

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018430.D
 Acq On : 28 Dec 2018 12:19
 Operator : JU/SJ
 Sample : PB116023BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116023BS

Manual Integrations
 APPROVED

Sohil
 12/28/2018 3:59:30 PM

Quant Time: Dec 28 13:41:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	545104	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	2311942	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1280964	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	2677464	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2502192	20.00	ng	0.00
87) Perylene-d12	23.67	264	2033892	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	3882338	134.28	ng	0.02
7) Phenol-d6	6.97	99	4938320	123.01	ng	0.03
23) Nitrobenzene-d5	8.95	82	2562008	63.60	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	1830263	112.45	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	6364086	67.29	ng	0.00
79) Terphenyl-d14	19.81	244	9030688	76.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	409960	34.817	ng	99
3) Pyridine	3.77	79	577207	17.772	ng	96
4) n-Nitrosodimethylamine	3.62	42	605735	45.741	ng	# 94
6) Aniline	7.22	93	1369085m	27.341	ng	
8) 2-Chlorophenol	7.36	128	1716680	49.236	ng	96
9) Benzaldehyde	6.93	77	246782	8.756	ng	93
10) Phenol	6.99	94	1917104	46.416	ng	99
11) bis(2-Chloroethyl)ether	7.22	93	1371906	42.612	ng	98
12) 1,3-Dichlorobenzene	7.67	146	1708340	41.711	ng	98
13) 1,4-Dichlorobenzene	7.82	146	1733372	41.656	ng	99
14) 1,2-Dichlorobenzene	8.13	146	1706692	41.802	ng	99
15) Benzyl Alcohol	8.03	79	917544	29.444	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.32	45	1840596	35.900	ng	96
17) 2-Methylphenol	8.24	107	1335952	45.659	ng	99
18) Hexachloroethane	8.85	117	625342	42.104	ng	96
19) n-Nitroso-di-n-propylamine	8.59	70	1099406	35.947	ng	96
20) 3+4-Methylphenols	8.56	107	1793471	45.689	ng	98
22) Acetophenone	8.61	105	2284381	38.917	ng	98
24) Nitrobenzene	8.99	77	1648992	41.366	ng	96
25) Isophorone	9.51	82	3014413	43.141	ng	99
26) 2-Nitrophenol	9.70	139	869631	50.147	ng	95
27) 2,4-Dimethylphenol	9.76	122	1503100	51.935	ng	99
28) bis(2-Chloroethoxy)methane	10.00	93	1907698	43.500	ng	99
29) 2,4-Dichlorophenol	10.24	162	1610833	50.323	ng	99
30) 1,2,4-Trichlorobenzene	10.44	180	1706787	43.527	ng	99
31) Naphthalene	10.63	128	5041514	45.243	ng	99
32) Benzoic acid	9.93	122	755815	45.239	ng	99
33) 4-Chloroaniline	10.92	127	1861164m	36.456	ng	
34) Hexachlorobutadiene	10.90	225	1015776	42.662	ng	98
35) Caprolactam	11.57	113	467376m	39.508	ng	
36) 4-Chloro-3-methylphenol	11.89	107	1552079	42.776	ng	100
37) 2-Methylnaphthalene	12.24	142	3706295	45.421	ng	100
38) 1-Methylnaphthalene	12.46	142	3523261	44.417	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	1849215	46.112	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	1741349	89.554	nq	100
43) 2,4,6-Trichlorophenol	12.86	196	1244386	54.628	nq	99
44) 2,4,5-Trichlorophenol	12.95	196	1293659	51.969	nq	98
46) 1,1'-Biphenyl	13.26	154	4617903	42.186	nq	99
47) 2-Chloronaphthalene	13.30	162	3586814	42.782	nq	99
48) 2-Nitroaniline	13.52	65	950300	42.241	nq	93
49) Acenaphthylene	14.15	152	5746547	44.521	nq	99
50) Dimethylphthalate	13.90	163	4432152	41.414	nq	100
51) 2,6-Dinitrotoluene	14.02	165	972326	43.290	nq	95
52) Acenaphthene	14.50	154	3300041	42.366	nq	99
53) 3-Nitroaniline	14.37	138	930718	37.260	nq	94
54) 2,4-Dinitrophenol	14.56	184	635555	75.558	nq	# 89
55) Dibenzofuran	14.83	168	5300631	41.589	nq	99
56) 4-Nitrophenol	14.68	139	1509777m	70.837	nq	
57) 2,4-Dinitrotoluene	14.80	165	1325391	43.613	nq	98
58) Fluorene	15.48	166	4240858	42.719	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.06	232	1090029	47.416	nq	97
60) Diethylphthalate	15.26	149	4456925	39.817	nq	99
61) 4-Chlorophenyl-phenylether	15.47	204	2151881	39.454	nq	99
62) 4-Nitroaniline	15.52	138	903325	33.975	nq	96
63) Azobenzene	15.77	77	3729969	36.560	nq	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	512436	45.879	nq	86
66) n-Nitrosodiphenylamine	15.70	169	3689808	44.217	nq	99
67) 4-Bromophenyl-phenylether	16.37	248	1295033	44.416	nq	95
68) Hexachlorobenzene	16.47	284	1395923	42.265	nq	98
69) Atrazine	16.66	200	1168355	37.770	nq	97
70) Pentachlorophenol	16.83	266	1520105	78.931	nq	99
71) Phenanthrene	17.22	178	6386908	45.063	nq	100
72) Anthracene	17.32	178	6505191	46.073	nq	100
73) Carbazole	17.59	167	5819948	39.249	nq	100
74) Di-n-butylphthalate	18.14	149	7270053	43.137	nq	99
75) Fluoranthene	19.24	202	7140260	42.539	nq	99
77) Benzidine	19.44	184	3711913m	51.898	nq	
78) Pyrene	19.60	202	7189071	49.498	nq	99
80) Butylbenzylphthalate	20.51	149	3203622	48.552	nq	98
81) Benzo(a)anthracene	21.36	228	6834978	46.507	nq	100
82) 3,3'-Dichlorobenzidine	21.30	252	2254893	39.936	nq	99
83) Chrysene	21.41	228	6336407	44.690	nq	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	4697518	47.978	nq	98
85) Di-n-octyl phthalate	22.18	149	7917362	48.921	nq	96
86) Indeno(1,2,3-cd)pyrene	26.01	276	6168051	35.144	nq	99
88) Benzo(b)fluoranthene	22.97	252	6216252	54.796	nq	99
89) Benzo(k)fluoranthene	23.02	252	6000860	52.888	nq	99
90) Benzo(a)pyrene	23.57	252	5756497	52.823	nq	99
91) Dibenzo(a,h)anthracene	26.02	278	5229113	46.076	nq	100
92) Benzo(g,h,i)perylene	26.72	276	5046986	46.445	nq	99

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

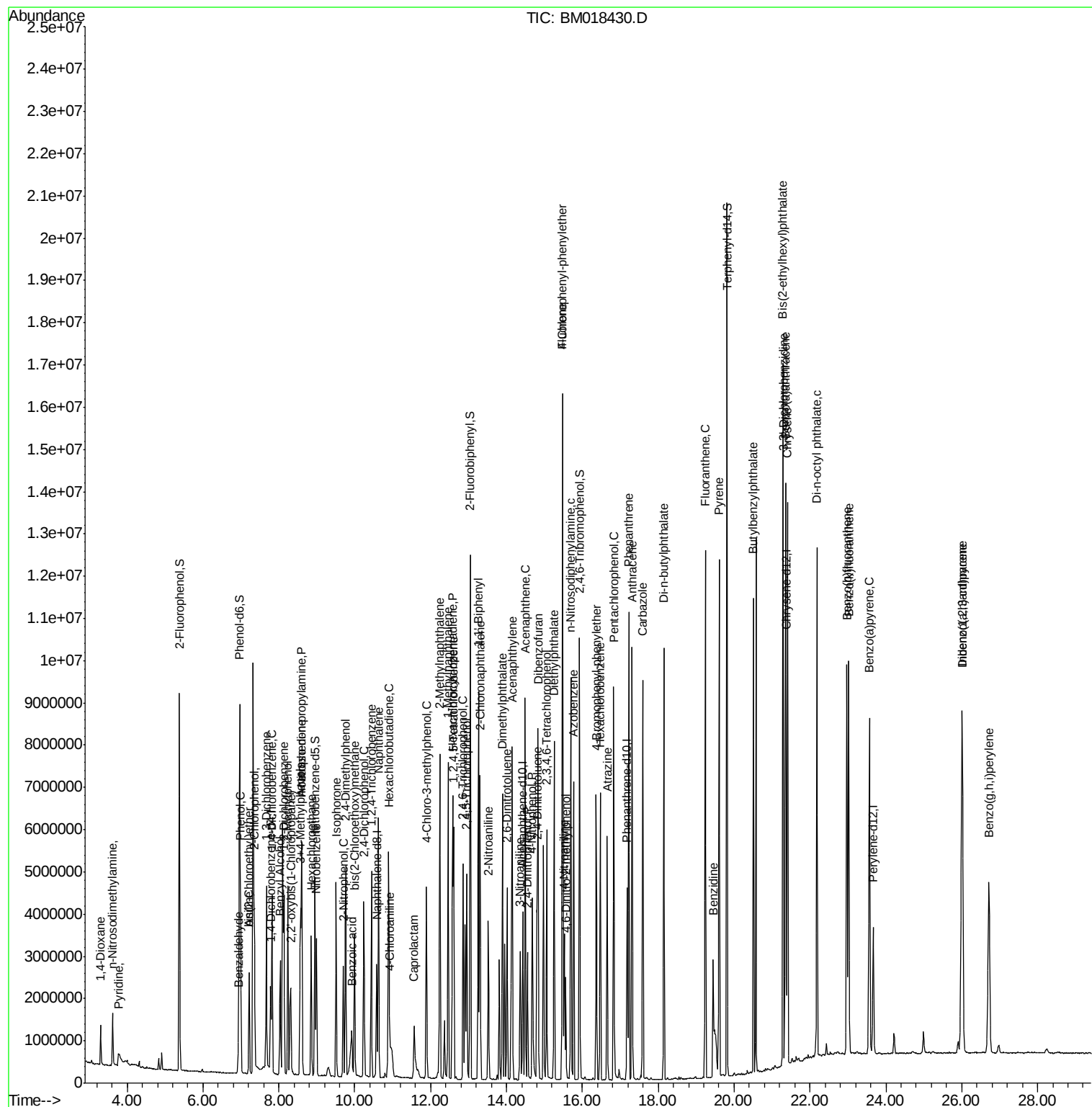
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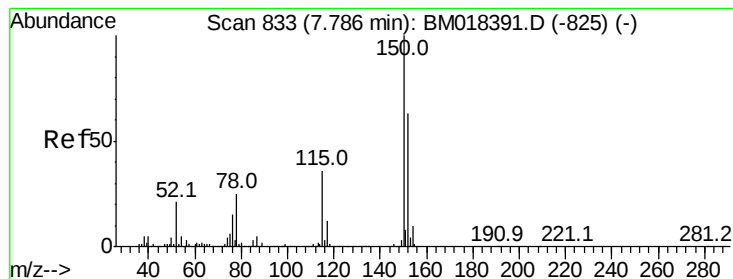
Instrument :
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ClientSampleId :
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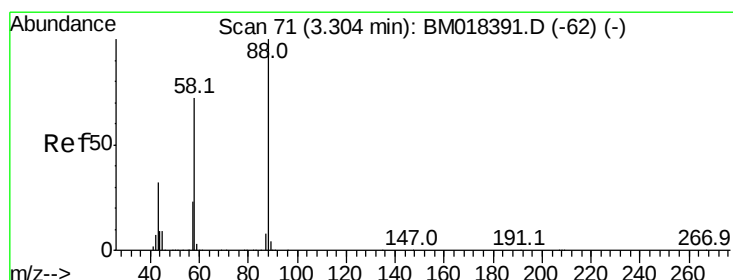
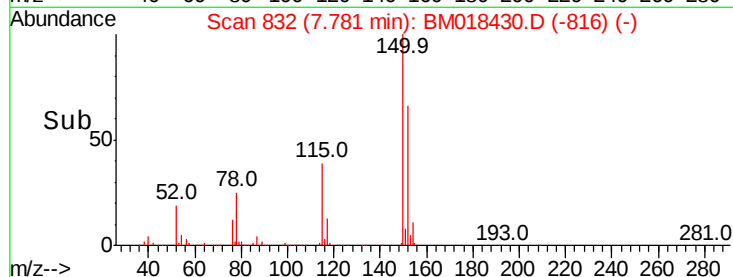
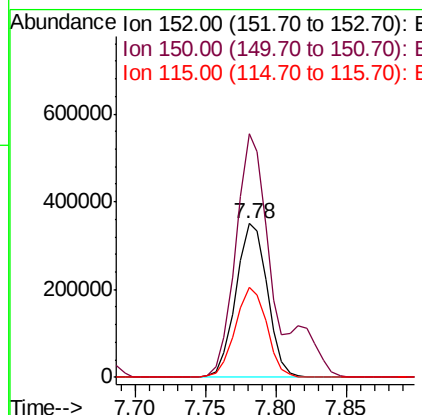
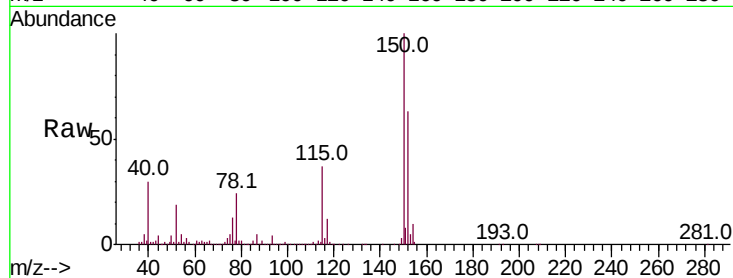
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.78 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

Instrument :
 BNA_M
 ClientSampleId :
 PB116023BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.9	190.3
115	58.2	45.5	68.3

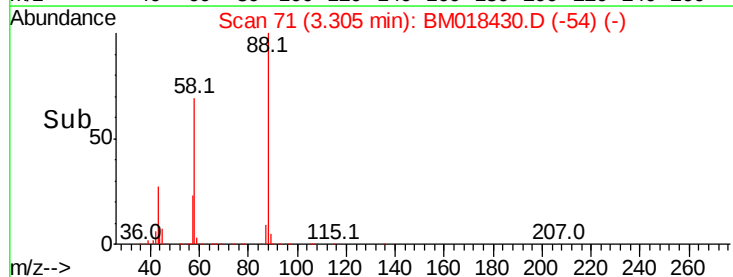
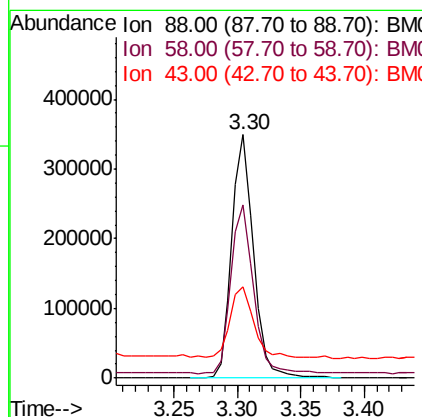
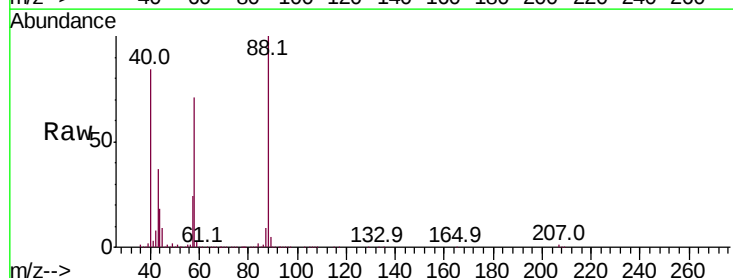
Manual Integrations
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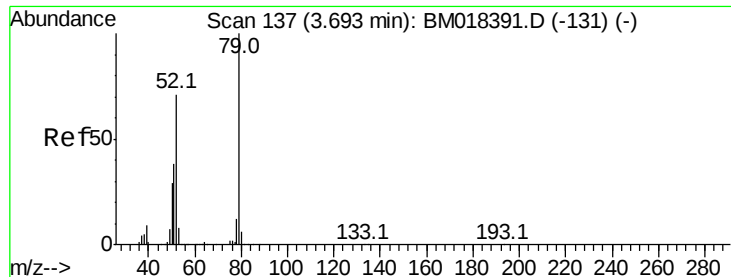
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#2
 1,4-Dioxane
 Concen: 34.817 ng
 RT: 3.30 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	58.4	87.6
43	32.8	26.2	39.4





#3

Pvridine

Concen: 17.772 ng

RT: 3.77 min Scan# 150

Delta R.T. 0.08 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :

BNA_M

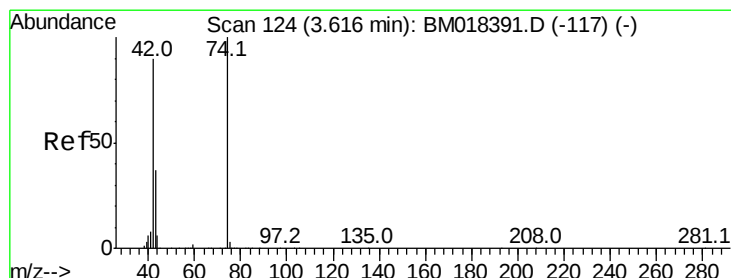
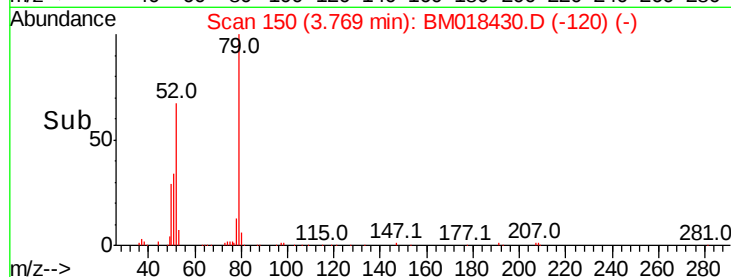
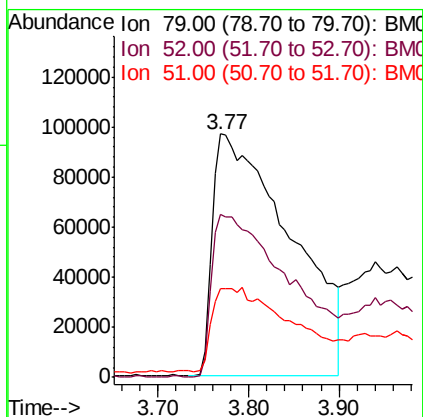
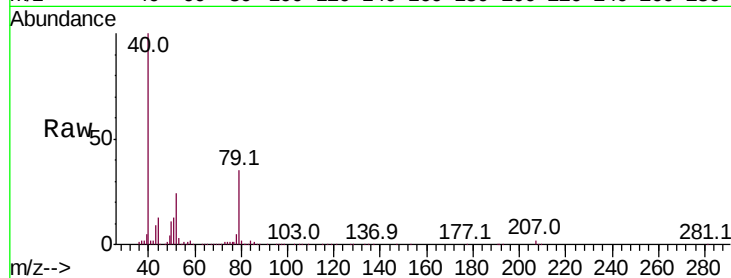
ClientSampleId :

PB116023BS

Tot Ion:	79	Resp:	577207
Ion Ratio	Lower	Upper	
79	100		
52	66.8	56.4	84.6
51	36.6	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 45.741 ng

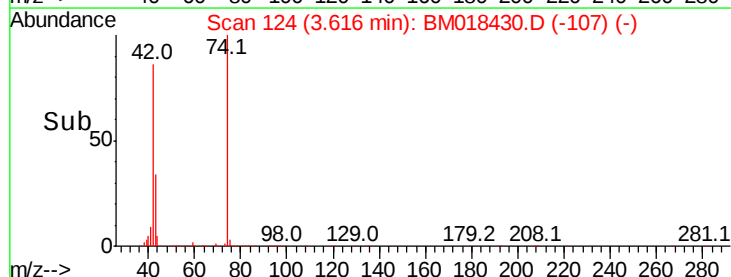
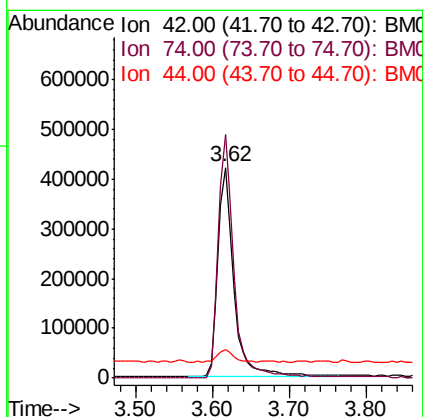
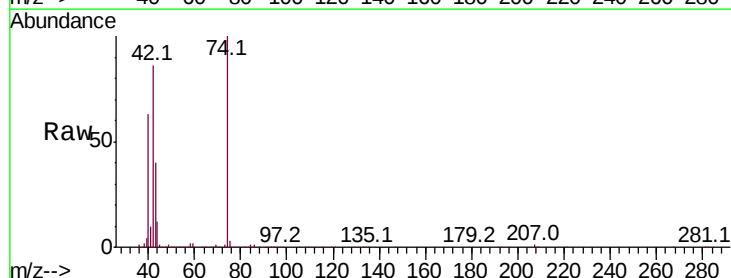
RT: 3.62 min Scan# 124

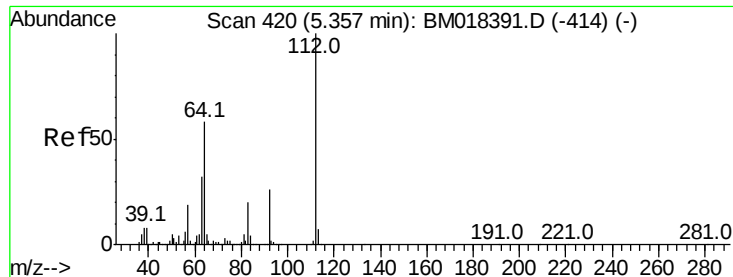
Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Tgt Ion:	42	Resp:	605735
Ion Ratio	Lower	Upper	
42	100		
74	115.6	88.6	132.8
44	13.8	16.9	25.3#





#5

2-Fluorophenol

Concen: 134.279 ng

RT: 5.37 min Scan# 423

Delta R.T. 0.02 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion:112 Resp: 3882338

Ion Ratio Lower Upper

112 100

64 55.3 46.5 69.7

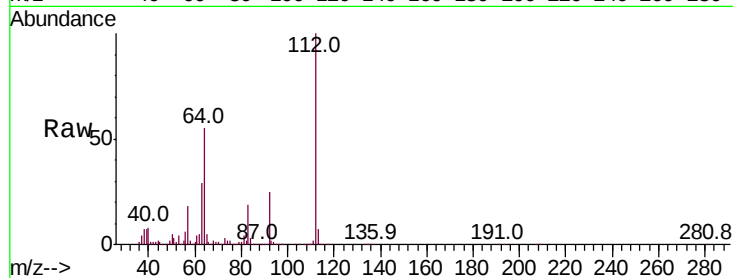
63 28.9 25.2 37.8

Manual Integrations

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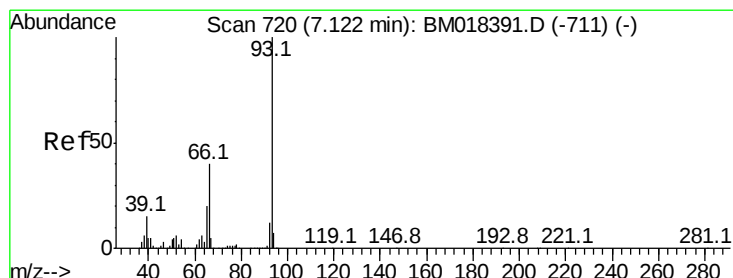
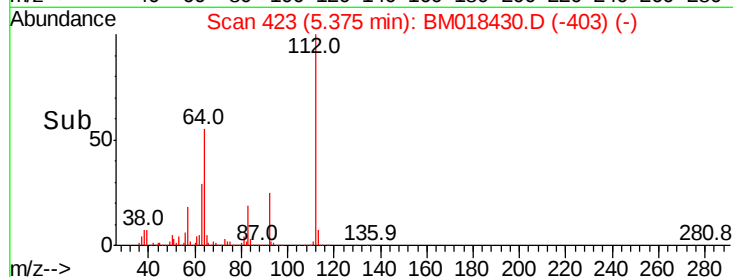
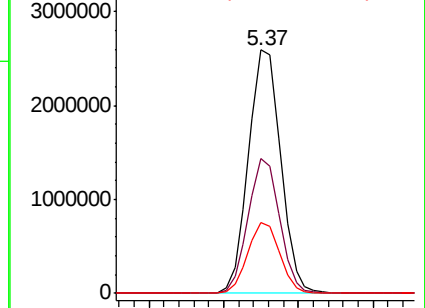
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 27.341 ng m

RT: 7.22 min Scan# 736

Delta R.T. 0.09 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

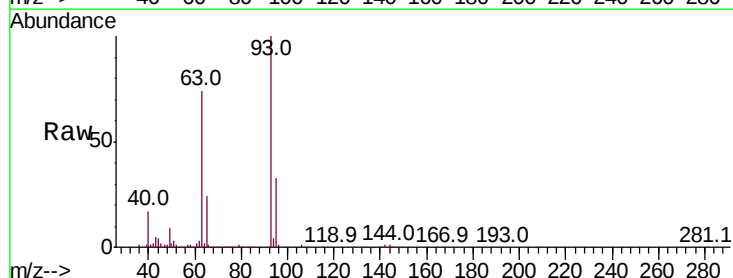
Tgt Ion: 93 Resp: 1369085

Ion Ratio Lower Upper

93 100

66 0.5 31.7 47.5#

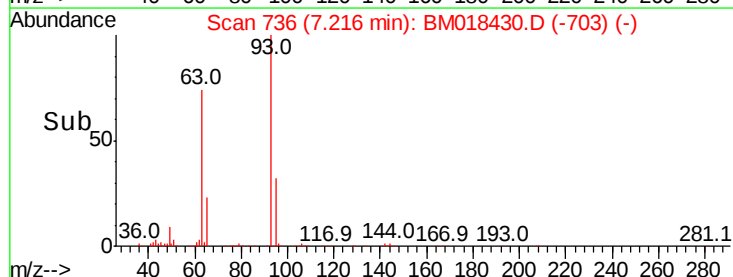
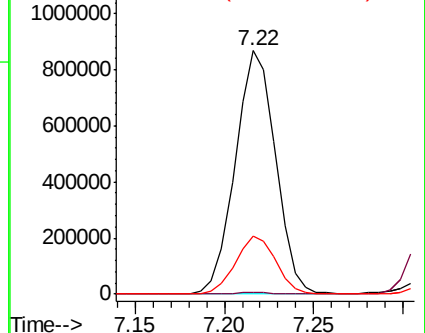
65 23.9 15.9 23.9

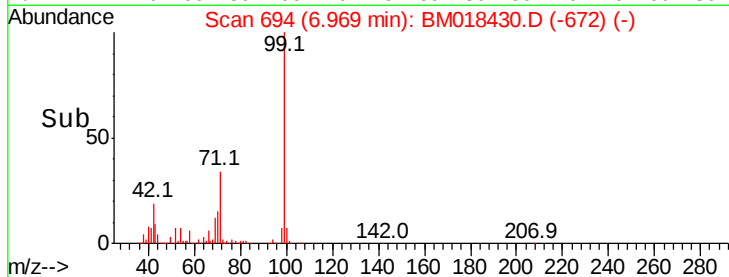
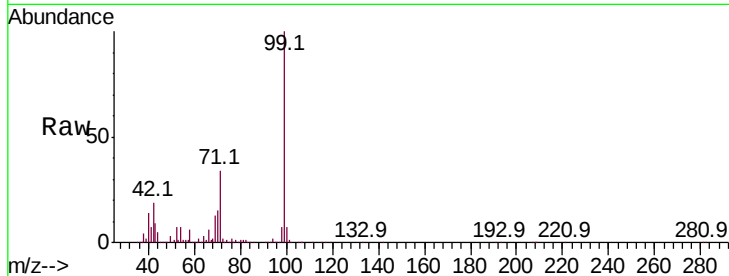
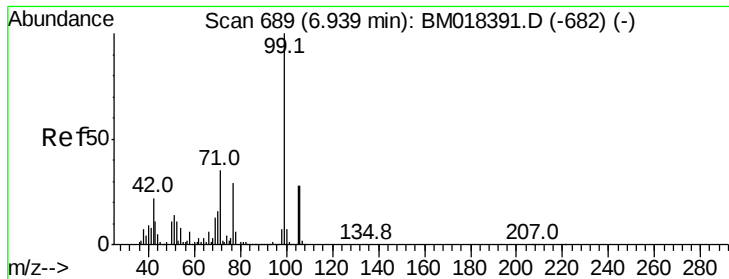


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 123.007 ng

RT: 6.97 min Scan# 694

Delta R.T. 0.03 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Tot Ion: 99 Resp: 4938320

Ion Ratio Lower Upper

99 100

42 19.3 17.3 25.9

71 34.0 28.0 42.0

Instrument :

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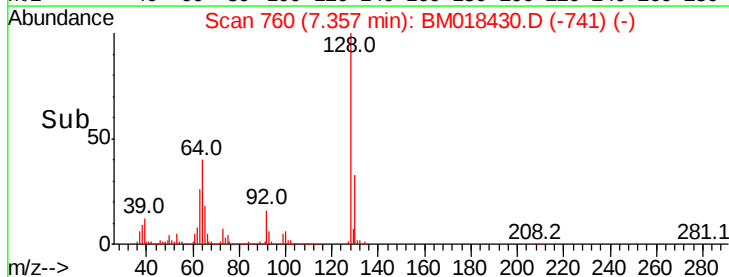
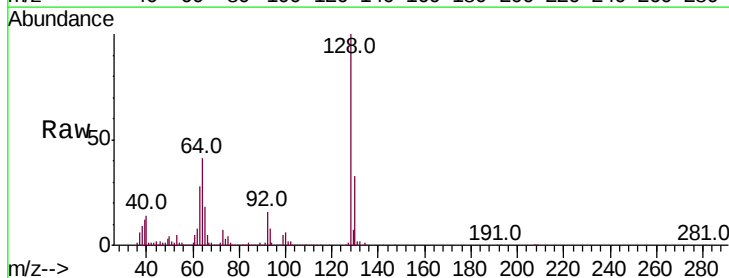
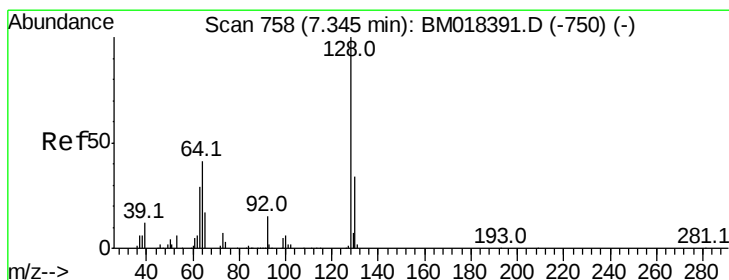
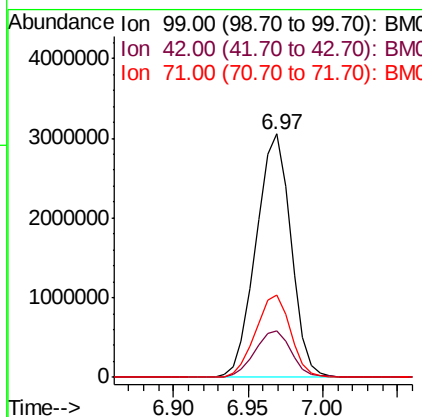
PB116023BS

Manual Integrations

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#8

2-Chlorophenol

Concen: 49.236 ng

RT: 7.36 min Scan# 760

Delta R.T. 0.01 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

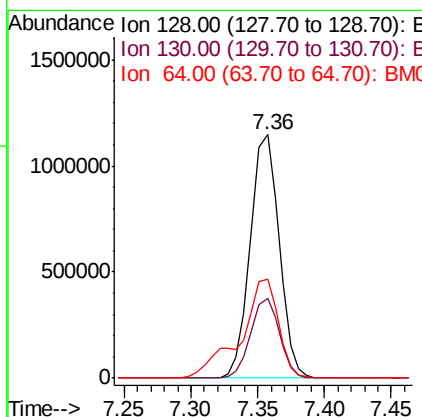
Tgt Ion:128 Resp: 1716680

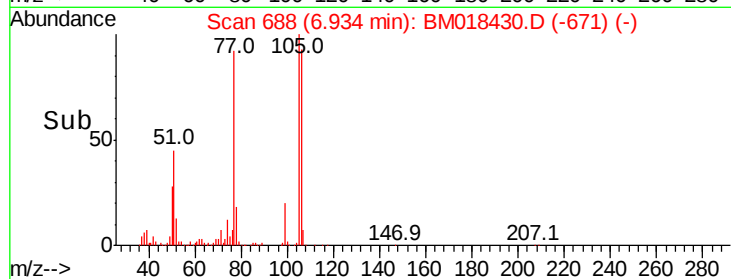
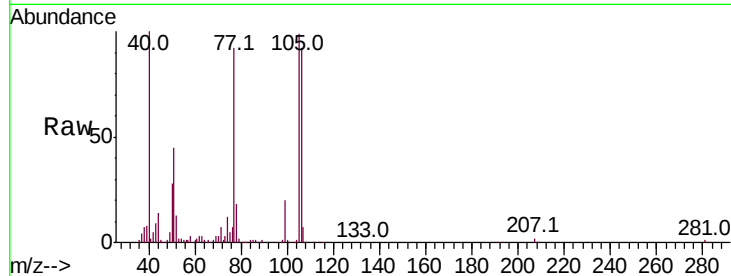
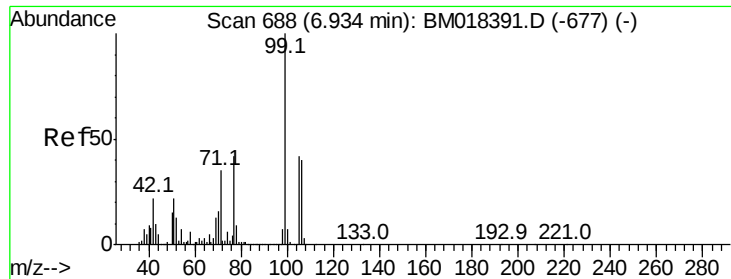
Ion Ratio Lower Upper

128 100

130 32.9 13.6 53.6

64 40.5 24.8 64.8





#9

Benzaldehyd

Concen: 8.756 ng

RT: 6.93 min Scan# 688

Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Tot Ion	Ratio	Lower	Upper
77	100		
105	107.9	79.7	119.7
106	100.3	75.2	115.2

Instrument :

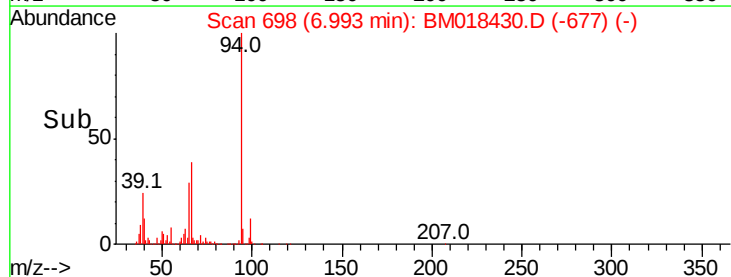
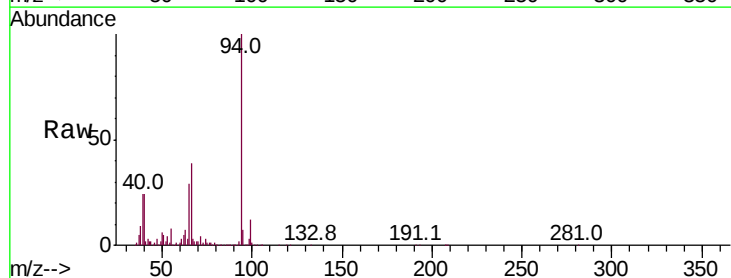
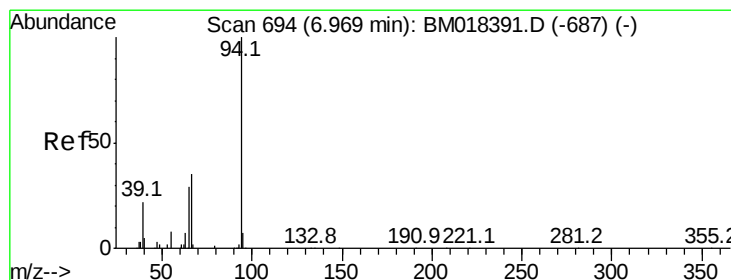
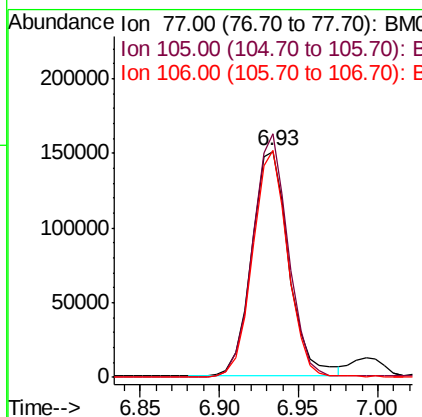
BNA_M

ClientSampleId :

PB116023BS

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#10

Phenol

Concen: 46.416 ng

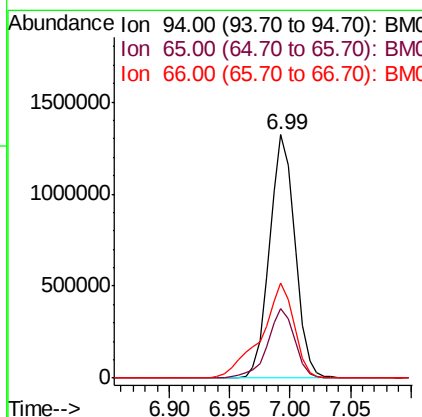
RT: 6.99 min Scan# 698

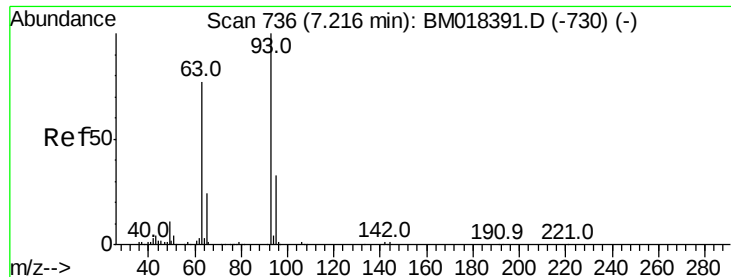
Delta R.T. 0.02 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.4	49.4
66	38.9	19.1	59.1





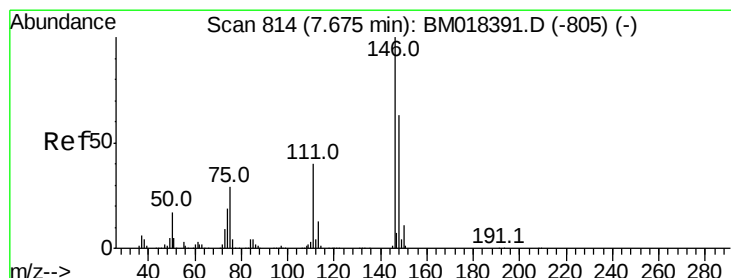
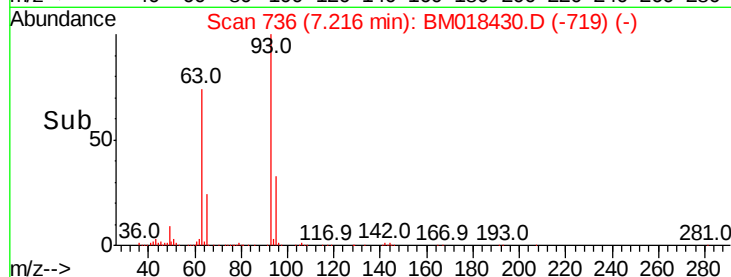
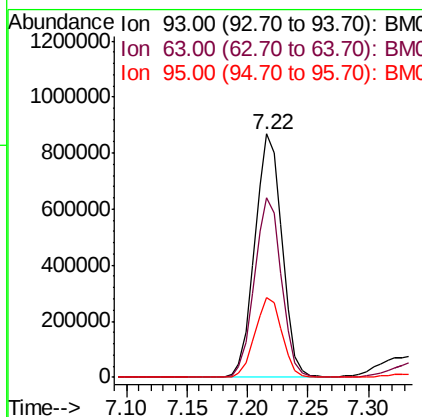
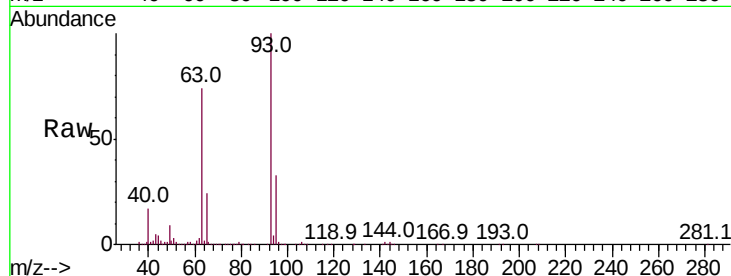
#11
bis(2-Chloroethyl)ether
Concen: 42.612 ng
RT: 7.22 min Scan# 736
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.8	56.4	96.4
95	32.6	12.7	52.7

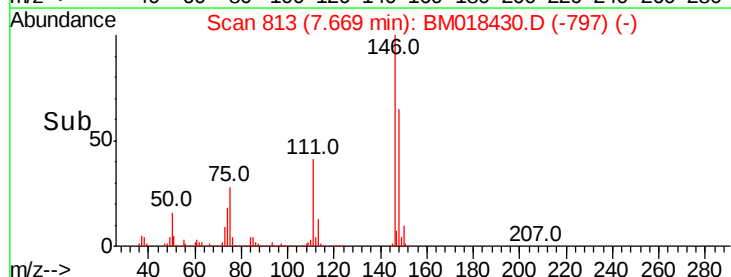
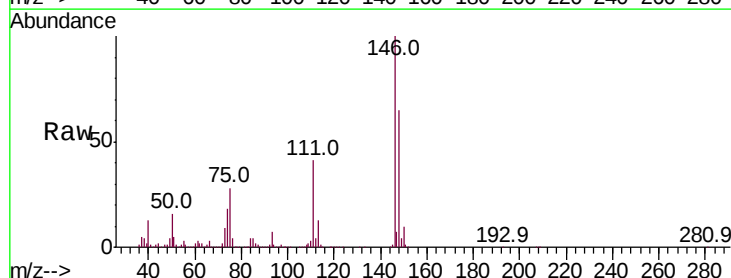
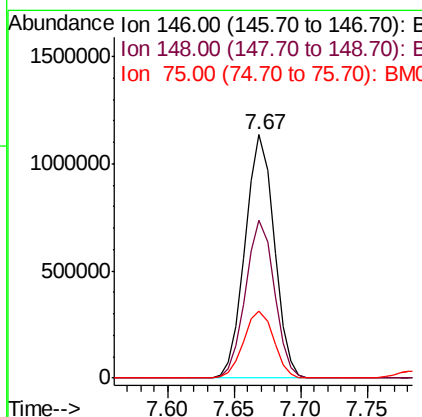
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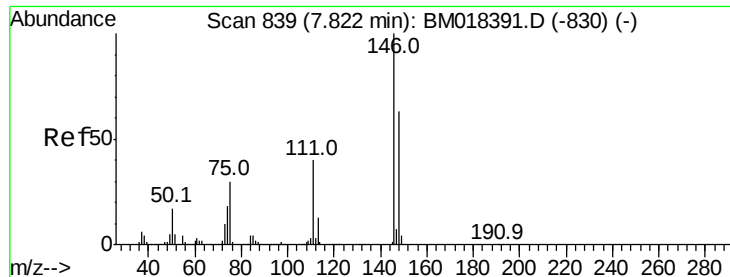
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.711 ng
RT: 7.67 min Scan# 813
Delta R.T. -0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.5	75.7
75	27.6	23.0	34.6





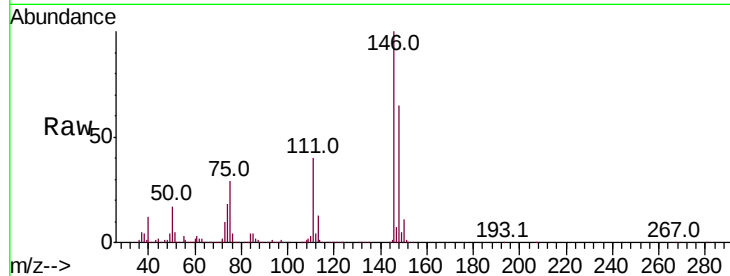
#13
1,4-Dichlorobenzene
Concen: 41.656 ng
RT: 7.82 min Scan# 838
Delta R.T. -0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampled :
PB116023BS

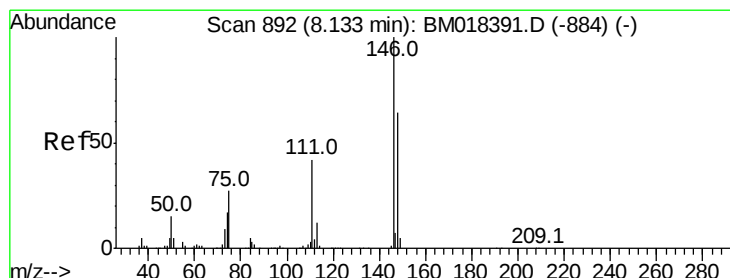
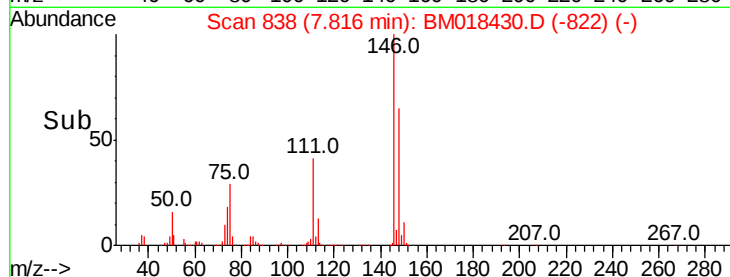
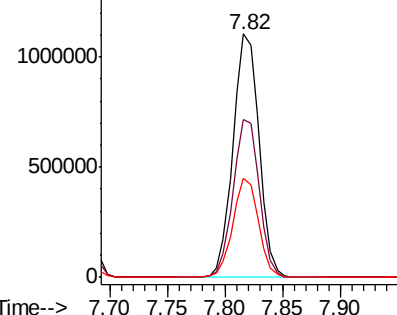
Tot Ion:146 Resp: 1733372
Ion Ratio Lower Upper
146 100
148 64.7 50.8 76.2
111 40.5 32.2 48.2

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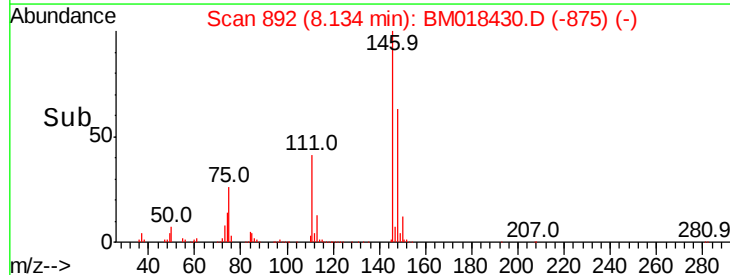
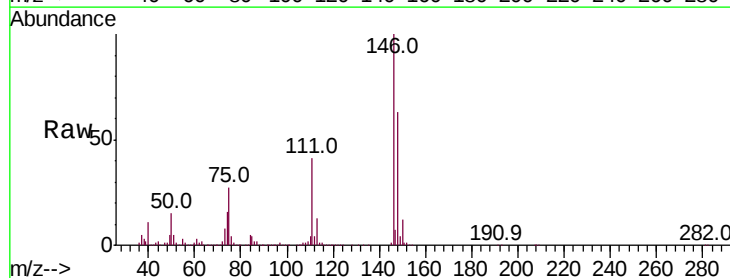
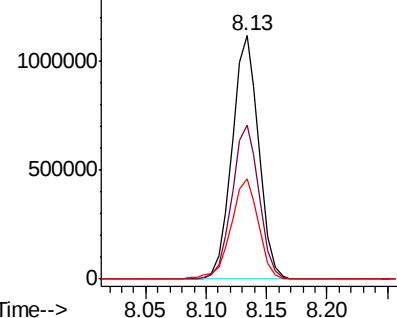
Abundance Ion 146.00 (145.70 to 146.70): E
1500000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

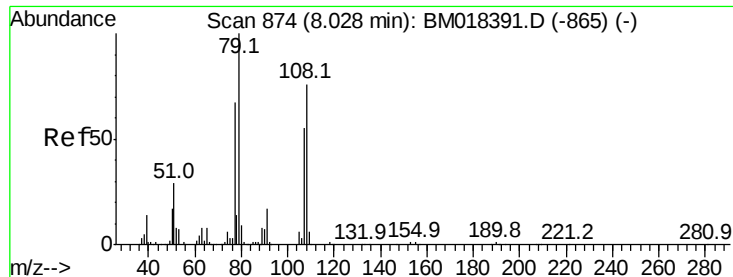


#14
1,2-Dichlorobenzene
Concen: 41.802 ng
RT: 8.13 min Scan# 892
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion:146 Resp: 1706692
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 41.3 33.8 50.6

Abundance Ion 146.00 (145.70 to 146.70): E
1500000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.444 ng

RT: 8.03 min Scan# 875

Delta R.T. 0.01 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :

BNA_M

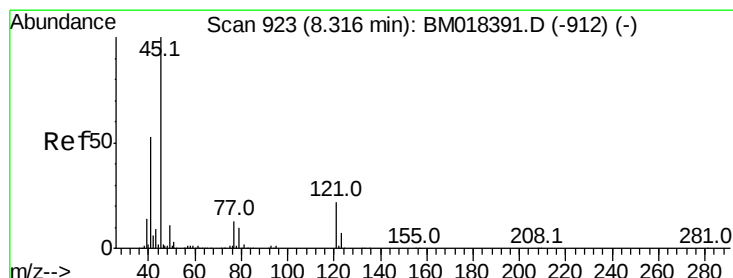
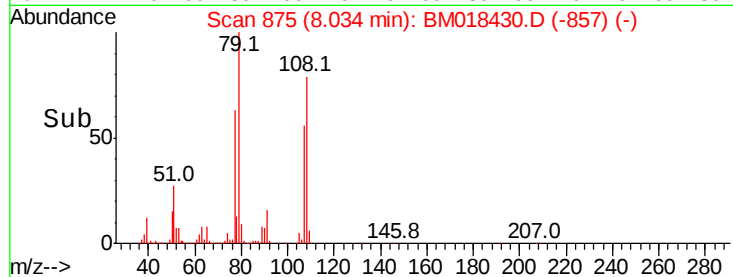
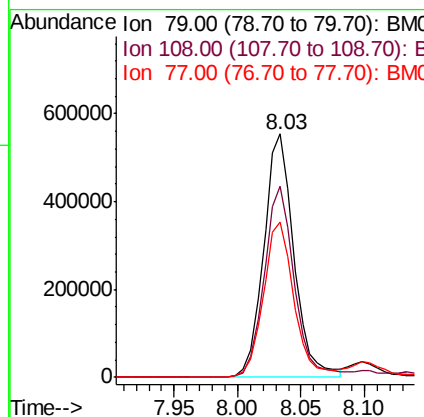
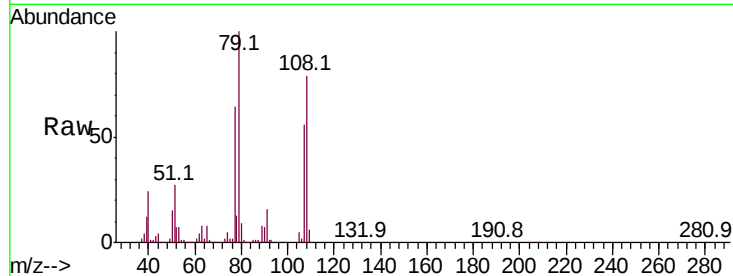
ClientSampleId :

PB116023BS

Tot Ion:	79	Resp:	917544
Ion Ratio	Lower	Upper	
79	100		
108	78.6	60.4	90.6
77	63.6	53.4	80.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.900 ng

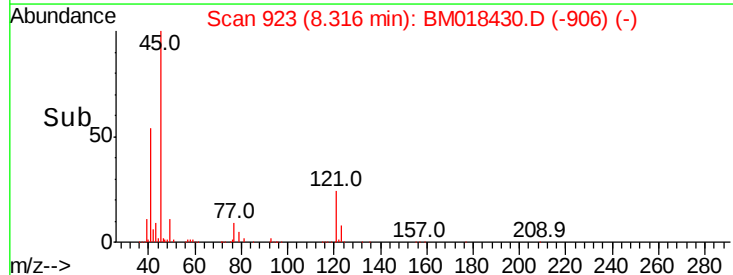
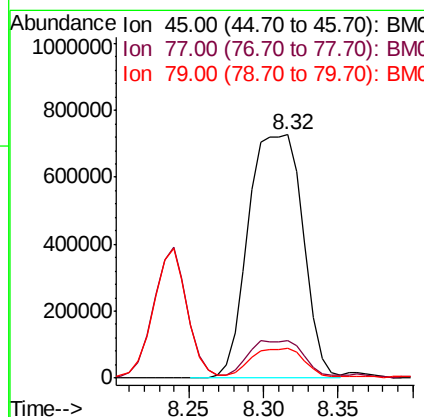
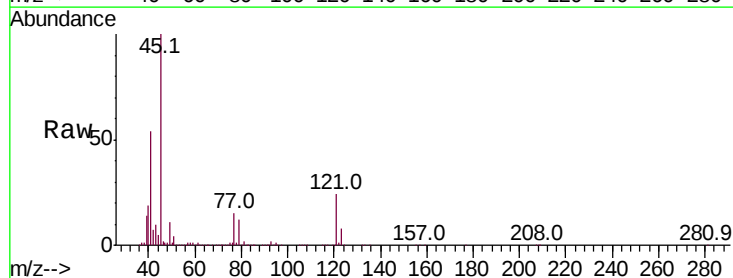
RT: 8.32 min Scan# 923

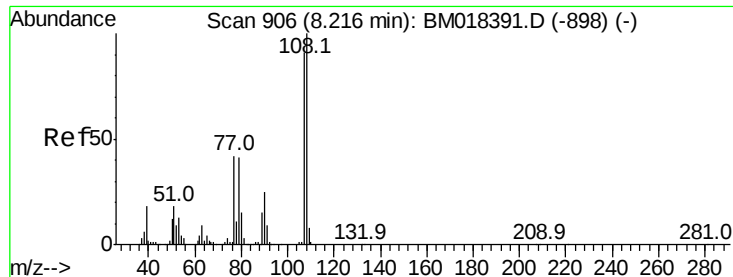
Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Tgt Ion:	45	Resp:	1840596
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	33.4
79	12.2	0.0	31.1





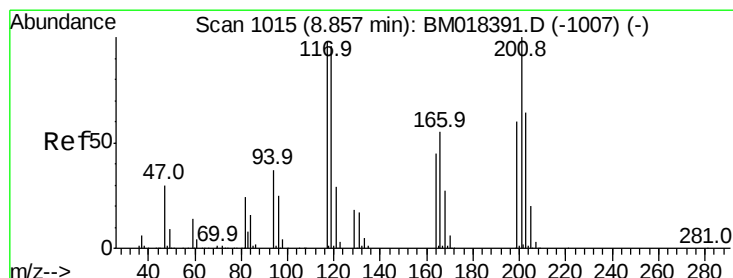
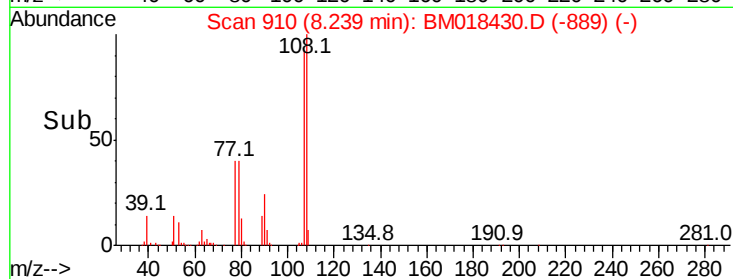
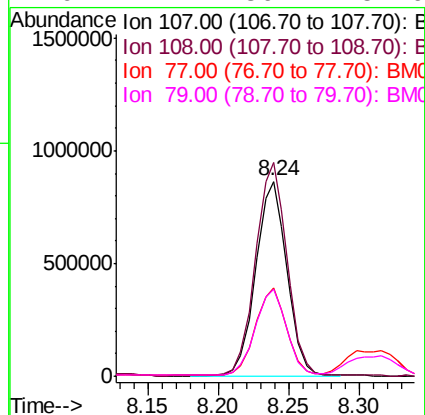
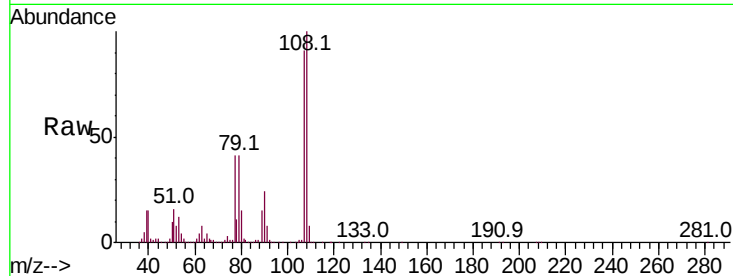
#17
2-Methylphenol
Concen: 45.659 ng
RT: 8.24 min Scan# 910
Delta R.T. 0.02 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.6	87.5	131.3
77	45.2	37.3	55.9
79	44.7	36.4	54.6

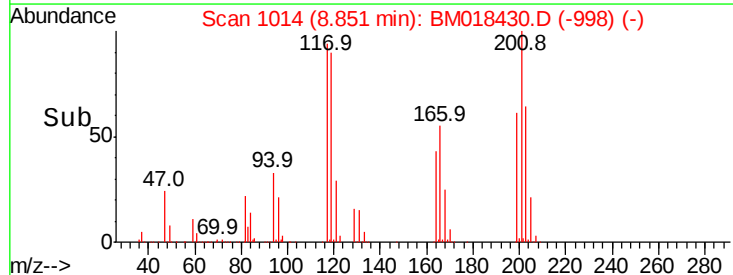
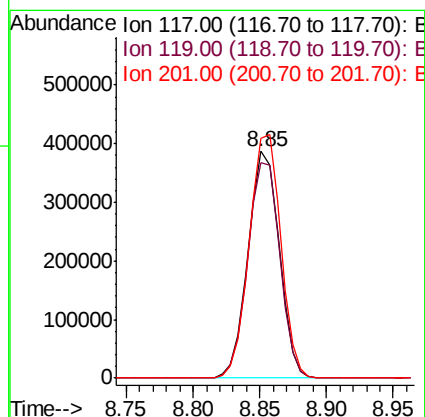
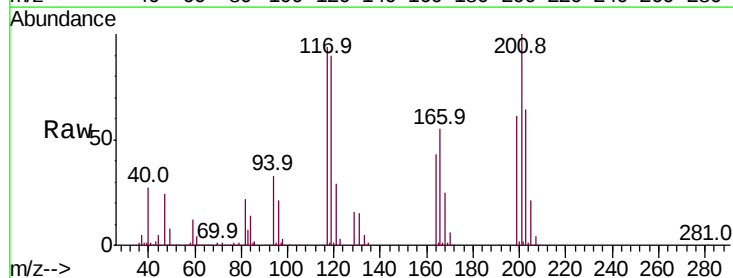
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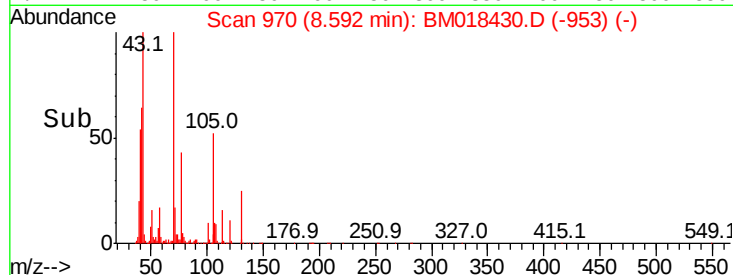
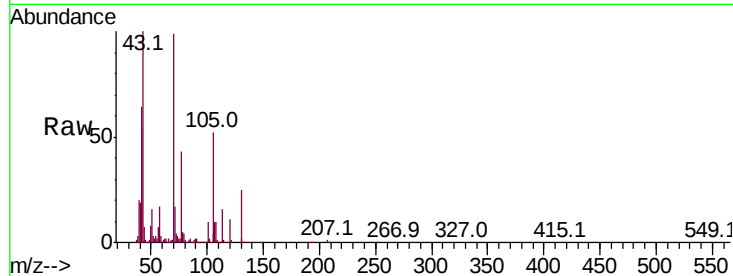
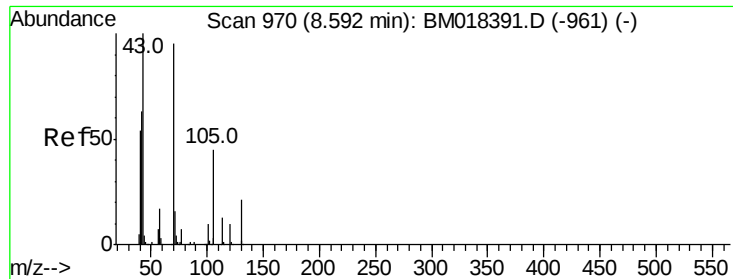
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#18
Hexachloroethane
Concen: 42.104 ng
RT: 8.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.3	117.5
201	106.1	81.4	122.0





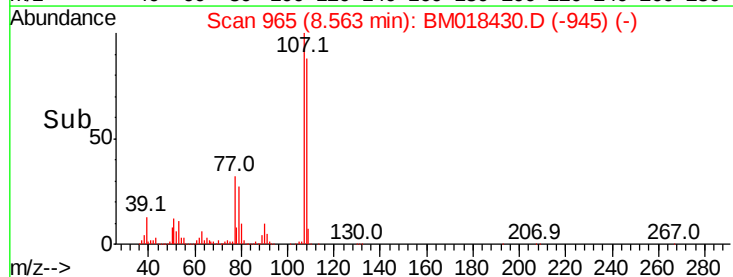
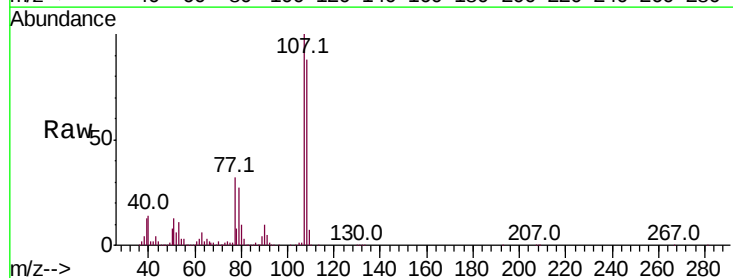
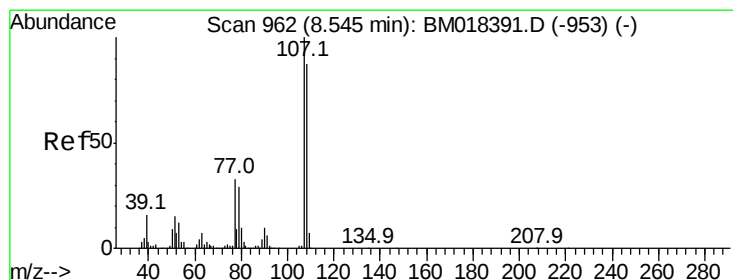
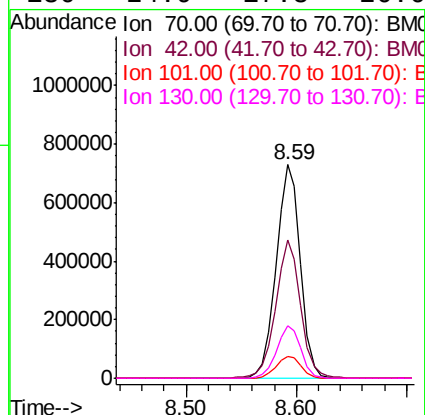
#19
n-Nitroso-di-n-propylamine
Concen: 35.947 ng
RT: 8.59 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion: 70 Resp: 1099406
Ion Ratio Lower Upper
70 100
42 64.6 54.0 81.0
101 10.4 8.1 12.1
130 24.9 17.8 26.6

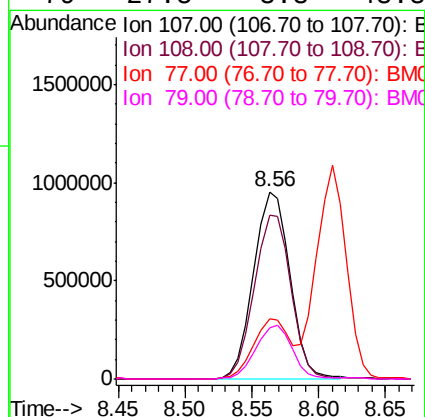
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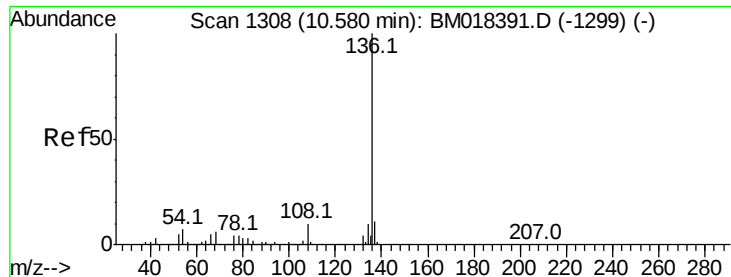
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#20
3+4-Methylphenols
Concen: 45.689 ng
RT: 8.56 min Scan# 965
Delta R.T. 0.02 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion: 107 Resp: 1793471
Ion Ratio Lower Upper
107 100
108 87.8 66.8 106.8
77 32.0 13.3 53.3
79 27.5 8.8 48.8





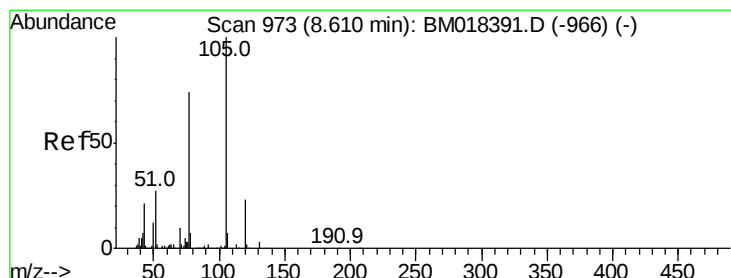
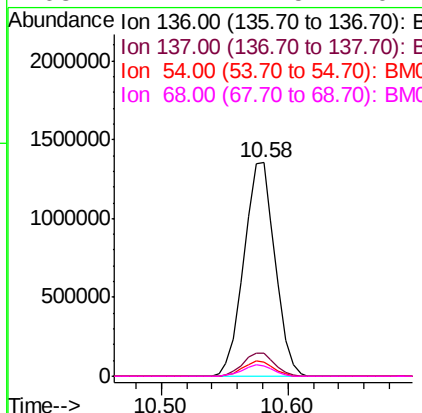
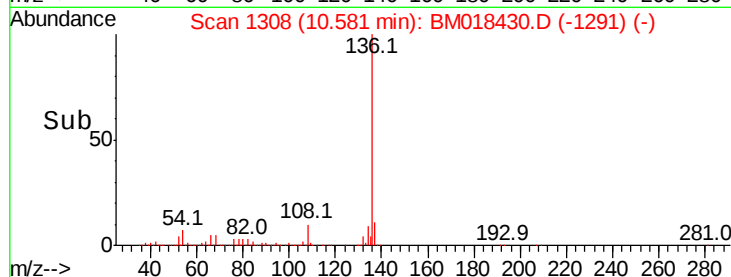
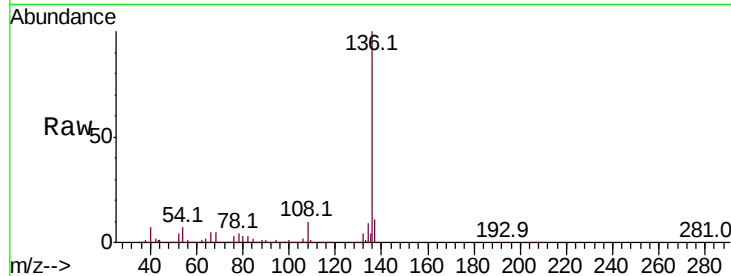
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.6	6.0	9.0
68	4.7	4.5	6.7

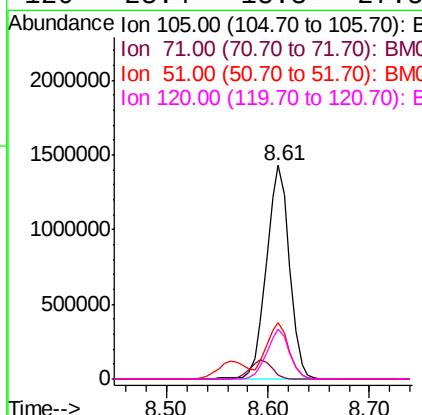
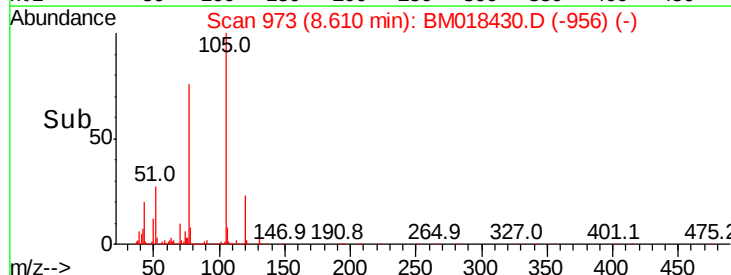
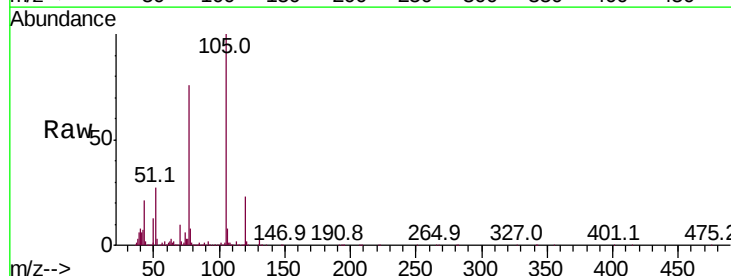
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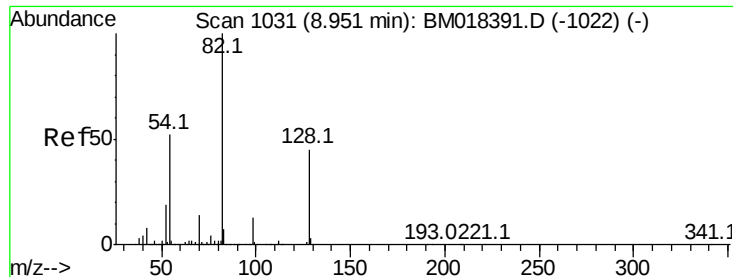
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#22
Acetophenone
Concen: 38.917 ng
RT: 8.61 min Scan# 973
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.7	2.5
51	26.6	22.6	34.0
120	23.4	18.3	27.5





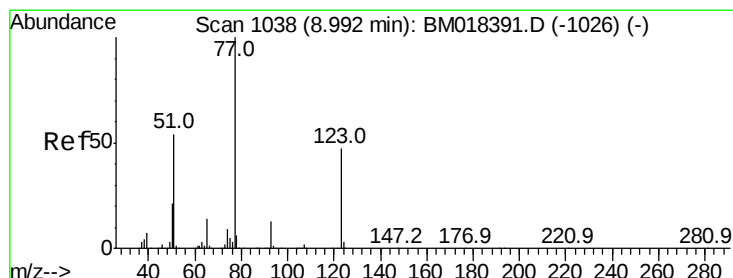
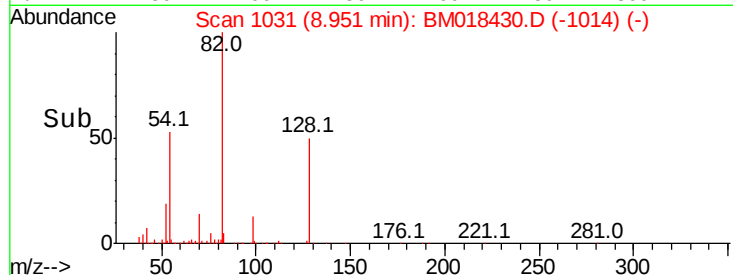
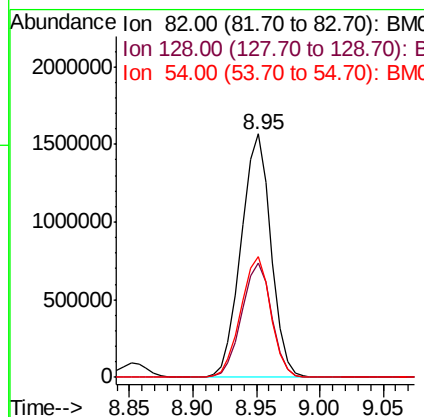
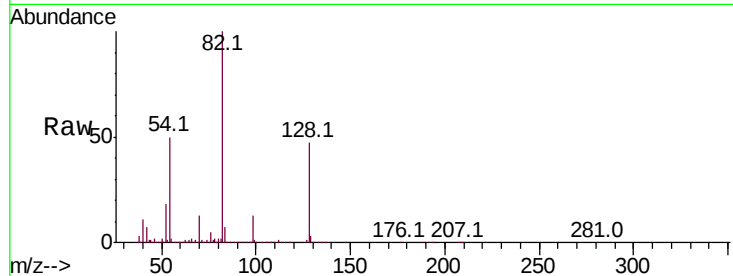
#23
Nitrobenzene-d5
Concen: 63.602 ng
RT: 8.95 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.3	54.5
54	49.7	41.7	62.5

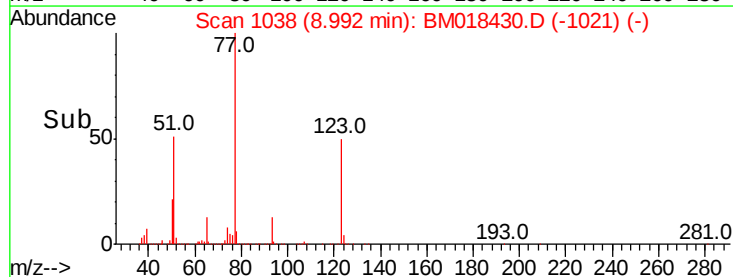
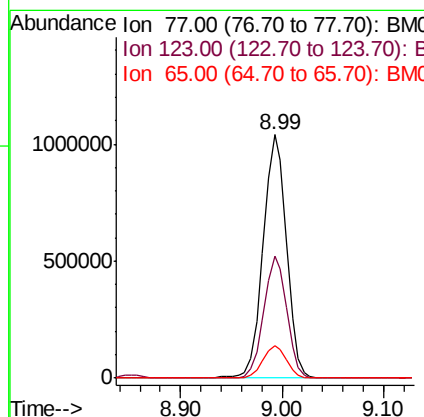
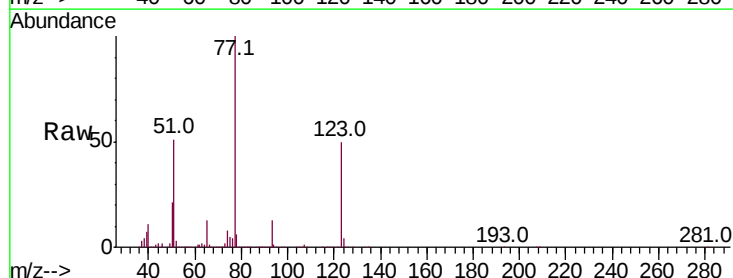
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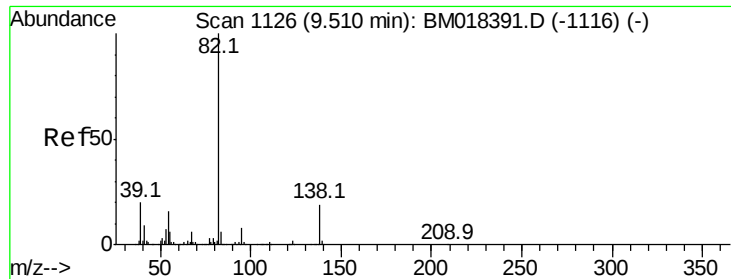
Sohil
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#24
Nitrobenzene
Concen: 41.366 ng
RT: 8.99 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	37.7	56.5
65	13.4	11.0	16.6





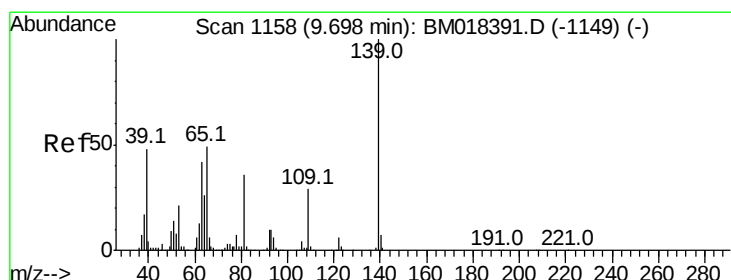
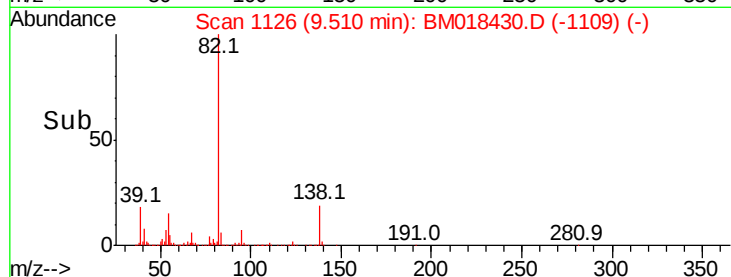
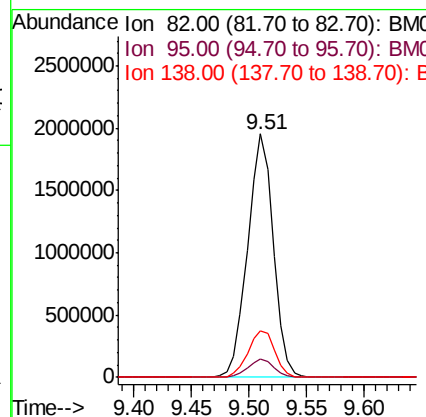
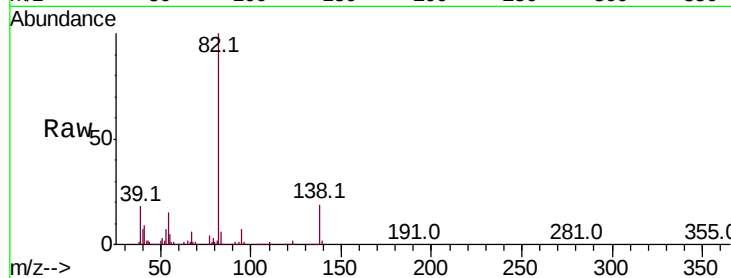
#25
Isophorone
Concen: 43.141 ng
RT: 9.51 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.1	9.1
138	19.3	15.1	22.7

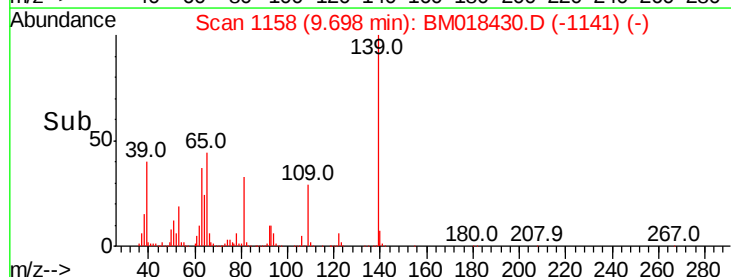
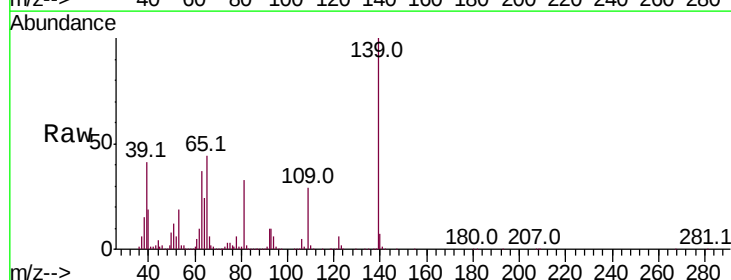
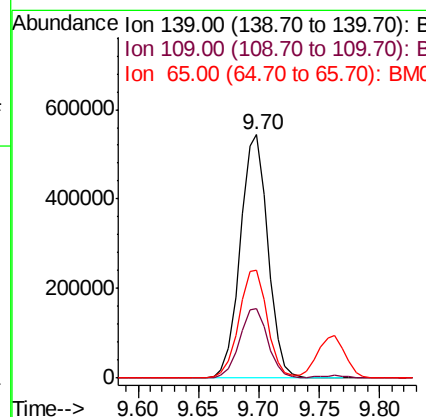
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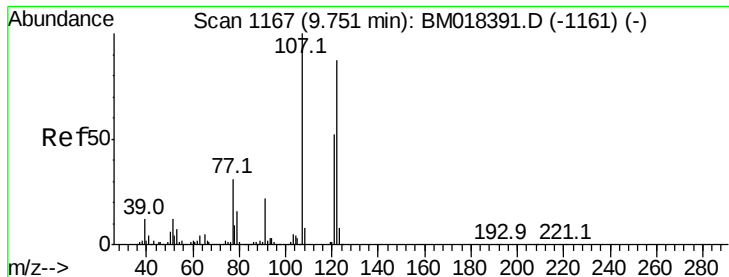
Sohil
12/28/2018 3:59:30 PM



#26
2-Nitrophenol
Concen: 50.147 ng
RT: 9.70 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.8	23.4	35.2
65	44.5	39.4	59.2





#27

2,4-Dimethylphenol

Concen: 51.935 ng

RT: 9.76 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :

BNA_M

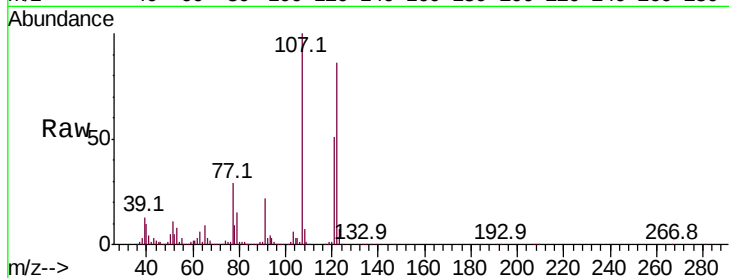
ClientSampleId :

PB116023BS

Tot Ion:	122	Resp:	1503100
Ion	Ratio	Lower	Upper
122	100		
107	115.8	91.9	137.9
121	58.9	47.5	71.3

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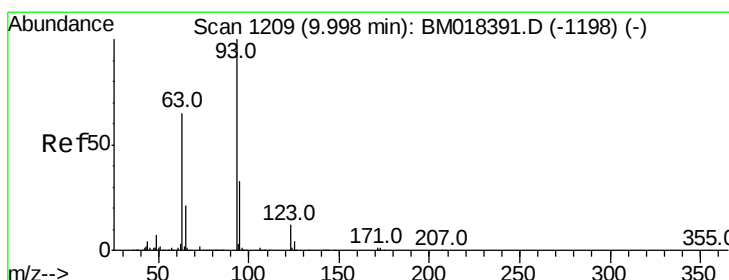
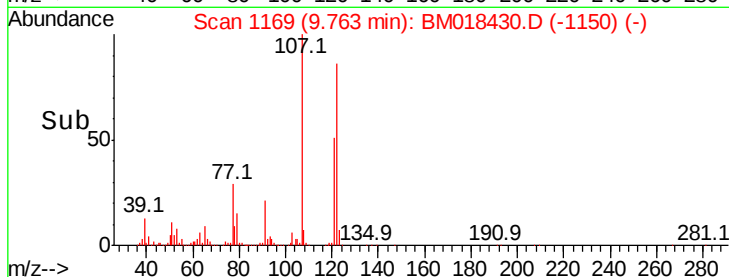
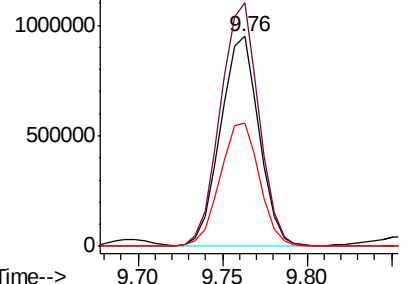


Abundance

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



#28

bis(2-Chloroethoxy)methane

Concen: 43.500 ng

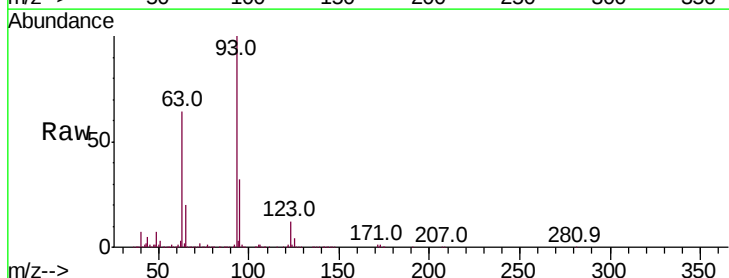
RT: 10.00 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Tgt Ion:	93	Resp:	1907698
Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.6	39.8
123	12.2	9.9	14.9

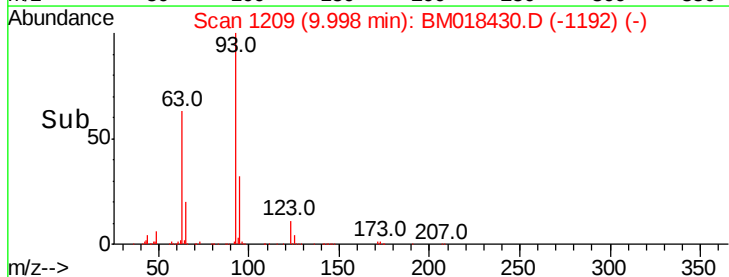
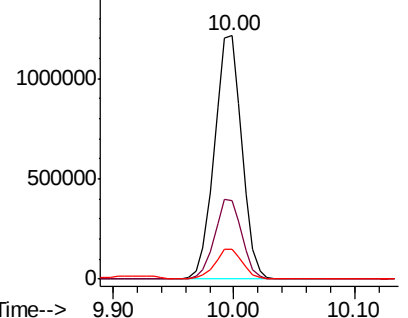


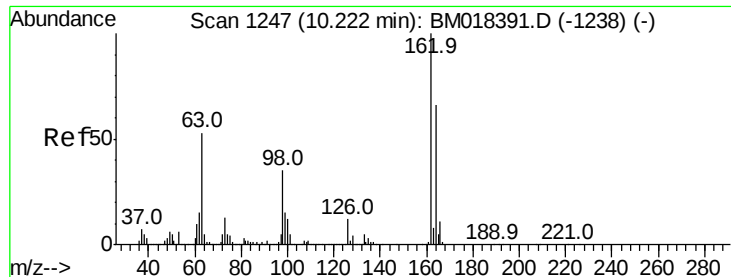
Abundance

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





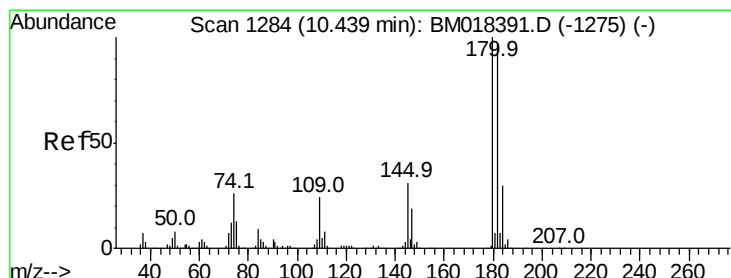
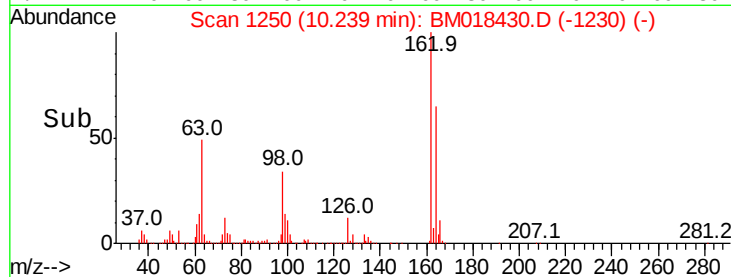
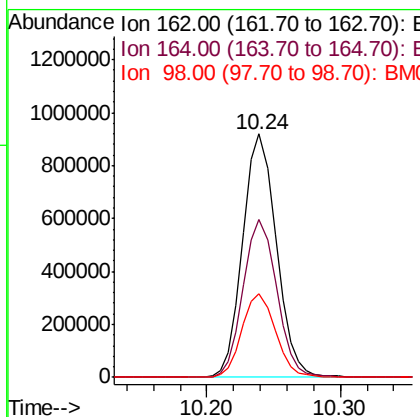
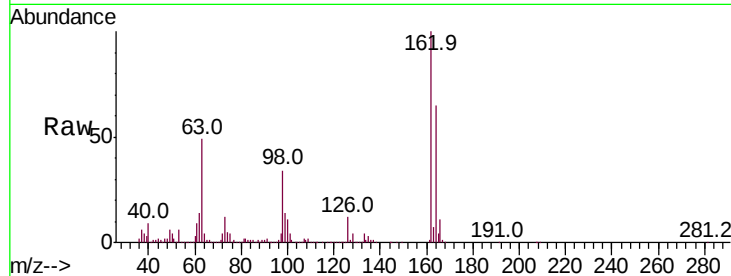
#29
2,4-Dichlorophenol
Concen: 50.323 ng
RT: 10.24 min Scan# 1250
Delta R.T. 0.02 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.6	85.6
98	34.4	14.7	54.7

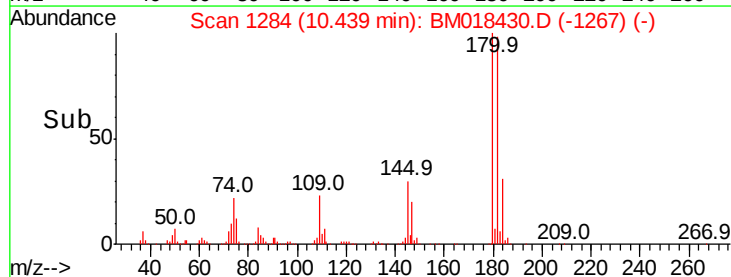
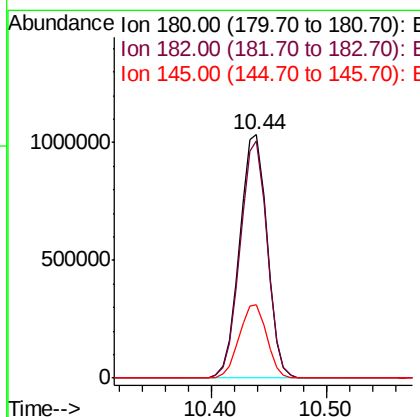
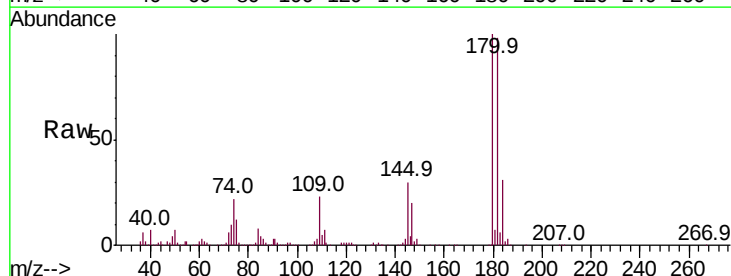
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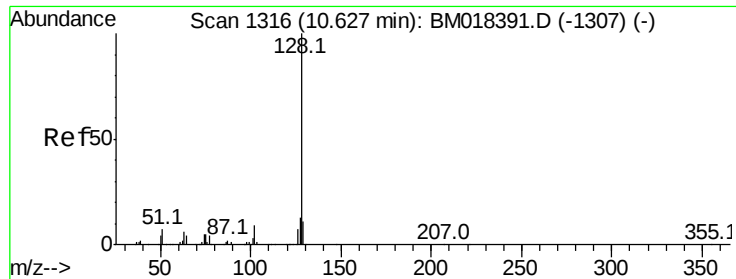
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 43.527 ng
RT: 10.44 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.4	116.2
145	30.0	24.6	37.0





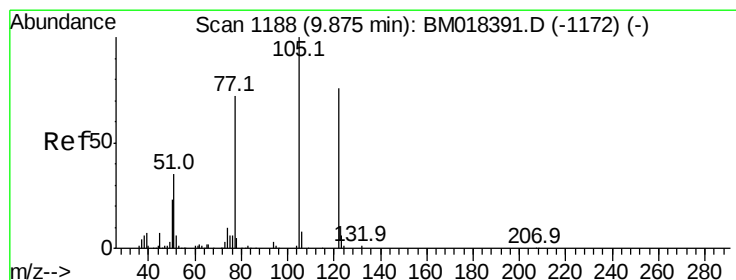
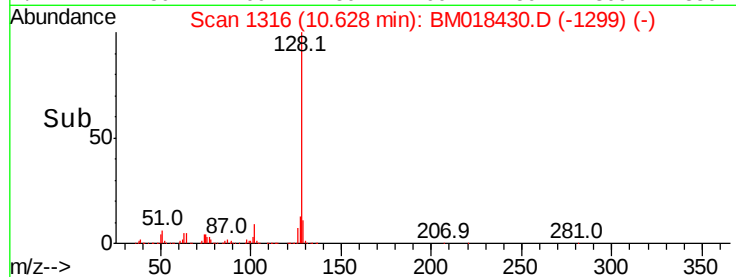
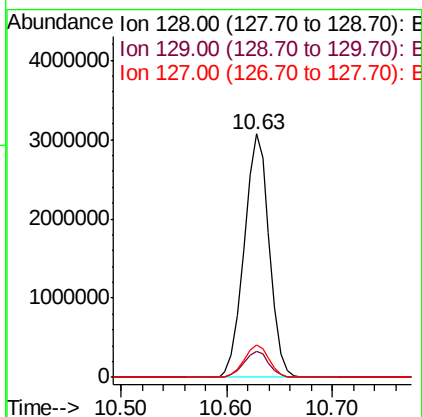
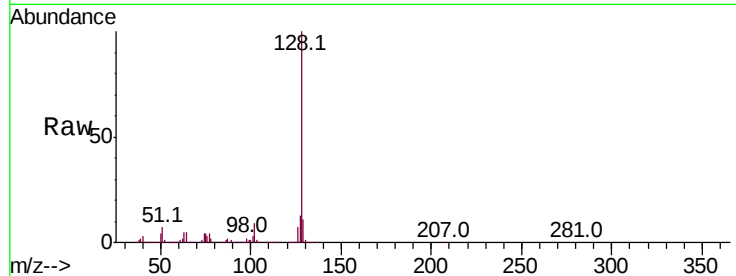
#31
Naphthalene
Concen: 45.243 ng
RT: 10.63 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.1	10.8	16.2

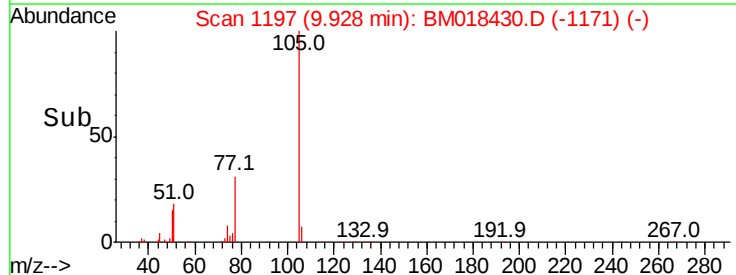
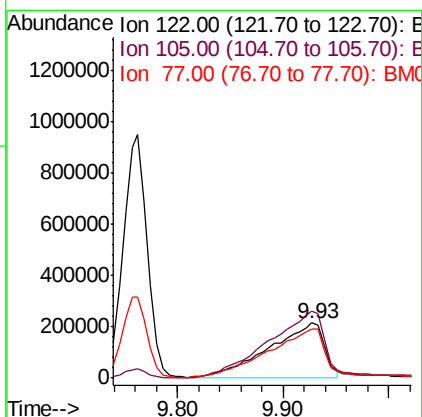
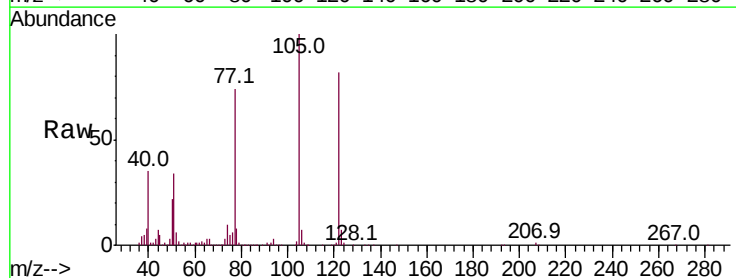
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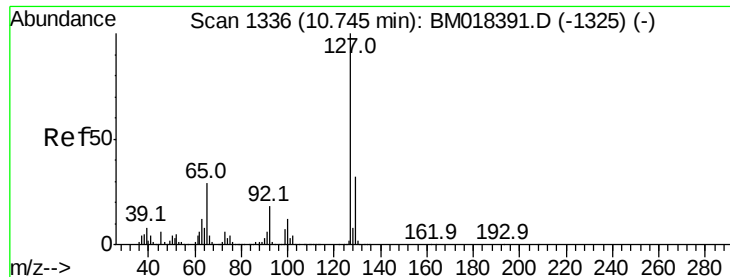
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#32
Benzoic acid
Concen: 45.239 ng
RT: 9.93 min Scan# 1197
Delta R.T. 0.05 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.0	100.4	140.4
77	90.3	71.7	111.7





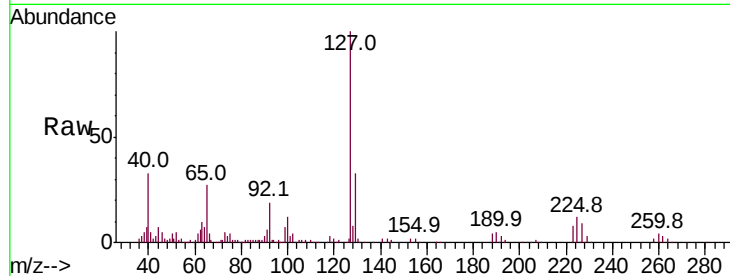
#33
4-Chloroaniline
Concen: 36.456 ng/mL
RT: 10.92 min Scan# 1366
Delta R.T. 0.18 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleID :
PB116023BS

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	33.3	25.9	38.9	
65	27.4	23.4	35.2	
92	19.3	14.5	21.7	

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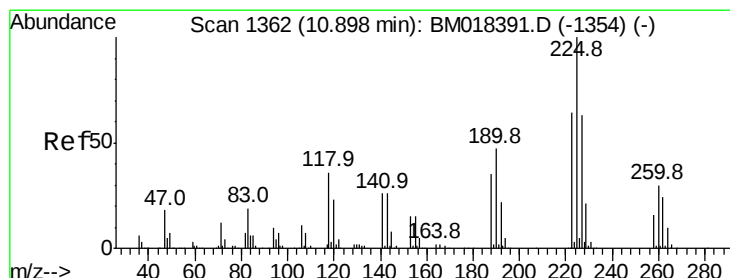
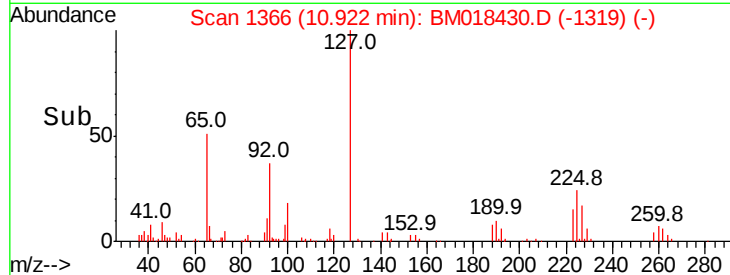
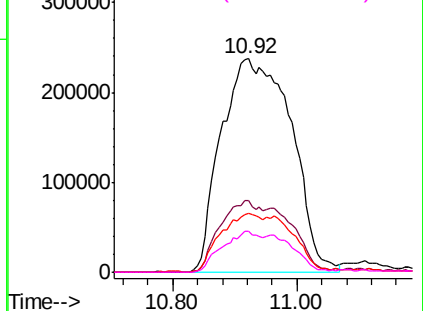
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 42.662 ng/mL
RT: 10.90 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

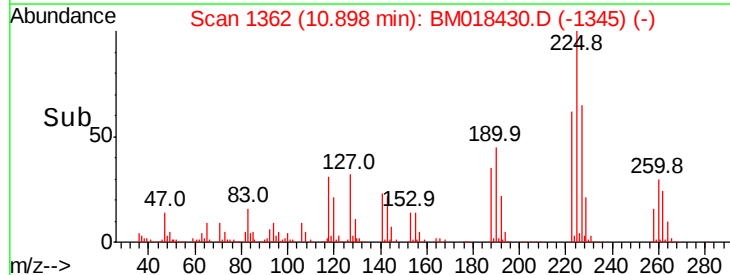
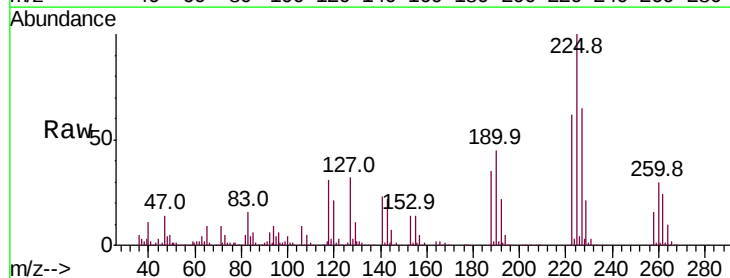
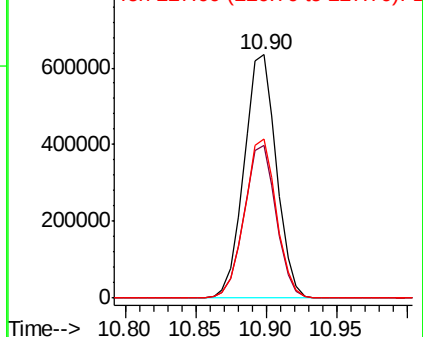
Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	62.5	50.8	76.2	
227	65.1	50.4	75.6	

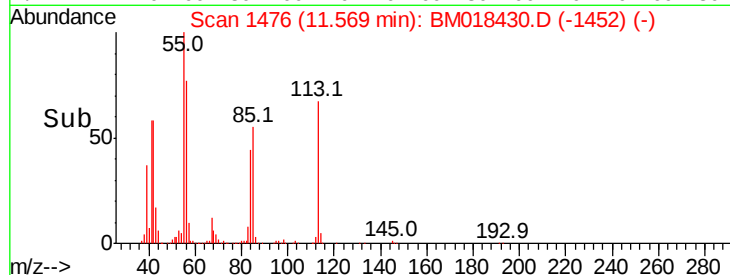
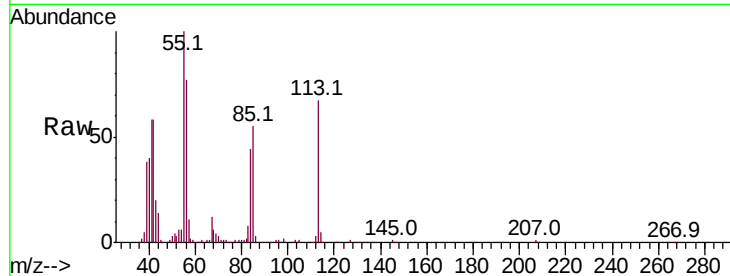
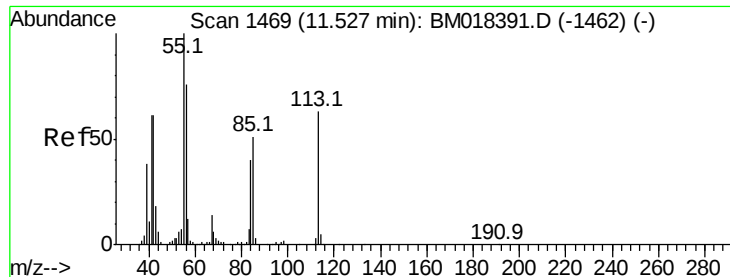
Abundance

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: 39.508 ng/mL

RT: 11.57 min Scan# 1476

Delta R.T. 0.04 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion:113 Resp: 467376

Ion Ratio Lower Upper

113 100

55 150.3 139.3 179.3

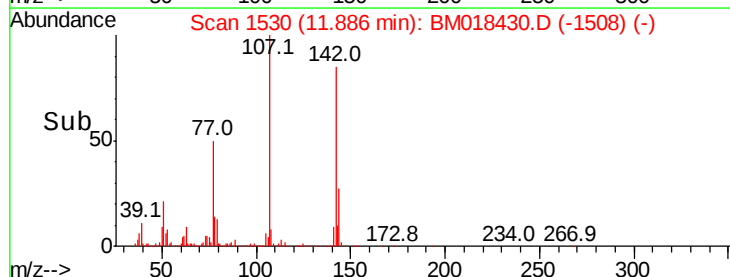
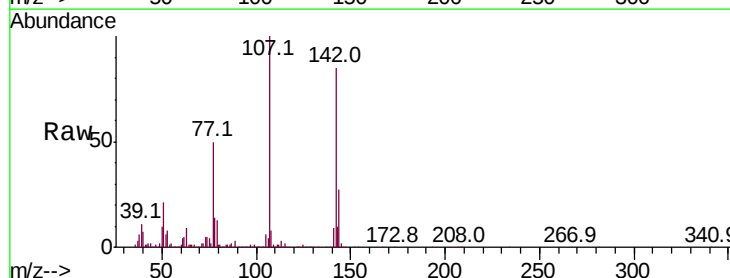
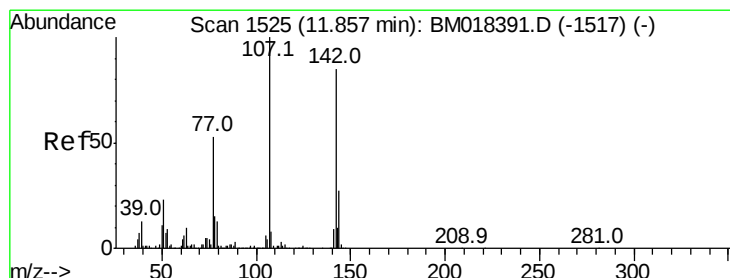
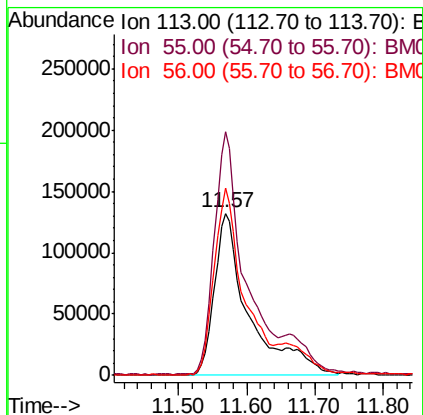
56 115.6 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 42.776 ng/mL

RT: 11.89 min Scan# 1530

Delta R.T. 0.03 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

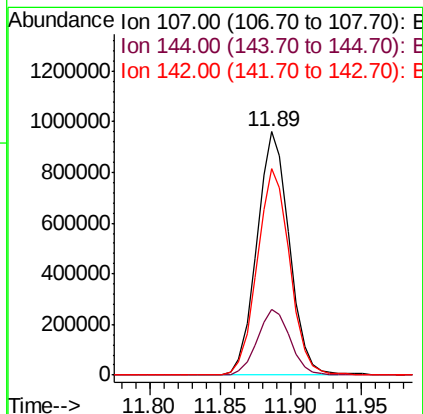
Tgt Ion:107 Resp: 1552079

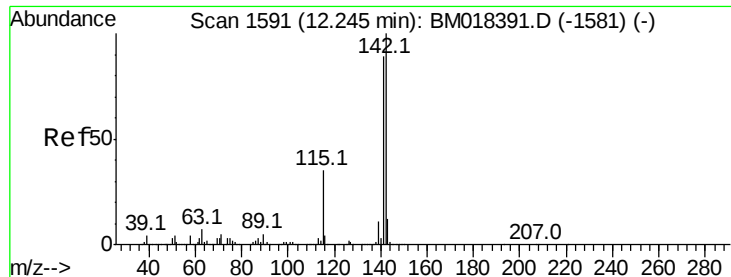
Ion Ratio Lower Upper

107 100

144 27.2 21.9 32.9

142 84.7 67.9 101.9





#37

2-Methylnaphthalene

Concen: 45.421 ng

RT: 12.24 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion:142 Resp: 3706295

Ion Ratio Lower Upper

142 100

141 89.0 71.4 107.2

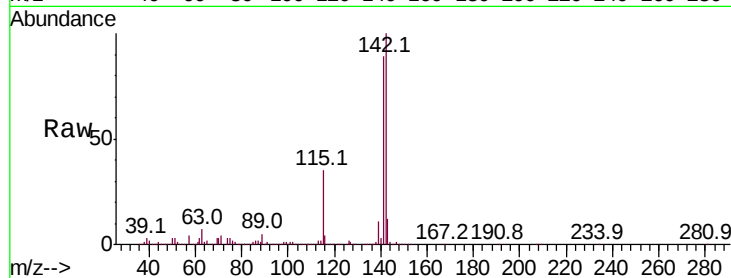
115 34.6 28.0 42.0

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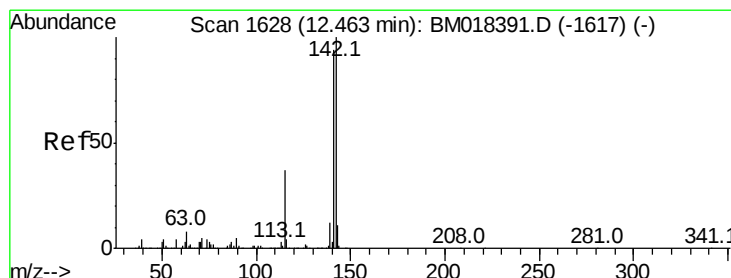
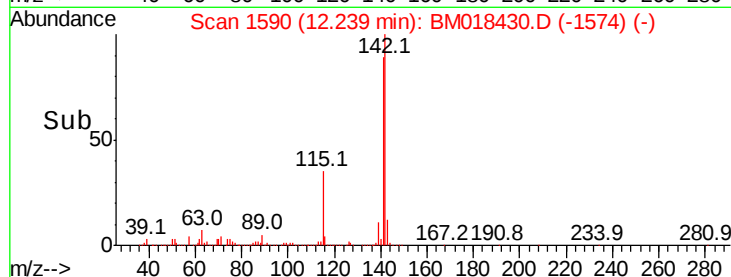
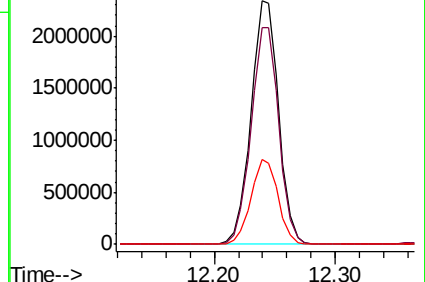
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.417 ng

RT: 12.46 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

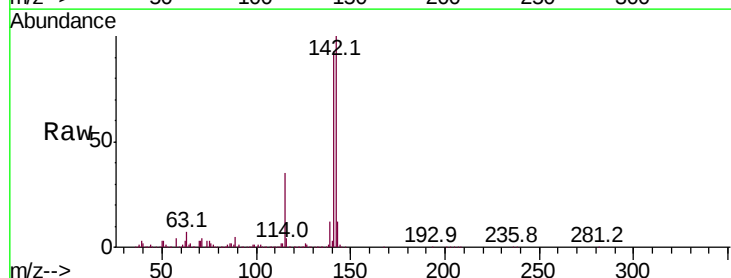
Tgt Ion:142 Resp: 3523261

Ion Ratio Lower Upper

142 100

141 93.0 75.6 113.4

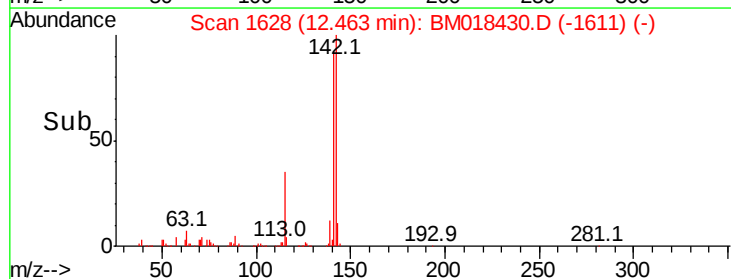
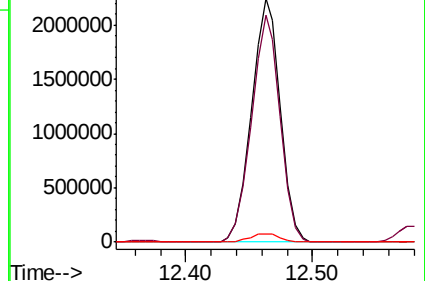
116 3.6 3.0 4.6

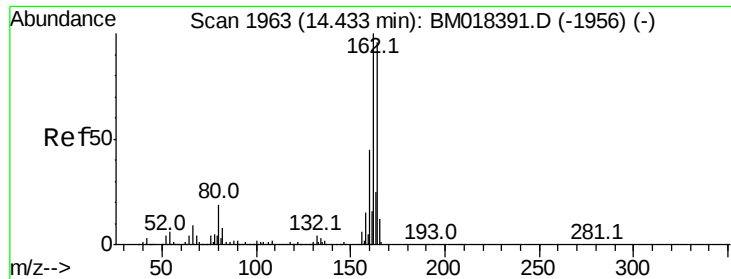


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





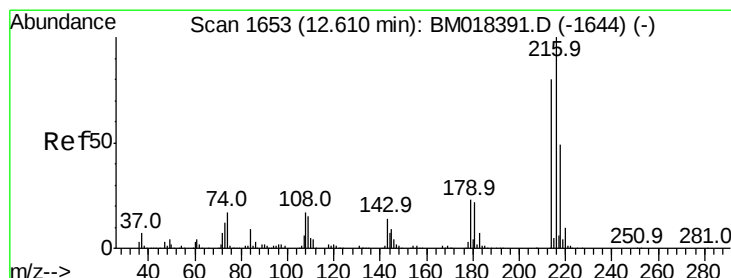
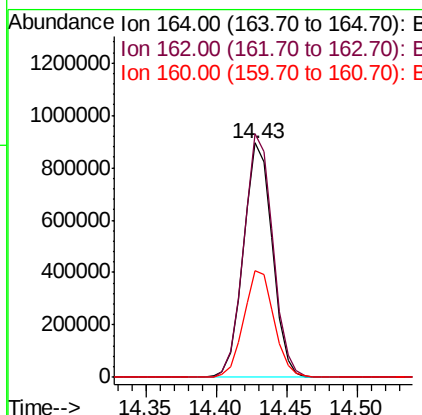
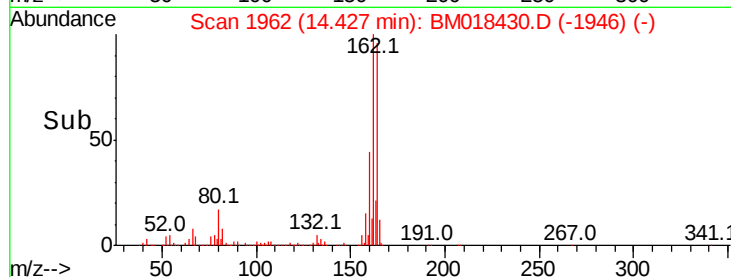
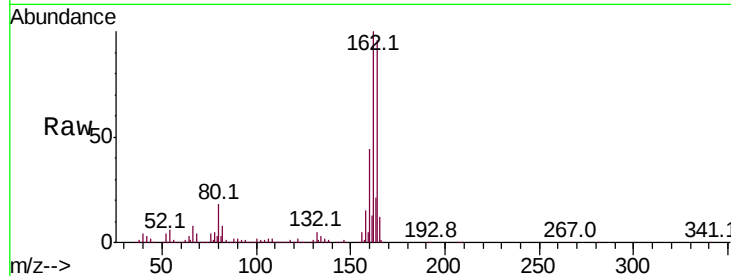
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion:164 Resp: 1280964
Ion Ratio Lower Upper
164 100
162 103.8 83.0 124.4
160 45.5 37.1 55.7

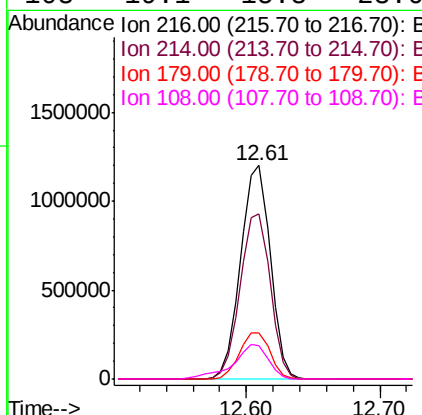
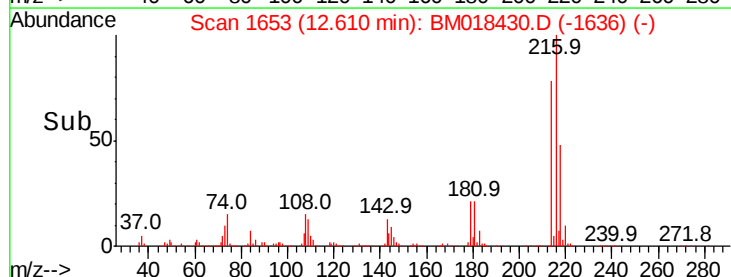
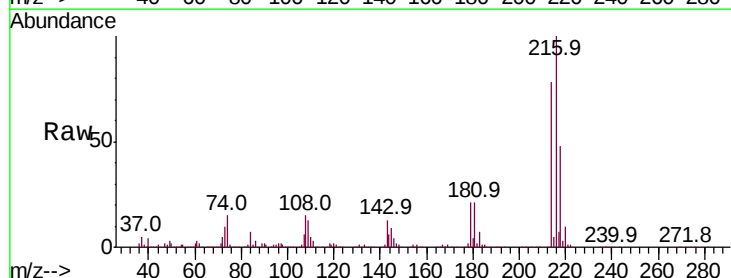
Manual Integrations
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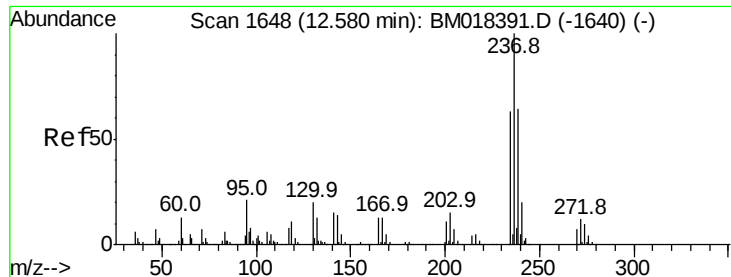
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.112 ng
RT: 12.61 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion:216 Resp: 1849215
Ion Ratio Lower Upper
216 100
214 78.3 63.4 95.0
179 22.1 17.9 26.9
108 19.1 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 89.554 ng

RT: 12.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion:237 Resp: 1741349

Ion Ratio Lower Upper

237 100

235 62.5 42.8 82.8

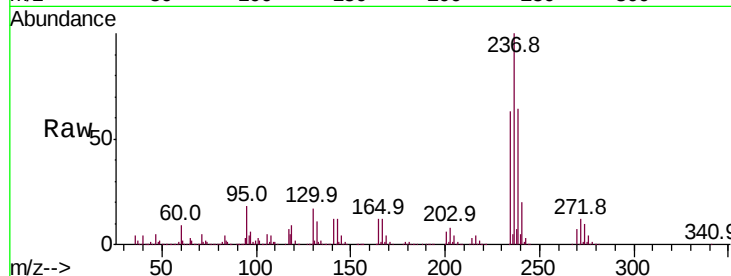
272 12.1 0.0 31.9

Manual Integrations

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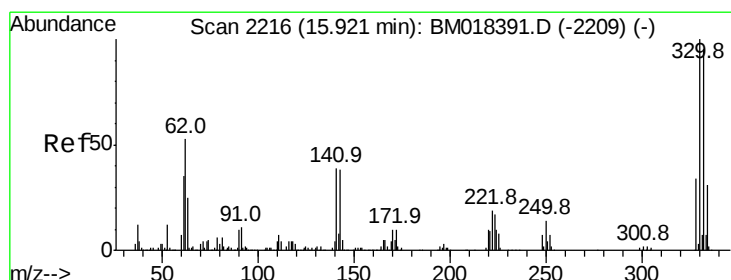
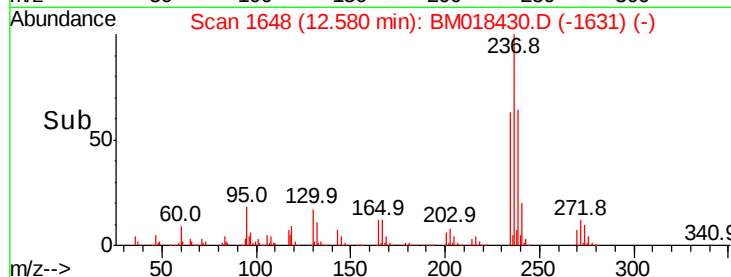
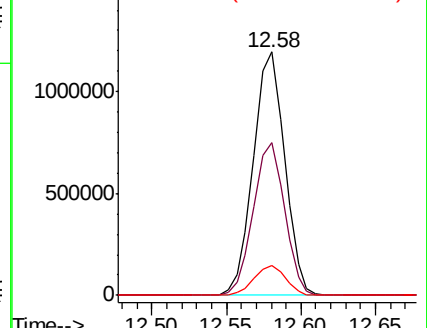
12/28/2018 3:59:30 PM



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 112.453 ng

RT: 15.93 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

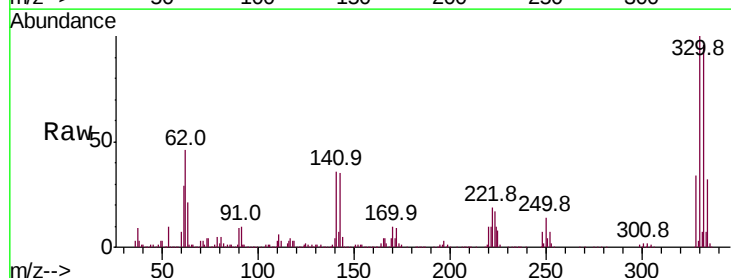
Tgt Ion:330 Resp: 1830263

Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

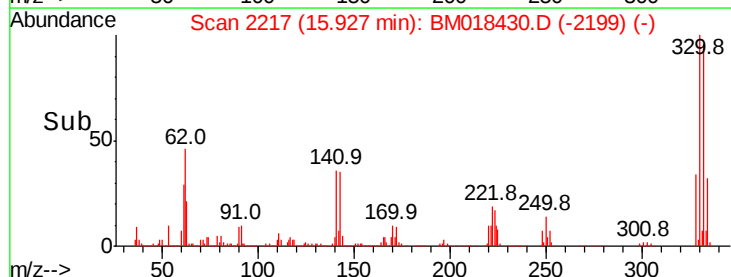
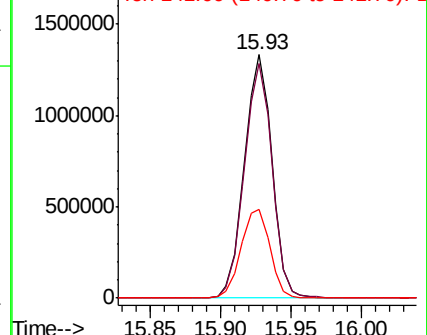
141 38.3 31.7 47.5

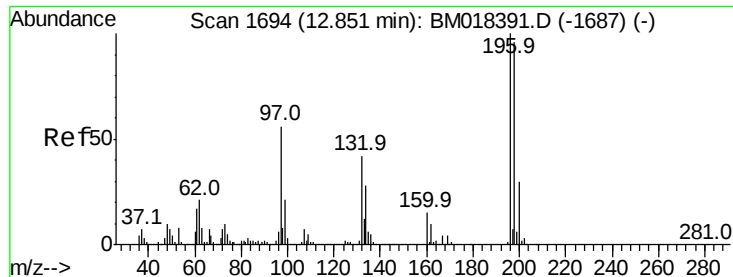


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 54.628 ng

RT: 12.86 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :

BNA_M

ClientSampled :

PB116023BS

Tot Ion:196 Resp: 1244386

Ion Ratio Lower Upper

196 100

198 95.7 76.6 115.0

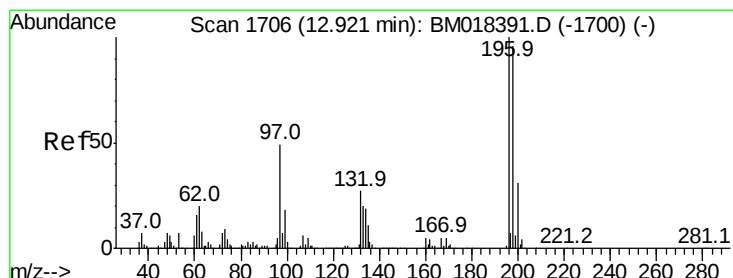
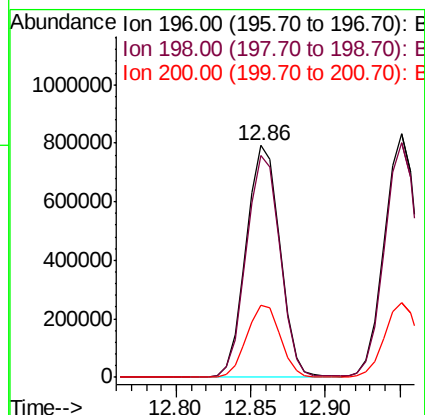
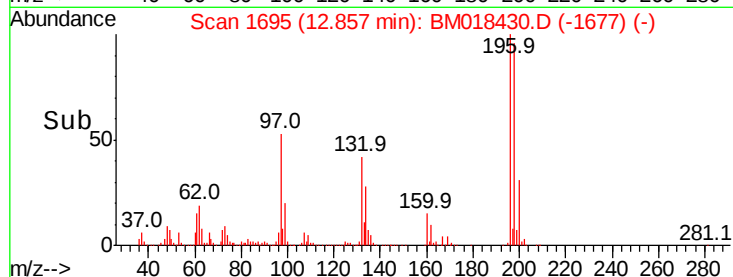
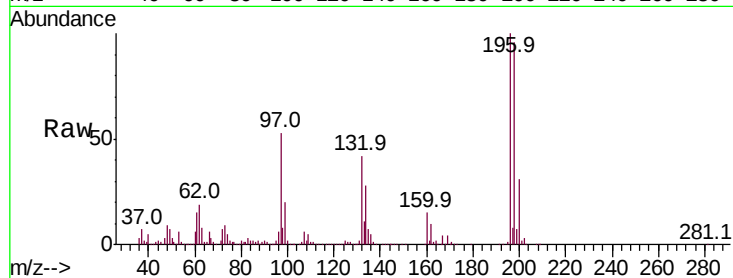
200 31.3 24.2 36.4

Manual Integrations

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#44

2,4,5-Trichlorophenol

Concen: 51.969 ng

RT: 12.95 min Scan# 1711

Delta R.T. 0.03 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Tgt Ion:196 Resp: 1293659

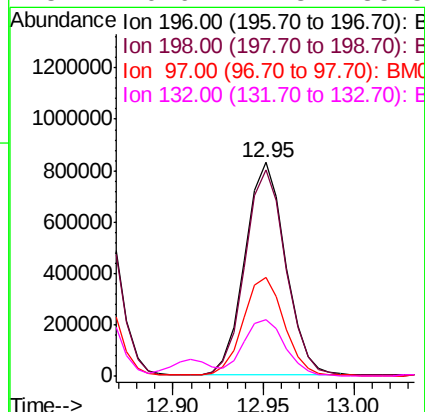
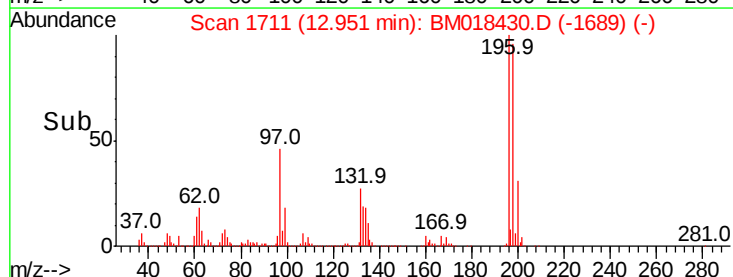
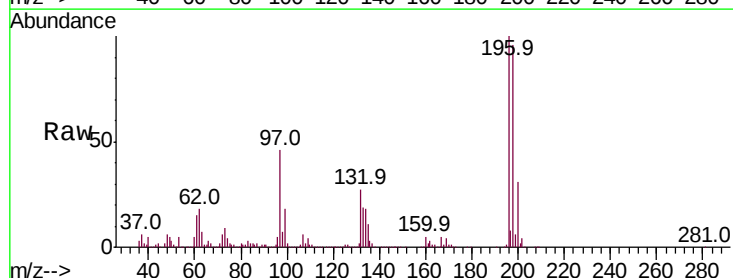
Ion Ratio Lower Upper

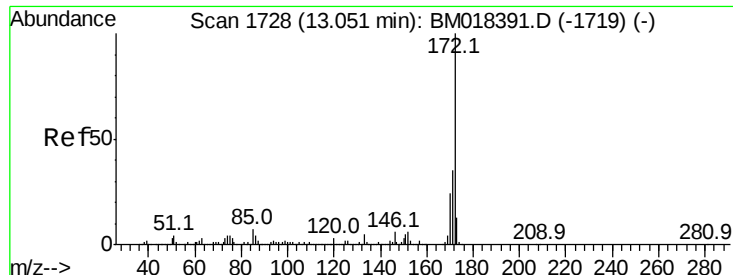
196 100

198 96.3 76.7 115.1

97 46.0 39.2 58.8

132 26.6 22.3 33.5





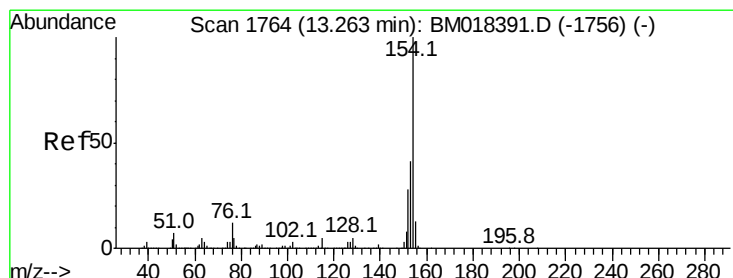
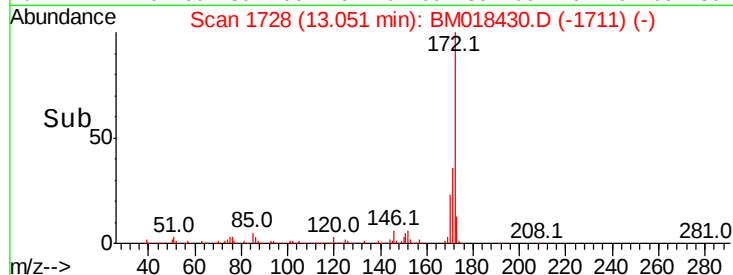
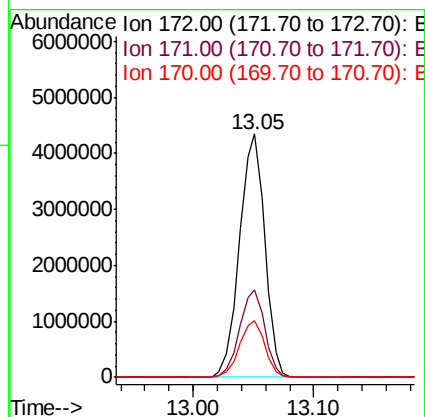
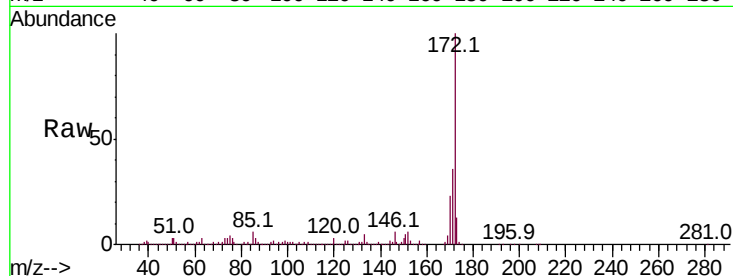
#45
2-Fluorobiphenyl
Concen: 67.289 ng
RT: 13.05 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.4
170	23.3	18.9	28.3

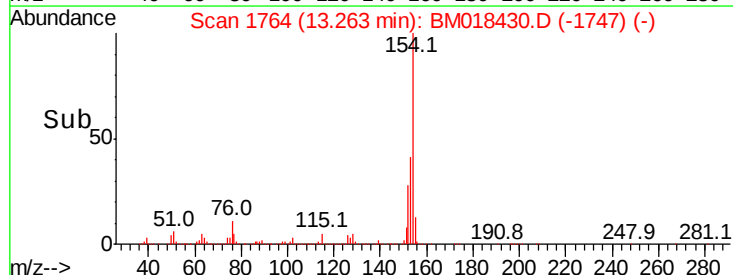
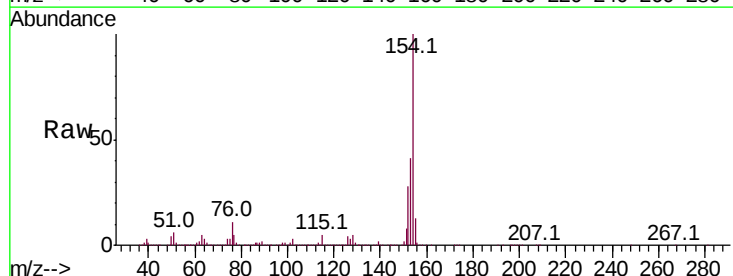
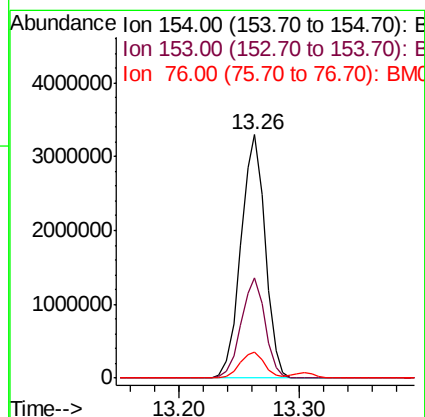
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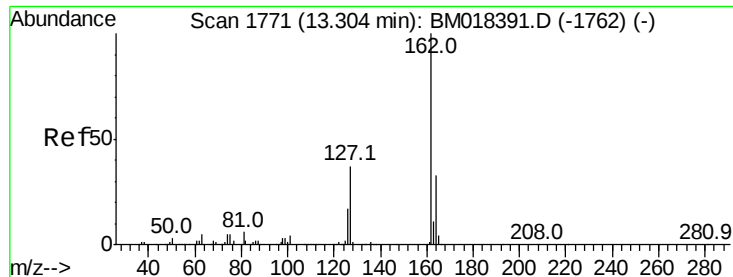
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#46
1,1'-Biphenyl
Concen: 42.186 ng
RT: 13.26 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.5	60.5
76	10.9	0.0	31.9





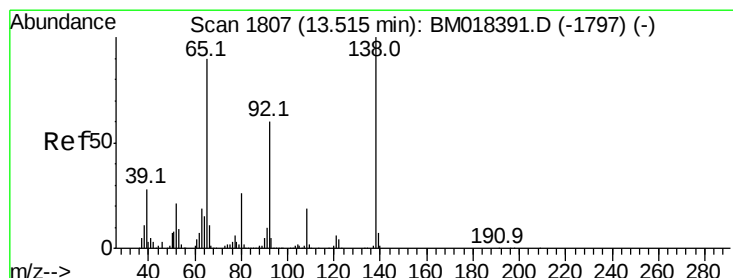
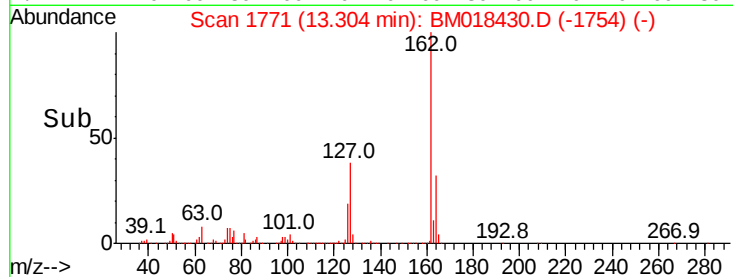
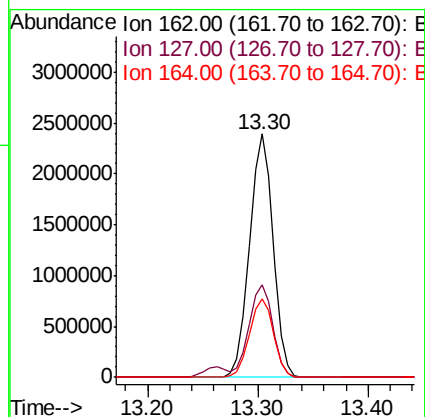
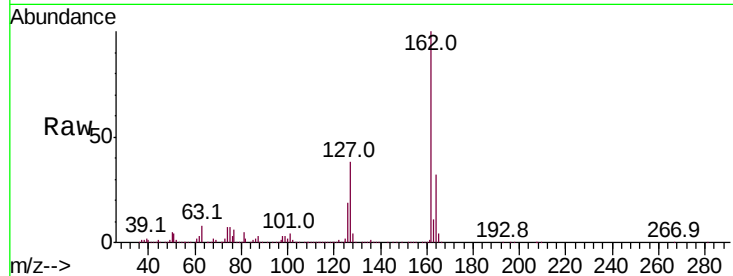
#47
2-Chloronaphthalene
Concen: 42.782 ng
RT: 13.30 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.4	47.0
164	32.3	26.2	39.4

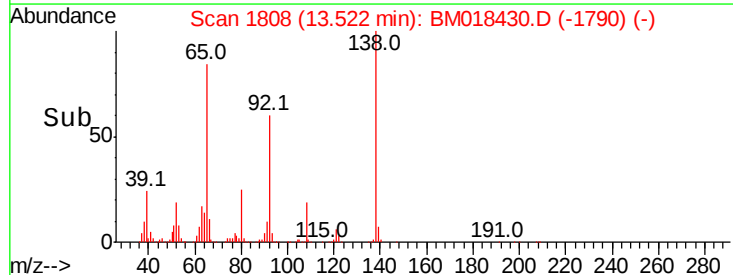
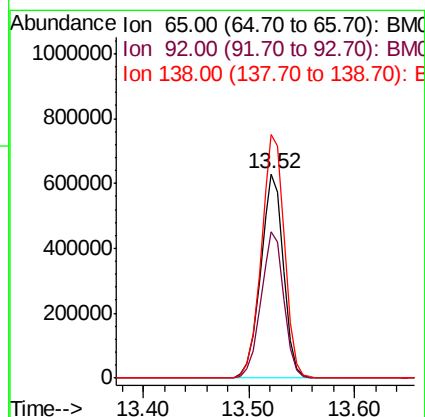
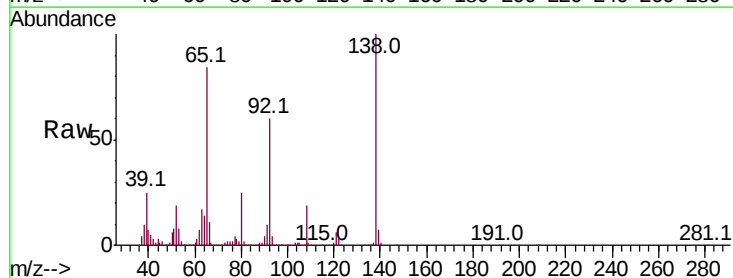
Manual Integrations
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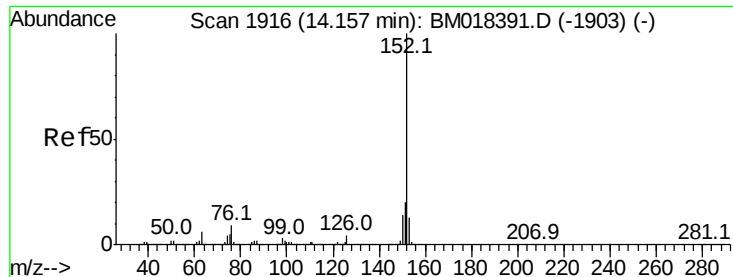
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#48
2-Nitroaniline
Concen: 42.241 ng
RT: 13.52 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	53.4	80.2
138	119.1	88.9	133.3





#49

Acenaphthylene

Concen: 44.521 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion:152 Resp: 5746547

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

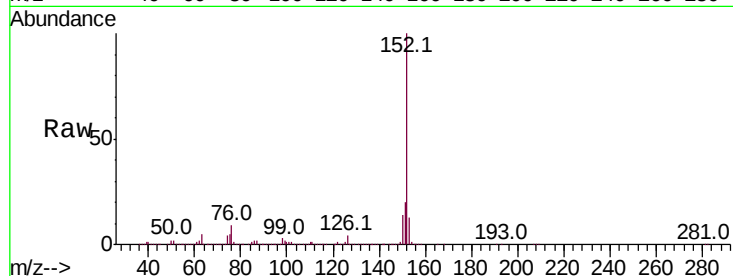
153 13.3 10.5 15.7

Manual Integrations

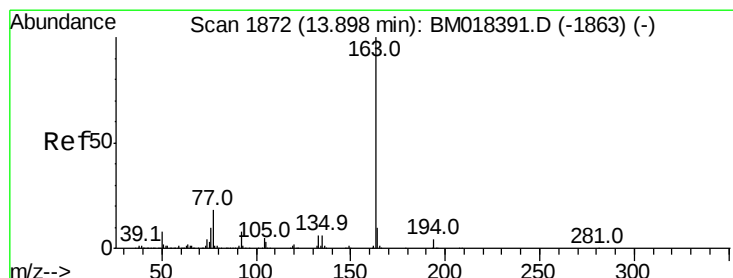
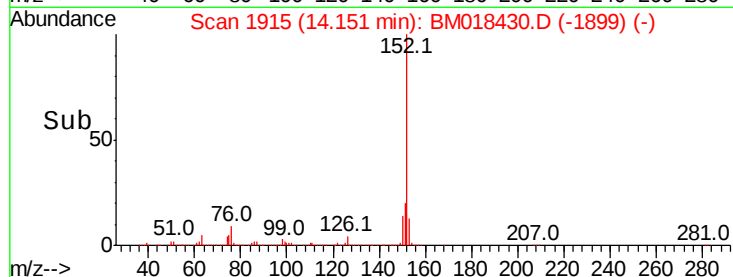
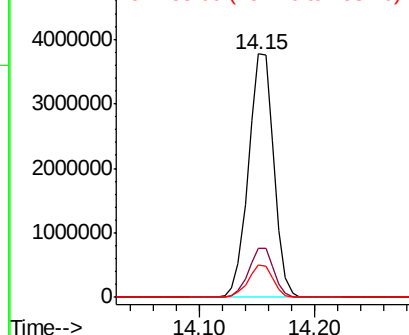
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.414 ng

RT: 13.90 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

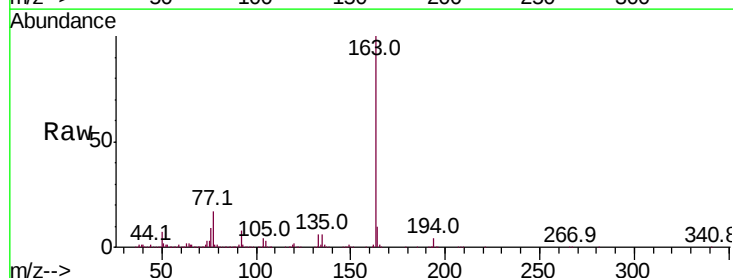
Tgt Ion:163 Resp: 4432152

Ion Ratio Lower Upper

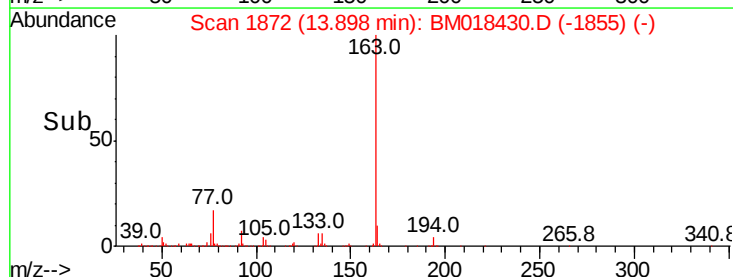
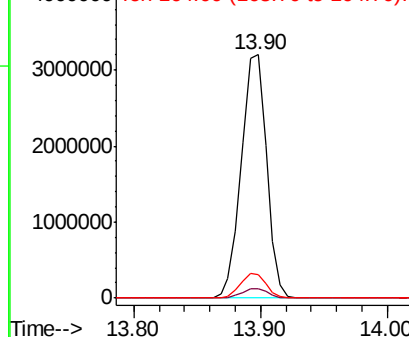
163 100

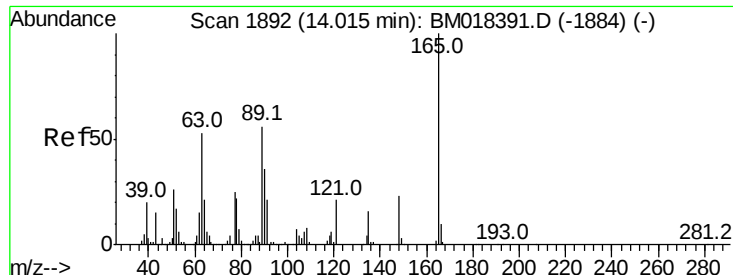
194 3.8 3.0 4.6

164 9.7 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.290 ng

RT: 14.02 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :

BNA_M

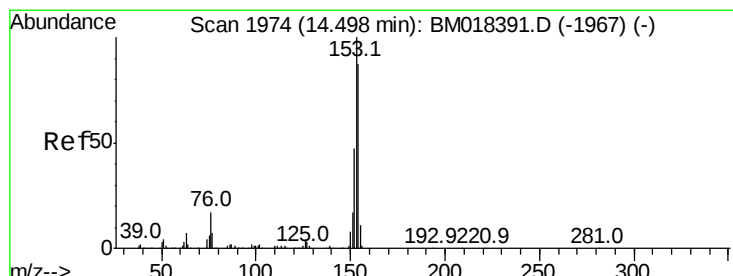
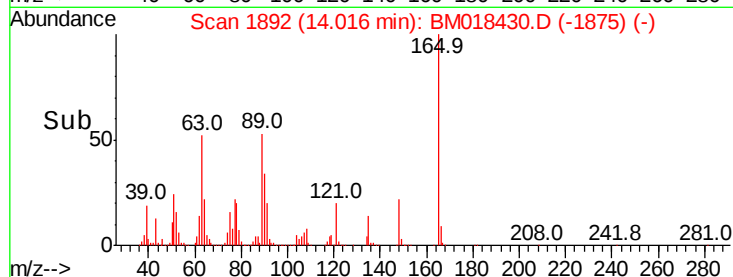
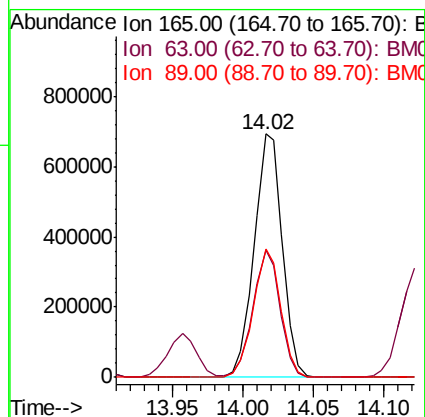
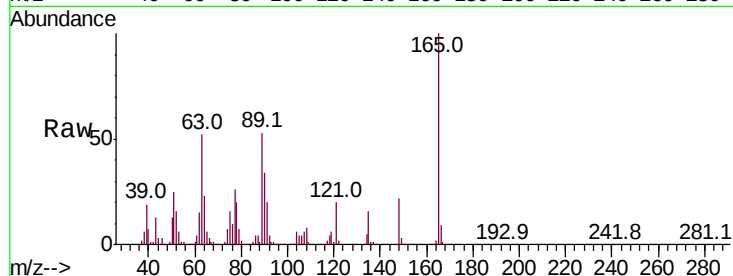
ClientSampled :

PB116023BS

Tot Ion:	165	Resp:	972326
Ion Ratio	Lower	Upper	
165	100		
63	52.1	45.6	68.4
89	52.6	44.6	66.8

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#52

Acenaphthene

Concen: 42.366 ng

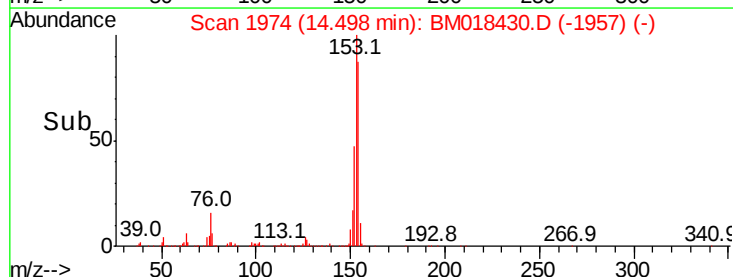
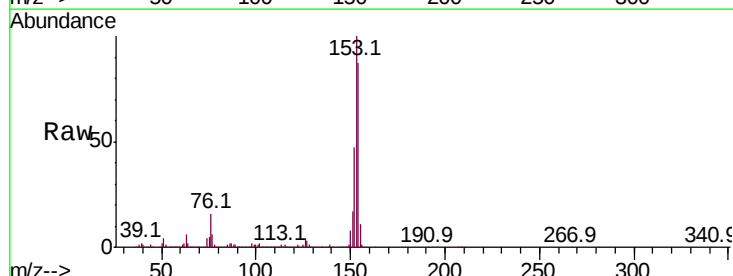
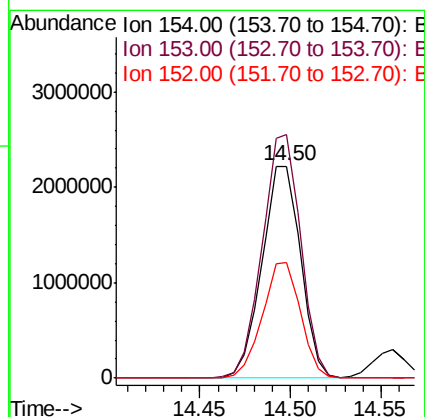
RT: 14.50 min Scan# 1974

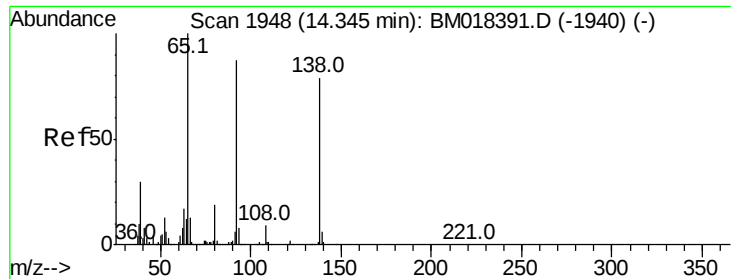
Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Tgt Ion:	154	Resp:	3300041
Ion Ratio	Lower	Upper	
154	100		
153	114.8	92.3	138.5
152	54.3	43.8	65.6





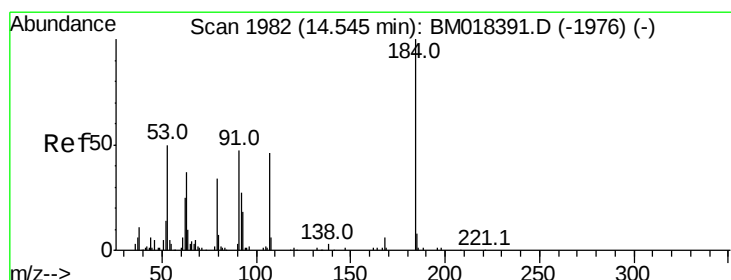
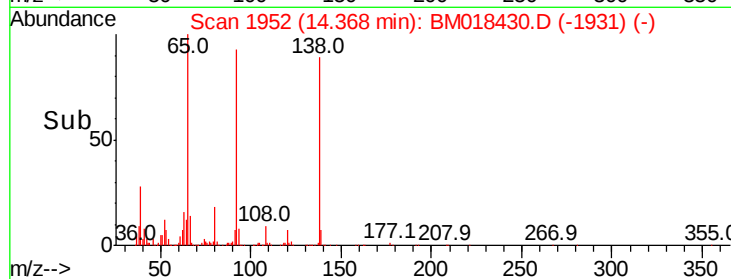
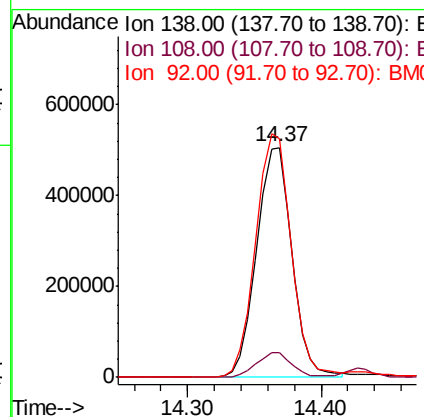
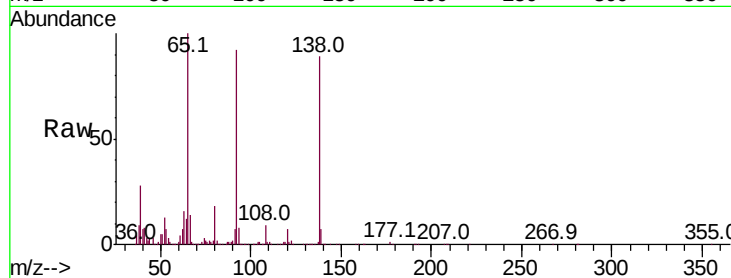
#53
3-Nitroaniline
Concen: 37.260 ng
RT: 14.37 min Scan# 1952
Delta R.T. 0.02 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.1	13.7
92	103.9	88.2	132.2

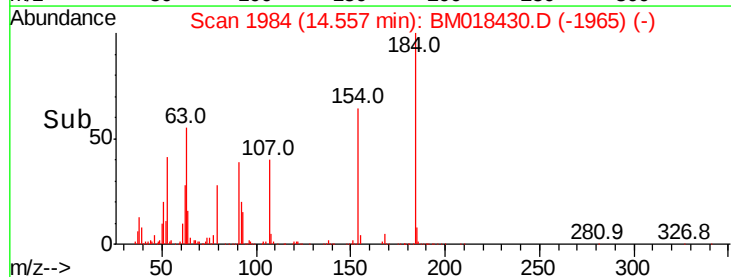
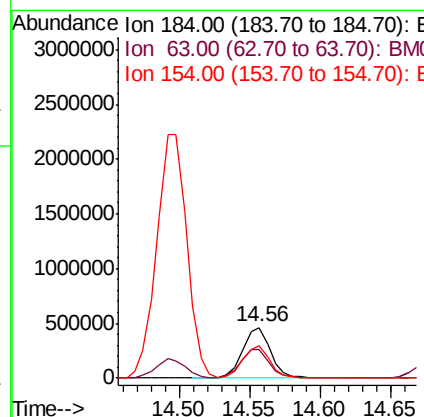
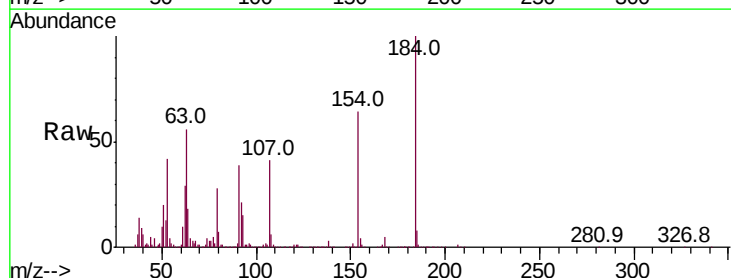
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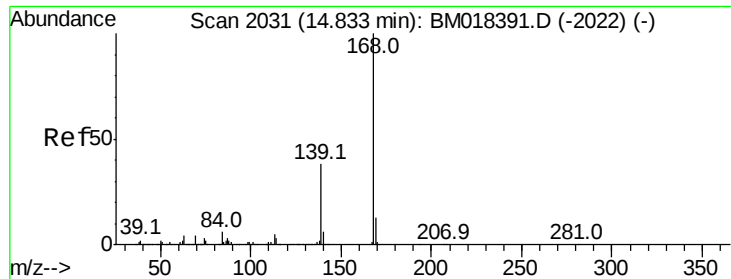
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#54
2,4-Dinitrophenol
Concen: 75.558 ng
RT: 14.56 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.7	55.9	83.9#
154	63.9	54.2	81.4





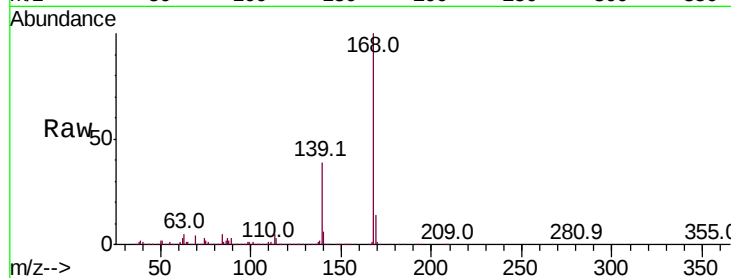
#55
Dibenzofuran
Concen: 41.589 ng
RT: 14.83 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.3	45.5
169	13.6	10.6	16.0

Manual Integrations
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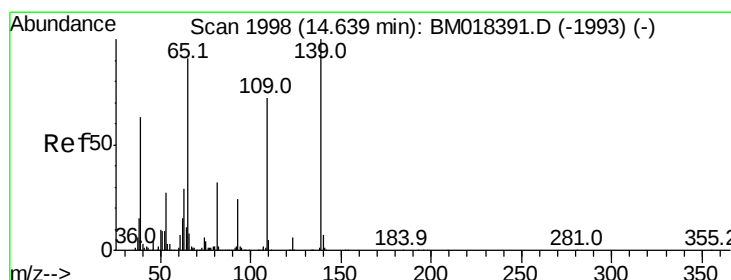
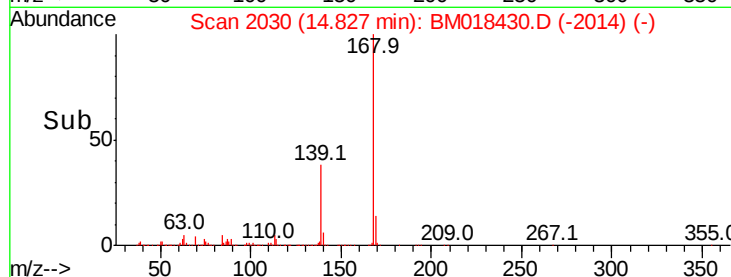
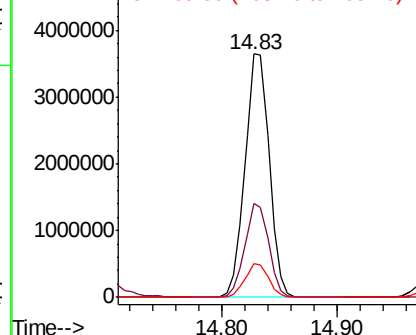


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 70.837 ng m
RT: 14.68 min Scan# 2005
Delta R.T. 0.04 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

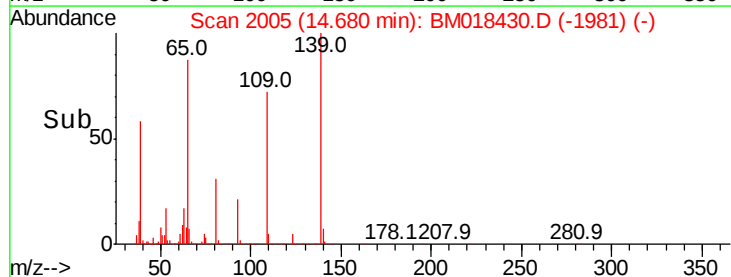
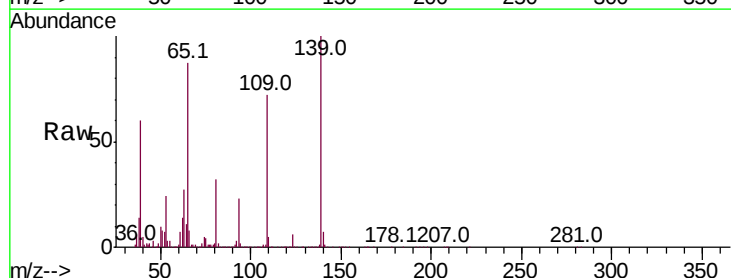
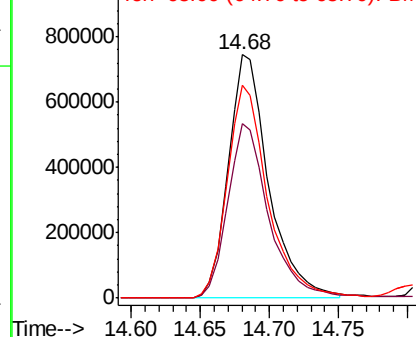
Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.7	51.7	91.7
65	87.5	71.4	111.4

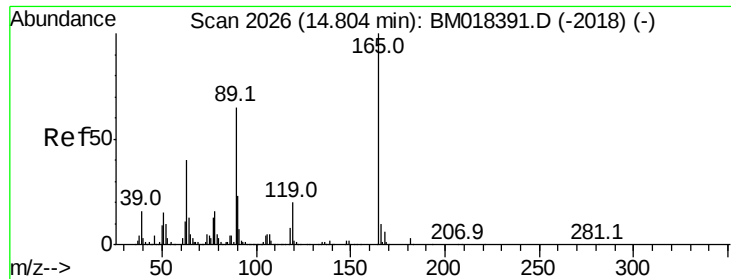
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





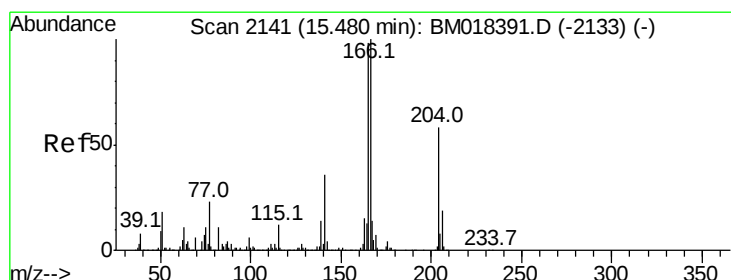
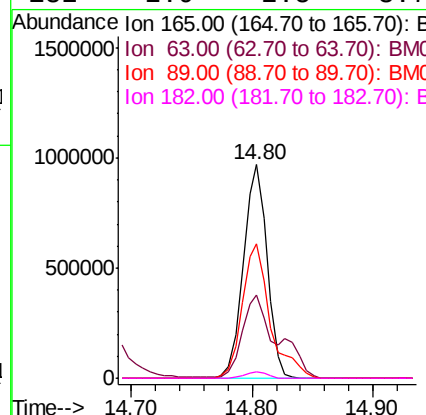
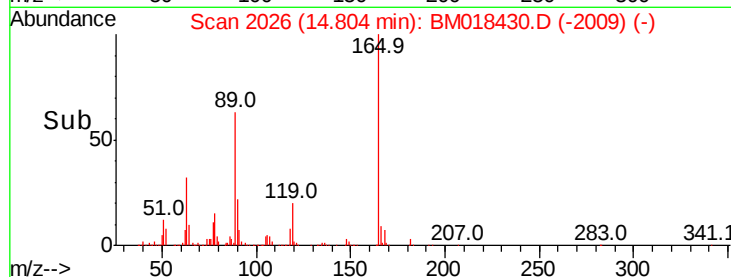
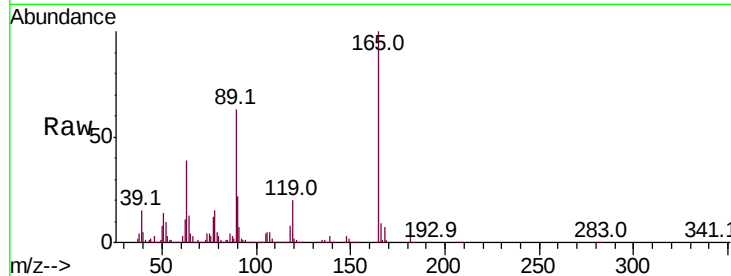
#57
2,4-Dinitrotoluene
Concen: 43.613 ng
RT: 14.80 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.8	32.2	48.2
89	63.0	52.1	78.1
182	2.9	2.5	3.7

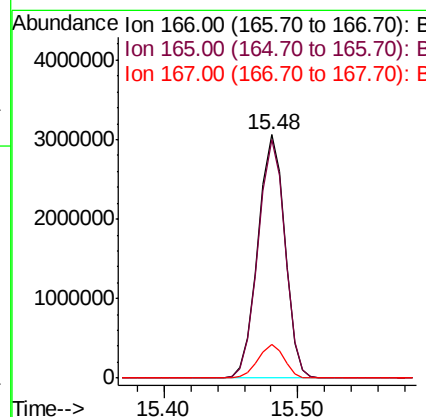
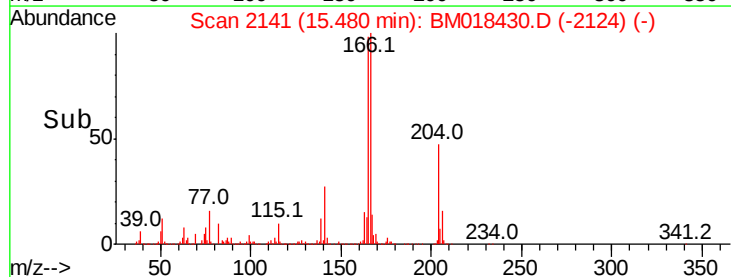
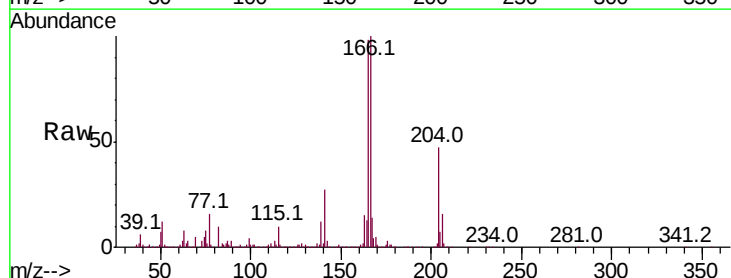
Manual Integrations
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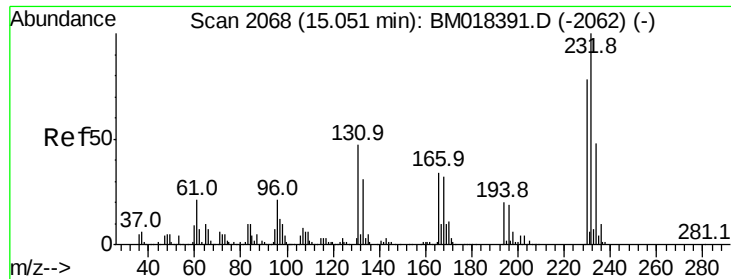
Sohil
12/28/2018 3:59:30 PM



#58
Fluorene
Concen: 42.719 ng
RT: 15.48 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.3	117.5
167	13.6	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.416 ng

RT: 15.06 min Scan# 2069

Delta R.T. 0.01 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion:232 Resp: 1090029

Ion Ratio Lower Upper

232 100

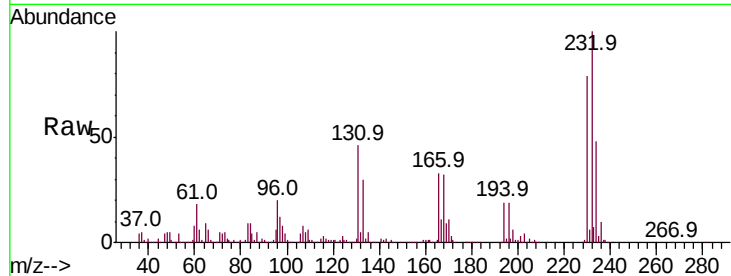
131 46.0 38.6 57.8

130 2.5 2.2 3.4

166 32.9 27.2 40.8

Manual Integrations
APPROVED

Sohil
12/28/2018 3:59:30 PM

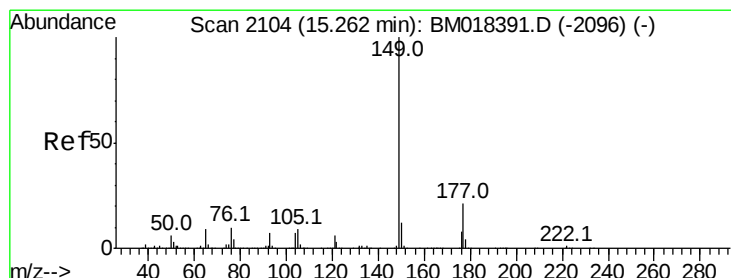
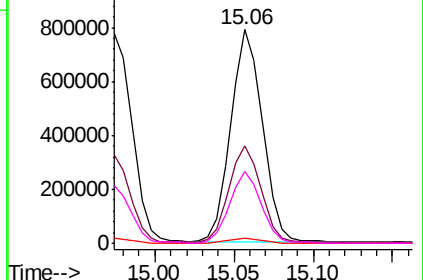
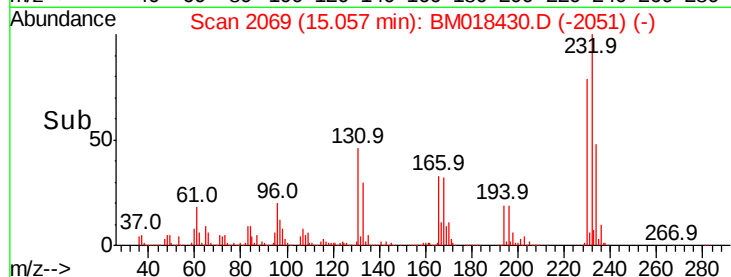


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.817 ng

RT: 15.26 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

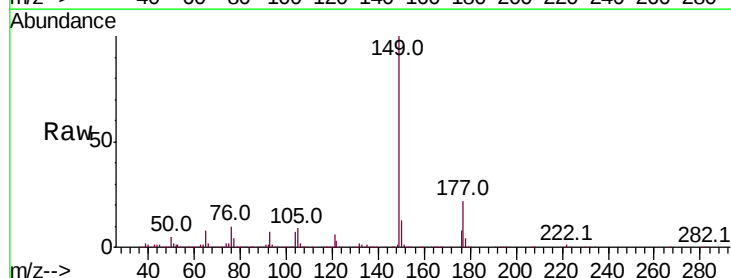
Tgt Ion:149 Resp: 4456925

Ion Ratio Lower Upper

149 100

177 21.7 17.1 25.7

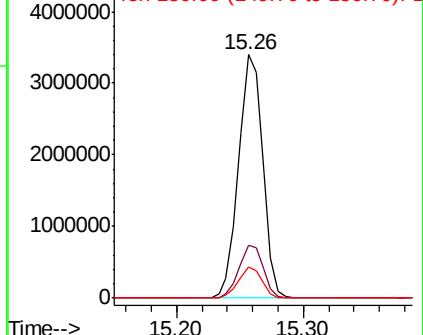
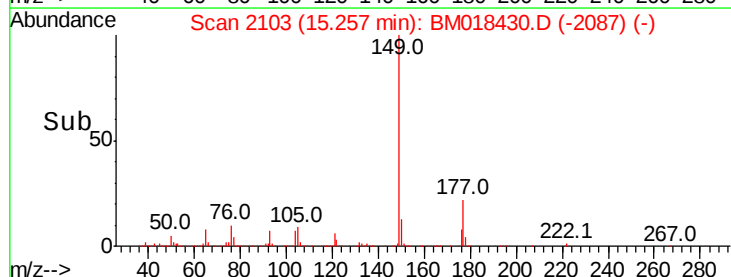
150 12.8 9.8 14.6

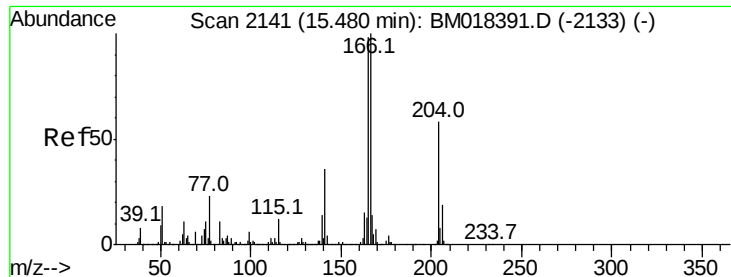


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





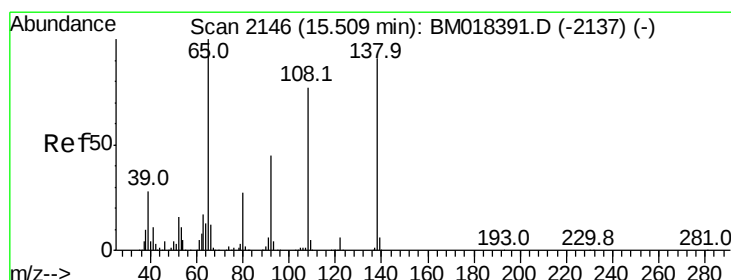
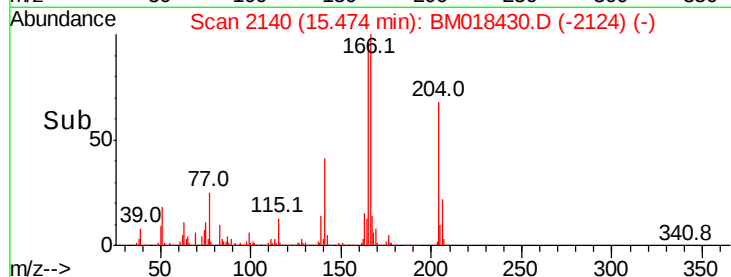
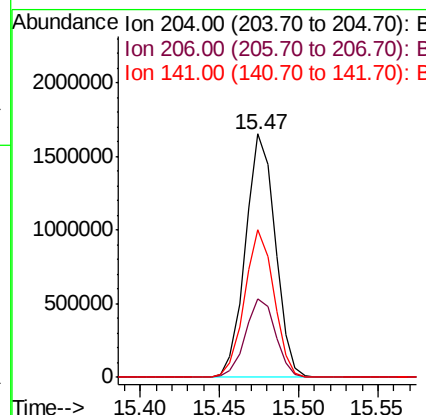
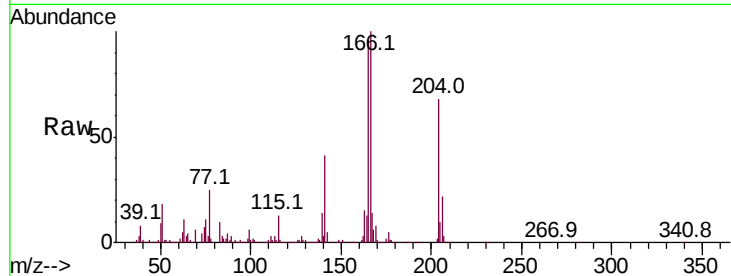
#61
4-Chlorophenyl-phenylether
Concen: 39.454 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.8	38.6
141	60.5	49.5	74.3

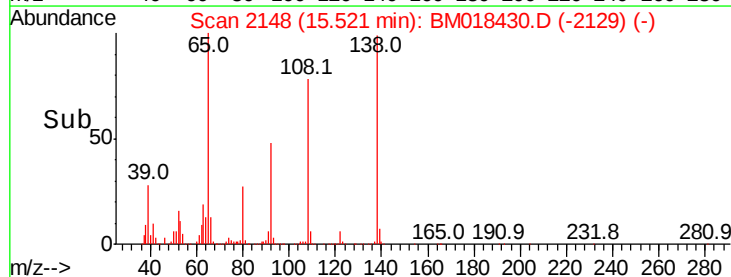
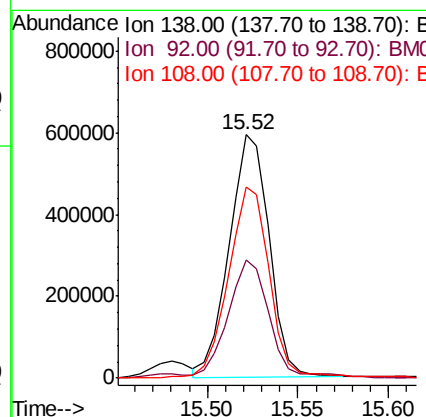
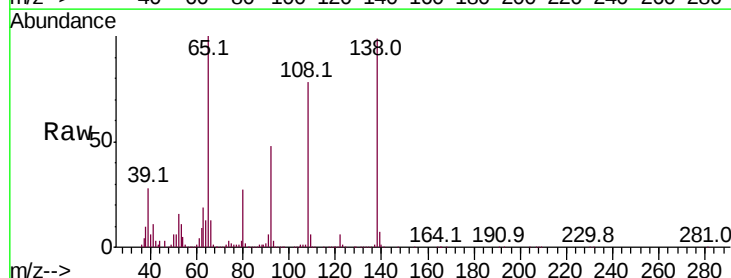
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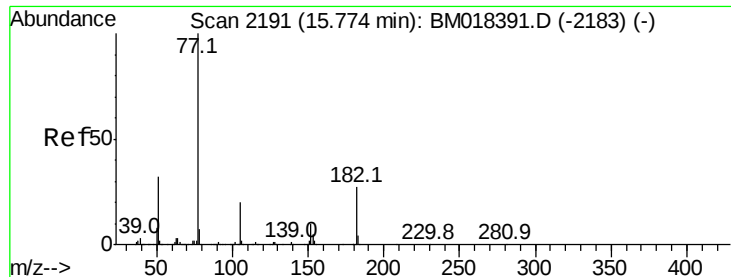
Sohil
12/28/2018 3:59:30 PM



#62
4-Nitroaniline
Concen: 33.975 ng
RT: 15.52 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	29.0	69.0
108	78.6	63.9	103.9





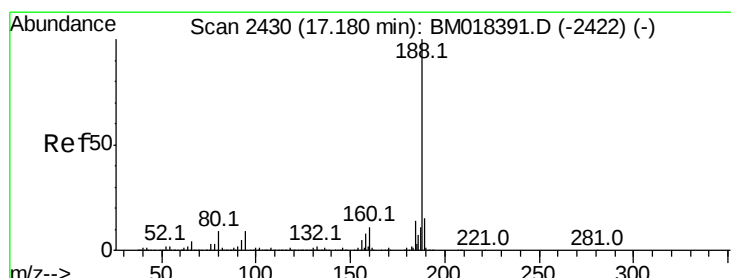
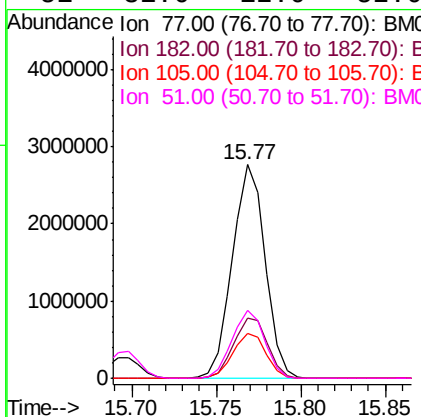
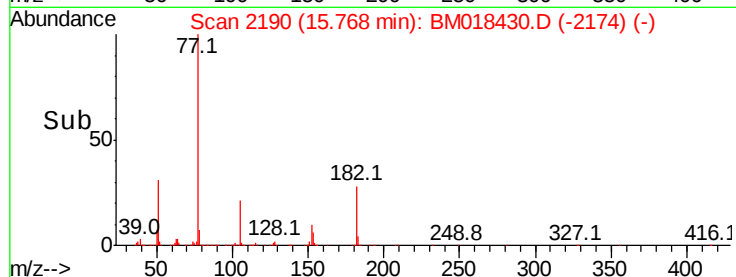
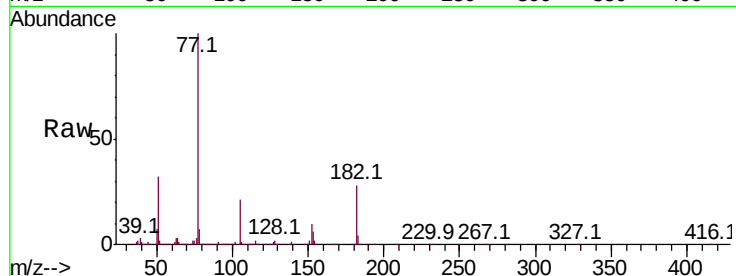
#63
Azobenzene
Concen: 36.560 ng
RT: 15.77 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion: 77 Resp: 3729969
Ion Ratio Lower Upper
77 100
182 28.3 7.4 47.4
105 21.1 0.0 39.6
51 31.6 12.0 52.0

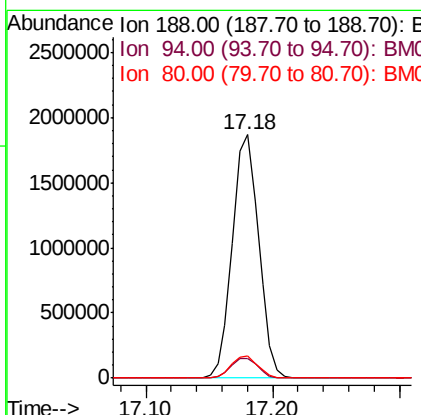
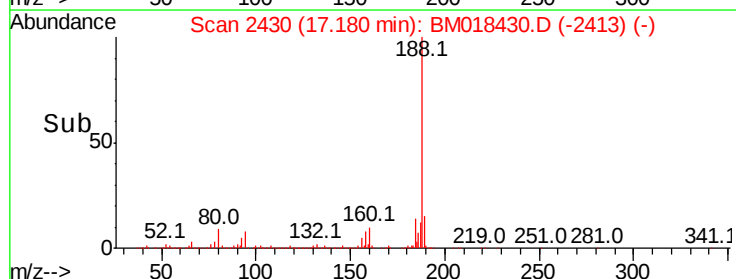
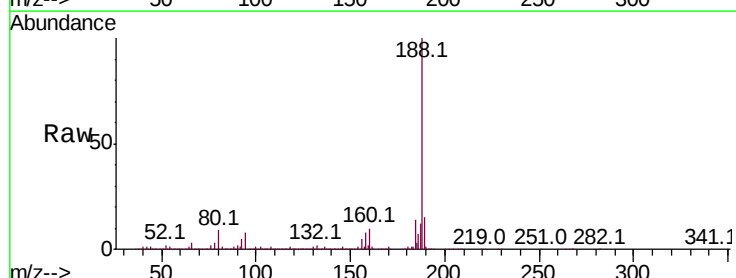
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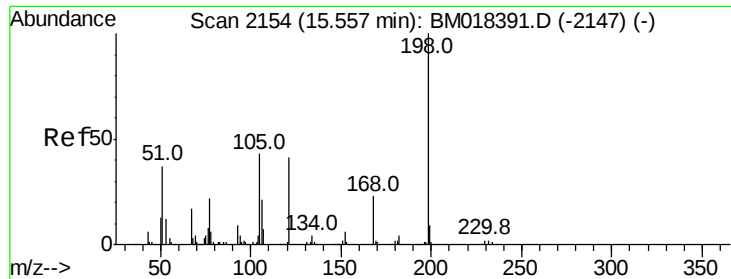
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion: 188 Resp: 2677464
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 9.0 7.6 11.4





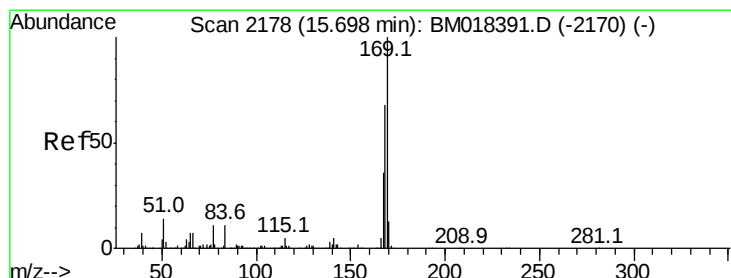
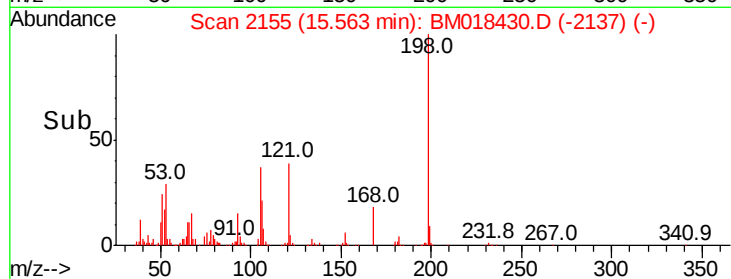
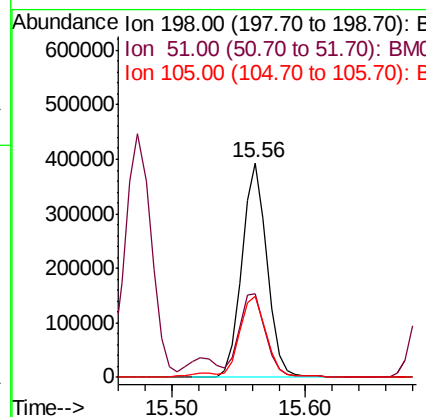
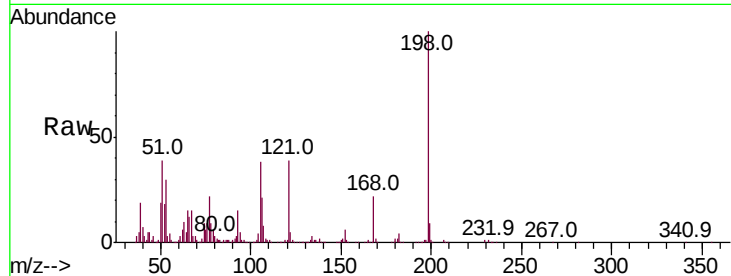
#65
4,6-Dinitro-2-methylphenol
Concen: 45.879 ng
RT: 15.56 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	512436		
51	39.0		29.6	69.6
105	37.6		25.5	65.5

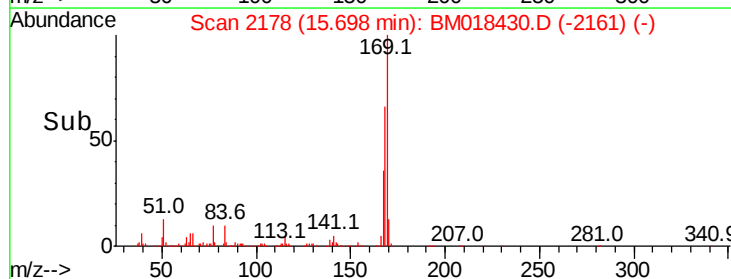
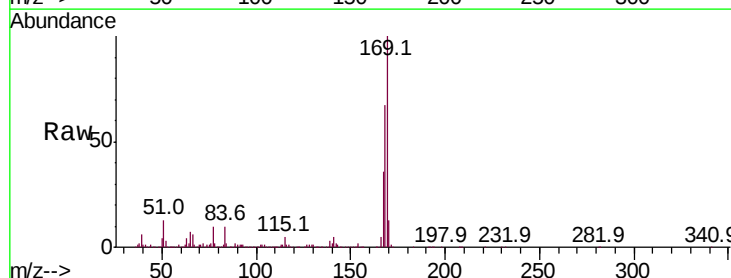
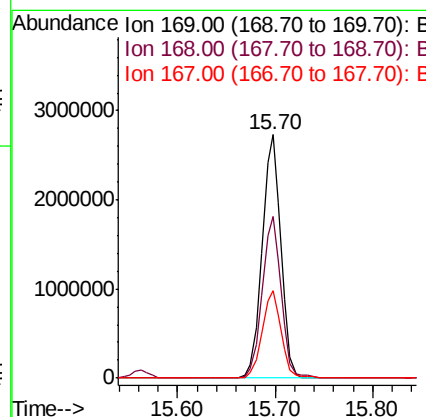
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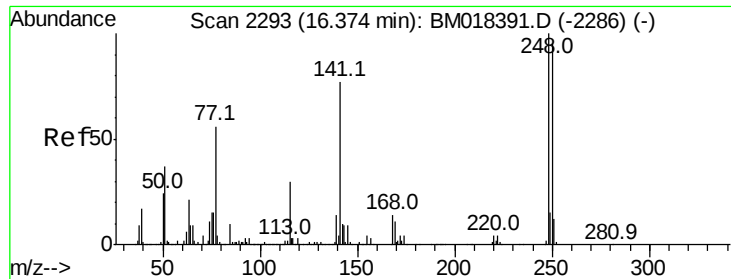
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 44.217 ng
RT: 15.70 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	3689808		
168	66.5		54.1	81.1
167	36.0		28.6	42.8





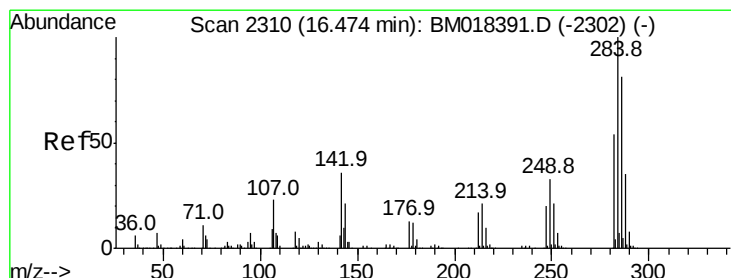
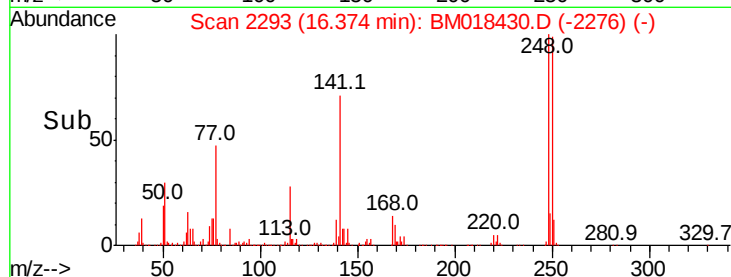
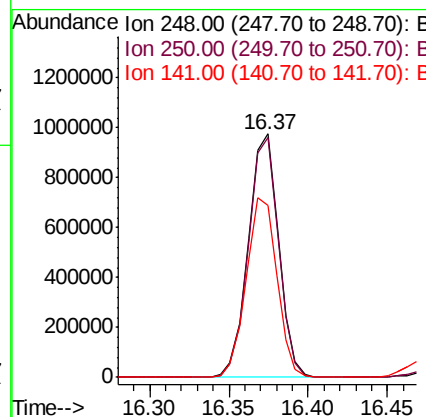
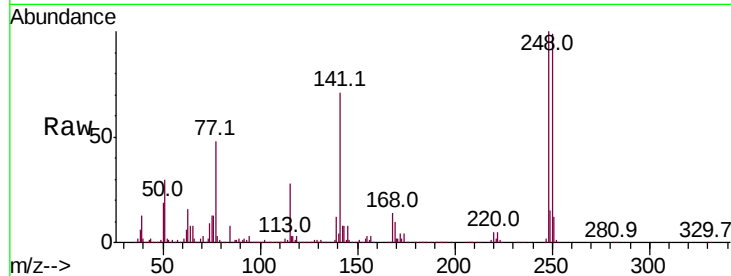
#67
4-Bromophenyl-phenylether
Concen: 44.416 ng
RT: 16.37 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	76.0	114.0
141	70.6	61.5	92.3

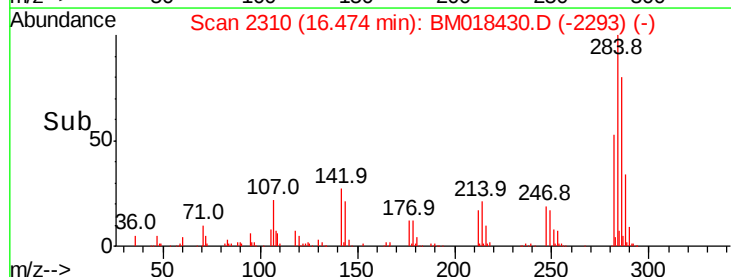
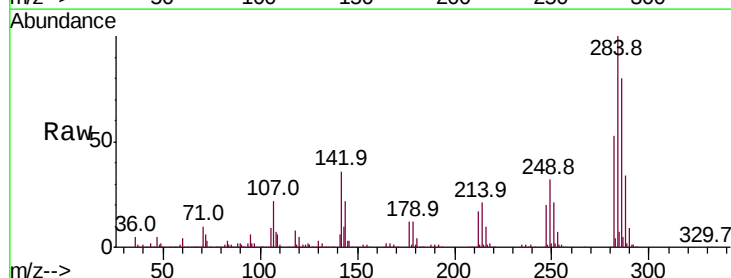
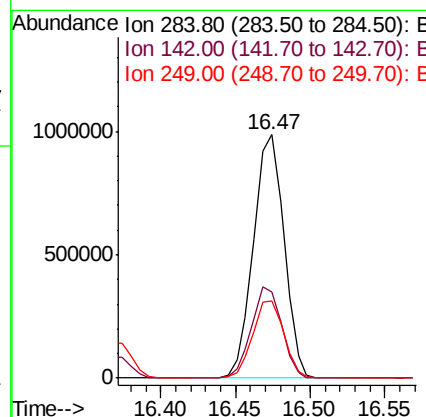
Manual Integrations
APPROVED

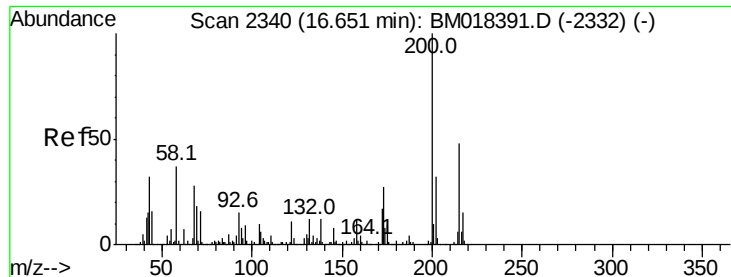
Sohil
12/28/2018 3:59:30 PM



#68
Hexachlorobenzene
Concen: 42.265 ng
RT: 16.47 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	29.2	43.8
249	31.7	26.1	39.1





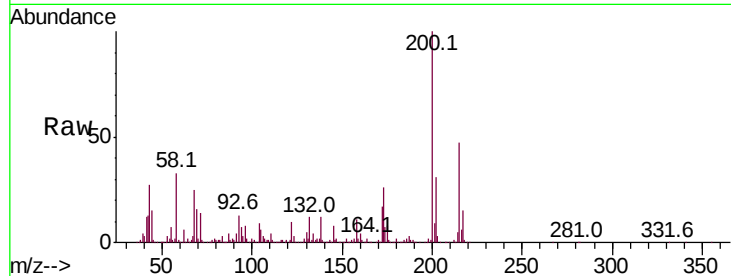
#69
Atrazine
Concen: 37.770 ng
RT: 16.66 min Scan# 2341
Delta R.T. 0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	7.2	47.2
215	46.7	28.3	68.3

Manual Integrations
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12/28/2018 3:59:30 PM

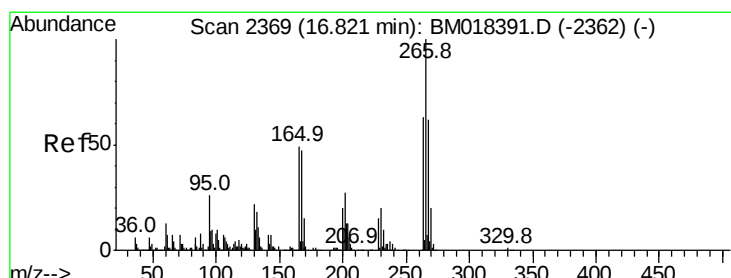
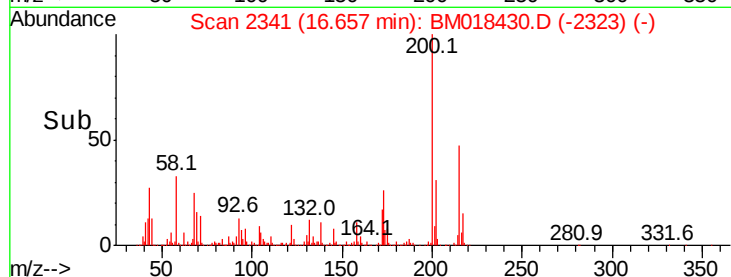
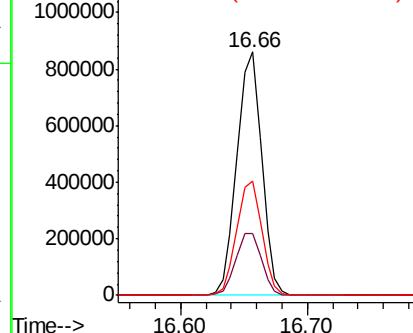


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 78.931 ng
RT: 16.83 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

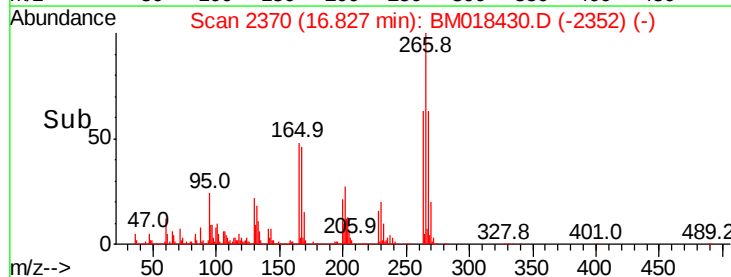
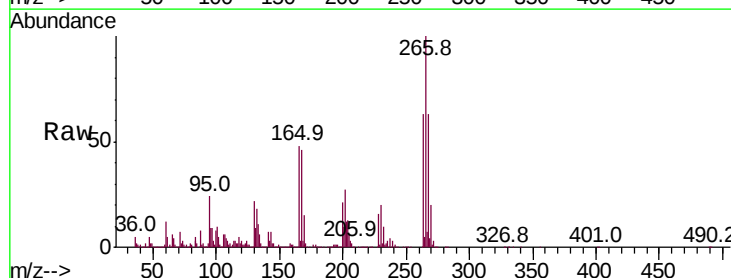
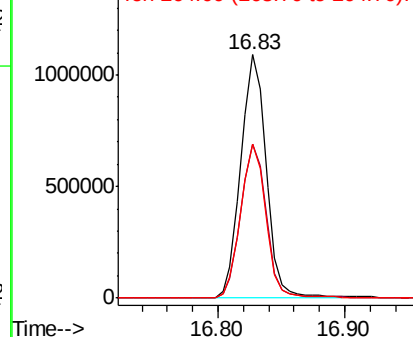
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	49.8	74.6
264	63.5	50.1	75.1

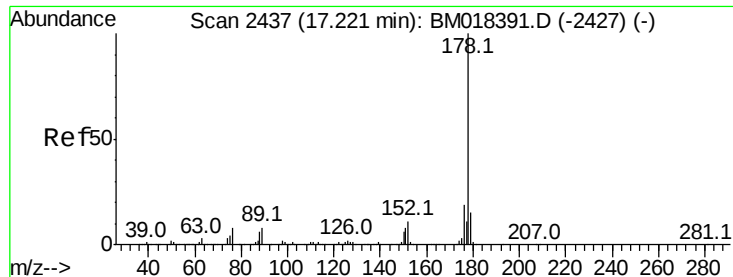
Abundance

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





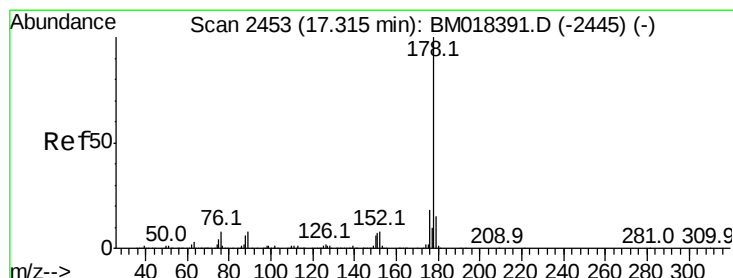
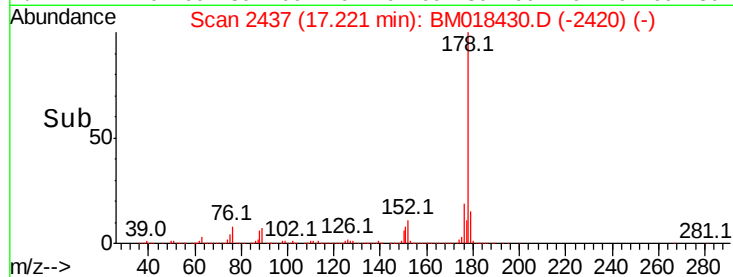
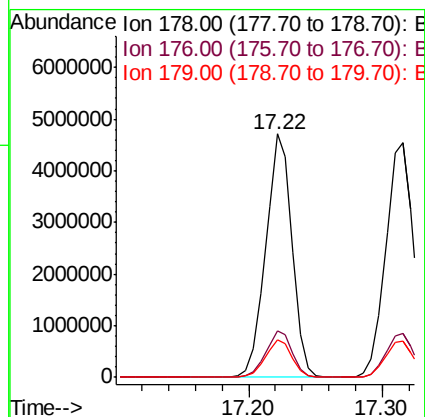
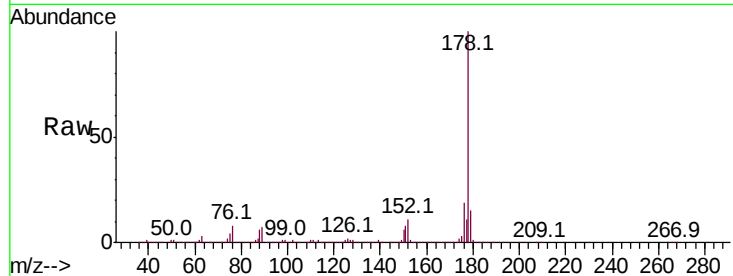
#71
Phenanthrene
Concen: 45.063 ng
RT: 17.22 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.3	12.2	18.4

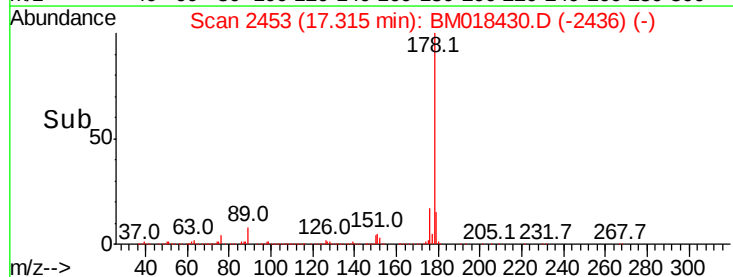
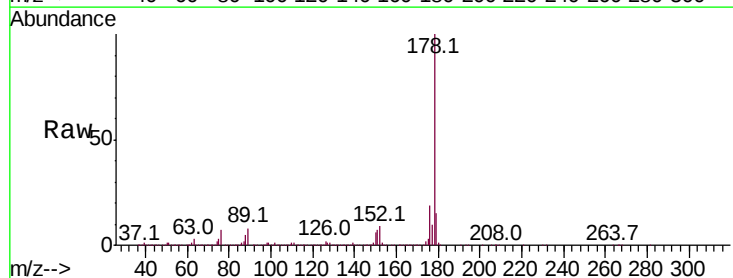
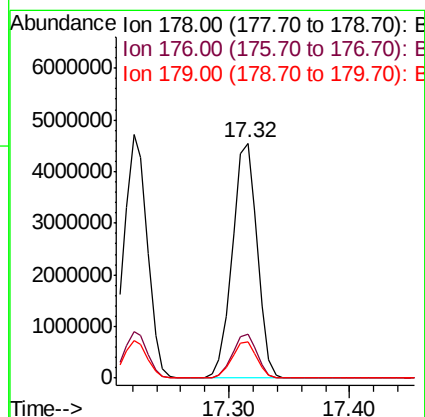
Manual Integrations
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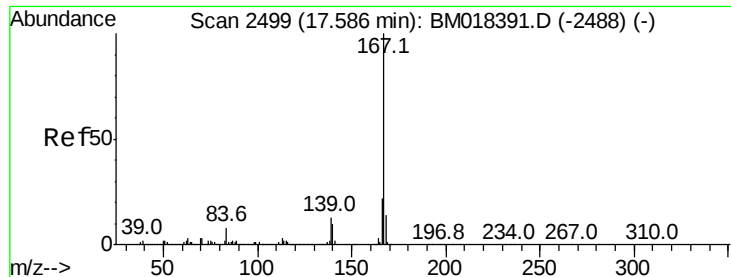
Sohil
12/28/2018 3:59:30 PM



#72
Anthracene
Concen: 46.073 ng
RT: 17.32 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.5	12.2	18.4





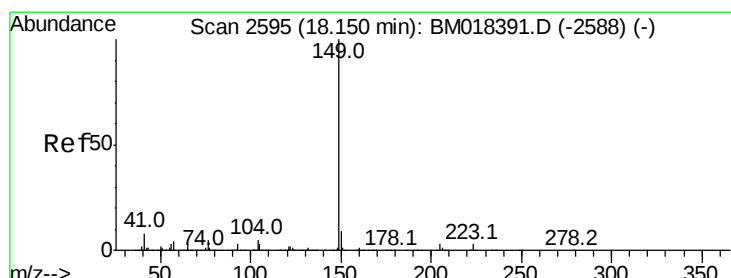
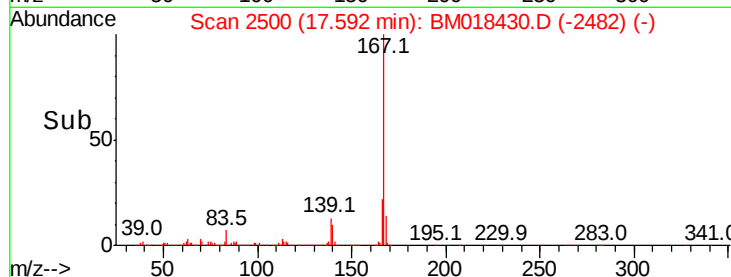
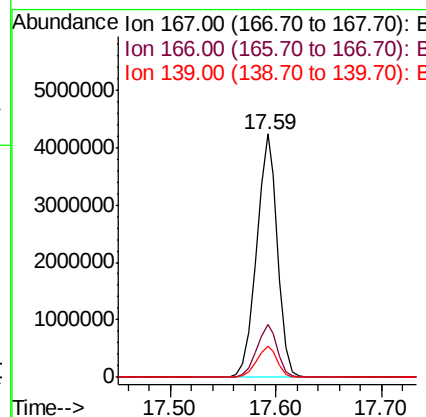
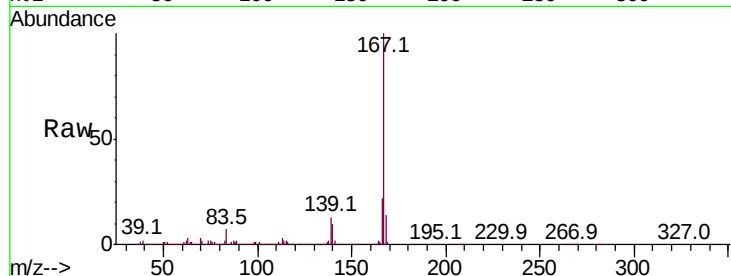
#73
 Carbazole
 Concen: 39.249 ng
 RT: 17.59 min Scan# 2500
 Delta R.T. 0.01 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

Instrument :
 BNA_M
 ClientSampleId :
 PB116023BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.2
139	13.0	10.6	16.0

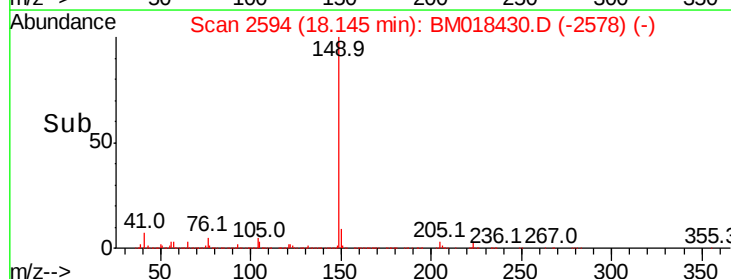
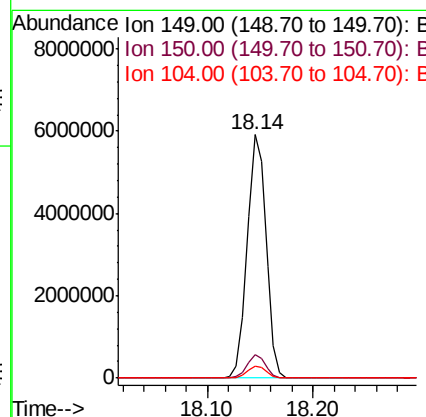
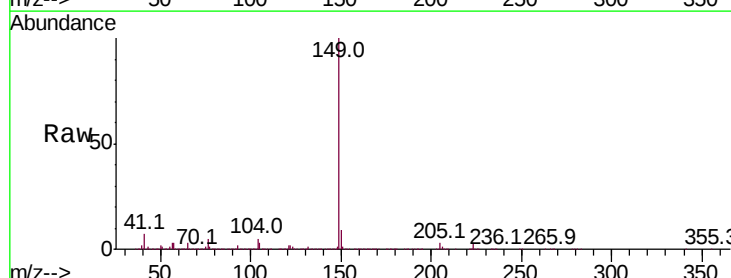
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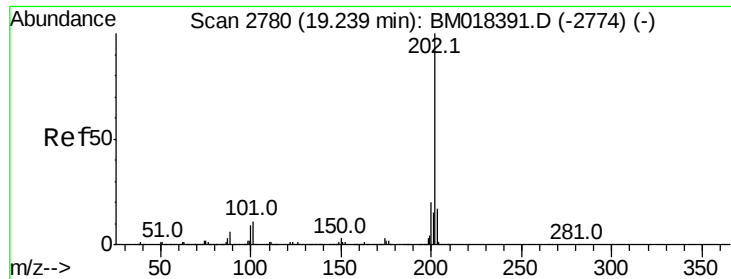
Sohil
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#74
 Di-n-butylphthalate
 Concen: 43.137 ng
 RT: 18.14 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 42.539 ng

RT: 19.24 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion:202 Resp: 7140260

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.9

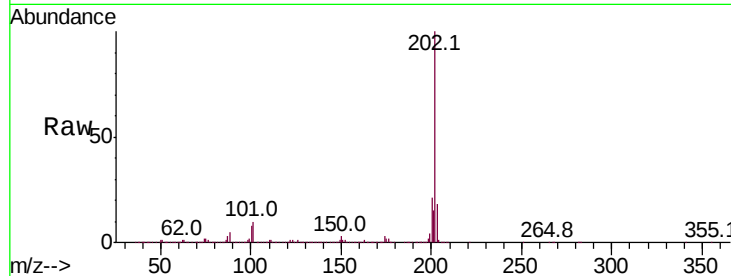
203 17.7 0.0 37.4

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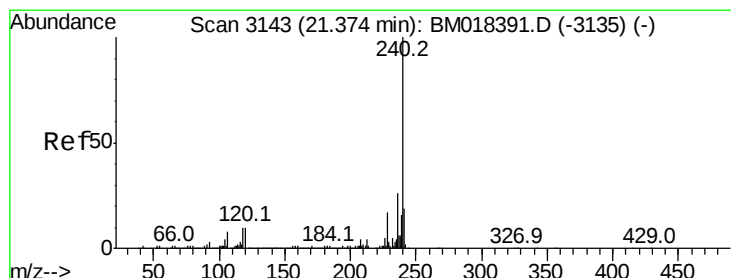
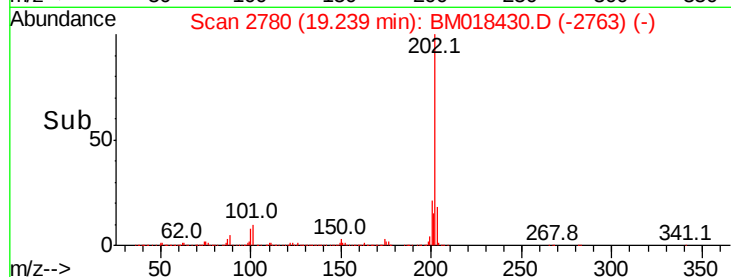
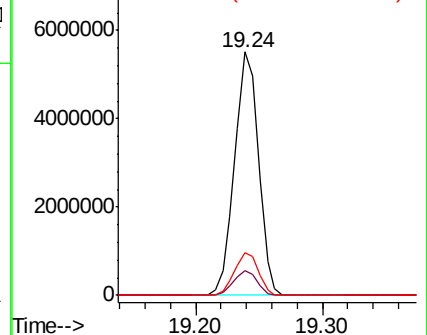
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Tgt Ion:240 Resp: 2502192

Ion Ratio Lower Upper

240 100

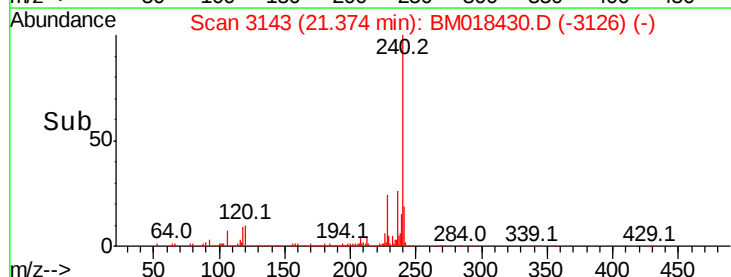
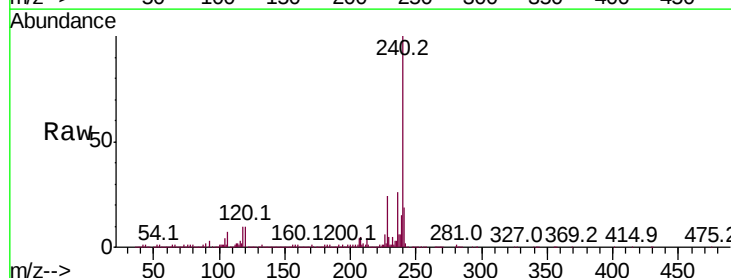
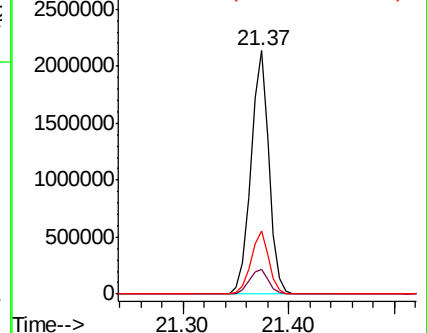
120 10.2 8.4 12.6

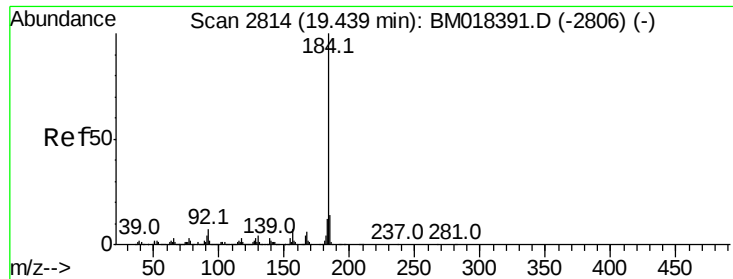
236 26.1 20.7 31.1

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.898 ng/mL

RT: 19.44 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion:184 Resp: 3711913

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.4	17.0
183	12.0	9.5	14.3

184 100

185 14.4 11.4 17.0

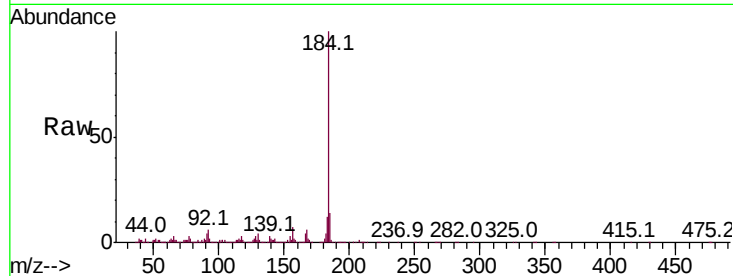
183 12.0 9.5 14.3

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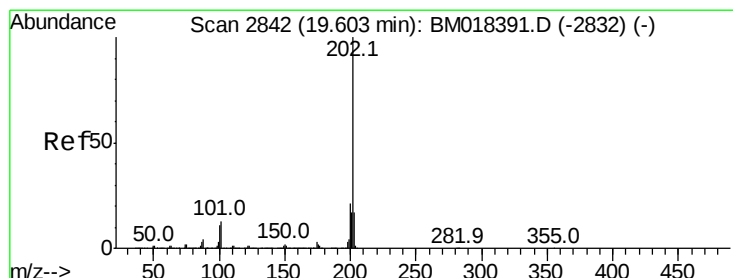
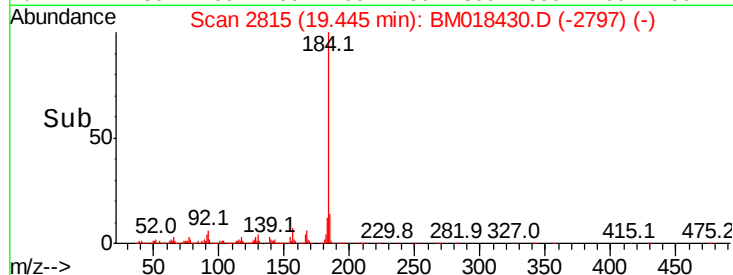
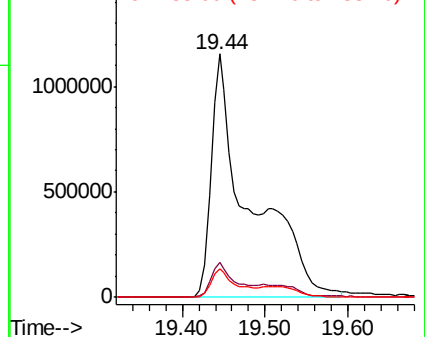


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.498 ng/mL

RT: 19.60 min Scan# 2842

Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

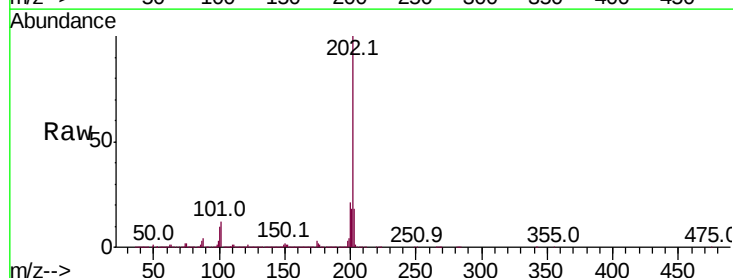
Tgt Ion:202 Resp: 7189071

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	17.8	13.8	20.8

202 100

200 21.1 16.6 24.8

203 17.8 13.8 20.8

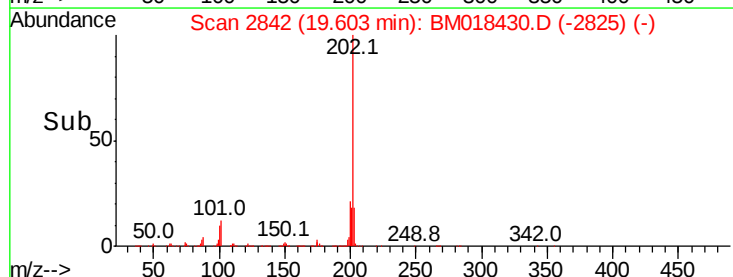
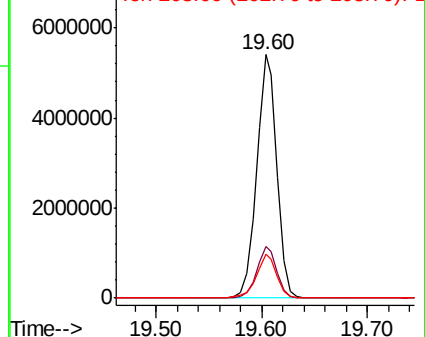


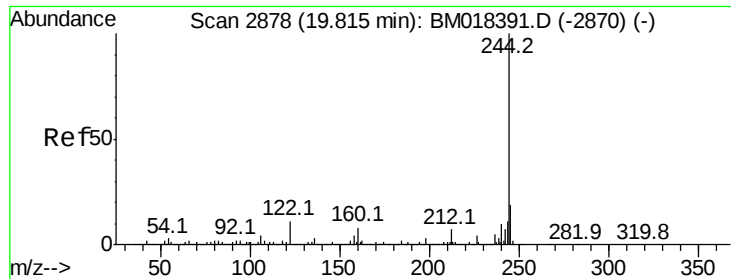
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





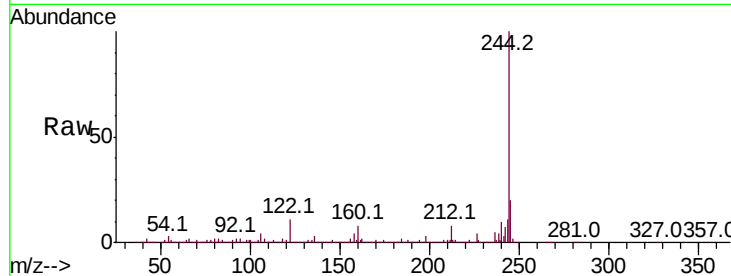
#79
 Terphenyl-d14
 Concen: 76.906 ng
 RT: 19.81 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

Instrument :
 BNA_M
 ClientSampleId :
 PB116023BS

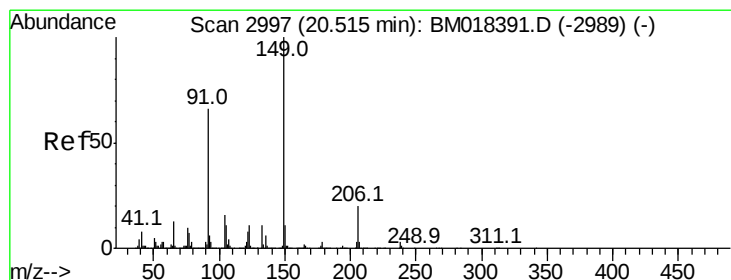
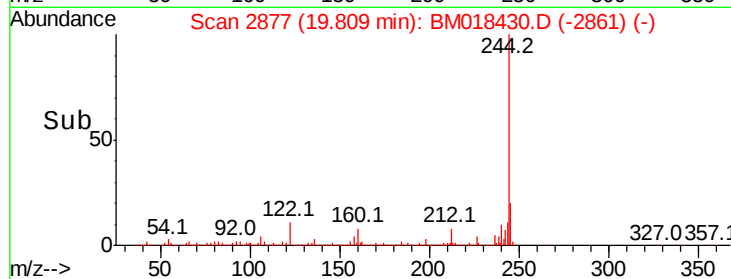
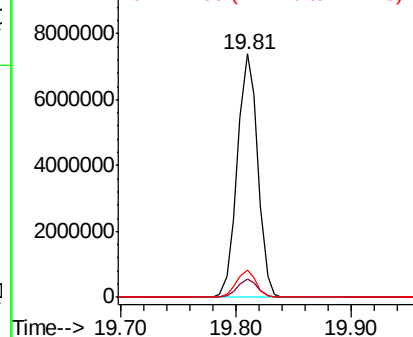
Tot Ion:244 Resp: 9030688
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 11.0 9.0 13.4

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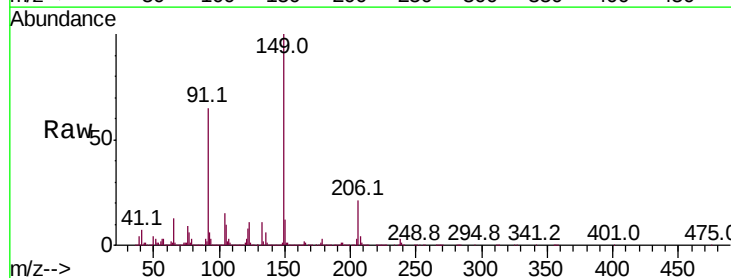


Abundance Ion 244.00 (243.70 to 244.70): E
 1e+07 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

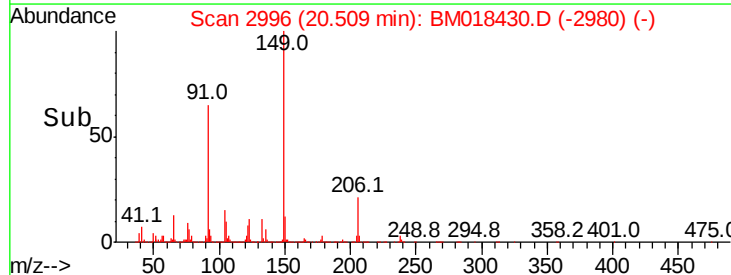
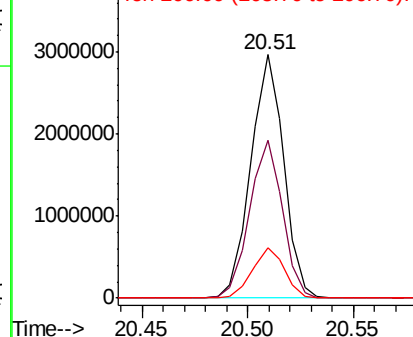


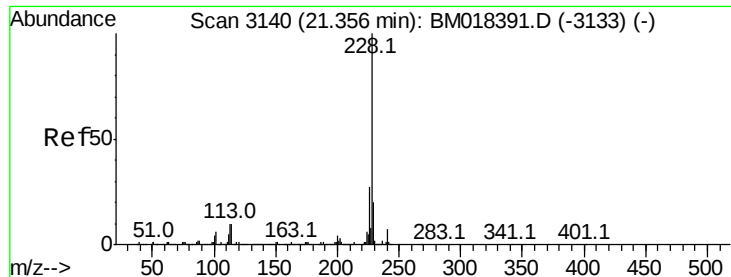
#80
 Butylbenzylphthalate
 Concen: 48.552 ng
 RT: 20.51 min Scan# 2996
 Delta R.T. -0.01 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

Tgt Ion:149 Resp: 3203622
 Ion Ratio Lower Upper
 149 100
 91 64.6 53.1 79.7
 206 20.7 16.2 24.4



Abundance Ion 149.00 (148.70 to 149.70): E
 4000000 Ion 91.00 (90.70 to 91.70): BM
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.507 ng

RT: 21.36 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion:228 Resp: 6834978

Ion Ratio Lower Upper

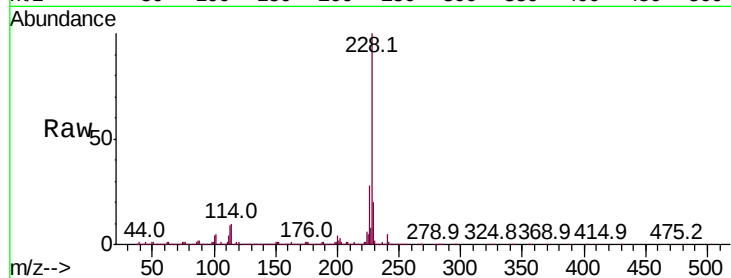
228 100

226 27.5 21.8 32.6

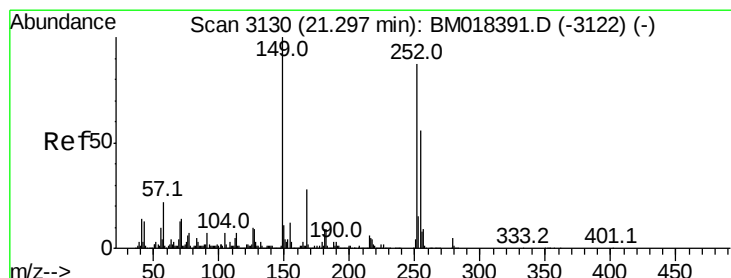
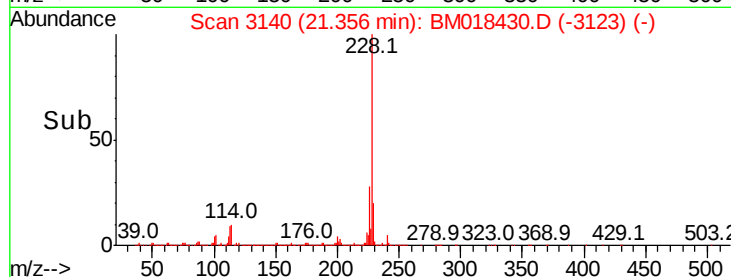
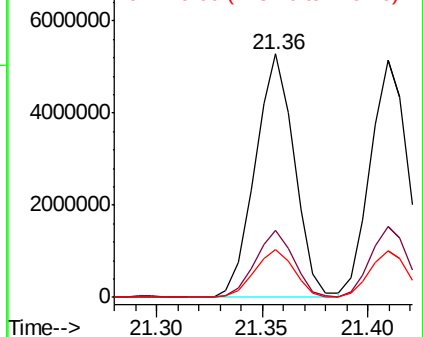
229 19.9 15.8 23.8

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



#82

3,3'-Dichlorobenzidine

Concen: 39.936 ng

RT: 21.30 min Scan# 3130

Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

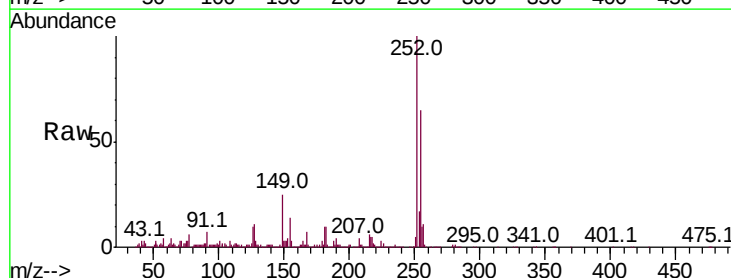
Tgt Ion:252 Resp: 2254893

Ion Ratio Lower Upper

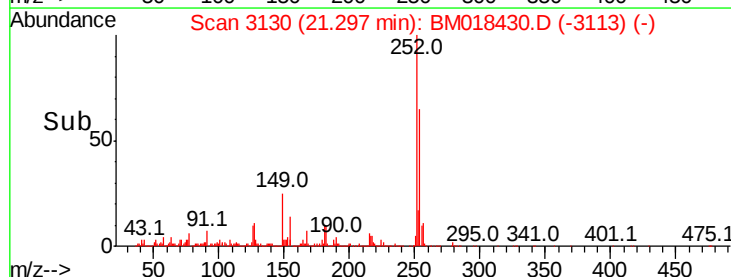
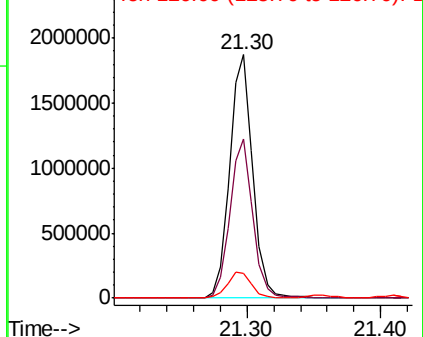
252 100

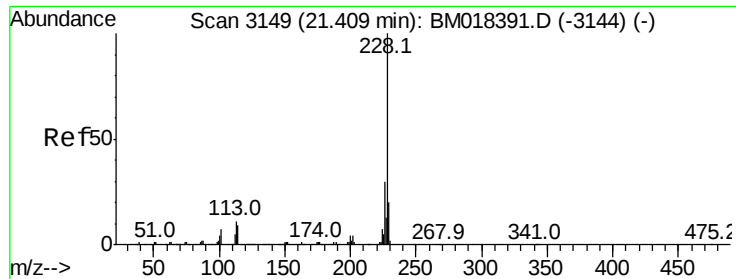
254 65.3 51.4 77.0

126 10.4 8.7 13.1



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





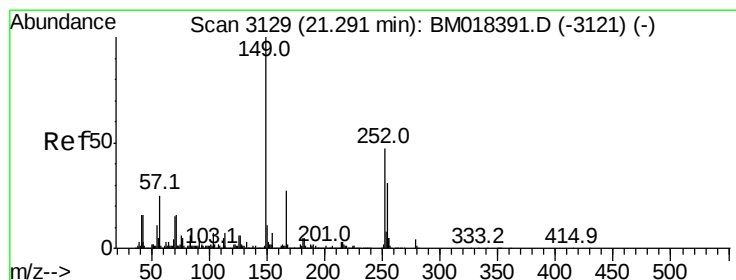
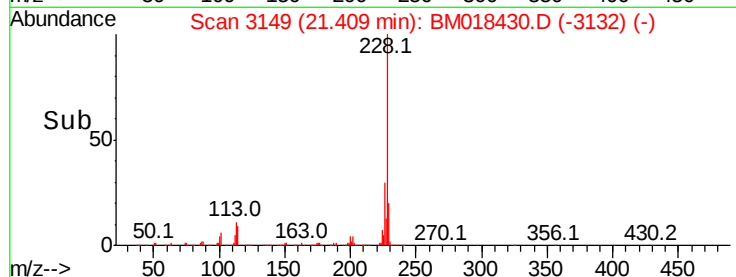
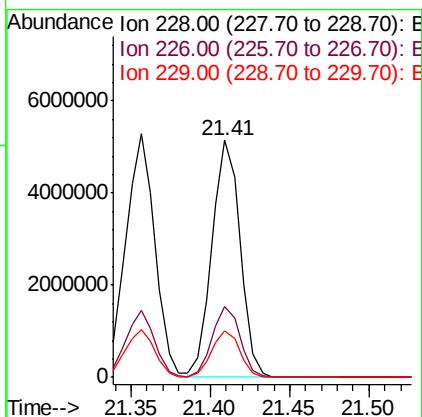
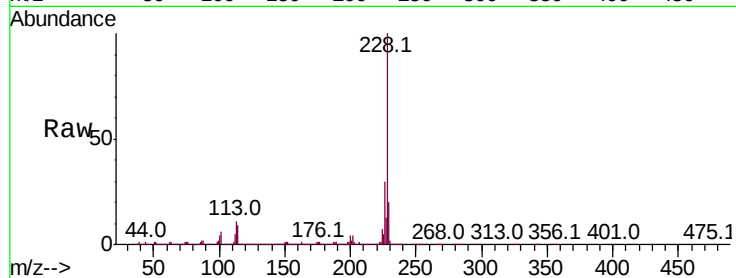
#83
Chrysene
Concen: 44.690 ng
RT: 21.41 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion:228 Resp: 6336407
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.6 15.6 23.4

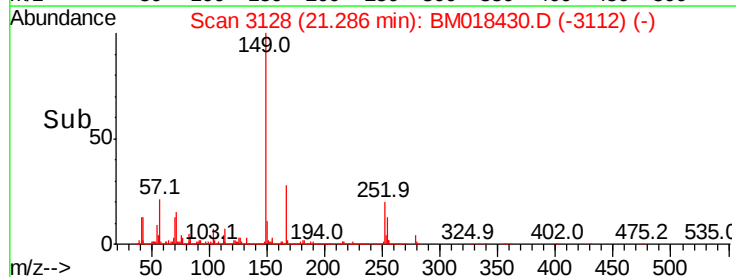
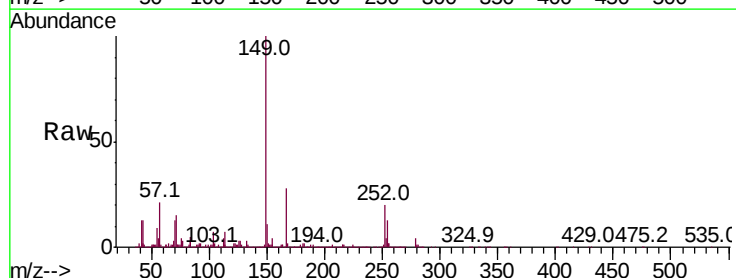
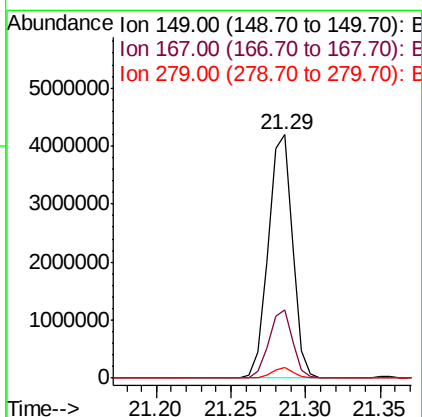
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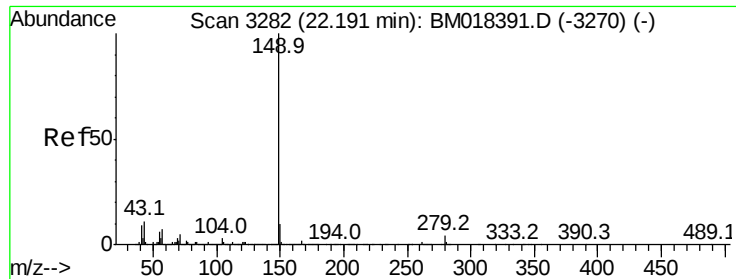
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.978 ng
RT: 21.29 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion:149 Resp: 4697518
Ion Ratio Lower Upper
149 100
167 27.9 21.6 32.4
279 4.5 3.3 4.9





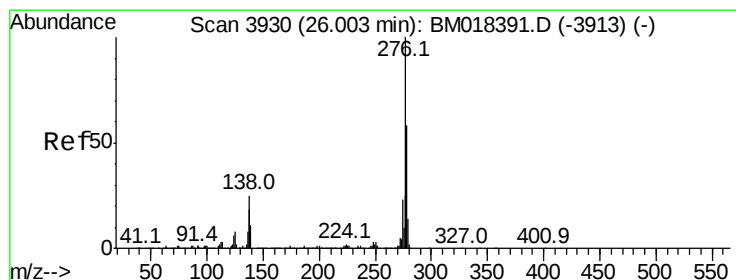
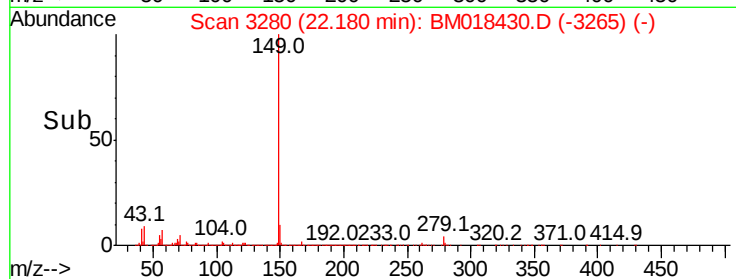
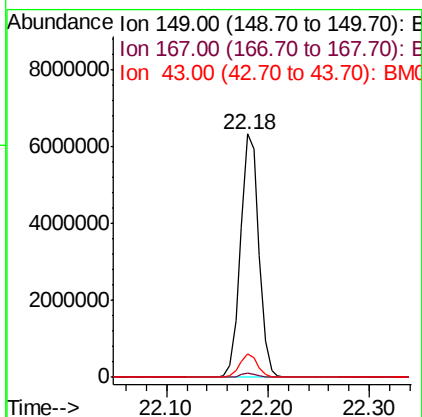
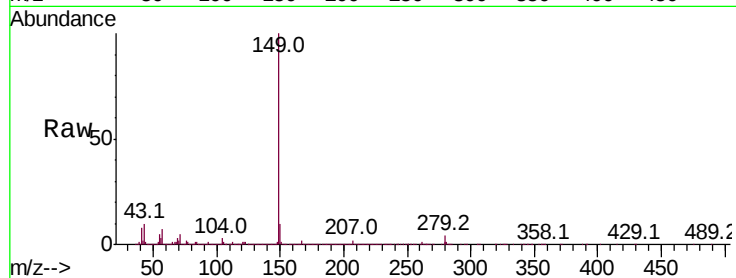
#85
Di-n-octyl phthalate
Concen: 48.921 ng
RT: 22.18 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	8.6	12.8

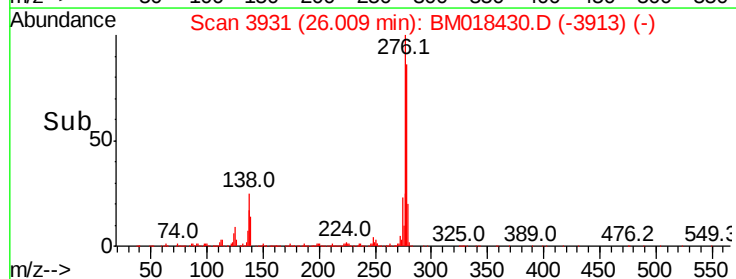
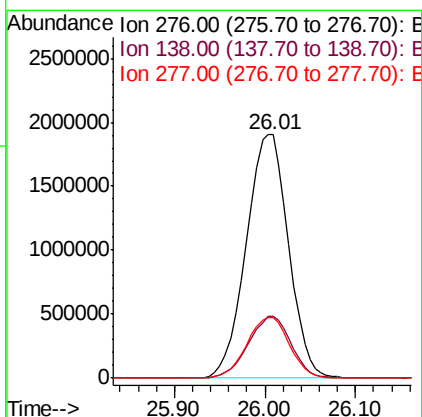
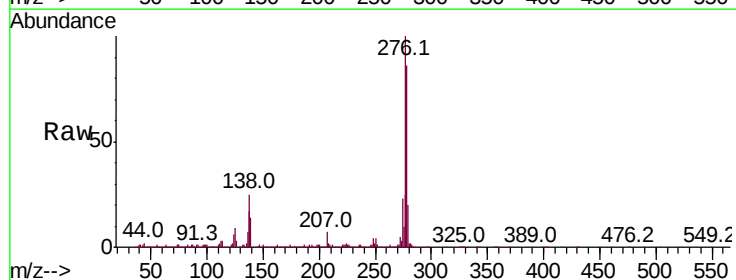
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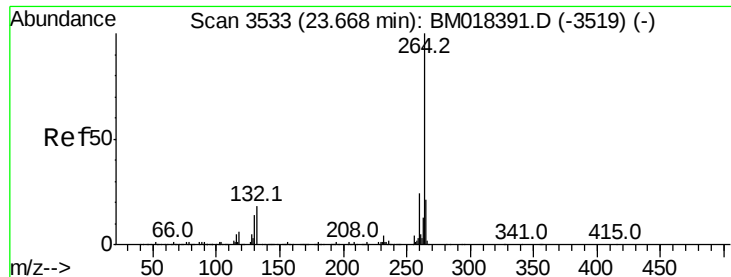
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.144 ng
RT: 26.01 min Scan# 3931
Delta R.T. 0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	21.5	32.3
277	25.3	20.2	30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :

BNA_M

ClientSampled :

PB116023BS

Tot Ion:264 Resp: 2033892

Ion Ratio Lower Upper

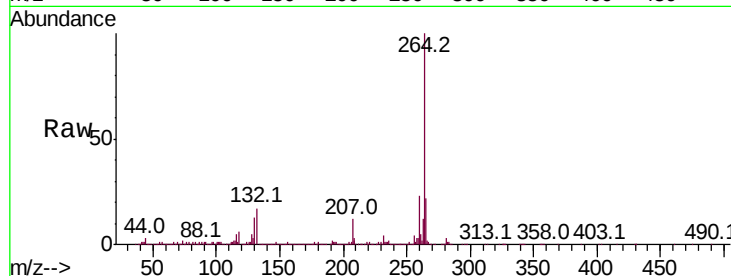
264 100

260 23.5 18.9 28.3

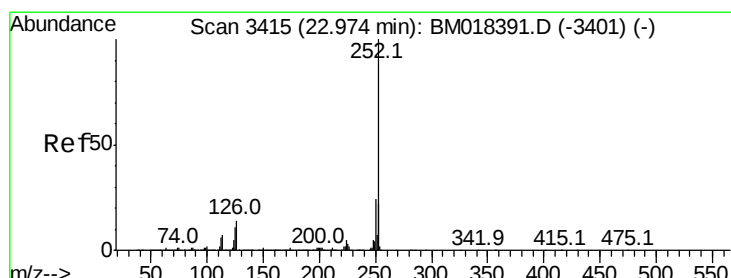
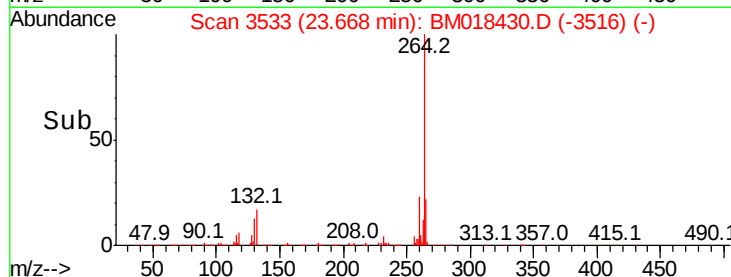
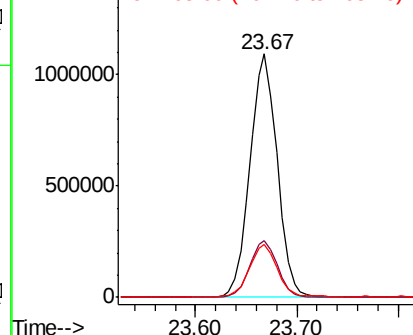
265 21.9 16.8 25.2

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Abundance Ion 264.00 (263.70 to 264.70): E
1500000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 54.796 ng

RT: 22.97 min Scan# 3415

Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

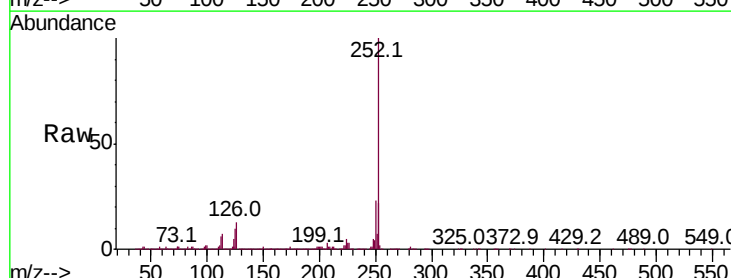
Tgt Ion:252 Resp: 6216252

Ion Ratio Lower Upper

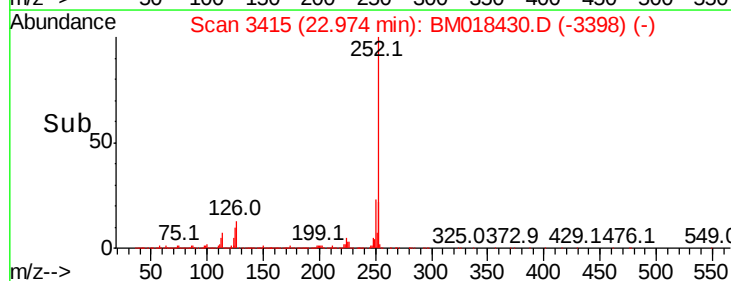
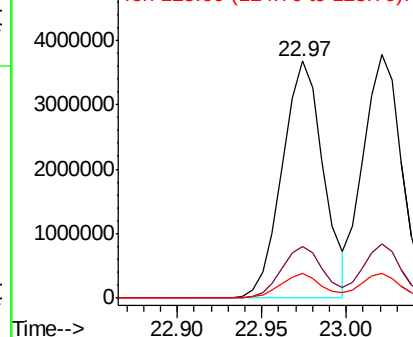
252 100

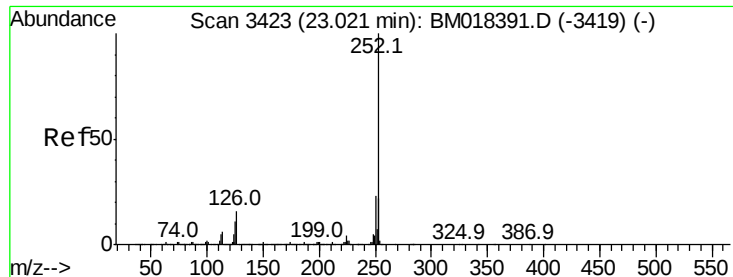
253 21.7 17.6 26.4

125 10.2 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E
5000000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





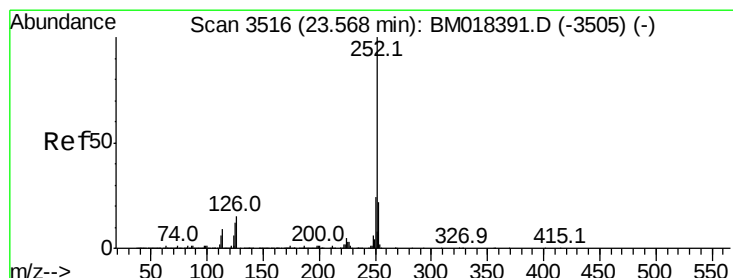
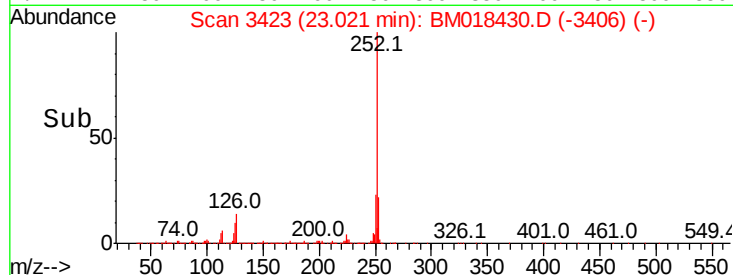
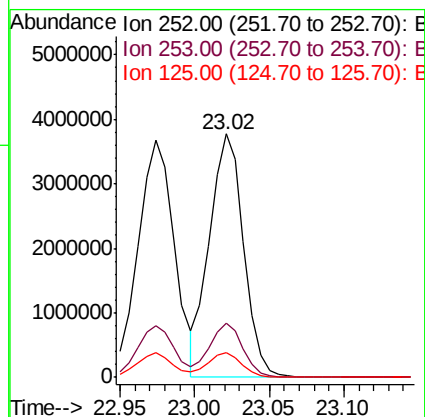
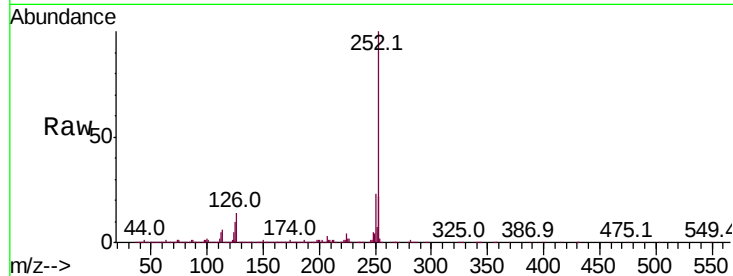
#89
Benzo(k)fluoranthene
Concen: 52.888 ng
RT: 23.02 min Scan# 3423
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion:252 Resp: 6000860
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.0 8.6 12.8

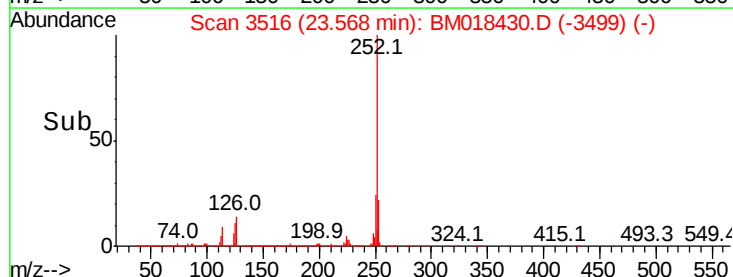
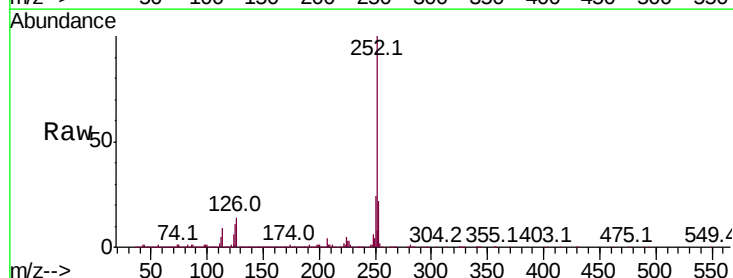
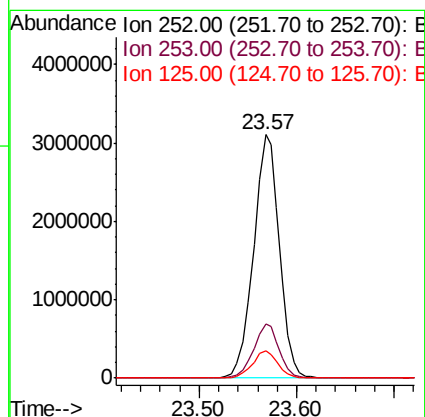
Manual Integrations
APPROVED

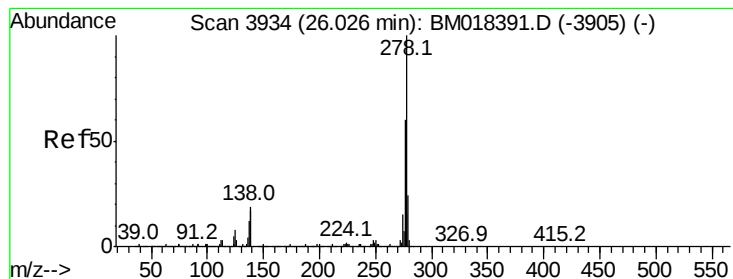
Sohil
12/28/2018 3:59:30 PM



#90
Benzo(a)pyrene
Concen: 52.823 ng
RT: 23.57 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion:252 Resp: 5756497
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.2 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 46.076 ng

RT: 26.02 min Scan# 3933

Delta R.T. -0.01 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :

BNA_M

ClientSampleID :

PB116023BS

Tot Ion:278 Resp: 5229113

Ion Ratio Lower Upper

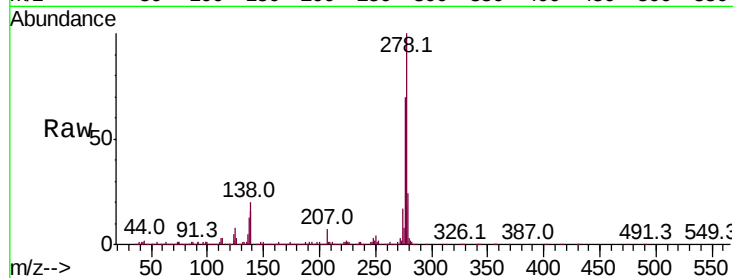
278 100

139 16.2 13.2 19.8

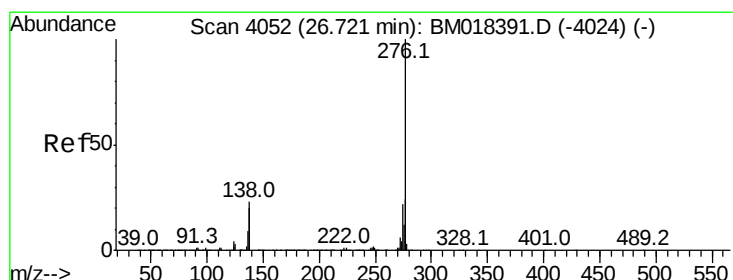
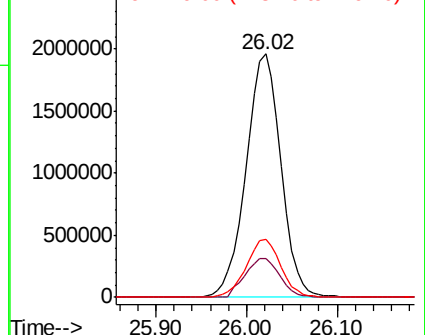
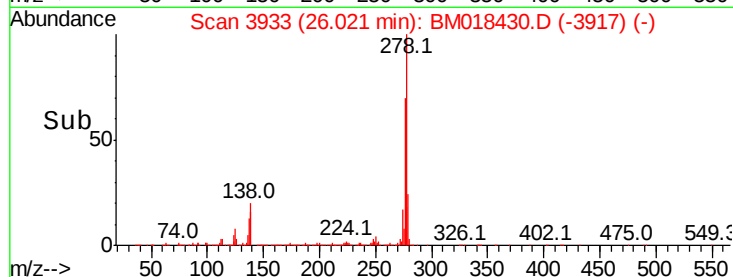
279 23.6 19.0 28.4

Manual Integrations
APPROVED

Sohil
12/28/2018 3:59:30 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.445 ng

RT: 26.72 min Scan# 4052

Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

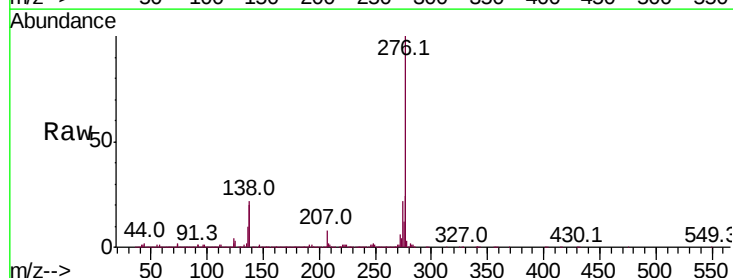
Tgt Ion:276 Resp: 5046986

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 21.9 18.1 27.1



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

