

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016194.D
 Acq On : 06 Aug 2018 16:53
 Operator : SJ/JU
 Sample : PB111777BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Manual Integrations
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 8/7/2018 6:56:17 PM

Quant Time: Aug 07 02:07:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	26974	20.00	ng	-0.06
21) Naphthalene-d8	10.99	136	108520	20.00	ng	-0.06
38) Acenaphthene-d10	14.80	164	58899	20.00	ng	-0.05
63) Phenanthrene-d10	17.54	188	123992	20.00	ng	-0.05
75) Chrysene-d12	21.66	240	132974	20.00	ng	-0.04
86) Perylene-d12	24.02	264	129759	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	233070	143.53	ng	-0.05
7) Phenol-d6	7.33	99	286094	134.91	ng	-0.05
23) Nitrobenzene-d5	9.36	82	212773	91.19	ng	-0.06
41) 2,4,6-Tribromophenol	16.29	330	95826	128.28	ng	-0.05
44) 2-Fluorobiphenyl	13.42	172	424038	87.60	ng	-0.06
78) Terphenyl-d14	20.12	244	659978	103.89	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	35174	46.232	ng	# 100
3) Pyridine	3.91	79	79023	43.115	ng	# 69
4) n-Nitrosodimethylamine	3.83	42	77449	54.177	ng	# 34
6) Aniline	7.50	93	85498	35.016	ng	# 89
8) 2-Chlorophenol	7.73	128	88816	46.020	ng	95
9) Benzaldehyde	7.32	77	44886	30.126	ng	87
10) Phenol	7.36	94	99497	46.921	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	70860	42.300	ng	86
12) 1,3-Dichlorobenzene	8.05	146	96162	42.568	ng	# 88
13) 1,4-Dichlorobenzene	8.20	146	98221	42.871	ng	# 93
14) 1,2-Dichlorobenzene	8.52	146	95612	42.650	ng	# 95
15) Benzyl Alcohol	8.43	79	72894	43.169	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.69	45	103884	40.519	ng	96
17) 2-Methylphenol	8.62	107	69375	47.866	ng	# 79
18) Hexachloroethane	9.25	117	45629	46.073	ng	94
19) n-Nitroso-di-n-propylamine	8.99	70	65623	42.337	ng	# 75
20) 3+4-Methylphenols	8.96	107	89475	42.908	ng	84
22) Acetophenone	9.02	105	129696	47.464	ng	# 82
24) Nitrobenzene	9.40	77	108905	46.371	ng	95
25) Isophorone	9.92	82	167845	52.592	ng	# 92
26) 2-Nitrophenol	10.11	139	44523	45.414	ng	# 43
27) 2,4-Dimethylphenol	10.16	122	73710	53.966	ng	# 74
28) bis(2-Chloroethoxy)methane	10.40	93	96748	46.641	ng	98
29) 2,4-Dichlorophenol	10.65	162	77990	48.051	ng	99
30) 1,2,4-Trichlorobenzene	10.85	180	85479	43.345	ng	95
31) Naphthalene	11.04	128	261358	47.586	ng	98
32) Benzoic acid	10.33	122	52232	50.165	ng	90
33) 4-Chloroaniline	11.16	127	67841	30.269	ng	# 85
34) Hexachlorobutadiene	11.30	225	60677	44.358	ng	97
35) Caprolactam	11.97	113	20392m	45.362	ng	
36) 4-Chloro-3-methylphenol	12.27	107	85127	47.686	ng	84
37) 2-Methylnaphthalene	12.64	142	188763	51.306	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	91770	45.766	ng	# 100
40) Hexachlorocyclopentadiene	12.96	237	95284	95.195	ng	98

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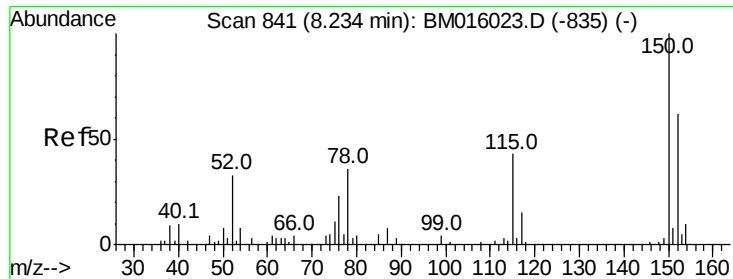
Manual Integrations
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 8/7/2018 6:56:17 PM

Quant Time: Aug 07 02:07:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	57757	46.037	nq	98
43) 2,4,5-Trichlorophenol	13.33	196	61517	47.538	nq #	80
45) 1,1'-Biphenyl	13.64	154	232699	43.778	nq	97
46) 2-Chloronaphthalene	13.69	162	179575	43.436	nq #	87
47) 2-Nitroaniline	13.91	65	63071	46.144	nq #	81
48) Acenaphthylene	14.53	152	295676	48.854	nq	99
49) Dimethylphthalate	14.26	163	236596	45.900	nq	100
50) 2,6-Dinitrotoluene	14.40	165	47192	45.503	nq #	51
51) Acenaphthene	14.87	154	168993	45.401	nq	97
52) 3-Nitroaniline	14.73	138	35831	31.986	nq #	71
53) 2,4-Dinitrophenol	14.95	184	44937	99.307	nq #	63
54) Dibenzofuran	15.20	168	275446	44.906	nq #	78
55) 4-Nitrophenol	15.04	139	72209	89.920	nq #	91
56) 2,4-Dinitrotoluene	15.19	165	69425	46.816	nq #	78
57) Fluorene	15.84	166	219045	48.056	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.43	232	52613	47.301	nq #	100
59) Diethylphthalate	15.60	149	257774	46.397	nq #	93
60) 4-Chlorophenyl-phenylether	15.83	204	108659	42.822	nq #	80
61) 4-Nitroaniline	15.89	138	43069	40.072	nq #	1
62) Azobenzene	16.13	77	291015	49.736	nq #	74
64) 4,6-Dinitro-2-methylphenol	15.95	198	32563	43.268	nq #	79
65) n-Nitrosodiphenylamine	16.05	169	185299	45.385	nq	98
66) 4-Bromophenyl-phenylether	16.72	248	62192	44.296	nq #	69
67) Hexachlorobenzene	16.84	284	65778	42.543	nq #	65
68) Atrazine	16.99	200	68879	47.070	nq	95
69) Pentachlorophenol	17.19	266	70681	73.824	nq	96
70) Phenanthrene	17.58	178	326518	47.036	nq	97
71) Anthracene	17.67	178	331424	49.124	nq	98
72) Carbazole	17.94	167	302933	43.342	nq #	95
73) Di-n-butylphthalate	18.47	149	426336	48.951	nq #	96
74) Fluoranthene	19.57	202	372647	48.124	nq	99
76) Benzidine	19.75	184	228887	61.597	nq	98
77) Pyrene	19.93	202	380085	47.697	nq	98
79) Butylbenzylphthalate	20.79	149	205002	50.641	nq #	76
80) Benzo(a)anthracene	21.65	228	392456	47.919	nq	99
81) 3,3'-Dichlorobenzidine	21.57	252	96742	29.326	nq	97
82) Chrysene	21.70	228	368055	46.848	nq	100
83) Bis(2-ethylhexyl)phthalate	21.54	149	292552	49.865	nq	93
84) Di-n-octyl phthalate	22.44	149	498258	50.532	nq #	88
85) Indeno(1,2,3-cd)pyrene	26.41	276	426762	45.776	nq #	95
87) Benzo(b)fluoranthene	23.30	252	383905	50.250	nq #	96
88) Benzo(k)fluoranthene	23.35	252	366541m	47.340	nq	
89) Benzo(a)pyrene	23.92	252	366687	49.926	nq	99
90) Dibenzo(a,h)anthracene	26.41	278	365710	48.060	nq	96
91) Benzo(g,h,i)perylene	27.16	276	344488	47.865	nq #	94

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



#1

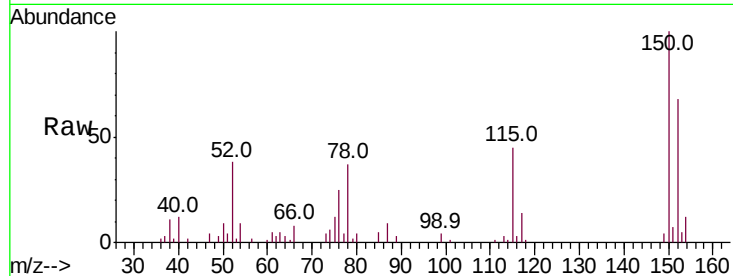
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB111777BS

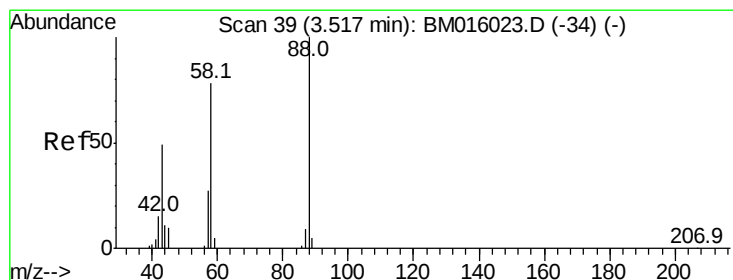
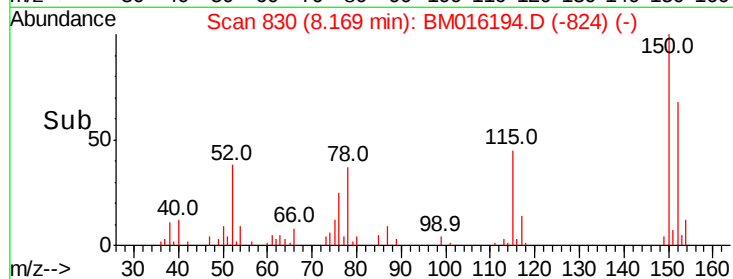
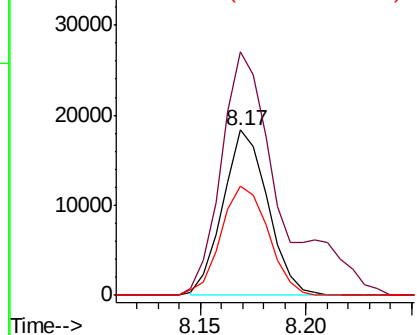
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	119.5	179.3
115	65.8	43.0	64.4

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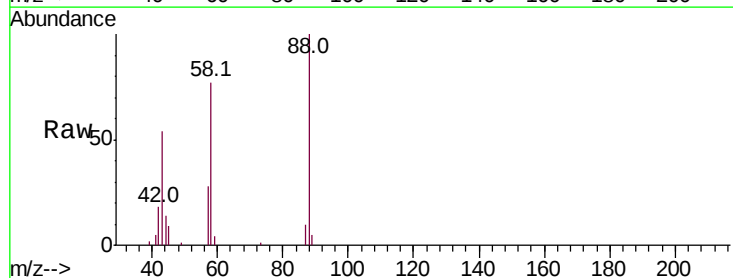
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



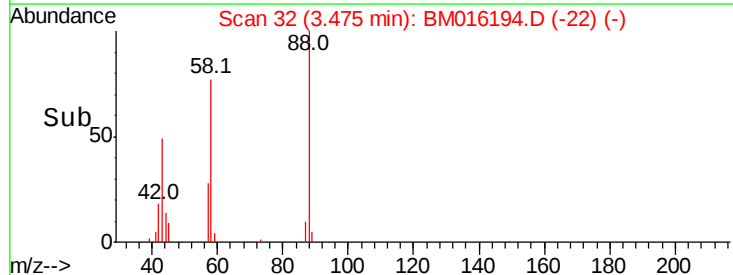
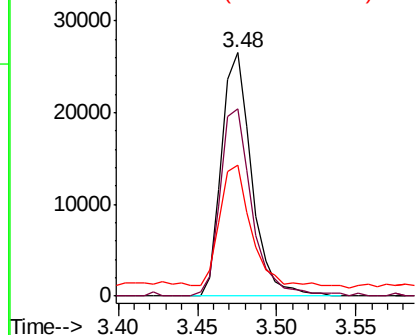
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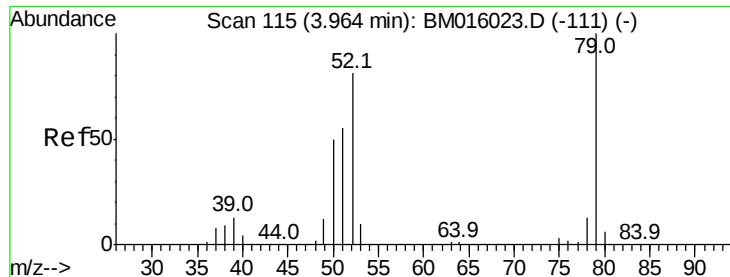
1,4-Dioxane
Concen: 46.232 ng
RT: 3.48 min Scan# 32
Delta R.T. -0.04 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	0.0	0.0
43	53.7	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





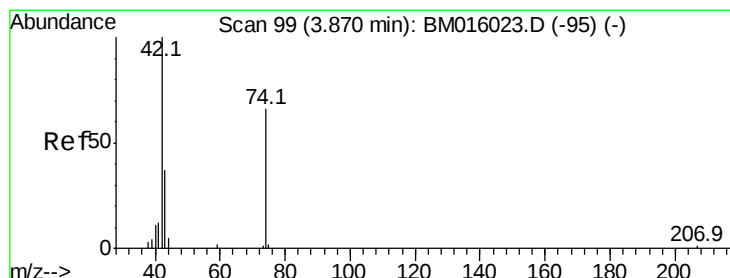
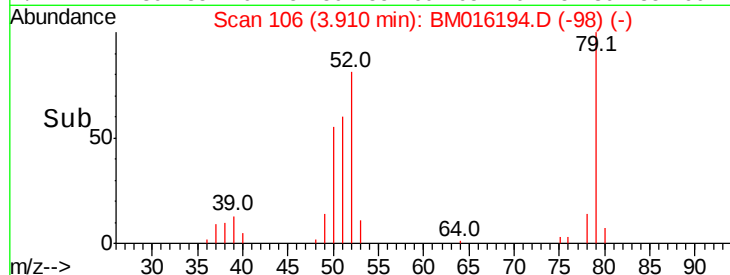
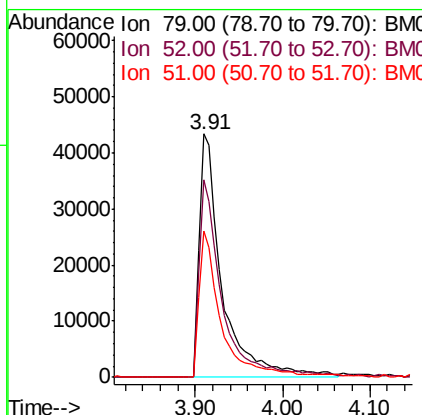
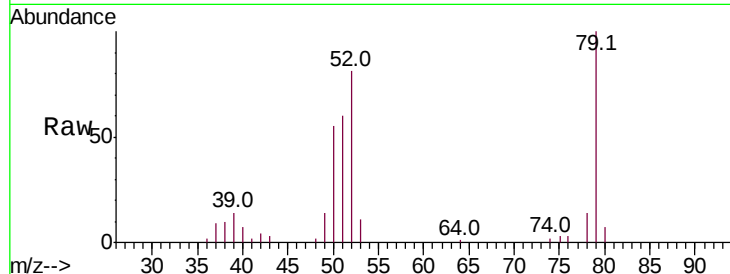
#3
 Pvridine
 Concen: 43.115 ng
 RT: 3.91 min Scan# 106
 Delta R.T. -0.05 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.1	51.1	76.7#
51	60.1	26.1	39.1#

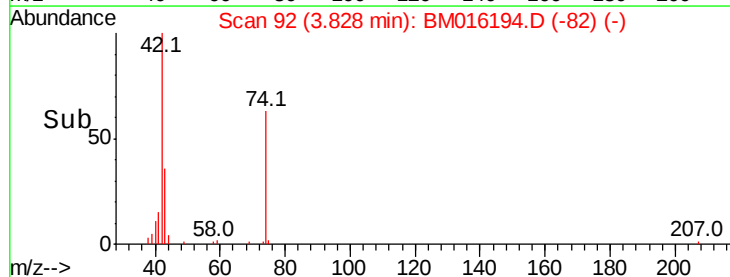
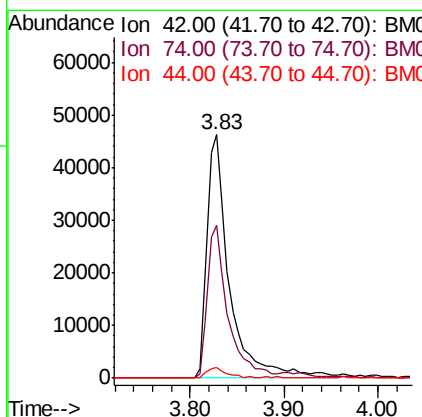
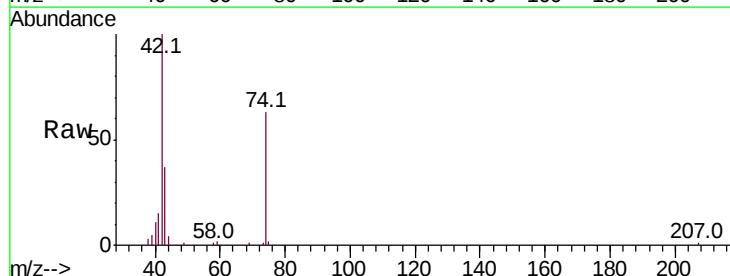
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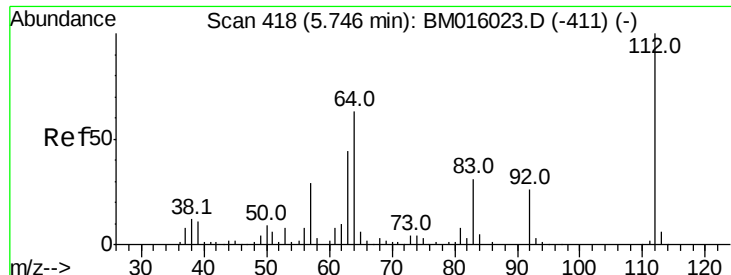
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#4
 n-Nitrosodimethylamine
 Concen: 54.177 ng
 RT: 3.83 min Scan# 92
 Delta R.T. -0.04 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	62.8	119.3	178.9#
44	4.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 54.177 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.05 min

Lab File: BM016194.D

Acq: 06 Aug 2018 16:53

Instrument :

BNA_M

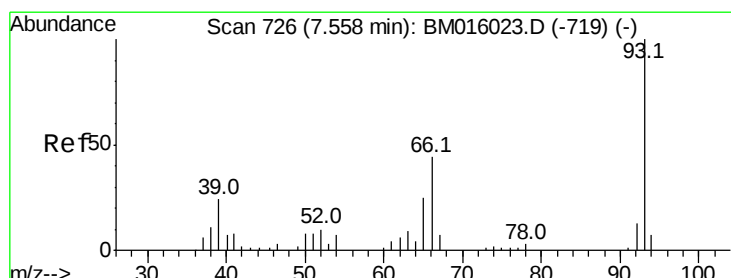
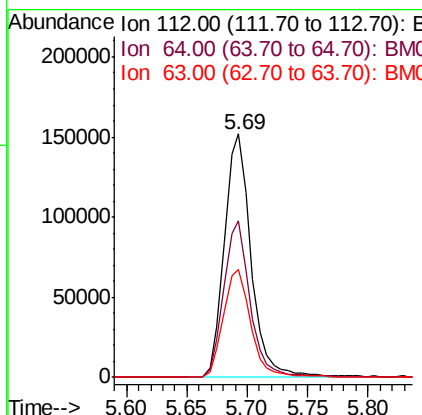
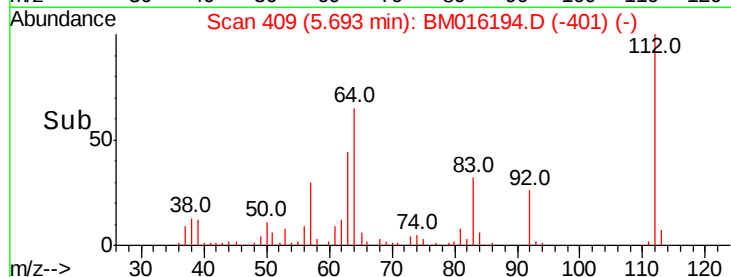
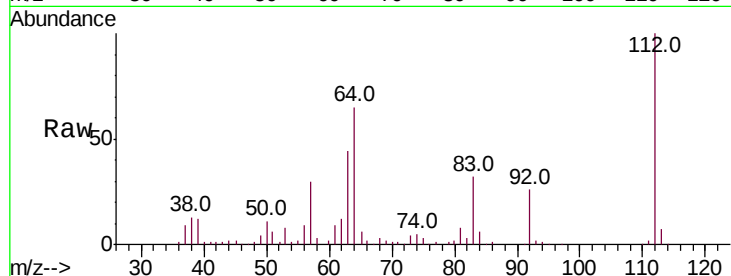
ClientSampleId :

PB111777BS

Tot Ion:	112	Resp:	233070
Ion Ratio	Lower	Upper	
112	100		
64	64.5	38.6	57.8#
63	44.4	19.3	28.9#

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#6

Aniline

Concen: 35.016 ng

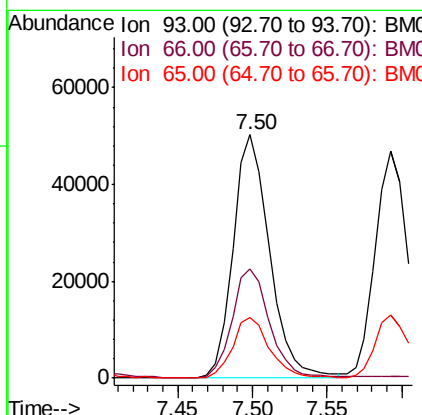
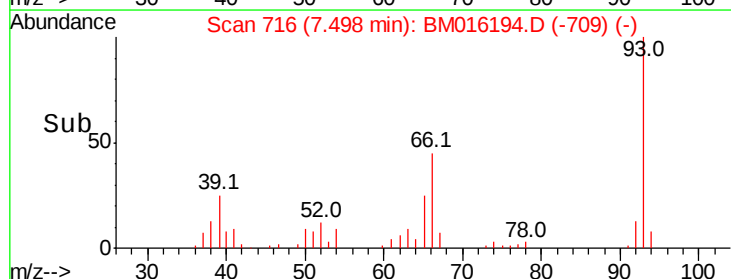
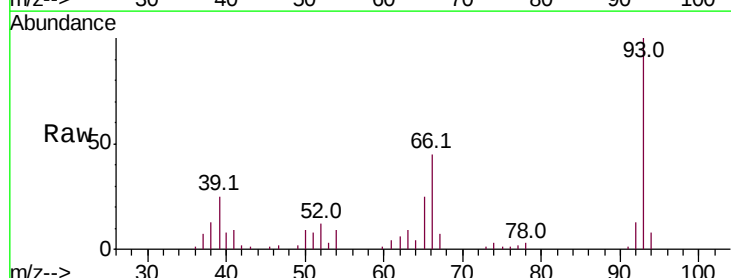
RT: 7.50 min Scan# 716

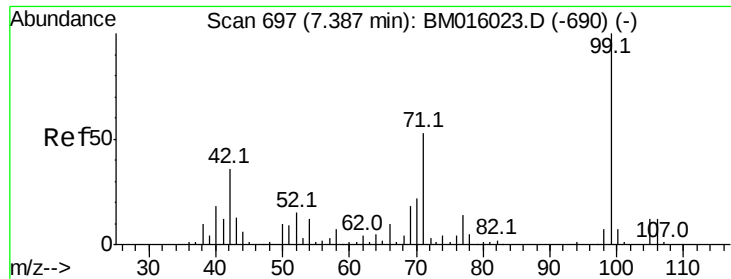
Delta R.T. -0.06 min

Lab File: BM016194.D

Acq: 06 Aug 2018 16:53

Tgt Ion:	93	Resp:	85498
Ion Ratio	Lower	Upper	
93	100		
66	45.0	30.8	46.2
65	24.9	16.0	24.0#





#7

Phenol-d6

Concen: 35.016 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.05 min

Lab File: BM016194.D

Acq: 06 Aug 2018 16:53

Instrument :

BNA_M

ClientSampled :

PB111777BS

Tot Ion: 99 Resp: 286094

Ion Ratio Lower Upper

99 100

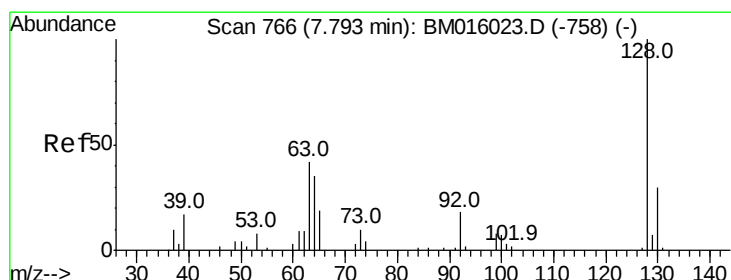
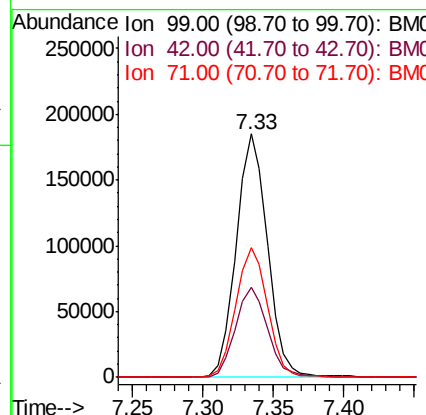
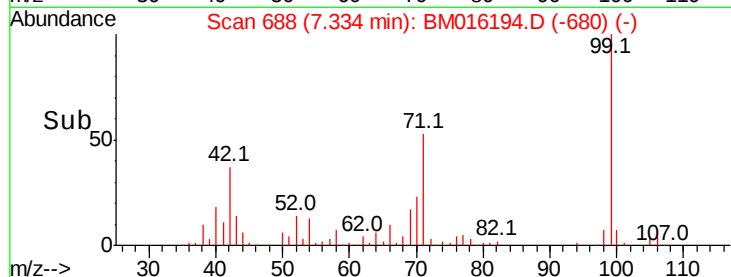
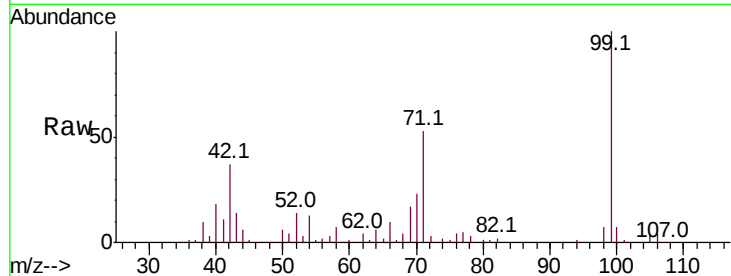
42 36.8 11.0 16.4#

71 53.1 23.4 35.2#

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#8

2-Chlorophenol

Concen: 46.020 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.06 min

Lab File: BM016194.D

Acq: 06 Aug 2018 16:53

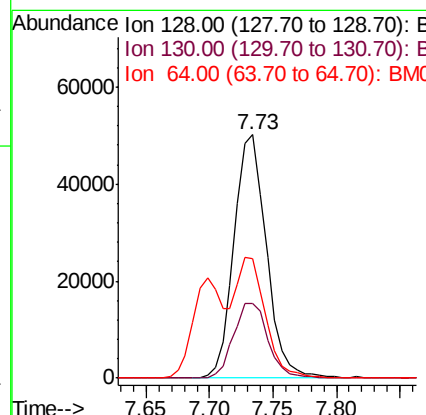
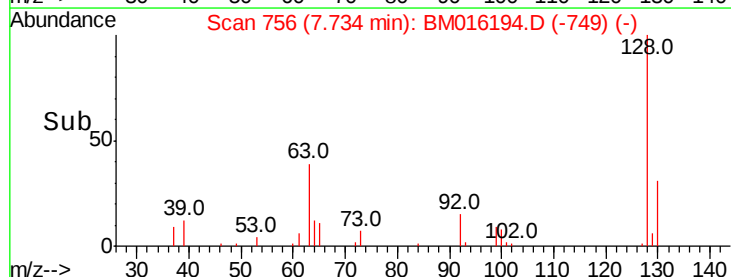
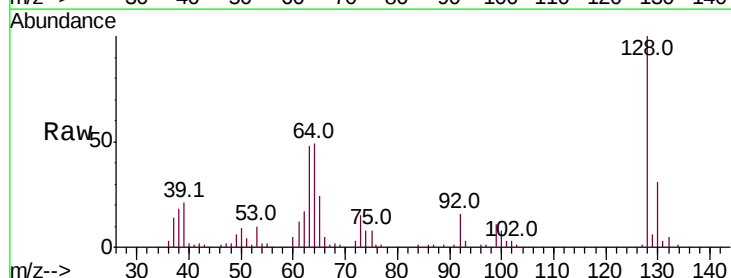
Tgt Ion: 128 Resp: 88816

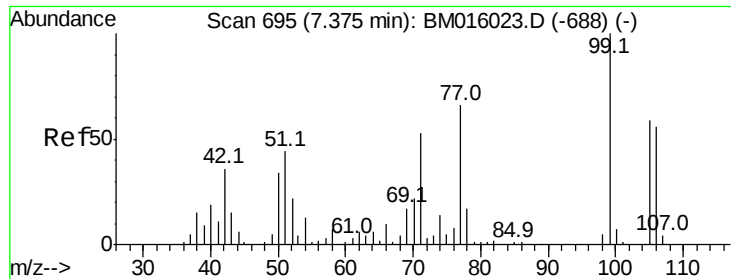
Ion Ratio Lower Upper

128 100

130 30.5 12.0 52.0

64 49.1 24.9 64.9





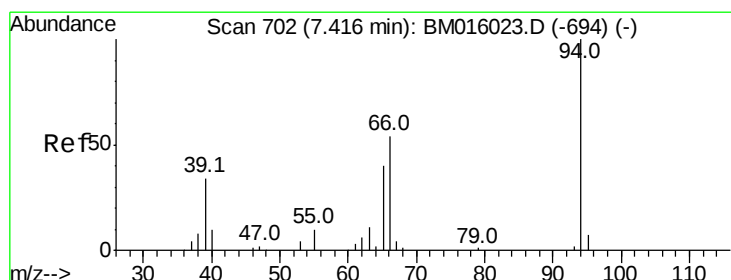
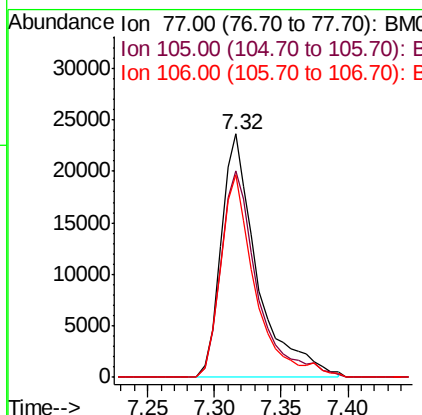
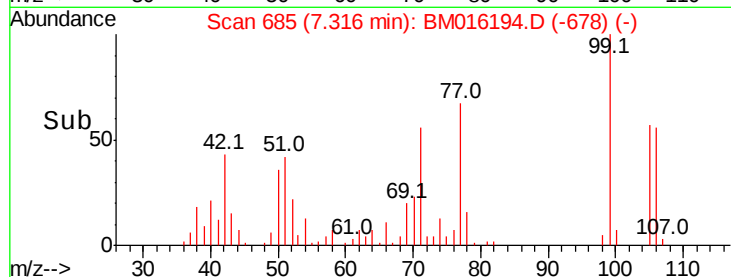
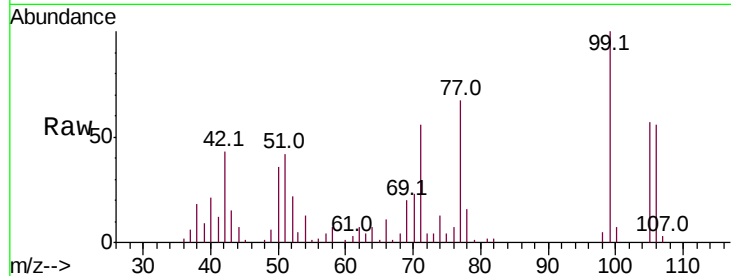
#9
Benzaldehyde
Concen: 30.126 ng
RT: 7.32 min Scan# 685
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB111777BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	84.8	78.8	118.8
106	83.2	73.7	113.7

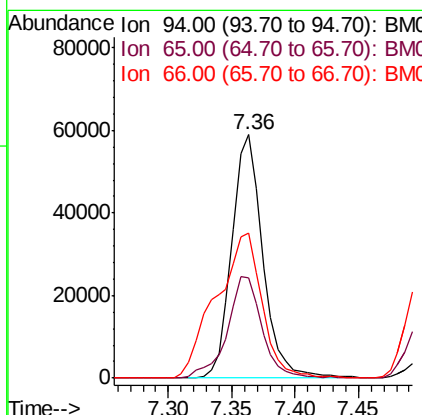
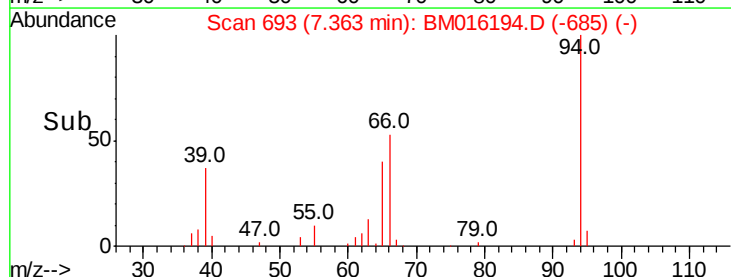
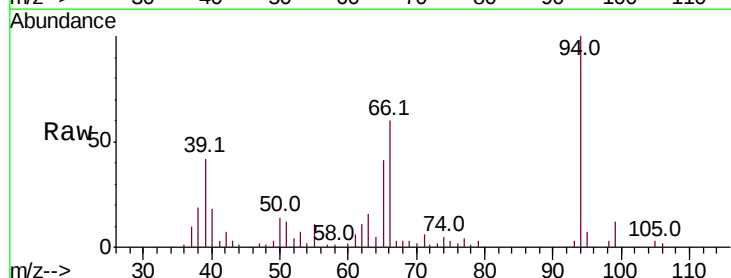
Manual Integrations
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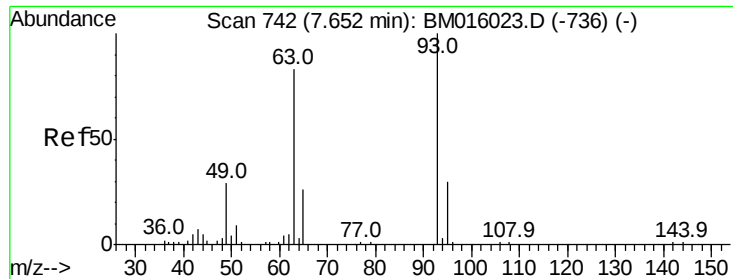
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#10
Phenol
Concen: 46.921 ng
RT: 7.36 min Scan# 693
Delta R.T. -0.05 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.1	18.8	58.8
66	59.6	39.9	79.9





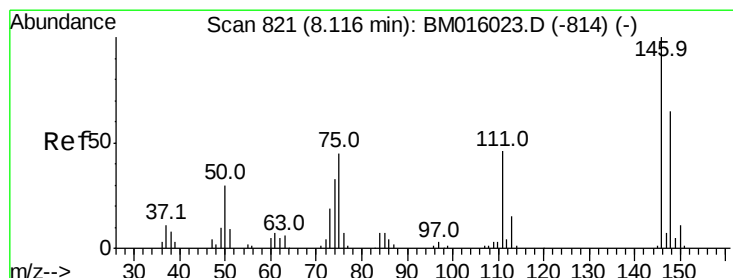
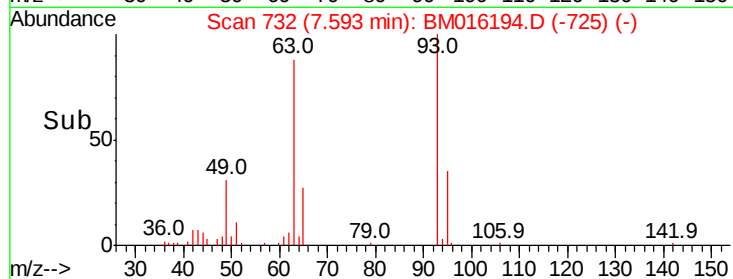
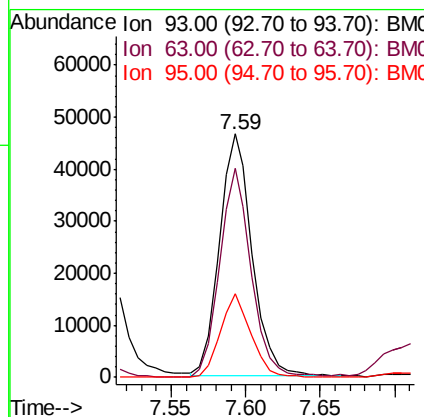
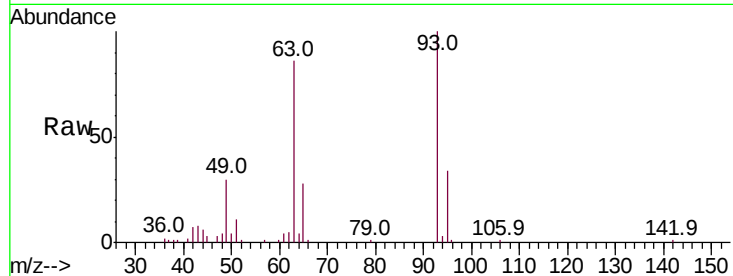
#11
bis(2-Chloroethyl)ether
Concen: 42.300 ng
RT: 7.59 min Scan# 732
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB111777BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.9	49.5	89.5
95	34.2	13.5	53.5

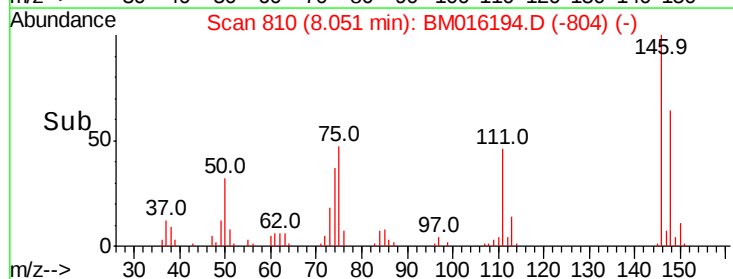
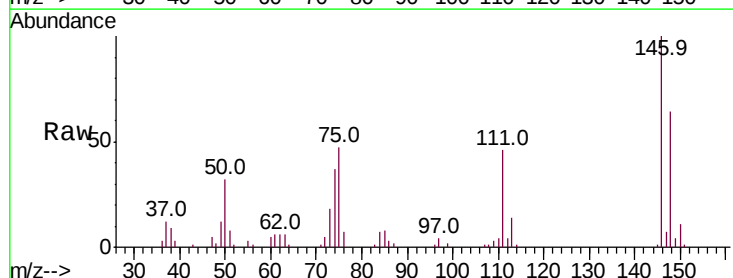
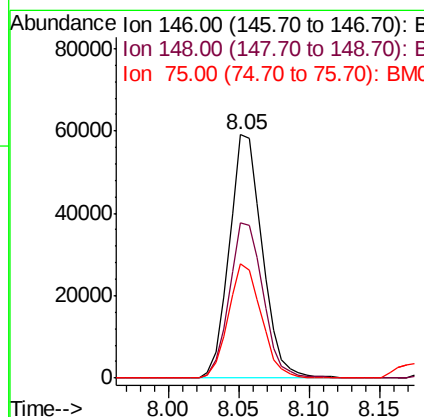
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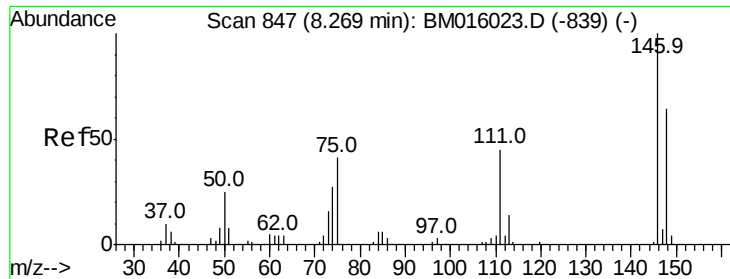
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.568 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.9	76.3
75	46.8	21.4	32.2





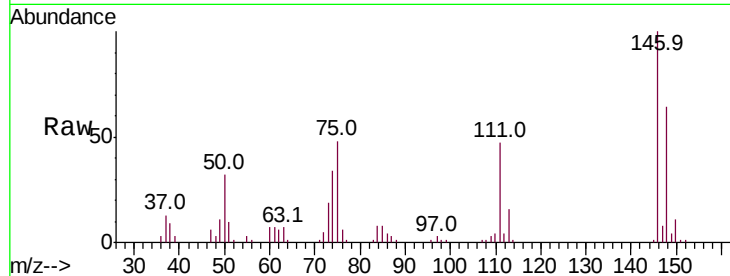
#13
 1,4-Dichlorobenzene
 Concen: 42.871 ng
 RT: 8.20 min Scan# 836
 Delta R.T. -0.06 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	46.7	29.2	43.8#

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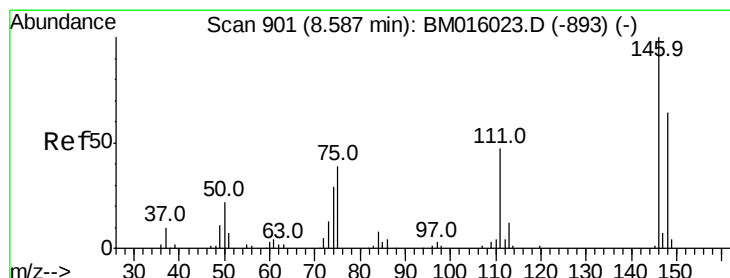
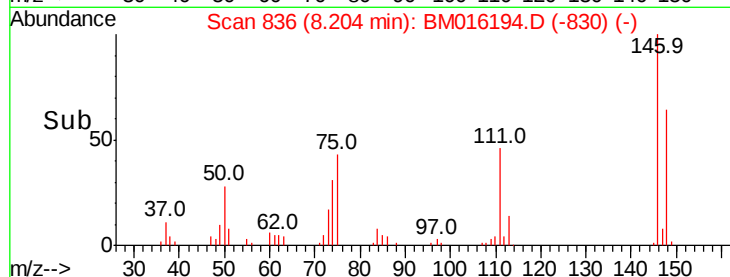
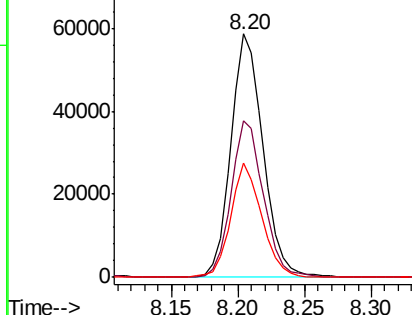


Abundance

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: 42.650 ng
 RT: 8.52 min Scan# 890
 Delta R.T. -0.06 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

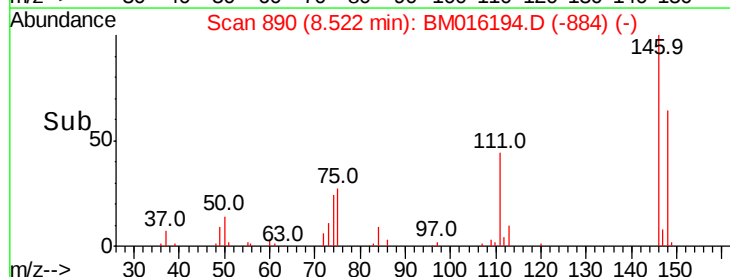
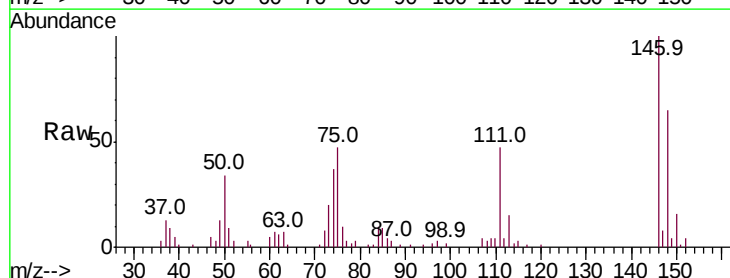
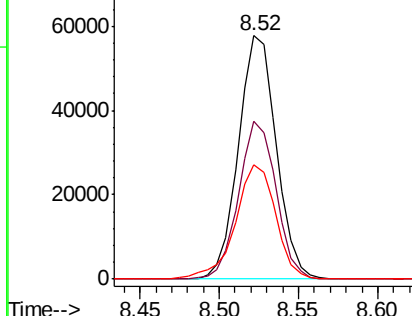
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.3	78.5
111	46.8	30.6	45.8#

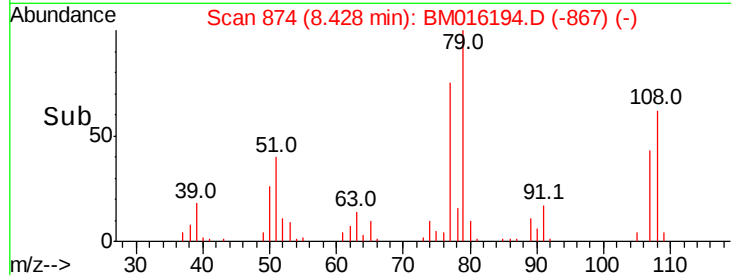
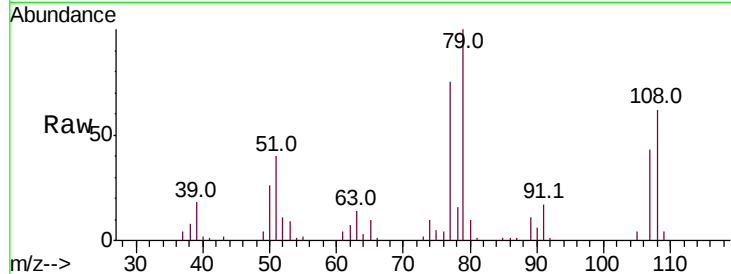
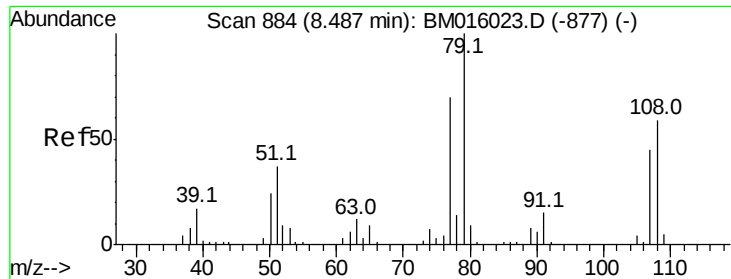
Abundance

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





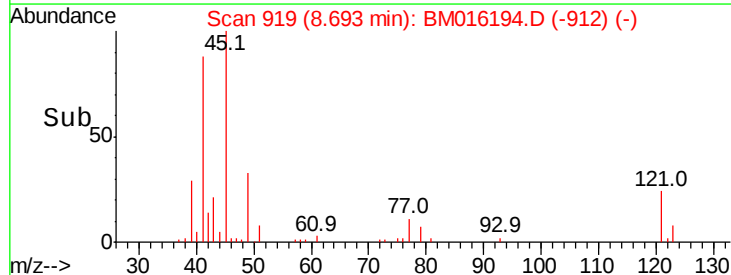
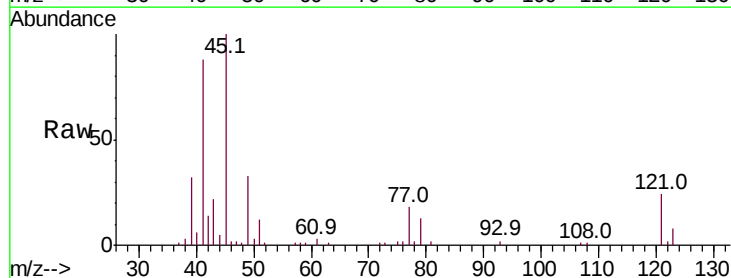
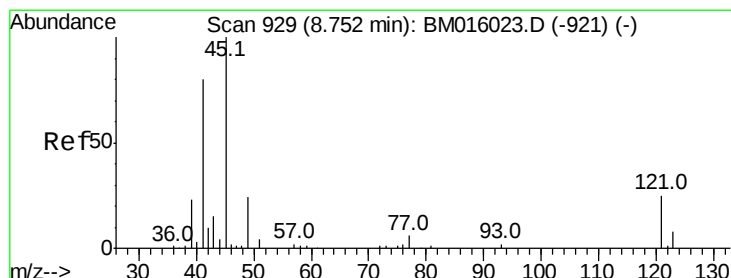
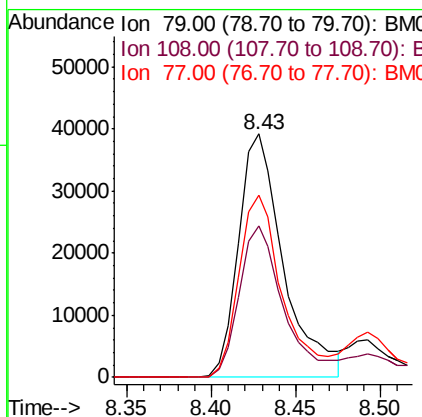
#15
Benzyl Alcohol
Concen: 43.169 ng
RT: 8.43 min Scan# 874
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tot Ion: 79 Resp: 72894
Ion Ratio Lower Upper
79 100
108 62.4 65.0 97.4#
77 74.6 53.0 79.6

Instrument :
BNA_M
ClientSampleID :
PB111777BS

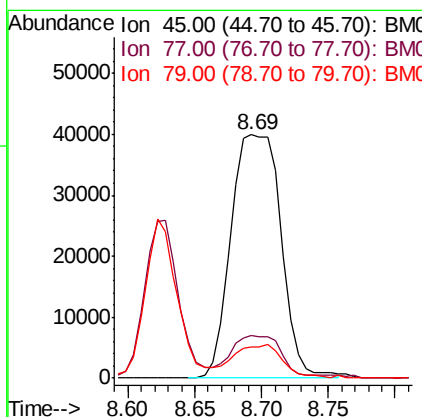
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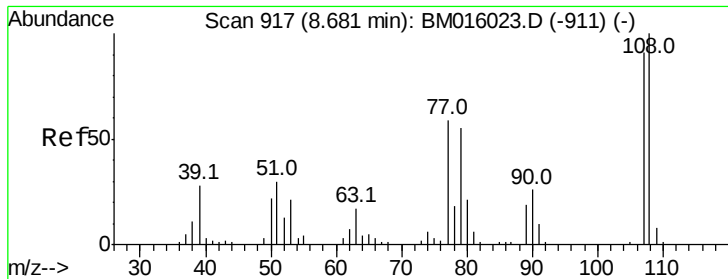
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.519 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion: 45 Resp: 103884
Ion Ratio Lower Upper
45 100
77 17.7 0.0 35.2
79 12.7 0.0 32.0





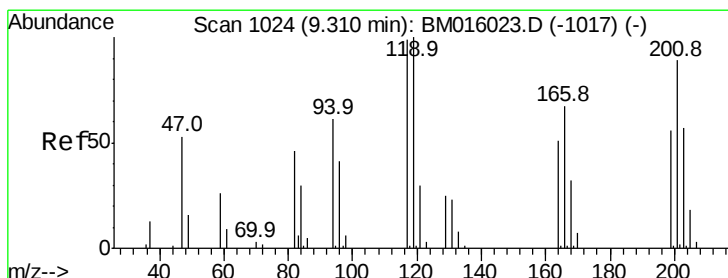
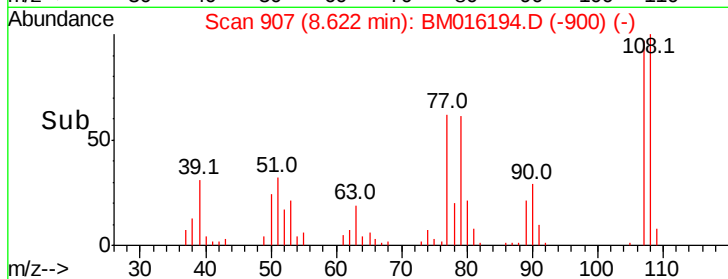
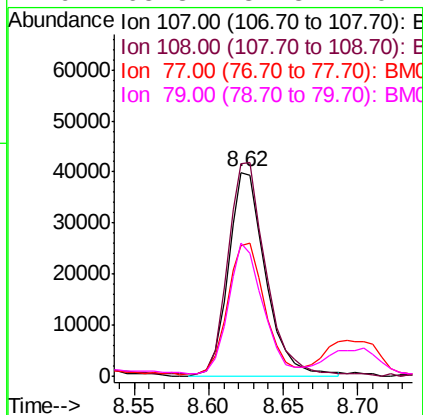
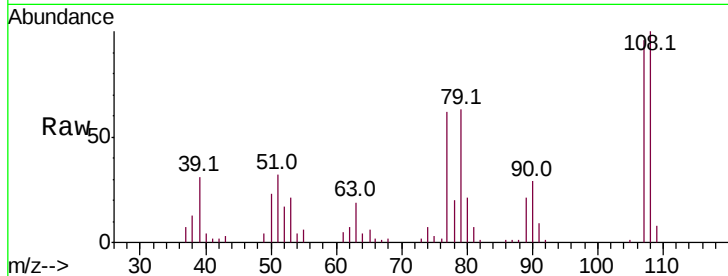
#17
2-Methylphenol
Concen: 47.866 ng
RT: 8.62 min Scan# 907
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB111777BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	104.3	89.8	134.8
77	64.4	32.6	48.8
79	65.3	32.8	49.2

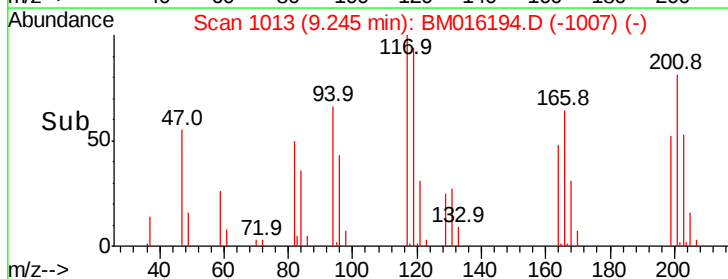
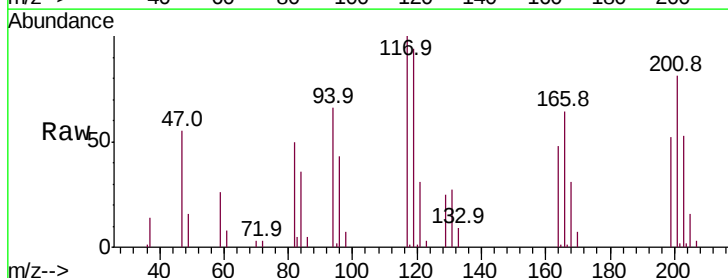
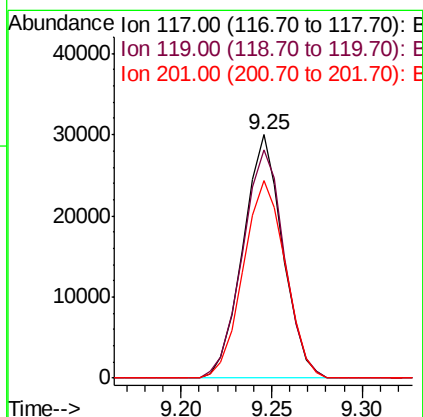
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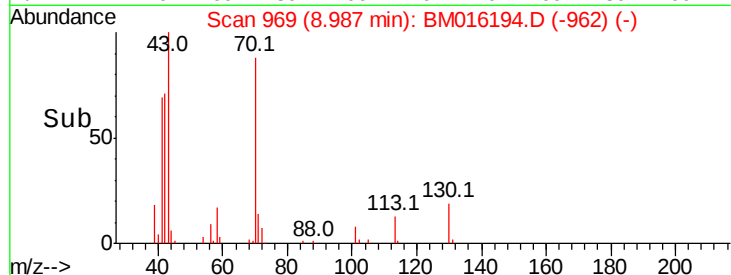
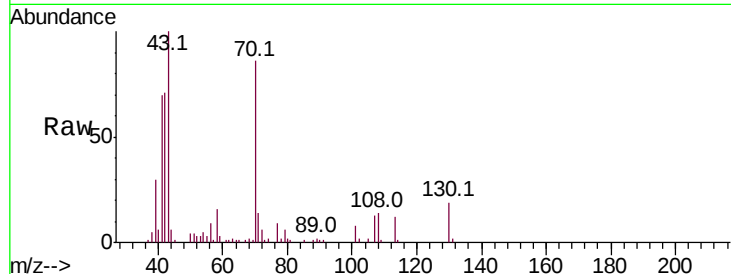
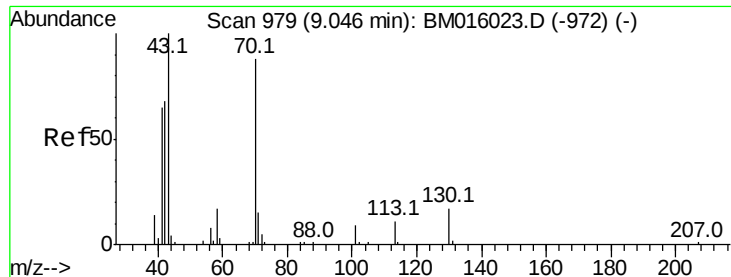
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#18
Hexachloroethane
Concen: 46.073 ng
RT: 9.25 min Scan# 1013
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	79.2	118.8
201	81.4	69.8	104.6





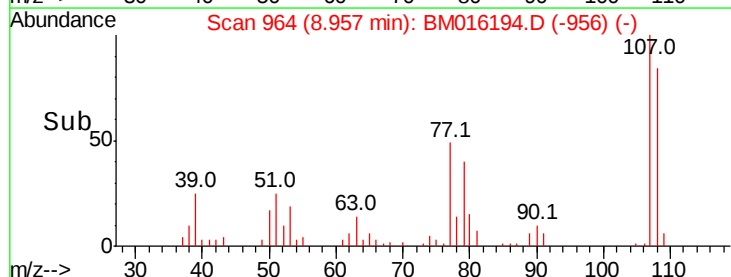
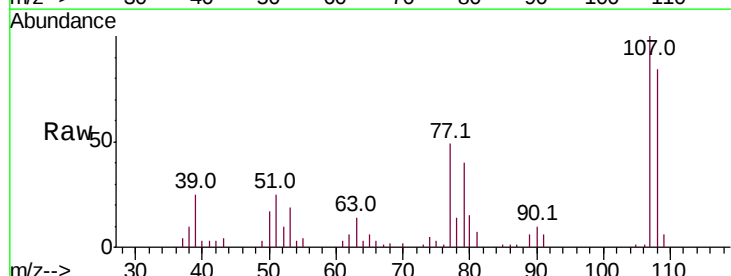
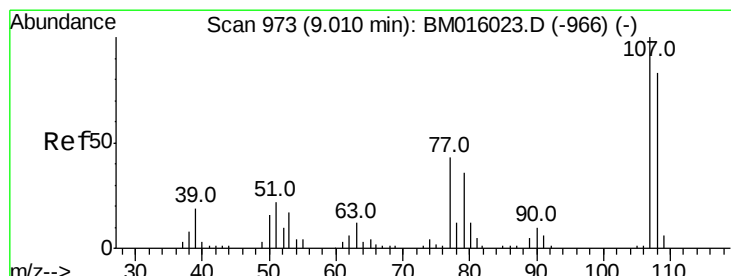
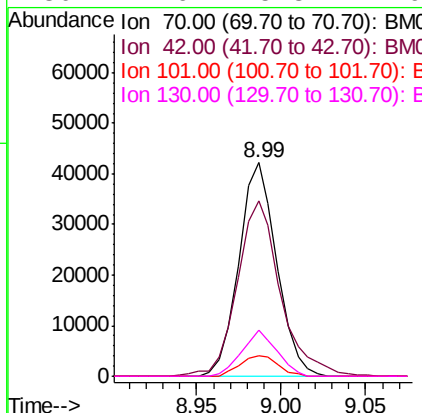
#19
n-Nitroso-di-n-propylamine
Concen: 42.337 ng
RT: 8.99 min Scan# 969
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB111777BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	82.0	44.5	66.7#	
101	9.6	7.4	11.2	
130	21.6	15.3	22.9	

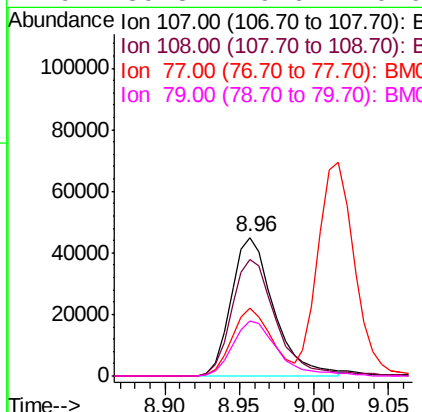
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#20
3+4-Methylphenols
Concen: 42.908 ng
RT: 8.96 min Scan# 964
Delta R.T. -0.05 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.3	73.2	113.2	
77	49.4	10.7	50.7	
79	39.8	9.6	49.6	





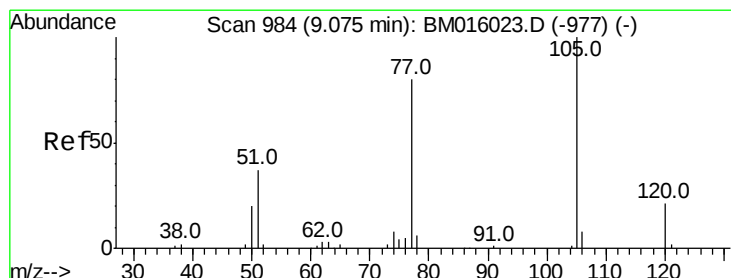
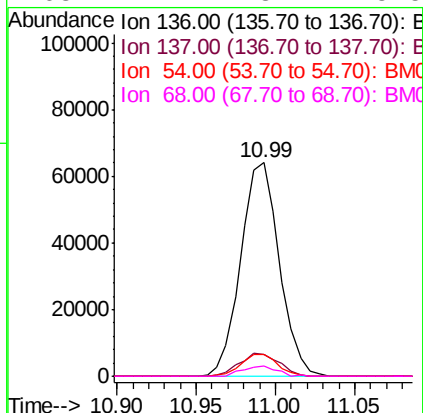
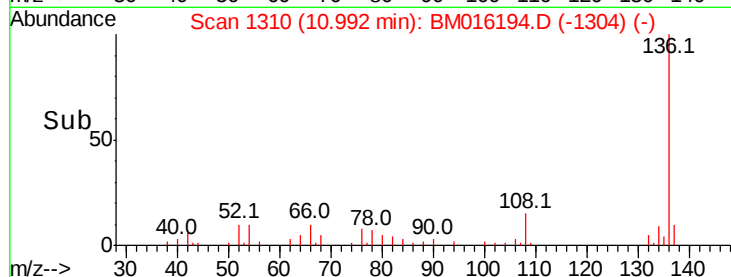
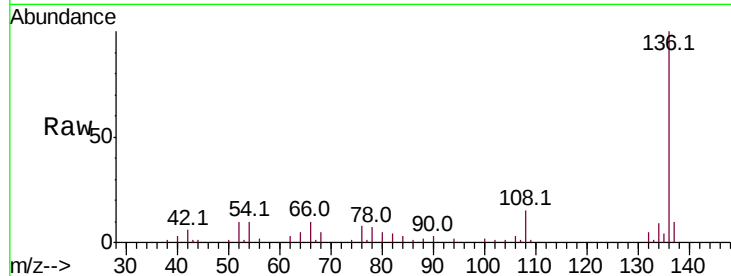
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampled :
PB111777BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	9.9	8.7	13.1	
54	10.0	4.6	6.8	
68	4.7	3.7	5.5	

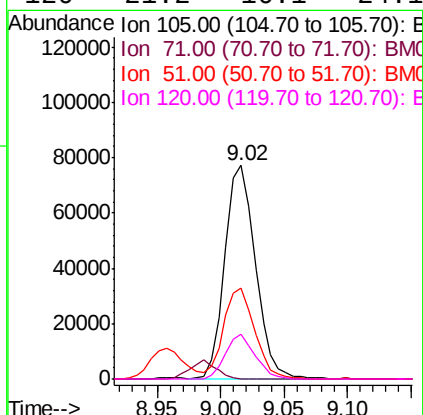
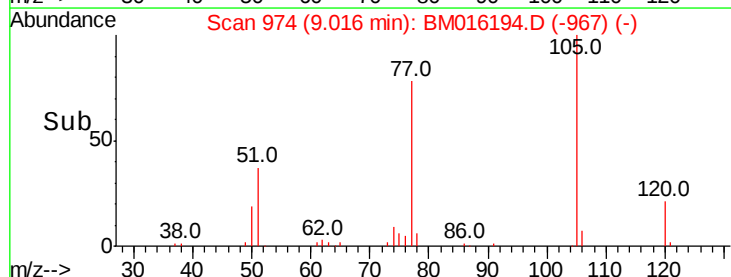
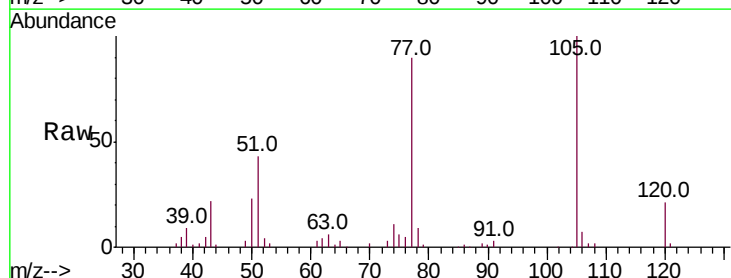
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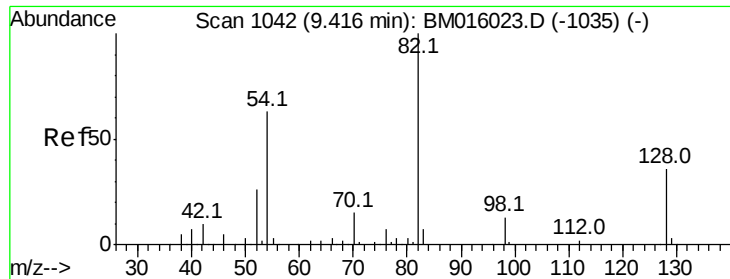
Sohil
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#22
Acetophenone
Concen: 47.464 ng
RT: 9.02 min Scan# 974
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	0.6	1.0	
51	42.7	21.6	32.4	
120	21.2	16.1	24.1	





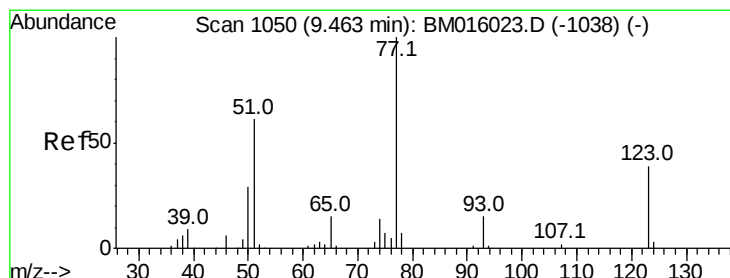
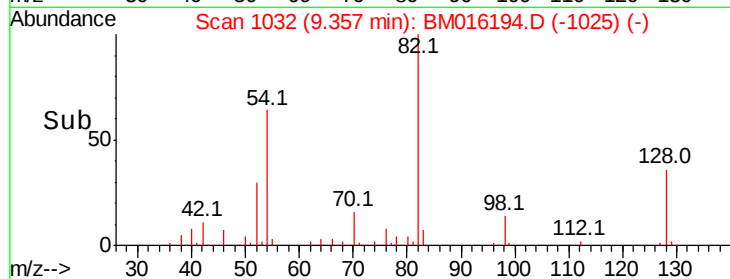
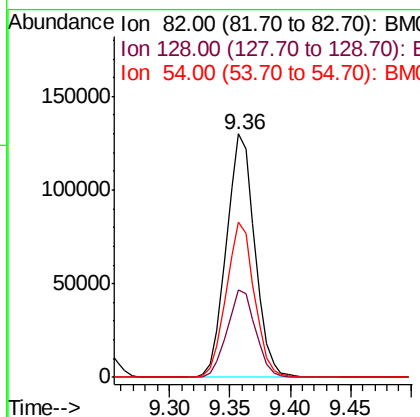
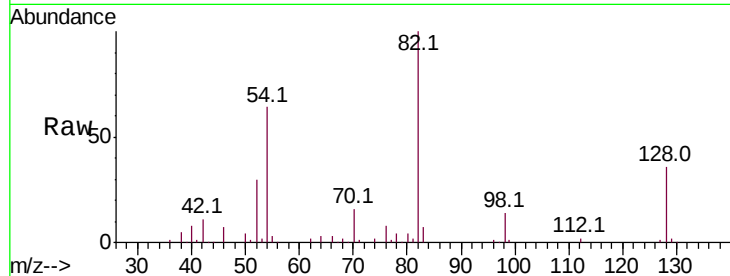
#23
Nitrobenzene-d5
Concen: 47.464 ng
RT: 9.36 min Scan# 1032
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB111777BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	212773		
128	35.7	32.8	49.2	
54	64.0	40.6	60.8	

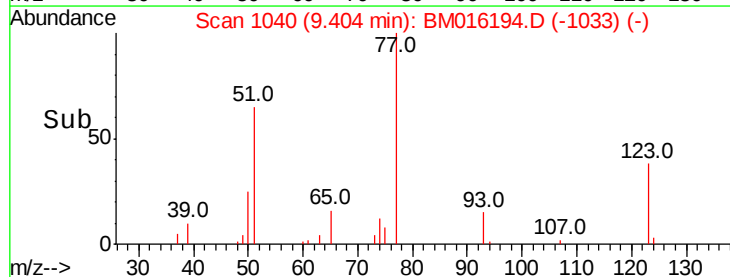
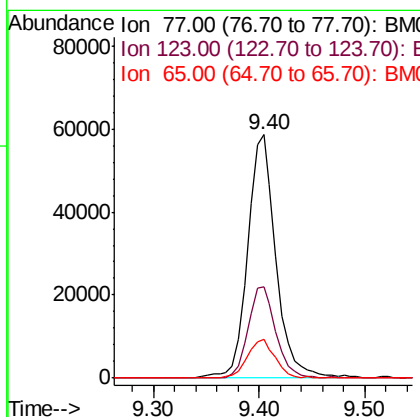
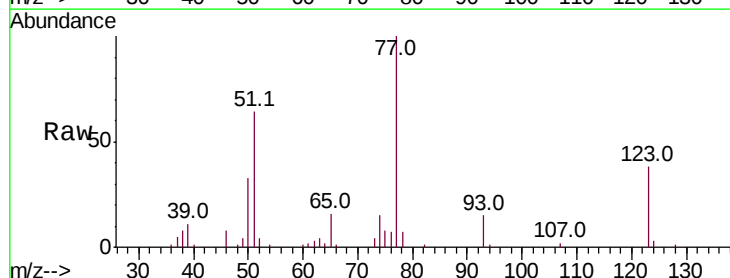
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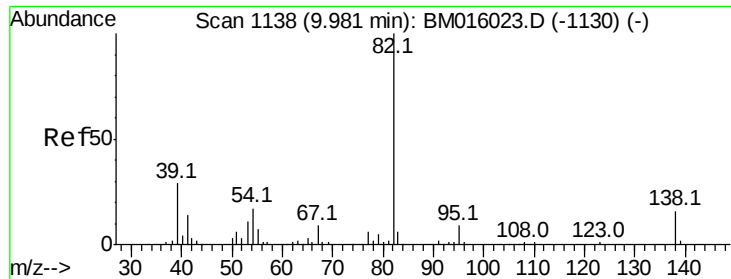
Sohil
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#24
Nitrobenzene
Concen: 46.371 ng
RT: 9.40 min Scan# 1040
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	108905		
123	37.6	32.6	49.0	
65	15.7	10.9	16.3	





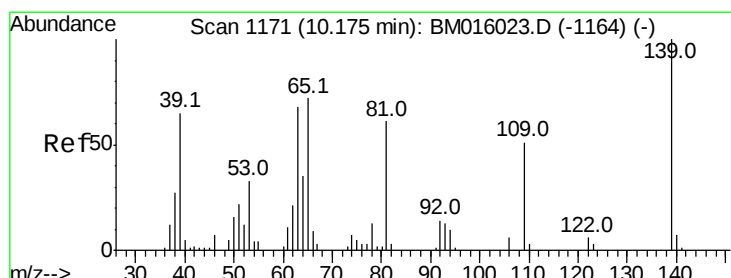
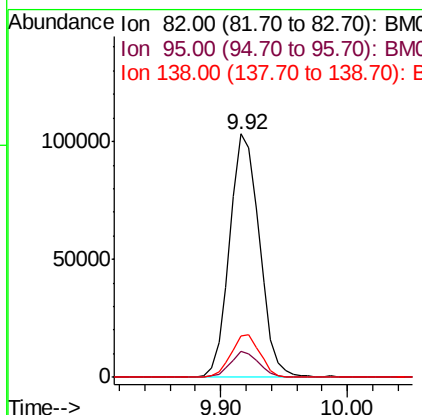
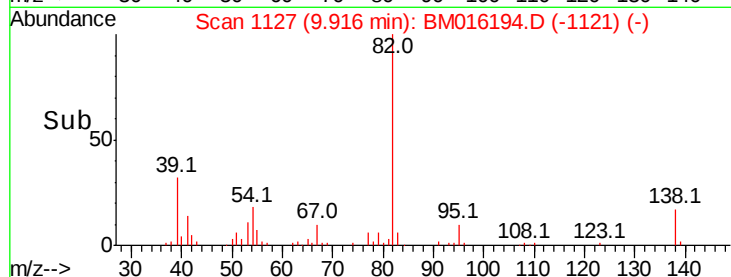
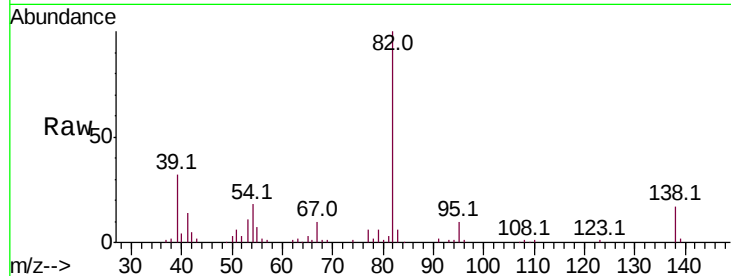
#25
Isophorone
Concen: 52.592 ng
RT: 9.92 min Scan# 1127
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB111777BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	10.5	5.8	8.6#	
138	17.0	16.3	24.5	

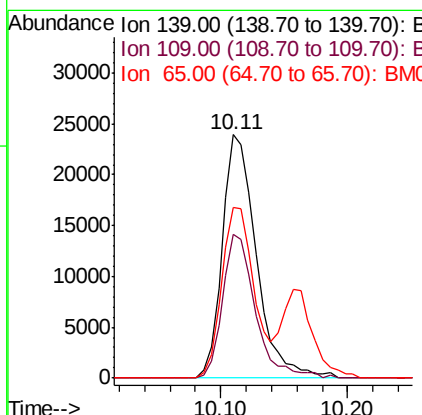
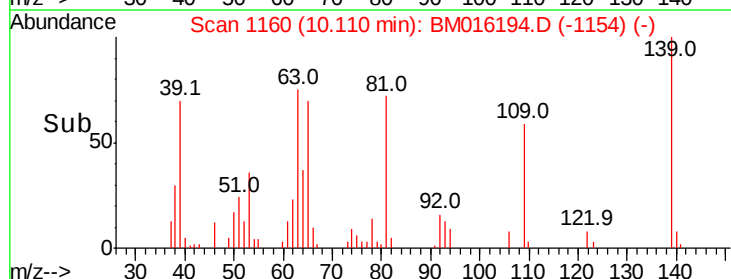
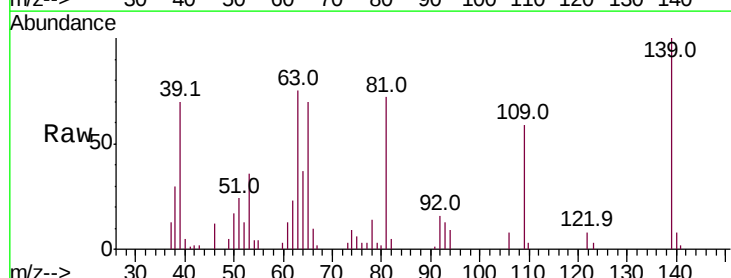
Manual Integrations
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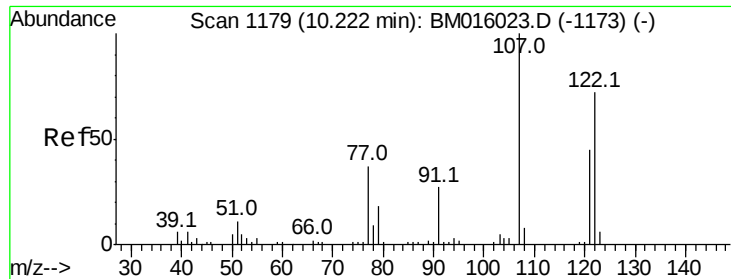
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#26
2-Nitrophenol
Concen: 45.414 ng
RT: 10.11 min Scan# 1160
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	59.1	20.1	30.1#	
65	69.9	31.5	47.3#	





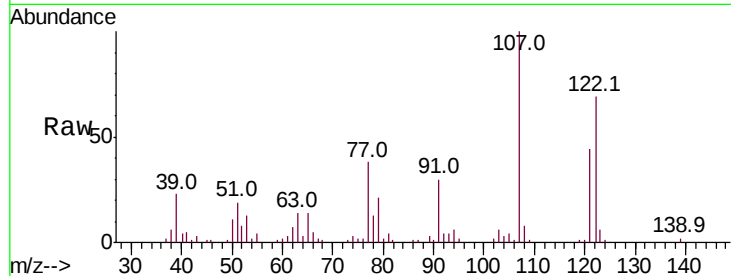
#27
 2,4-Dimethylphenol
 Concen: 53.966 ng
 RT: 10.16 min Scan# 1168
 Delta R.T. -0.06 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	144.1	84.7	127.1#
121	63.1	46.6	69.8

Manual Integrations
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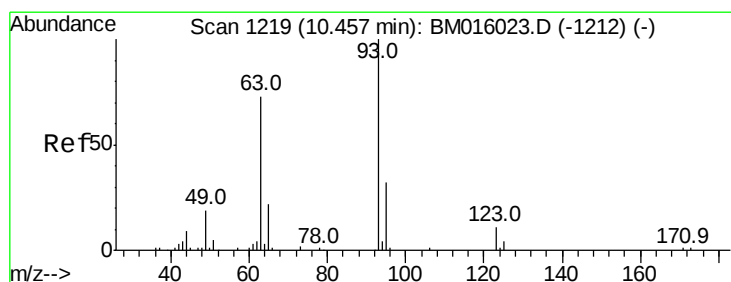
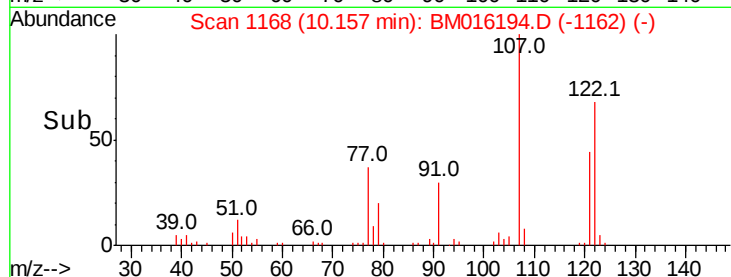
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Time-->



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.641 ng
 RT: 10.40 min Scan# 1209
 Delta R.T. -0.06 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	25.5	38.3
123	11.6	8.6	13.0

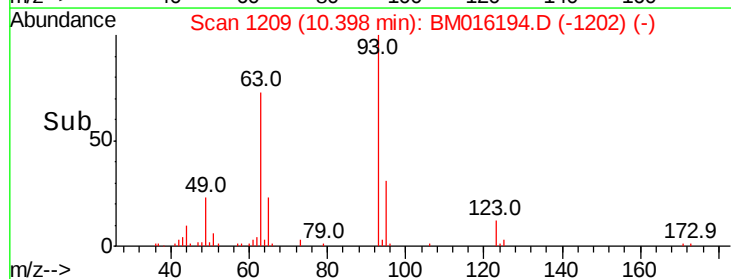
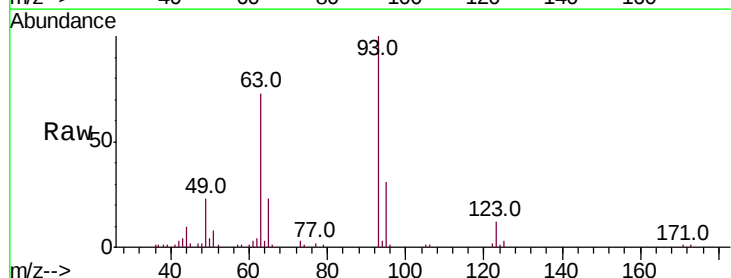
Abundance

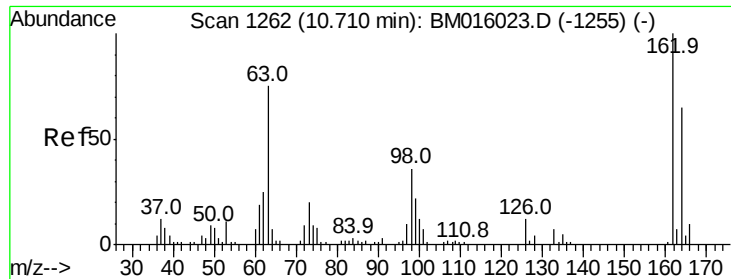
Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

Time-->





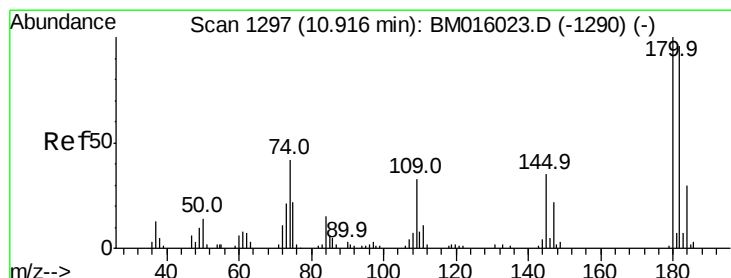
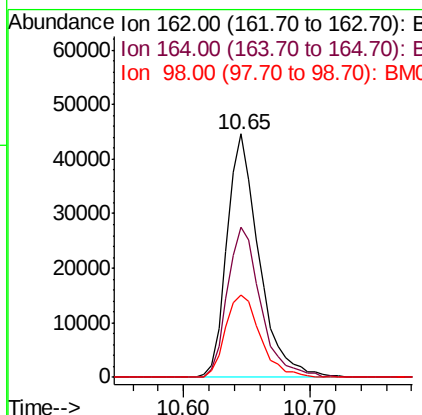
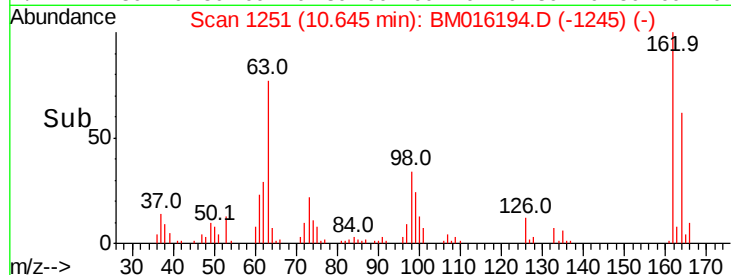
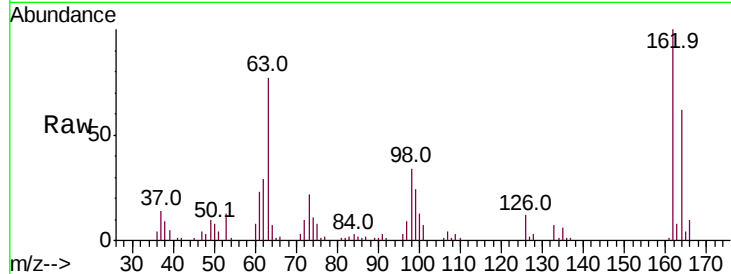
#29
 2,4-Dichlorophenol
 Concen: 48.051 ng
 RT: 10.65 min Scan# 1251
 Delta R.T. -0.06 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	77990		
164	61.7	42.8	82.8	
98	33.7	14.5	54.5	

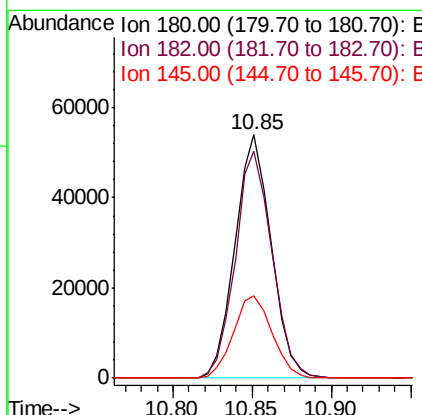
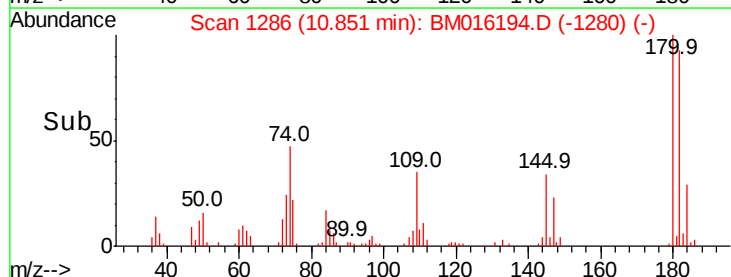
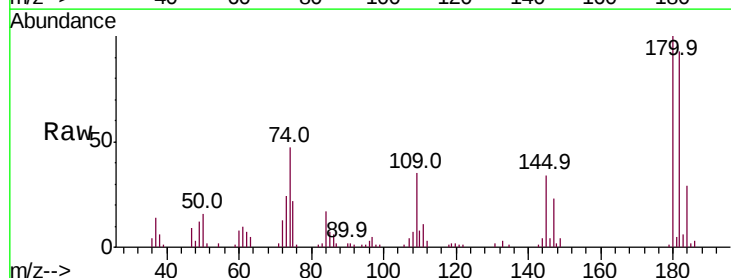
Manual Integrations
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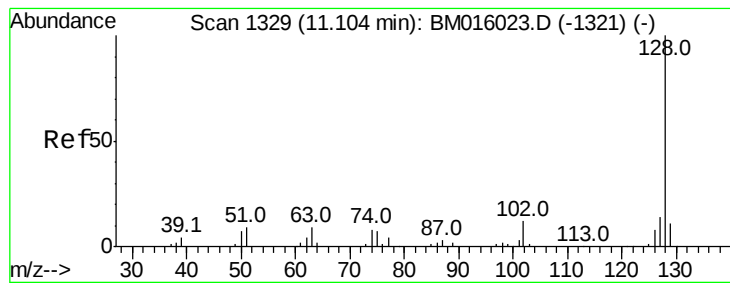
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.345 ng
 RT: 10.85 min Scan# 1286
 Delta R.T. -0.06 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	85479		
182	93.2	77.6	116.4	
145	33.7	23.4	35.2	





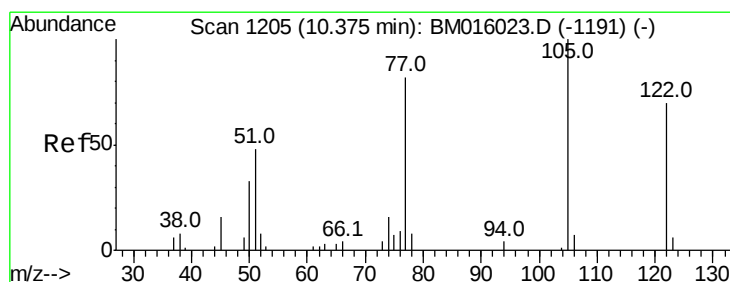
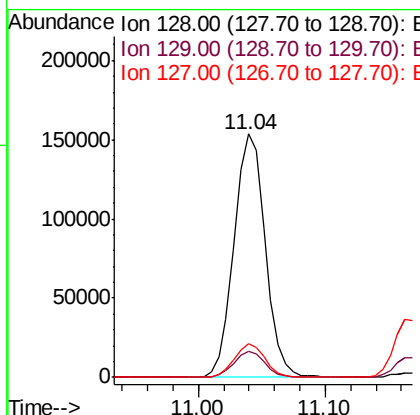
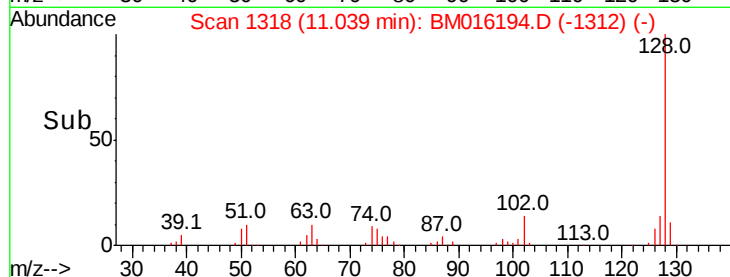
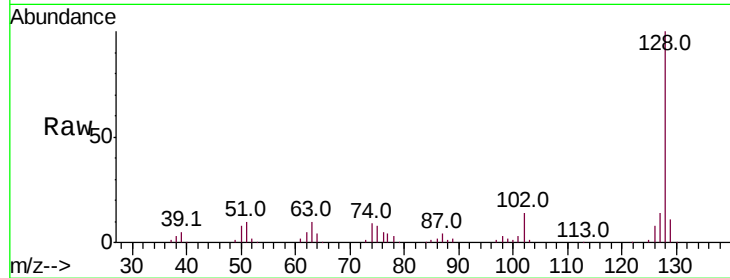
#31
Naphthalene
Concen: 47.586 ng
RT: 11.04 min Scan# 1318
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB111777BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	14.1	10.4	15.6

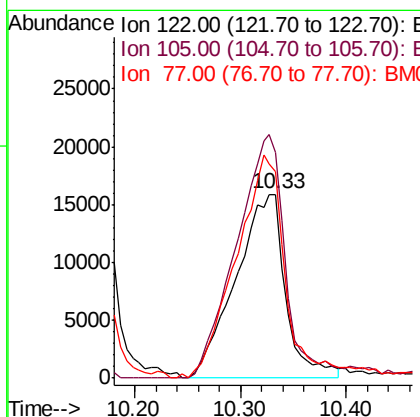
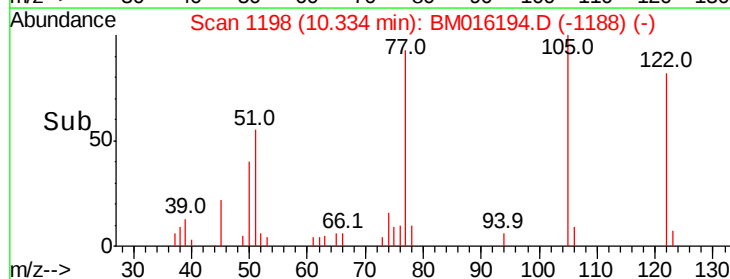
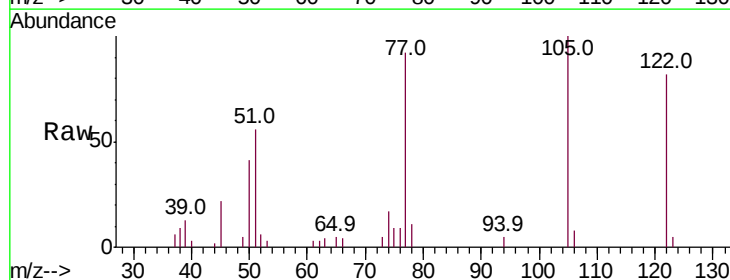
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#32
Benzoic acid
Concen: 50.165 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.04 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.4	99.9	139.9
77	112.4	73.7	113.7





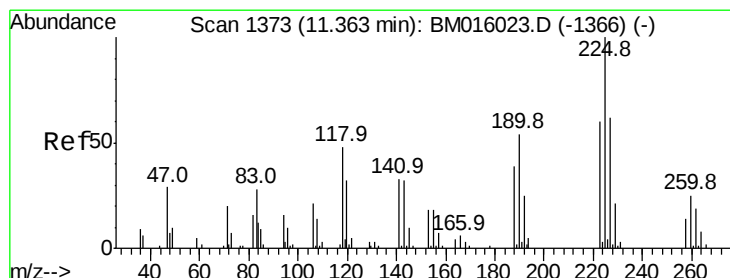
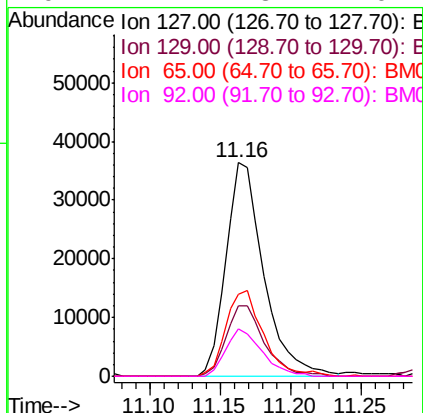
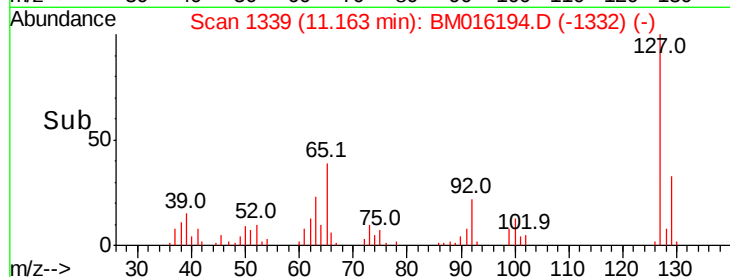
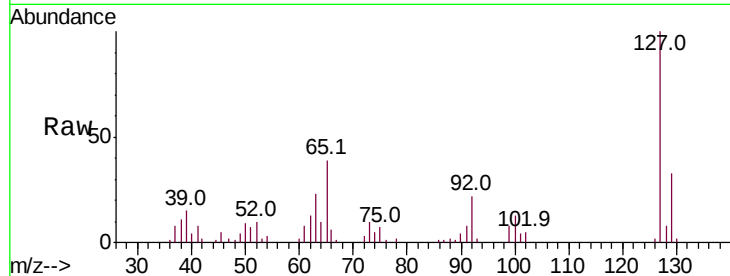
#33
4-Chloroaniline
Concen: 30.269 ng
RT: 11.16 min Scan# 1339
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB111777BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.3	37.9
65	38.6	17.6	26.4
92	22.2	13.1	19.7

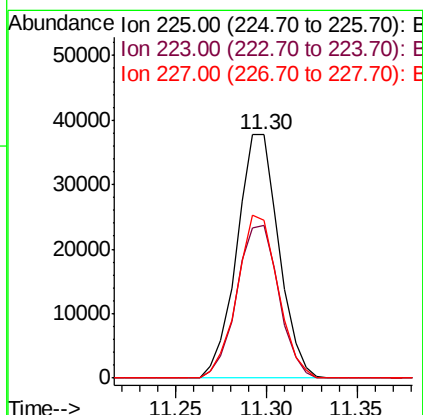
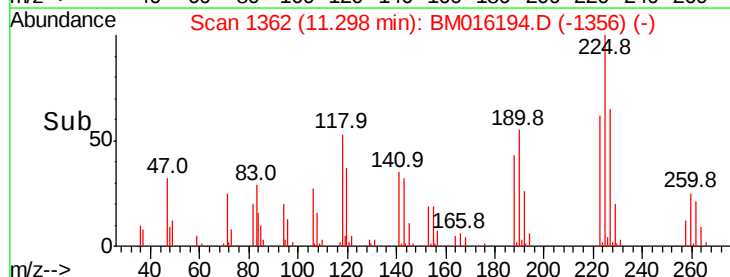
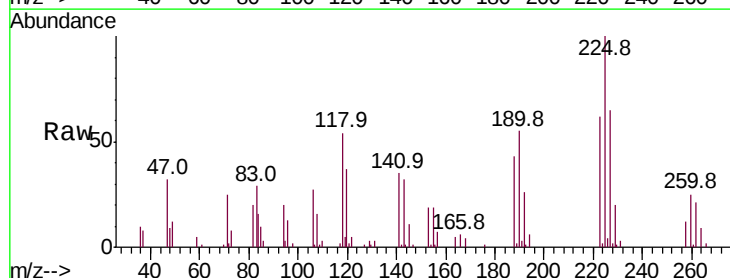
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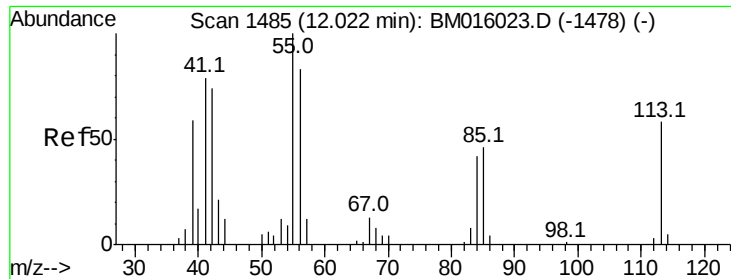
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#34
Hexachlorobutadiene
Concen: 44.358 ng
RT: 11.30 min Scan# 1362
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	47.9	71.9
227	64.7	50.1	75.1





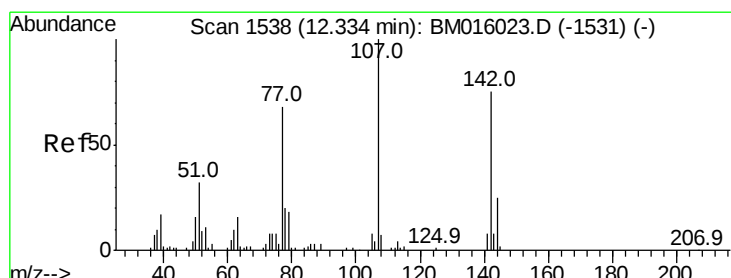
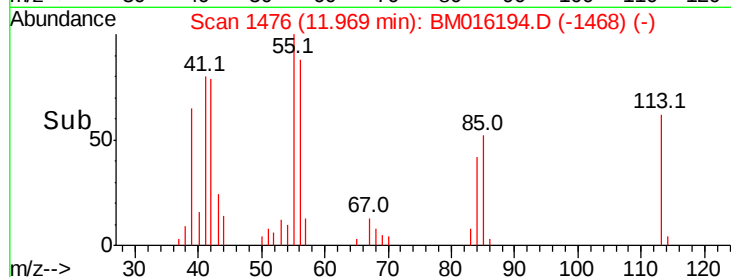
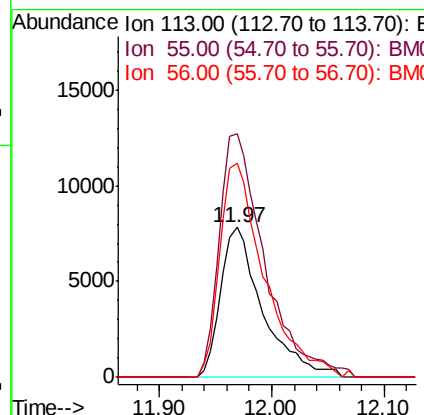
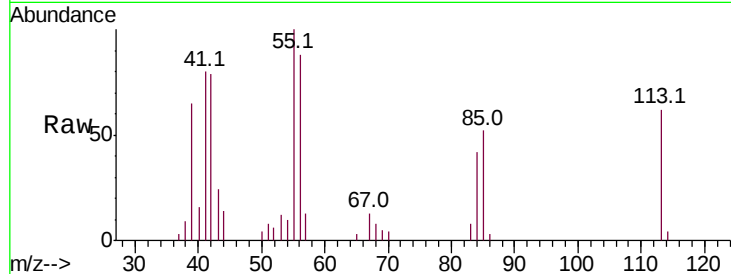
#35
 Caprolactam
 Concen: 45.362 ng/ml
 RT: 11.97 min Scan# 1476
 Delta R.T. -0.05 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Tot Ion:113 Resp: 20392
 Ion Ratio Lower Upper
 113 100
 55 162.2 145.9 185.9
 56 142.8 101.0 141.0#

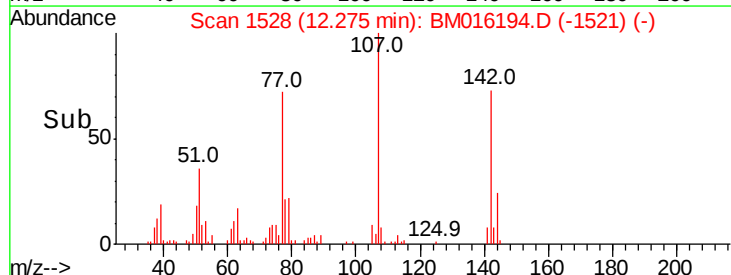
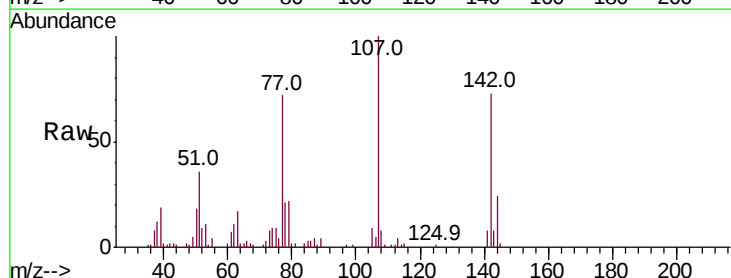
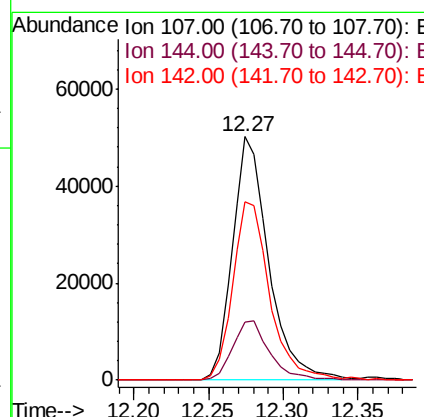
Manual Integrations
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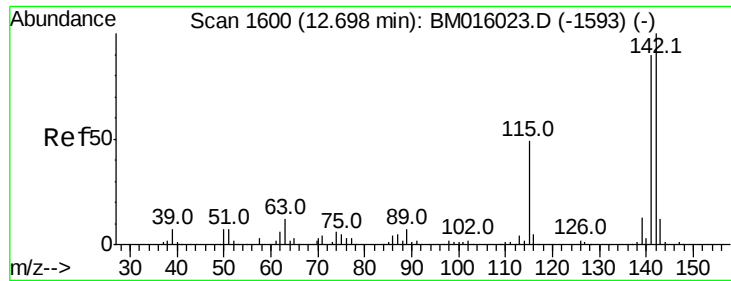
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#36
 4-Chloro-3-methylphenol
 Concen: 47.686 ng/ml
 RT: 12.27 min Scan# 1528
 Delta R.T. -0.06 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Tgt Ion:107 Resp: 85127
 Ion Ratio Lower Upper
 107 100
 144 23.8 23.3 34.9
 142 73.3 72.6 109.0





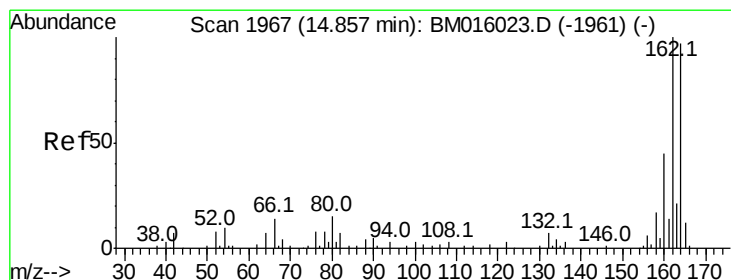
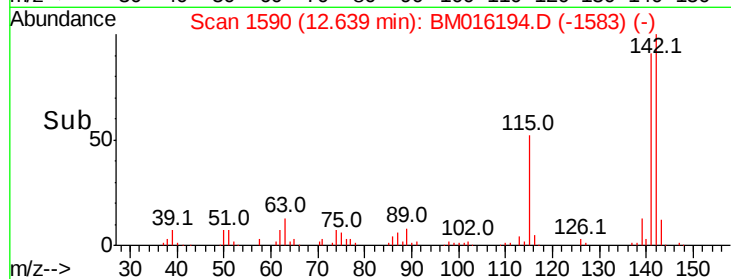
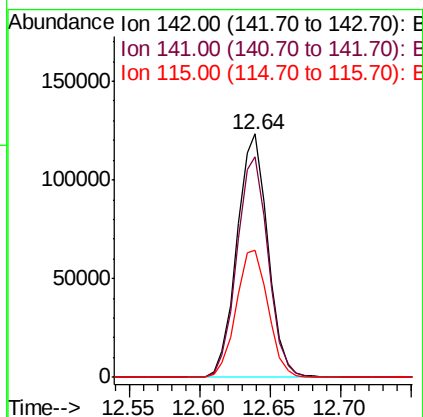
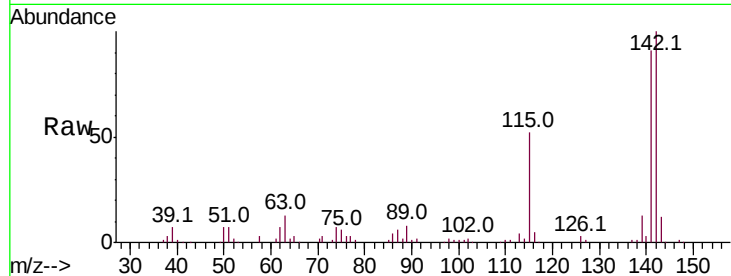
#37
 2-Methylnaphthalene
 Concen: 51.306 ng
 RT: 12.64 min Scan# 1590
 Delta R.T. -0.06 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
115	52.1	25.4	38.0

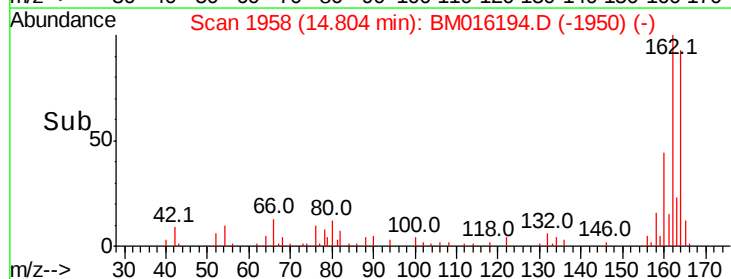
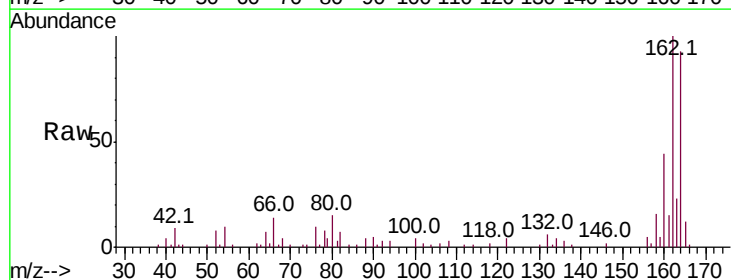
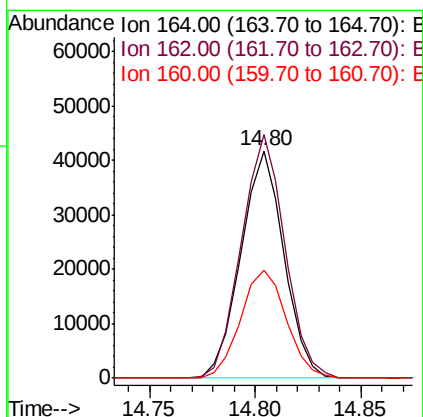
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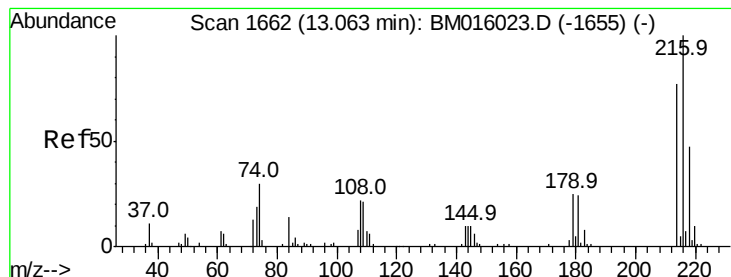
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1958
 Delta R.T. -0.05 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.4	123.6
160	47.5	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.766 ng

RT: 13.00 min Scan# 1652

Delta R.T. -0.06 min

Lab File: BM016194.D

Acq: 06 Aug 2018 16:53

Instrument :

BNA_M

ClientSampleId :

PB111777BS

Tot Ion:216 Resp: 91770

Ion Ratio Lower Upper

216 100

214 77.6 0.0 0.0#

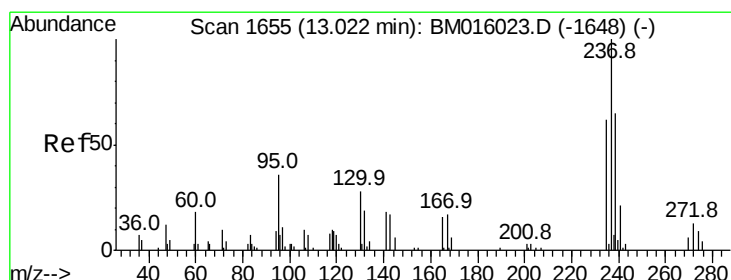
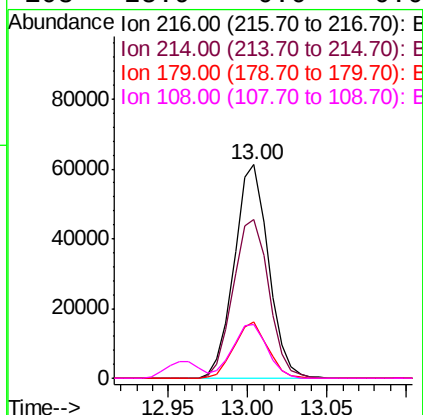
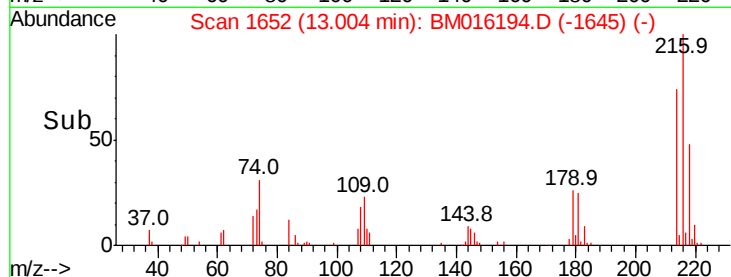
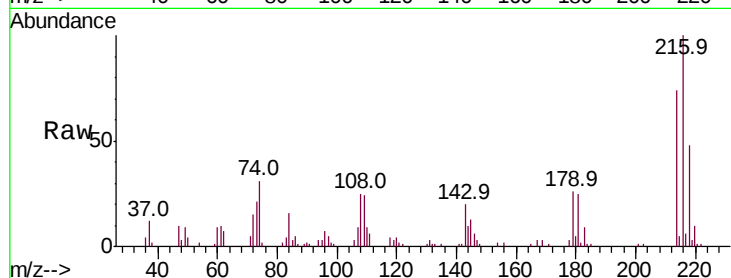
179 25.8 0.0 0.0#

108 25.9 0.0 0.0#

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 95.195 ng

RT: 12.96 min Scan# 1644

Delta R.T. -0.06 min

Lab File: BM016194.D

Acq: 06 Aug 2018 16:53

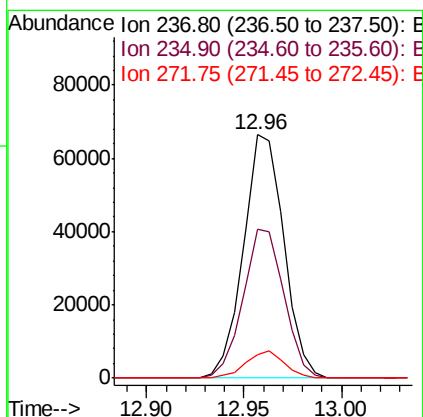
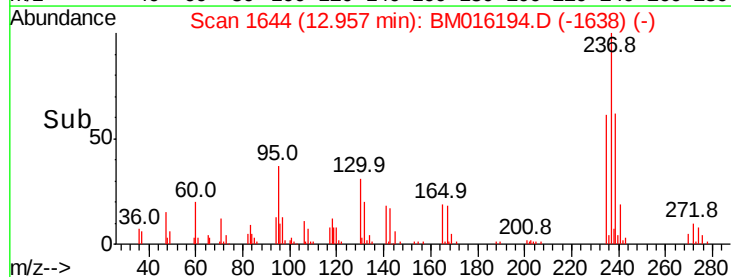
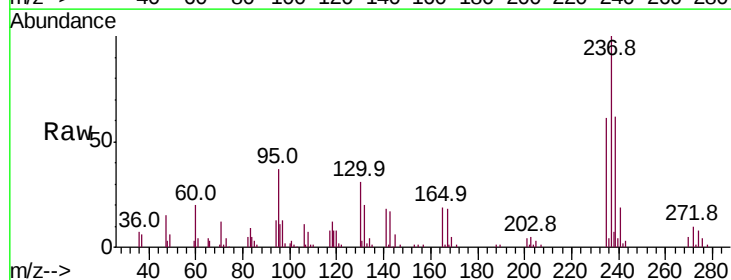
Tgt Ion:237 Resp: 95284

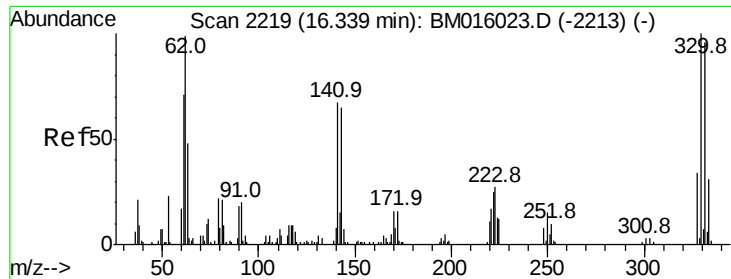
Ion Ratio Lower Upper

237 100

235 61.3 42.0 82.0

272 9.7 0.0 33.4





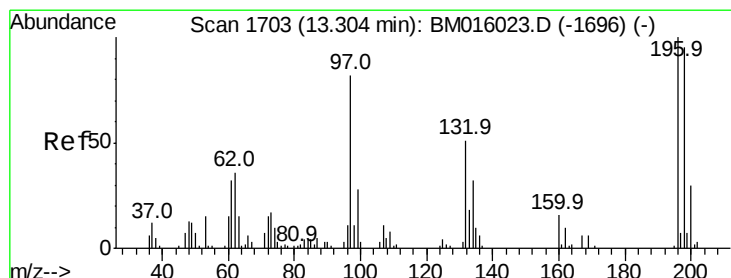
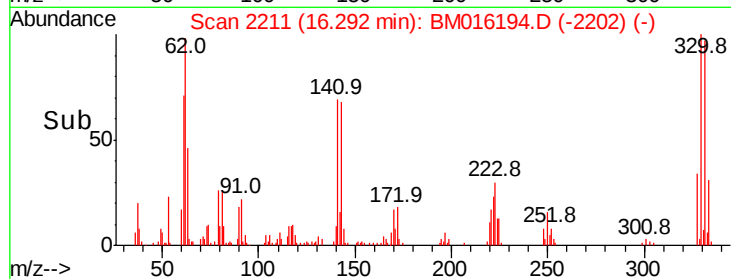
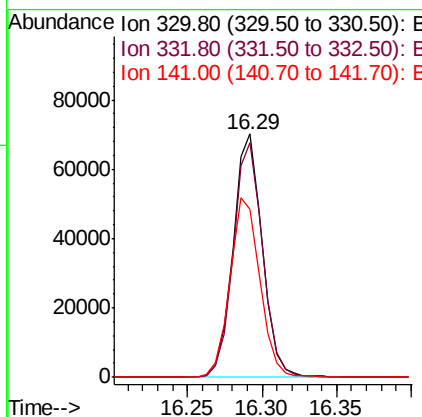
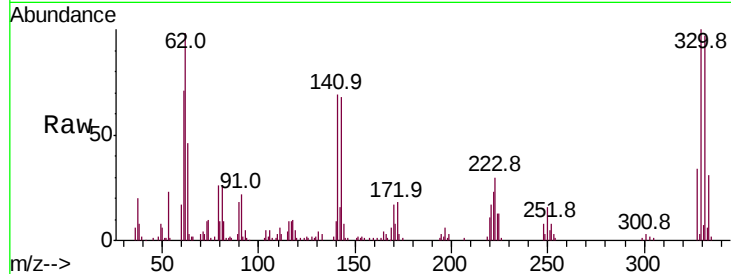
#41
 2,4,6-Tribromophenol
 Concen: 95.195 ng
 RT: 16.29 min Scan# 2211
 Delta R.T. -0.05 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	76.2	0.0	0.0#

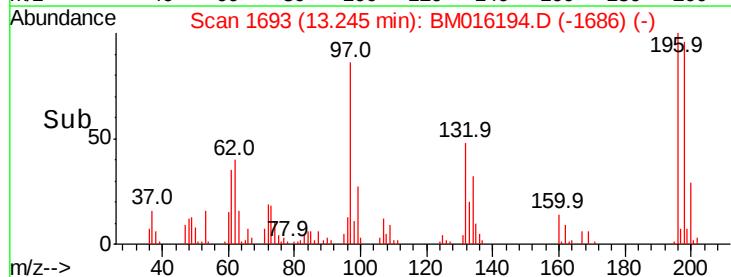
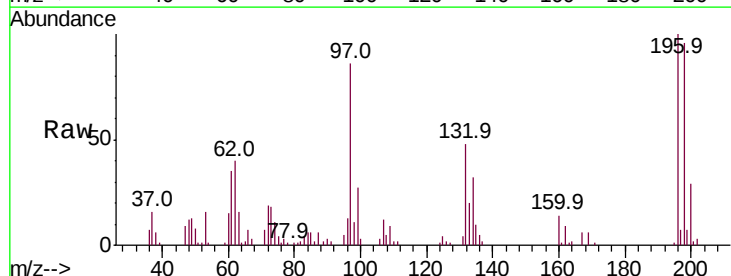
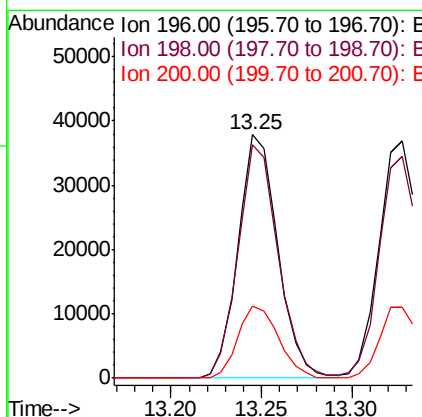
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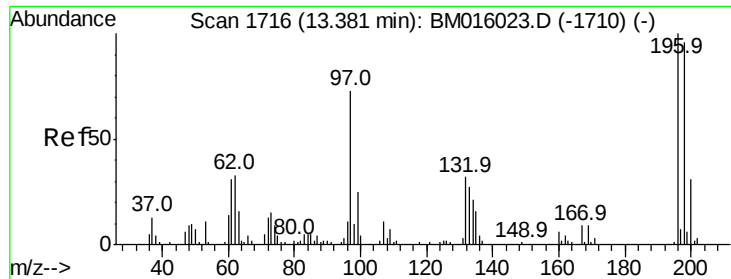
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#42
 2,4,6-Trichlorophenol
 Concen: 46.037 ng
 RT: 13.25 min Scan# 1693
 Delta R.T. -0.06 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.0	76.3	114.5
200	29.5	25.6	38.4





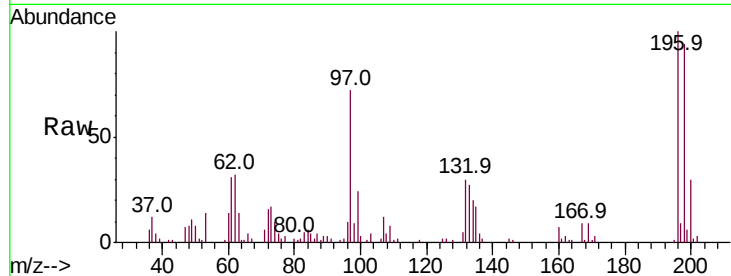
#43
 2,4,5-Trichlorophenol
 Concen: 47.538 ng
 RT: 13.33 min Scan# 1707
 Delta R.T. -0.05 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	61517		
198	93.5	79.4	119.0	
97	72.3	26.8	40.2	#
132	30.2	18.6	28.0	#

Manual Integrations
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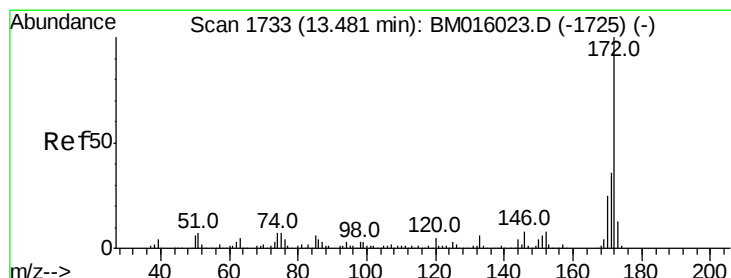
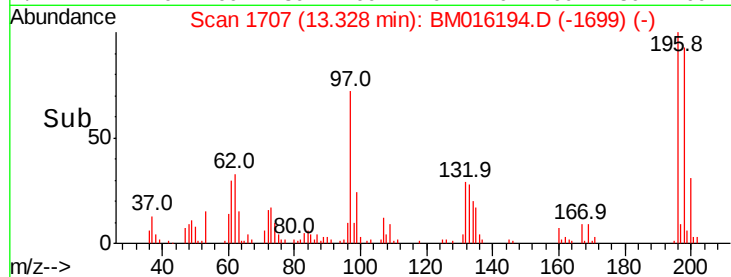
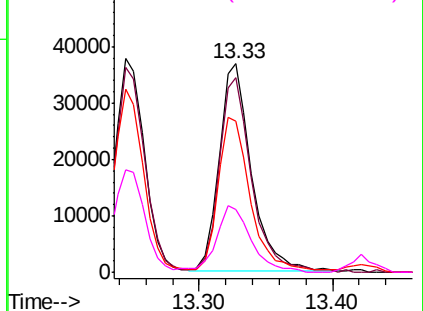
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

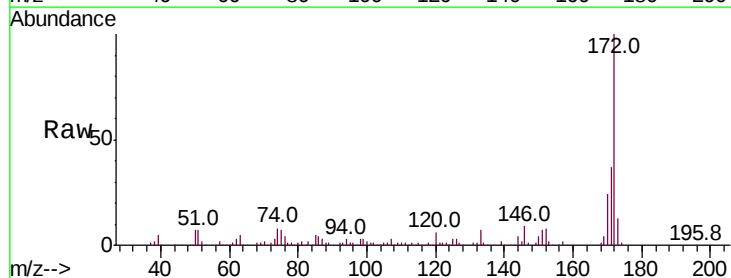
Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 47.538 ng
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.06 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	424038		
171	36.8	28.5	42.7	
170	24.3	18.8	28.2	

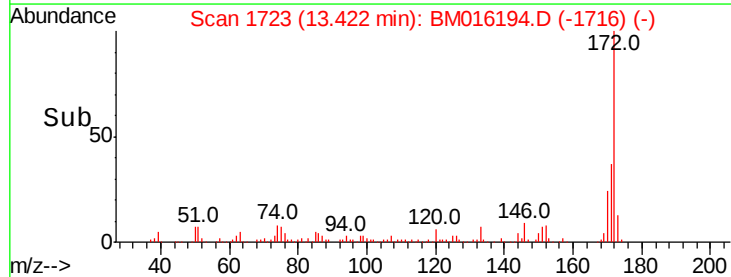
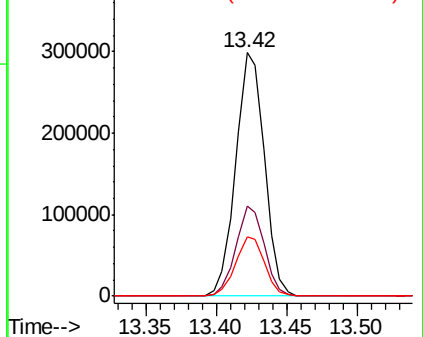


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





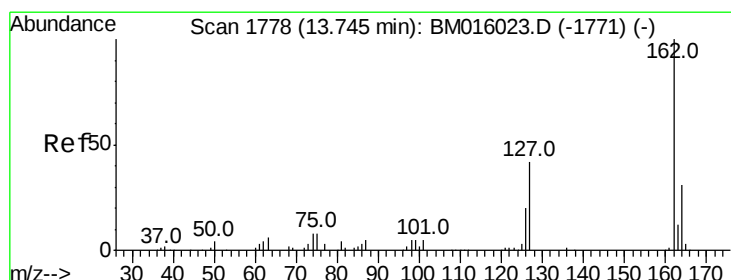
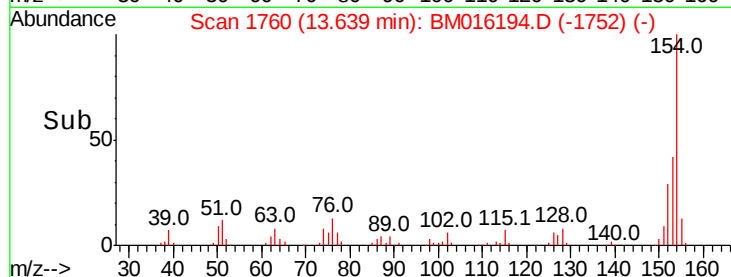
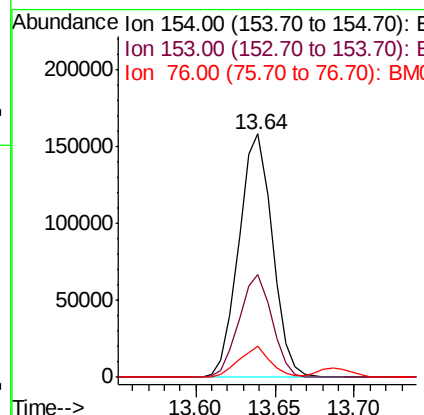
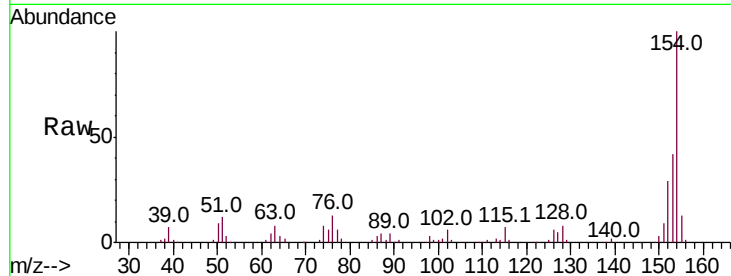
#45
 1,1'-Biphenyl
 Concen: 43.778 ng
 RT: 13.64 min Scan# 1760
 Delta R.T. -0.05 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.4	20.7	60.7	
76	12.6	0.0	30.9	

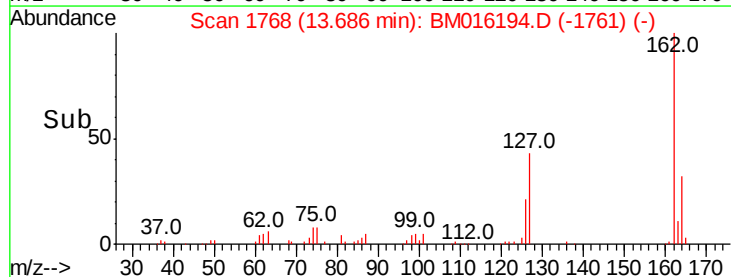
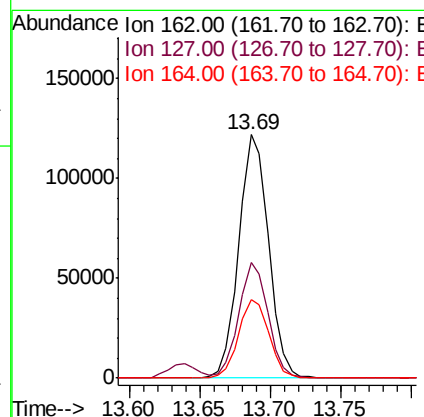
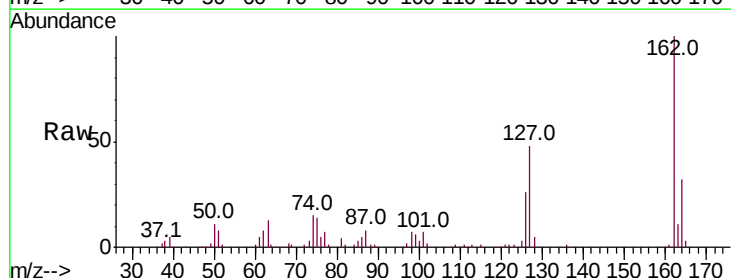
Manual Integrations
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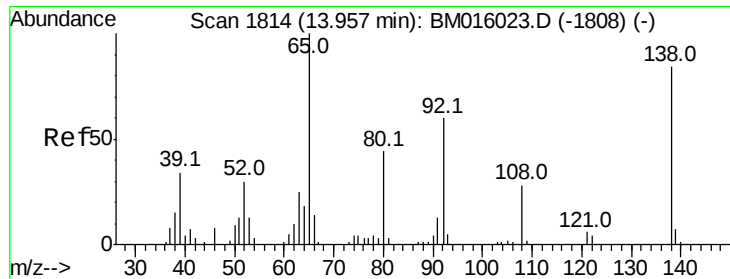
Sohil
 8/7/2018 6:56:17 PM



#46
 2-Chloronaphthalene
 Concen: 43.436 ng
 RT: 13.69 min Scan# 1768
 Delta R.T. -0.06 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	47.6	26.9	40.3#	
164	32.2	26.8	40.2	





#47

2-Nitroaniline

Concen: 46.144 ng

RT: 13.91 min Scan# 1806

Delta R.T. -0.05 min

Lab File: BM016194.D

Acq: 06 Aug 2018 16:53

Instrument :

BNA_M

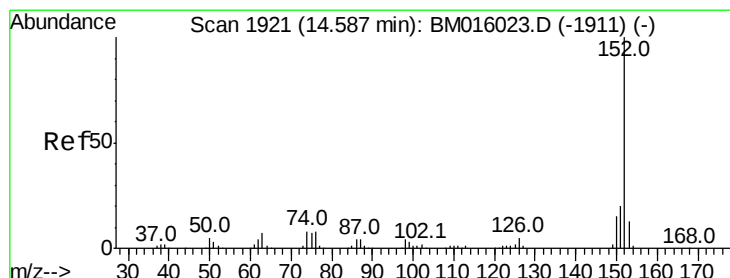
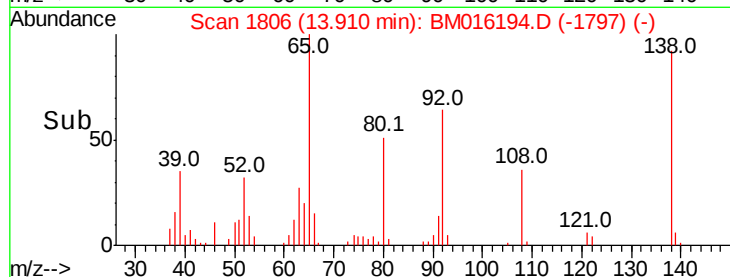
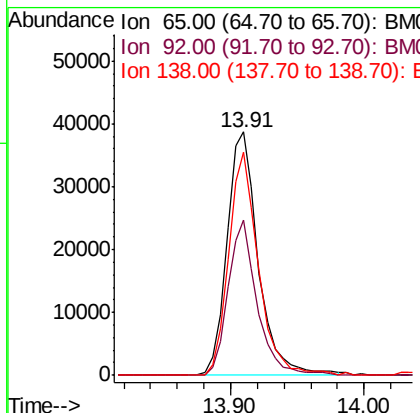
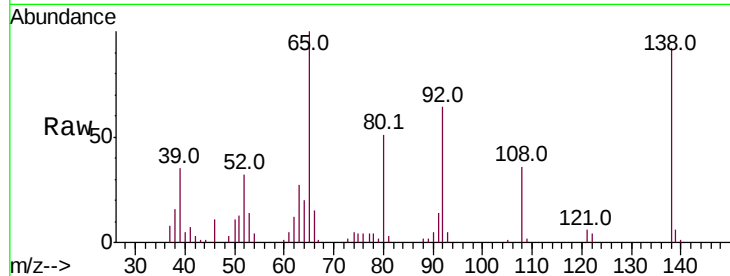
ClientSampled :

PB111777BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.7	59.1	88.7
138	91.7	93.9	140.9

Manual Integrations
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#48

Acenaphthylene

Concen: 48.854 ng

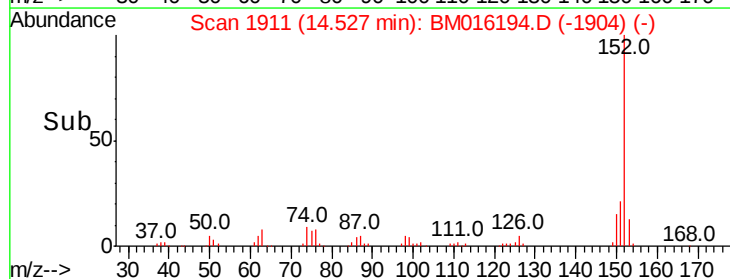
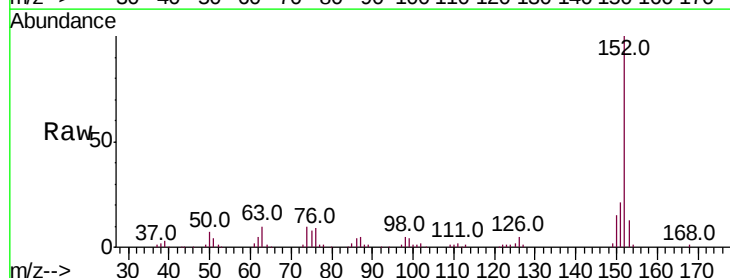
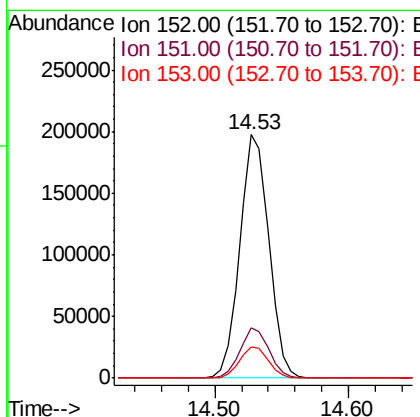
RT: 14.53 min Scan# 1911

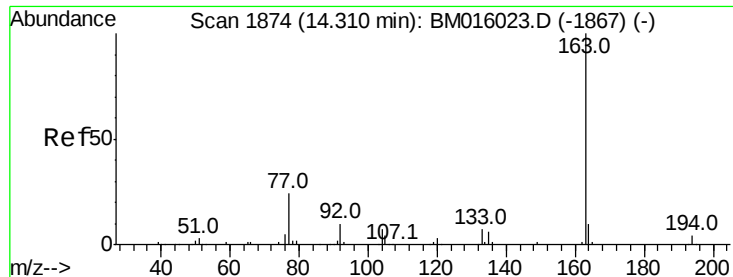
Delta R.T. -0.06 min

Lab File: BM016194.D

Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.9	23.9
153	13.0	10.6	16.0





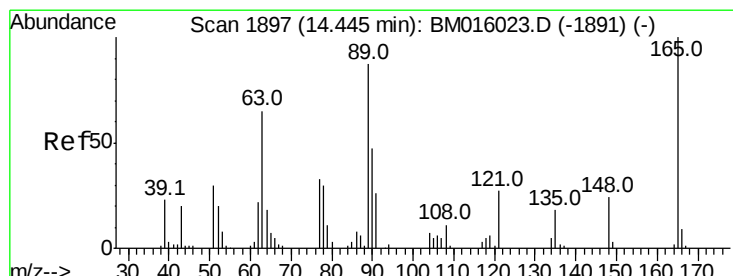
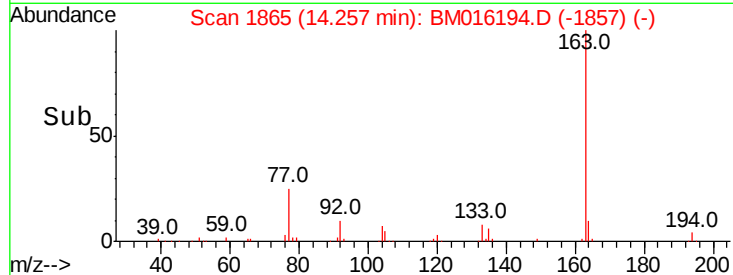
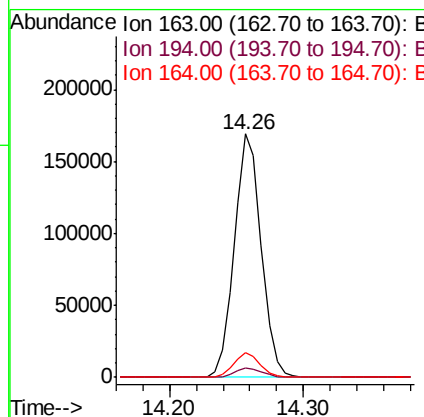
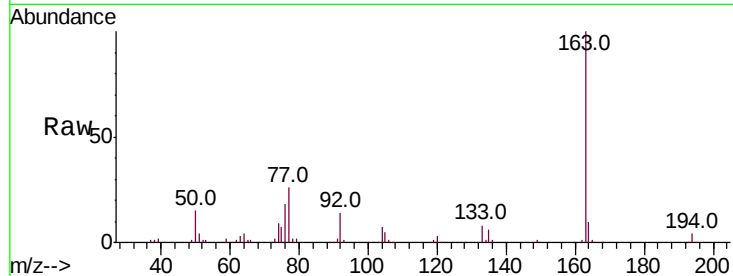
#49
Dimethylphthalate
Concen: 45.900 ng
RT: 14.26 min Scan# 1865
Delta R.T. -0.05 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB111777BS

Tot Ion:	163	Resp:	236596
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	10.2	8.2	12.2

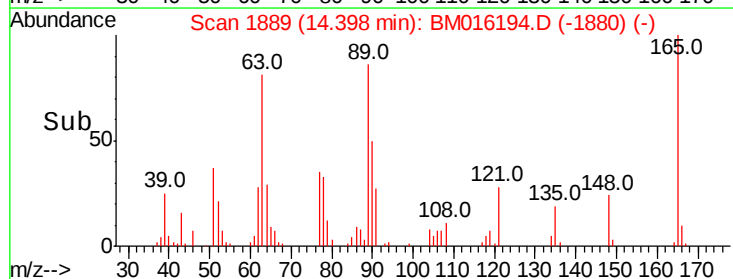
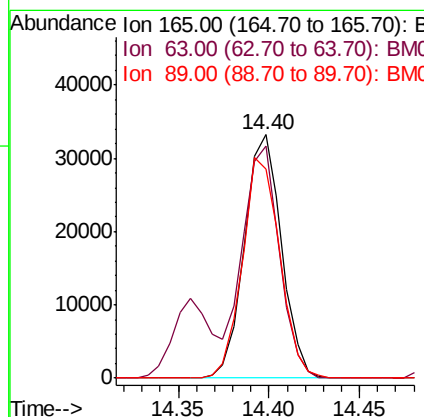
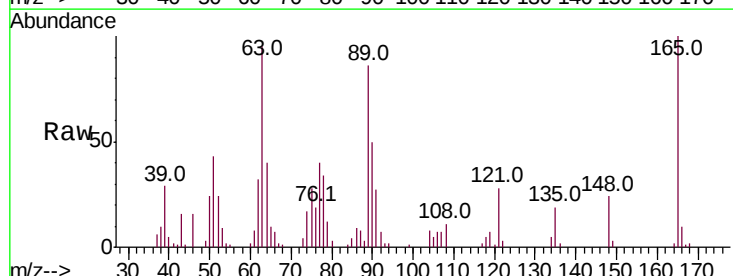
Manual Integrations
APPROVED

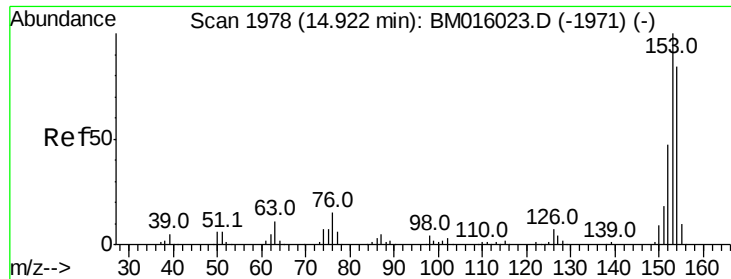
Sohil
8/7/2018 6:56:17 PM



#50
2,6-Dinitrotoluene
Concen: 45.503 ng
RT: 14.40 min Scan# 1889
Delta R.T. -0.05 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion:	165	Resp:	47192
Ion Ratio	Lower	Upper	
165	100		
63	95.2	44.1	66.1#
89	85.7	44.3	66.5#





#51

Acenaphthene

Concen: 45.401 ng

RT: 14.87 min Scan# 1969

Delta R.T. -0.05 min

Lab File: BM016194.D

Acq: 06 Aug 2018 16:53

Instrument :

BNA_M

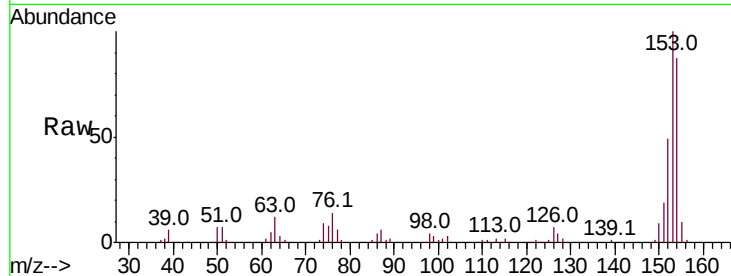
ClientSampleId :

PB111777BS

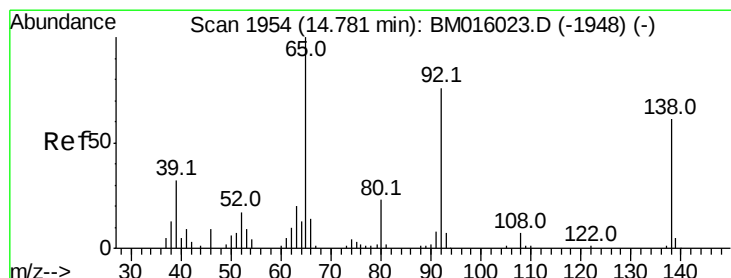
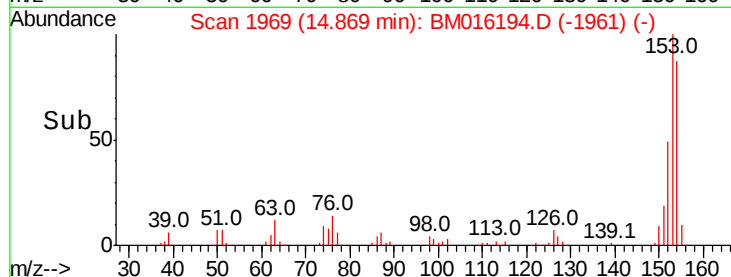
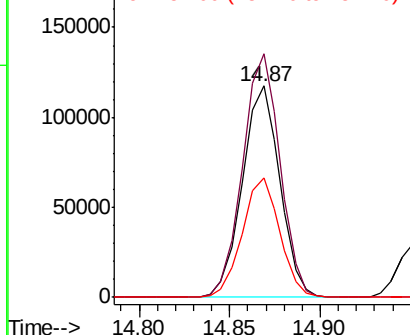
Tot Ion:	154	Resp:	168993
Ion Ratio	Lower	Upper	
154	100		
153	115.3	90.0	135.0
152	56.6	42.6	63.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.986 ng

RT: 14.73 min Scan# 1946

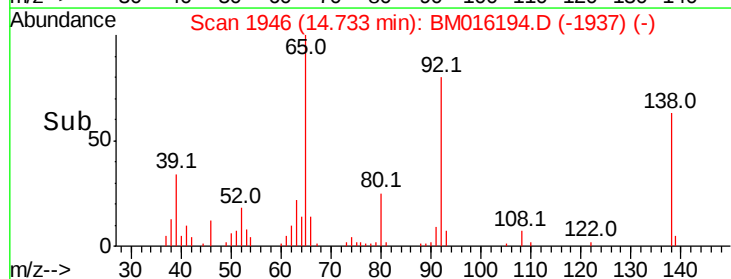
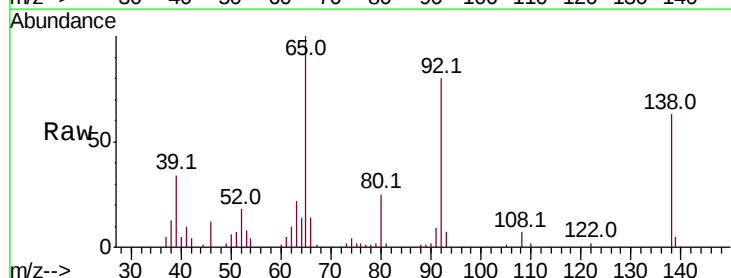
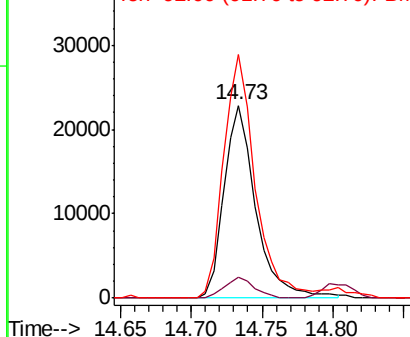
Delta R.T. -0.05 min

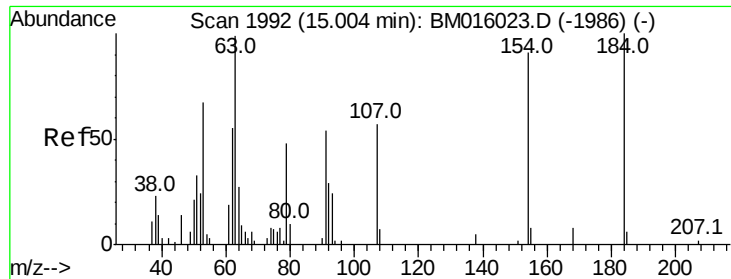
Lab File: BM016194.D

Acq: 06 Aug 2018 16:53

Tgt Ion:	138	Resp:	35831
Ion Ratio	Lower	Upper	
138	100		
108	10.6	7.3	10.9
92	126.3	76.6	114.8#

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





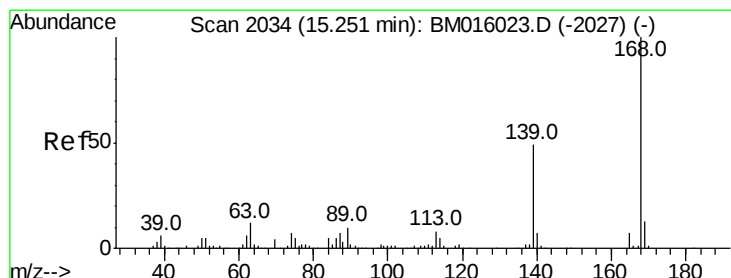
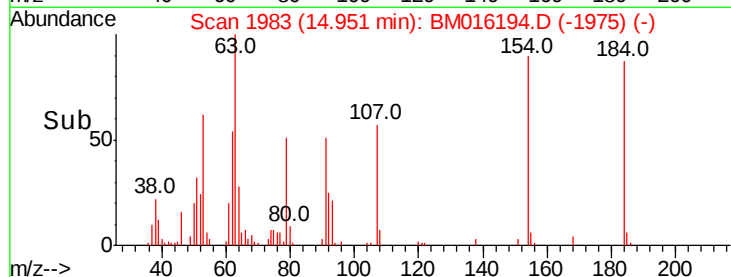
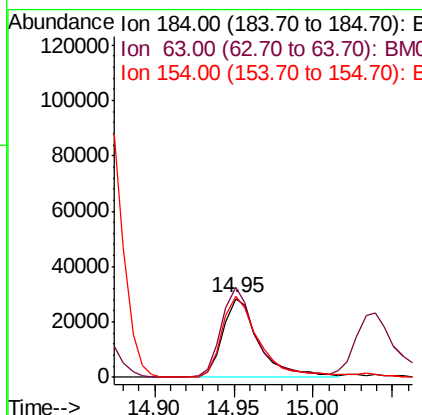
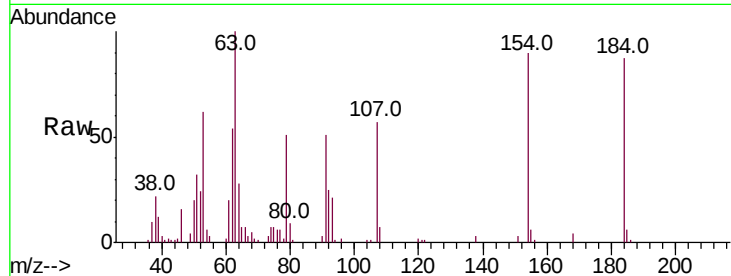
#53
2,4-Dinitrophenol
Concen: 99.307 ng
RT: 14.95 min Scan# 1983
Delta R.T. -0.05 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB111777BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	114.5	69.2	103.8#
154	102.8	53.3	79.9#

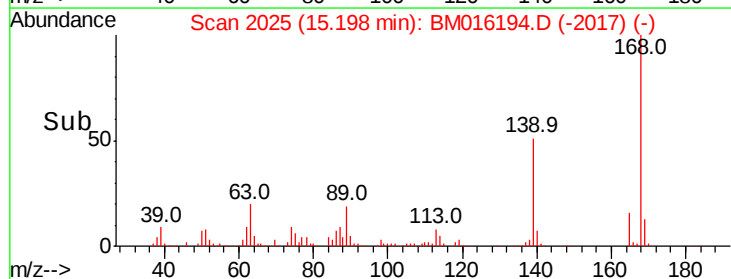
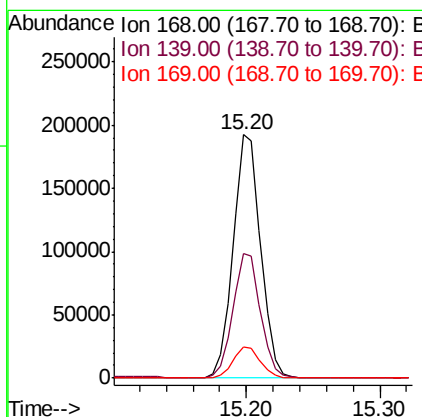
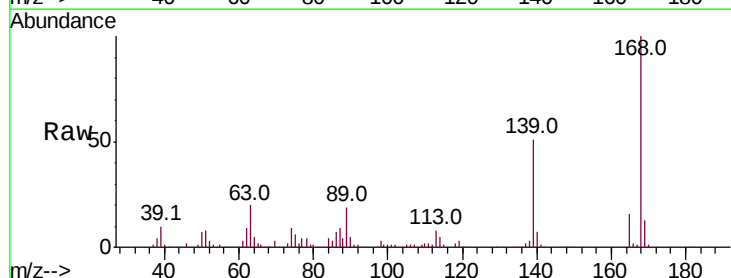
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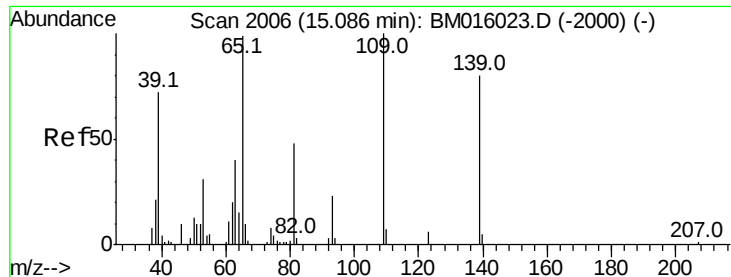
Sohil
8/7/2018 6:56:17 PM



#54
Dibenzofuran
Concen: 44.906 ng
RT: 15.20 min Scan# 2025
Delta R.T. -0.05 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	51.1	27.3	40.9#
169	12.9	10.6	16.0





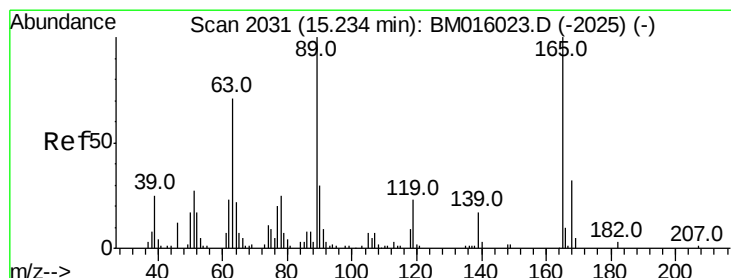
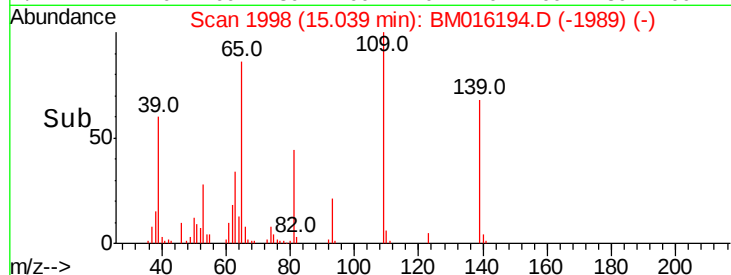
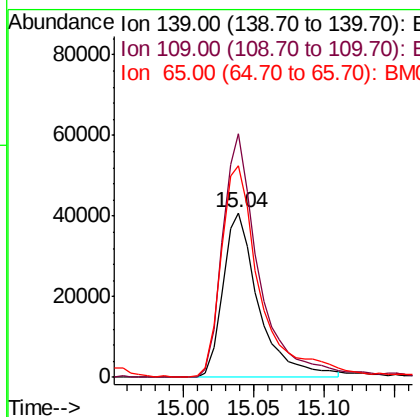
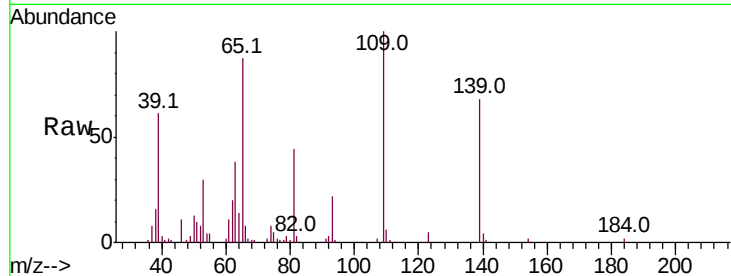
#55
4-Nitrophenol
Concen: 89.920 ng
RT: 15.04 min Scan# 1998
Delta R.T. -0.05 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB111777BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	147.9	130.0	170.0
65	128.2	130.0	170.0

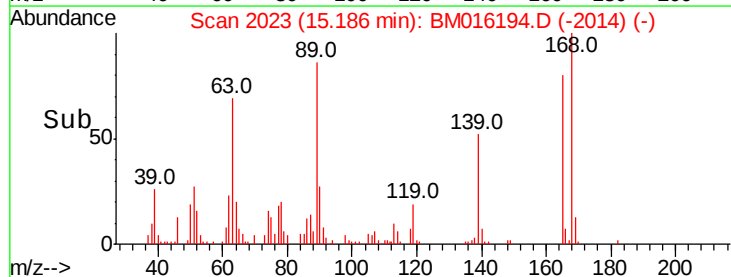
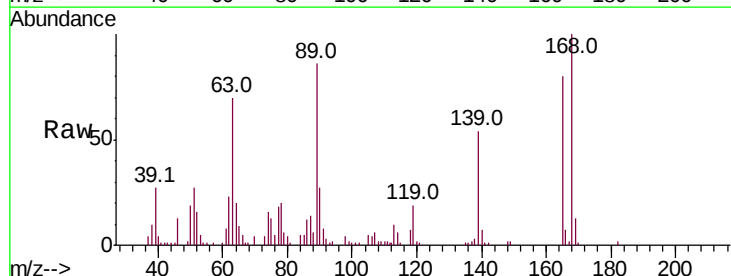
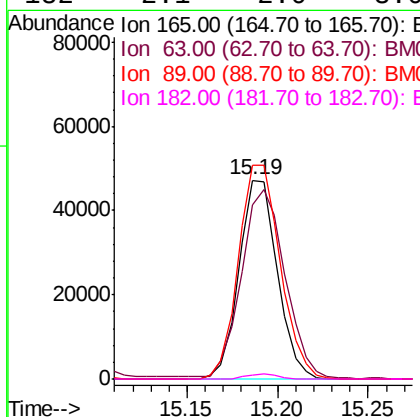
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#56
2,4-Dinitrotoluene
Concen: 46.816 ng
RT: 15.19 min Scan# 2023
Delta R.T. -0.05 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	87.7	52.4	78.6
89	107.3	72.4	108.6
182	2.1	2.0	3.0





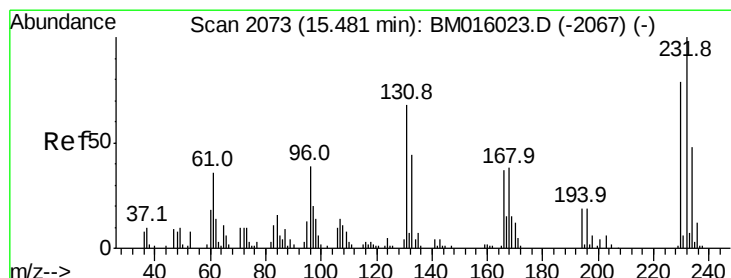
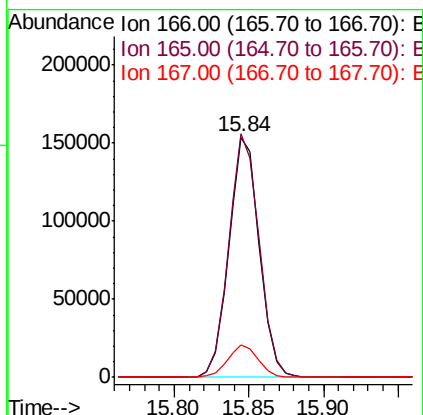
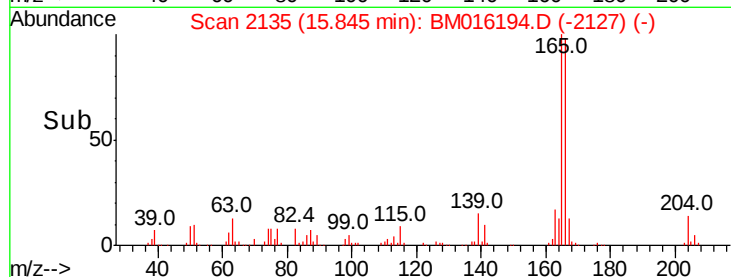
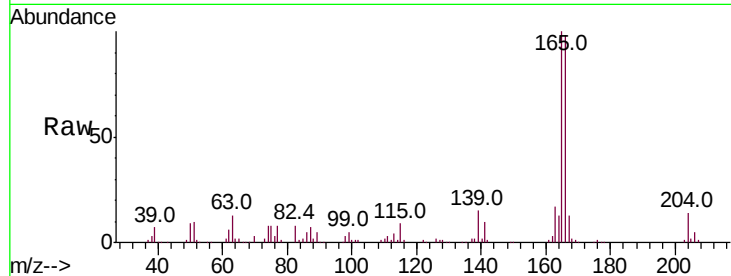
#57
 Fluorene
 Concen: 48.056 ng
 RT: 15.84 min Scan# 2135
 Delta R.T. -0.05 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.0	118.4
167	13.6	10.3	15.5

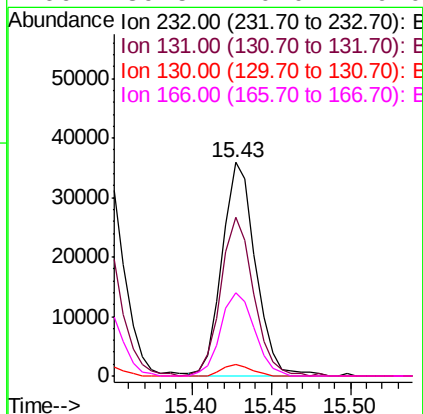
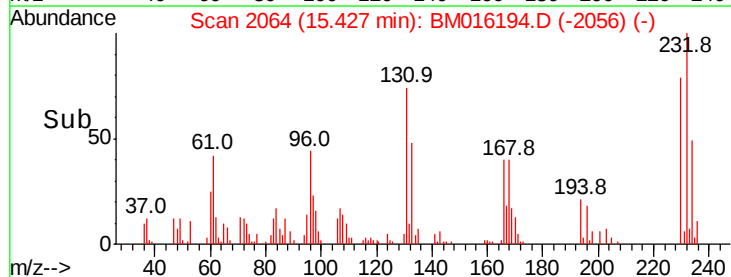
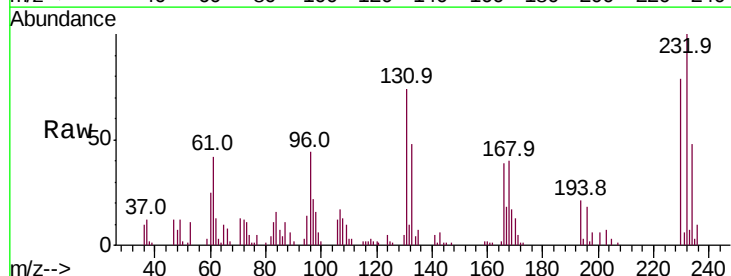
Manual Integrations
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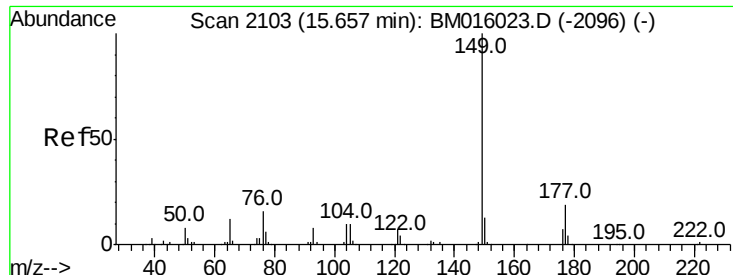
Sohil
 8/7/2018 6:56:17 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.301 ng
 RT: 15.43 min Scan# 2064
 Delta R.T. -0.05 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	73.6	0.0	0.0#
130	4.4	0.0	0.0#
166	39.5	0.0	0.0#





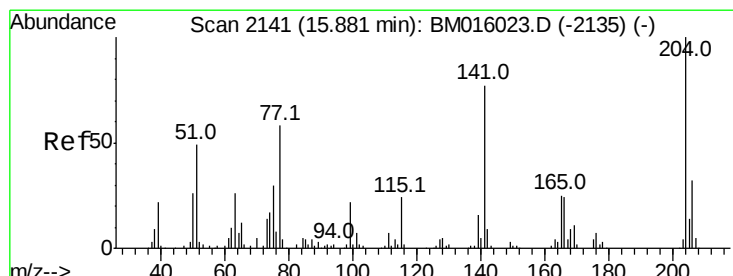
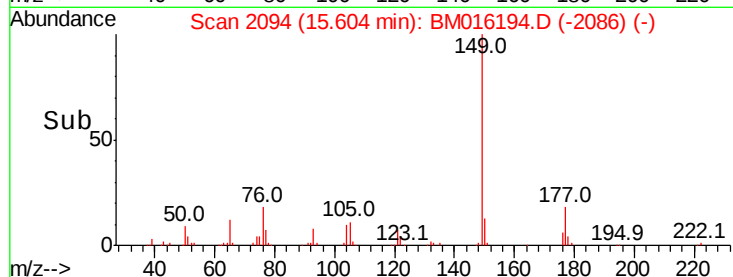
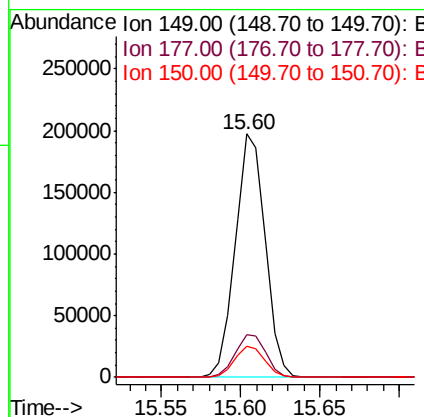
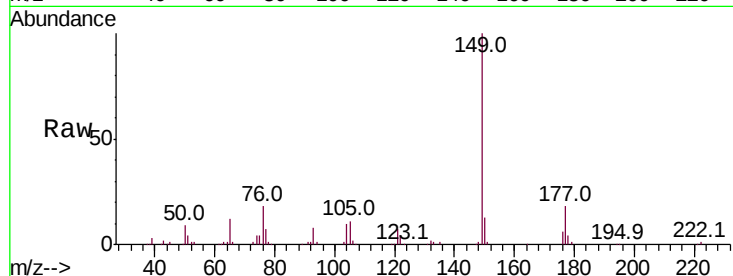
#59
Diethylphthalate
Concen: 46.397 ng
RT: 15.60 min Scan# 2094
Delta R.T. -0.05 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB111777BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	257774		
177	17.7	18.3	27.5#	
150	12.6	9.8	14.8	

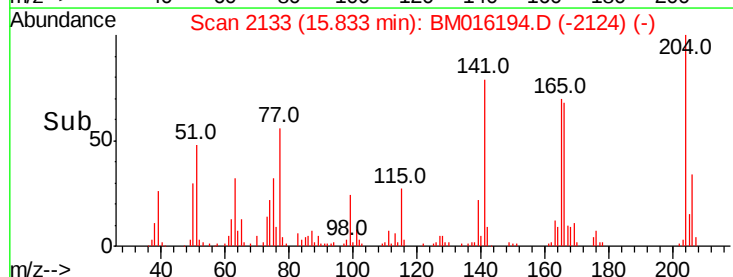
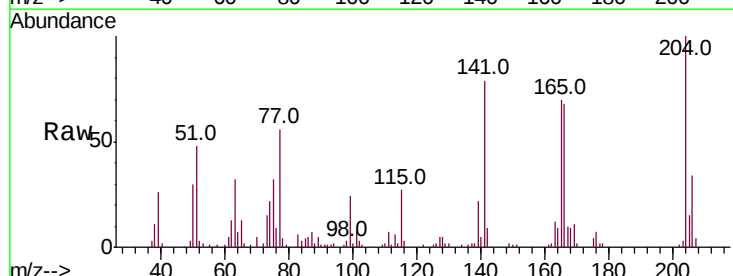
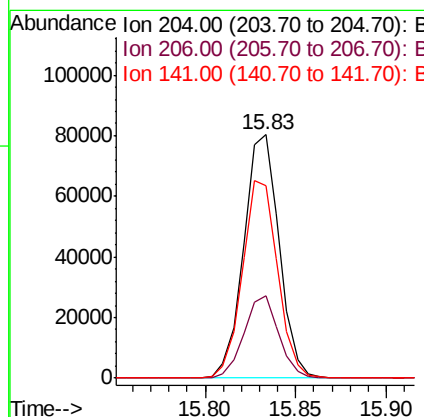
Manual Integrations
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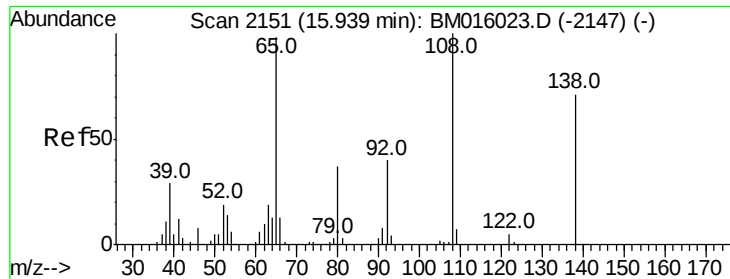
Sohil
8/7/2018 6:56:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.822 ng
RT: 15.83 min Scan# 2133
Delta R.T. -0.05 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	108659		
206	33.8	26.6	39.8	
141	79.0	45.2	67.8#	





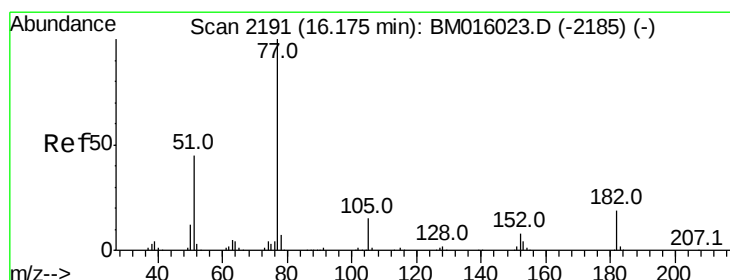
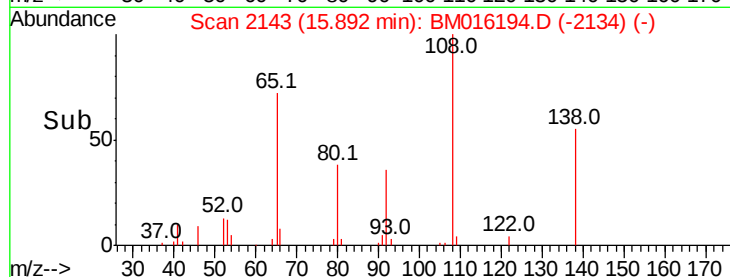
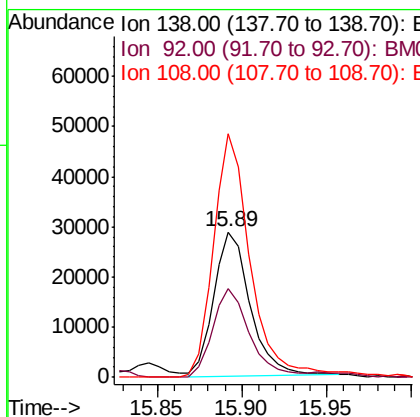
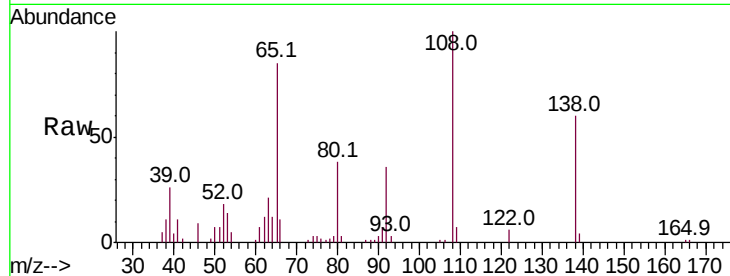
#61
 4-Nitroaniline
 Concen: 40.072 ng
 RT: 15.89 min Scan# 2143
 Delta R.T. -0.05 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.0	16.7	56.7#
108	167.7	37.6	77.6#

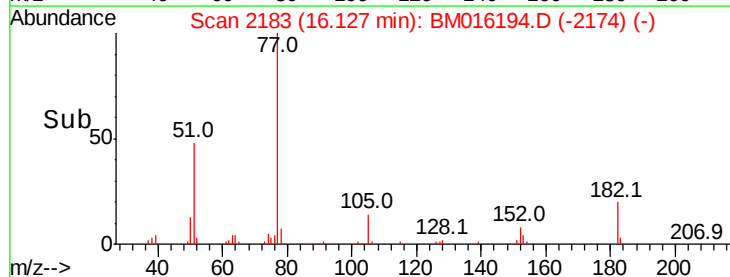
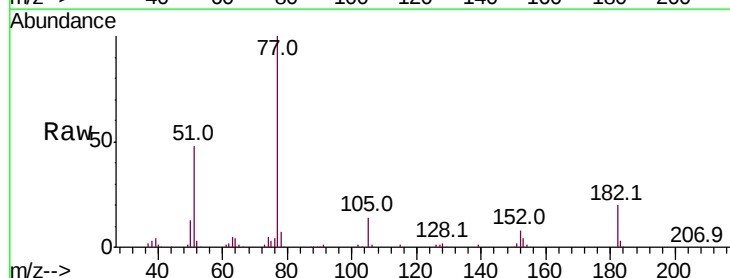
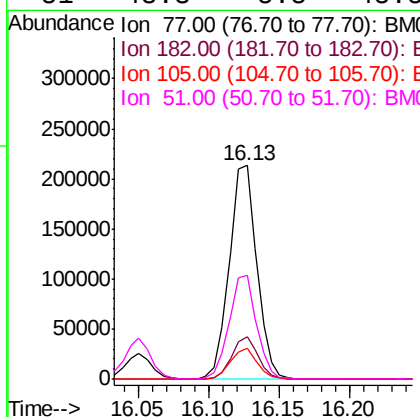
Manual Integrations
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#62
 Azobenzene
 Concen: 49.736 ng
 RT: 16.13 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.7	6.5	46.5
105	14.1	3.8	43.8
51	48.3	5.5	45.5#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2423

Delta R.T. -0.05 min

Lab File: BM016194.D

Acq: 06 Aug 2018 16:53

Instrument :

BNA_M

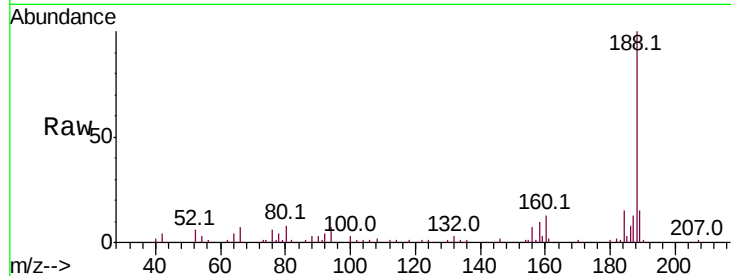
ClientSampleId :

PB111777BS

Tot Ion:188	Resp:	123992
Ion Ratio	Lower	Upper
188 100		
94 7.0	8.7	13.1#
80 8.2	9.3	13.9#

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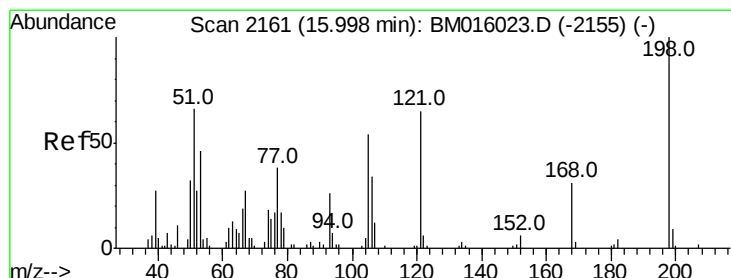
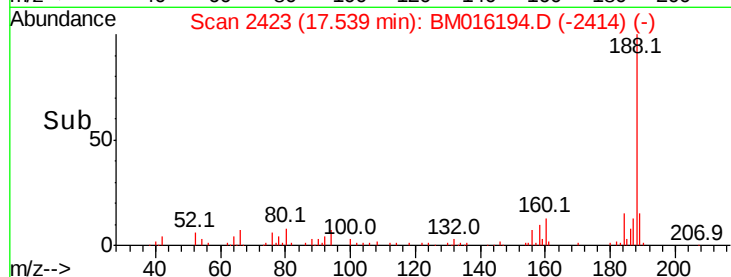
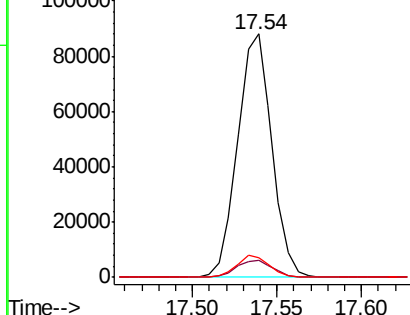
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.268 ng

RT: 15.95 min Scan# 2153

Delta R.T. -0.05 min

Lab File: BM016194.D

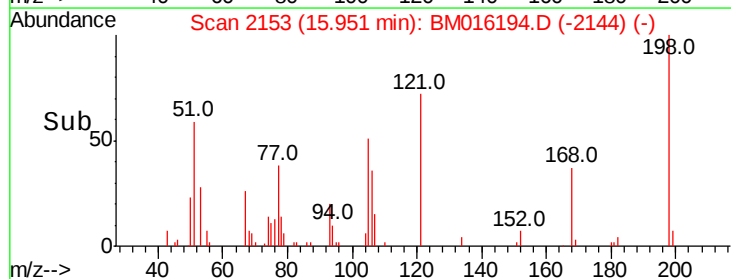
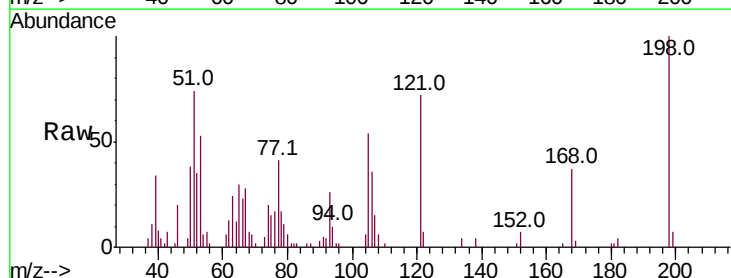
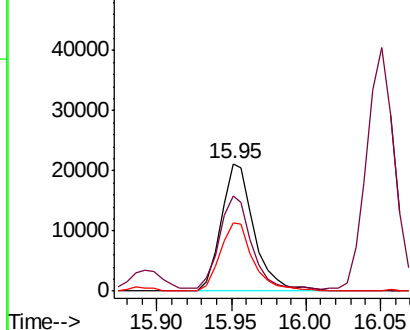
Acq: 06 Aug 2018 16:53

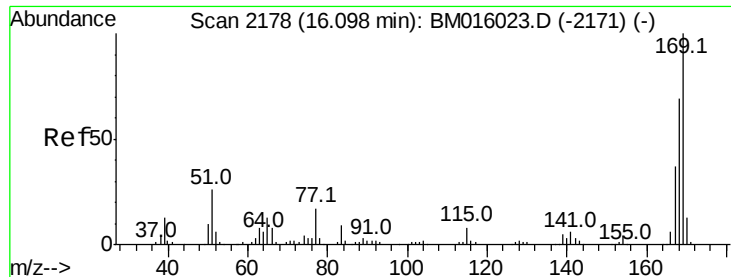
Tgt Ion:198	Resp:	32563
Ion Ratio	Lower	Upper
198 100		
51 74.5	28.8	68.8#
105 53.5	30.5	70.5

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





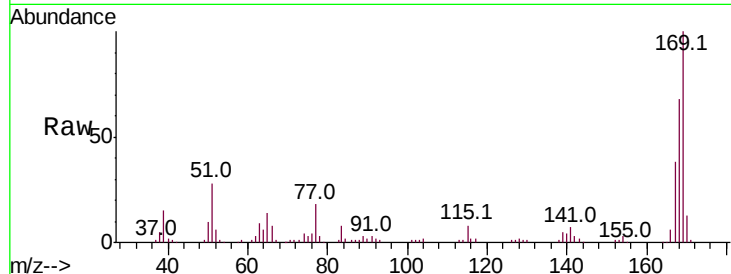
#65
 n-Nitrosodiphenylamine
 Concen: 45.385 ng
 RT: 16.05 min Scan# 2170
 Delta R.T. -0.05 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	185299		
168	68.4		53.9	80.9
167	38.3		28.9	43.3

Manual Integrations
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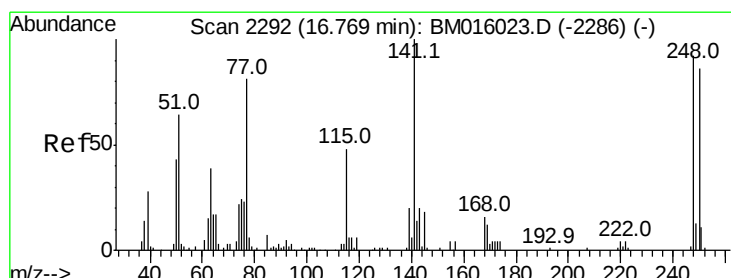
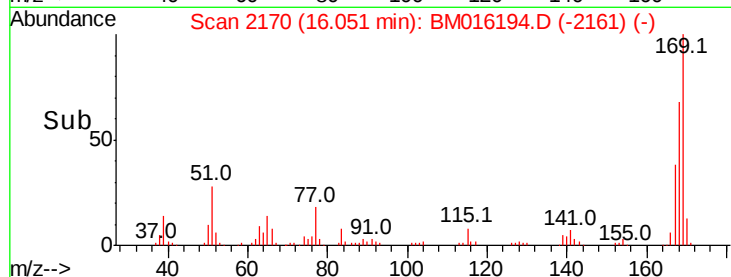
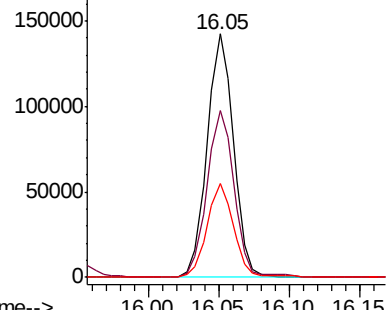


Abundance

Ion 169.00 (168.70 to 169.70): E

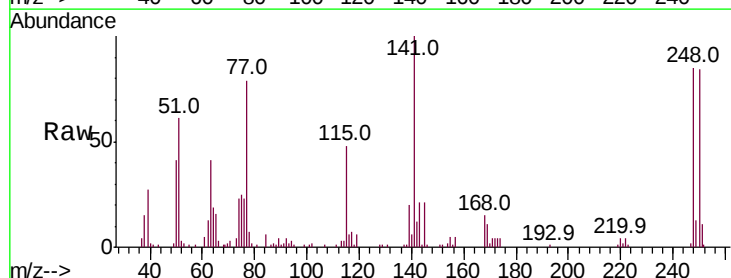
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 44.296 ng
 RT: 16.72 min Scan# 2284
 Delta R.T. -0.05 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	62192		
250	97.7		77.4	116.0
141	117.0		45.2	67.8#

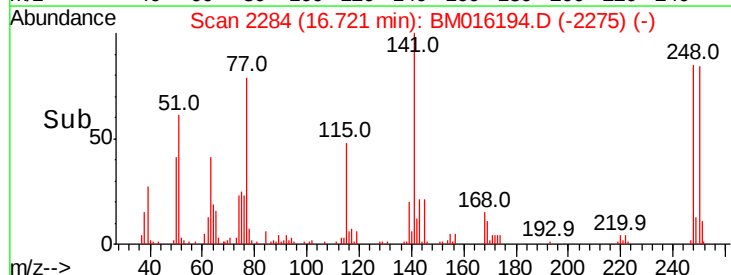
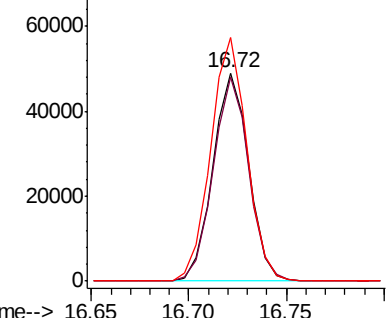


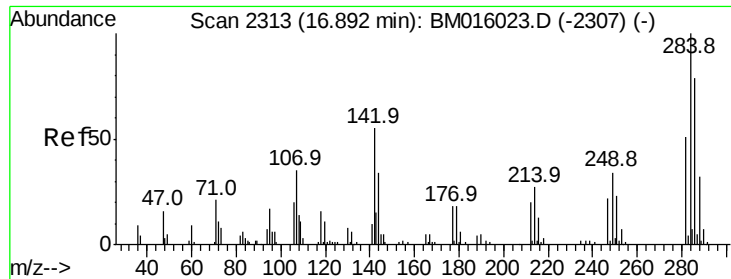
Abundance

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: 42.543 ng

RT: 16.84 min Scan# 2305

Delta R.T. -0.05 min

Lab File: BM016194.D

Acq: 06 Aug 2018 16:53

Instrument :

BNA_M

ClientSampleId :

PB111777BS

Tot Ion:284 Resp: 65778

Ion Ratio Lower Upper

284 100

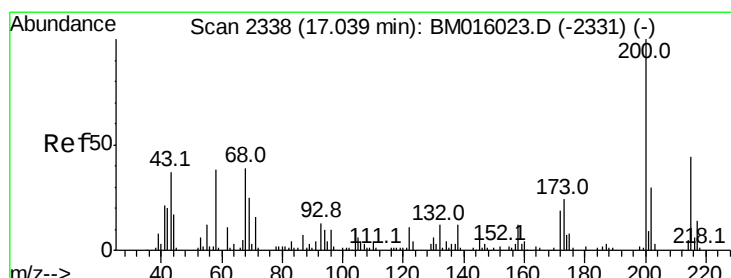
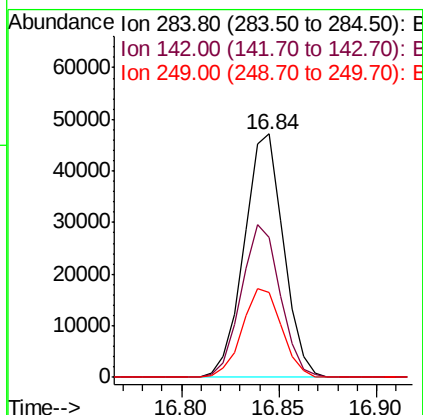
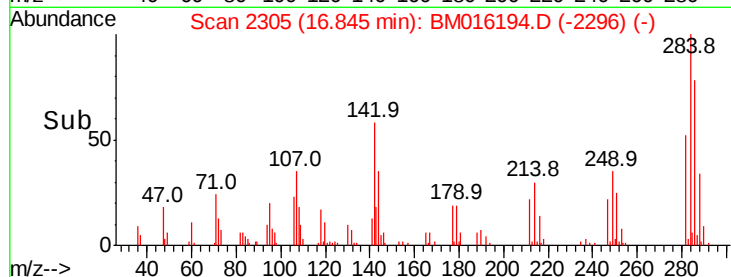
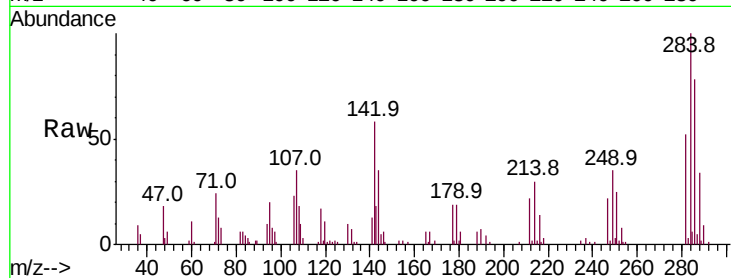
142 57.7 20.4 30.6#

249 35.0 23.8 35.6

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#68

Atrazine

Concen: 47.070 ng

RT: 16.99 min Scan# 2330

Delta R.T. -0.05 min

Lab File: BM016194.D

Acq: 06 Aug 2018 16:53

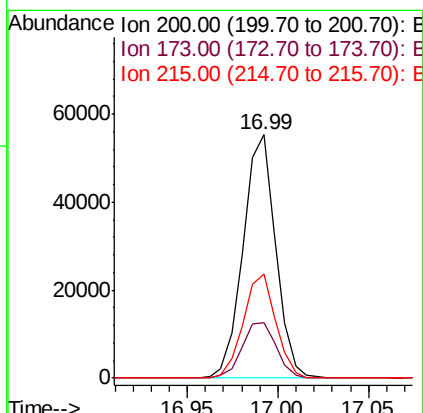
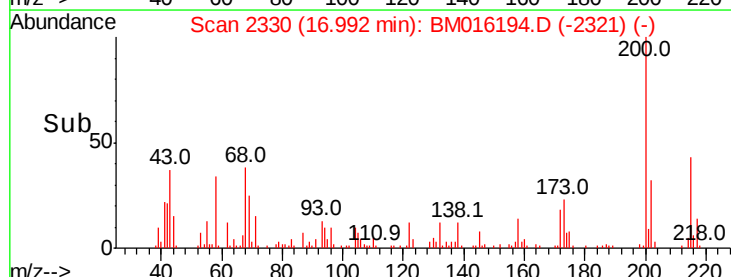
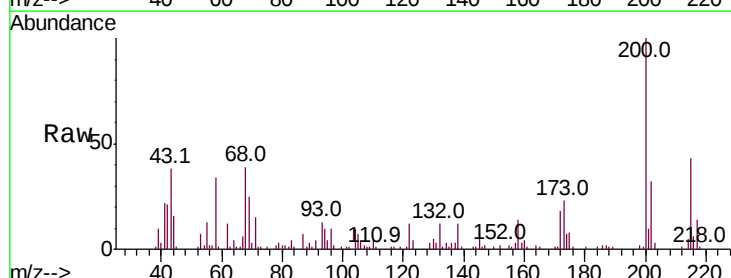
Tgt Ion:200 Resp: 68879

Ion Ratio Lower Upper

200 100

173 23.0 4.8 44.8

215 42.8 26.9 66.9





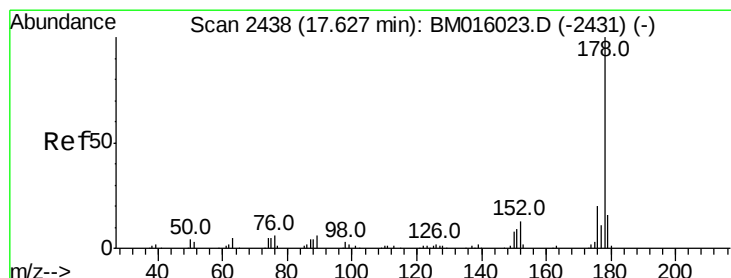
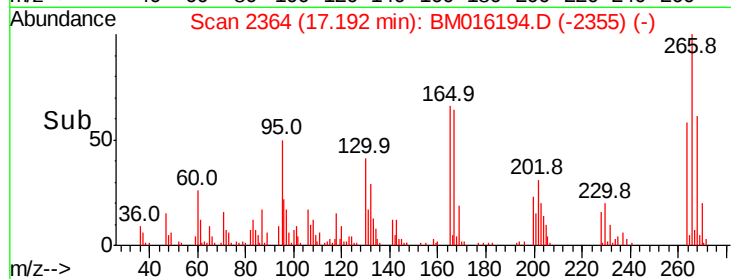
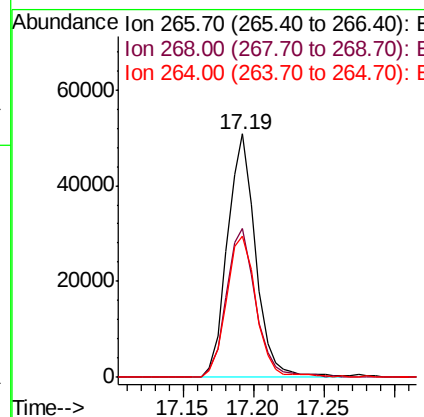
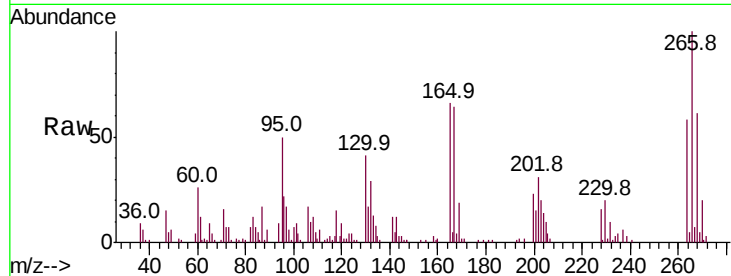
#69
 Pentachlorophenol
 Concen: 73.824 ng
 RT: 17.19 min Scan# 2364
 Delta R.T. -0.05 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.2	52.0	78.0
264	58.0	49.0	73.4

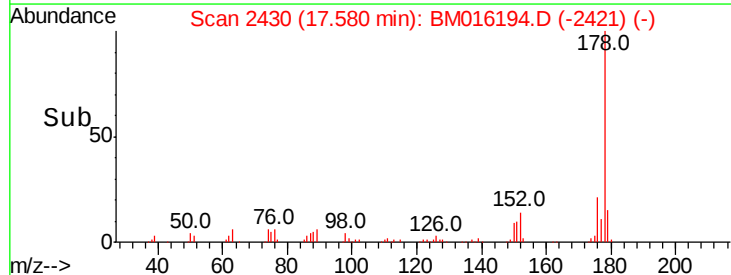
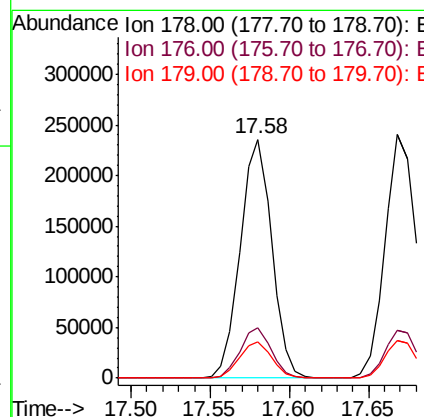
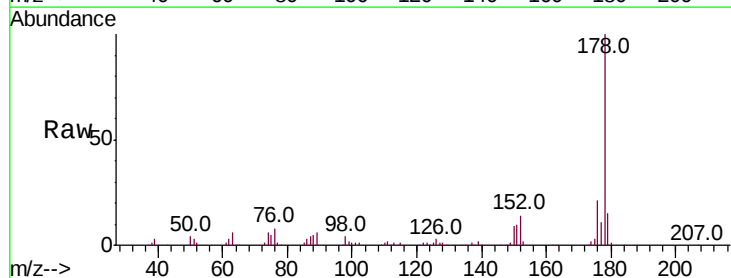
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#70
 Phenanthrene
 Concen: 47.036 ng
 RT: 17.58 min Scan# 2430
 Delta R.T. -0.05 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.2	22.8
179	15.4	12.1	18.1





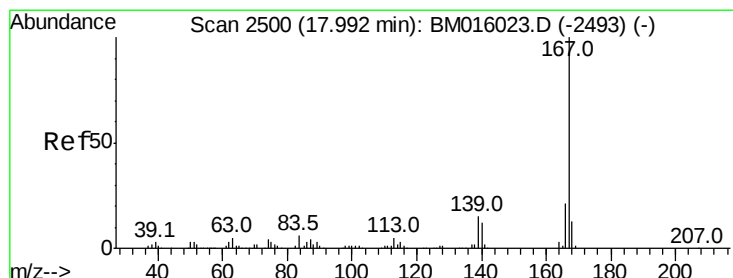
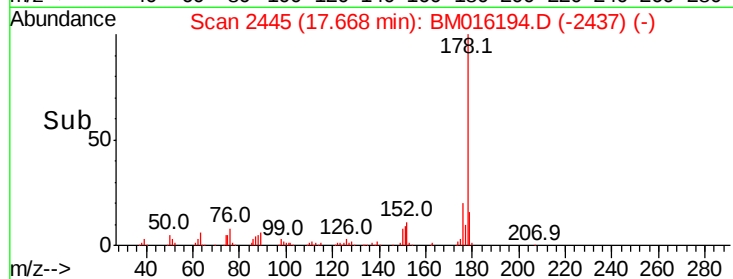
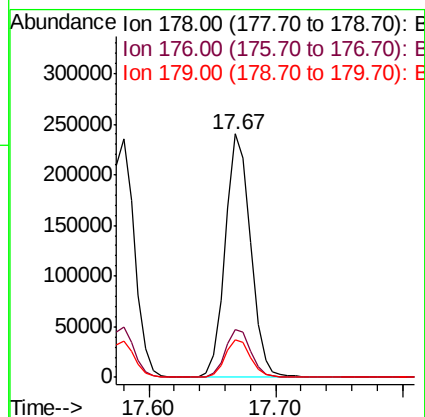
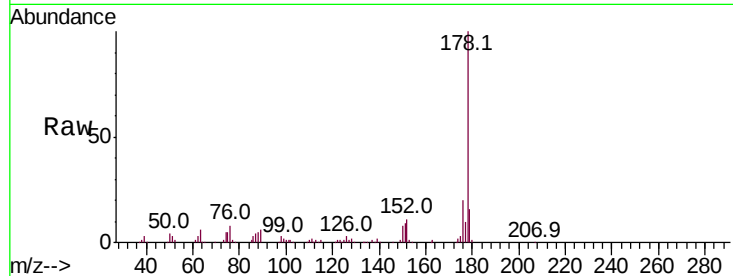
#71
 Anthracene
 Concen: 49.124 ng
 RT: 17.67 min Scan# 2445
 Delta R.T. -0.05 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.6	22.0
179	15.7	12.6	19.0

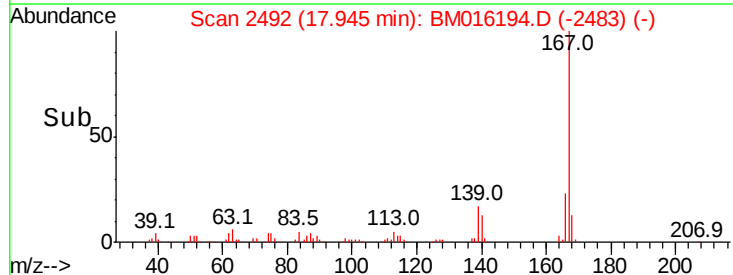
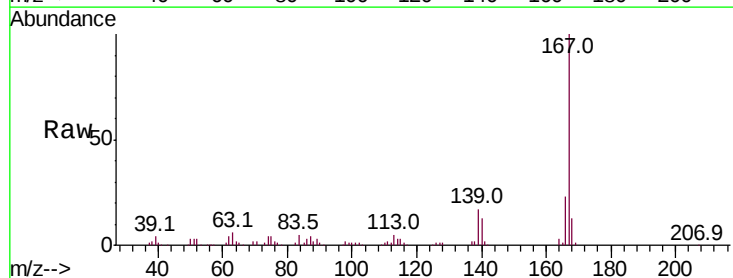
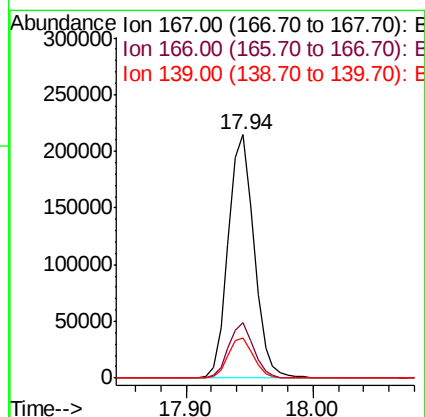
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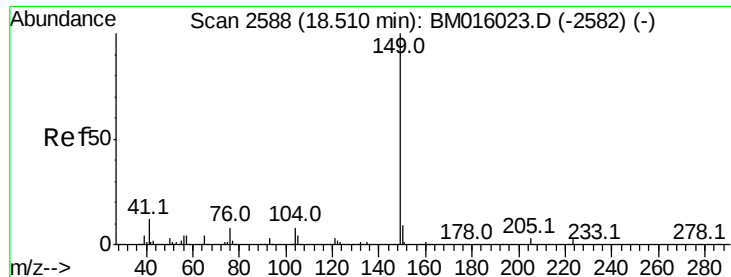
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#72
 Carbazole
 Concen: 43.342 ng
 RT: 17.94 min Scan# 2492
 Delta R.T. -0.05 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.2	25.8
139	16.7	10.8	16.2#





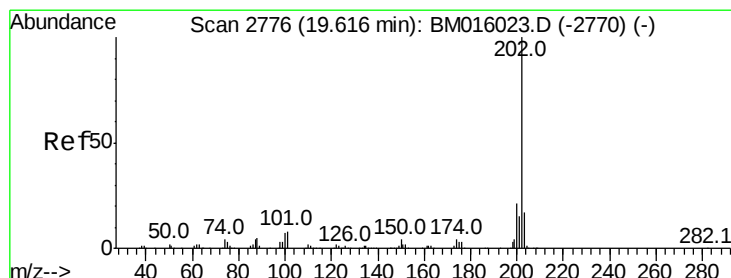
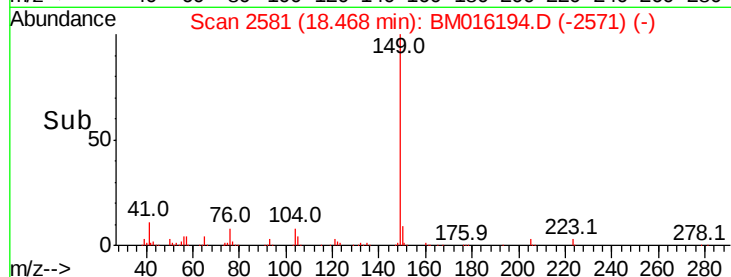
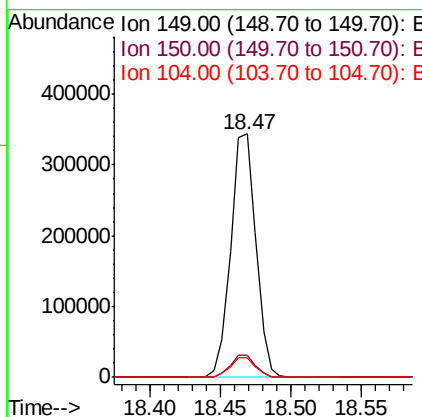
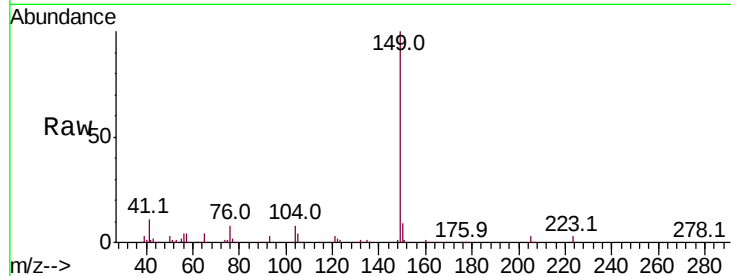
#73
Di-n-butylphthalate
Concen: 48.951 ng
RT: 18.47 min Scan# 2581
Delta R.T. -0.04 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB111777BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.0	7.5	11.3
104	7.9	3.7	5.5

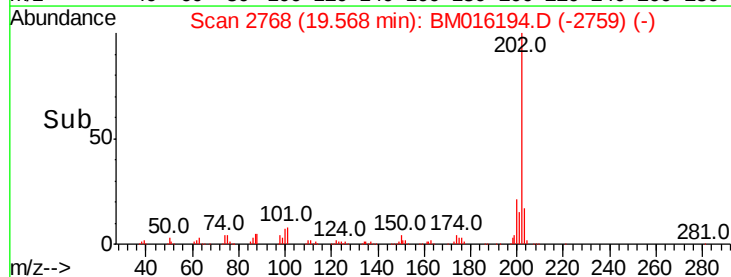
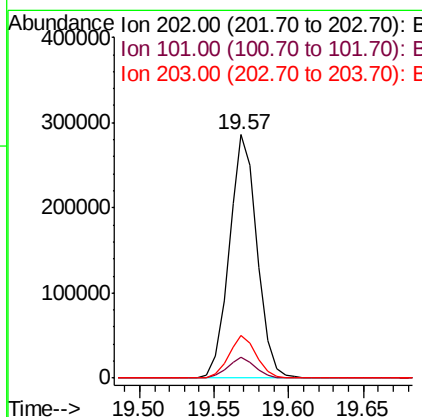
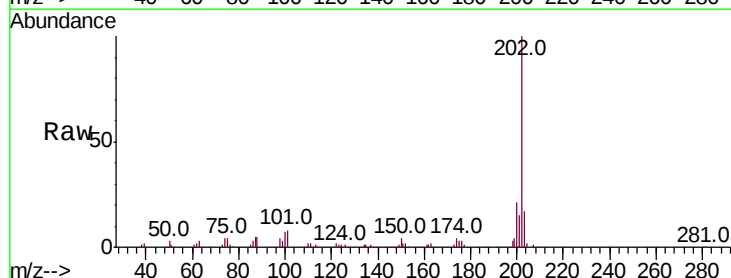
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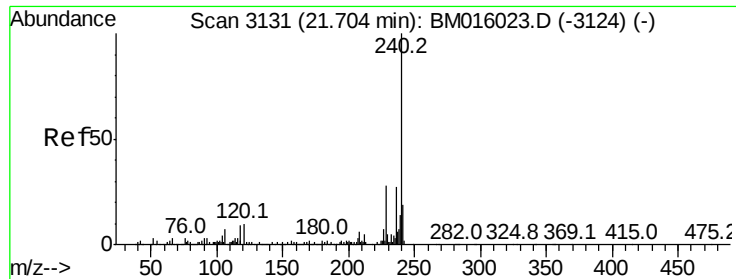
Sohil
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#74
Fluoranthene
Concen: 48.124 ng
RT: 19.57 min Scan# 2768
Delta R.T. -0.05 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.3	0.0	28.7
203	17.4	0.0	37.2





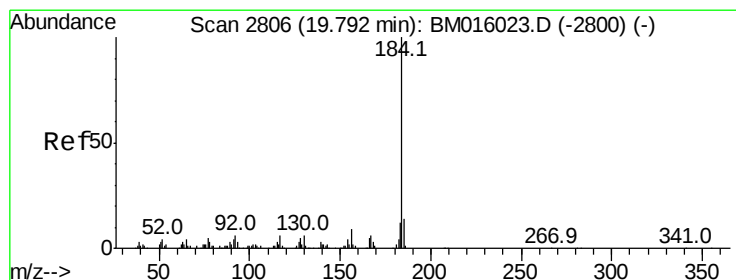
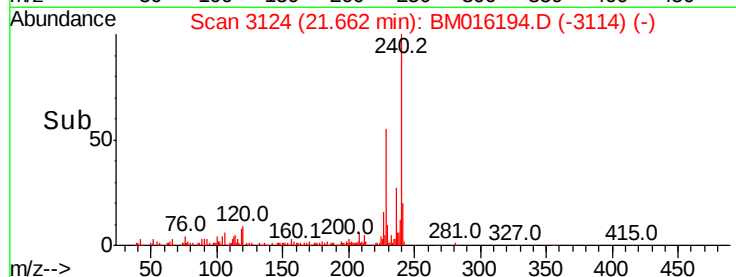
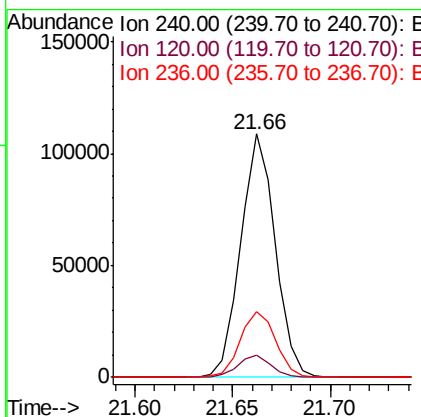
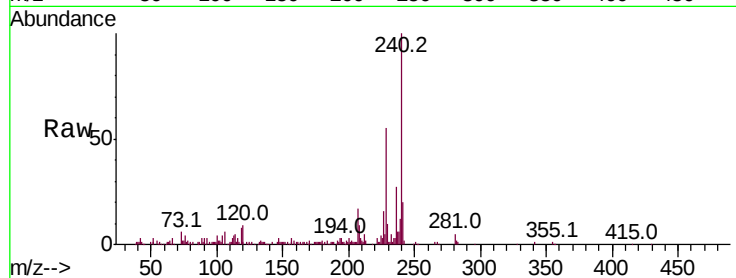
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3124
 Delta R.T. -0.04 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleID :
 PB111777BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.2	12.2
236	26.9	20.0	30.0

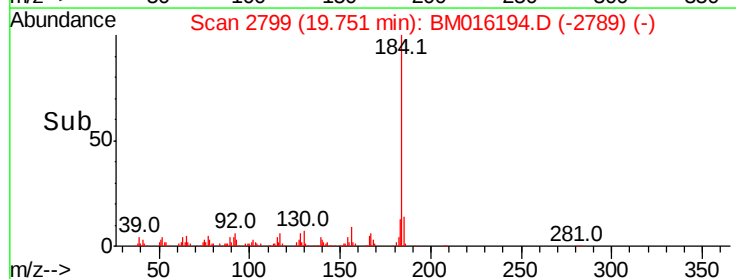
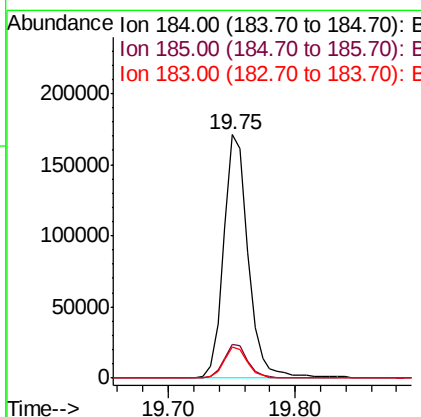
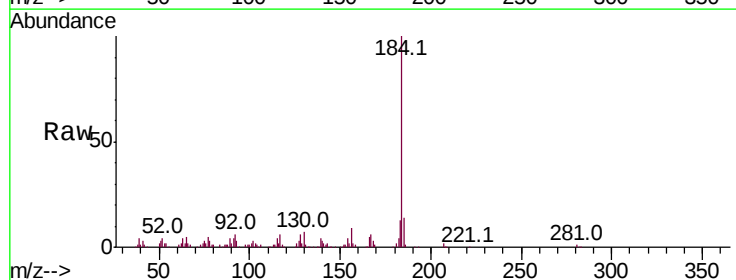
Manual Integrations
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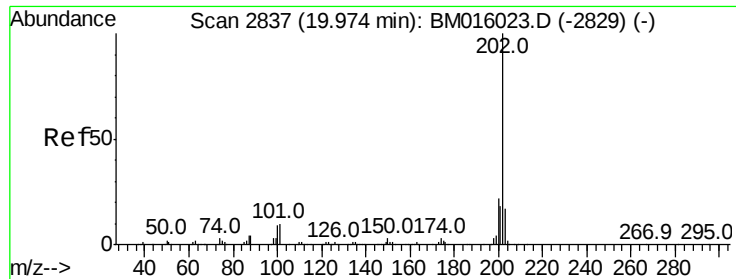
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#76
 Benzidine
 Concen: 61.597 ng
 RT: 19.75 min Scan# 2799
 Delta R.T. -0.04 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.3	16.9
183	12.6	8.9	13.3





#77

Pvrene

Concen: 47.697 ng

RT: 19.93 min Scan# 2829

Delta R.T. -0.05 min

Lab File: BM016194.D

Acq: 06 Aug 2018 16:53

Instrument :

BNA_M

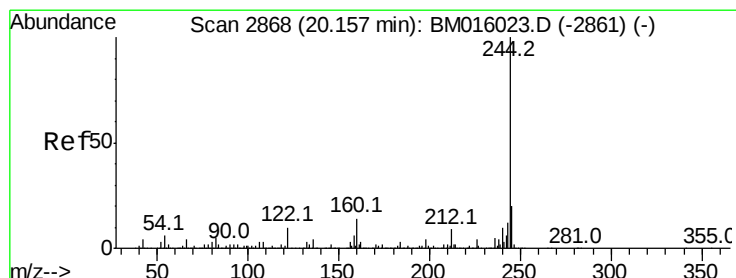
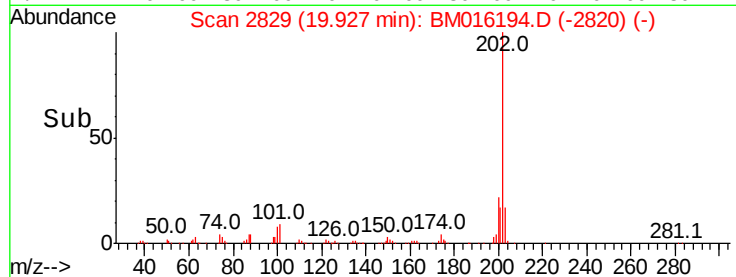
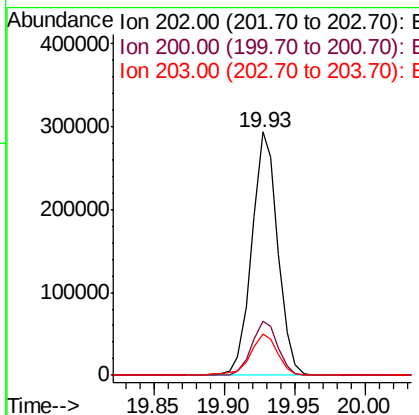
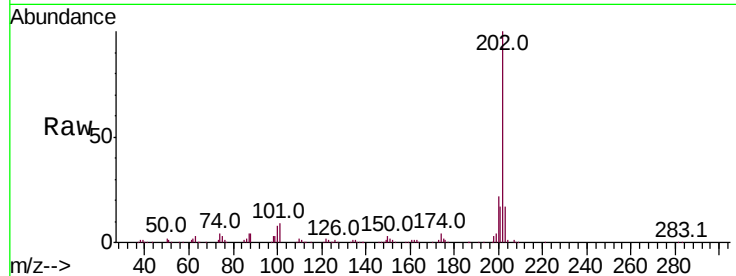
ClientSampleId :

PB111777BS

Tot Ion	Ion:202	Resp:	380085
Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	17.1	14.1	21.1

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#78

Terphenyl-d14

Concen: 47.697 ng

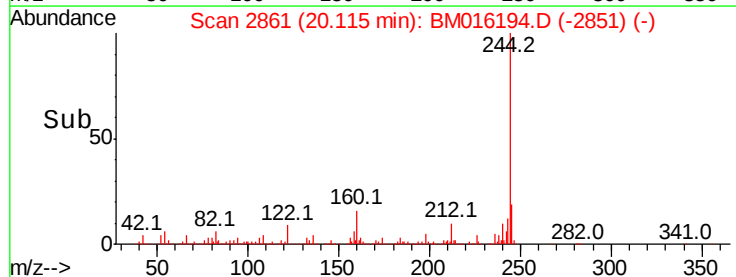
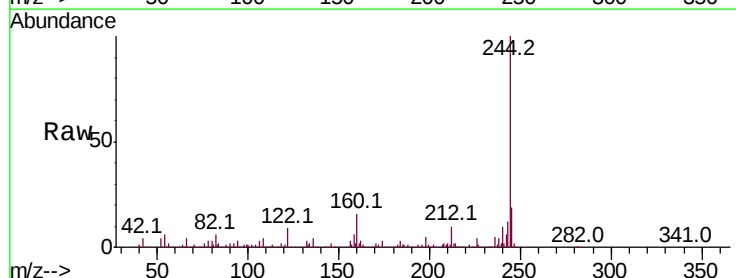
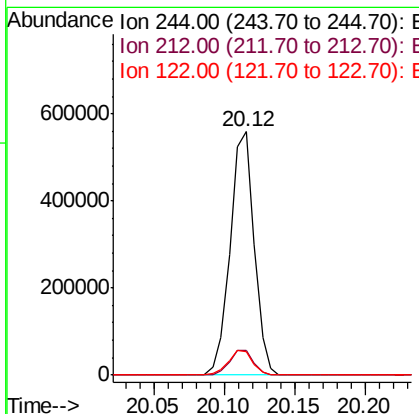
RT: 20.12 min Scan# 2861

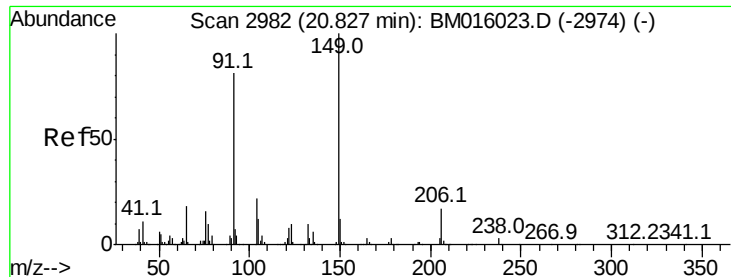
Delta R.T. -0.04 min

Lab File: BM016194.D

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Tgt Ion	Ion:244	Resp:	659978
Ion	Ratio	Lower	Upper
244	100		
212	10.1	4.9	7.3#
122	9.4	6.2	9.4#





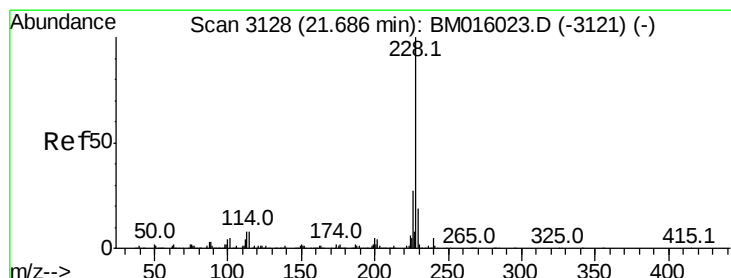
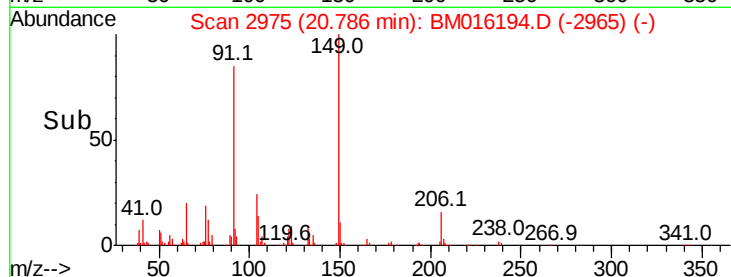
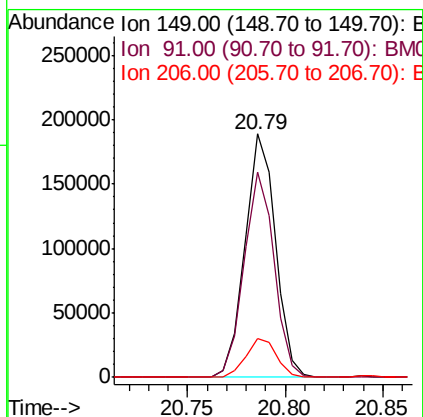
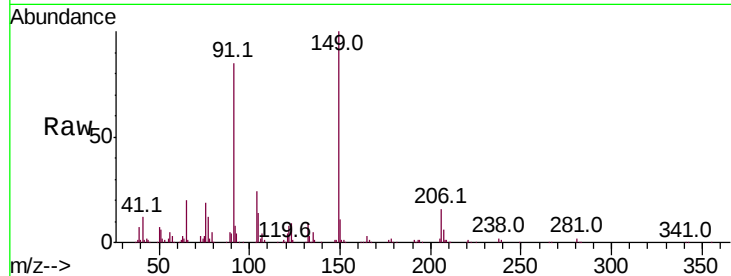
#79
Butylbenzylphthalate
Concen: 50.641 ng
RT: 20.79 min Scan# 2975
Delta R.T. -0.04 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB111777BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	84.5	50.1	75.1#
206	15.9	16.2	24.2#

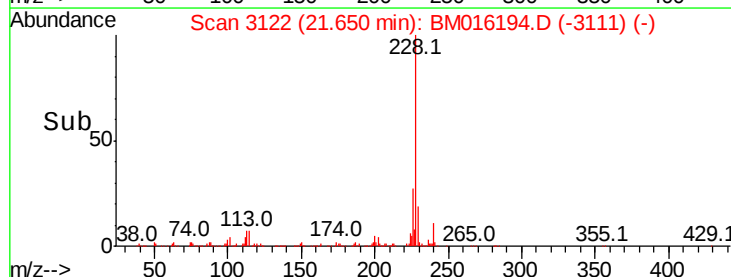
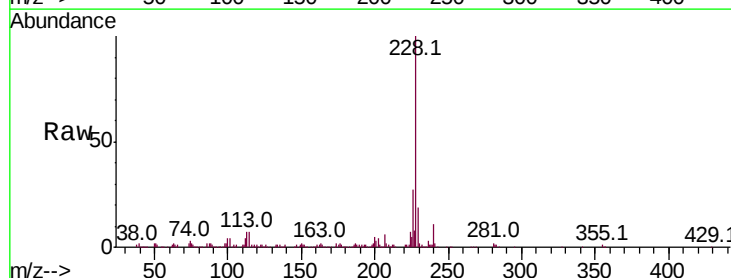
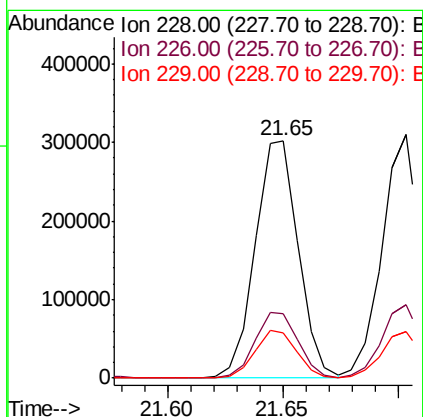
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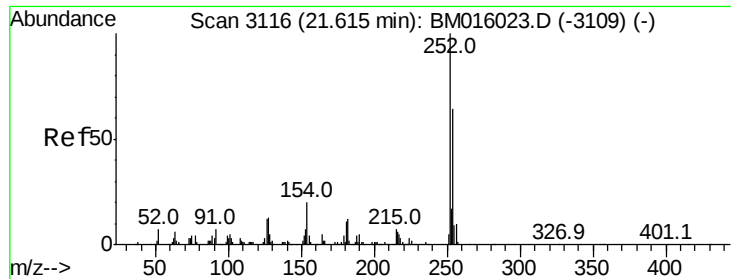
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#80
Benzo(a)anthracene
Concen: 47.919 ng
RT: 21.65 min Scan# 3122
Delta R.T. -0.04 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.2	16.0	24.0





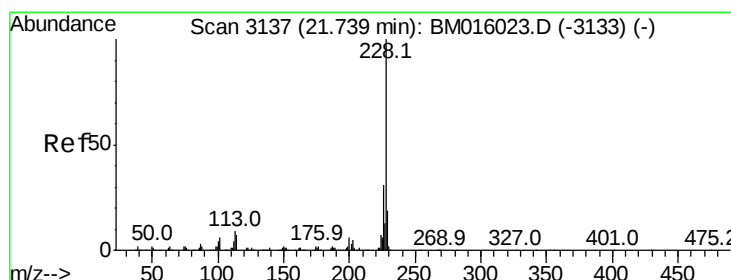
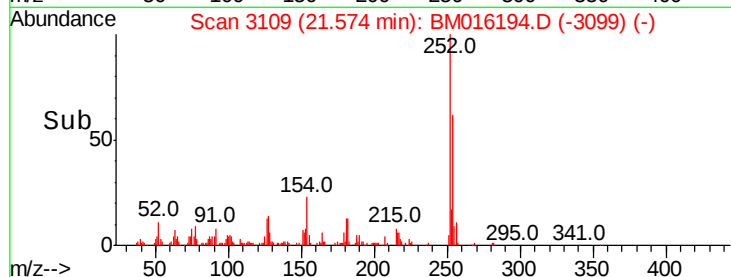
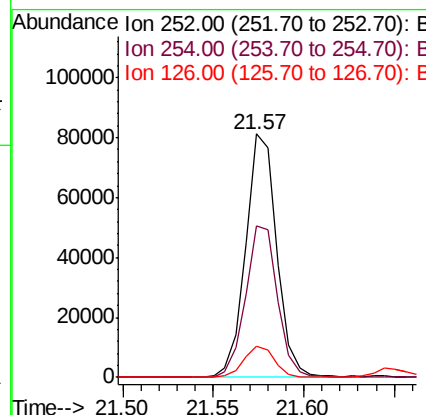
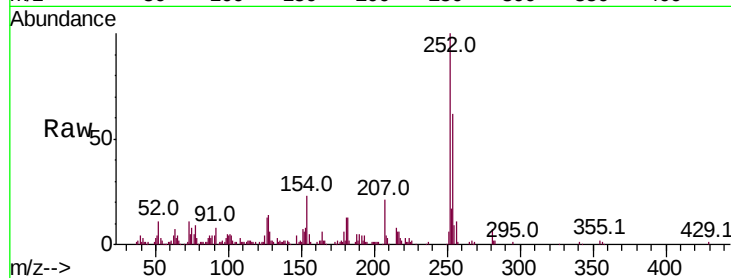
#81
 3,3'-Dichlorobenzidine
 Concen: 29.326 ng
 RT: 21.57 min Scan# 3109
 Delta R.T. -0.04 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampled :
 PB111777BS

Tot Ion:	252	Resp:	96742
Ion Ratio	Lower	Upper	
252	100		
254	62.1	51.9	77.9
126	12.9	9.8	14.8

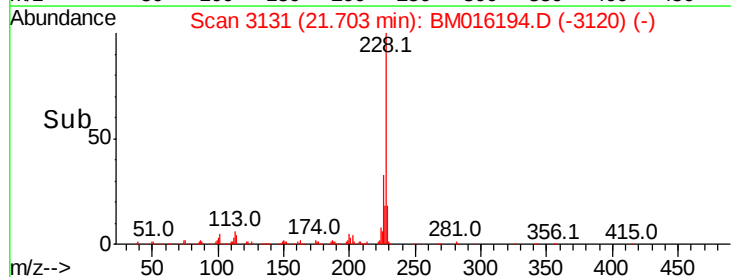
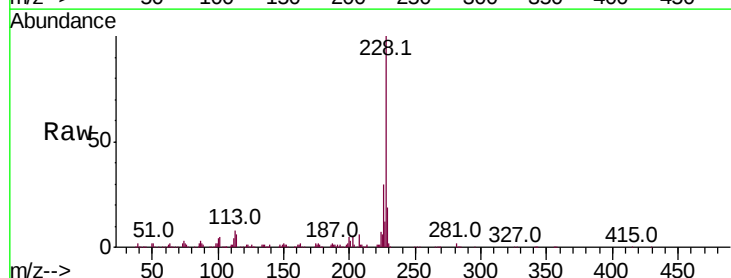
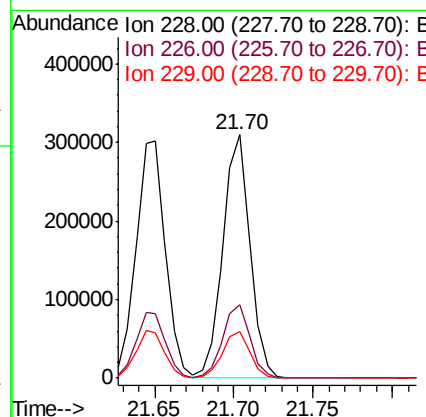
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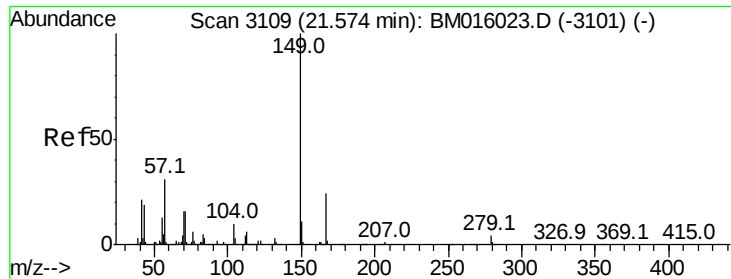
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#82
 Chrysene
 Concen: 46.848 ng
 RT: 21.70 min Scan# 3131
 Delta R.T. -0.04 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Tgt Ion:	228	Resp:	368055
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.1	36.1
229	19.2	15.5	23.3





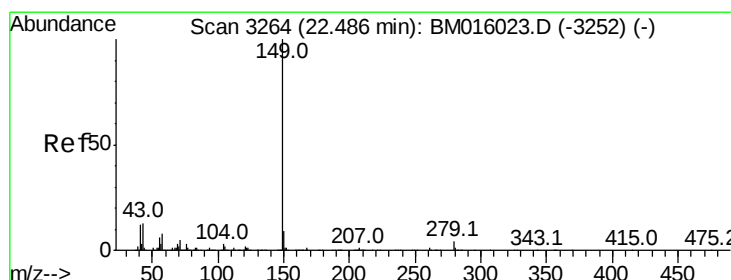
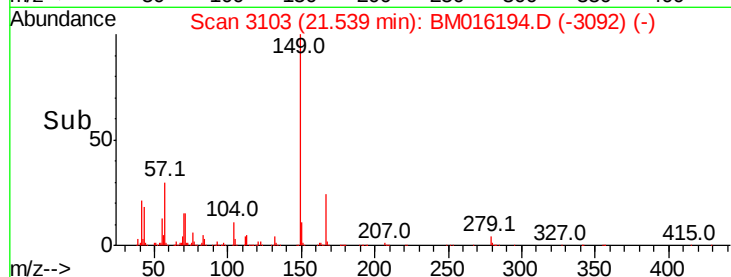
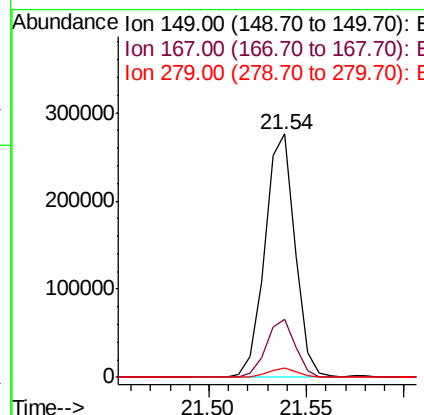
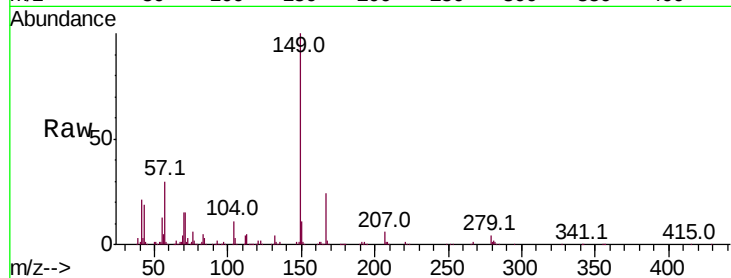
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.865 ng
 RT: 21.54 min Scan# 3103
 Delta R.T. -0.04 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	292552		
167	24.0		22.4	33.6
279	3.7		3.4	5.0

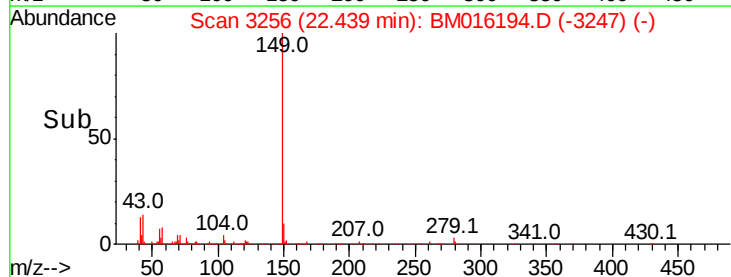
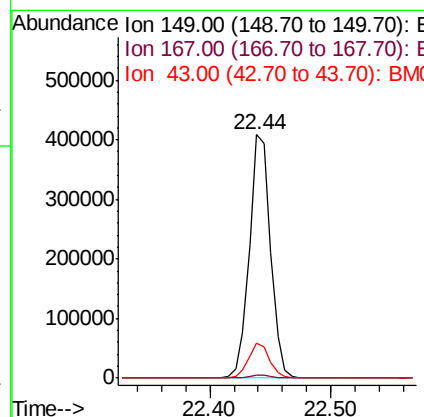
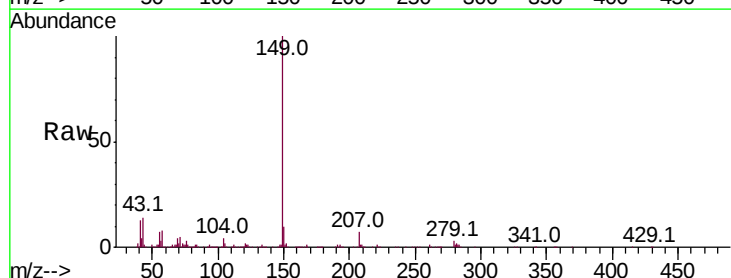
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#84
 Di-n-octyl phthalate
 Concen: 50.532 ng
 RT: 22.44 min Scan# 3256
 Delta R.T. -0.05 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	498258		
167	1.5		1.2	1.8
43	14.3		7.3	10.9#





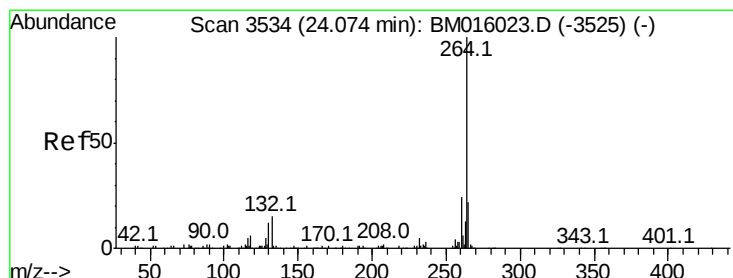
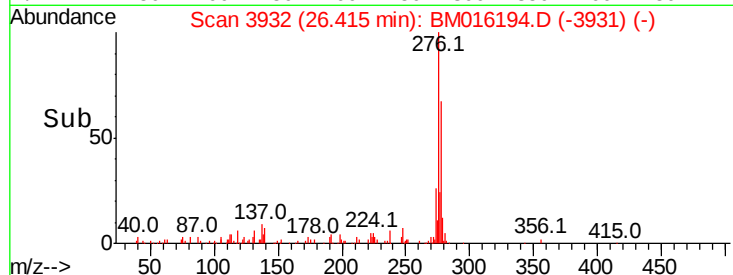
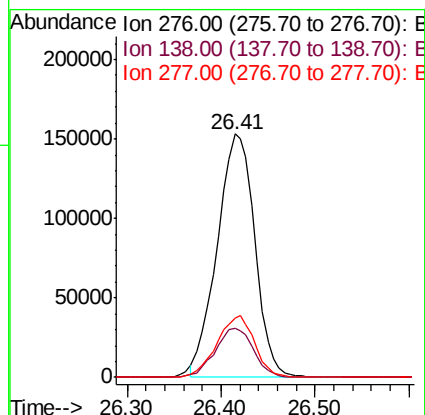
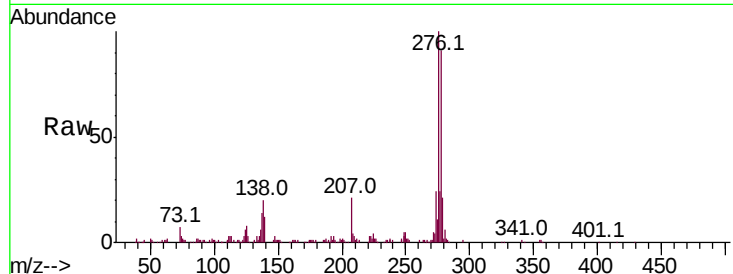
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.776 ng
 RT: 26.41 min Scan# 3932
 Delta R.T. -0.09 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	12.0	18.0#
277	25.0	20.0	30.0

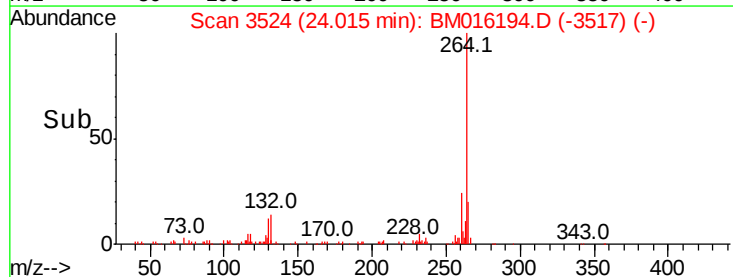
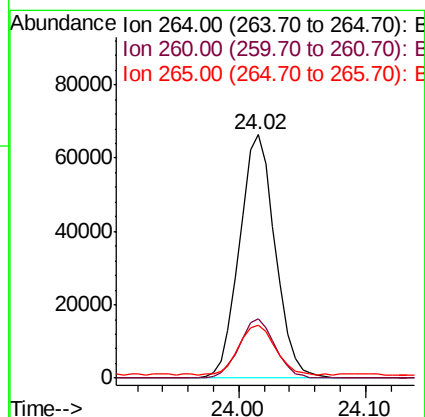
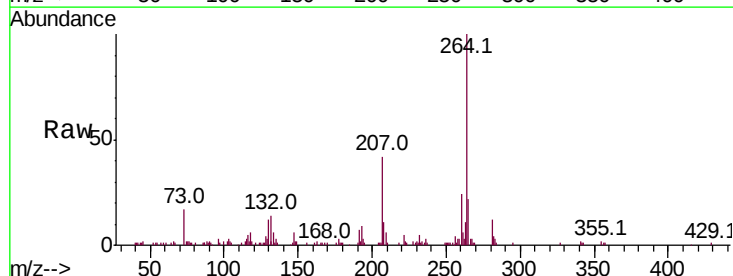
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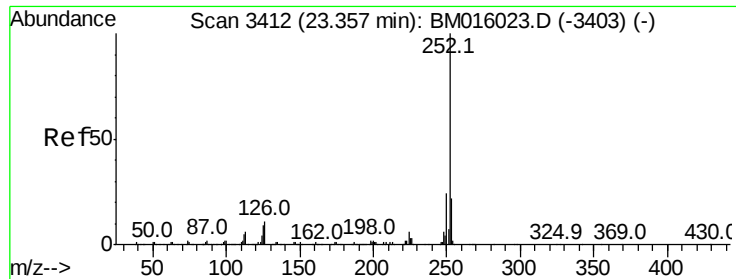
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.02 min Scan# 3524
 Delta R.T. -0.06 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	21.6	17.3	25.9





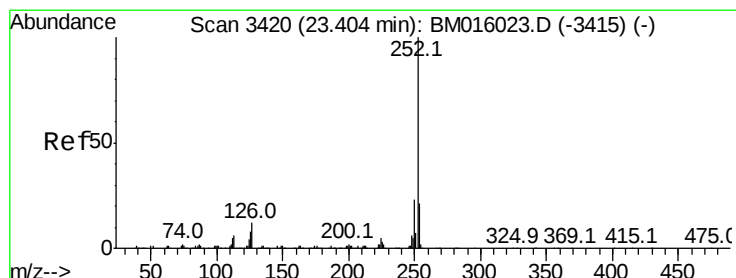
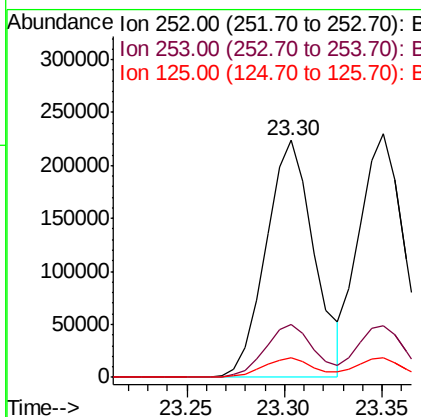
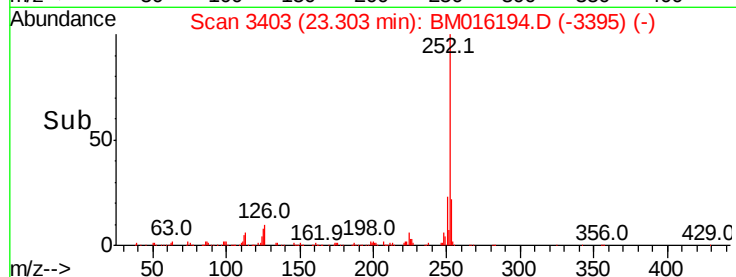
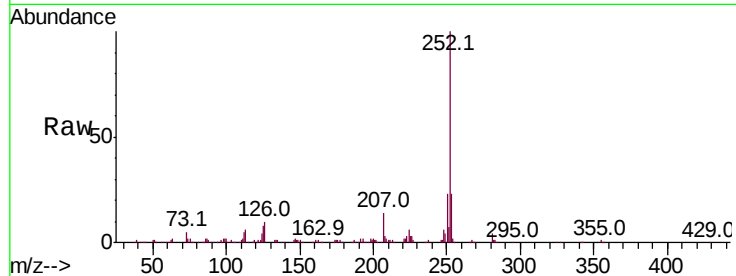
#87
Benzo(b)fluoranthene
Concen: 50.250 ng
RT: 23.30 min Scan# 3403
Delta R.T. -0.05 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB111777BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	18.0	27.0
125	8.4	9.9	14.9#

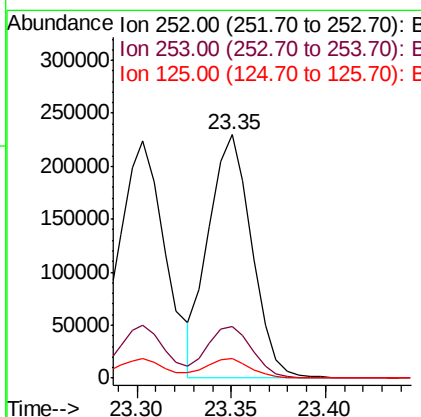
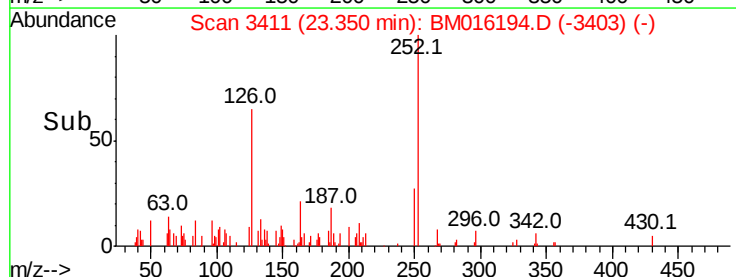
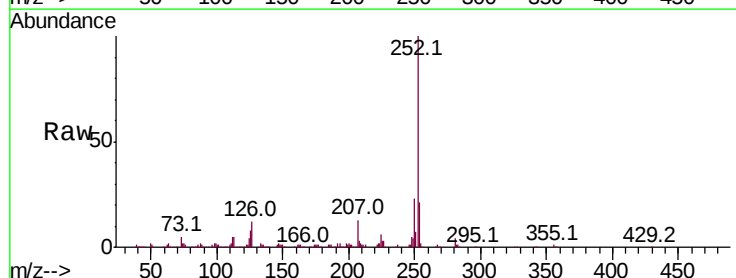
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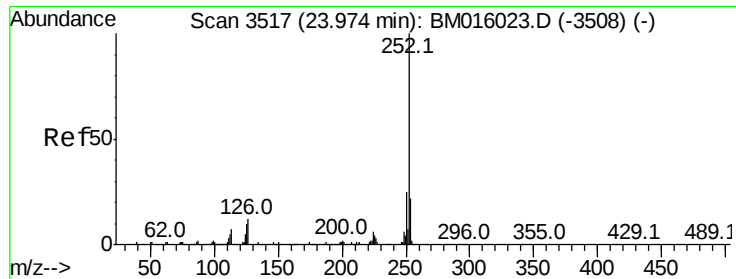
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#88
Benzo(k)fluoranthene
Concen: 47.340 ng m
RT: 23.35 min Scan# 3411
Delta R.T. -0.05 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.1	17.2	25.8
125	7.9	8.1	12.1#





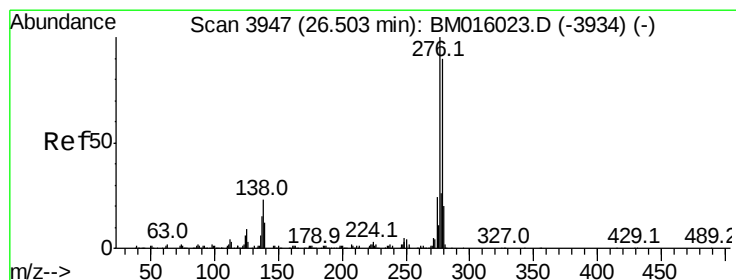
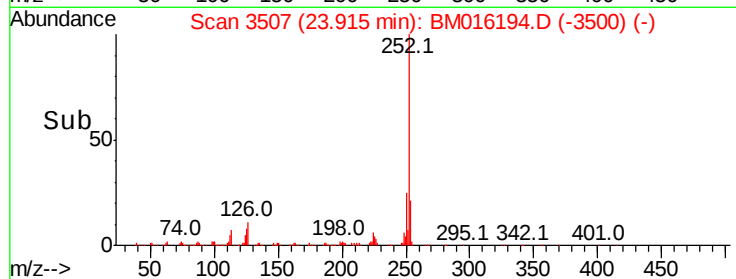
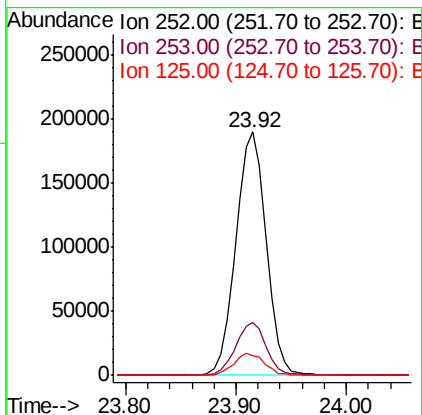
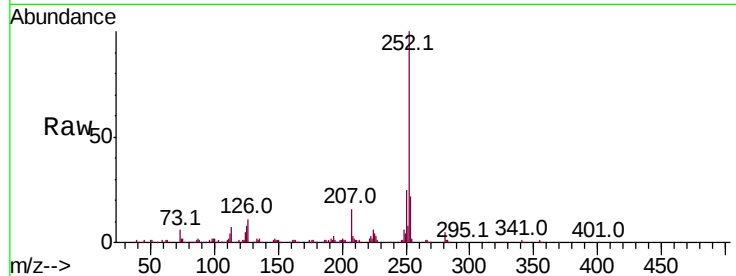
#89
Benzo(a)pyrene
Concen: 49.926 ng
RT: 23.92 min Scan# 3507
Delta R.T. -0.06 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB111777BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	8.2	7.4	11.2

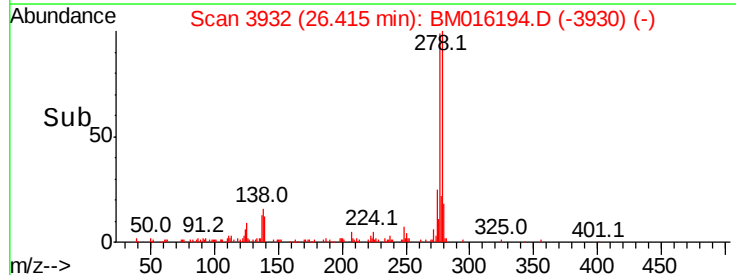
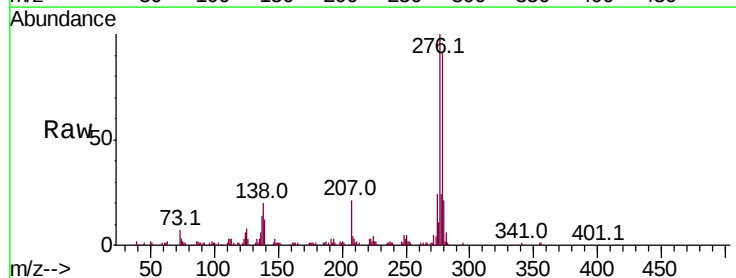
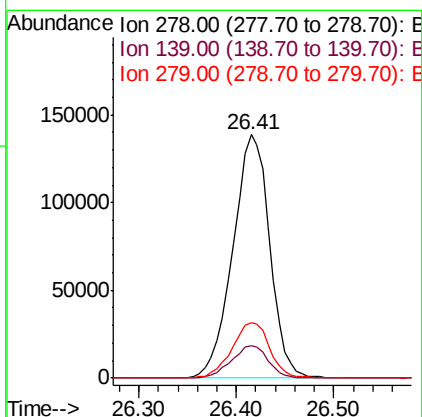
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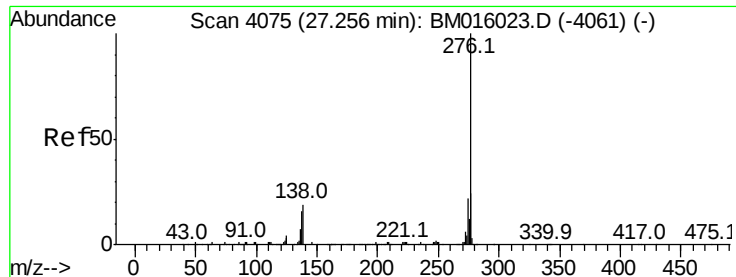
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#90
Dibenzo(a,h)anthracene
Concen: 48.060 ng
RT: 26.41 min Scan# 3932
Delta R.T. -0.09 min
Lab File: BM016194.D
Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	13.4	20.0
279	22.9	19.0	28.4





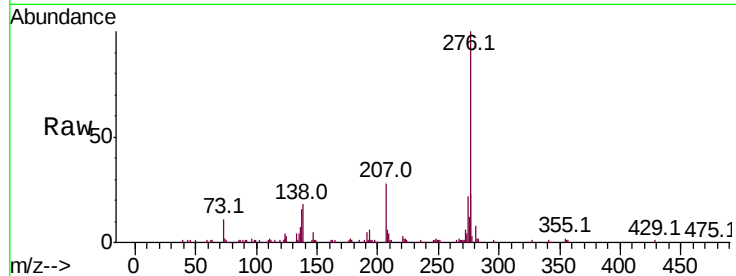
#91
 Benzo(a,h,i)perylene
 Concen: 47.865 ng
 RT: 27.16 min Scan# 4058
 Delta R.T. -0.10 min
 Lab File: BM016194.D
 Acq: 06 Aug 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB111777BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.5	27.7
138	18.0	19.0	28.6

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

