

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016266.D
 Acq On : 09 Aug 2018 02:51
 Operator : SJ/JU
 Sample : J4247-02MS 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-2MS

Manual Integrations
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Sohil
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Quant Time: Aug 09 05:47:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 16:23:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	33099	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	137371	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	74182	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	153469	20.00	ng	0.00
75) Chrysene-d12	21.63	240	158342	20.00	ng	0.00
86) Perylene-d12	23.97	264	168720	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	18948	9.51	ng	0.00
7) Phenol-d6	7.30	99	25361	9.75	ng	0.00
23) Nitrobenzene-d5	9.32	82	20413	6.91	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	8009	8.51	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	39641	6.50	ng	0.00
78) Terphenyl-d14	20.08	244	54532	7.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	2222	2.380	ng	# 100
4) n-Nitrosodimethylamine	3.85	42	4618	2.633	ng	# 27
8) 2-Chlorophenol	7.70	128	7726	3.262	ng	# 96
9) Benzaldehyde	7.29	77	6489	3.549	ng	# 88
10) Phenol	7.33	94	8066	3.100	ng	# 93
11) bis(2-Chloroethyl)ether	7.56	93	5781	2.812	ng	# 89
12) 1,3-Dichlorobenzene	8.02	146	8888	3.206	ng	# 84
13) 1,4-Dichlorobenzene	8.17	146	8561	3.045	ng	# 85
14) 1,2-Dichlorobenzene	8.49	146	8632	3.138	ng	# 89
15) Benzyl Alcohol	8.41	79	6038	2.914	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.66	45	9814	3.120	ng	# 58
17) 2-Methylphenol	8.60	107	5918	3.328	ng	# 69
18) Hexachloroethane	9.20	117	3704	3.048	ng	# 92
19) n-Nitroso-di-n-propylamine	8.95	70	7337	3.858	ng	# 55
20) 3+4-Methylphenols	8.93	107	7096	2.773	ng	# 61
22) Acetophenone	8.98	105	10754	3.109	ng	# 76
24) Nitrobenzene	9.37	77	7909	2.660	ng	# 86
25) Isophorone	9.87	82	13007	3.220	ng	# 77
26) 2-Nitrophenol	10.08	139	4306	3.470	ng	# 1
27) 2,4-Dimethylphenol	10.13	122	7305	4.225	ng	# 83
28) bis(2-Chloroethoxy)methane	10.36	93	10153	3.867	ng	# 14
29) 2,4-Dichlorophenol	10.63	162	5729	2.788	ng	# 79
30) 1,2,4-Trichlorobenzene	10.82	180	7814	3.130	ng	# 84
31) Naphthalene	11.00	128	26003	3.740	ng	# 96
33) 4-Chloroaniline	11.15	127	6327	2.230	ng	# 47
34) Hexachlorobutadiene	11.26	225	5406	3.122	ng	# 90
35) Caprolactam	11.92	113	17829	31.331	ng	# 1
36) 4-Chloro-3-methylphenol	12.26	107	6289	2.783	ng	# 75
37) 2-Methylnaphthalene	12.60	142	16850	3.618	ng	# 84
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	8488	3.361	ng	# 100
42) 2,4,6-Trichlorophenol	13.22	196	4687	2.966	ng	# 91
43) 2,4,5-Trichlorophenol	13.31	196	3682	2.259	ng	# 1
45) 1,1'-Biphenyl	13.60	154	23488	3.508	ng	# 95
46) 2-Chloronaphthalene	13.66	162	17358	3.334	ng	# 70

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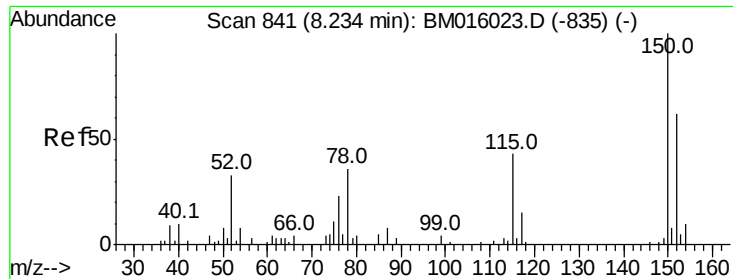
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Nitroaniline	13.88	65	5200	3.021	nq	# 45
48) Acenaphthylene	14.50	152	30176	3.959	nq	# 79
49) Dimethylphthalate	14.22	163	28492	4.389	nq	# 97
50) 2,6-Dinitrotoluene	14.36	165	5032	3.852	nq	# 77
51) Acenaphthene	14.83	154	16350	3.488	nq	# 91
52) 3-Nitroaniline	14.72	138	5010	3.551	nq	# 82
54) Dibenzofuran	15.17	168	25190	3.261	nq	# 67
56) 2,4-Dinitrotoluene	15.16	165	9277	4.967	nq	# 80
57) Fluorene	15.82	166	20898	3.640	nq	# 85
58) 2,3,4,6-Tetrachlorophenol	15.40	232	5282	3.770	nq	# 100
59) Diethylphthalate	15.57	149	32483	4.642	nq	# 91
60) 4-Chlorophenyl-phenylether	15.80	204	11884	3.719	nq	# 23
62) Azobenzene	16.09	77	23903	3.244	nq	# 77
65) n-Nitrosodiphenylamine	16.02	169	21106	4.177	nq	# 94
66) 4-Bromophenyl-phenylether	16.69	248	6496	3.738	nq	# 11
67) Hexachlorobenzene	16.81	284	6203	3.241	nq	# 6
68) Atrazine	16.96	200	9164	5.060	nq	# 84
69) Pentachlorophenol	17.16	266	5290	4.464	nq	# 90
70) Phenanthrene	17.55	178	29603	3.445	nq	# 83
71) Anthracene	17.64	178	29921	3.583	nq	# 85
72) Carbazole	17.92	167	32385	3.743	nq	# 74
73) Di-n-butylphthalate	18.43	149	38902	3.609	nq	# 90
74) Fluoranthene	19.54	202	34207	3.569	nq	# 94
77) Pyrene	19.90	202	42497	4.479	nq	# 97
79) Butylbenzylphthalate	20.76	149	16979	3.522	nq	# 70
80) Benzo(a)anthracene	21.62	228	37326	3.827	nq	# 99
81) 3,3'-Dichlorobenzidine	21.55	252	9666	2.461	nq	# 93
82) Chrysene	21.67	228	34271	3.663	nq	# 97
83) Bis(2-ethylhexyl)phthalate	21.51	149	27428	3.926	nq	# 92
84) Di-n-octyl phthalate	22.41	149	42404	3.611	nq	# 88
85) Indeno(1,2,3-cd)pyrene	26.36	276	41552	3.743	nq	# 95
87) Benzo(b)fluoranthene	23.26	252	38086	3.834	nq	# 95
88) Benzo(k)fluoranthene	23.31	252	37748m	3.750	nq	# 99
89) Benzo(a)pyrene	23.87	252	36595	3.832	nq	# 96
90) Dibenzo(a,h)anthracene	26.35	278	34718	3.509	nq	# 90
91) Benzo(a,h,i)perylene	27.10	276	34015	3.635	nq	# 90

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



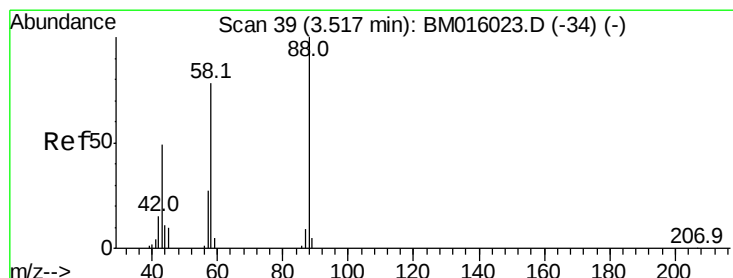
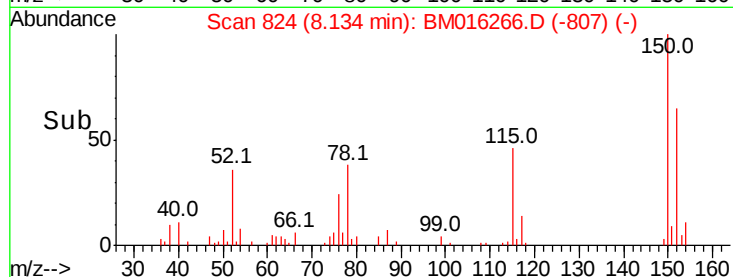
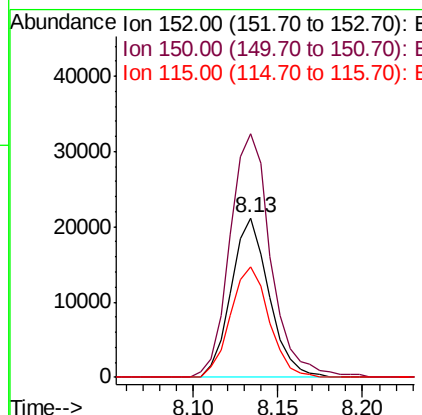
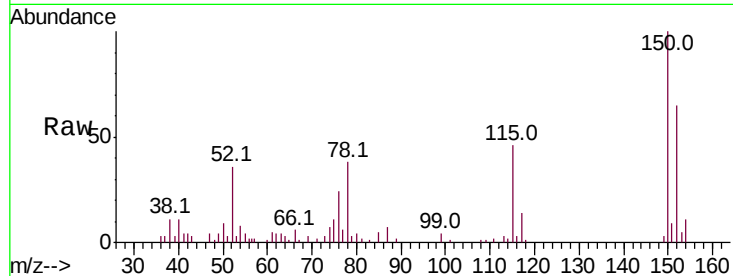
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Instrument :
 BNA_M
 ClientSampled :
 S-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	119.5	179.3
115	69.7	43.0	64.4

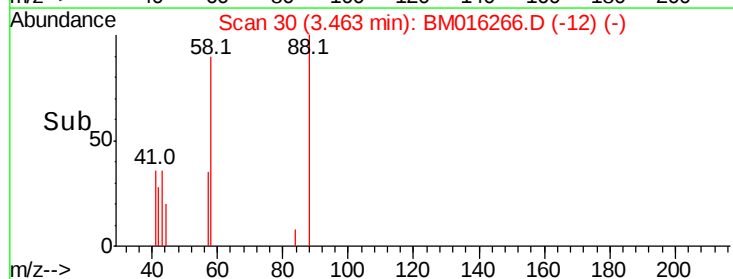
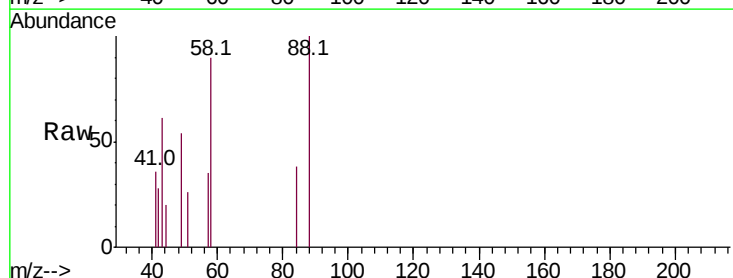
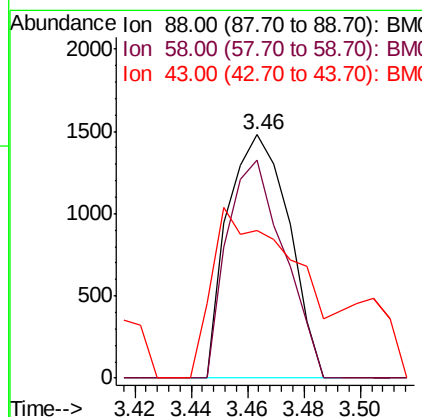
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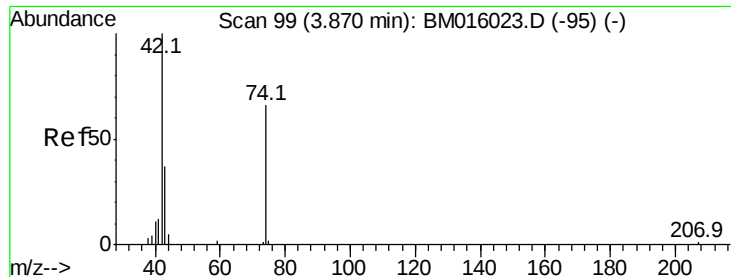
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#2
 1,4-Dioxane
 Concen: 2.380 ng
 RT: 3.46 min Scan# 30
 Delta R.T. 0.01 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.8	0.0	0.0
43	99.7	0.0	0.0





#4

n-Nitrosodimethylamine

Concen: 2.633 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.04 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

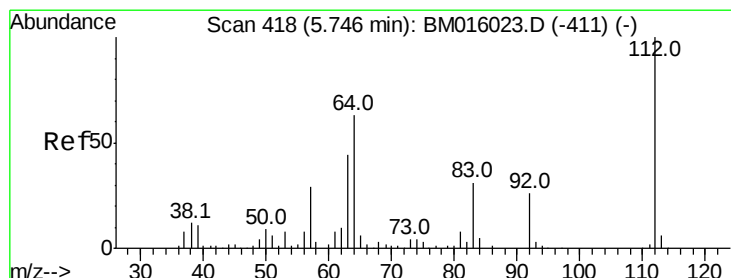
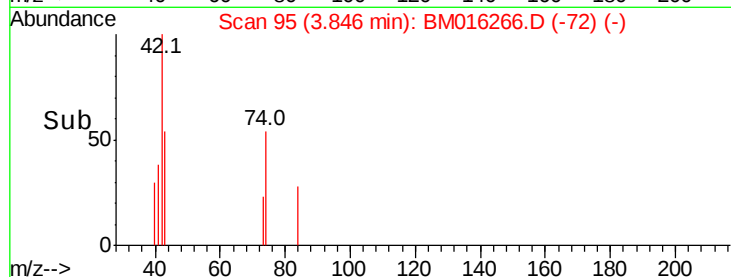
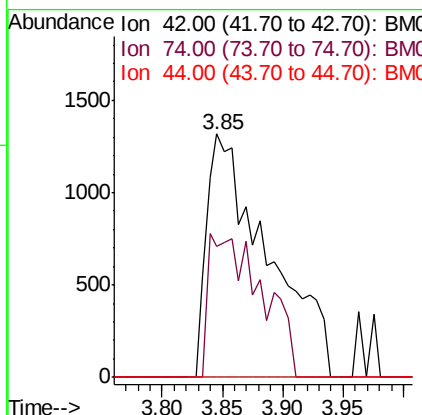
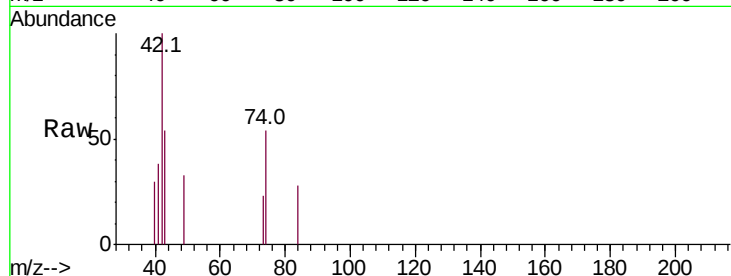
ClientSampled :

S-2MS

Tot Ion:	42	Resp:	4618
Ion Ratio	Lower	Upper	
42	100		
74	53.9	119.3	178.9#
44	0.0	5.4	8.2#

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#5

2-Fluorophenol

Concen: 2.633 ng

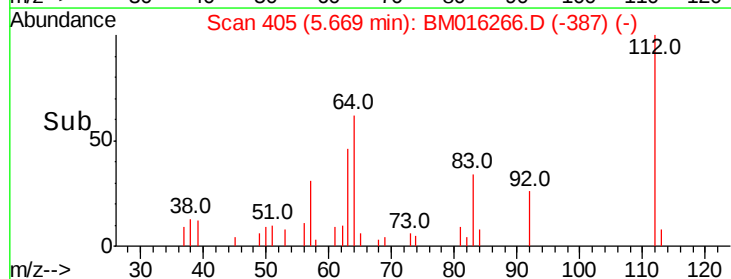
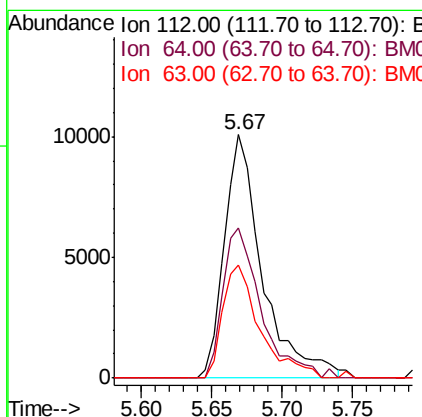
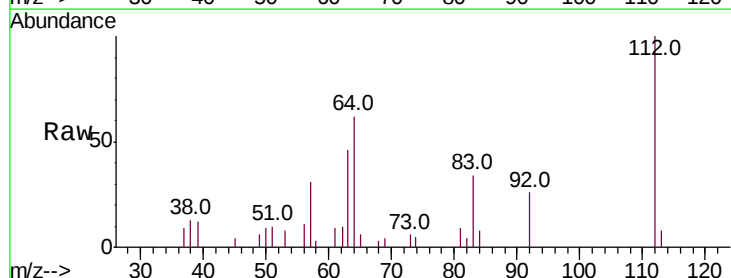
RT: 5.67 min Scan# 405

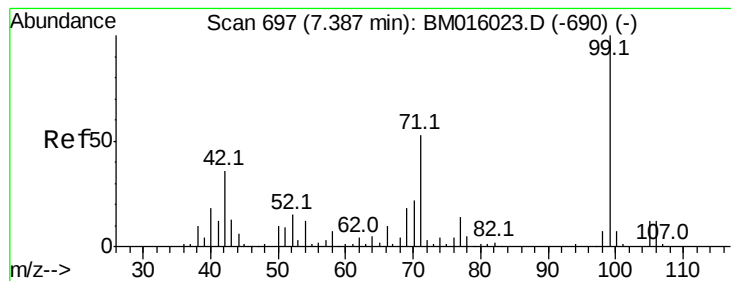
Delta R.T. 0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion:	112	Resp:	18948
Ion Ratio	Lower	Upper	
112	100		
64	61.6	38.6	57.8#
63	46.4	19.3	28.9#





#7

Phenol-d6

Concen: Below na

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

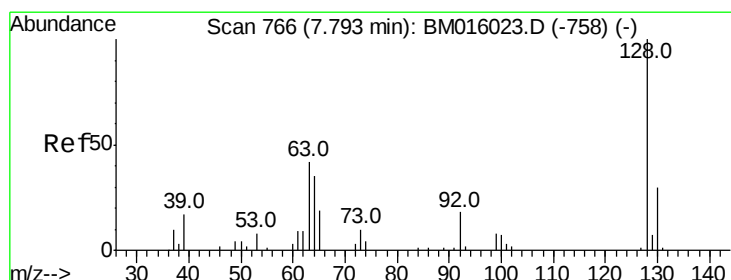
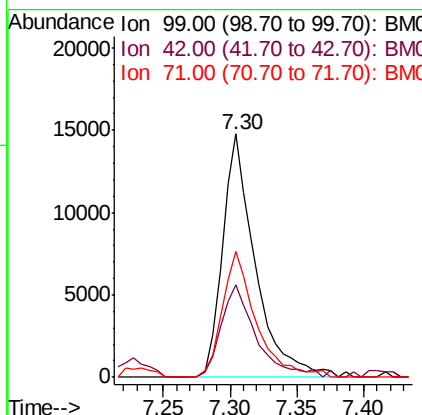
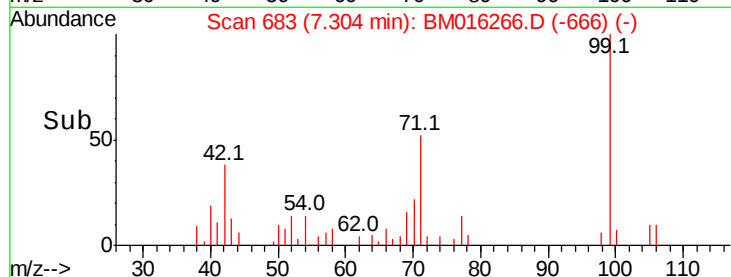
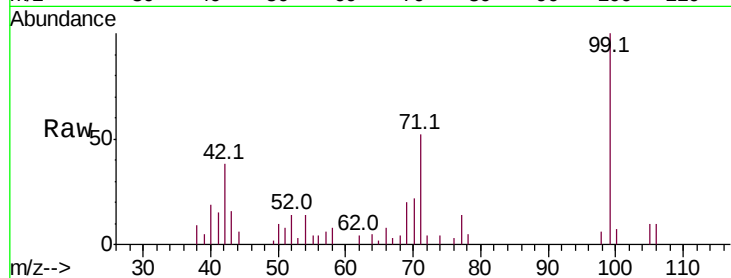
ClientSampled :

S-2MS

Tot Ion:	99	Resp:	25361
Ion Ratio	Lower	Upper	
99	100		
42	37.8	11.0	16.4#
71	51.7	23.4	35.2#

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#8

2-Chlorophenol

Concen: 3.262 ng

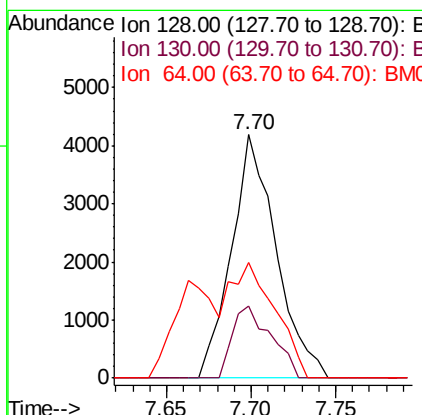
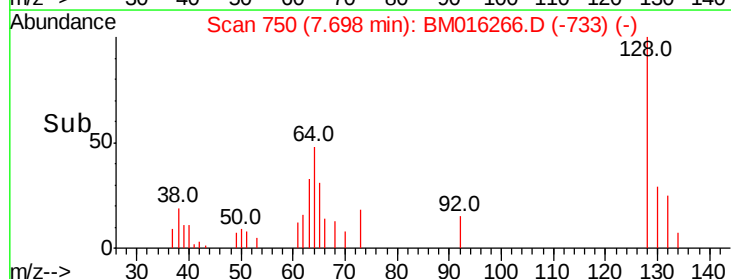
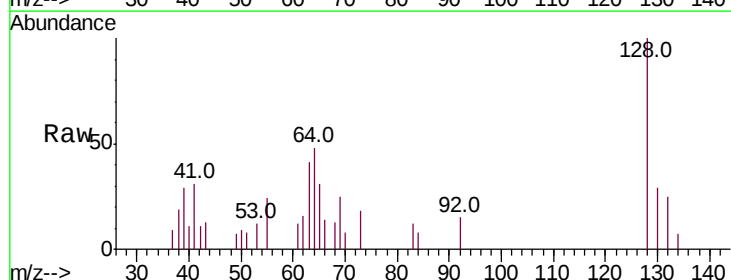
RT: 7.70 min Scan# 750

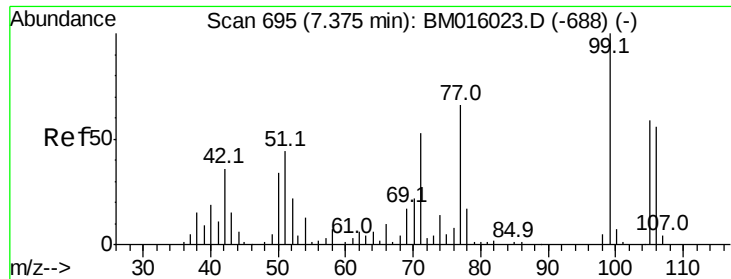
Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion:	128	Resp:	7726
Ion Ratio	Lower	Upper	
128	100		
130	29.5	12.0	52.0
64	47.7	24.9	64.9





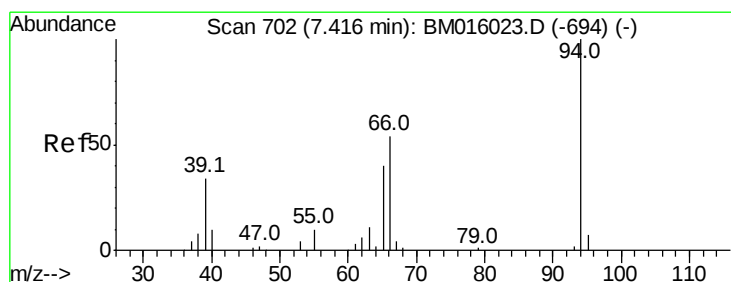
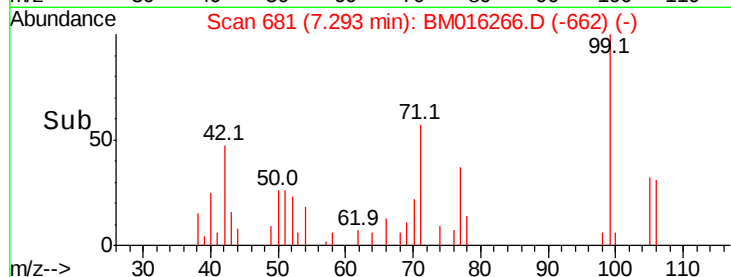
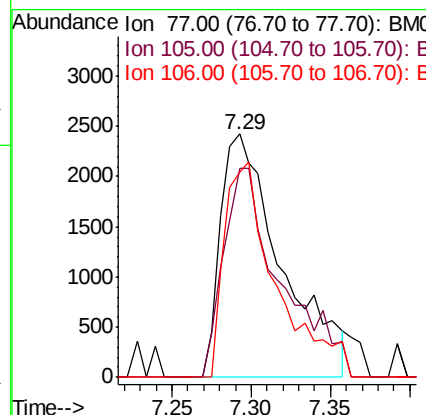
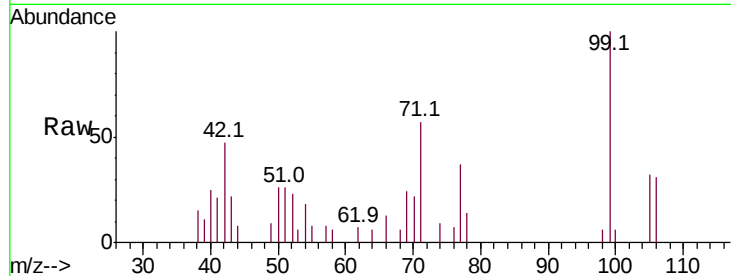
#9
Benzaldehyde
Concen: 3.549 ng
RT: 7.29 min Scan# 681
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :
S-2MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	85.6	78.8	118.8
106	84.3	73.7	113.7

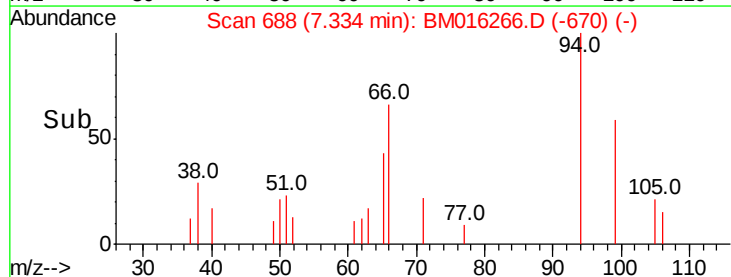
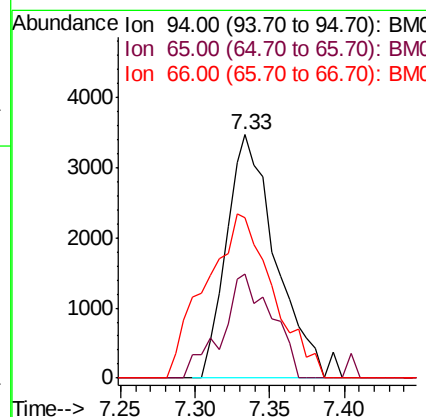
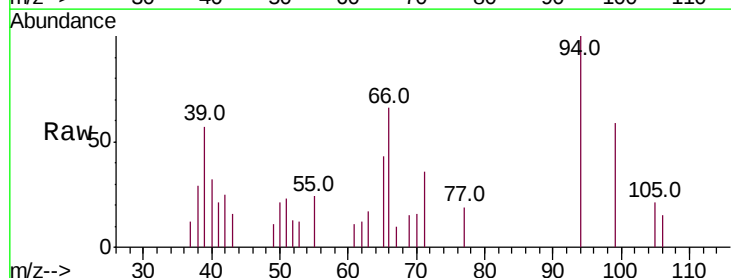
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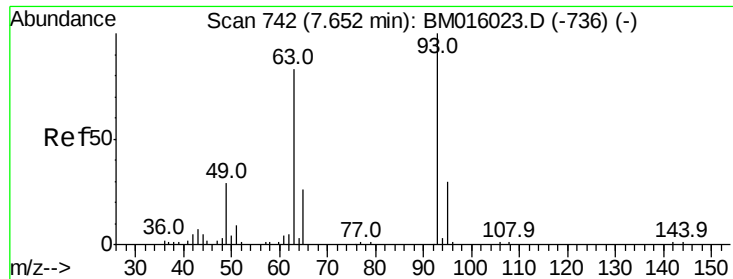
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#10
Phenol
Concen: 3.100 ng
RT: 7.33 min Scan# 688
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	42.9	18.8	58.8
66	65.7	39.9	79.9





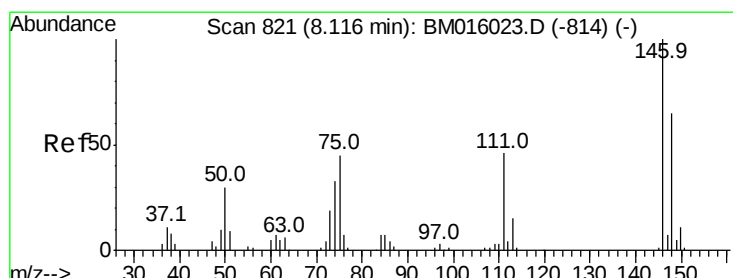
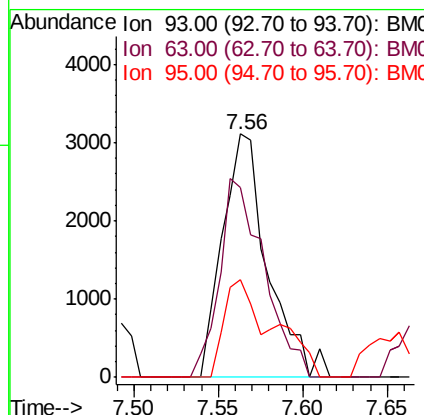
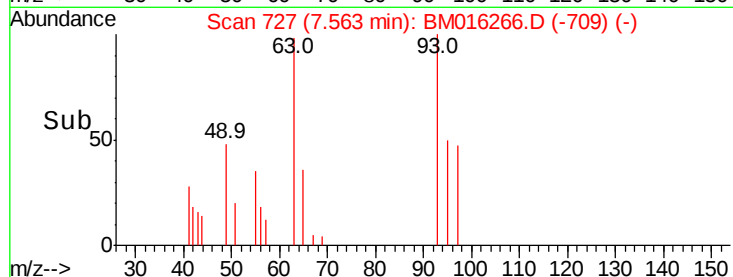
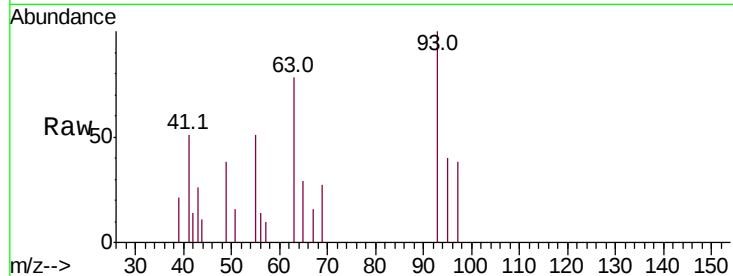
#11
bis(2-Chloroethyl)ether
Concen: 2.812 ng
RT: 7.56 min Scan# 727
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampled :
S-2MS

Tot Ion:	93	Resp:	5781
Ion	Ratio	Lower	Upper
93	100		
63	77.9	49.5	89.5
95	39.9	13.5	53.5

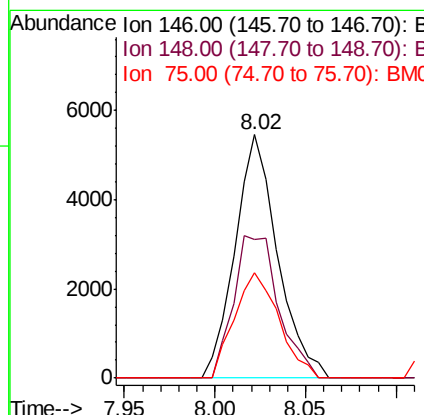
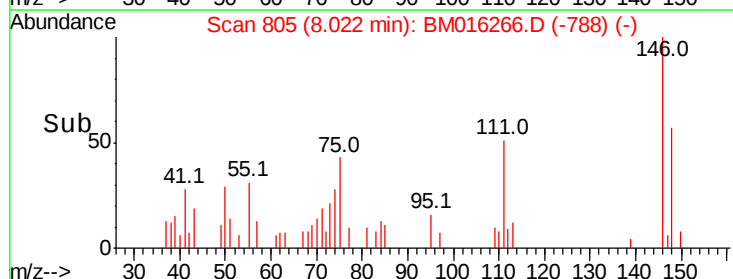
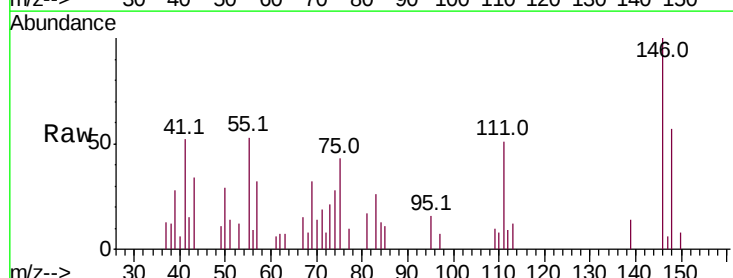
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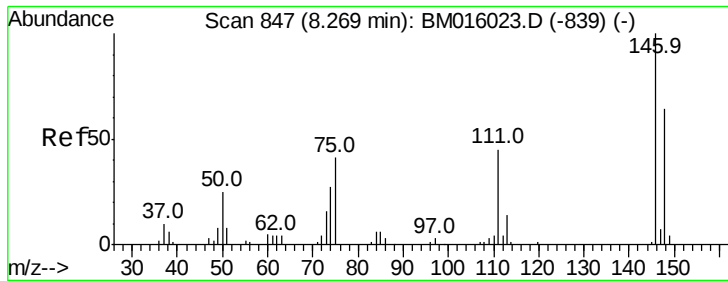
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#12
1,3-Dichlorobenzene
Concen: 3.206 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:	146	Resp:	8888
Ion	Ratio	Lower	Upper
146	100		
148	56.7	50.9	76.3
75	43.4	21.4	32.2#





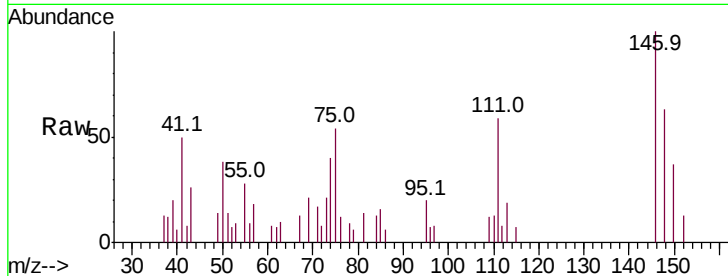
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 1,4-Dichlorobenzene
 Concen: 3.045 ng
 RT: 8.17 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Instrument :
 BNA_M
 ClientSampled :
 S-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
111	59.2	29.2	43.8

Manual Integrations
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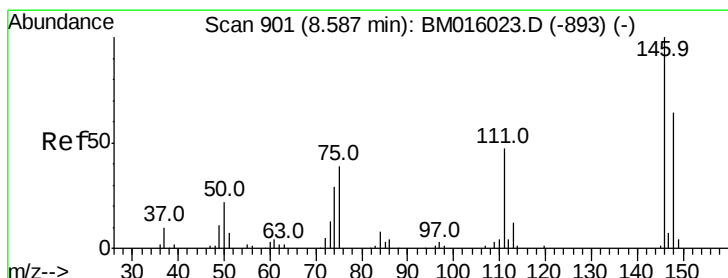
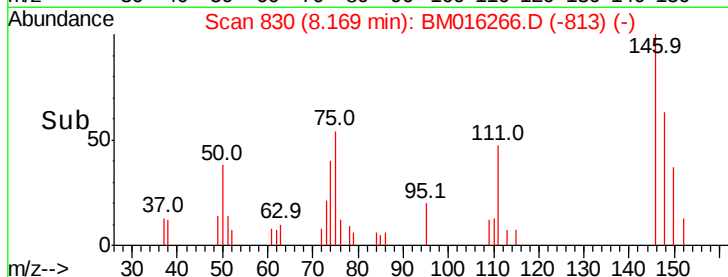
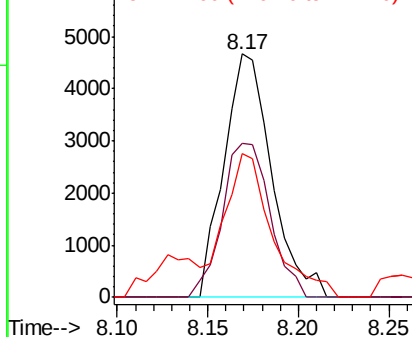


Abundance

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: 3.138 ng
 RT: 8.49 min Scan# 885
 Delta R.T. 0.01 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

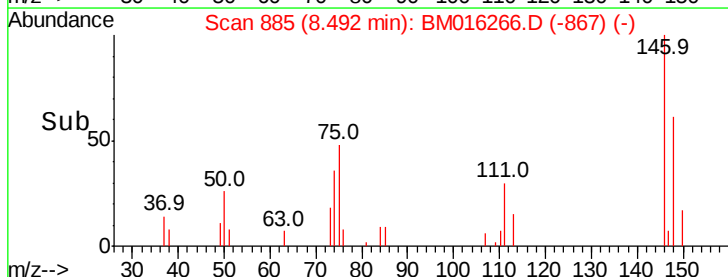
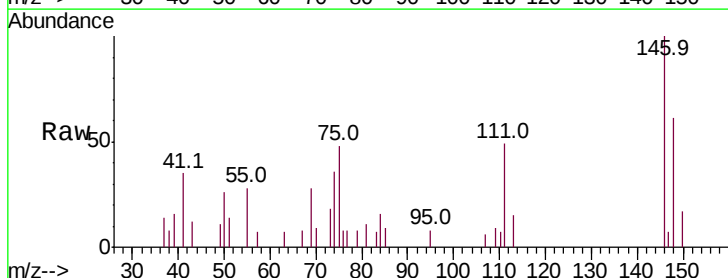
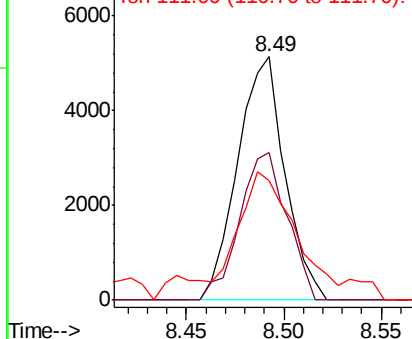
Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.5	52.3	78.5
111	49.1	30.6	45.8

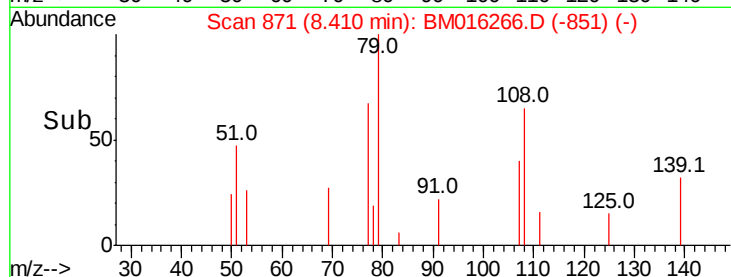
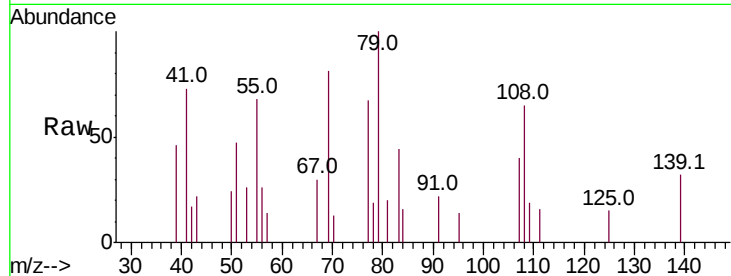
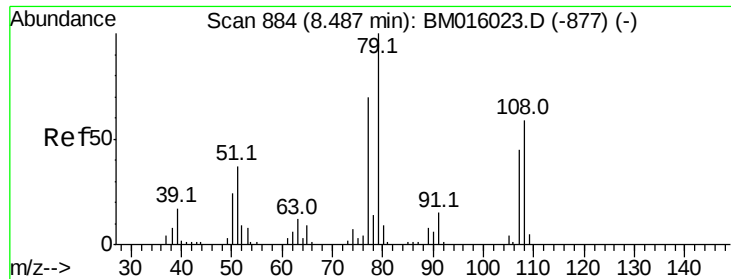
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





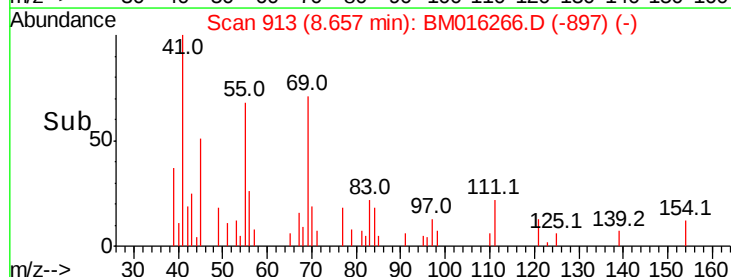
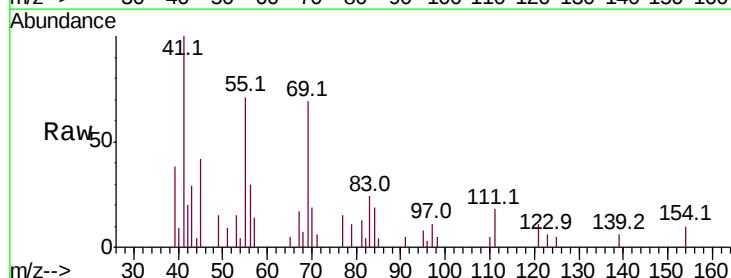
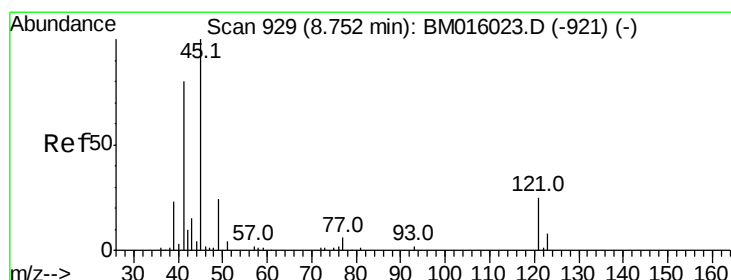
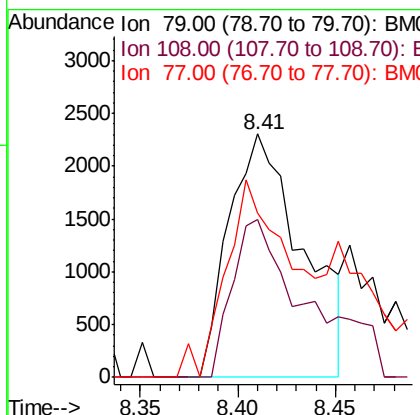
#15
Benzyl Alcohol
Concen: 2.914 ng
RT: 8.41 min Scan# 871
Delta R.T. 0.02 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tot Ion: 79 Resp: 6038
Ion Ratio Lower Upper
79 100
108 64.9 65.0 97.4#
77 67.2 53.0 79.6

Instrument :
BNA_M
ClientSampled :
S-2MS

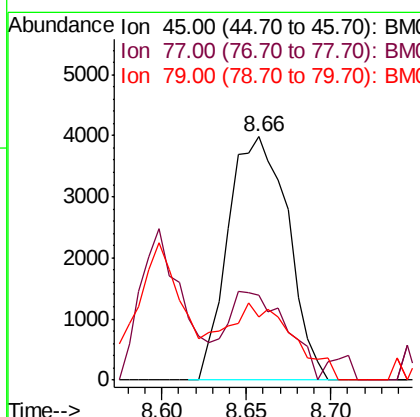
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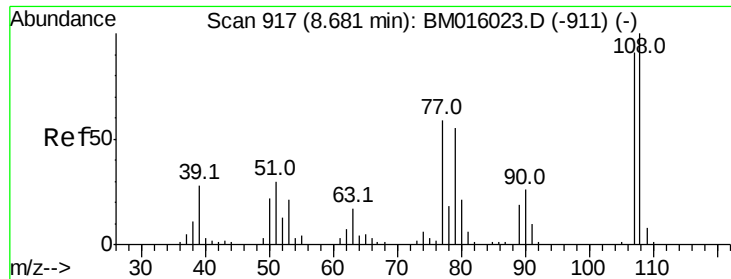
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.120 ng
RT: 8.66 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion: 45 Resp: 9814
Ion Ratio Lower Upper
45 100
77 35.0 0.0 35.2
79 25.7 0.0 32.0





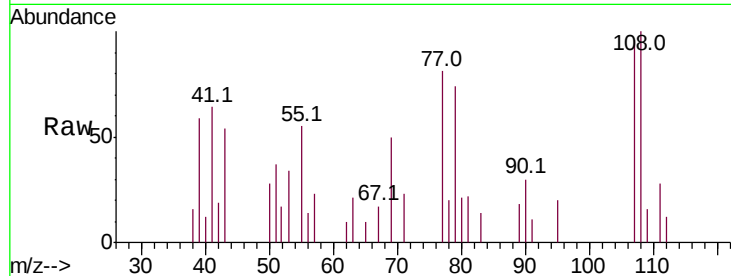
#17
2-Methylphenol
Concen: 3.328 ng
RT: 8.60 min Scan# 903
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :
S-2MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	103.7	89.8	134.8
77	84.2	32.6	48.8
79	76.4	32.8	49.2

Manual Integrations
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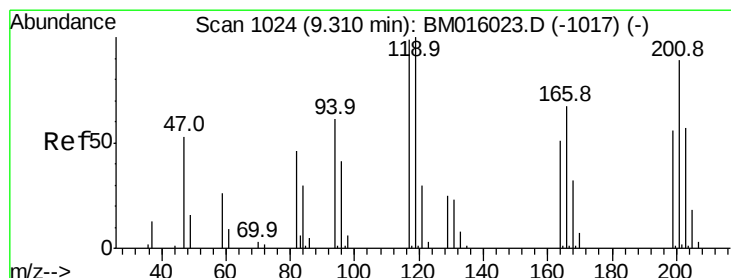
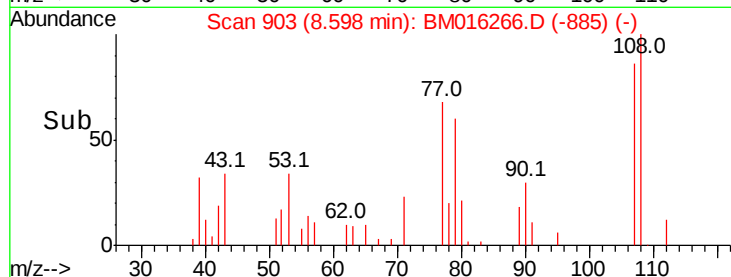
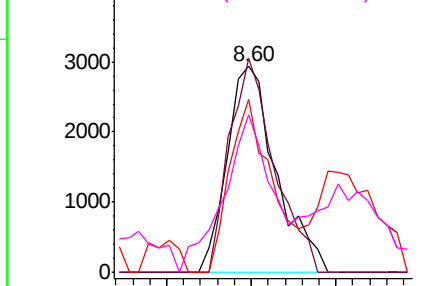
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 3.048 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

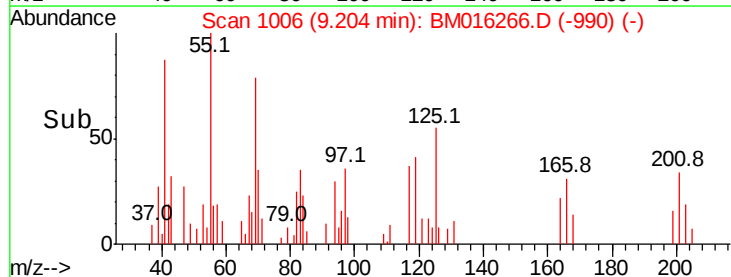
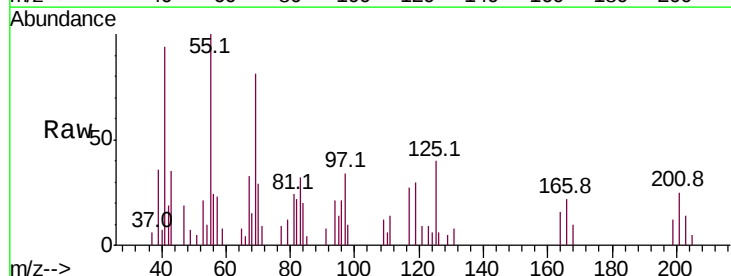
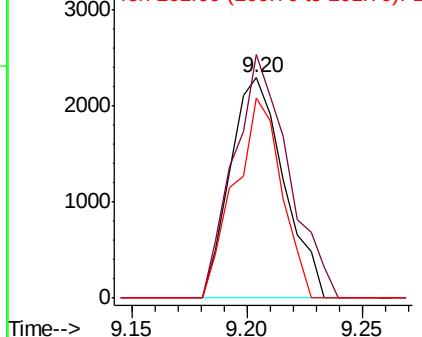
Tgt Ion	Ratio	Lower	Upper
117	100		
119	110.4	79.2	118.8
201	90.8	69.8	104.6

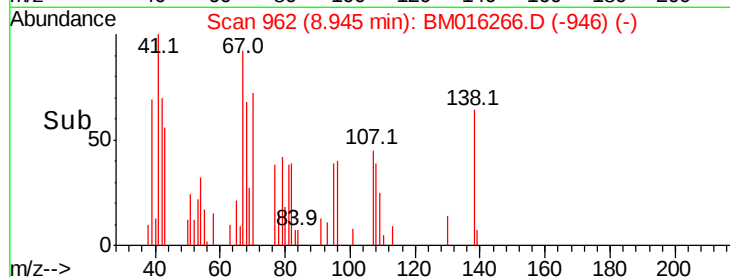
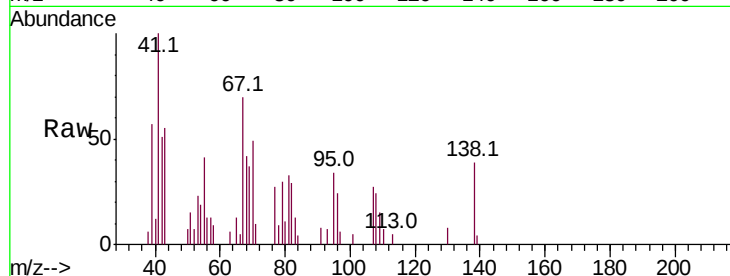
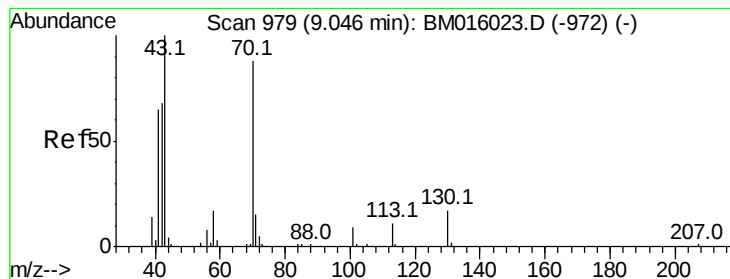
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 3.858 ng

RT: 8.95 min Scan# 962

Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampleId :

S-2MS

Tot Ion: 70 Resp: 7337

Ion Ratio Lower Upper

70 100

42 103.3 44.5 66.7#

101 9.9 7.4 11.2

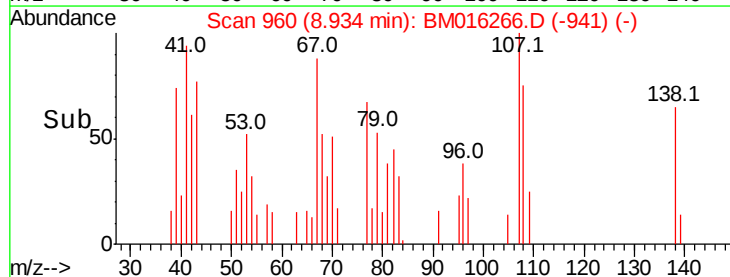
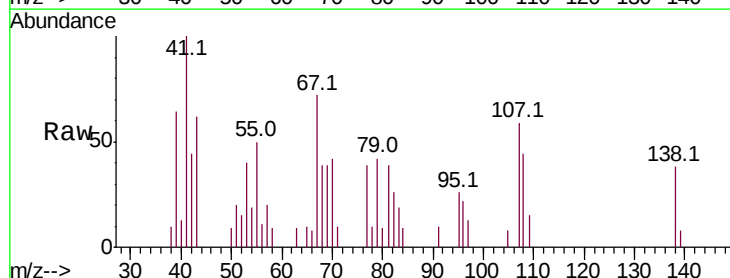
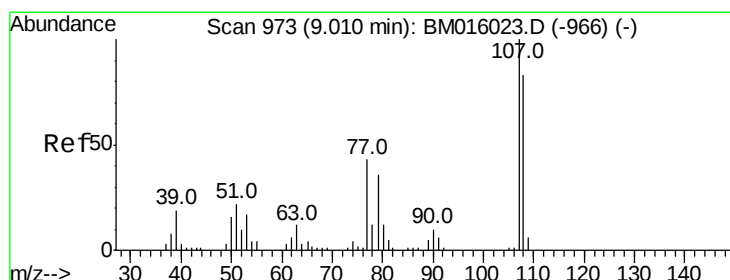
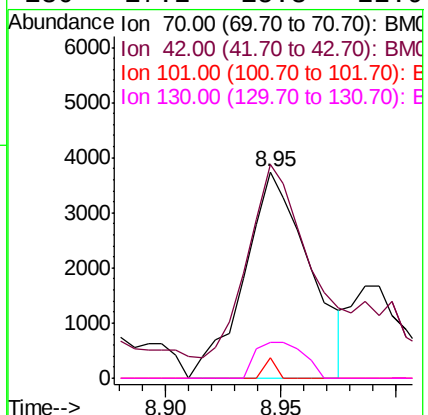
130 17.2 15.3 22.9

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#20

3+4-Methylphenols

Concen: 2.773 ng

RT: 8.93 min Scan# 960

Delta R.T. 0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion:107 Resp: 7096

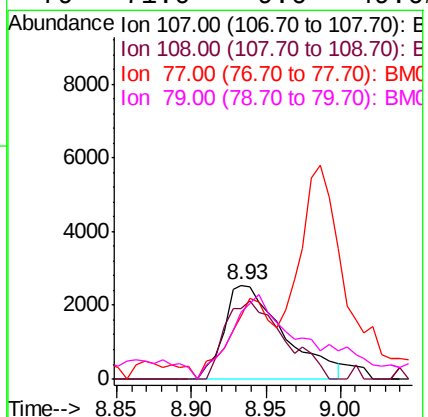
Ion Ratio Lower Upper

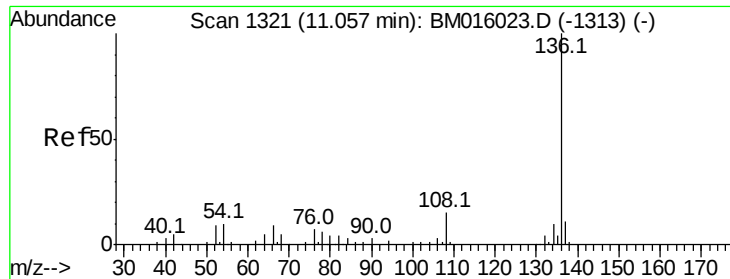
107 100

108 75.3 73.2 113.2

77 66.7 10.7 50.7#

79 71.0 9.6 49.6#





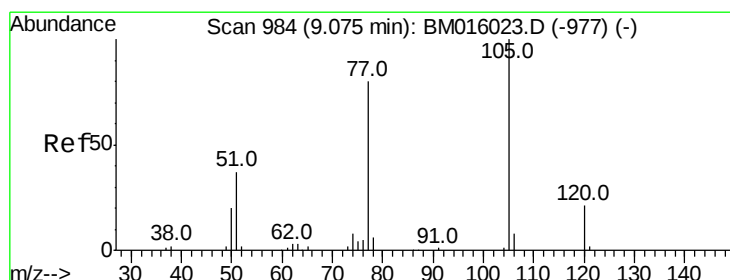
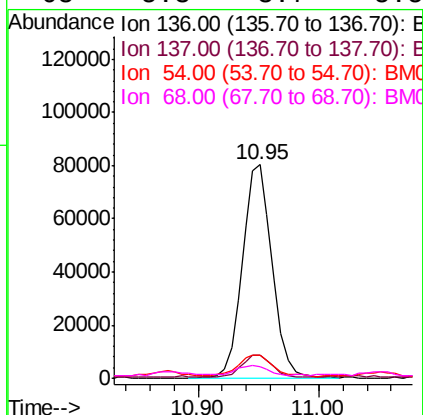
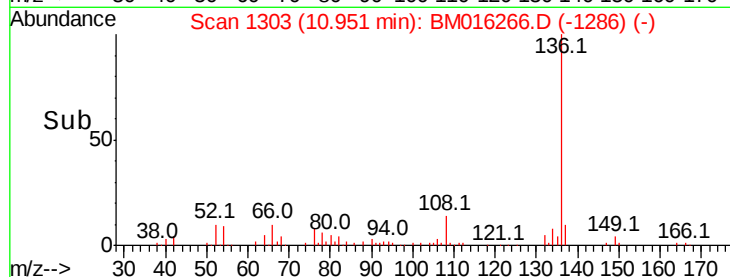
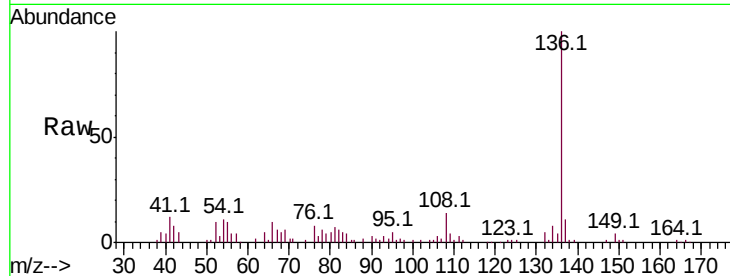
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :
S-2MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	137371		
137	10.6	8.7	13.1	
54	10.5	4.6	6.8#	
68	5.3	3.7	5.5	

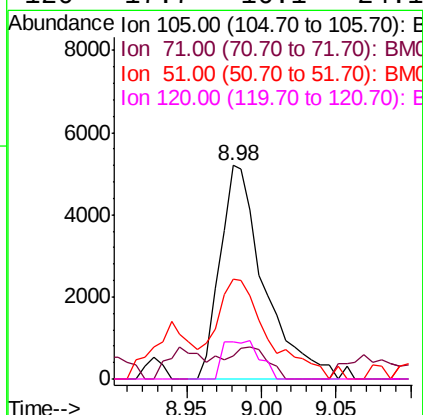
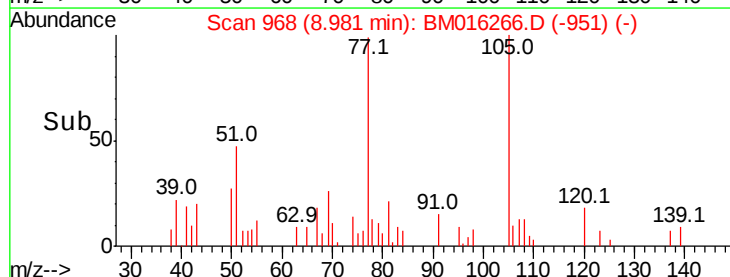
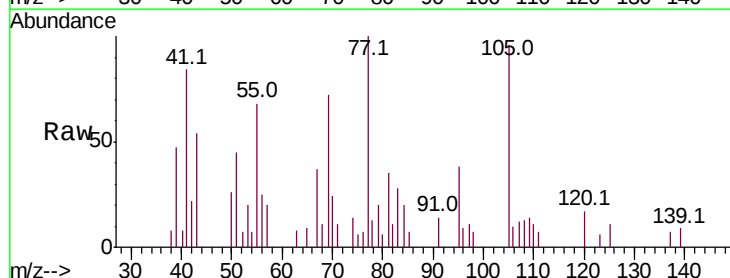
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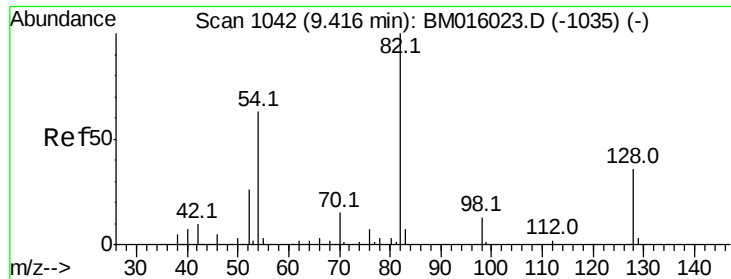
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#22
Acetophenone
Concen: 3.109 ng
RT: 8.98 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	10754		
71	11.0	0.6	1.0#	
51	46.8	21.6	32.4#	
120	17.7	16.1	24.1	





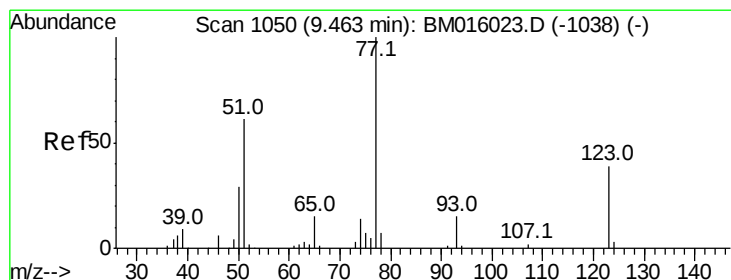
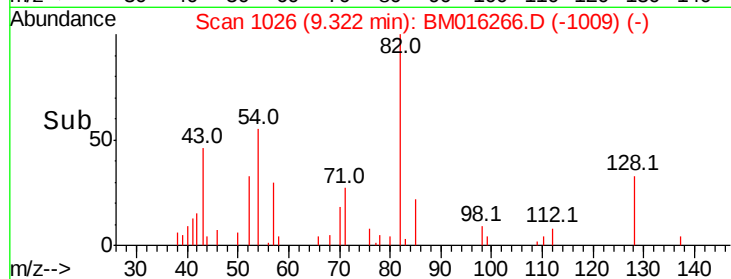
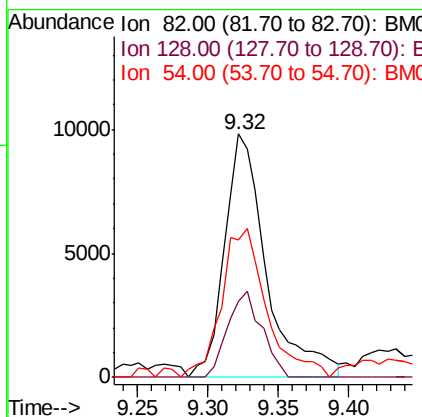
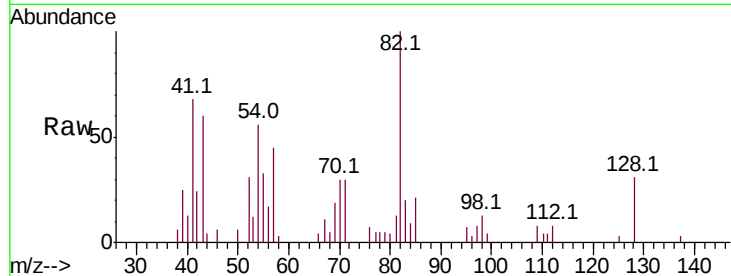
#23
Nitrobenzene-d5
Concen: 3.109 ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampled :
S-2MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.3	32.8	49.2#
54	56.3	40.6	60.8

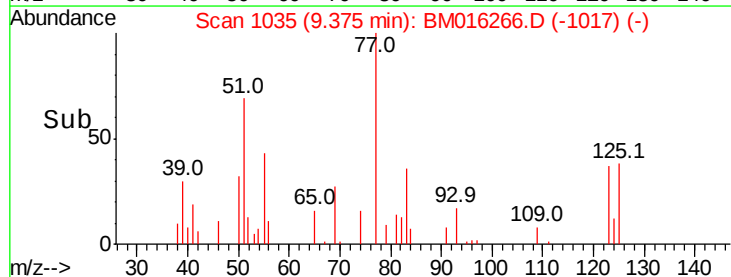
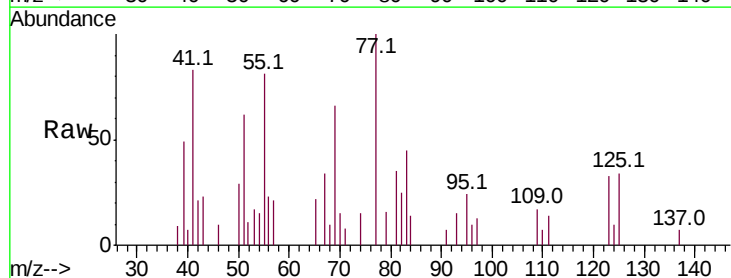
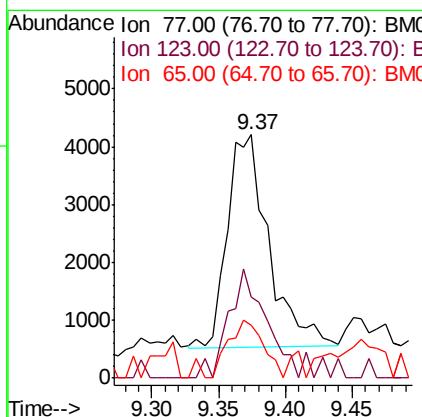
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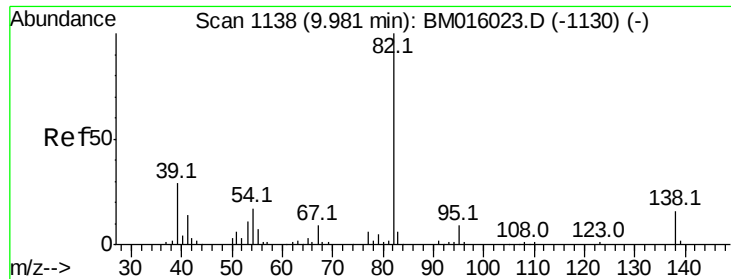
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#24
Nitrobenzene
Concen: 2.660 ng
RT: 9.37 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.4	32.6	49.0
65	22.0	10.9	16.3#





#25

Isophorone

Concen: 3.220 ng

RT: 9.87 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

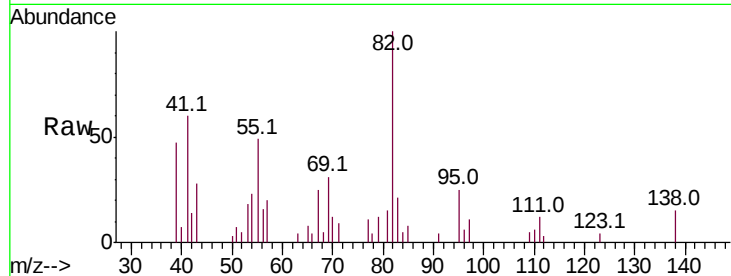
ClientSampled :

S-2MS

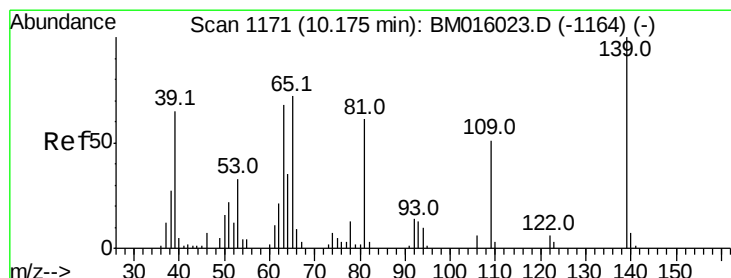
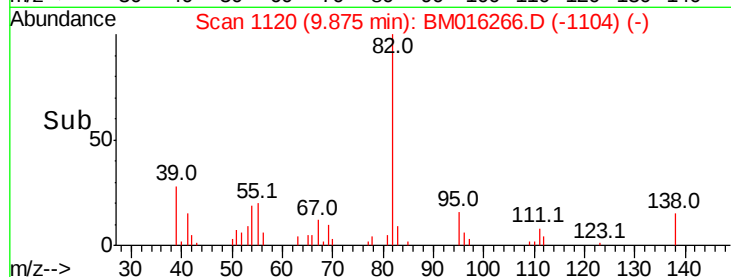
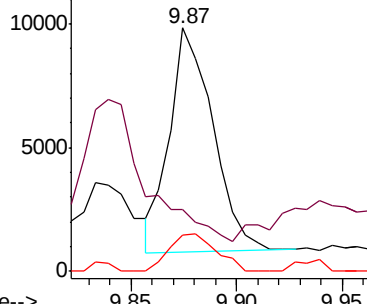
Tot Ion:	82	Resp:	13007
Ion Ratio	Lower	Upper	
82	100		
95	25.3	5.8	8.6#
138	14.6	16.3	24.5#

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BM016023.D (-1130) (-)



#26

2-Nitrophenol

Concen: 3.470 ng

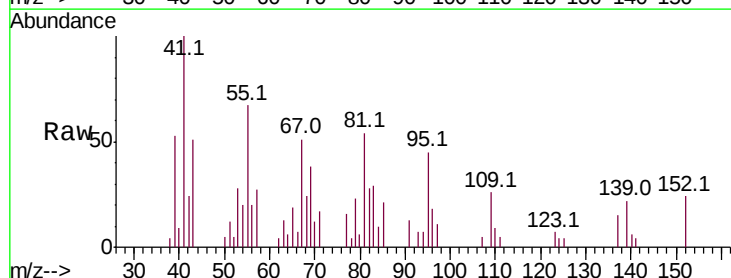
RT: 10.08 min Scan# 1155

Delta R.T. 0.01 min

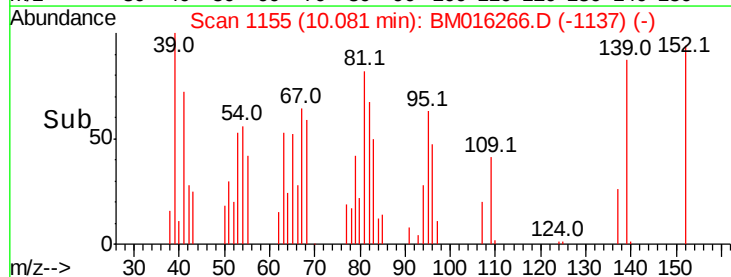
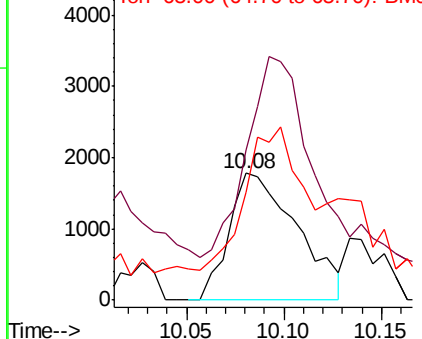
Lab File: BM016266.D

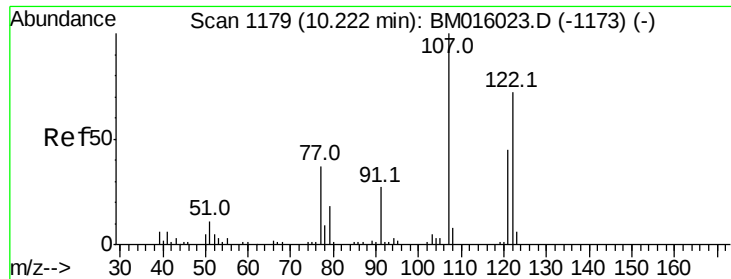
Acq: 09 Aug 2018 02:51

Tgt Ion:	139	Resp:	4306
Ion Ratio	Lower	Upper	
139	100		
109	118.9	20.1	30.1#
65	85.4	31.5	47.3#



Abundance Ion 139.00 (138.70 to 139.70): BM016023.D (-1164) (-)





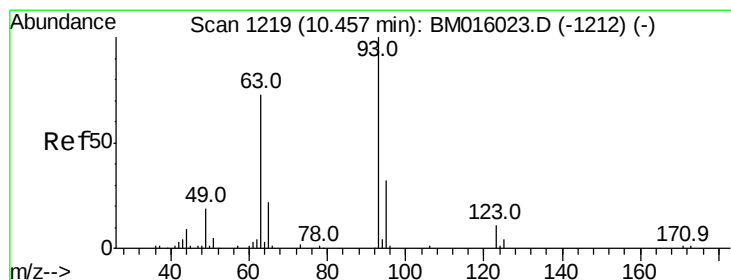
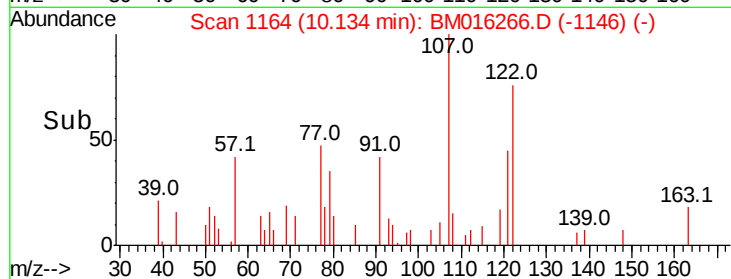
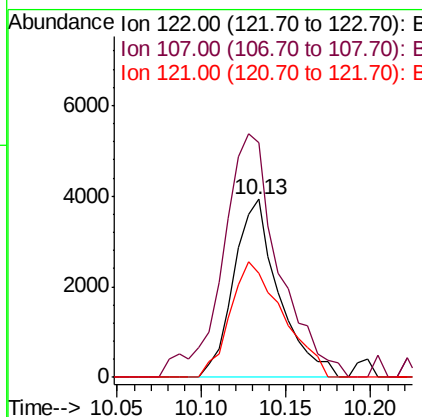
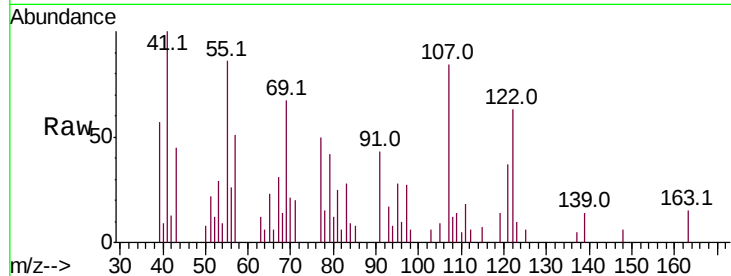
#27
2,4-Dimethylphenol
Concen: 4.225 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampled :
S-2MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.1	84.7	127.1#
121	58.8	46.6	69.8

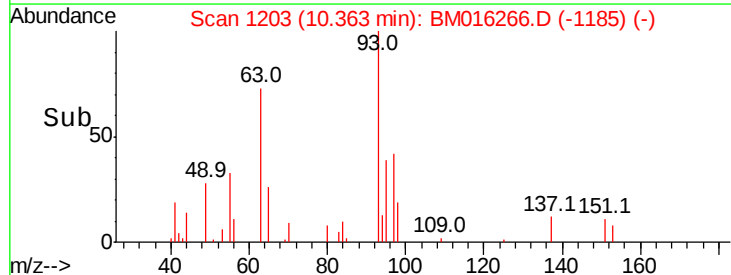
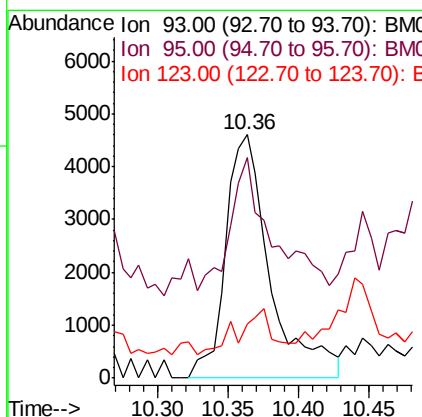
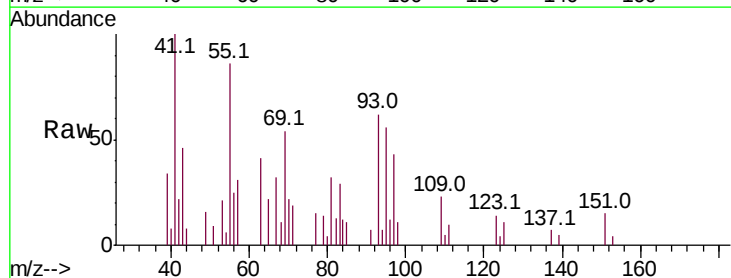
Manual Integrations
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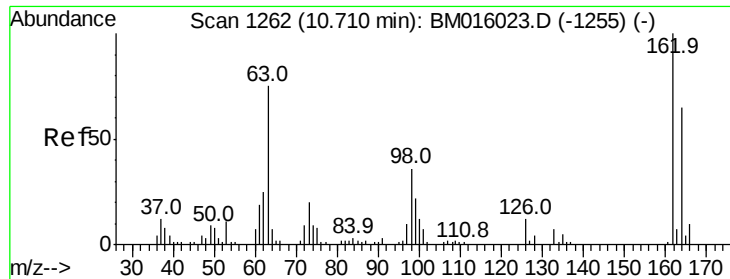
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 3.867 ng
RT: 10.36 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	90.6	25.5	38.3#
123	22.0	8.6	13.0#





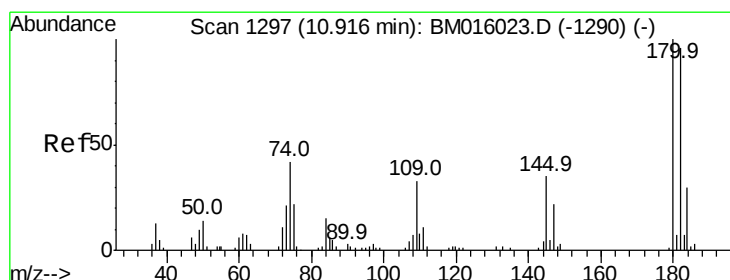
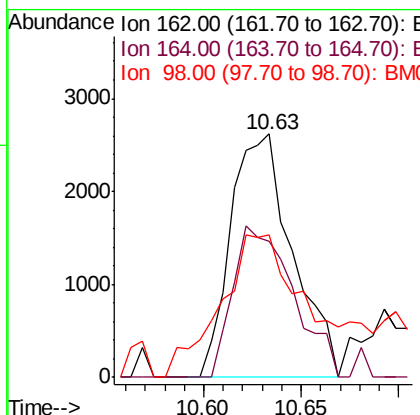
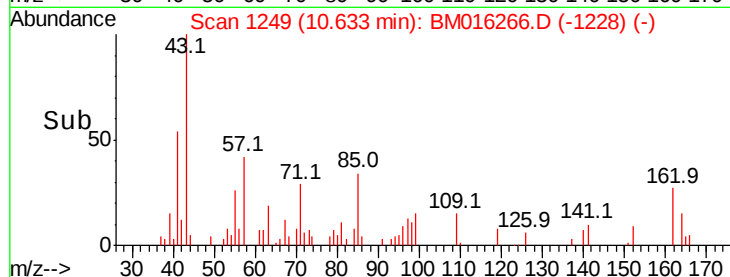
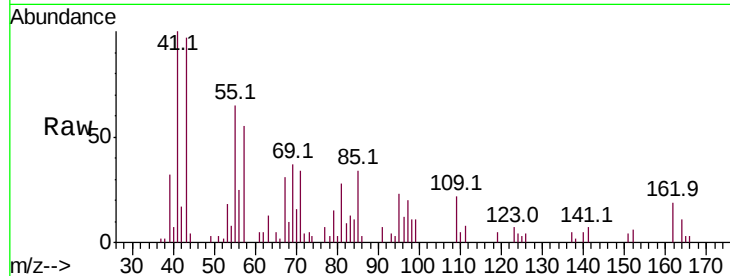
#29
 2,4-Dichlorophenol
 Concen: 2.788 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. 0.02 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Instrument :
 BNA_M
 ClientSampleId :
 S-2MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	55.7	42.8	82.8
98	58.5	14.5	54.5

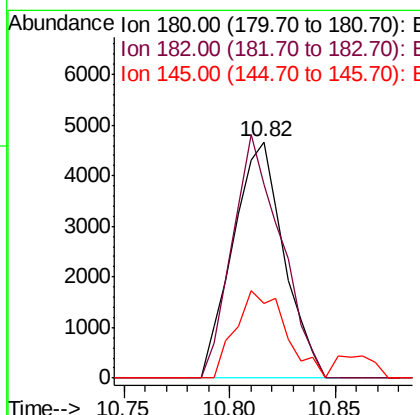
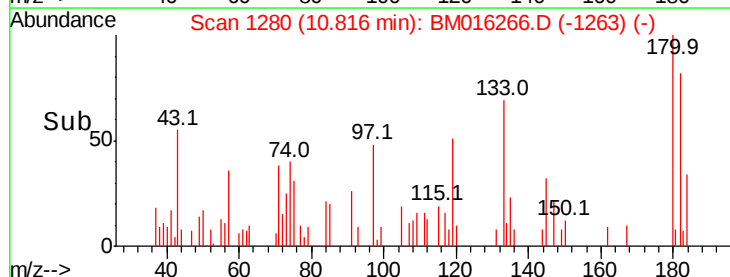
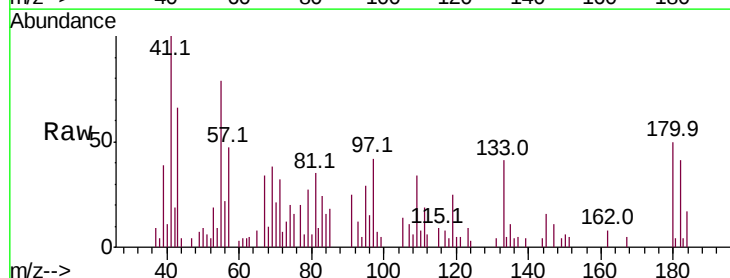
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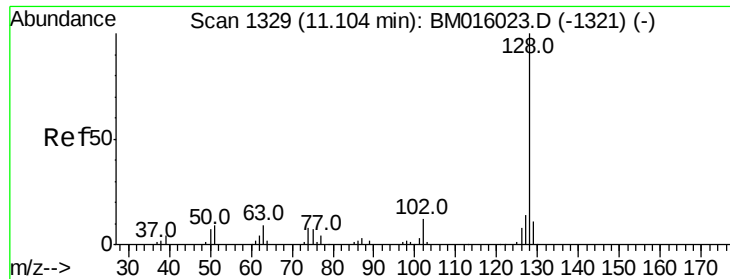
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 3.130 ng
 RT: 10.82 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	76.0	77.6	116.4
145	29.3	23.4	35.2





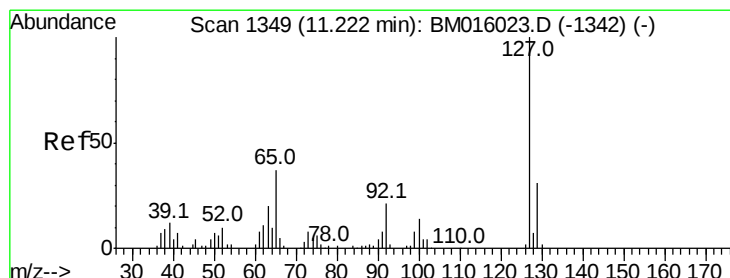
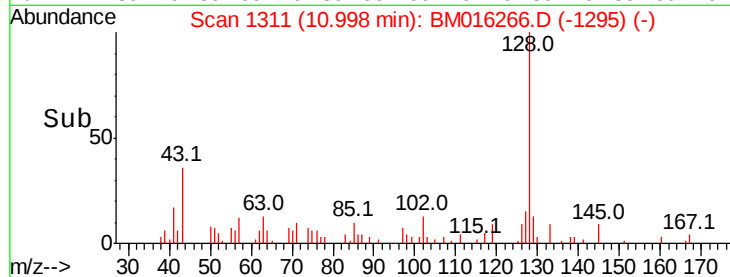
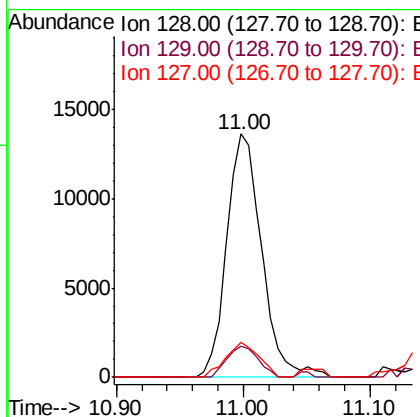
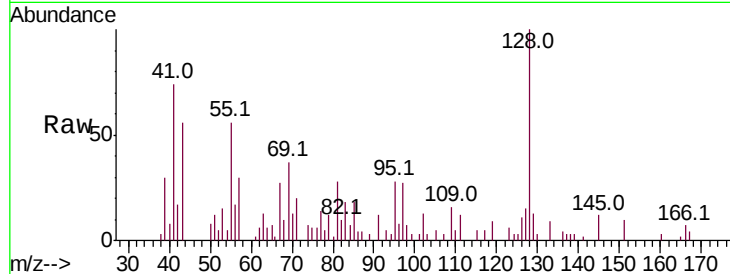
#31
Naphthalene
Concen: 3.740 ng
RT: 11.00 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :
S-2MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.9	13.3
127	14.6	10.4	15.6

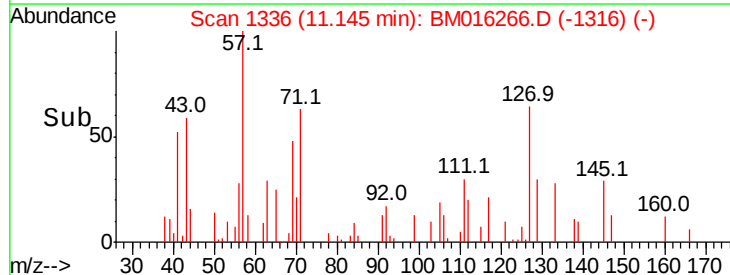
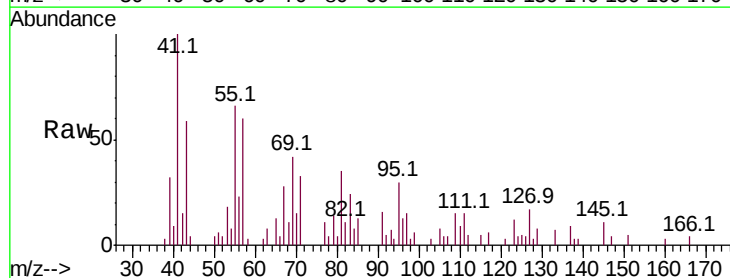
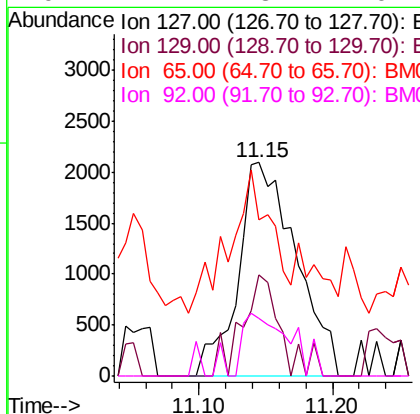
Manual Integrations
APPROVED

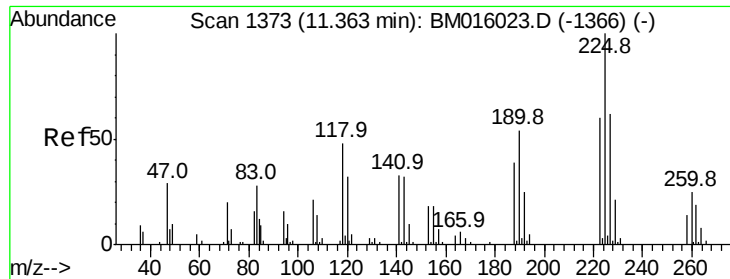
Sohil
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#33
4-Chloroaniline
Concen: 2.230 ng
RT: 11.15 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Lower	Upper
127	100		
129	47.5	25.3	37.9#
65	73.2	17.6	26.4#
92	27.1	13.1	19.7#





#34

Hexachlorobutadiene

Concen: 3.122 ng

RT: 11.26 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

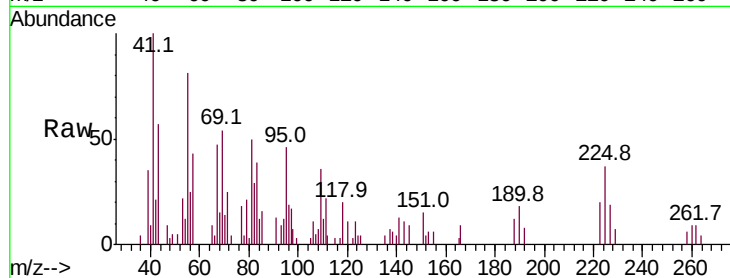
ClientSampled :

S-2MS

Tot Ion:	225	Resp:	5406
Ion Ratio	Lower	Upper	
225	100		
223	54.8	47.9	71.9
227	52.8	50.1	75.1

Manual Integrations
APPROVED

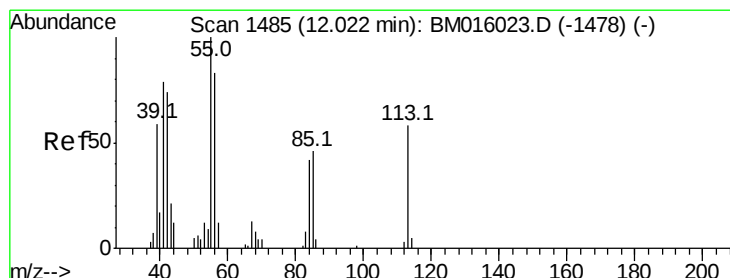
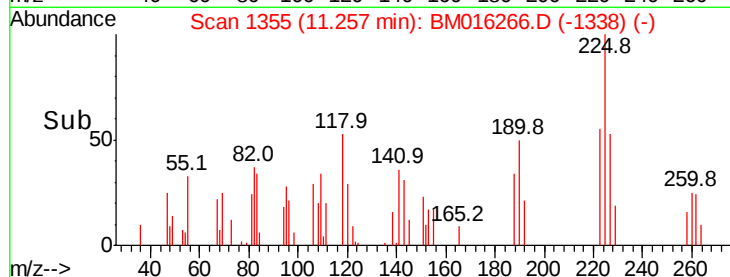
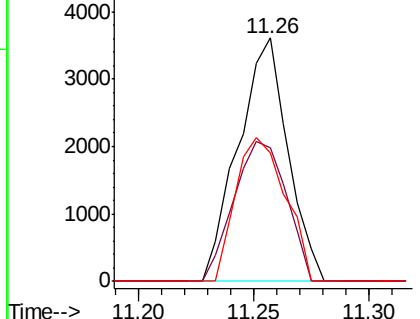
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Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 31.331 ng

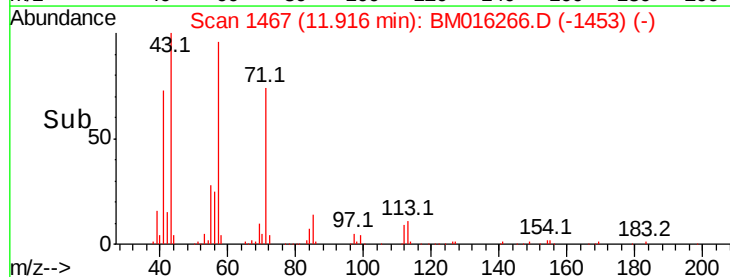
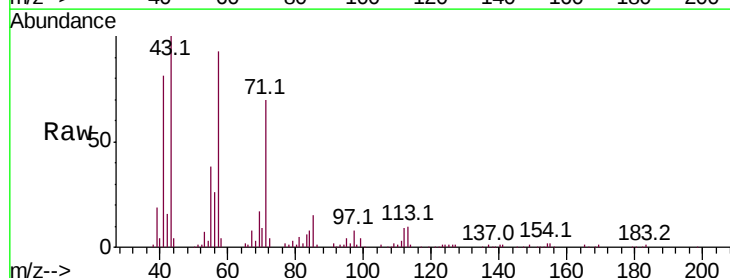
RT: 11.92 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

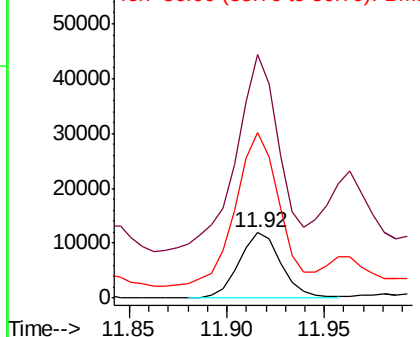
Tgt Ion:	113	Resp:	17829
Ion Ratio	Lower	Upper	
113	100		
55	371.4	145.9	185.9#
56	251.7	101.0	141.0#

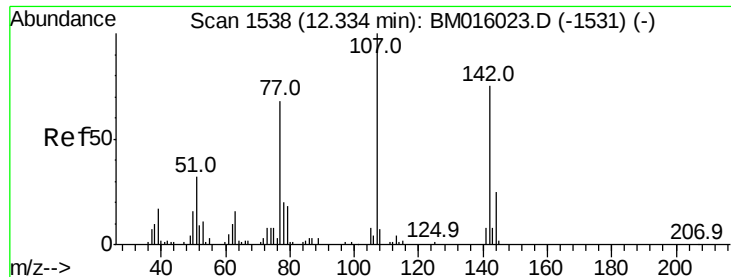


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0





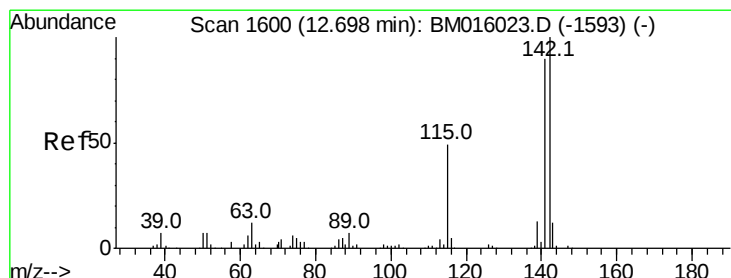
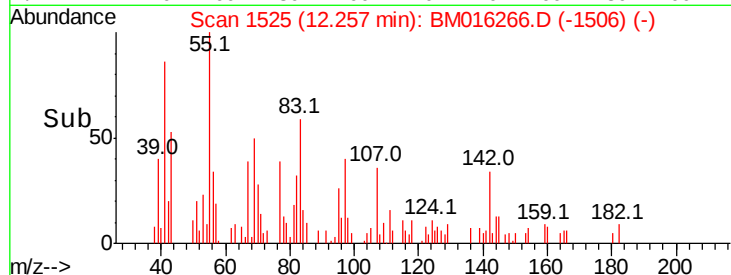
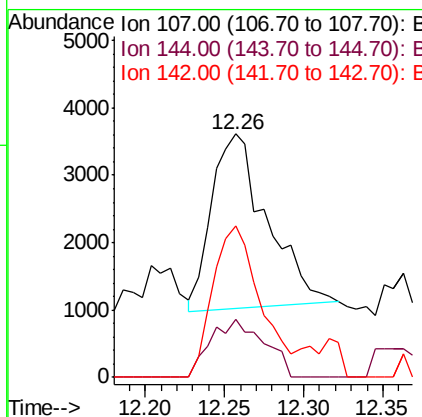
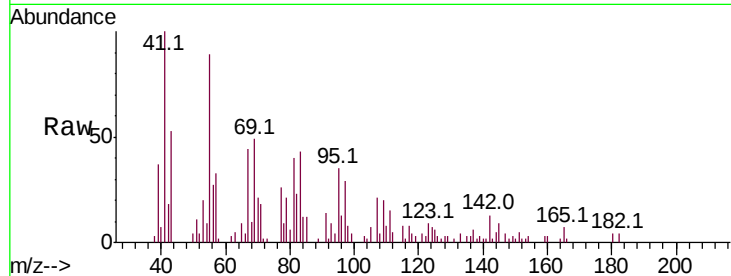
#36
 4-Chloro-3-methylphenol
 Concen: 2.783 ng
 RT: 12.26 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Instrument :
 BNA_M
 ClientSampled :
 S-2MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	23.7	23.3	34.9
142	62.1	72.6	109.0#

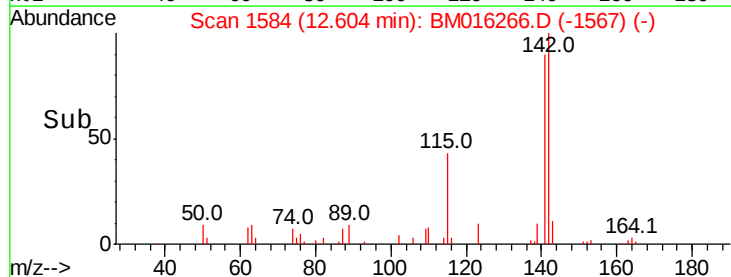
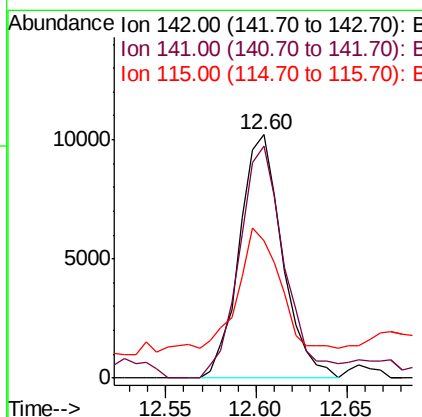
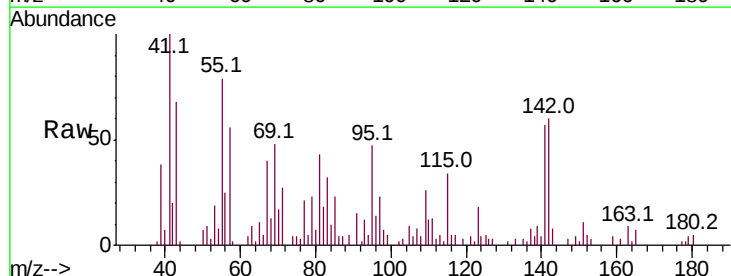
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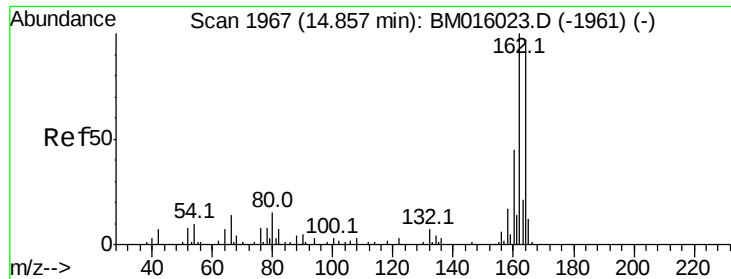
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#37
 2-Methylnaphthalene
 Concen: 3.618 ng
 RT: 12.60 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	71.9	107.9
115	56.3	25.4	38.0#





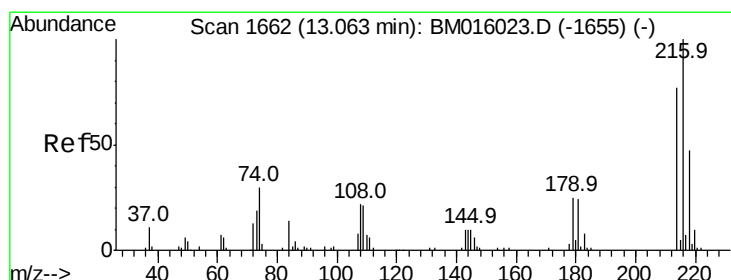
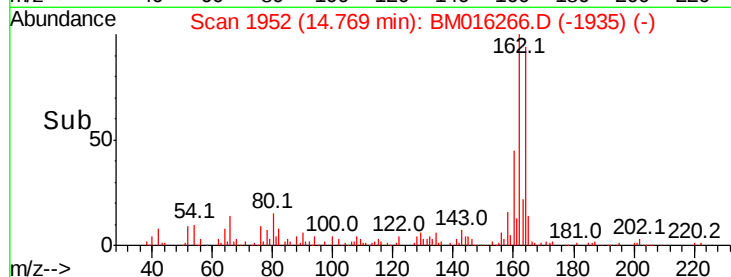
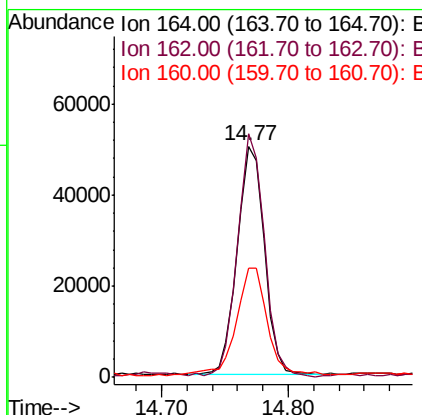
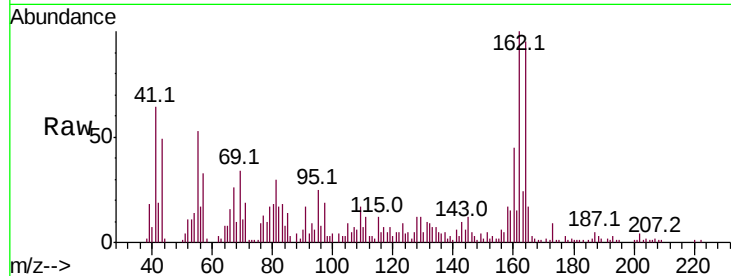
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :
S-2MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.4	123.6
160	47.5	35.8	53.6

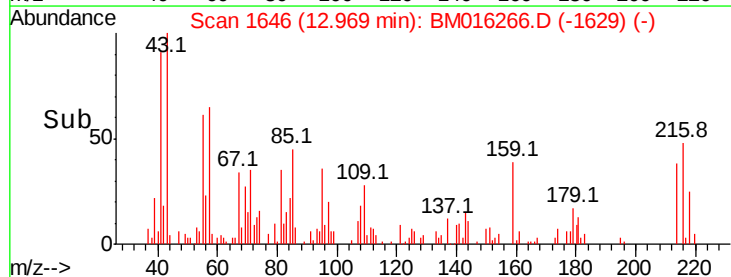
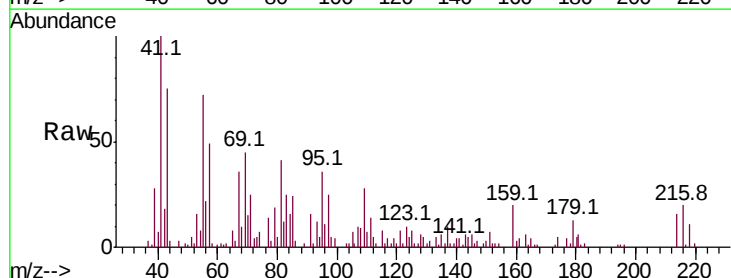
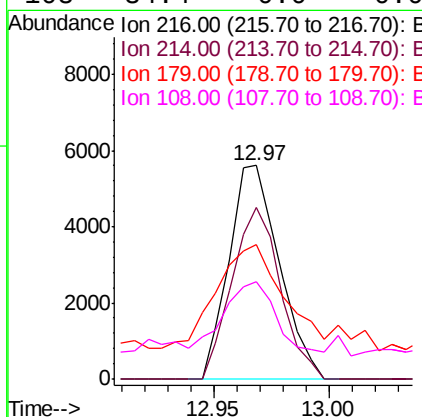
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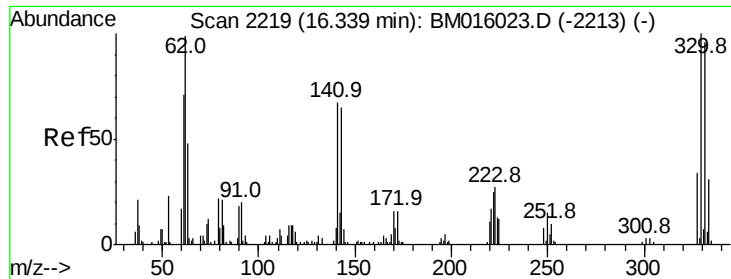
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.361 ng
RT: 12.97 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	0.0	0.0#
179	64.2	0.0	0.0#
108	34.4	0.0	0.0#





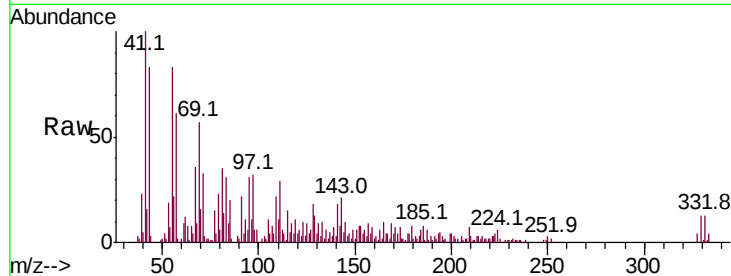
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Instrument :
 BNA_M
 ClientSampled :
 S-2MS

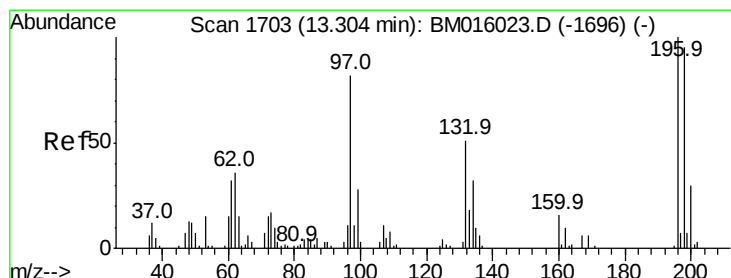
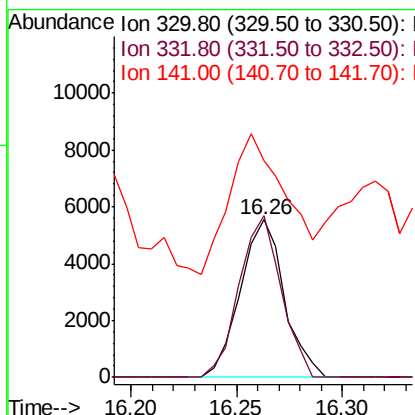
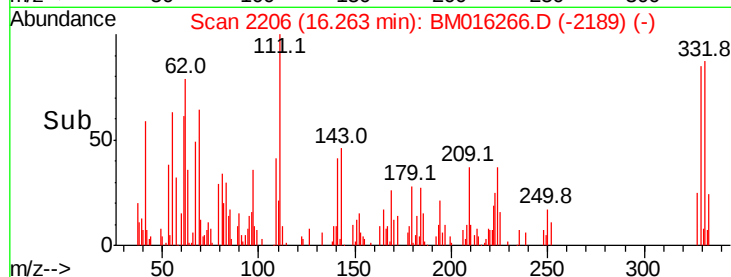
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.7	0.0	0.0	0.0
141	113.3	0.0	0.0	0.0

Manual Integrations
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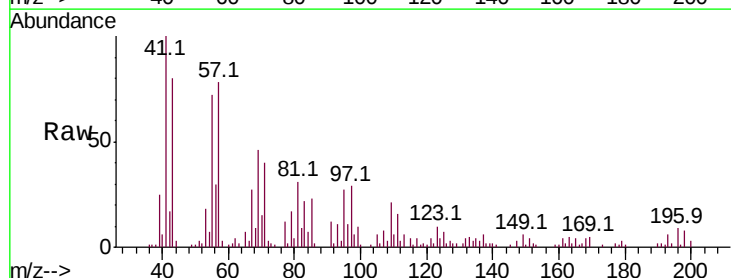


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

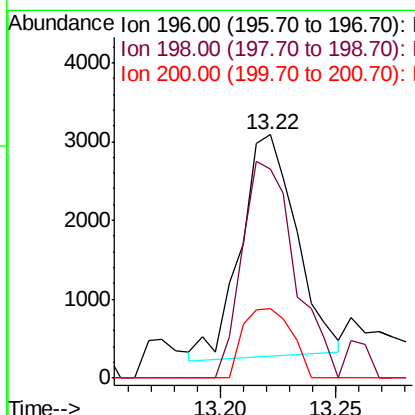
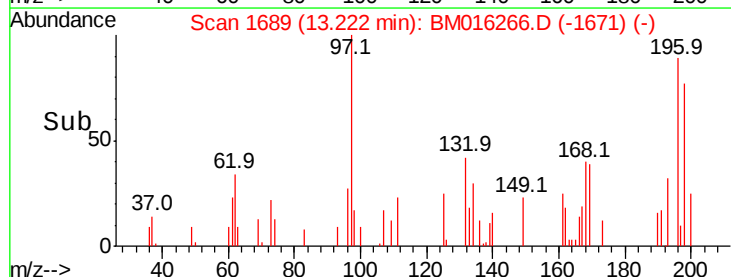


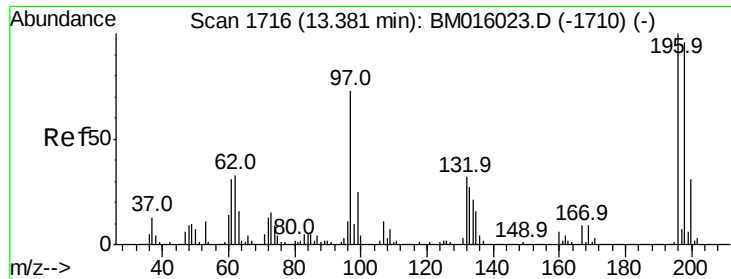
#42
 2,4,6-Trichlorophenol
 Concen: 2.966 ng
 RT: 13.22 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	85.9	76.3	114.5	
200	28.4	25.6	38.4	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





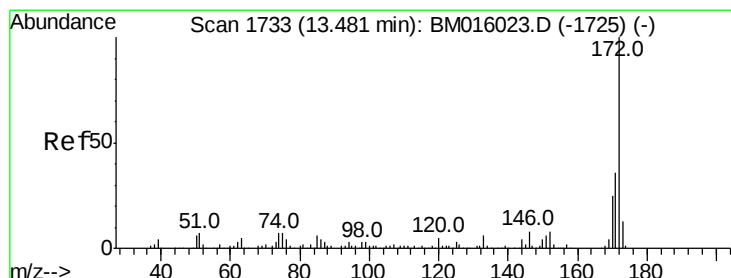
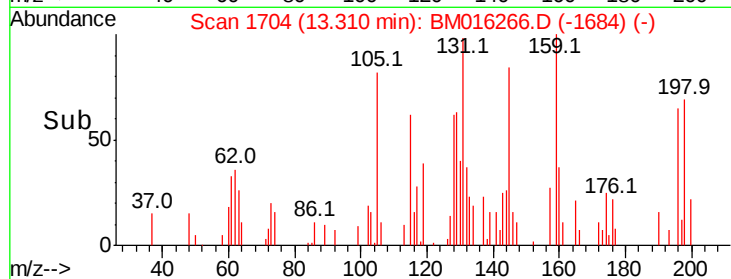
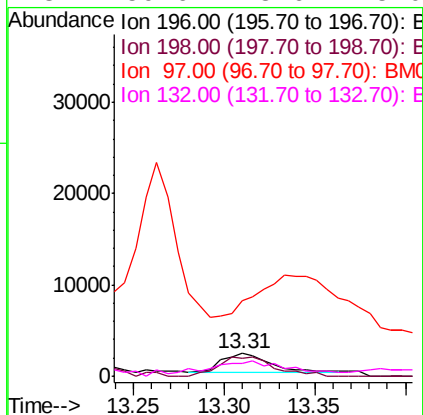
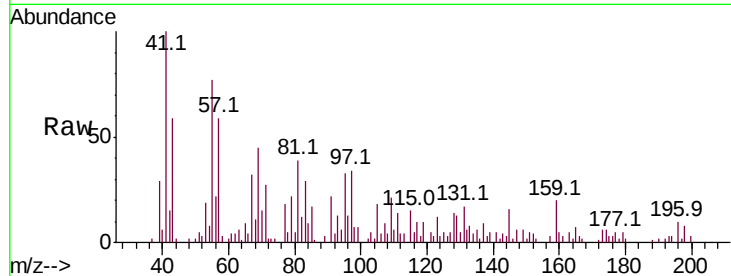
#43
 2,4,5-Trichlorophenol
 Concen: 2.259 ng
 RT: 13.31 min Scan# 1704
 Delta R.T. 0.02 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Instrument :
 BNA_M
 ClientSampled :
 S-2MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	82.7	79.4	119.0	
97	337.8	26.8	40.2	
132	59.6	18.6	28.0	

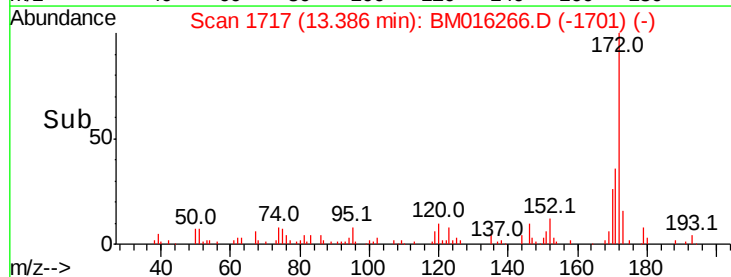
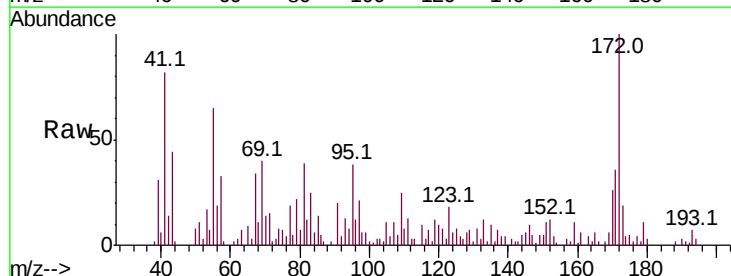
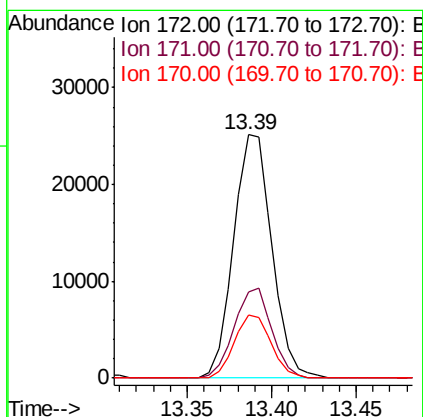
Manual Integrations
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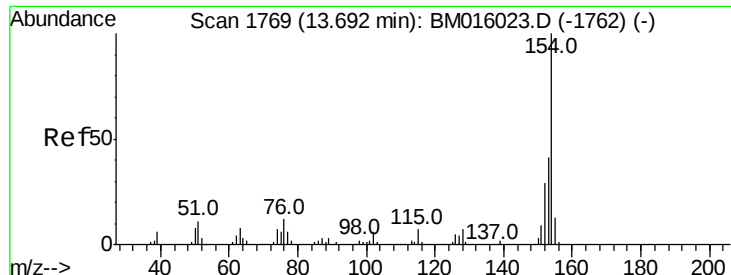
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 2.259 ng
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	28.5	42.7	
170	26.0	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 3.508 ng

RT: 13.60 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampleId :

S-2MS

Tot Ion:154 Resp: 23488

Ion Ratio Lower Upper

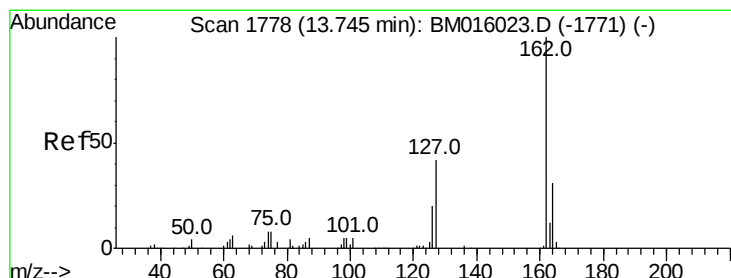
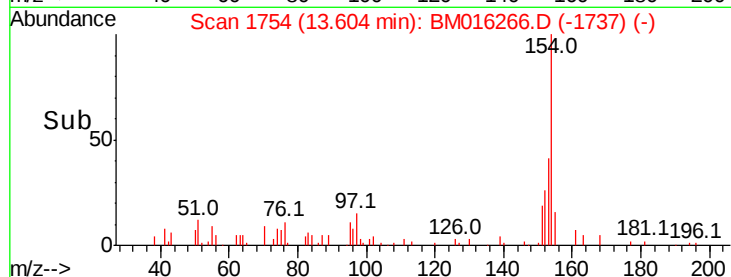
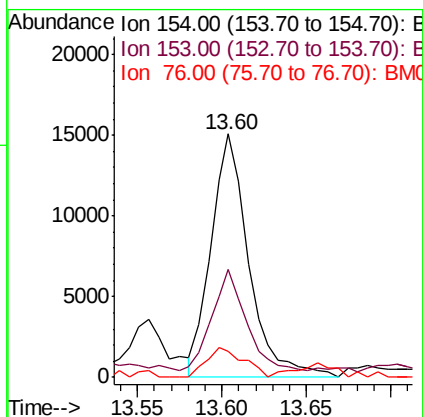
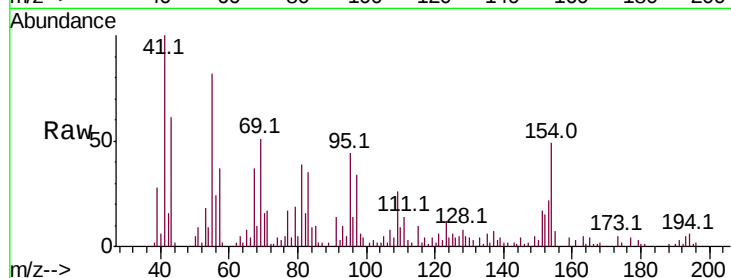
154 100

153 44.1 20.7 60.7

76 10.5 0.0 30.9

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 3.334 ng

RT: 13.66 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

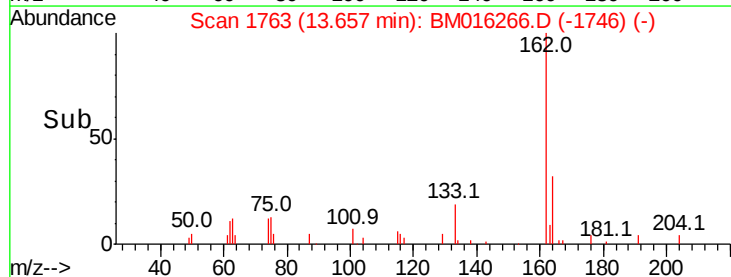
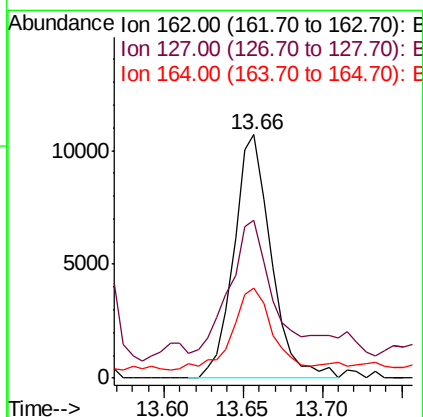
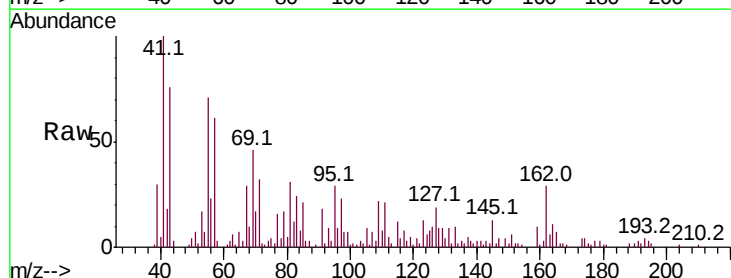
Tgt Ion:162 Resp: 17358

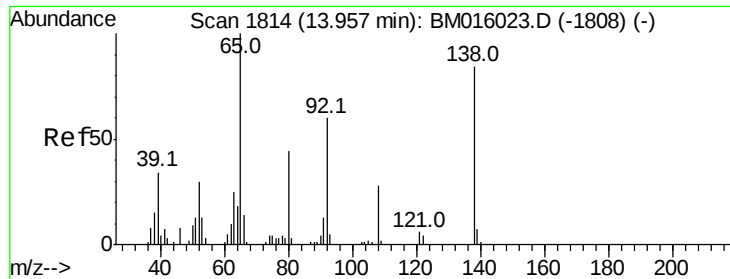
Ion Ratio Lower Upper

162 100

127 64.6 26.9 40.3#

164 36.8 26.8 40.2





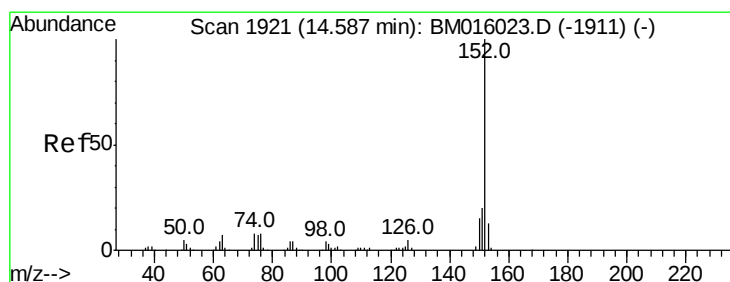
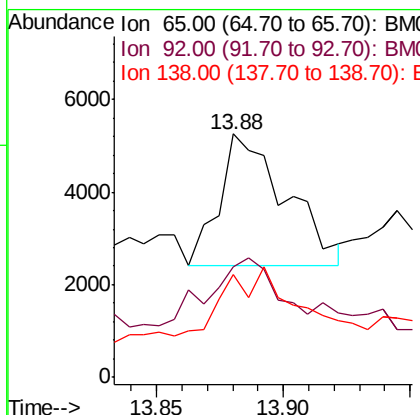
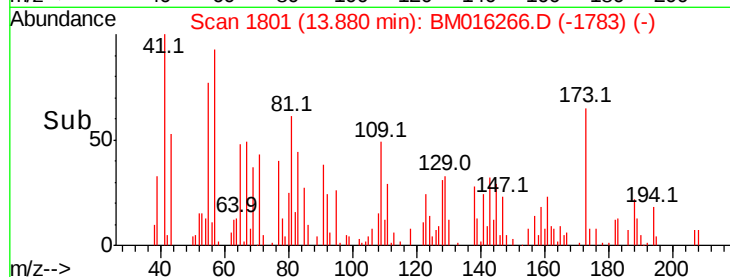
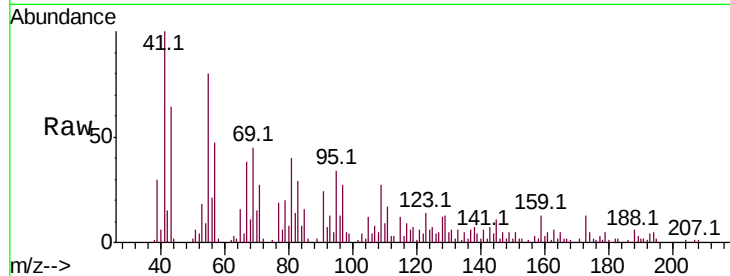
#47
2-Nitroaniline
Concen: 3.021 ng
RT: 13.88 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampled :
S-2MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	45.3	59.1	88.7#
138	42.2	93.9	140.9#

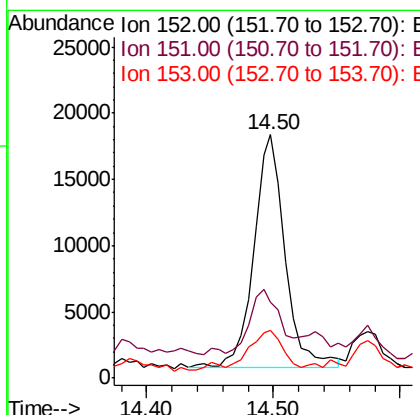
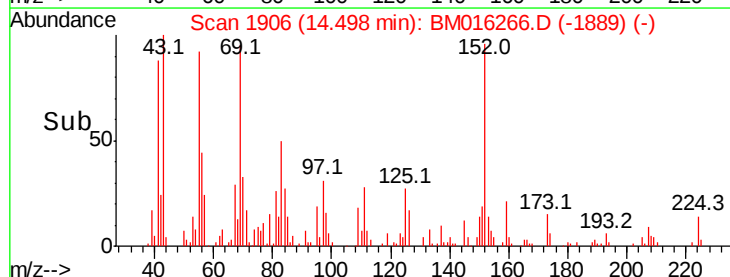
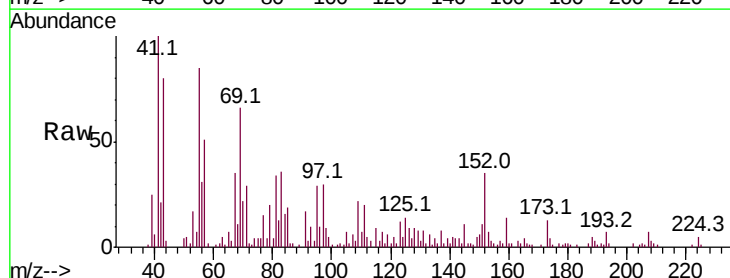
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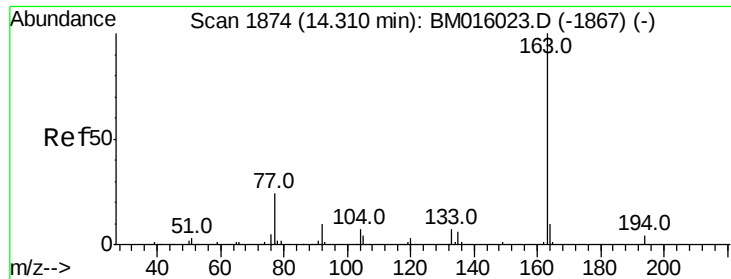
Sohil
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#48
Acenaphthylene
Concen: 3.959 ng
RT: 14.50 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	31.2	15.9	23.9#
153	19.8	10.6	16.0#





#49

Dimethylphthalate

Concen: 4.389 ng

RT: 14.22 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

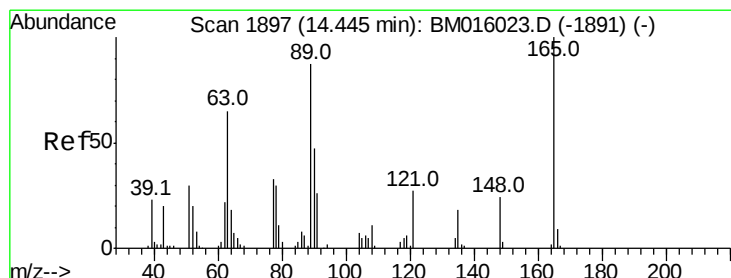
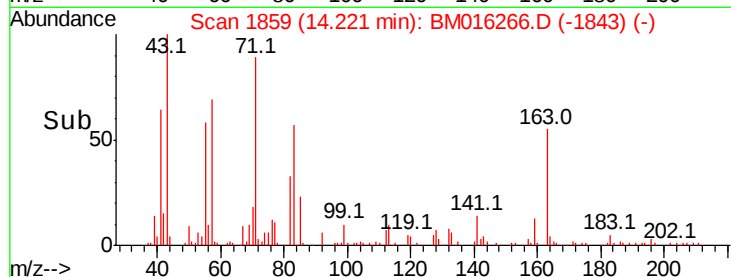
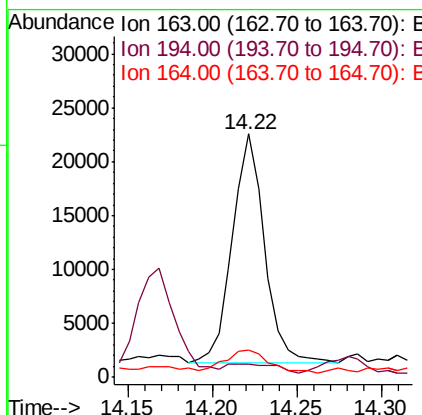
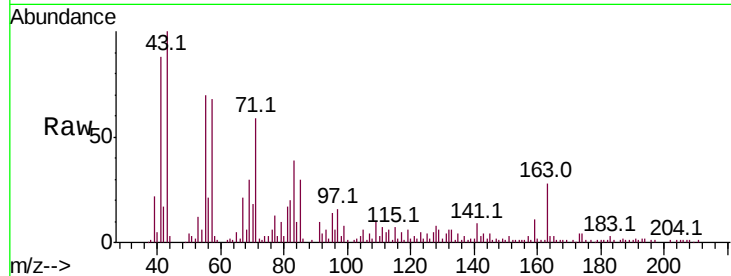
ClientSampleId :

S-2MS

Tot Ion:	163	Resp:	28492
Ion Ratio	Lower	Upper	
163	100		
194	5.5	2.7	4.1#
164	11.1	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 3.852 ng

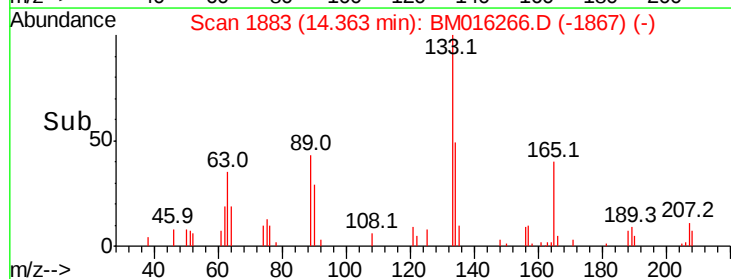
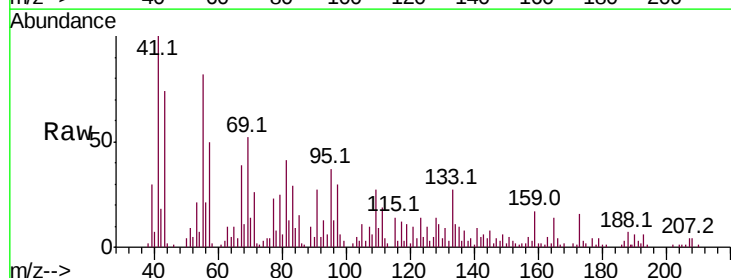
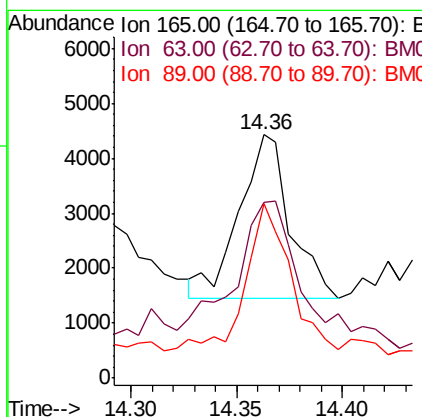
RT: 14.36 min Scan# 1883

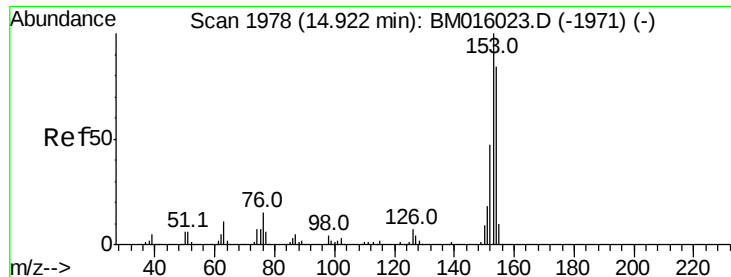
Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion:	165	Resp:	5032
Ion Ratio	Lower	Upper	
165	100		
63	72.0	44.1	66.1#
89	71.8	44.3	66.5#





#51

Acenaphthene

Concen: 3.488 ng

RT: 14.83 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

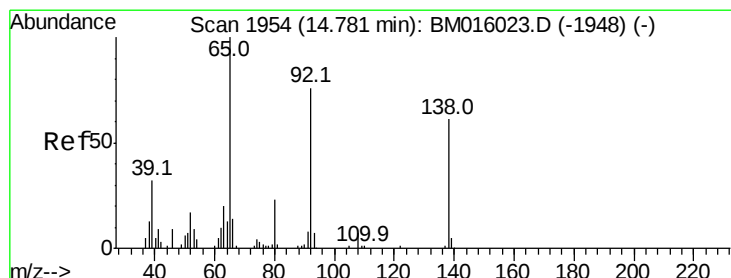
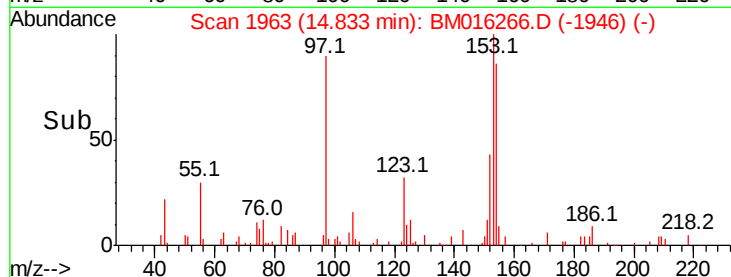
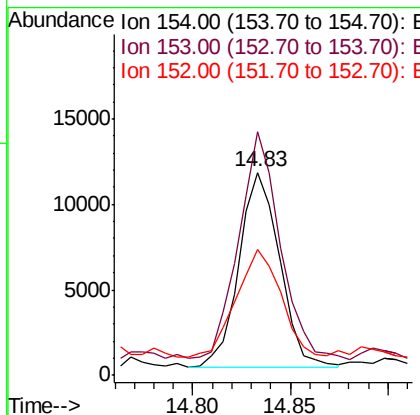
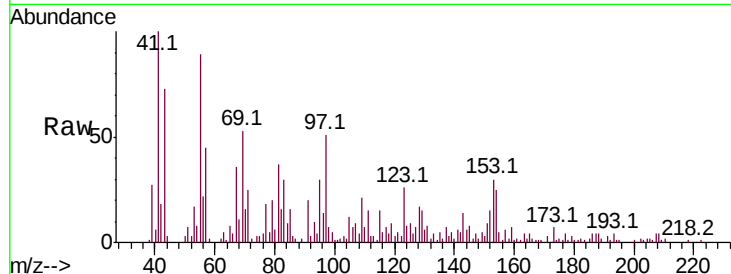
ClientSampleId :

S-2MS

Tot Ion:	154	Resp:	16350
Ion Ratio	Lower	Upper	
154	100		
153	120.0	90.0	135.0
152	61.8	42.6	63.8

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#52

3-Nitroaniline

Concen: 3.551 ng

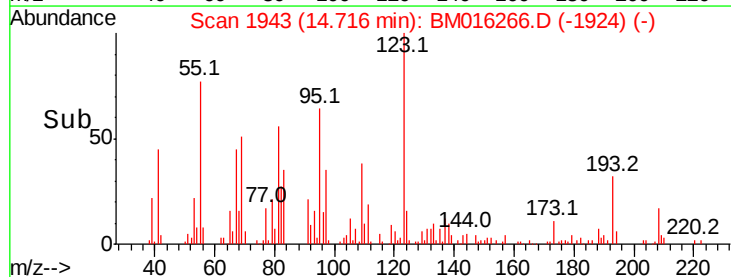
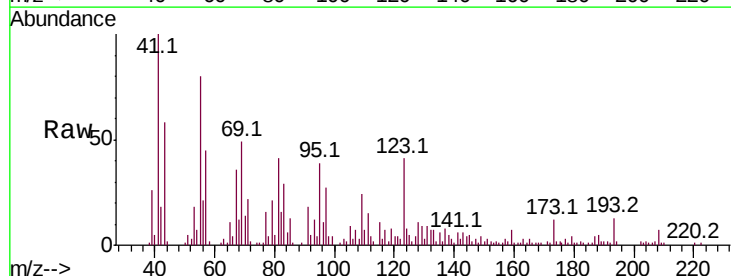
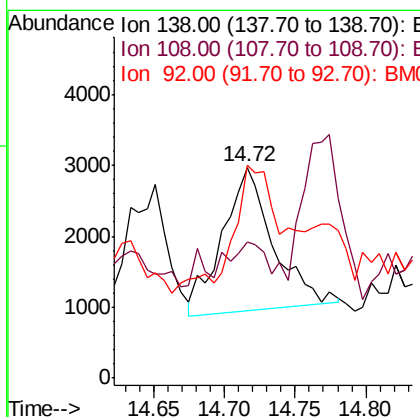
RT: 14.72 min Scan# 1943

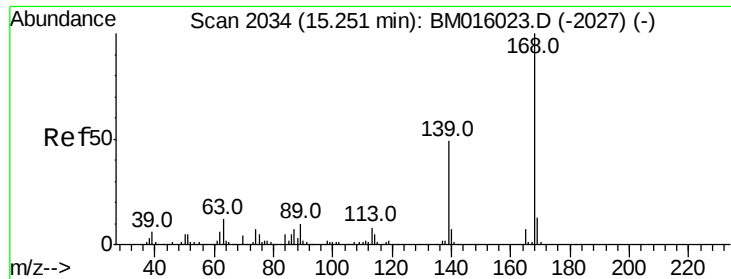
Delta R.T. 0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion:	138	Resp:	5010
Ion Ratio	Lower	Upper	
138	100		
108	64.5	7.3	10.9#
92	101.0	76.6	114.8





#54

Dibenzofuran

Concen: 3.261 ng

RT: 15.17 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

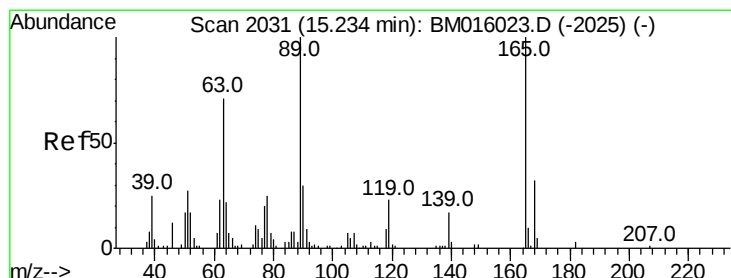
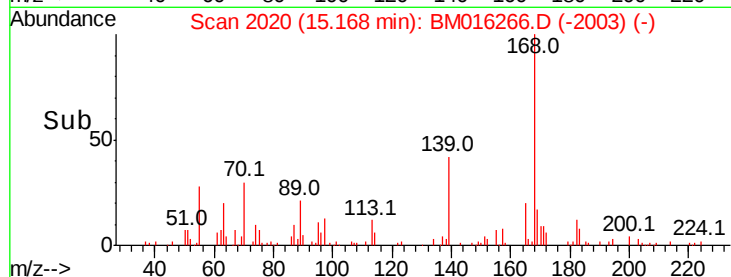
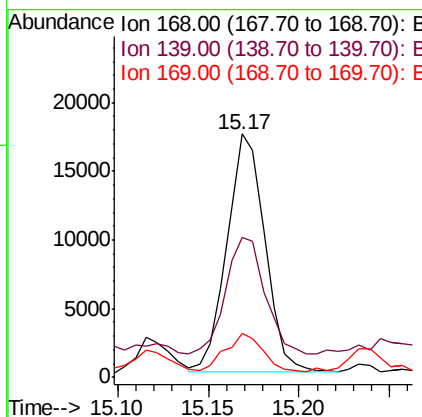
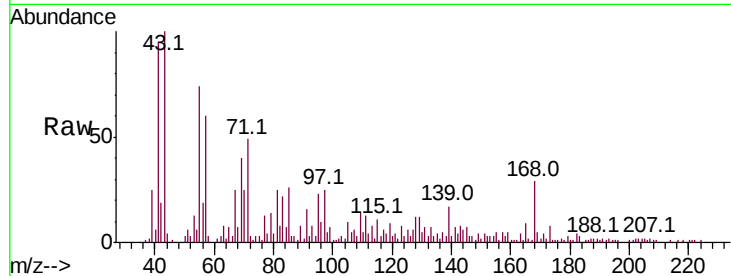
ClientSampleId :

S-2MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	57.7	27.3	40.9#
169	18.3	10.6	16.0#

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#56

2,4-Dinitrotoluene

Concen: 4.967 ng

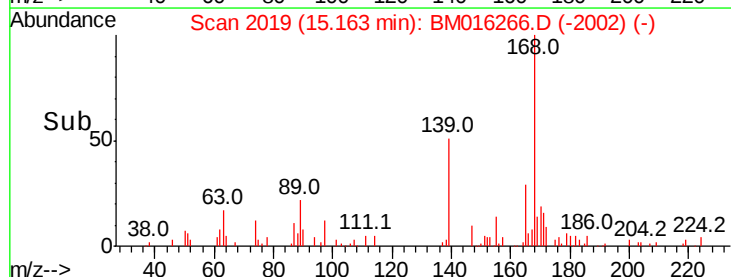
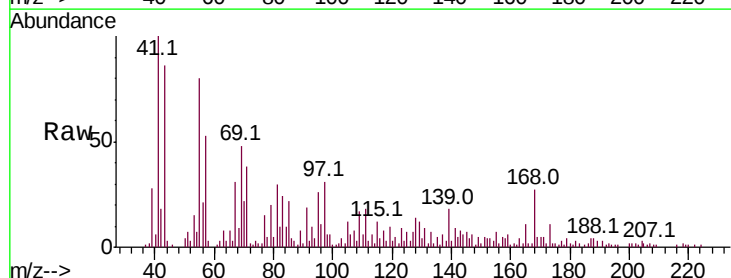
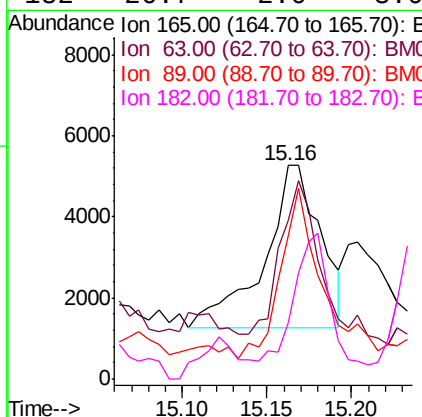
RT: 15.16 min Scan# 2019

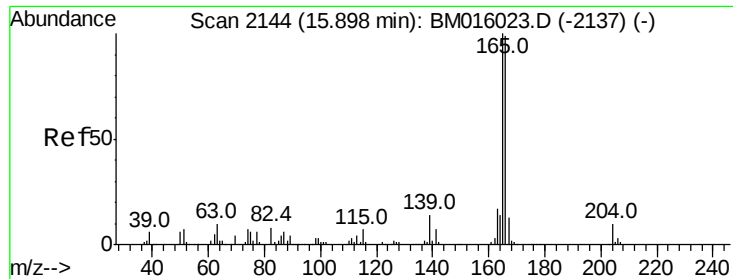
Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	74.4	52.4	78.6
89	67.3	72.4	108.6#
182	26.7	2.0	3.0#





#57

Fluorene

Concen: 3.640 ng

RT: 15.82 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampleId :

S-2MS

Tot Ion:166 Resp: 20898

Ion Ratio Lower Upper

166 100

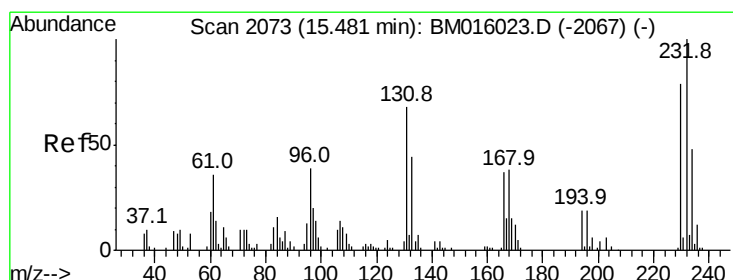
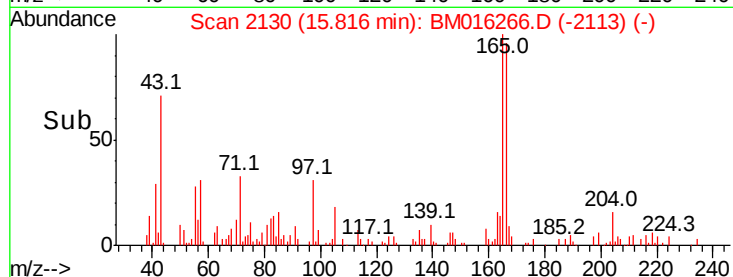
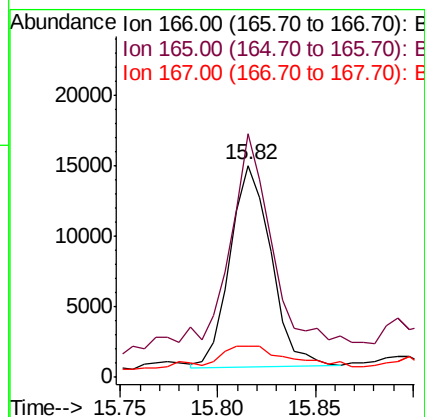
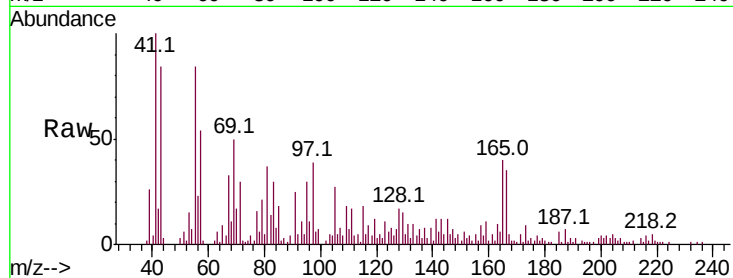
165 114.8 79.0 118.4

167 14.8 10.3 15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 3.770 ng

RT: 15.40 min Scan# 2060

Delta R.T. 0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion:232 Resp: 5282

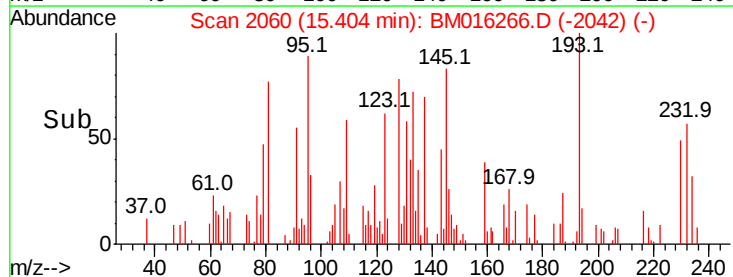
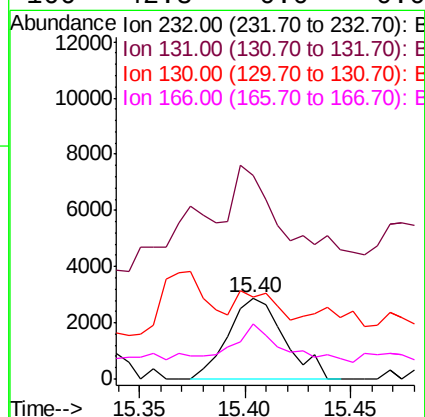
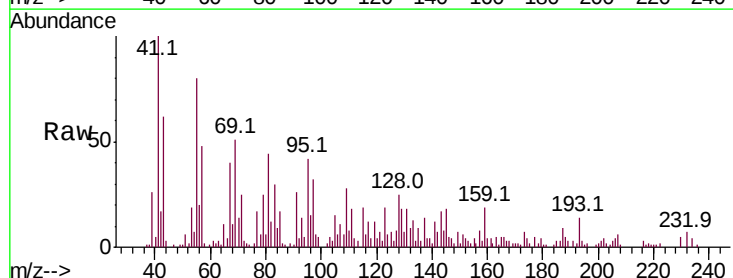
Ion Ratio Lower Upper

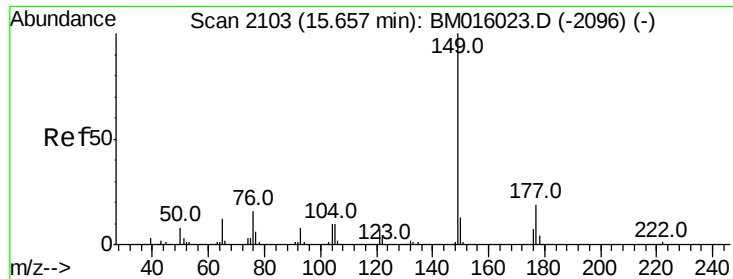
232 100

131 99.0 0.0 0.0#

130 30.3 0.0 0.0#

166 42.8 0.0 0.0#





#59

Diethylphthalate

Concen: 4.642 ng

RT: 15.57 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

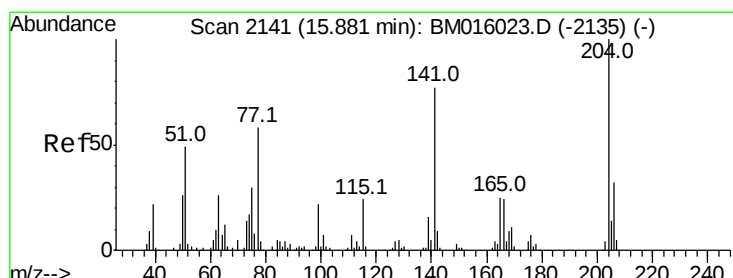
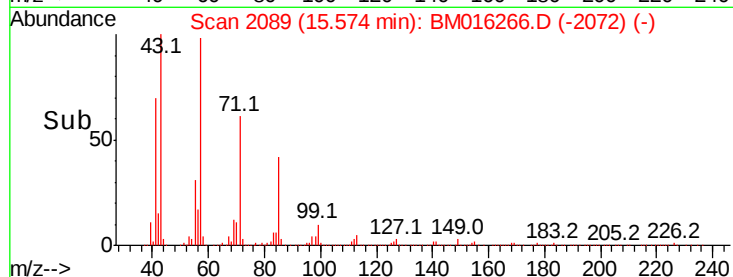
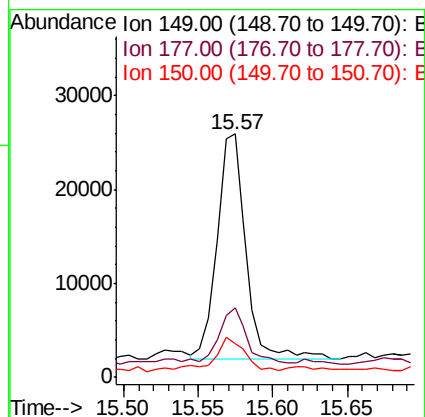
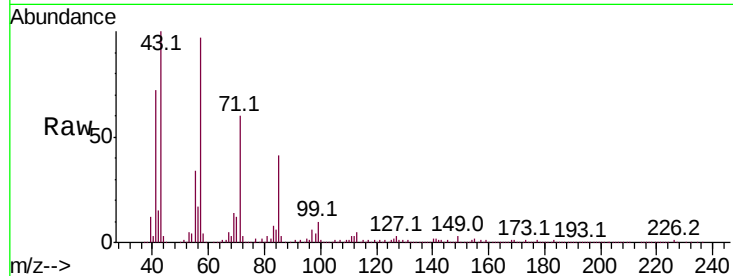
ClientSampled :

S-2MS

Tot Ion:	149	Resp:	32483
Ion Ratio	Lower	Upper	
149	100		
177	28.6	18.3	27.5#
150	13.9	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 3.719 ng

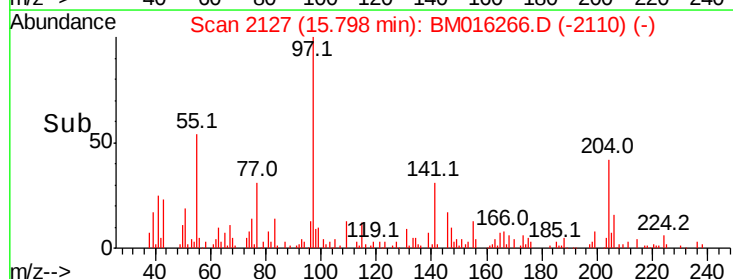
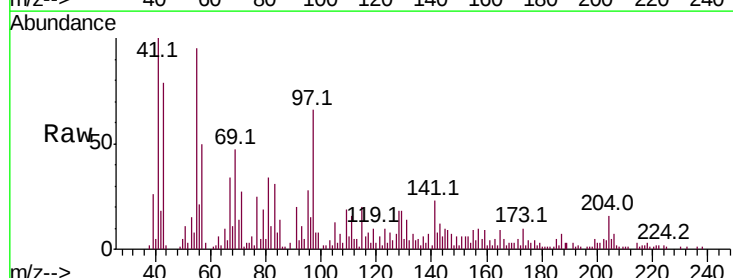
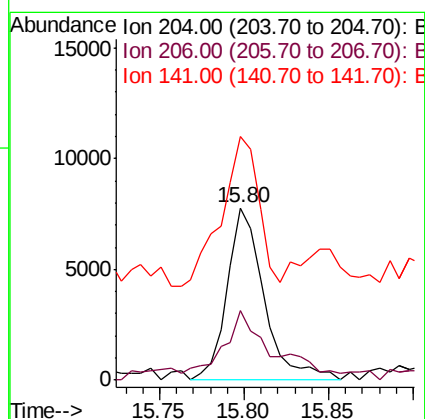
RT: 15.80 min Scan# 2127

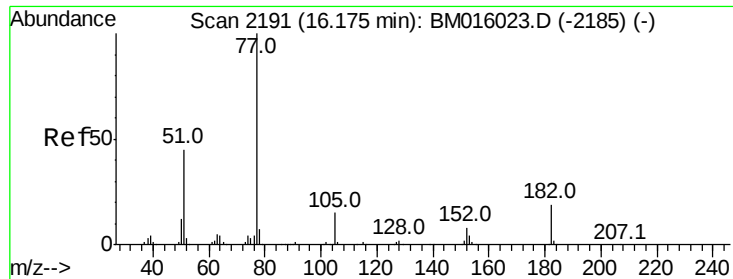
Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion:	204	Resp:	11884
Ion Ratio	Lower	Upper	
204	100		
206	40.1	26.6	39.8#
141	141.1	45.2	67.8#





#62

Azobenzene

Concen: 3.244 ng

RT: 16.09 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

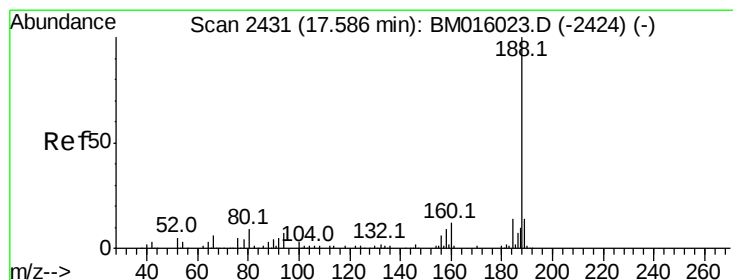
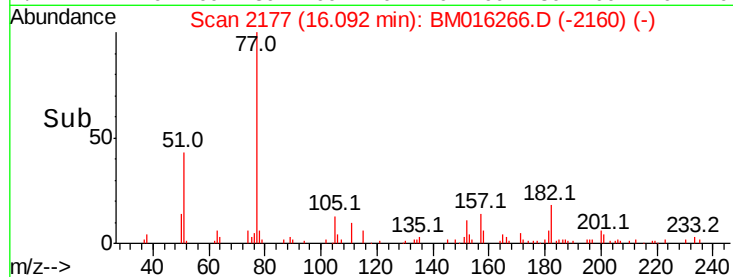
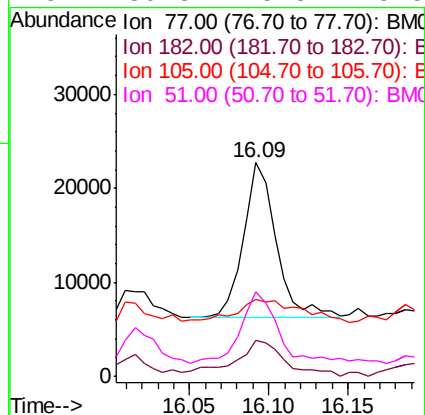
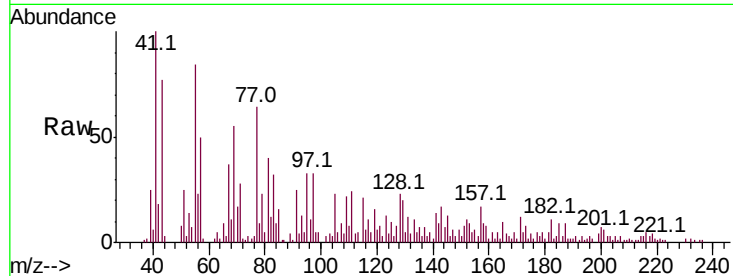
ClientSampleId :

S-2MS

Tot Ion:	77	Resp:	23903
Ion Ratio	Lower	Upper	
77	100		
182	16.7	6.5	46.5
105	35.8	3.8	43.8
51	39.3	5.5	45.5

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#63

Phenanthrene-d10

Concen: 20.000 ng

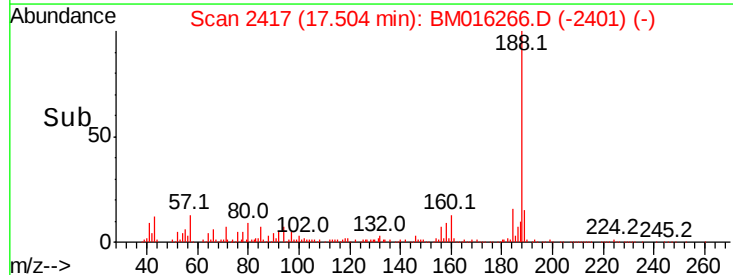
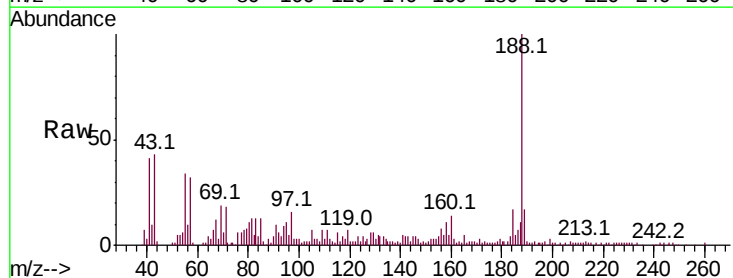
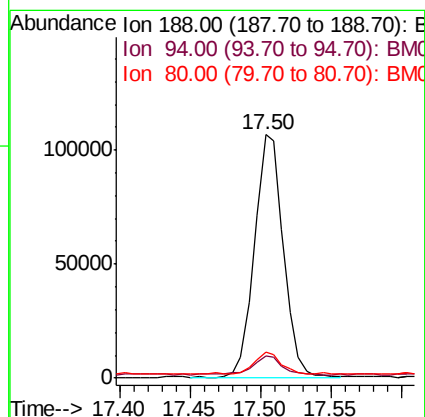
RT: 17.50 min Scan# 2417

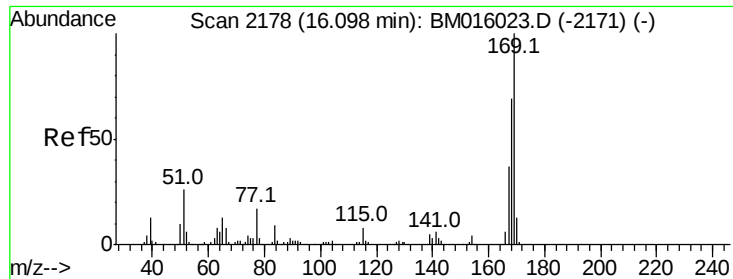
Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion:	188	Resp:	153469
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.7	13.1
80	10.5	9.3	13.9





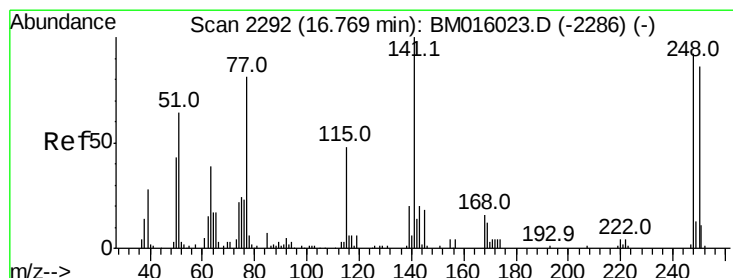
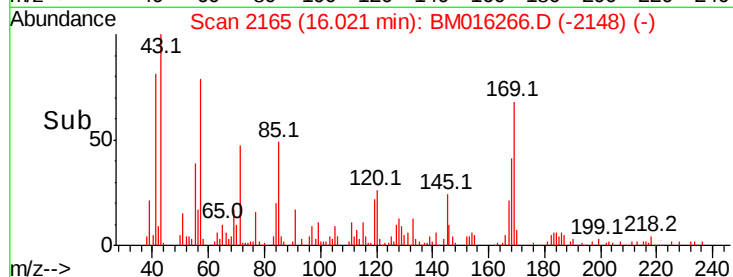
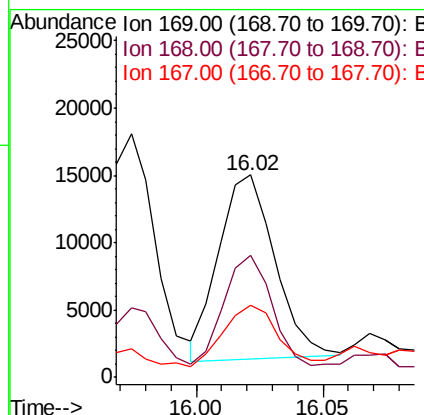
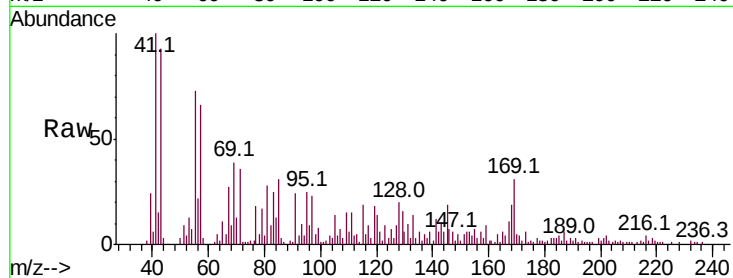
#65
n-Nitrosodiphenylamine
Concen: 4.177 ng
RT: 16.02 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampled :
S-2MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	21106		
168	60.3	53.9	80.9	
167	35.8	28.9	43.3	

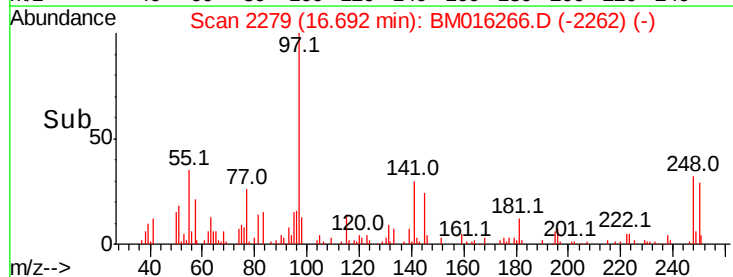
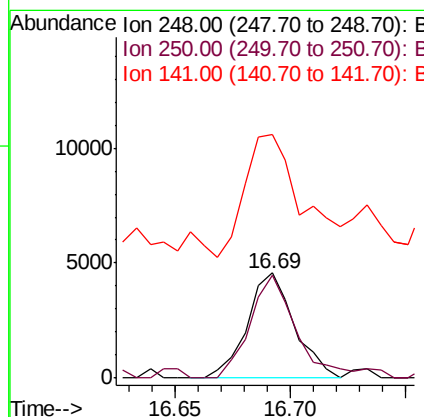
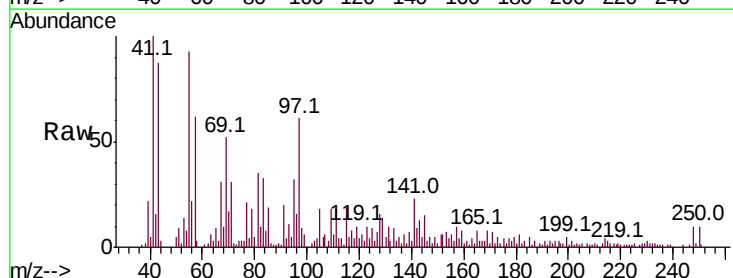
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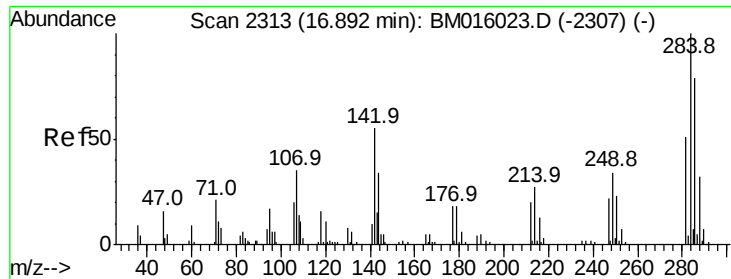
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 3.738 ng
RT: 16.69 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	6496		
250	97.6	77.4	116.0	
141	231.6	45.2	67.8#	





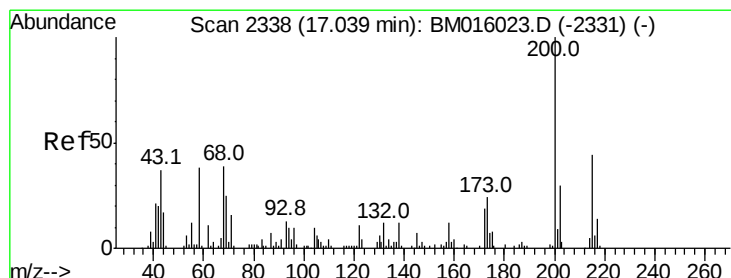
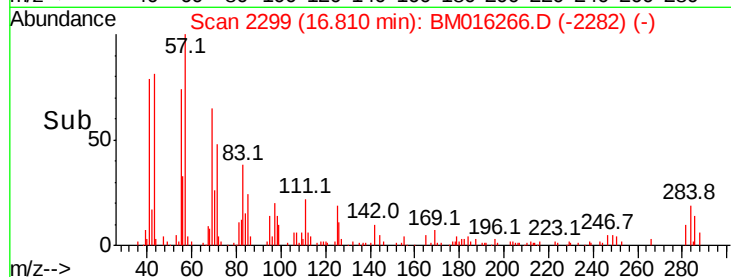
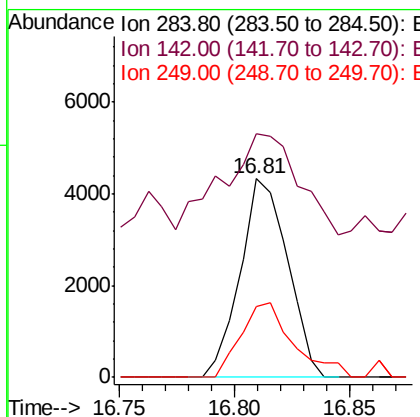
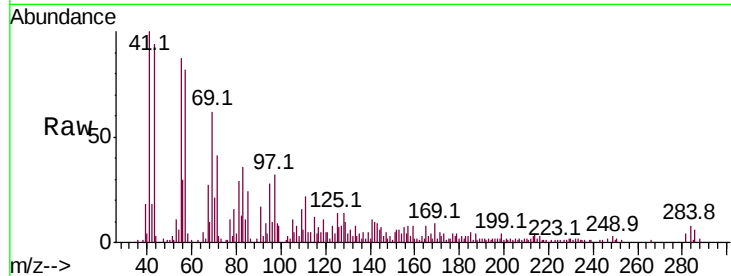
#67
Hexachlorobenzene
Concen: 3.241 ng
RT: 16.81 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :
S-2MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	122.6	20.4	30.6#
249	35.5	23.8	35.6

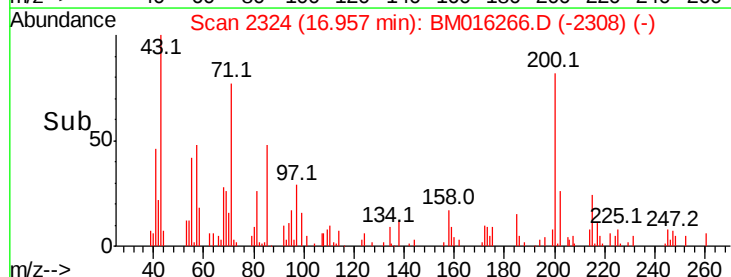
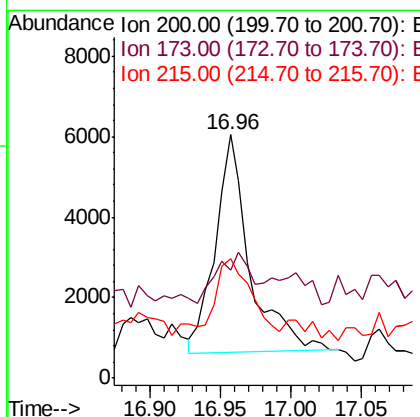
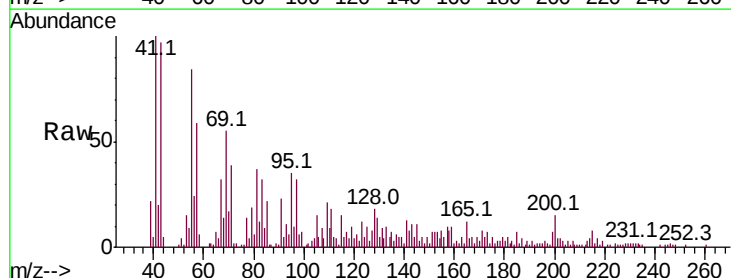
Manual Integrations
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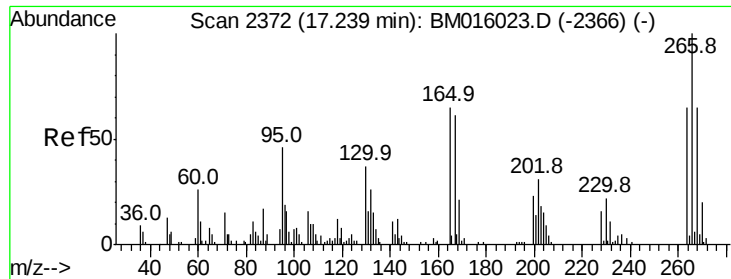
Sohil
8/9/2018 2:24:12 PM



#68
Atrazine
Concen: 5.060 ng
RT: 16.96 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	44.5	4.8	44.8
215	49.1	26.9	66.9





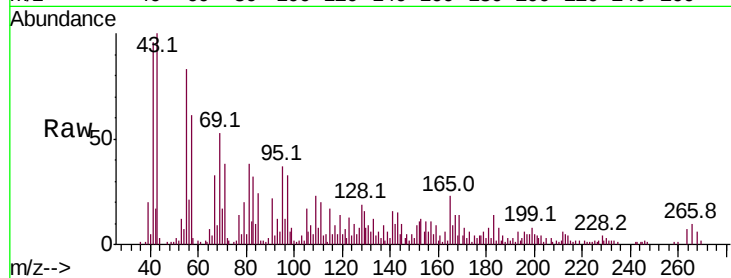
#69
 Pentachlorophenol
 Concen: 4.464 ng
 RT: 17.16 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Instrument :
 BNA_M
 ClientSampled :
 S-2MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	60.0	52.0	78.0	
264	72.6	49.0	73.4	

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 8/9/2018 2:24:12 PM

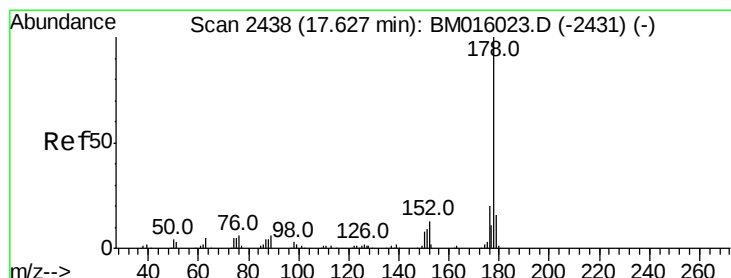
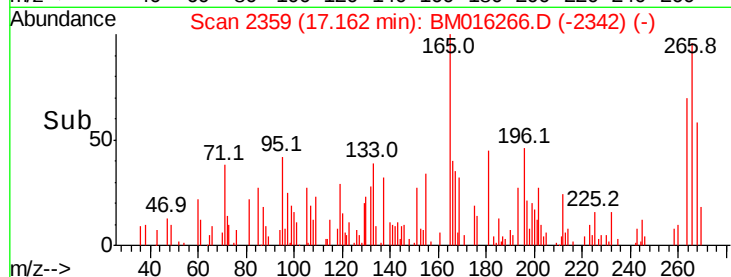
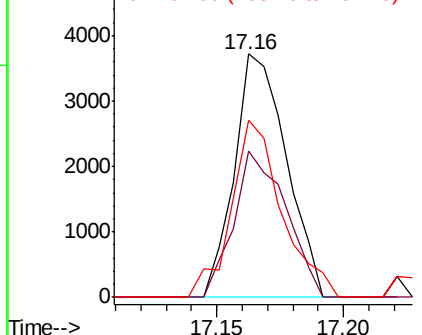


Abundance

Ion 265.70 (265.40 to 266.40): E

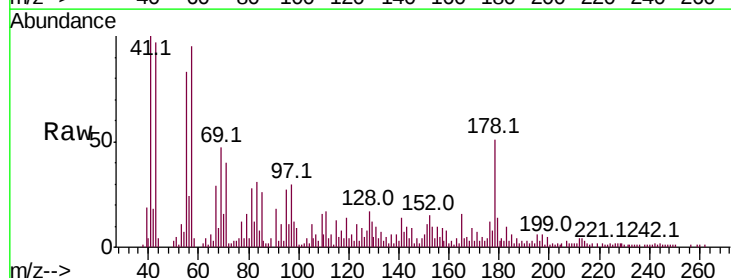
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 3.445 ng
 RT: 17.55 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	22.8	15.2	22.8#	
179	27.1	12.1	18.1#	

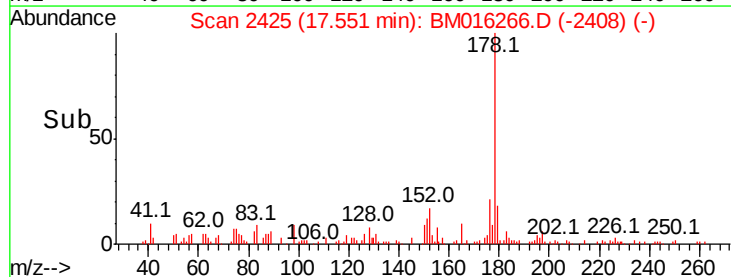
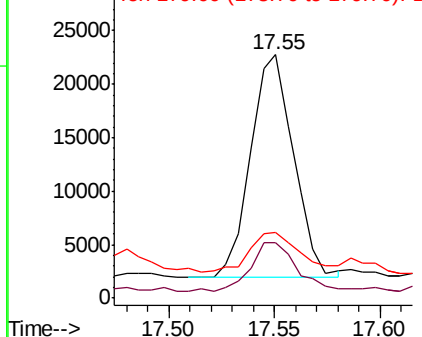


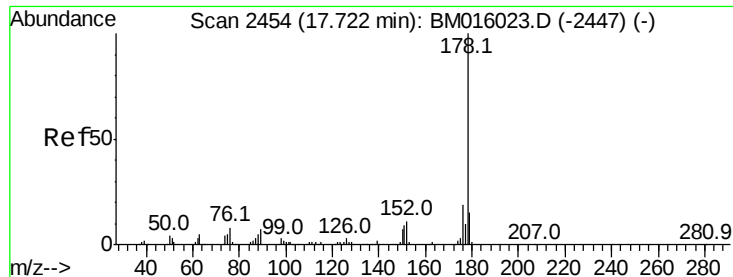
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





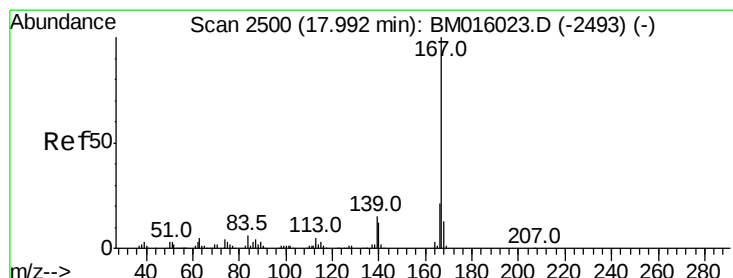
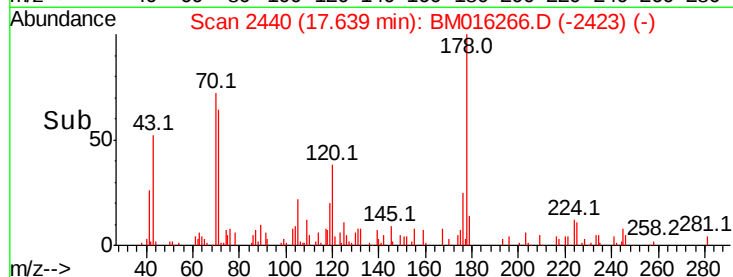
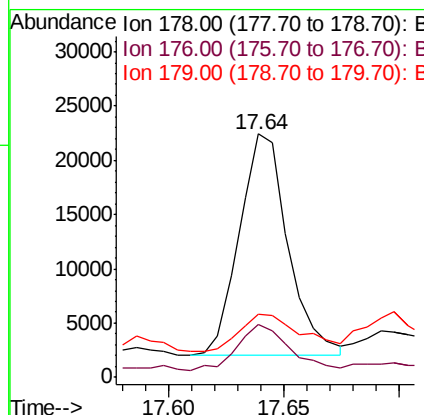
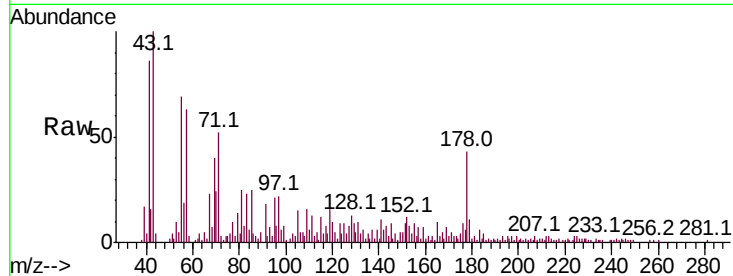
#71
 Anthracene
 Concen: 3.583 ng
 RT: 17.64 min Scan# 2440
 Delta R.T. 0.00 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Instrument :
 BNA_M
 ClientSampleId :
 S-2MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.7	14.6	22.0
179	25.9	12.6	19.0

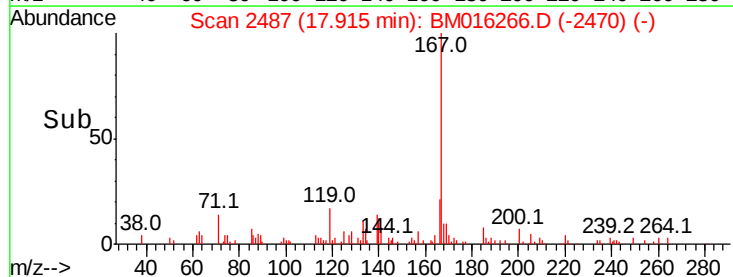
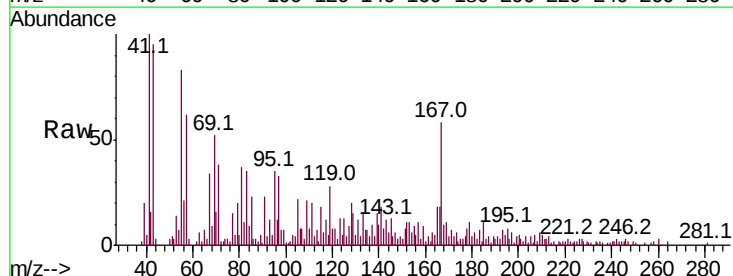
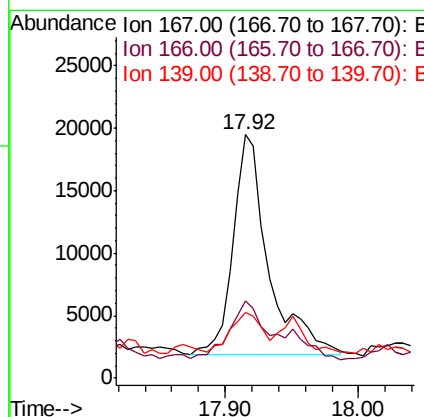
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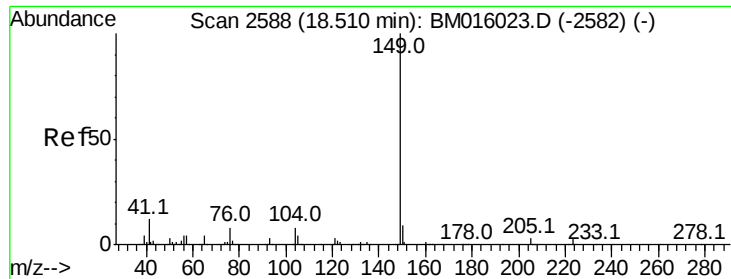
Sohil
 8/9/2018 2:24:12 PM



#72
 Carbazole
 Concen: 3.743 ng
 RT: 17.92 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	31.6	17.2	25.8
139	26.8	10.8	16.2





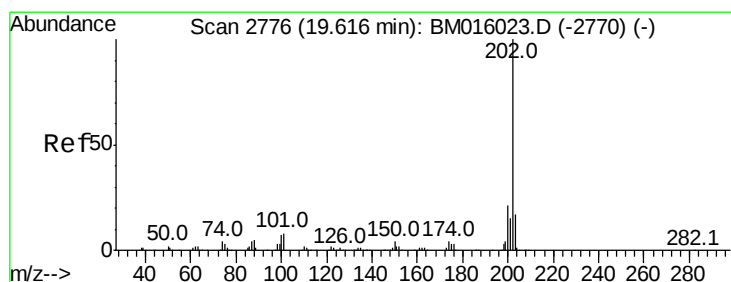
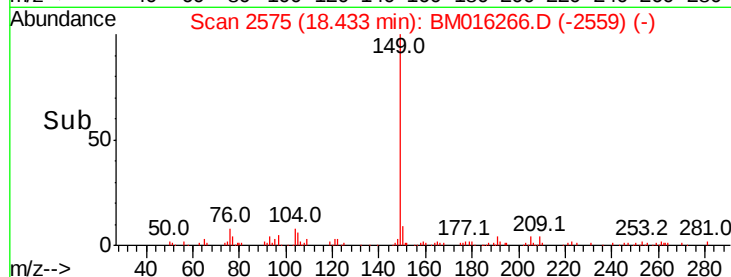
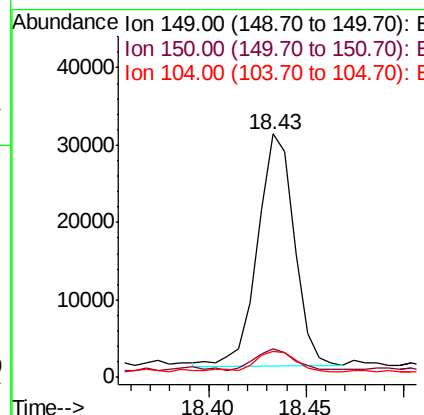
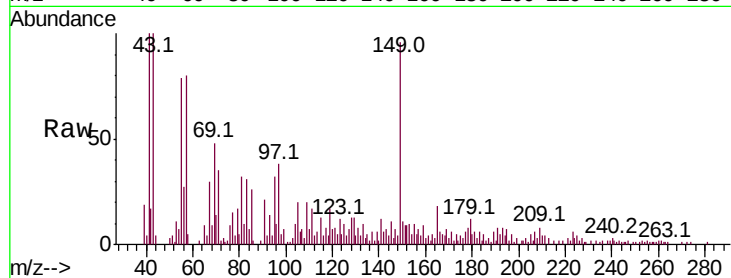
#73
Di-n-butylphthalate
Concen: 3.609 ng
RT: 18.43 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :
S-2MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	11.5	7.5	11.3#	
104	10.7	3.7	5.5#	

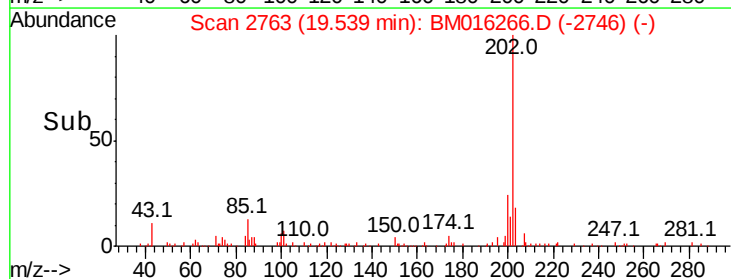
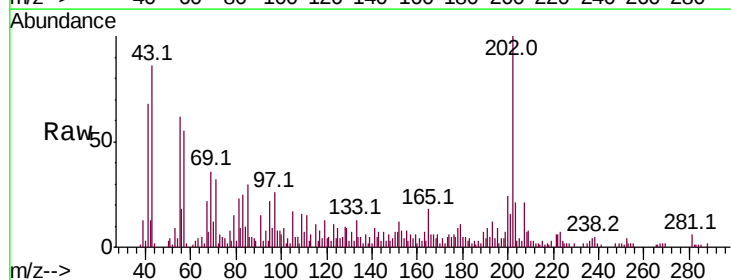
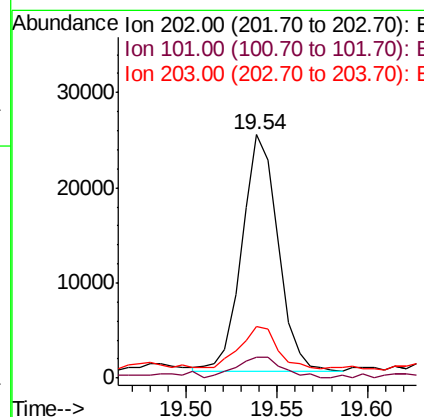
Manual Integrations
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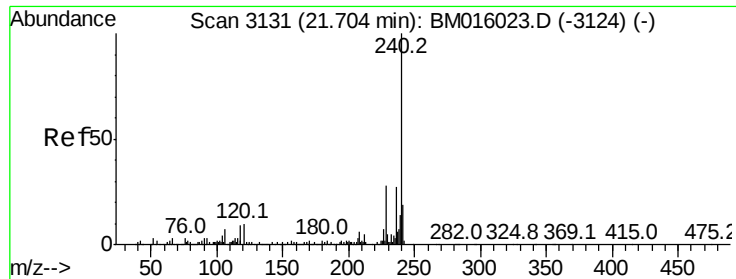
Sohil
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#74
Fluoranthene
Concen: 3.569 ng
RT: 19.54 min Scan# 2763
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	8.7	0.0	28.7	
203	21.0	0.0	37.2	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

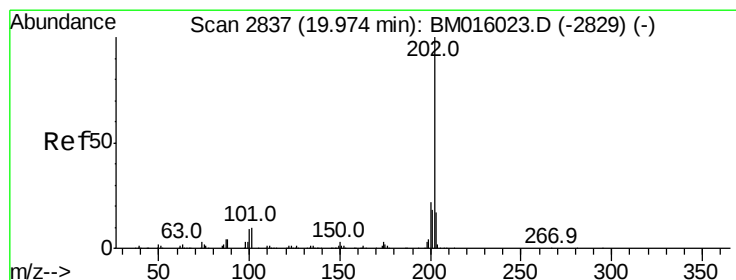
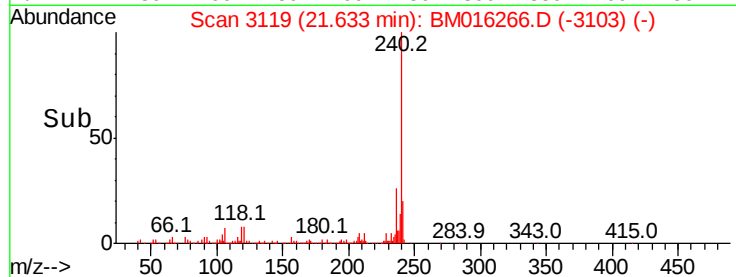
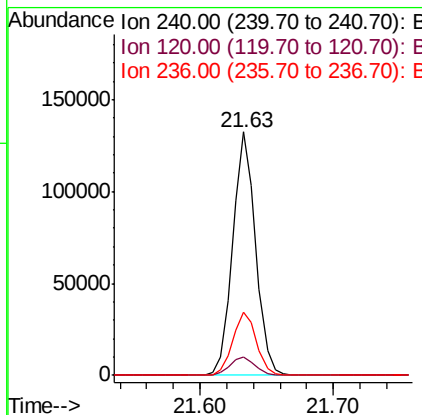
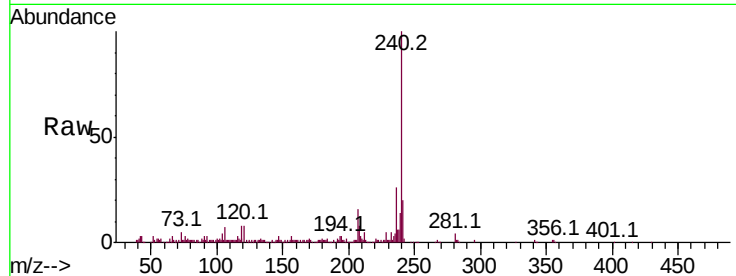
ClientSampleId :

S-2MS

Tot Ion:	240	Resp:	158342
Ion Ratio	Lower	Upper	
240	100		
120	7.8	8.2	12.2#
236	25.8	20.0	30.0

Manual Integrations
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8/9/2018 2:24:12 PM



#77

Pyrene

Concen: 4.479 ng

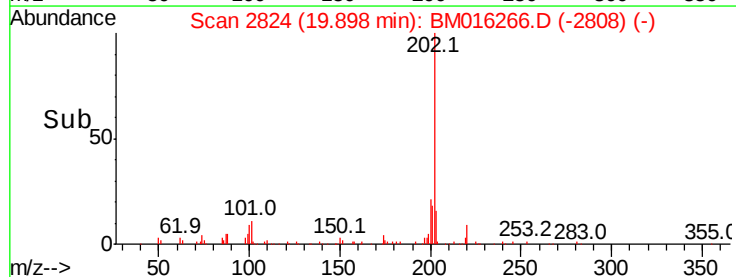
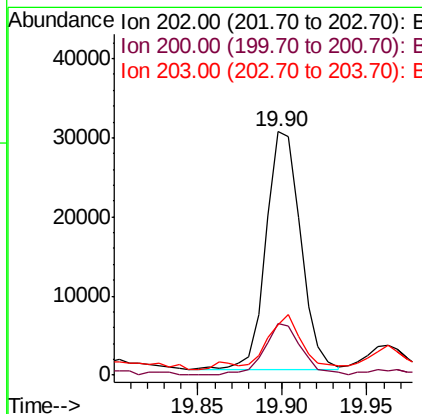
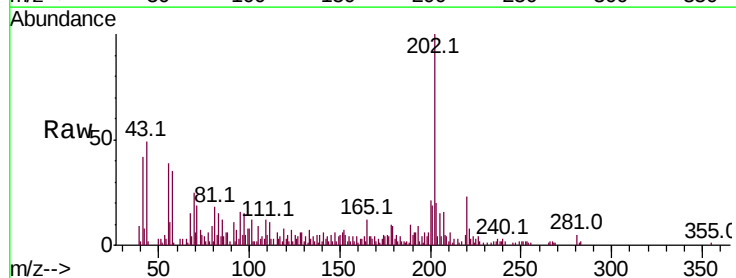
RT: 19.90 min Scan# 2824

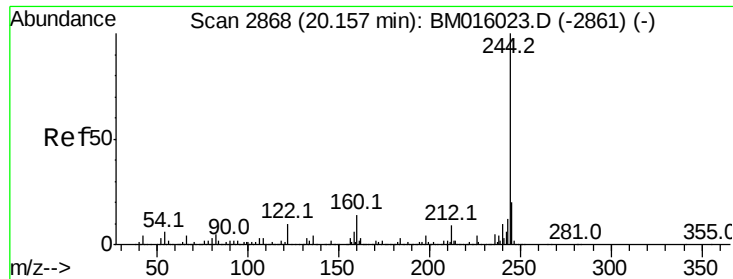
Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion:	202	Resp:	42497
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.9	25.3
203	20.5	14.1	21.1





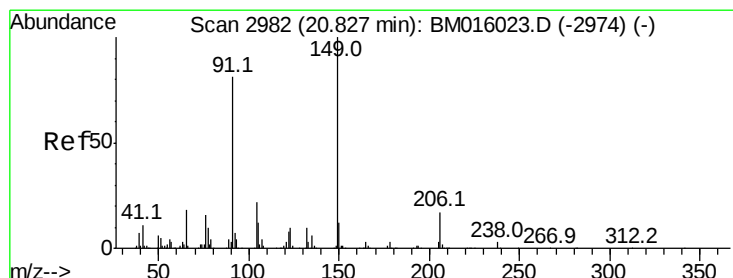
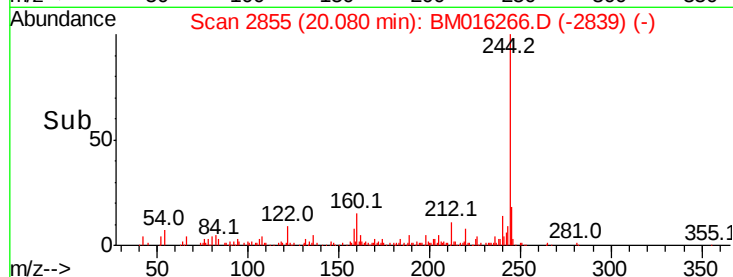
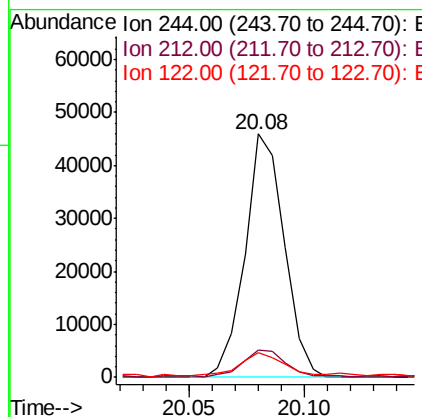
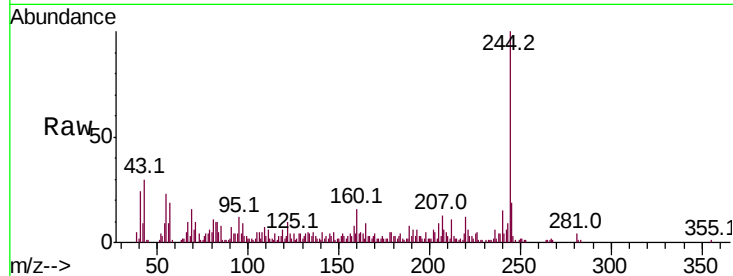
#78
 Terphenyl-d14
 Concen: 4.479 ng
 RT: 20.08 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Instrument :
 BNA_M
 ClientSampleId :
 S-2MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	11.2	4.9	7.3#
122	10.2	6.2	9.4#

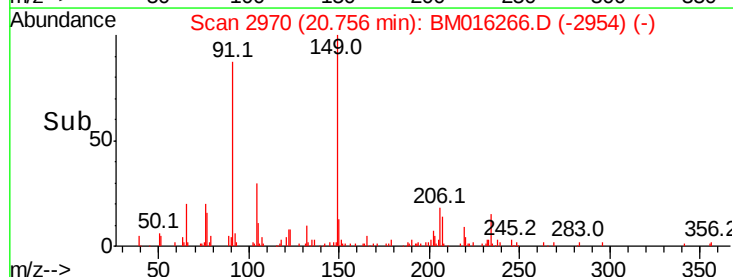
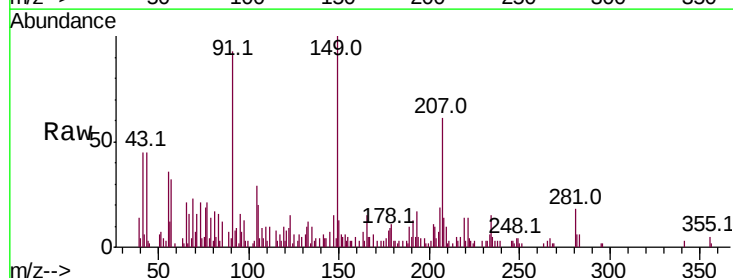
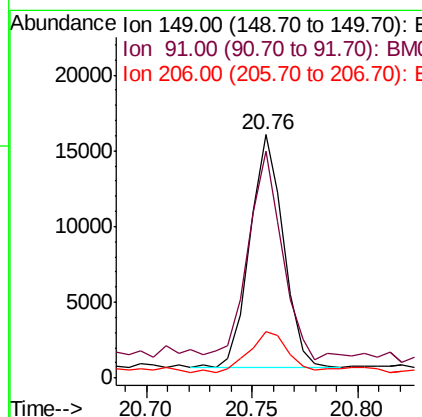
Manual Integrations
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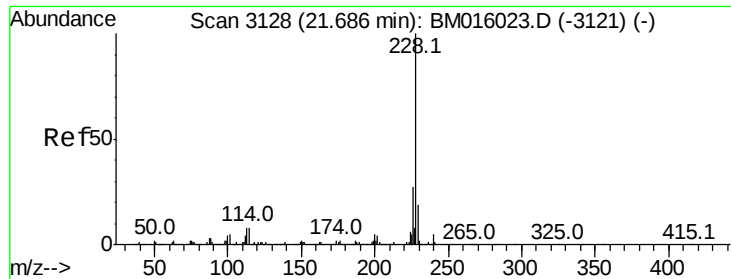
Sohil
 8/9/2018 2:24:12 PM



#79
 Butylbenzylphthalate
 Concen: 3.522 ng
 RT: 20.76 min Scan# 2970
 Delta R.T. -0.01 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	93.1	50.1	75.1#
206	19.4	16.2	24.2





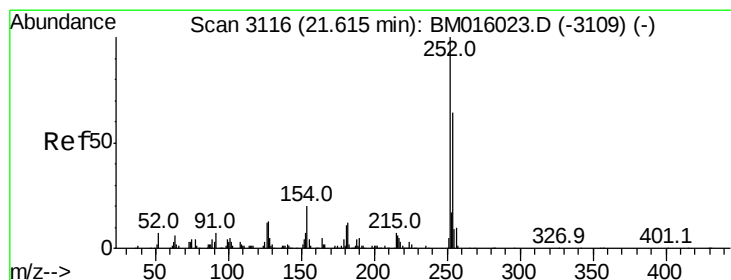
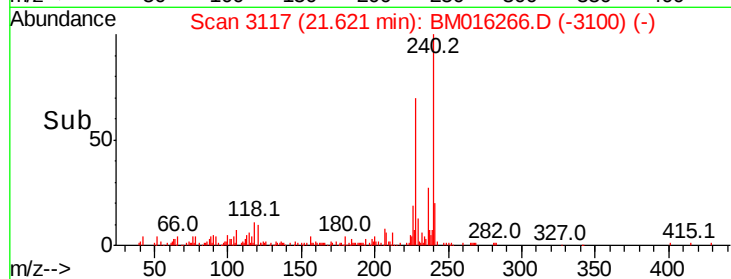
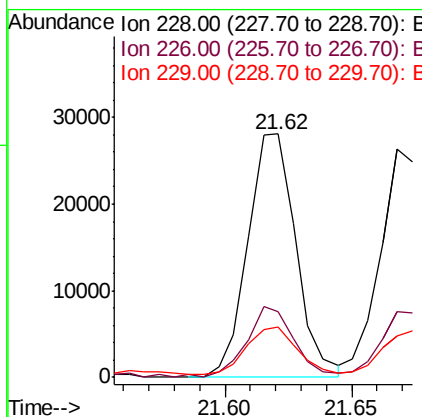
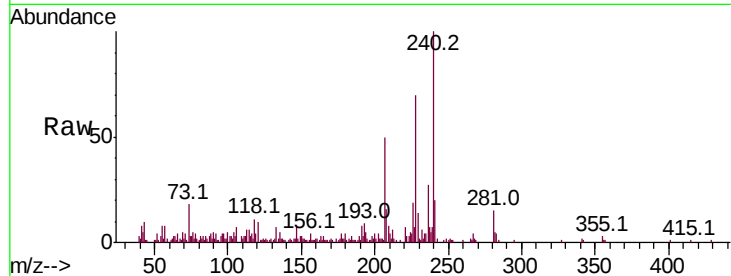
#80
Benzo(a)anthracene
Concen: 3.827 ng
RT: 21.62 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampled :
S-2MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	20.8	16.0	24.0

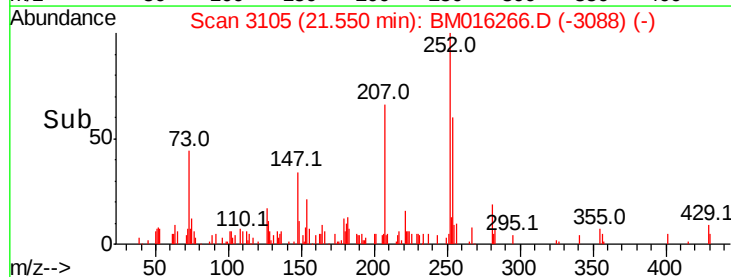
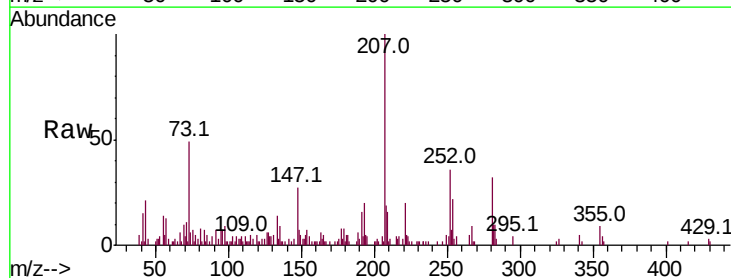
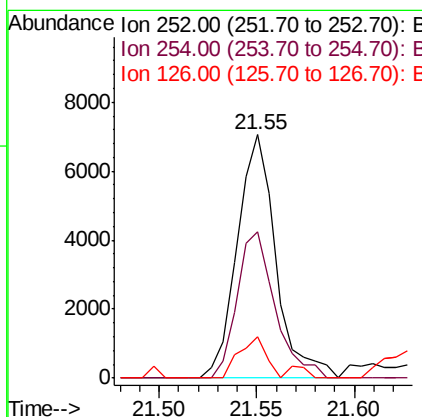
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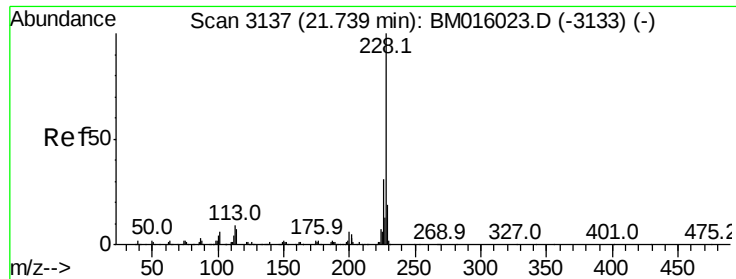
Sohil
8/9/2018 2:24:12 PM



#81
3,3'-Dichlorobenzidine
Concen: 2.461 ng
RT: 21.55 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.0	51.9	77.9
126	16.8	9.8	14.8





#82

Chrysene

Concen: 3.663 ng

RT: 21.67 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

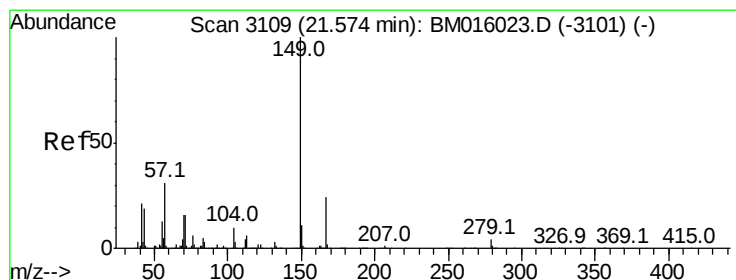
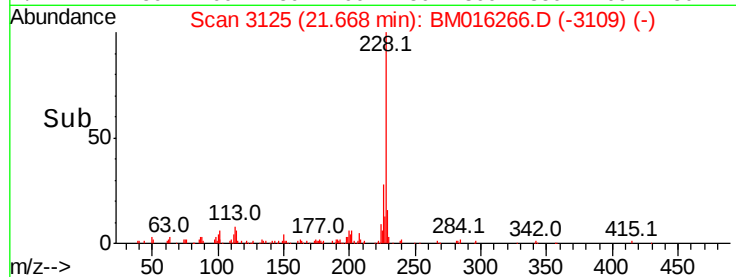
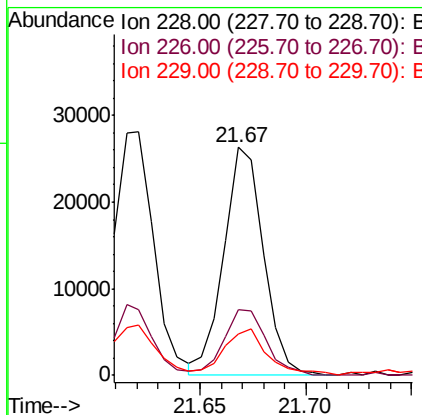
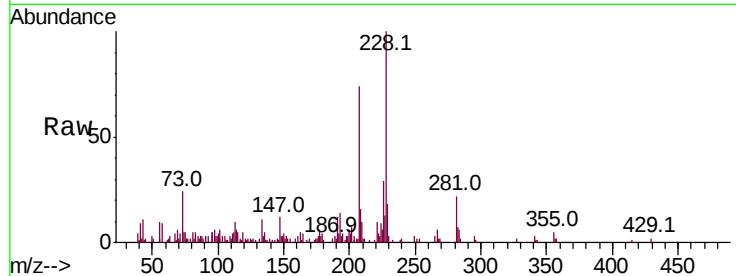
ClientSampled :

S-2MS

Tot Ion:	228	Resp:	34271
Ion Ratio	Lower	Upper	
228	100		
226	28.8	24.1	36.1
229	18.2	15.5	23.3

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 3.926 ng

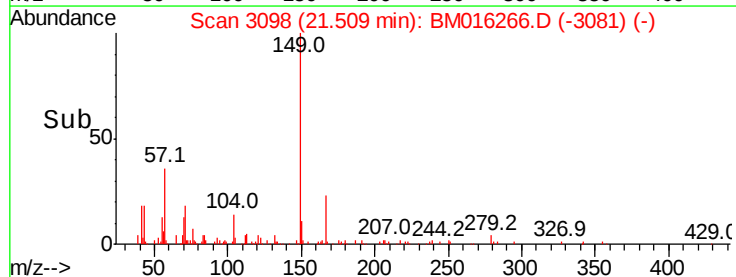
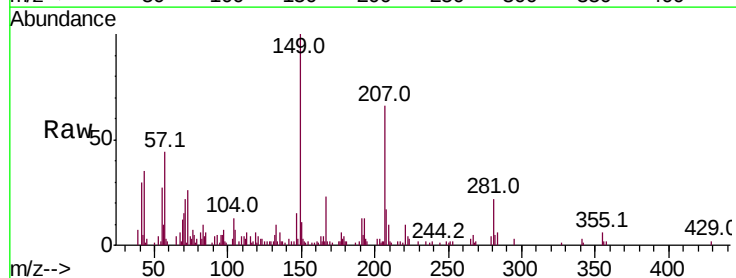
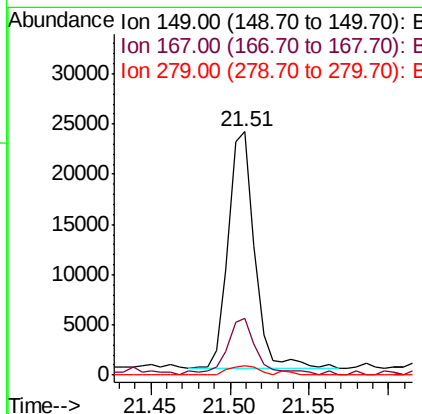
RT: 21.51 min Scan# 3098

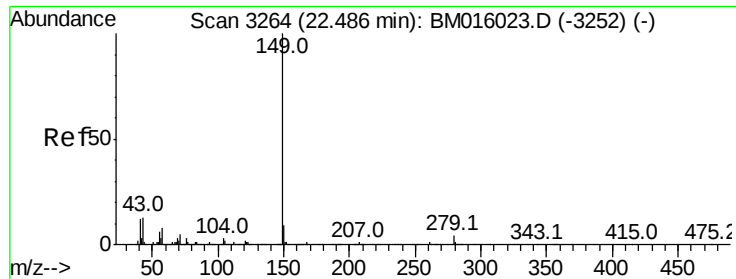
Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion:	149	Resp:	27428
Ion Ratio	Lower	Upper	
149	100		
167	23.2	22.4	33.6
279	3.9	3.4	5.0





#84

Di-n-octyl phthalate

Concen: 3.611 ng

RT: 22.41 min Scan# 3251

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

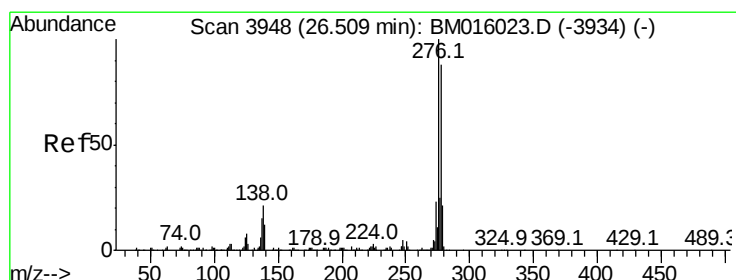
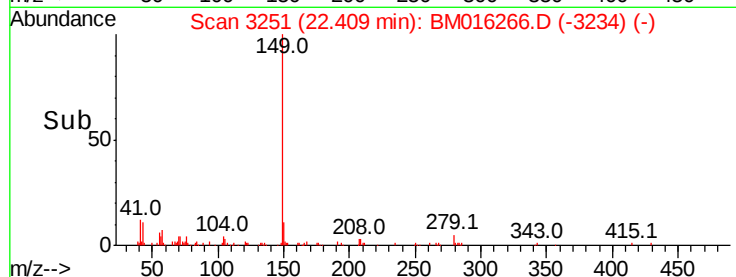
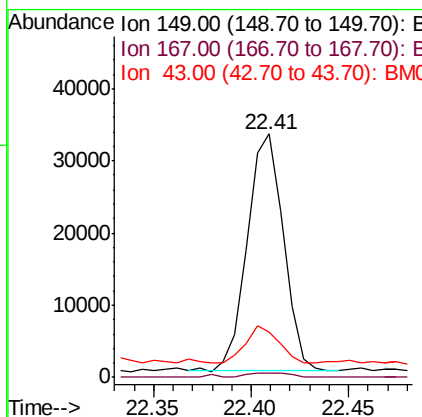
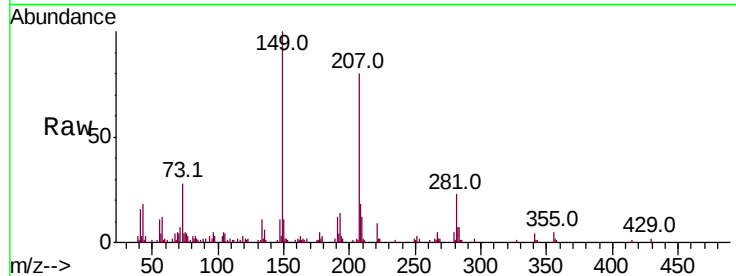
ClientSampleId :

S-2MS

Tot Ion:	149	Resp:	42404
Ion Ratio	Lower	Upper	
149	100		
167	2.0	1.2	1.8#
43	14.2	7.3	10.9#

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.743 ng

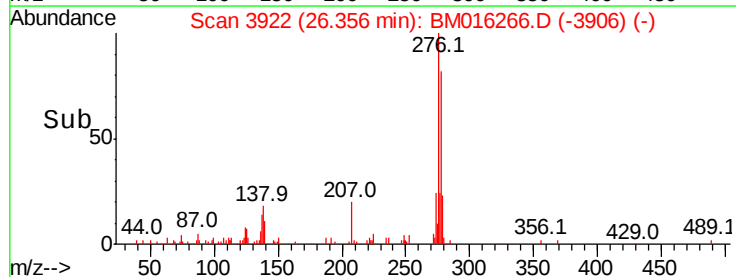
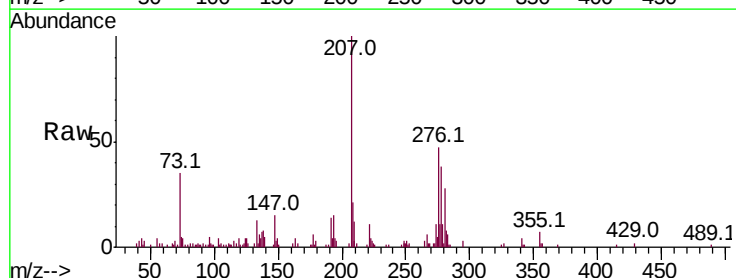
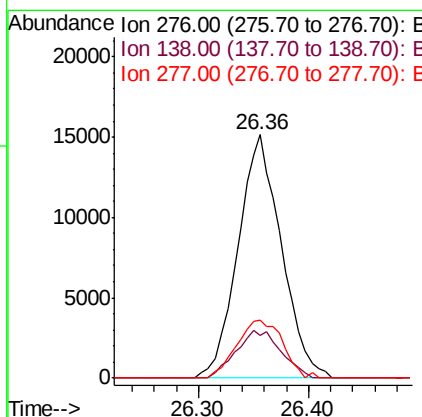
RT: 26.36 min Scan# 3922

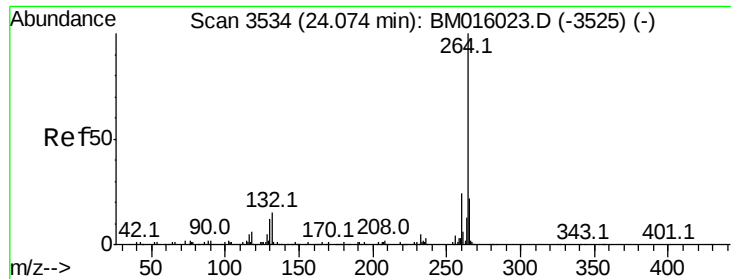
Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion:	276	Resp:	41552
Ion Ratio	Lower	Upper	
276	100		
138	20.4	12.0	18.0#
277	25.3	20.0	30.0





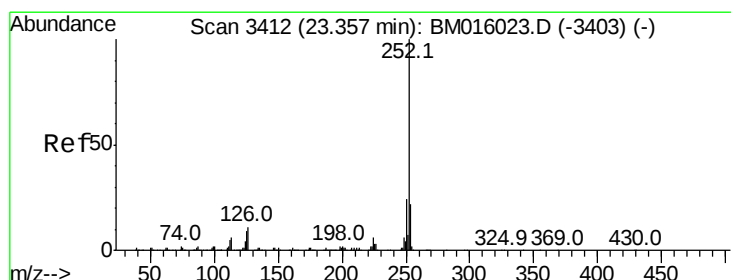
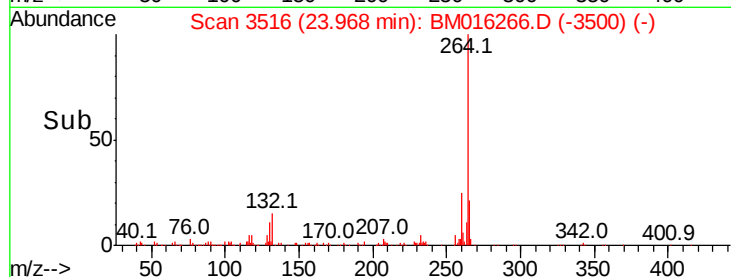
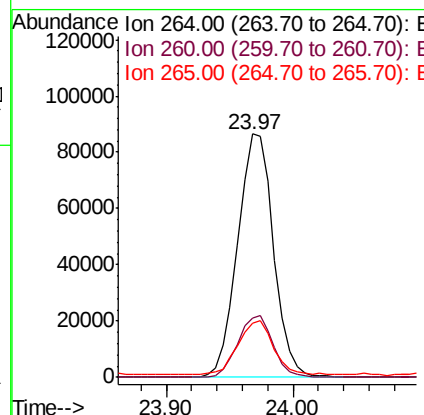
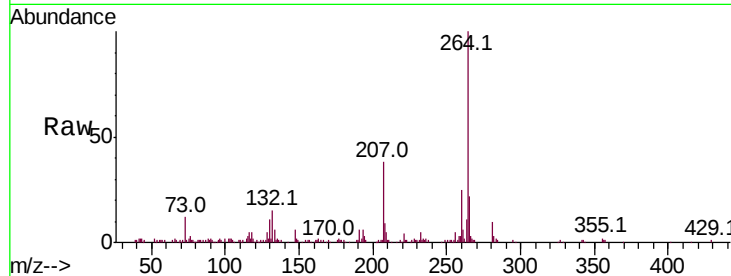
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.97 min Scan# 3516
 Delta R.T. -0.01 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Instrument :
 BNA_M
 ClientSampled :
 S-2MS

Tot Ion:	264	Resp:	168720
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.6	27.8
265	22.3	17.3	25.9

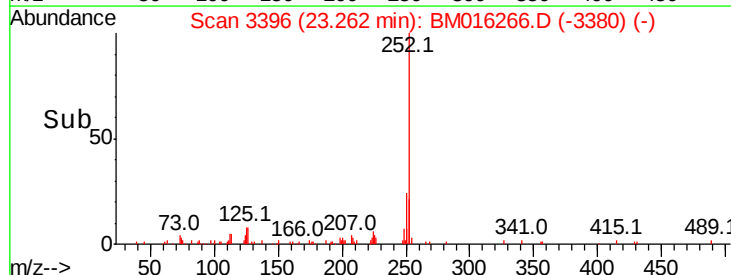
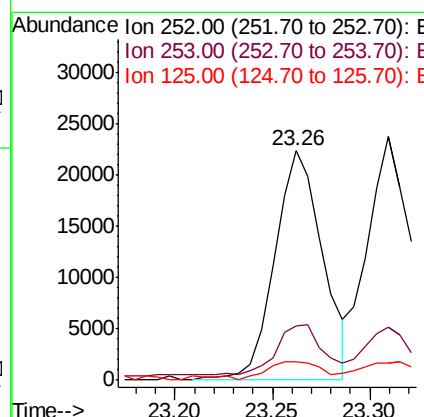
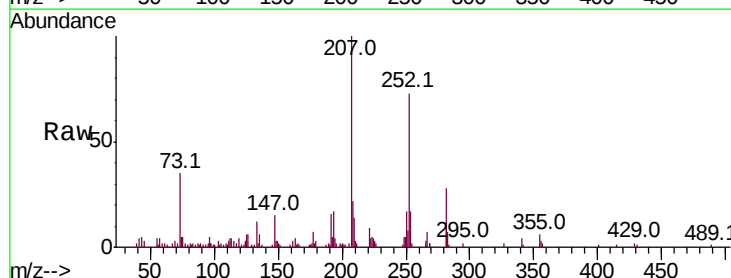
Manual Integrations
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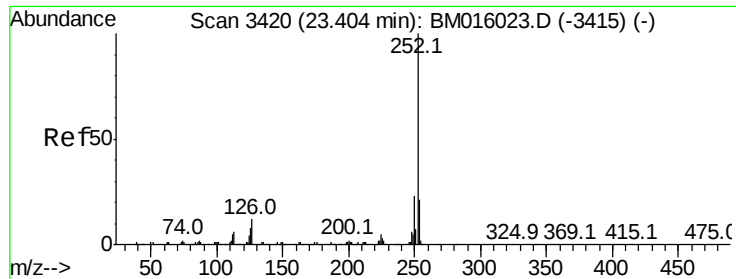
Sohil
 8/9/2018 2:24:12 PM



#87
 Benzo(b)fluoranthene
 Concen: 3.834 ng
 RT: 23.26 min Scan# 3396
 Delta R.T. -0.01 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Tgt Ion:	252	Resp:	38086
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.0	27.0
125	8.1	9.9	14.9#





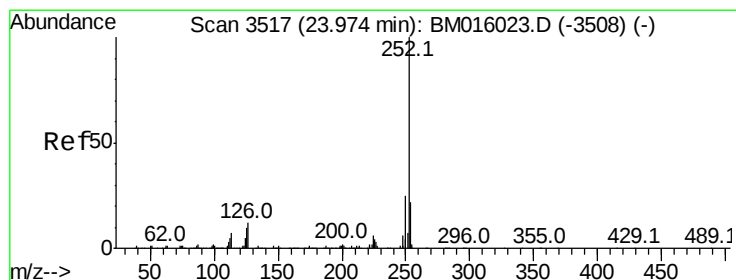
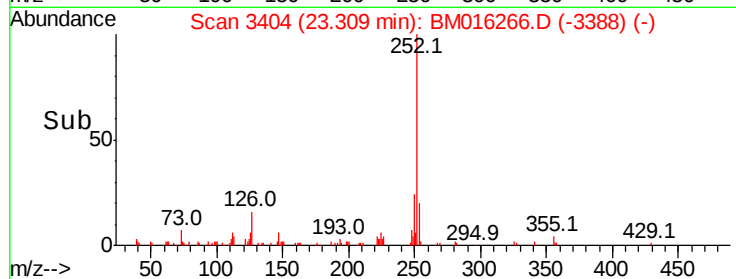
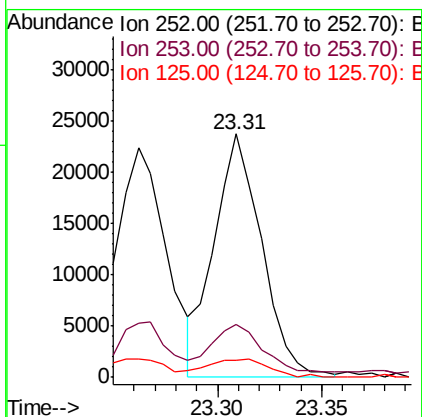
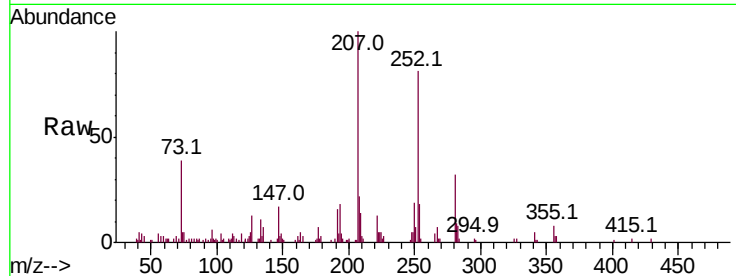
#88
Benzo(k)fluoranthene
Concen: 3.750 ng m
RT: 23.31 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :
S-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	6.8	8.1	12.1

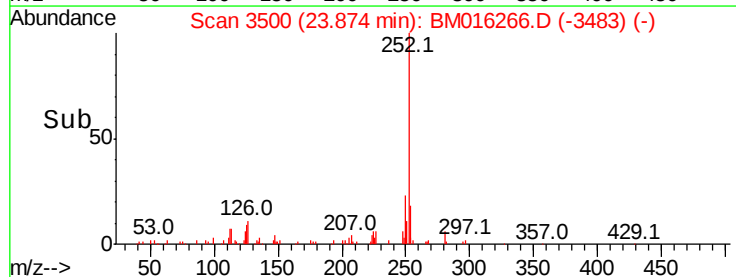
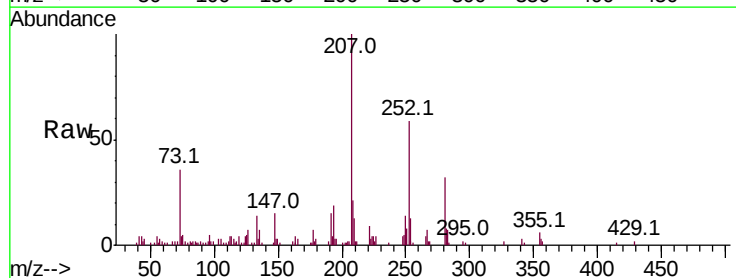
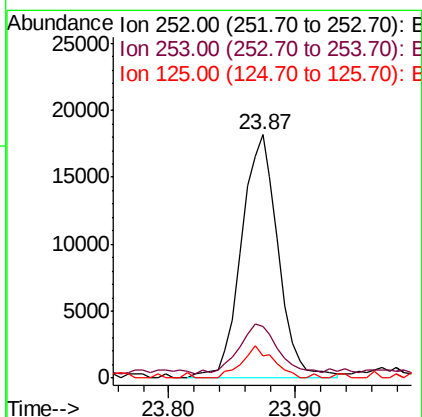
Manual Integrations
APPROVED

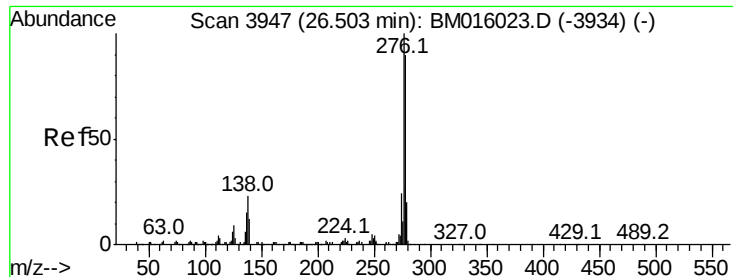
Sohil
8/9/2018 2:24:12 PM



#89
Benzo(a)pyrene
Concen: 3.832 ng
RT: 23.87 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	9.2	7.4	11.2





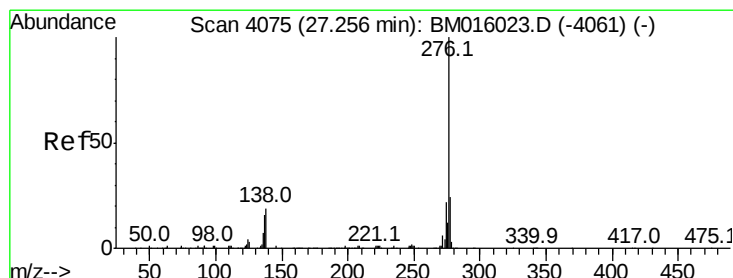
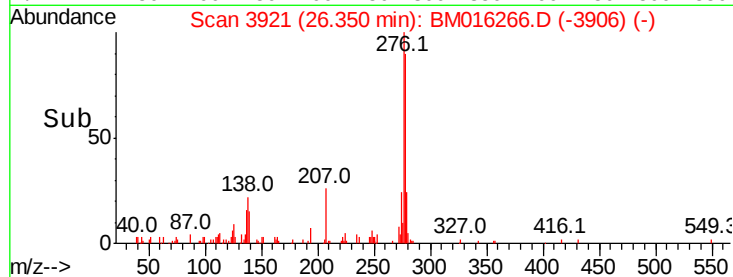
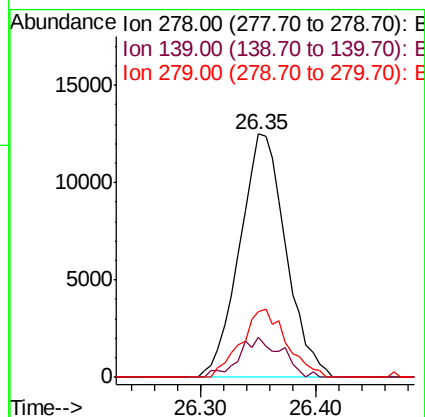
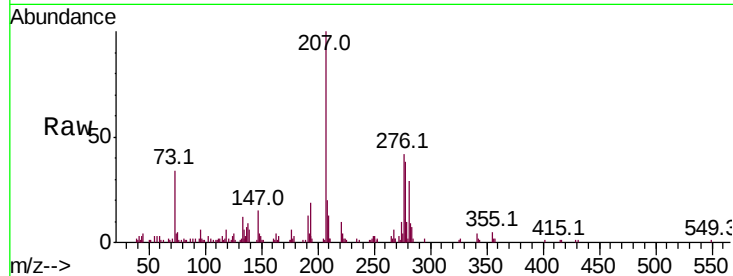
#90
Dibenzo(a,h)anthracene
Concen: 3.509 ng
RT: 26.35 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :
S-2MS

Tot Ion:	278	Resp:	34718
Ion Ratio	Lower	Upper	
278	100		
139	16.4	13.4	20.0
279	27.1	19.0	28.4

Manual Integrations
APPROVED

Sohil
8/9/2018 2:24:12 PM



#91
Benzo(g,h,i)perylene
Concen: 3.635 ng
RT: 27.10 min Scan# 4048
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:	276	Resp:	34015
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.5	27.7
138	14.4	19.0	28.6#

