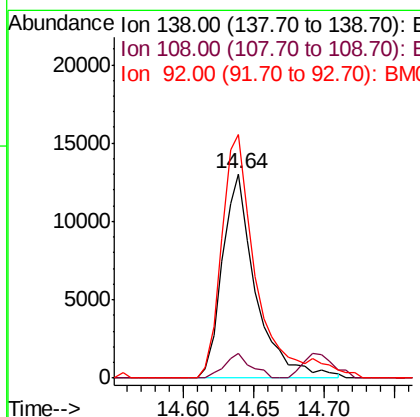
RT: 14.64 min Scan# 1930

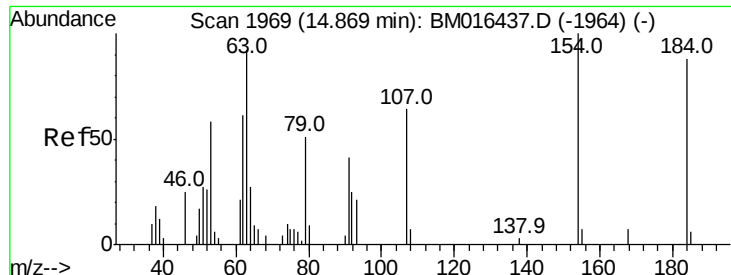
Delta R.T. -0.00 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Tgt Ion:	138	Resp:	21439
Ion Ratio	Lower	Upper	
138	100		
108	12.3	7.3	10.9#
92	119.4	76.6	114.8#





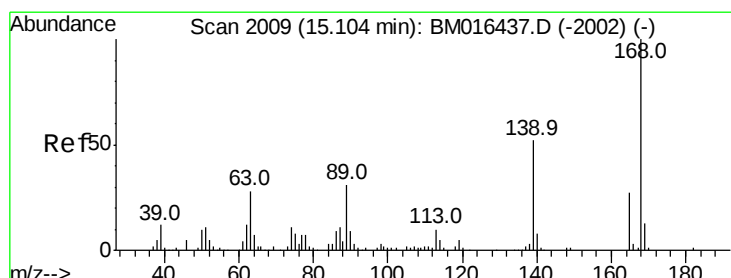
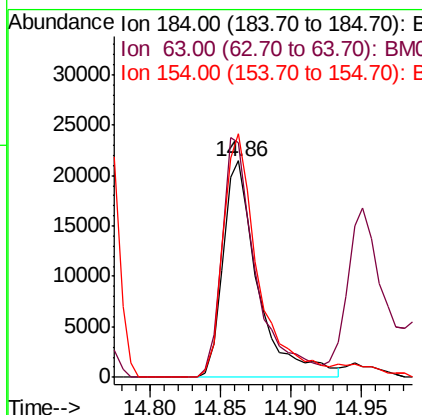
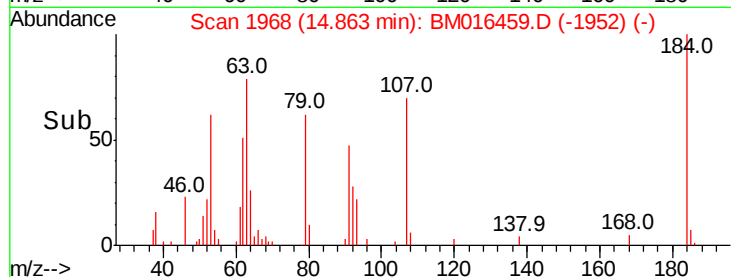
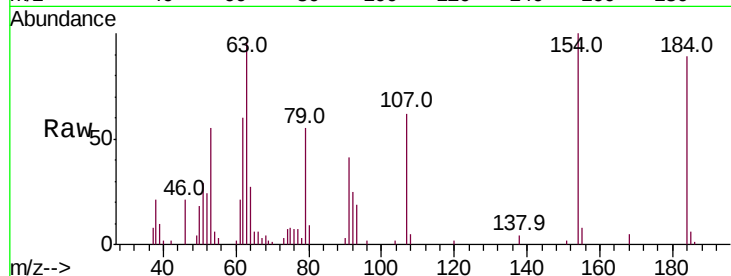
#53
 2,4-Dinitrophenol
 Concen: 89.669 ng
 RT: 14.86 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	108.1	69.2	103.8#	
154	112.4	53.3	79.9#	

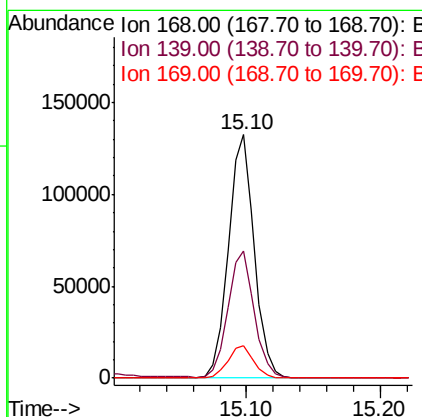
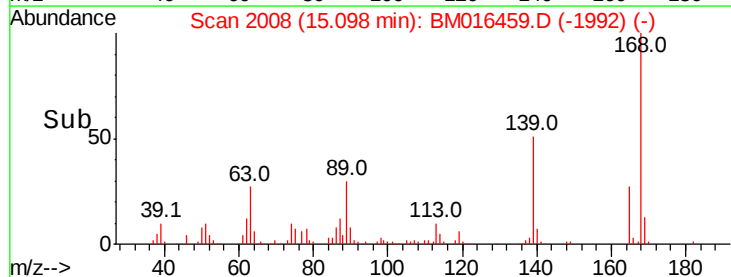
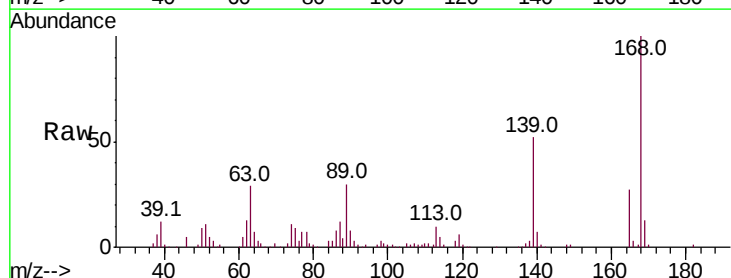
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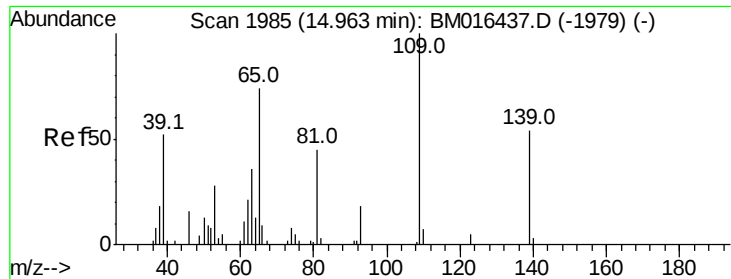
Sohil
 8/20/2018 4:17:11 PM



#54
 Dibenzofuran
 Concen: 37.300 ng
 RT: 15.10 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	52.3	27.3	40.9#	
169	13.2	10.6	16.0	





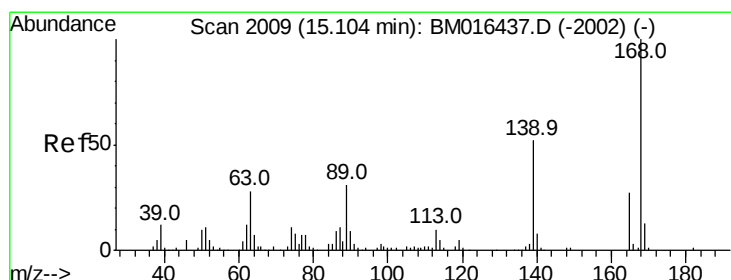
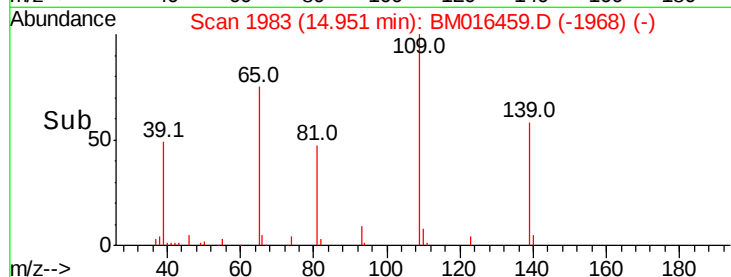
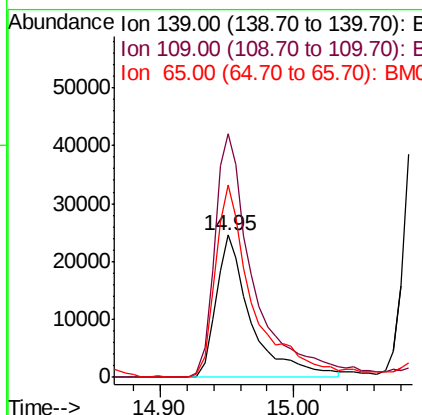
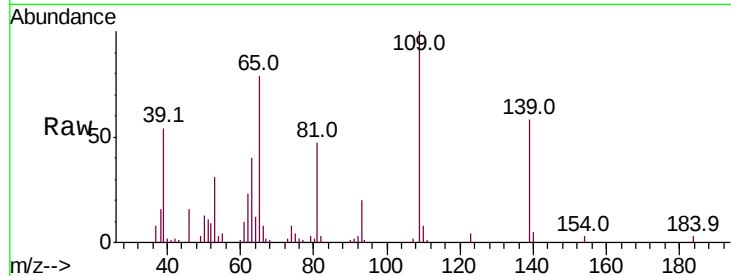
#55
4-Nitrophenol
Concen: 91.137 ng
RT: 14.95 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Instrument :
BNA_M
ClientSampled :
PB112169BS

Tot Ion:139 Resp: 45458
Ion Ratio Lower Upper
139 100
109 171.0 130.0 170.0#
65 135.2 130.0 170.0

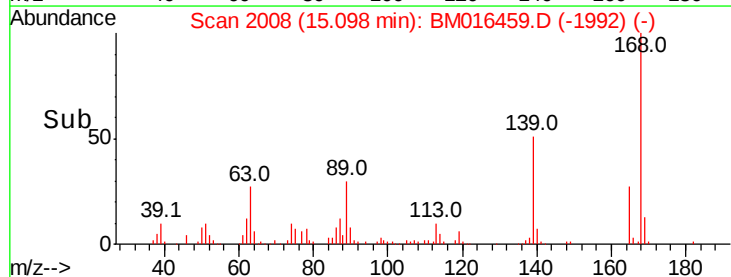
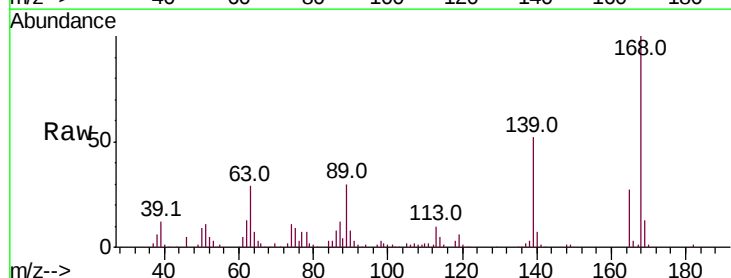
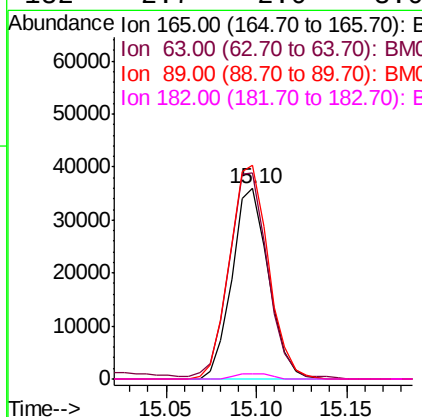
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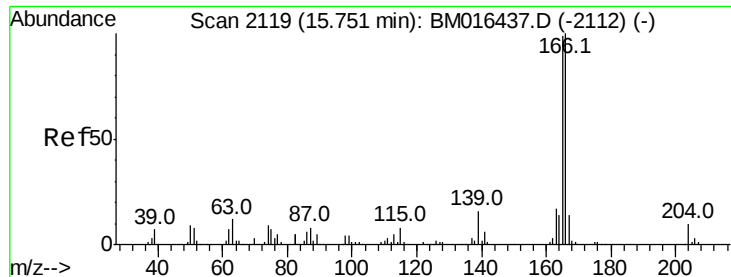
Sohil
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#56
2,4-Dinitrotoluene
Concen: 39.021 ng
RT: 15.10 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Tgt Ion:165 Resp: 50553
Ion Ratio Lower Upper
165 100
63 108.1 52.4 78.6#
89 112.1 72.4 108.6#
182 2.7 2.0 3.0





#57

Fluorene

Concen: 40.578 ng

RT: 15.74 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Instrument :

BNA_M

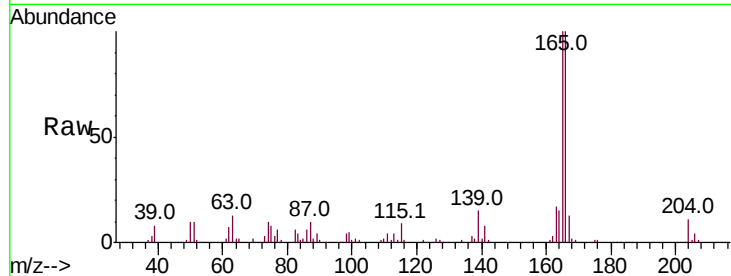
ClientSampled :

PB112169BS

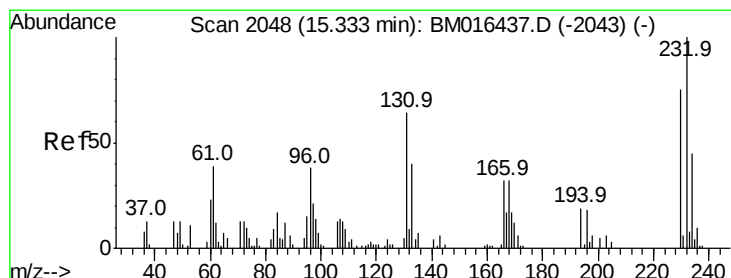
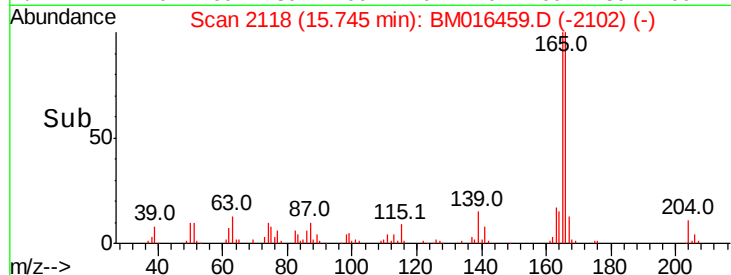
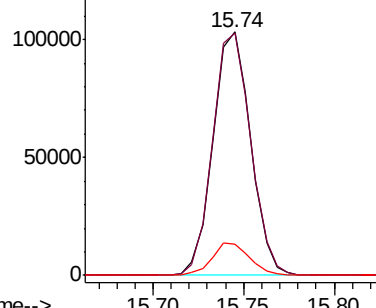
Tot Ion:	166	Resp:	149039
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.0	118.4
167	12.7	10.3	15.5

Manual Integrations
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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



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.070 ng

RT: 15.33 min Scan# 2047

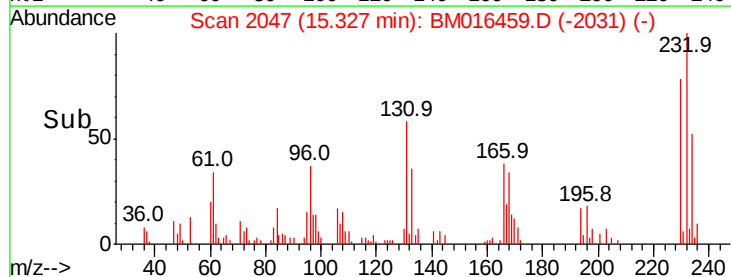
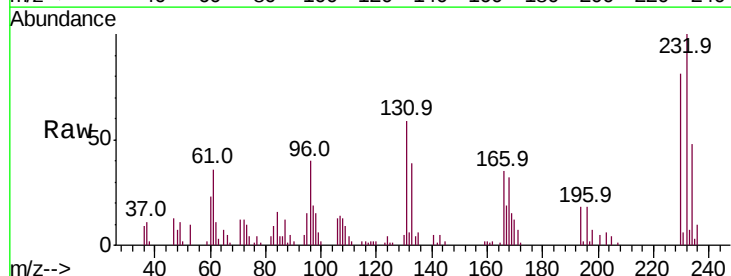
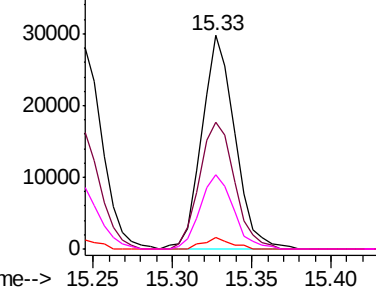
Delta R.T. -0.01 min

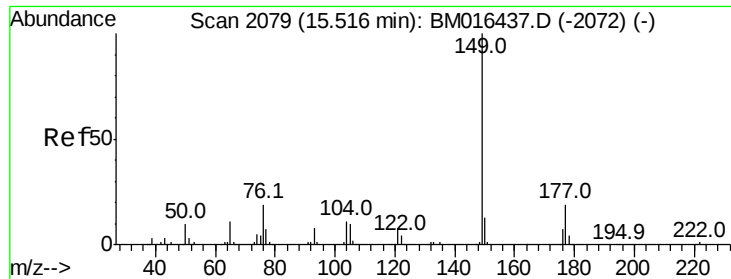
Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Tgt Ion:	232	Resp:	42919
Ion Ratio	Lower	Upper	
232	100		
131	63.3	0.0	0.0#
130	4.4	0.0	0.0#
166	35.1	0.0	0.0#

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





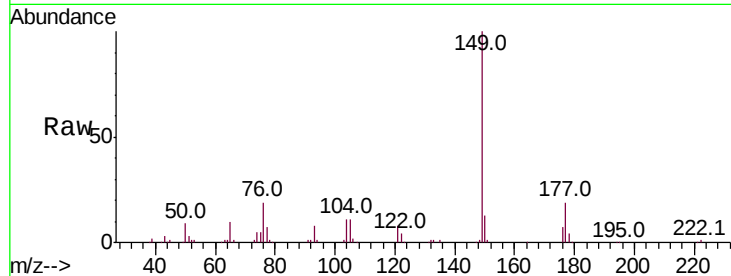
#59
Diethylphthalate
Concen: 39.229 ng
RT: 15.51 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Instrument :
BNA_M
ClientSampleId :
PB112169BS

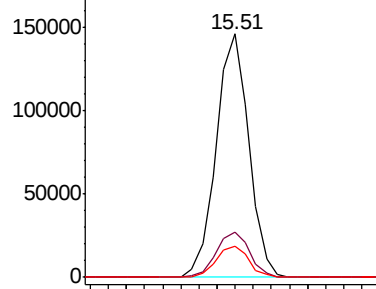
Tot Ion	Ratio	Resp	Lower	Upper
149	100	181771		
177	18.7	18.3	27.5	
150	12.6	9.8	14.8	

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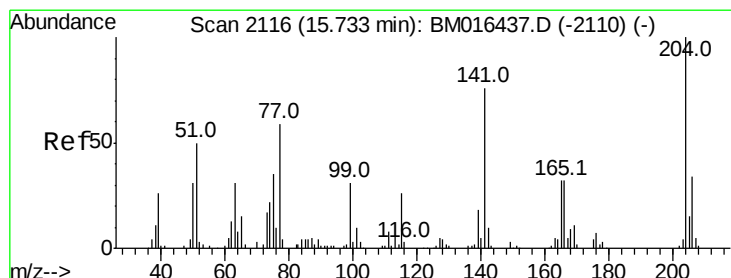
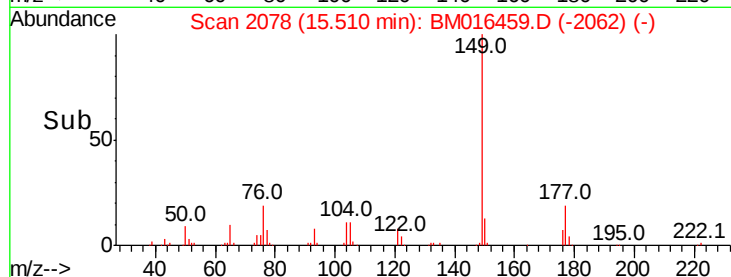
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Abundance Ion 149.00 (148.70 to 149.70): E
200000 Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

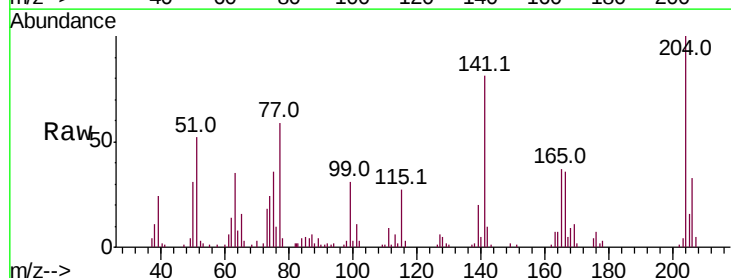


Time-->

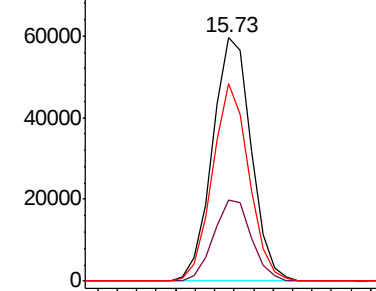


#60
4-Chlorophenyl-phenylether
Concen: 35.229 ng
RT: 15.73 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

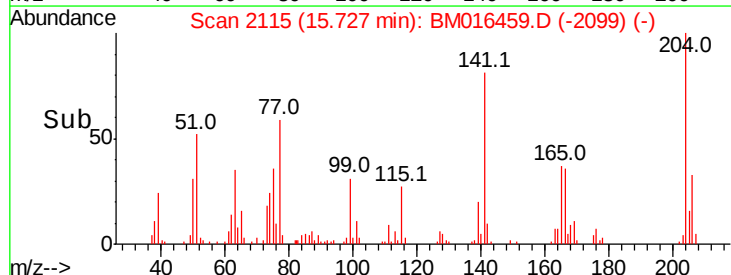
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	81860		
206	33.1	26.6	39.8	
141	81.0	45.2	67.8	

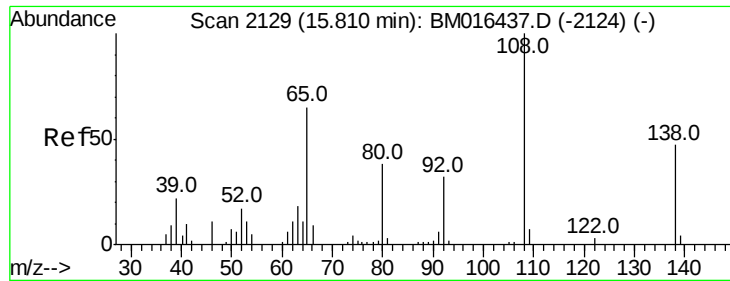


Abundance Ion 204.00 (203.70 to 204.70): E
80000 Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#61

4-Nitroaniline

Concen: 40.539 ng

RT: 15.80 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Instrument :

BNA_M

ClientSampled :

PB112169BS

Tot Ion:138 Resp: 29931

Ion Ratio Lower Upper

138 100

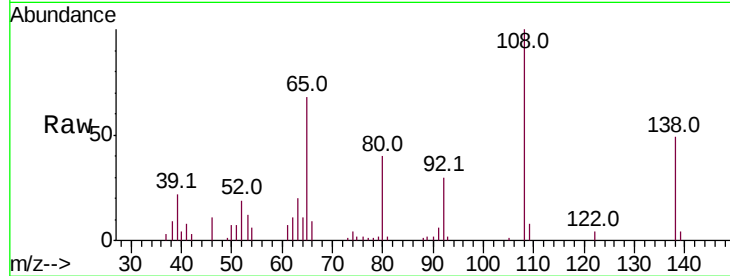
92 61.7 16.7 56.7#

108 204.3 37.6 77.6#

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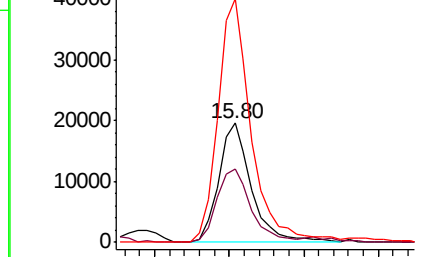
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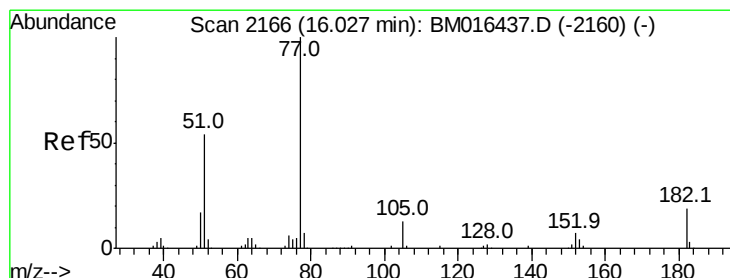
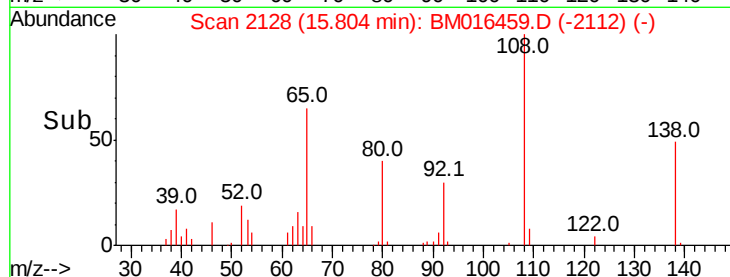
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



Time-->



#62

Azobenzene

Concen: 38.580 ng

RT: 16.02 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Tgt Ion: 77 Resp: 206159

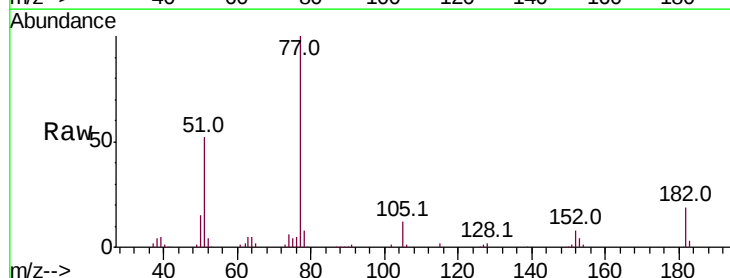
Ion Ratio Lower Upper

77 100

182 18.6 6.5 46.5

105 12.1 3.8 43.8

51 52.4 5.5 45.5#

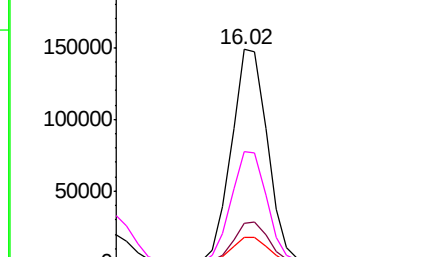


Abundance Ion 77.00 (76.70 to 77.70): BM

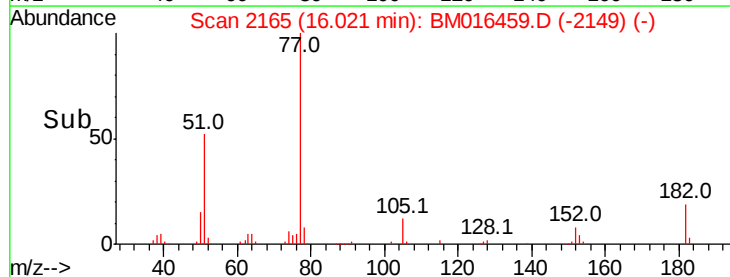
Ion 182.00 (181.70 to 182.70): E

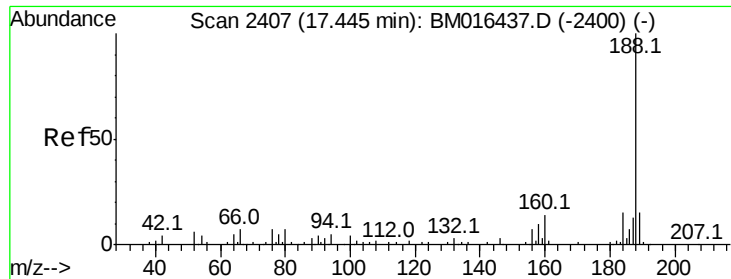
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM



Time-->





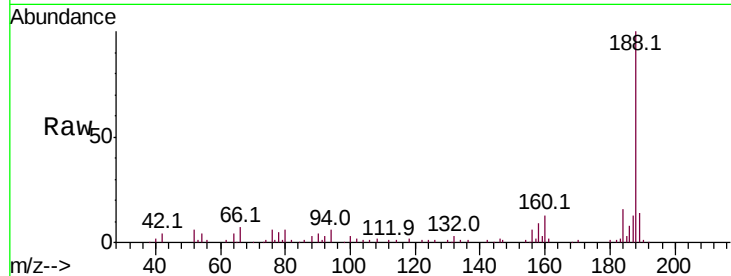
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

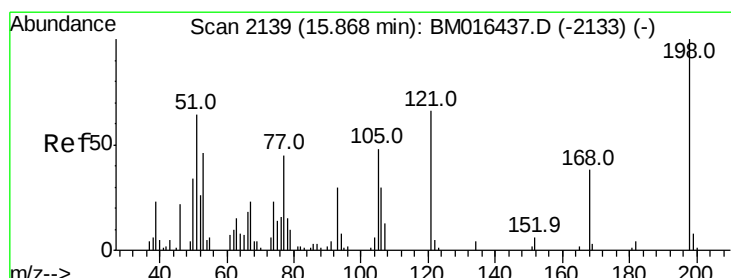
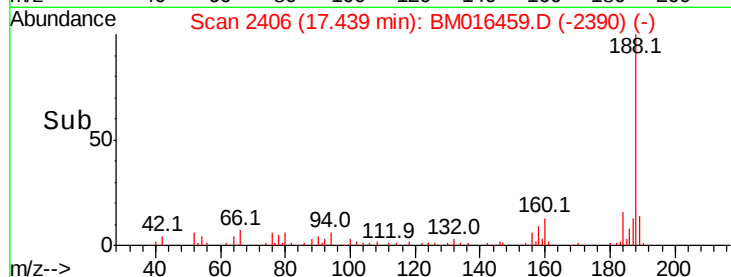
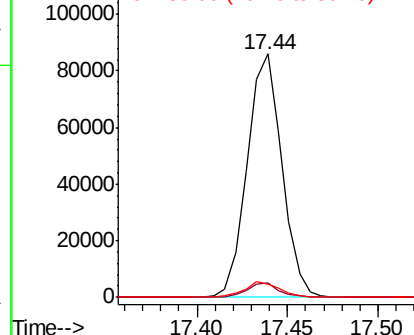
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.8	8.7	13.1#
80	5.5	9.3	13.9#

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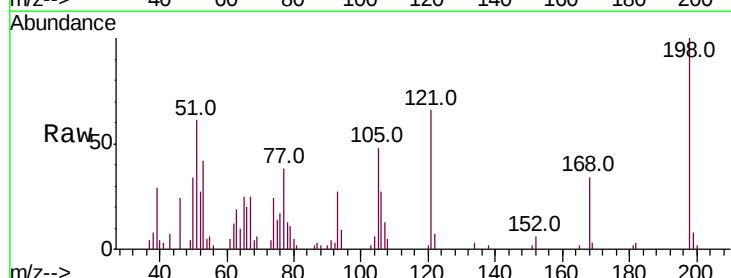


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM
 Ion 80.00 (79.70 to 80.70): BM

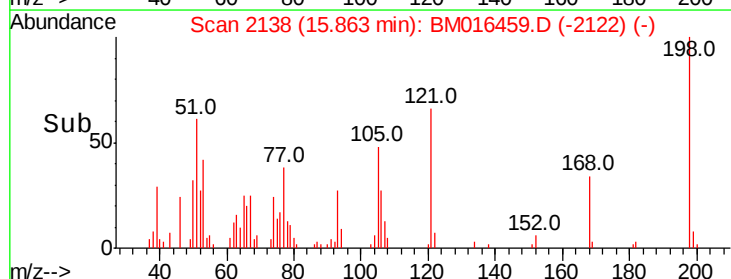
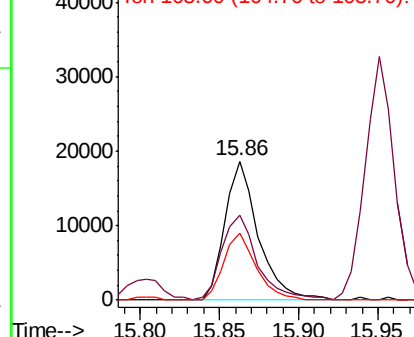


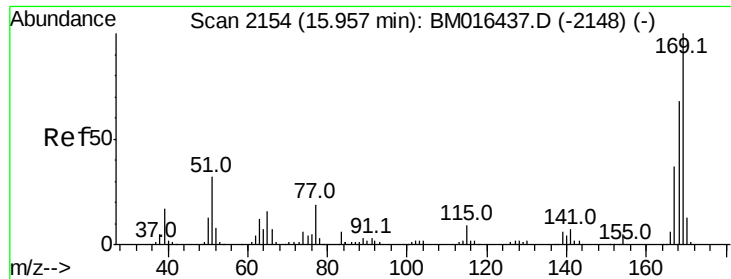
#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.280 ng
 RT: 15.86 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	61.2	28.8	68.8
105	47.9	30.5	70.5



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E





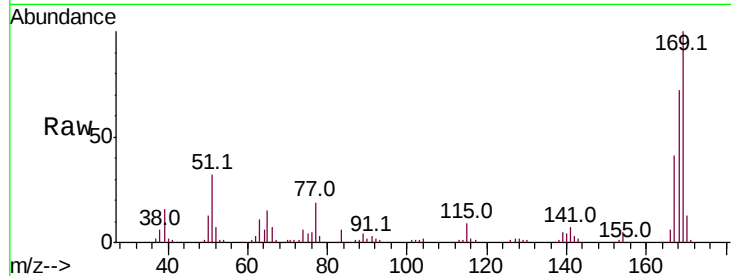
#65
 n-Nitrosodiphenylamine
 Concen: 34.551 ng
 RT: 15.95 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Instrument :
 BNA_M
 ClientSampled :
 PB112169BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	71.6	53.9	80.9	
167	41.0	28.9	43.3	

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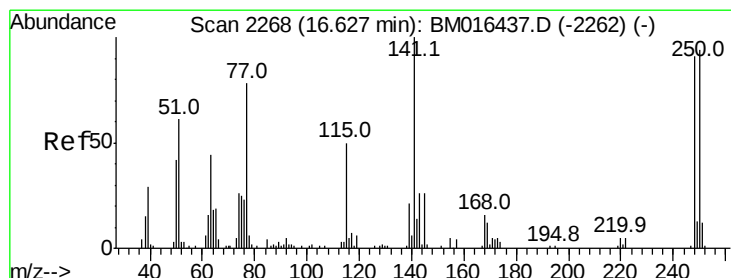
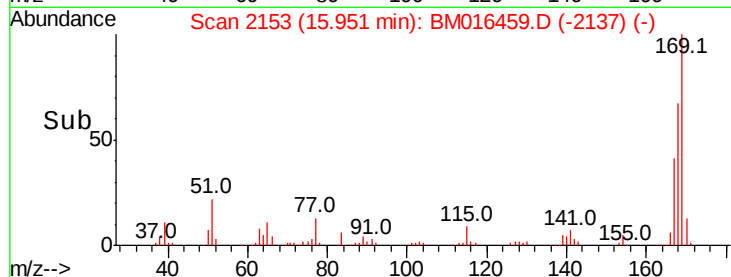
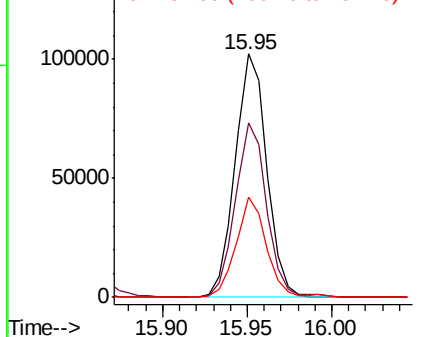


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 33.915 ng
 RT: 16.62 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

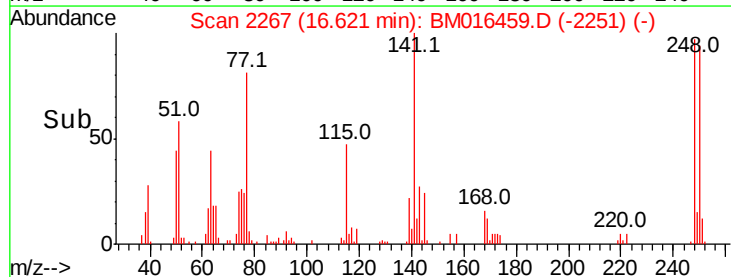
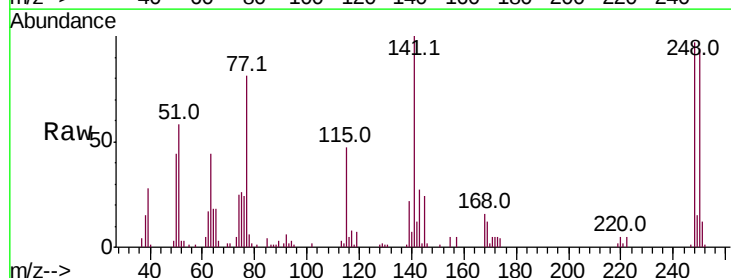
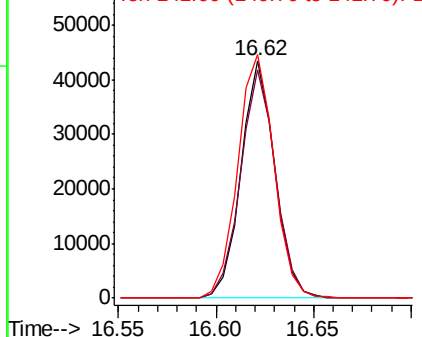
Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.2	77.4	116.0	
141	102.6	45.2	67.8#	

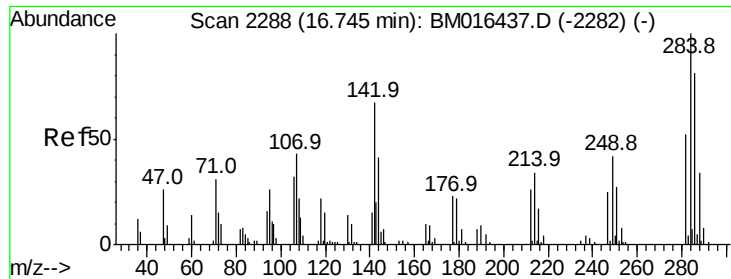
Abundance

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





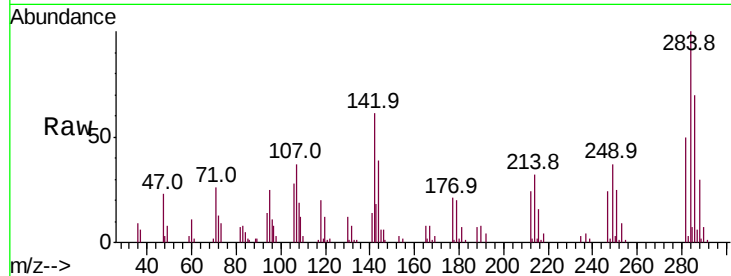
#67
Hexachlorobenzene
Concen: 34.560 ng
RT: 16.74 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Instrument :
BNA_M
ClientSampleId :
PB112169BS

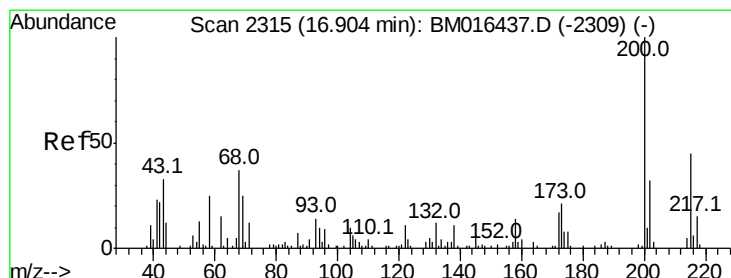
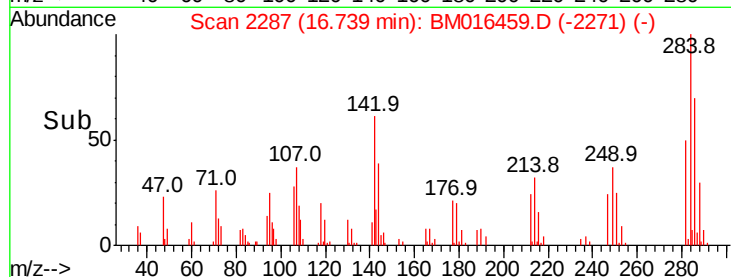
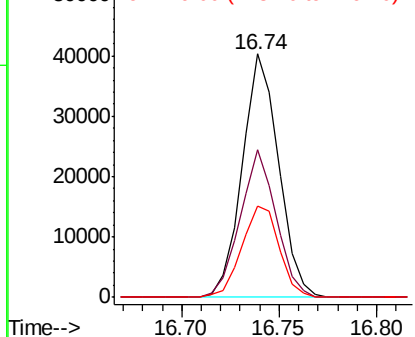
Tot Ion	Ratio	Resp	Lower	Upper
284	100	52031		
142	60.6	20.4	30.6#	
249	37.4	23.8	35.6#	

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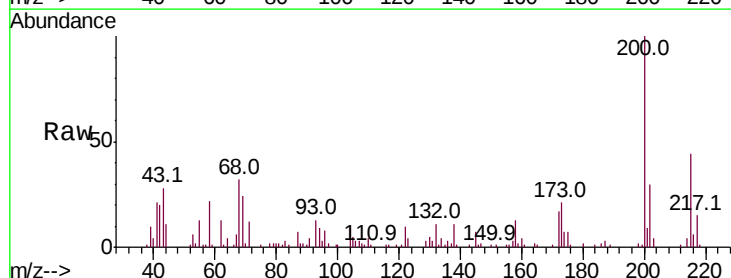


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

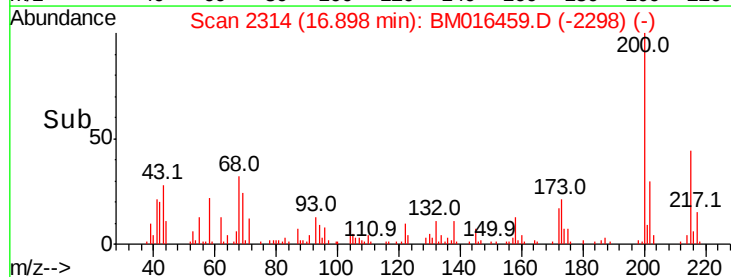
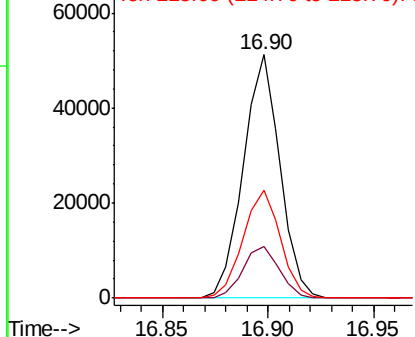


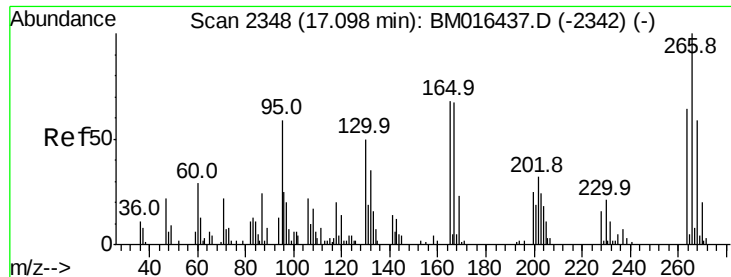
#68
Atrazine
Concen: 43.556 ng
RT: 16.90 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	61629		
173	21.2	4.8	44.8	
215	44.2	26.9	66.9	



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





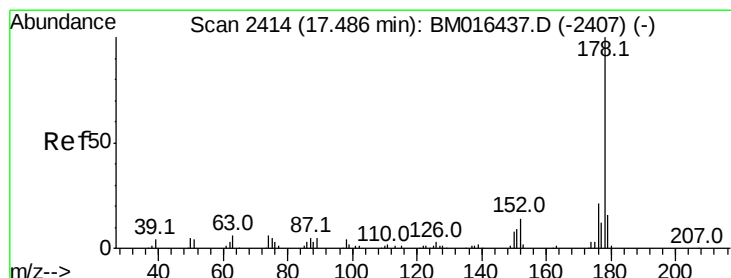
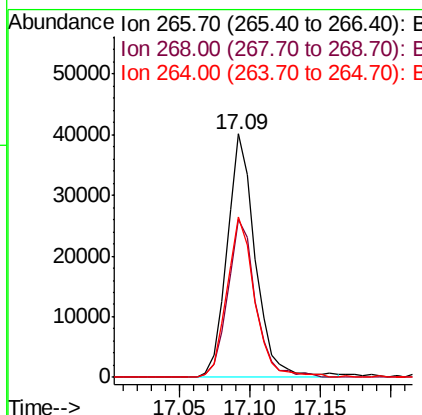
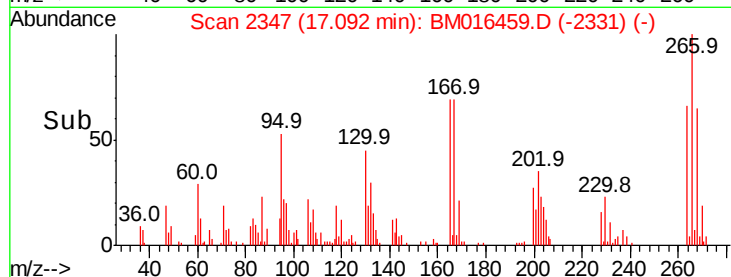
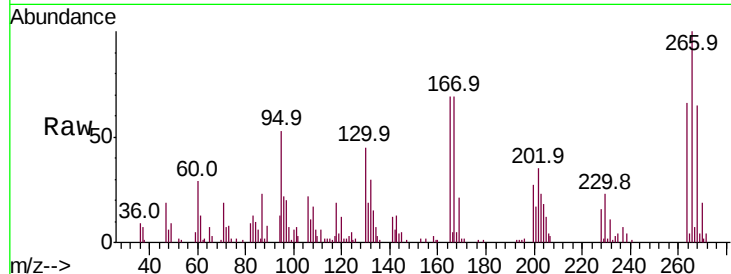
#69
 Pentachlorophenol
 Concen: 64.690 ng
 RT: 17.09 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Instrument :
 BNA_M
 ClientSampled :
 PB112169BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.7	52.0	78.0	
264	65.9	49.0	73.4	

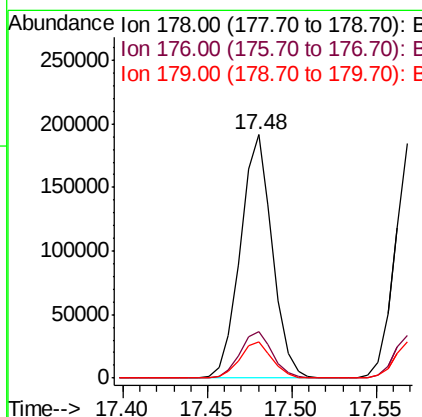
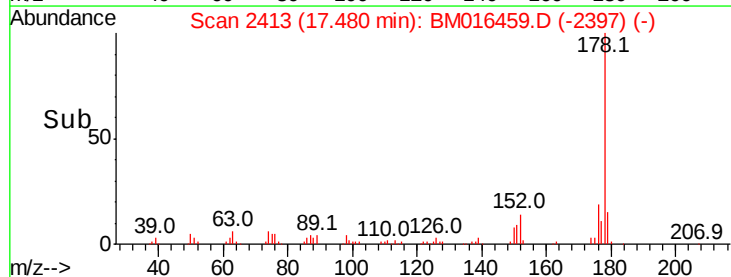
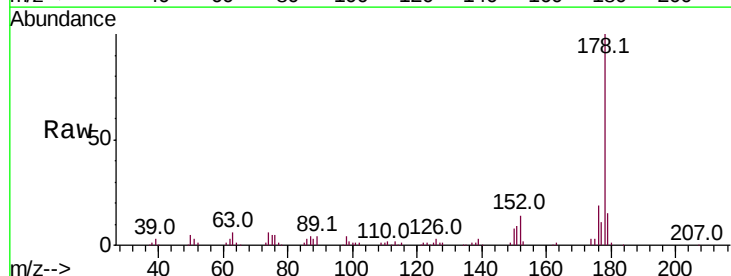
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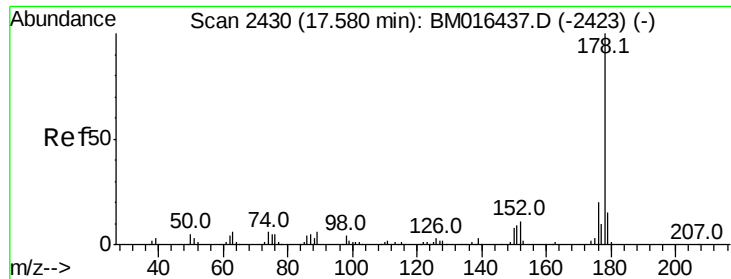
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#70
 Phenanthrene
 Concen: 38.878 ng
 RT: 17.48 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.1	15.2	22.8	
179	15.1	12.1	18.1	





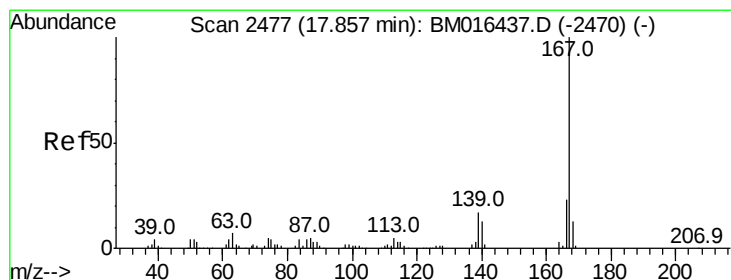
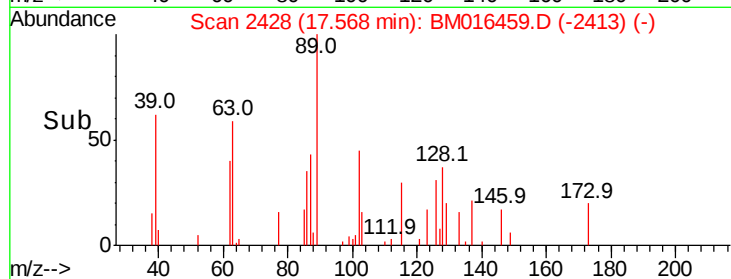
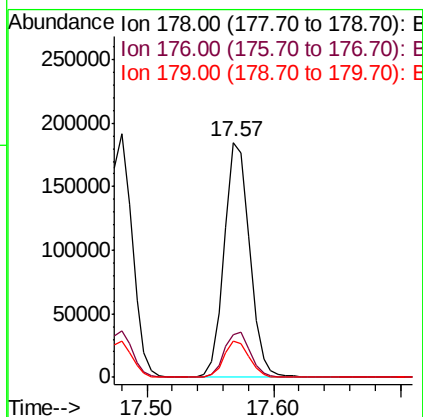
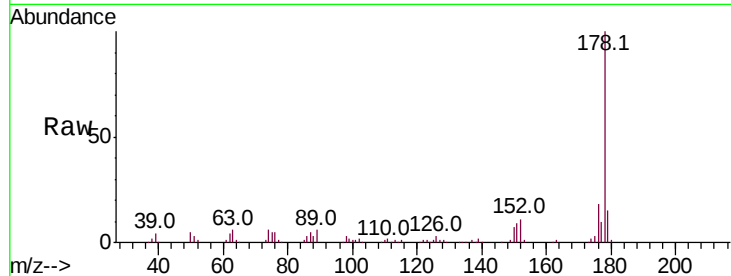
#71
 Anthracene
 Concen: 40.133 ng
 RT: 17.57 min Scan# 2428
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Instrument :
 BNA_M
 ClientSampled :
 PB112169BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.2	12.6	19.0

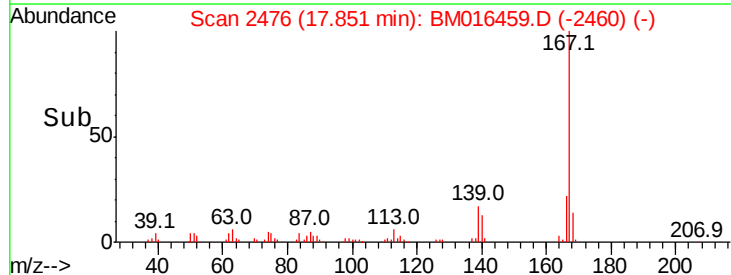
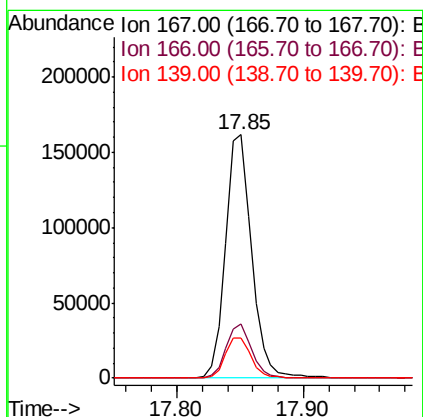
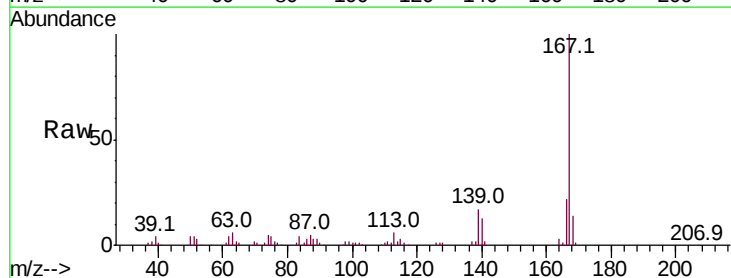
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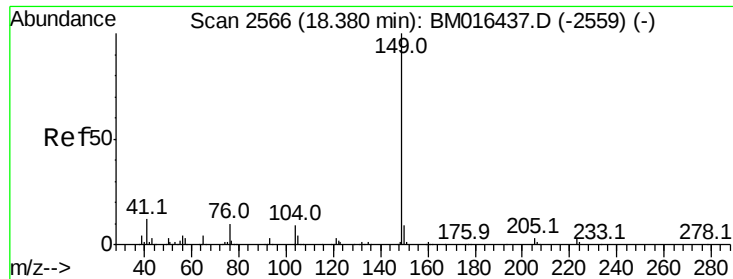
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#72
 Carbazole
 Concen: 36.995 ng
 RT: 17.85 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.2	25.8
139	16.7	10.8	16.2#





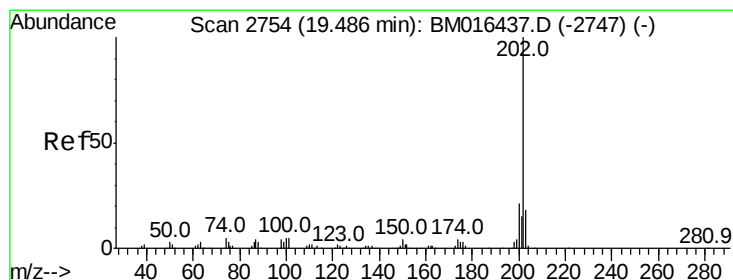
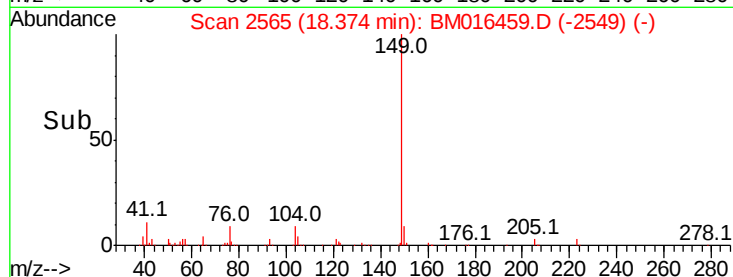
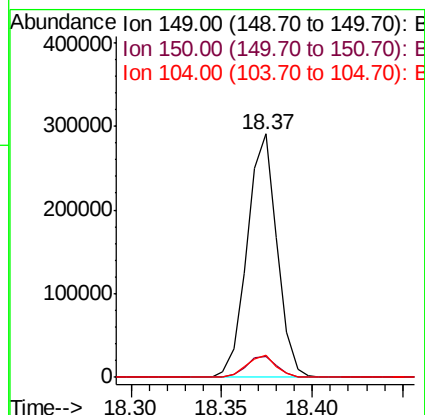
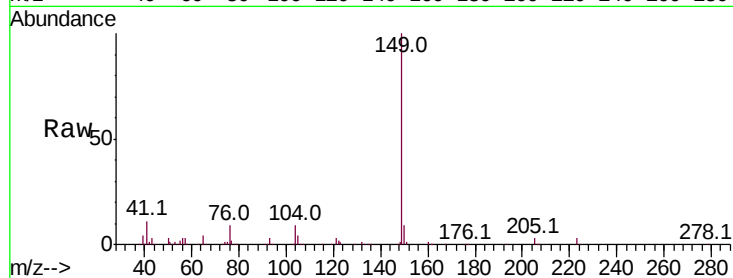
#73
Di-n-butylphthalate
Concen: 37.119 ng
RT: 18.37 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	8.8	7.5	11.3
104	9.0	3.7	5.5

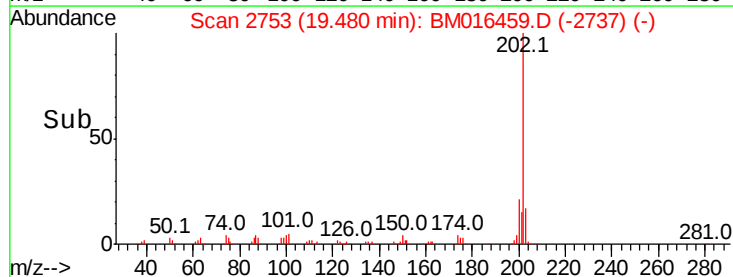
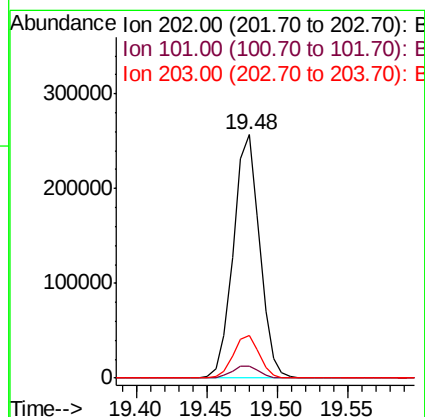
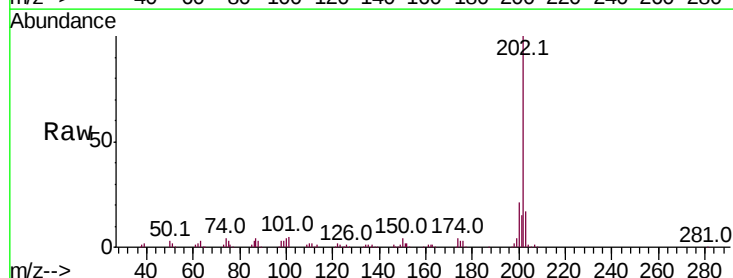
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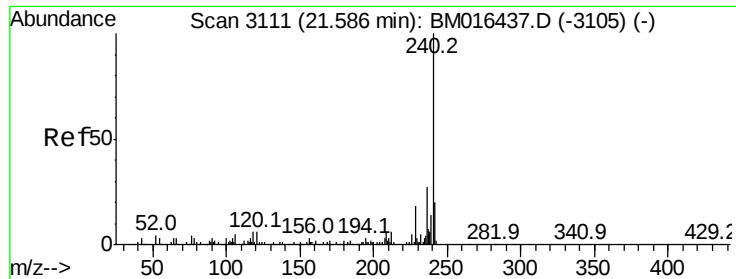
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#74
Fluoranthene
Concen: 42.733 ng
RT: 19.48 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	5.1	0.0	28.7
203	17.4	0.0	37.2





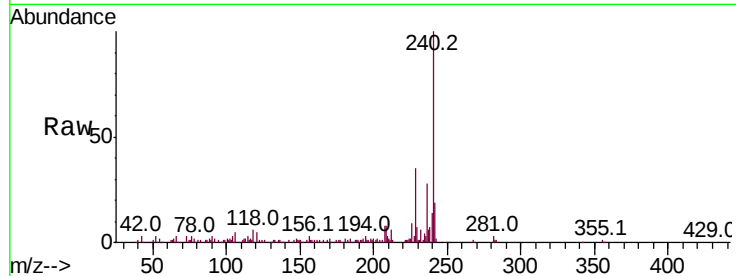
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	5.4	8.2	12.2#
236	27.7	20.0	30.0

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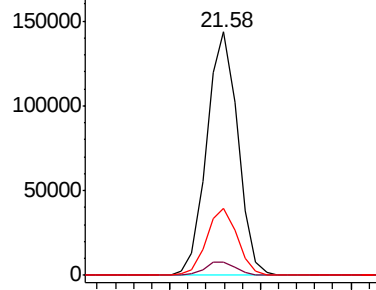


Abundance

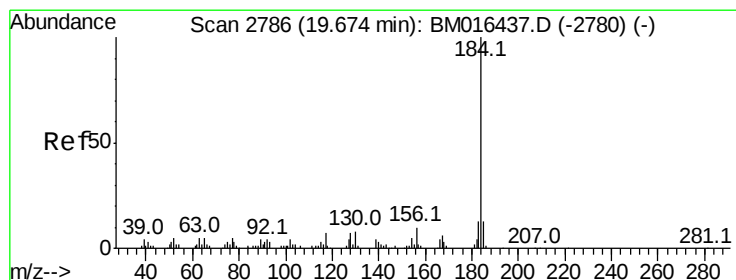
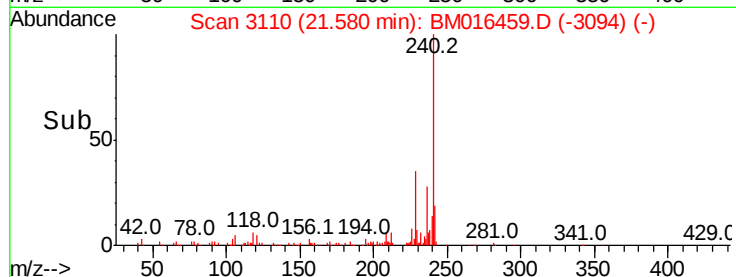
Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

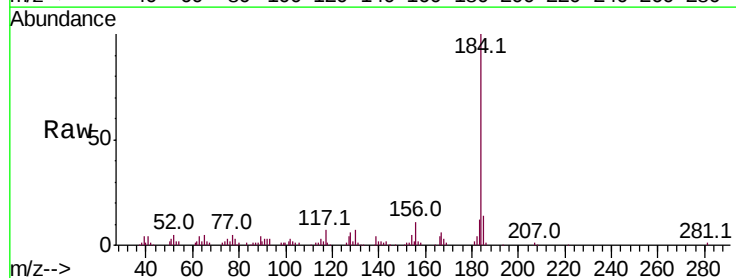


Time-->



#76
Benzidine
Concen: 42.069 ng
RT: 19.67 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	14.0	11.3	16.9
183	11.8	8.9	13.3

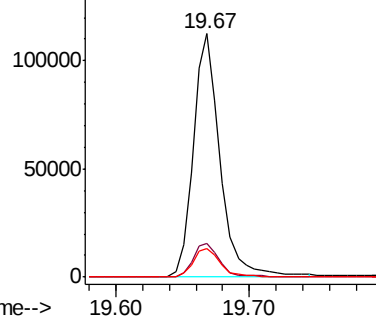


Abundance

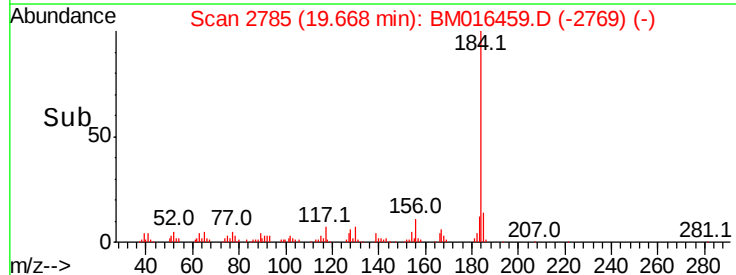
Ion 184.00 (183.70 to 184.70): E

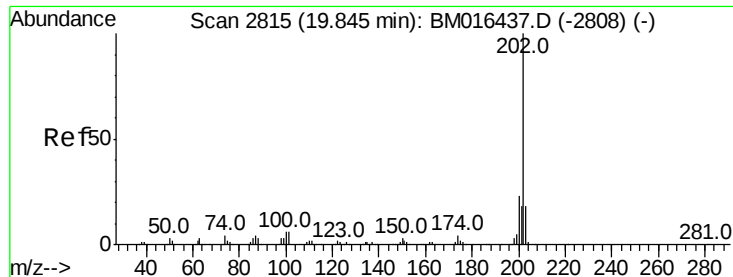
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pvrene

Concen: 31.049 ng

RT: 19.84 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Instrument :

BNA_M

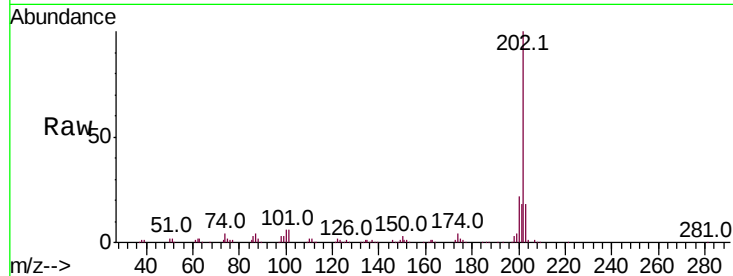
ClientSampleId :

PB112169BS

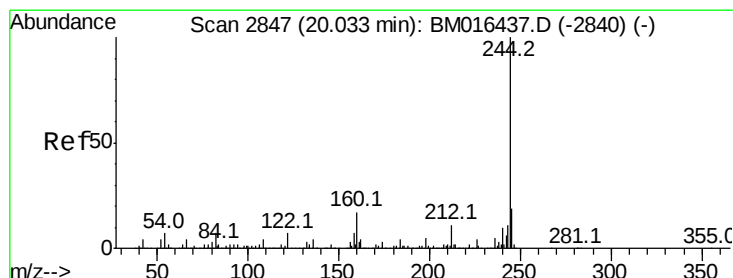
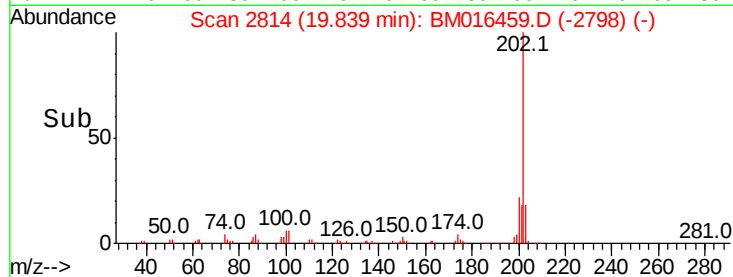
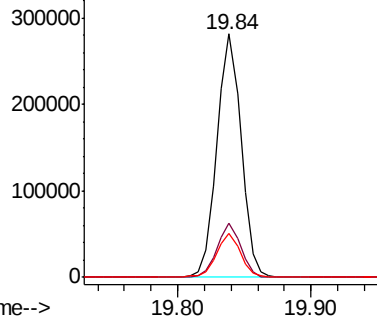
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	22.1	16.9	25.3		
203	17.8	14.1	21.1		

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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



#78

Terphenyl-d14

Concen: 31.049 ng

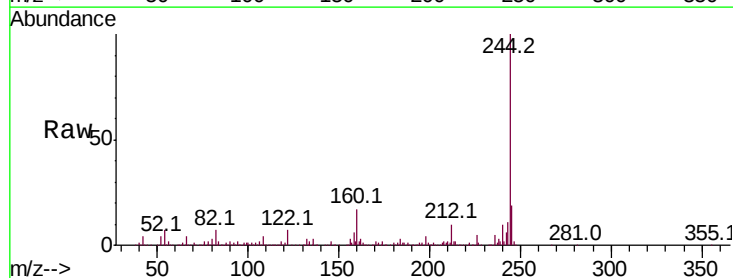
RT: 20.03 min Scan# 2846

Delta R.T. -0.01 min

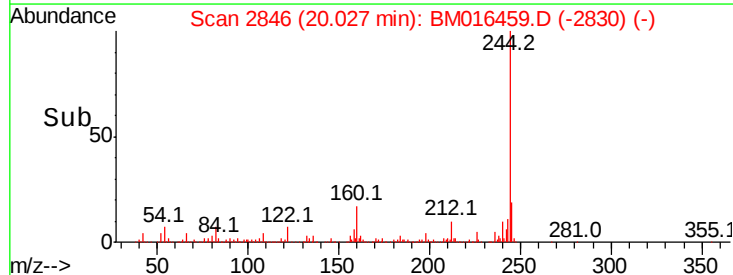
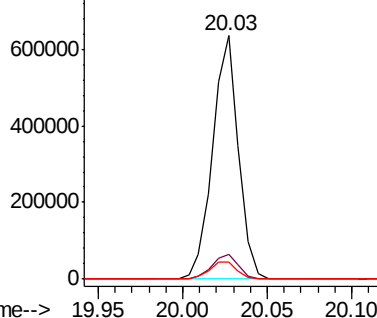
Lab File: BM016459.D

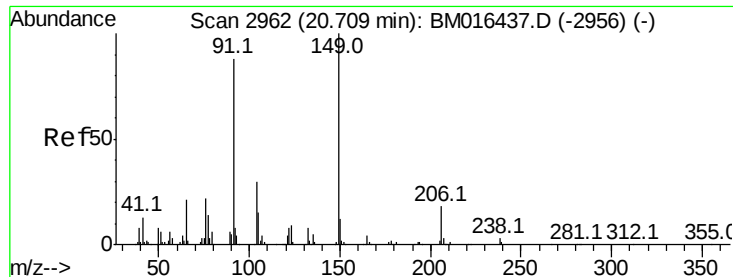
Acq: 18 Aug 2018 04:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	10.1	4.9	7.3#		
122	7.1	6.2	9.4		



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 33.713 ng

RT: 20.70 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Instrument :

BNA_M

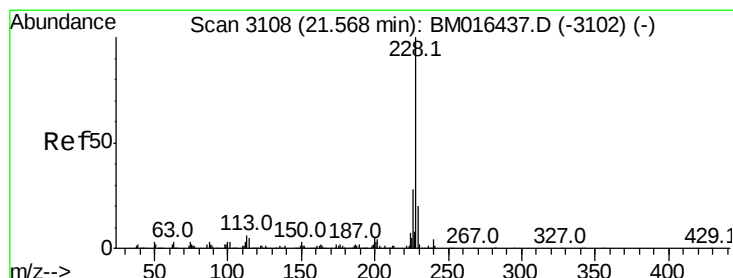
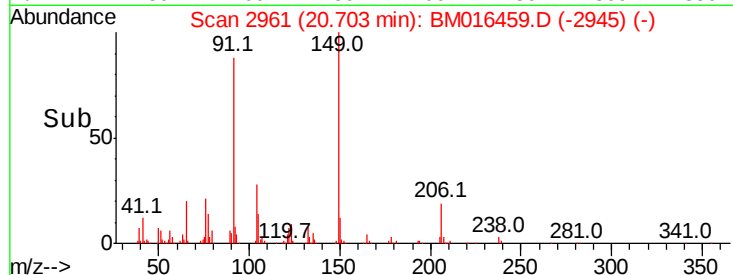
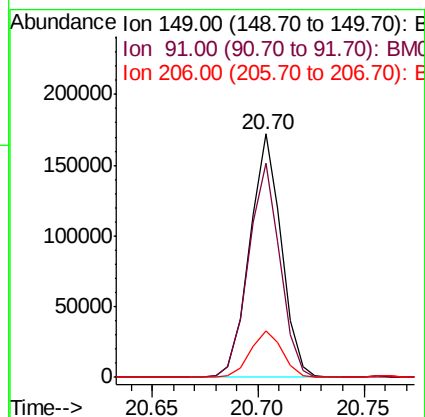
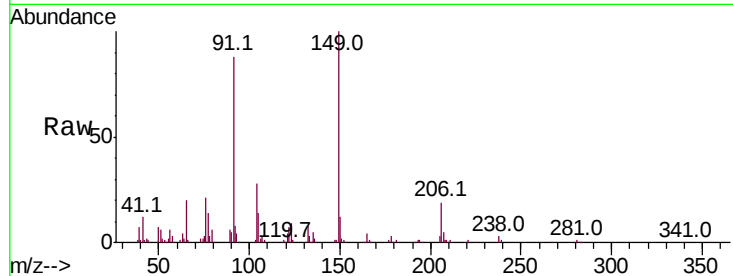
ClientSampleId :

PB112169BS

Tot Ion:	149	Resp:	178349
Ion Ratio	Lower	Upper	
149	100		
91	87.9	50.1	75.1#
206	19.0	16.2	24.2

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#80

Benzo(a)anthracene

Concen: 39.049 ng

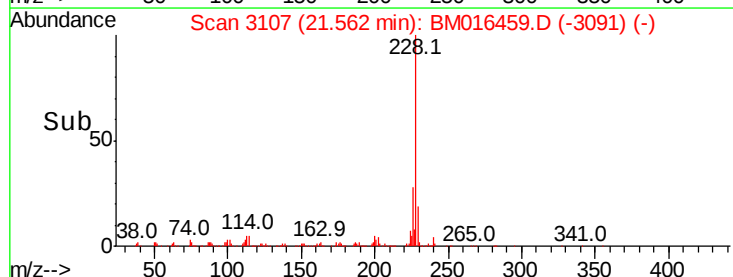
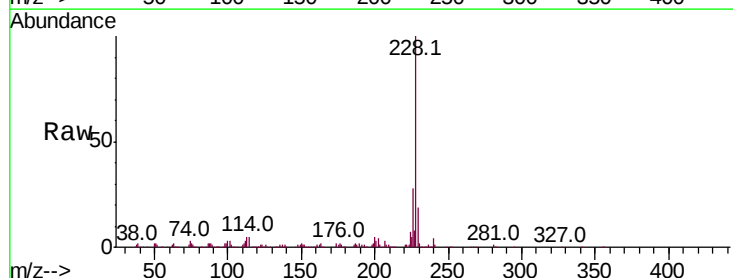
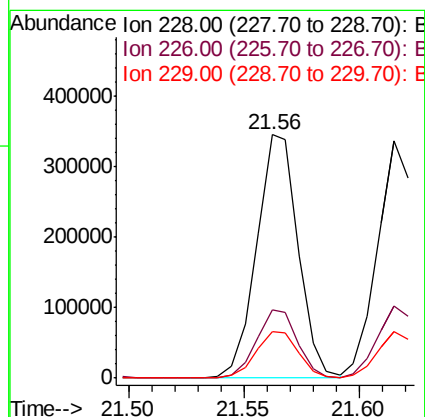
RT: 21.56 min Scan# 3107

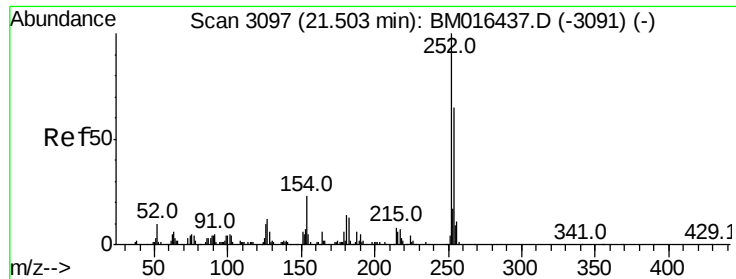
Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Tgt Ion:	228	Resp:	432147
Ion Ratio	Lower	Upper	
228	100		
226	28.0	21.7	32.5
229	19.3	16.0	24.0





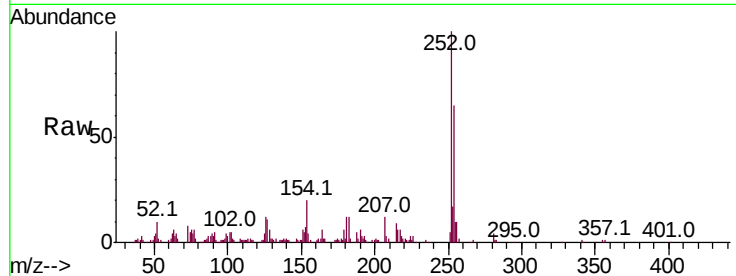
#81
 3,3'-Dichlorobenzidine
 Concen: 24.137 ng
 RT: 21.50 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

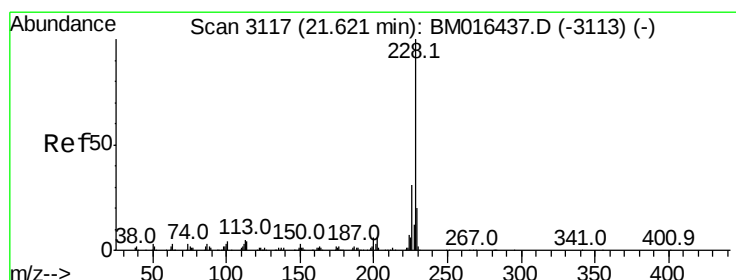
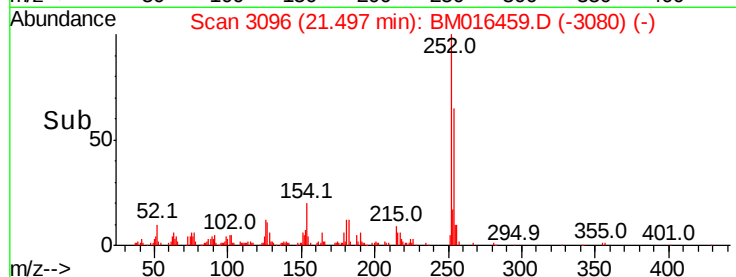
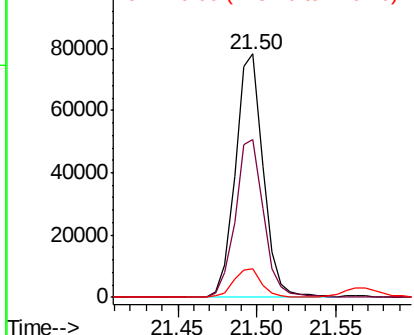
Tot Ion:	252	Resp:	95093
Ion Ratio	Lower	Upper	
252	100		
254	64.9	51.9	77.9
126	11.5	9.8	14.8

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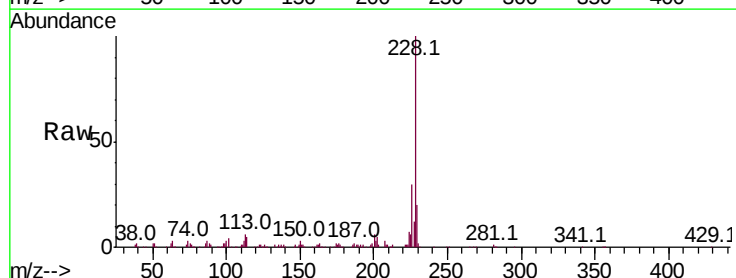


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

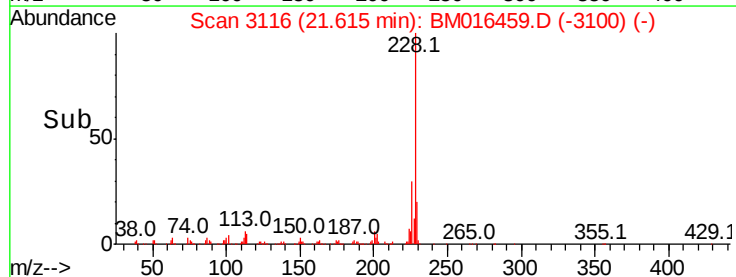
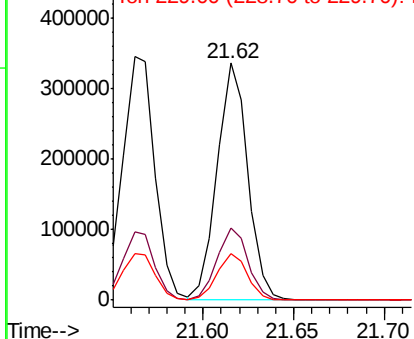


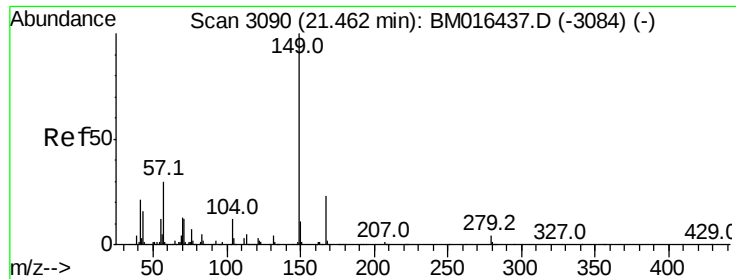
#82
 Chrysene
 Concen: 38.117 ng
 RT: 21.62 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Tgt Ion:	228	Resp:	396429
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.1	36.1
229	19.7	15.5	23.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.850 ng

RT: 21.46 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Instrument :

BNA_M

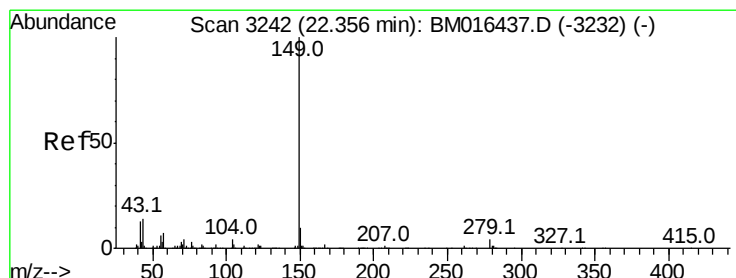
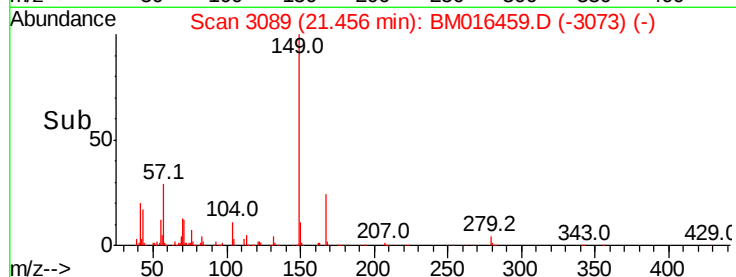
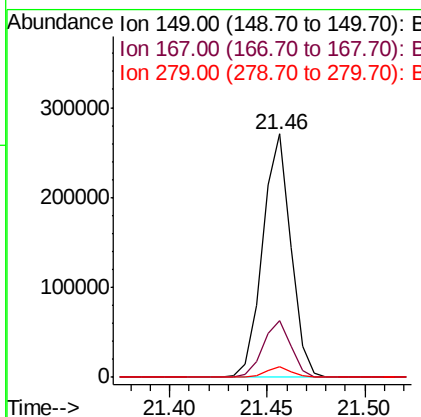
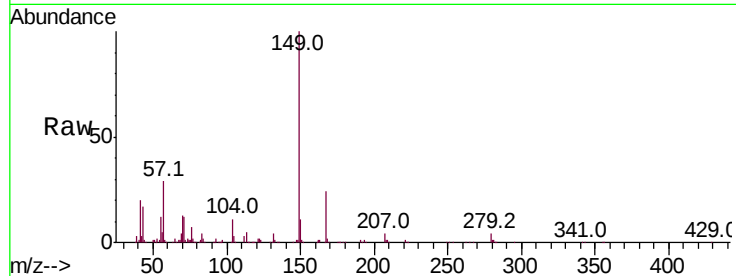
ClientSampleId :

PB112169BS

Tot Ion:	149	Resp:	270543
Ion Ratio	Lower	Upper	
149	100		
167	23.6	22.4	33.6
279	4.3	3.4	5.0

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#84

Di-n-octyl phthalate

Concen: 42.928 ng

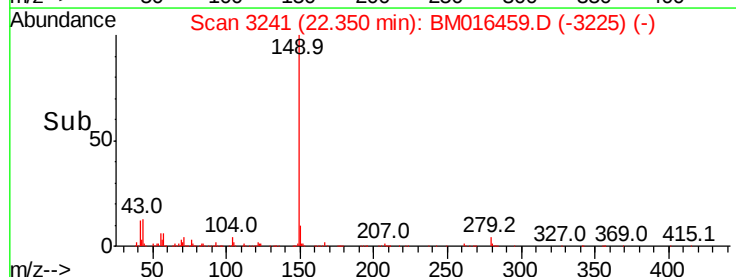
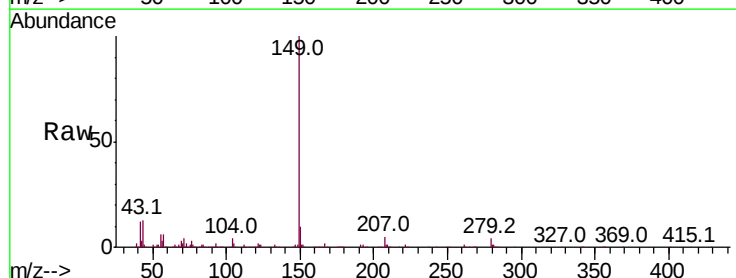
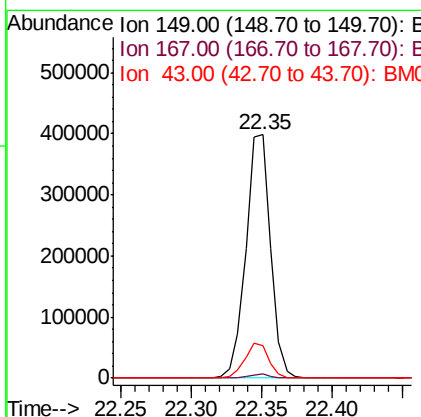
RT: 22.35 min Scan# 3241

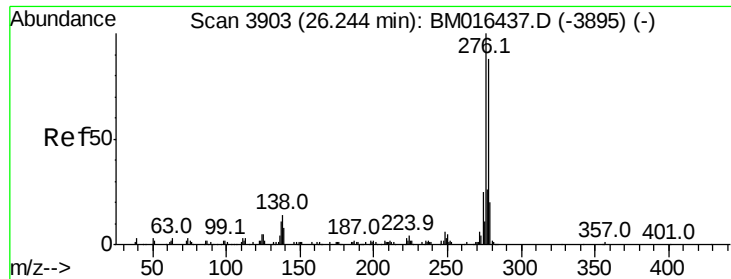
Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Tgt Ion:	149	Resp:	485915
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	14.3	7.3	10.9#





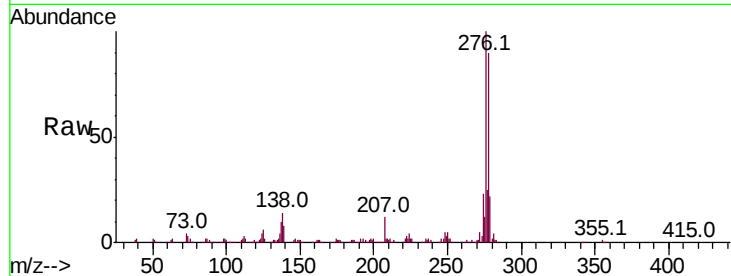
#85
Indeno(1,2,3-cd)pyrene
Concen: 60.187 ng
RT: 26.24 min Scan# 3902
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.8	12.0	18.0
277	25.2	20.0	30.0

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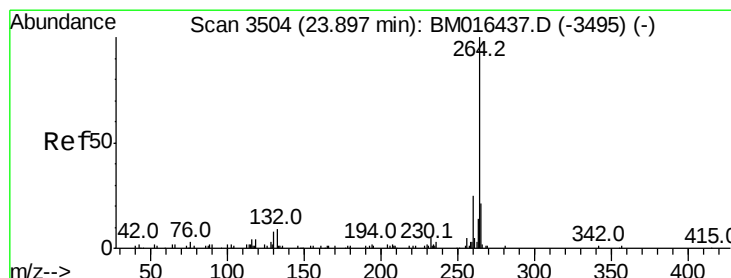
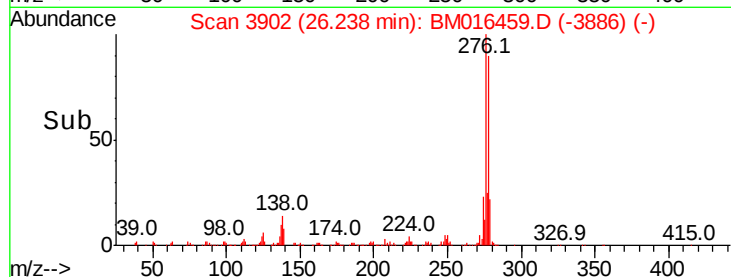
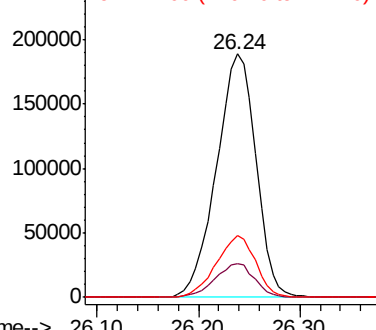


Abundance

Ion 276.00 (275.70 to 276.70): E

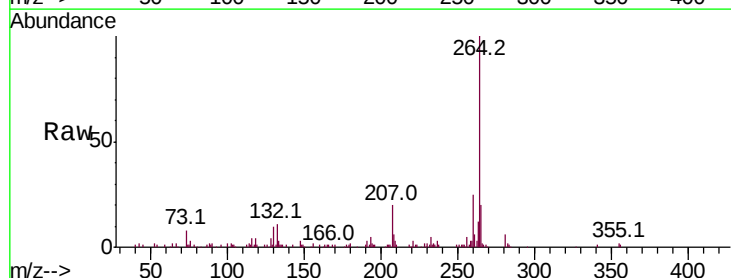
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.6	27.8
265	20.4	17.3	25.9

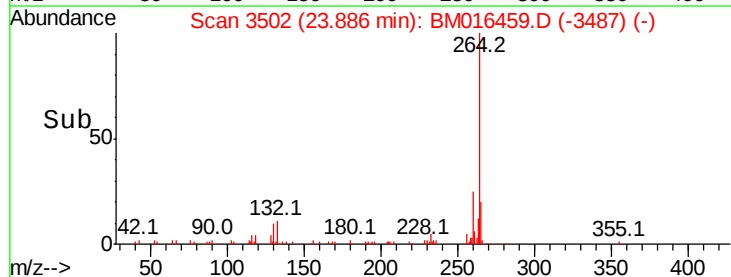
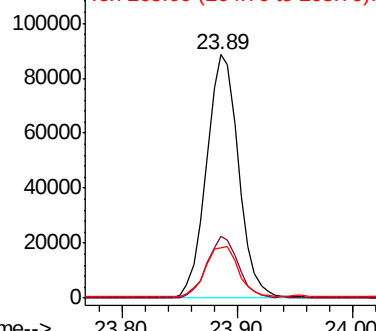


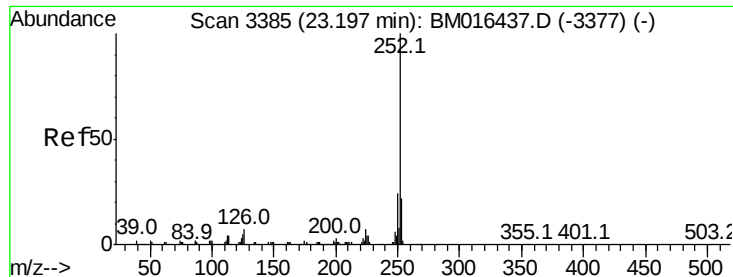
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 38.364 ng

RT: 23.19 min Scan# 3384

Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Instrument :

BNA_M

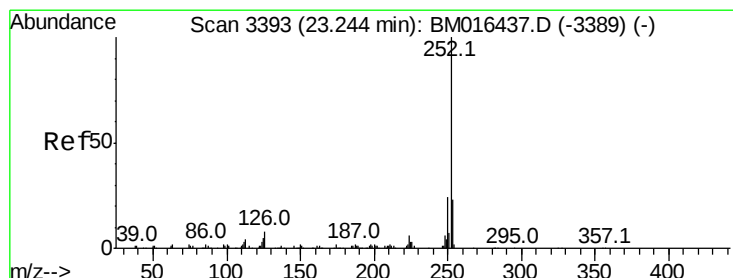
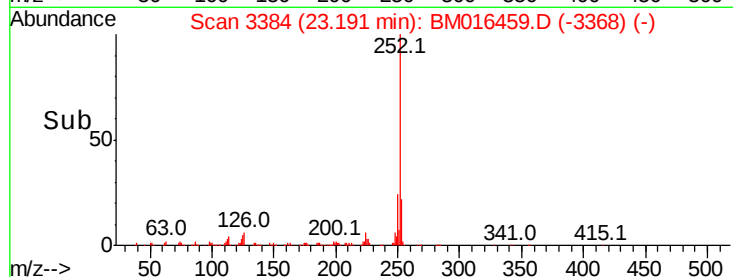
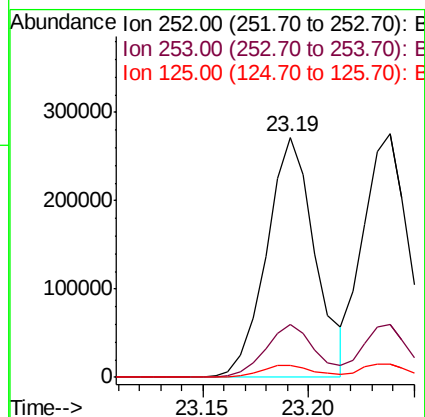
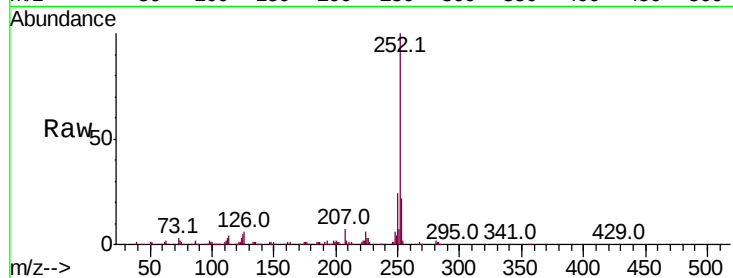
ClientSampleId :

PB112169BS

Tot Ion:	252	Resp:	434437
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	5.2	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 36.671 ng

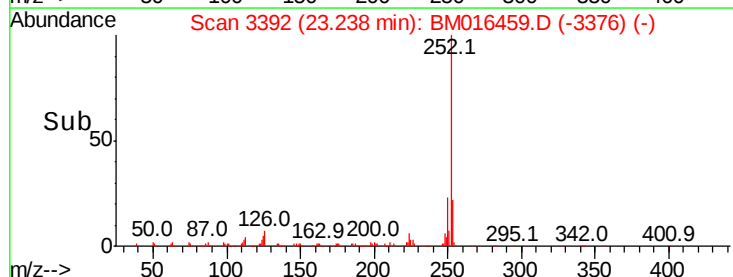
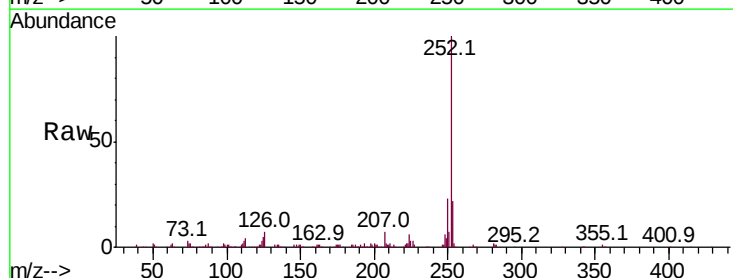
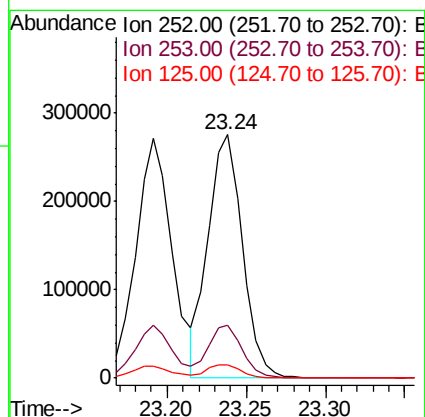
RT: 23.24 min Scan# 3392

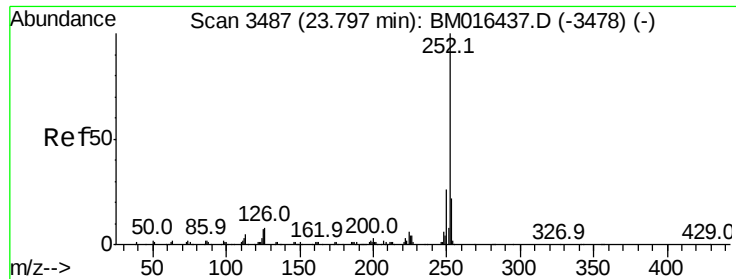
Delta R.T. -0.01 min

Lab File: BM016459.D

Acq: 18 Aug 2018 04:23

Tgt Ion:	252	Resp:	415000
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.2	25.8
125	5.4	8.1	12.1#





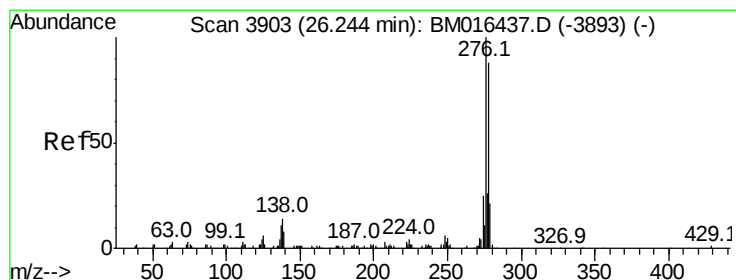
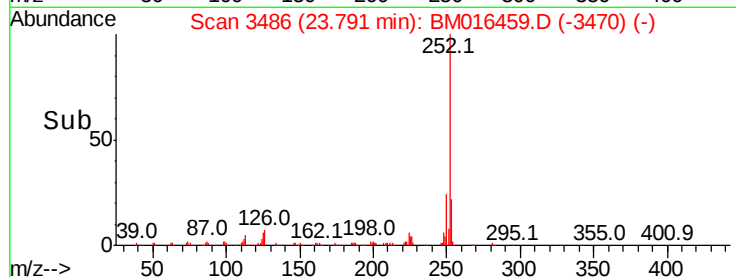
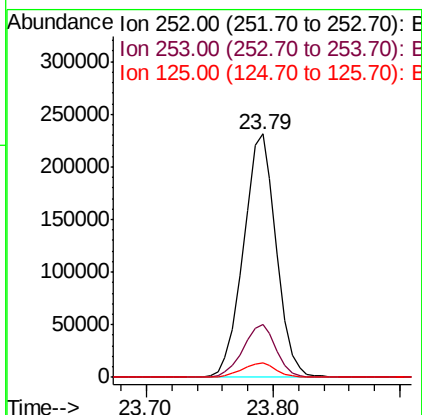
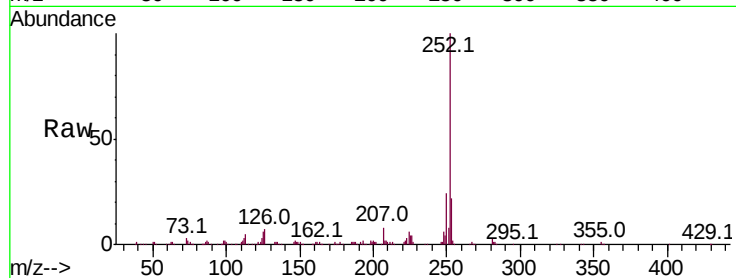
#89
Benzo(a)pyrene
Concen: 40.485 ng
RT: 23.79 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	5.8	7.4	11.2

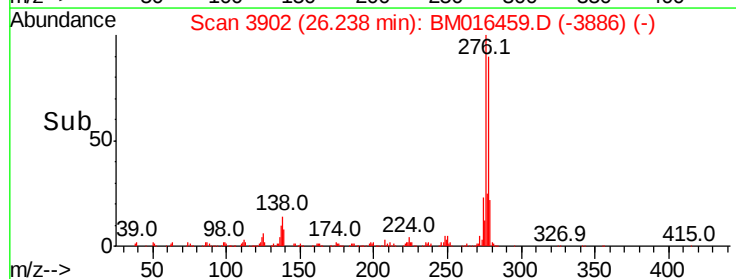
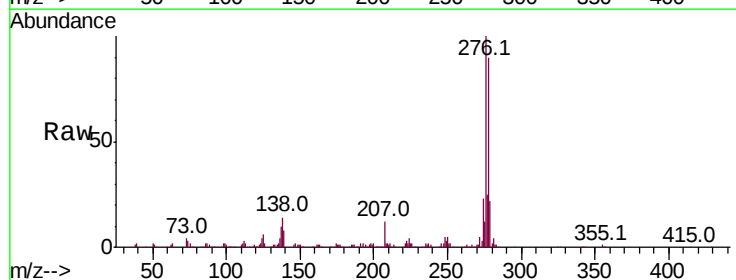
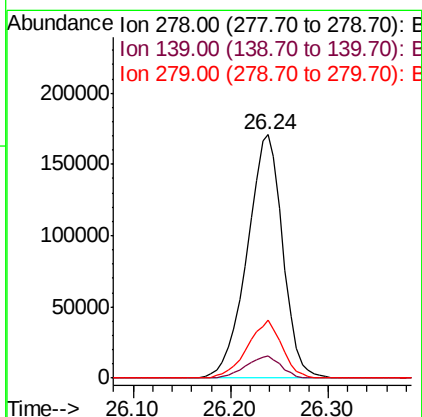
Manual Integrations
APPROVED

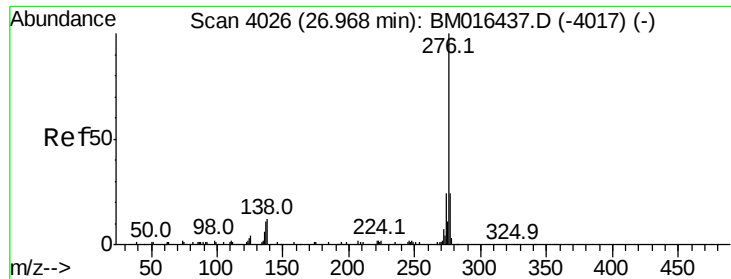
Sohil
8/20/2018 4:17:11 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.542 ng
RT: 26.24 min Scan# 3902
Delta R.T. -0.01 min
Lab File: BM016459.D
Acq: 18 Aug 2018 04:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.0	13.4	20.0
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 46.330 ng
 RT: 26.96 min Scan# 4025
 Delta R.T. -0.01 min
 Lab File: BM016459.D
 Acq: 18 Aug 2018 04:23

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	12.3	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:17:11 PM

