

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

Quant Time: Dec 28 13:30:37 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
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
34) Hexachlorobutadiene	10.90	225	1015776	42.662	ng	98
35) Caprolactam	11.57	113	331513	28.023	ng	94
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
41) Hexachlorocyclopentadiene	12.58	237	1741349	89.554	ng	100
43) 2,4,6-Trichlorophenol	12.86	196	1244386	54.628	ng	99

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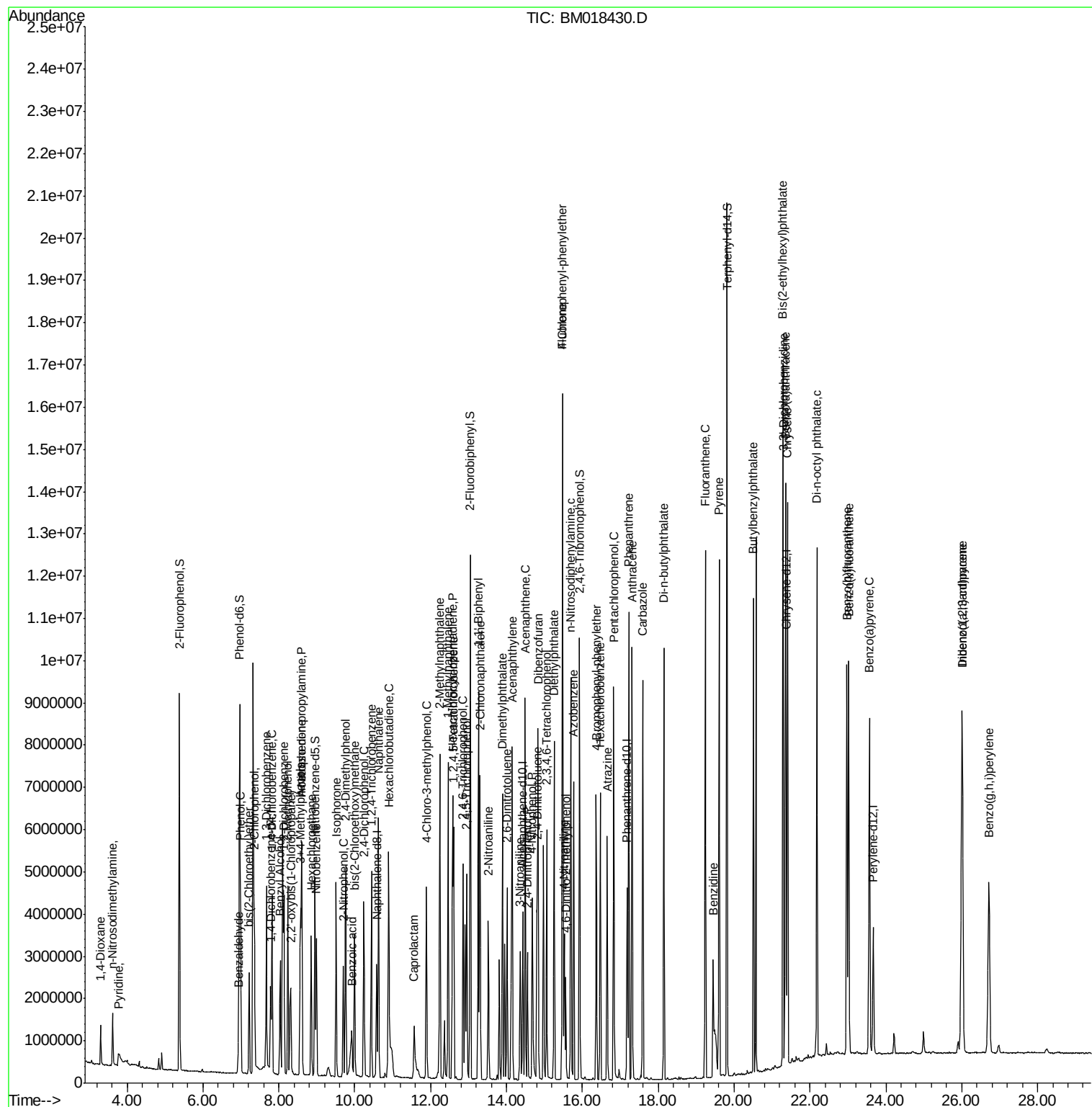
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.95	196	1293659	51.969	ng	98
46) 1,1'-Biphenyl	13.26	154	4617903	42.186	ng	99
47) 2-Chloronaphthalene	13.30	162	3586814	42.782	ng	99
48) 2-Nitroaniline	13.52	65	950300	42.241	ng	93
49) Acenaphthylene	14.15	152	5746547	44.521	ng	99
50) Dimethylphthalate	13.90	163	4432152	41.414	ng	100
51) 2,6-Dinitrotoluene	14.02	165	972326	43.290	ng	95
52) Acenaphthene	14.50	154	3300041	42.366	ng	99
53) 3-Nitroaniline	14.37	138	930718	37.260	ng	94
54) 2,4-Dinitrophenol	14.56	184	635555	75.558	ng	# 89
55) Dibenzofuran	14.83	168	5300631	41.589	ng	99
56) 4-Nitrophenol	14.68	139	1398011	66.013	ng	98
57) 2,4-Dinitrotoluene	14.80	165	1325391	43.613	ng	98
58) Fluorene	15.48	166	4240858	42.719	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.06	232	1090029	47.416	ng	97
60) Diethylphthalate	15.26	149	4456925	39.817	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	2151881	39.454	ng	99
62) 4-Nitroaniline	15.52	138	903325	33.975	ng	96
63) Azobenzene	15.77	77	3729969	36.560	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	512436	45.879	ng	86
66) n-Nitrosodiphenylamine	15.70	169	3689808	44.217	ng	99
67) 4-Bromophenyl-phenylether	16.37	248	1295033	44.416	ng	95
68) Hexachlorobenzene	16.47	284	1395923	42.265	ng	98
69) Atrazine	16.66	200	1168355	37.770	ng	97
70) Pentachlorophenol	16.83	266	1520105	78.931	ng	99
71) Phenanthrene	17.22	178	6386908	45.063	ng	100
72) Anthracene	17.32	178	6505191	46.073	ng	100
73) Carbazole	17.59	167	5819948	39.249	ng	100
74) Di-n-butylphthalate	18.14	149	7270053	43.137	ng	99
75) Fluoranthene	19.24	202	7140260	42.539	ng	99
77) Benzidine	19.44	184	2459265	34.384	ng	100
78) Pyrene	19.60	202	7189071	49.498	ng	99
80) Butylbenzylphthalate	20.51	149	3203622	48.552	ng	98
81) Benzo(a)anthracene	21.36	228	6834978	46.507	ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	2254893	39.936	ng	99
83) Chrysene	21.41	228	6336407	44.690	ng	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	4697518	47.978	ng	98
85) Di-n-octyl phthalate	22.18	149	7917362	48.921	ng	96
86) Indeno(1,2,3-cd)pyrene	26.01	276	6168051	35.144	ng	99
88) Benzo(b)fluoranthene	22.97	252	6216252	54.796	ng	99
89) Benzo(k)fluoranthene	23.02	252	6000860	52.888	ng	99
90) Benzo(a)pyrene	23.57	252	5756497	52.823	ng	99
91) Dibenzo(a,h)anthracene	26.02	278	5229113	46.076	ng	100
92) Benzo(g,h,i)perylene	26.72	276	5046986	46.445	ng	99

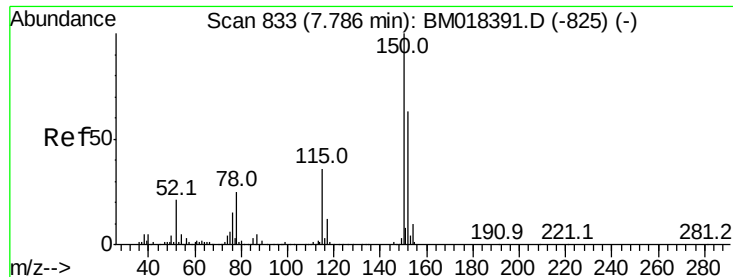
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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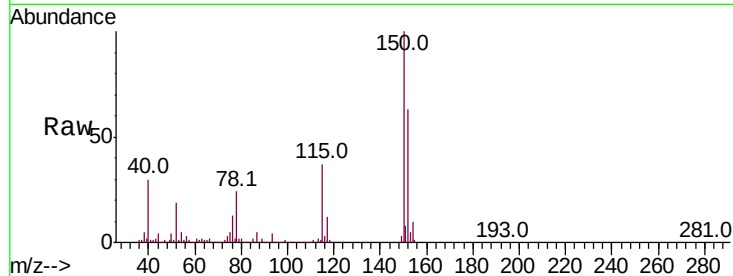


#1

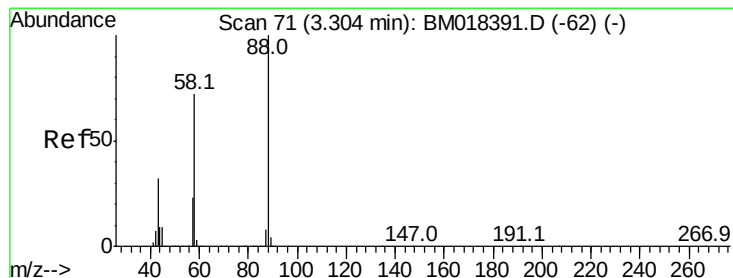
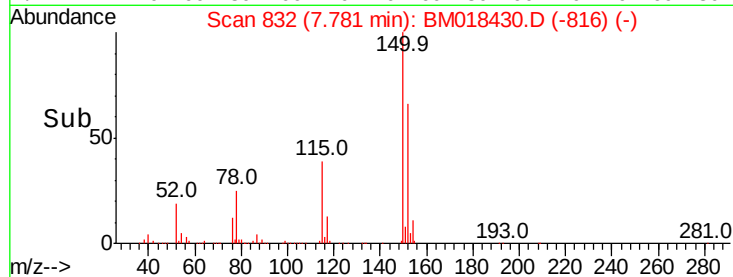
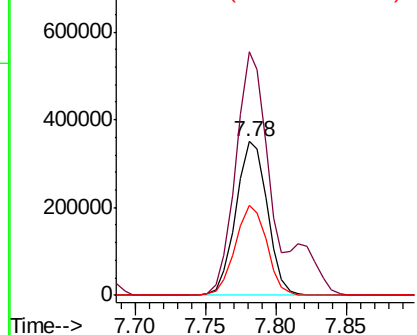
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

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



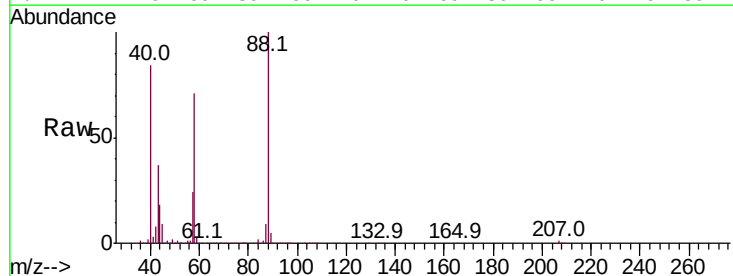
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



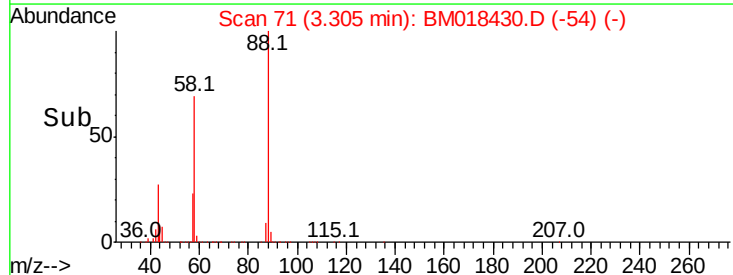
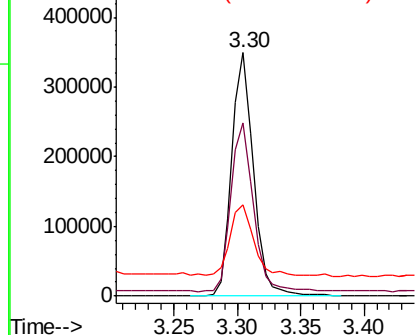
#2

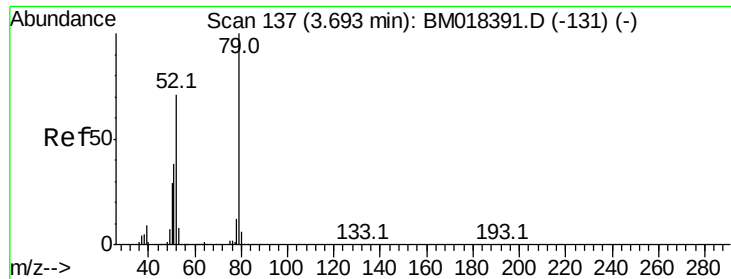
1,4-Dioxane
Concen: 34.817 ng
RT: 3.30 min Scan# 71
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

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



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 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

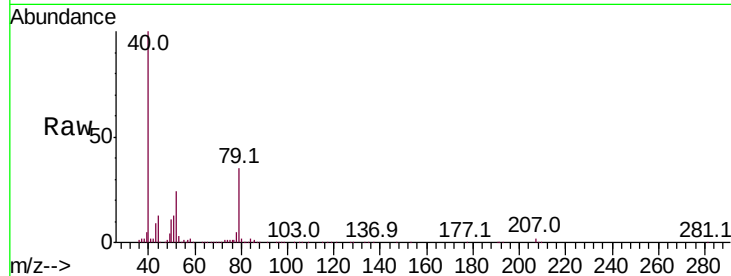
Tot Ion: 79 Resp: 577207

Ion Ratio Lower Upper

79 100

52 66.8 56.4 84.6

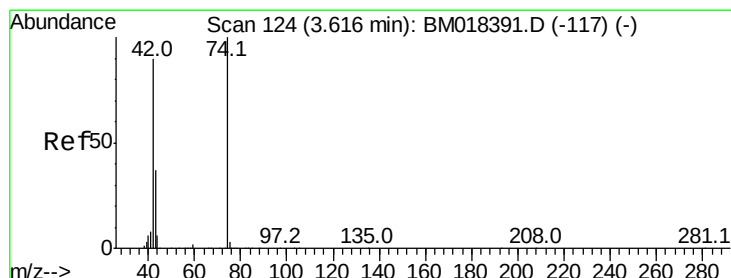
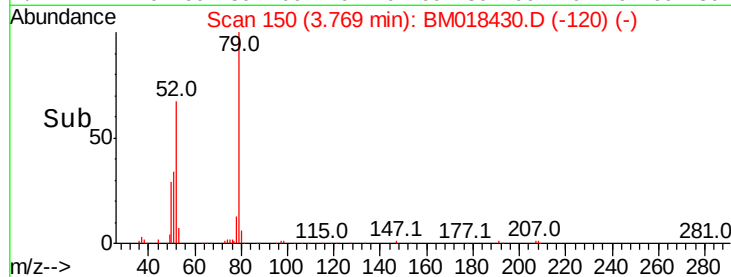
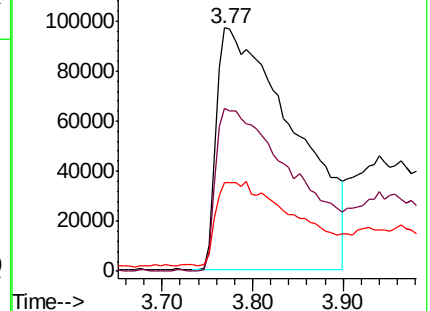
51 36.6 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018430.D (-120) (-)

Ion 52.00 (51.70 to 52.70): BM018430.D (-120) (-)

Ion 51.00 (50.70 to 51.70): BM018430.D (-120) (-)



#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

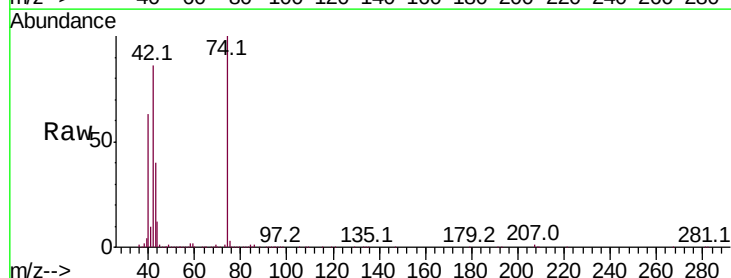
Tgt Ion: 42 Resp: 605735

Ion Ratio Lower Upper

42 100

74 115.6 88.6 132.8

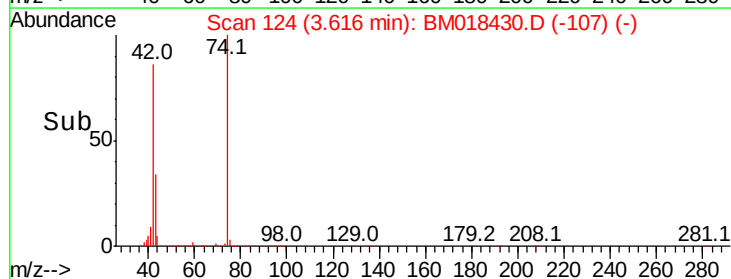
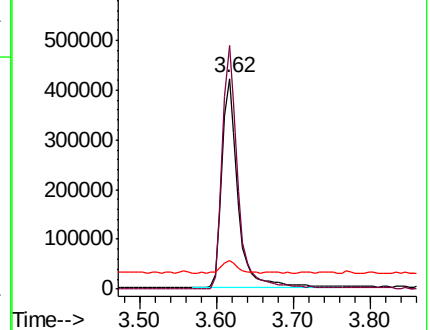
44 13.8 16.9 25.3#

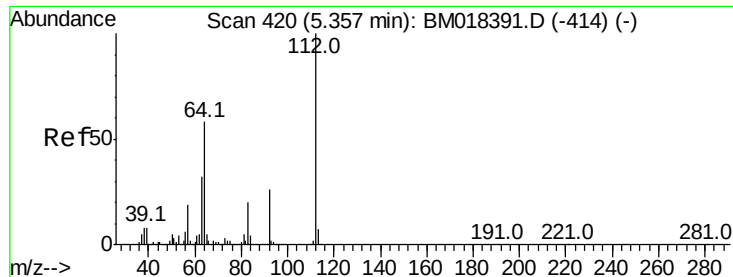


Abundance Ion 42.00 (41.70 to 42.70): BM018430.D (-107) (-)

Ion 74.00 (73.70 to 74.70): BM018430.D (-107) (-)

Ion 44.00 (43.70 to 44.70): BM018430.D (-107) (-)





#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

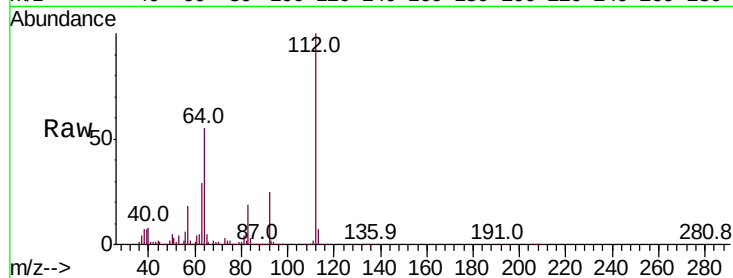
Tot Ion:112 Resp: 3882338

Ion Ratio Lower Upper

112 100

64 55.3 46.5 69.7

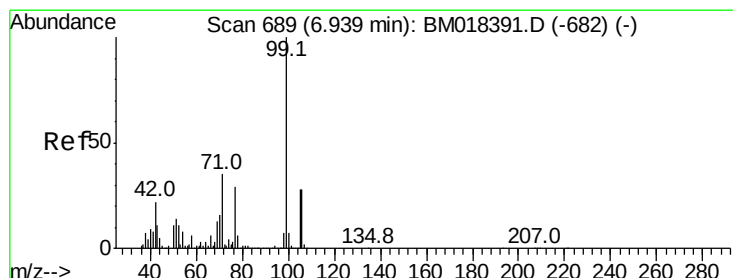
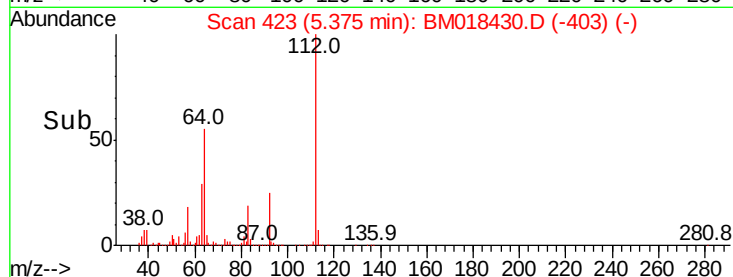
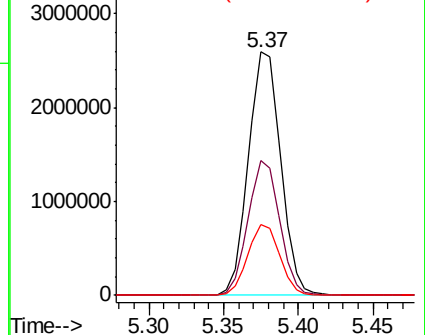
63 28.9 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#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

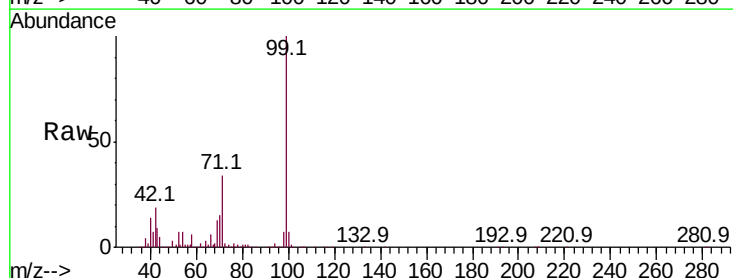
Tgt Ion: 99 Resp: 4938320

Ion Ratio Lower Upper

99 100

42 19.3 17.3 25.9

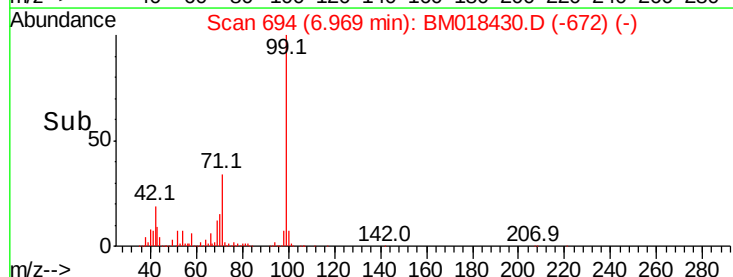
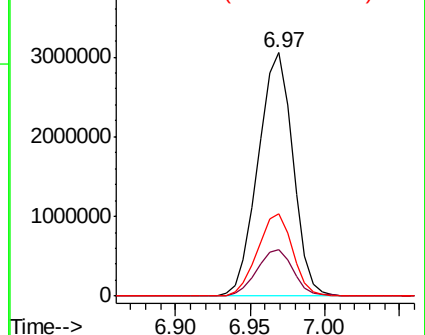
71 34.0 28.0 42.0

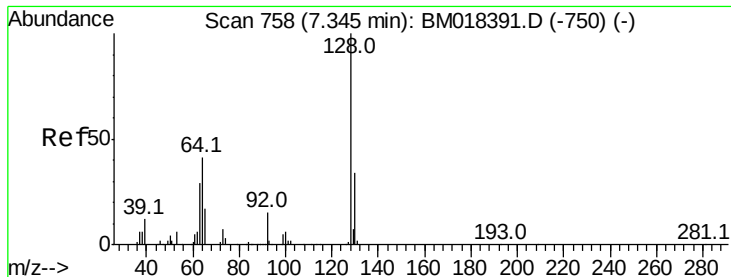


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#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

Instrument :

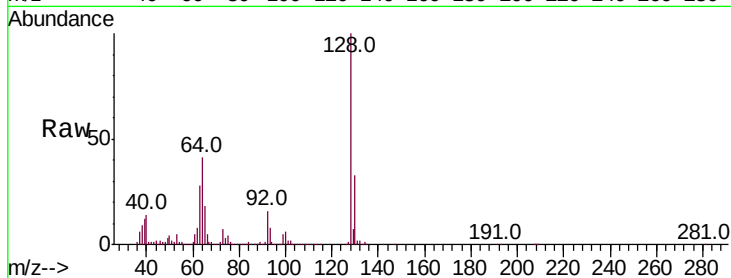
BNA_M

ClientSampleId :

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Tot Ion:128 Resp: 1716680

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.6	53.6
64	40.5	24.8	64.8

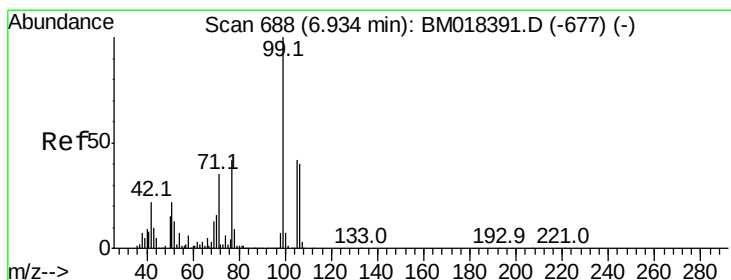
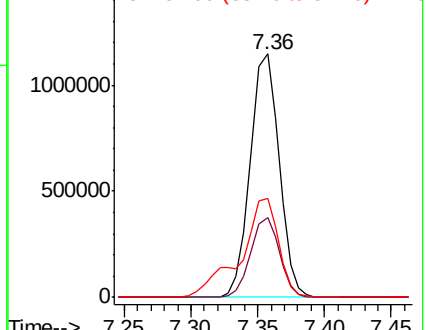
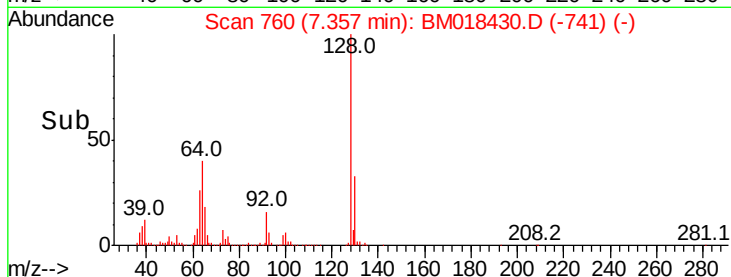


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: 8.756 ng

RT: 6.93 min Scan# 688

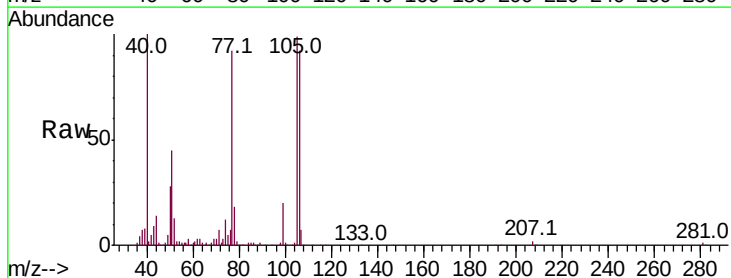
Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Tgt Ion: 77 Resp: 246782

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

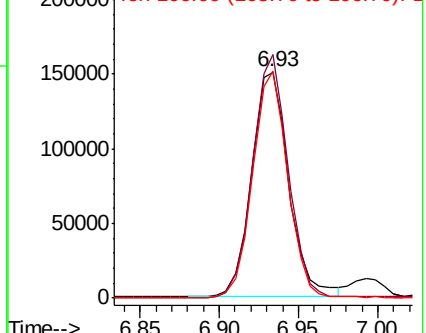
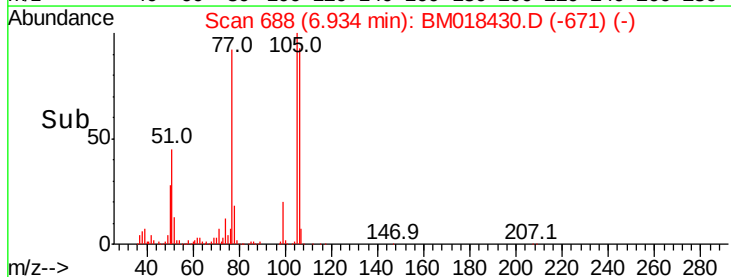


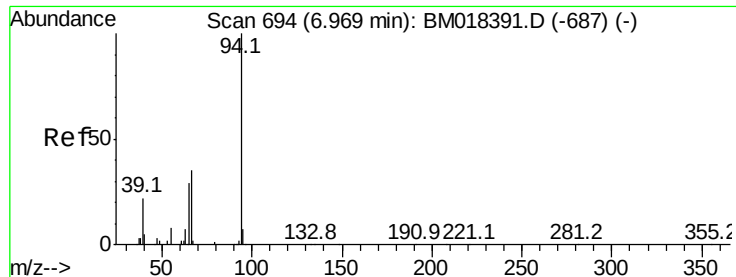
Abundance

Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 46.416 ng

RT: 6.99 min Scan# 698

Delta R.T. 0.02 min

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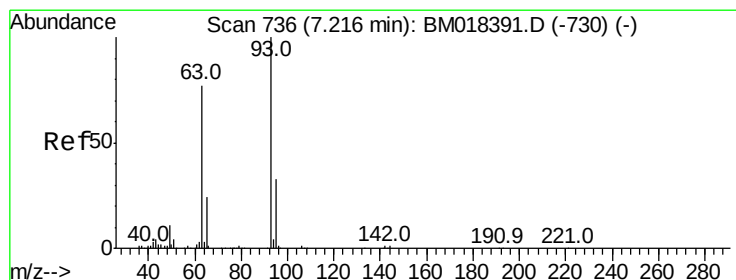
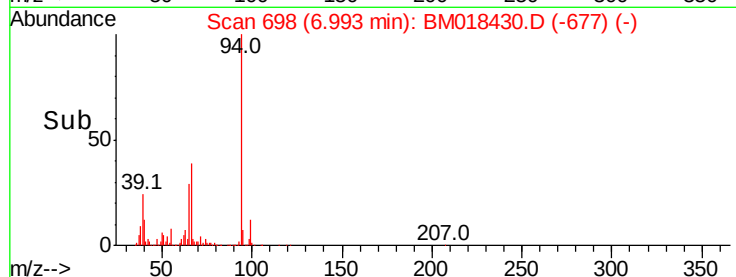
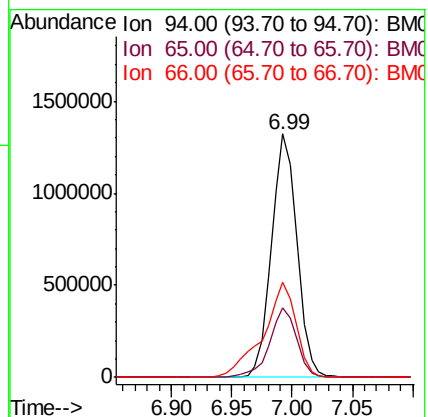
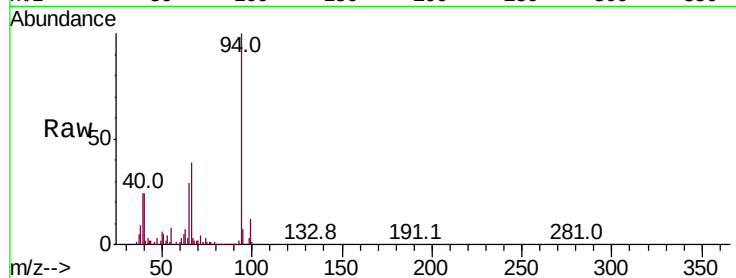
Tot Ion: 94 Resp: 1917104

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

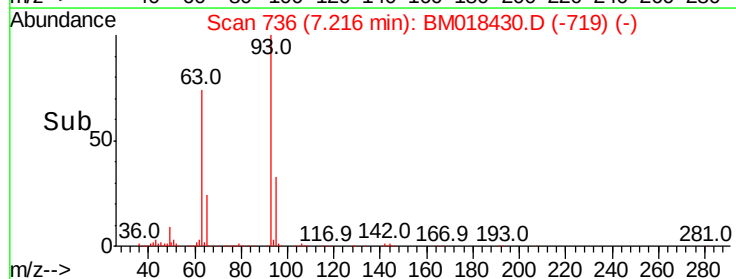
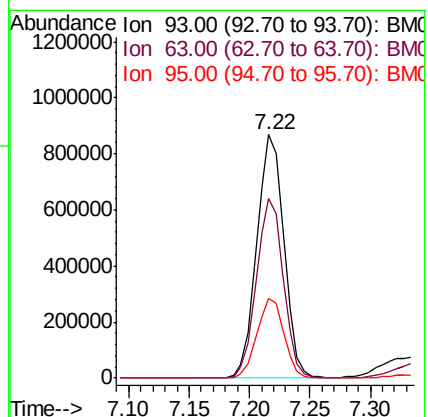
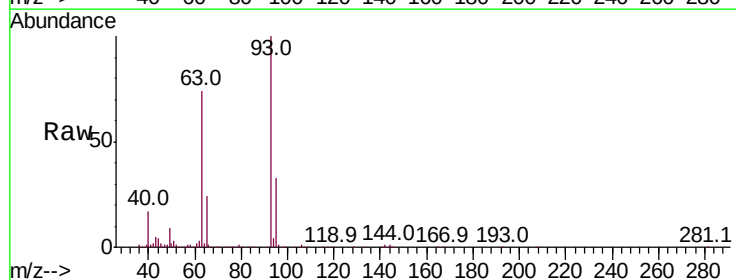
Tgt Ion: 93 Resp: 1371906

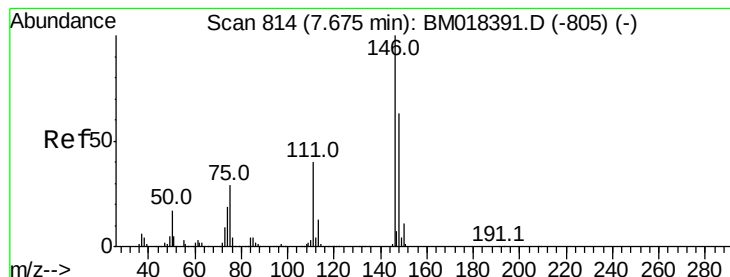
Ion Ratio Lower Upper

93 100

63 73.8 56.4 96.4

95 32.6 12.7 52.7





#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

Instrument :

BNA_M

ClientSampleId :

PB116023BS

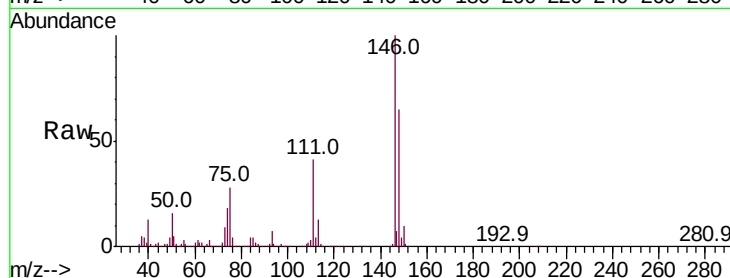
Tot Ion:146 Resp: 1708340

Ion Ratio Lower Upper

146 100

148 65.0 50.5 75.7

75 27.6 23.0 34.6

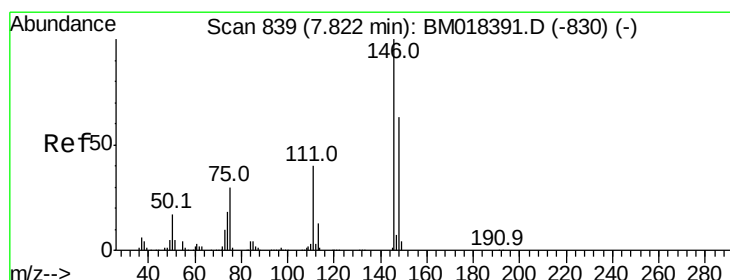
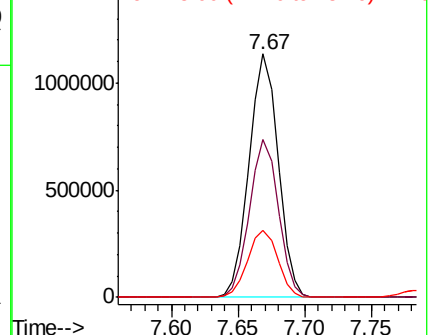
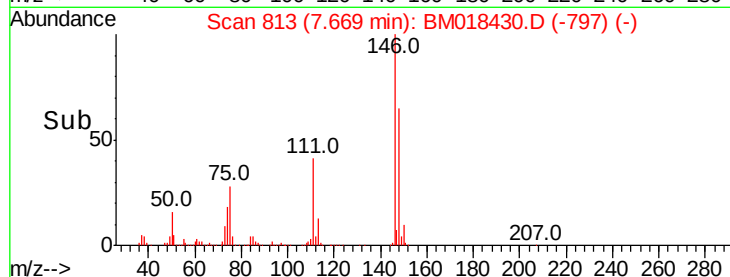


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BM



#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

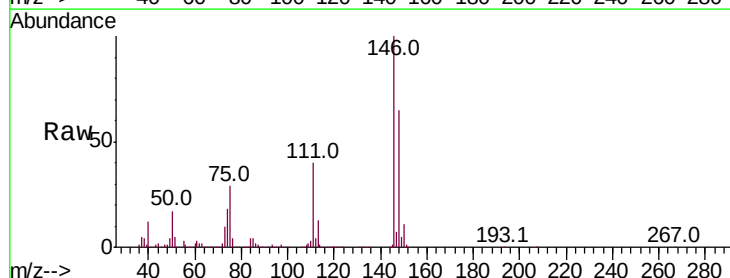
Tgt Ion:146 Resp: 1733372

Ion Ratio Lower Upper

146 100

148 64.7 50.8 76.2

111 40.5 32.2 48.2

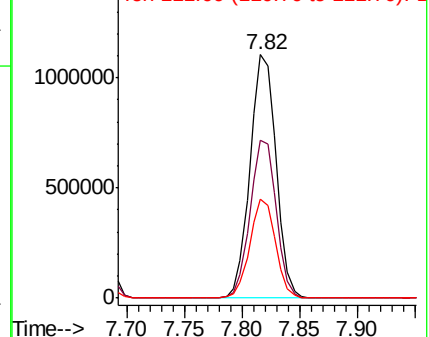
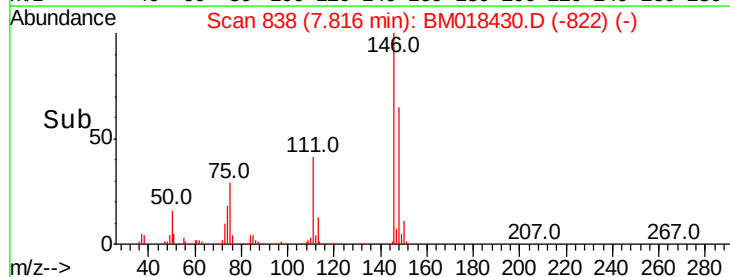


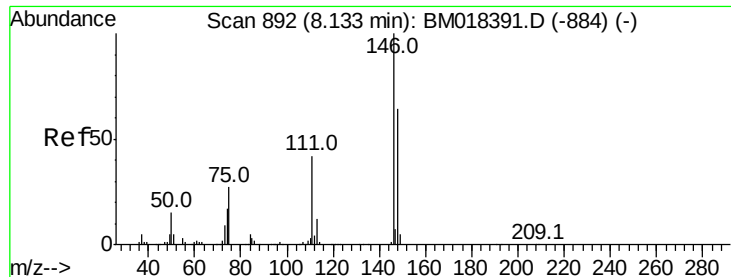
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

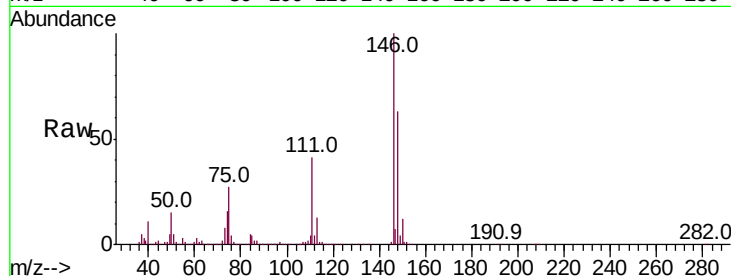




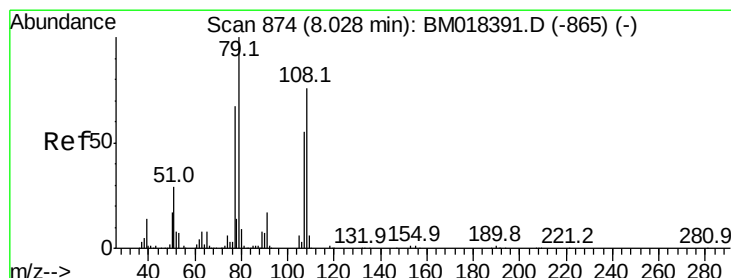
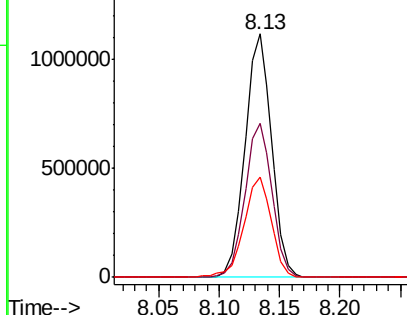
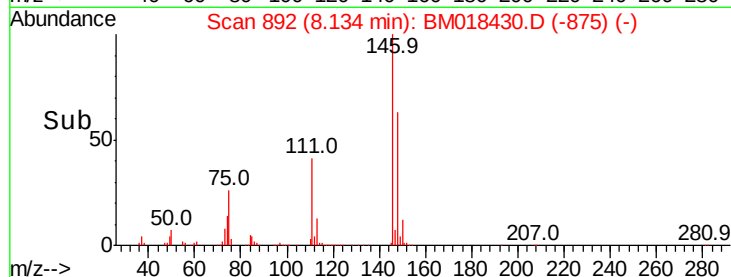
#14
1,2-Dichlorobenzene
Concen: 41.802 ng
RT: 8.13 min Scan# 892
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

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

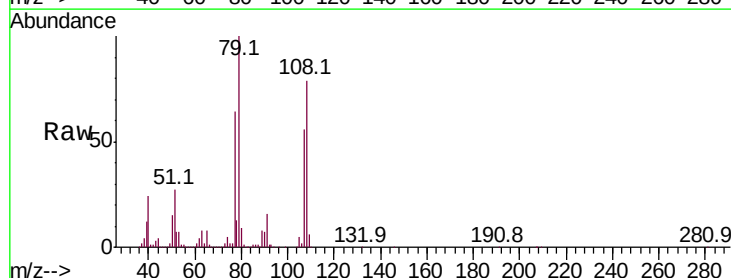


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

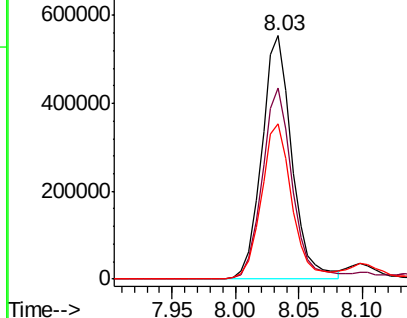
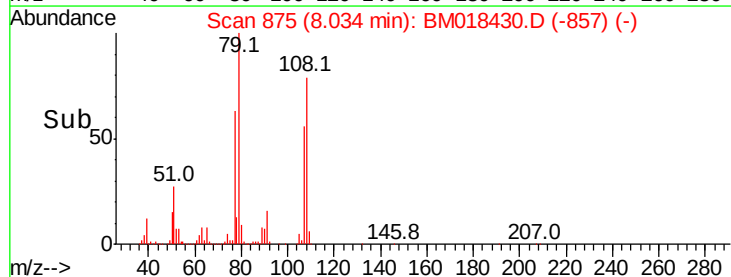


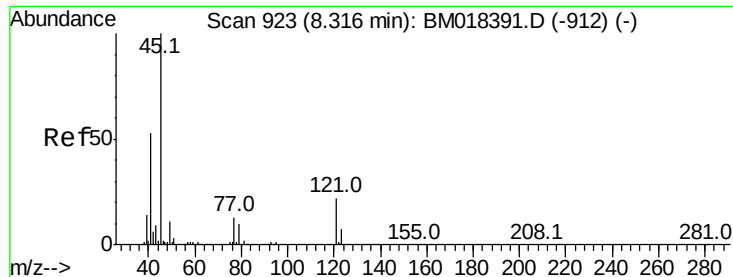
#15
Benzyl Alcohol
Concen: 29.444 ng
RT: 8.03 min Scan# 875
Delta R.T. 0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

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



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0

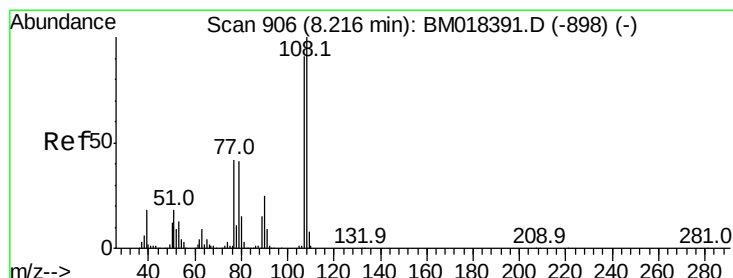
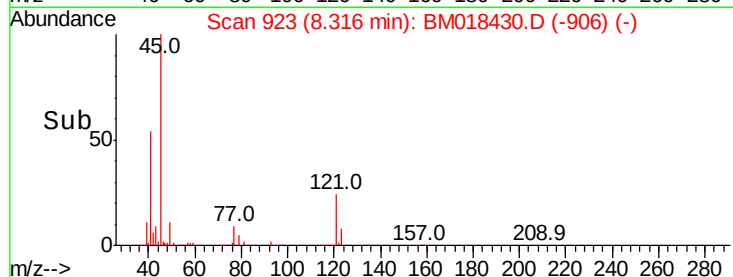
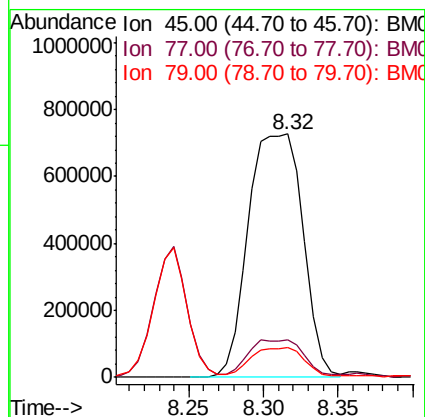
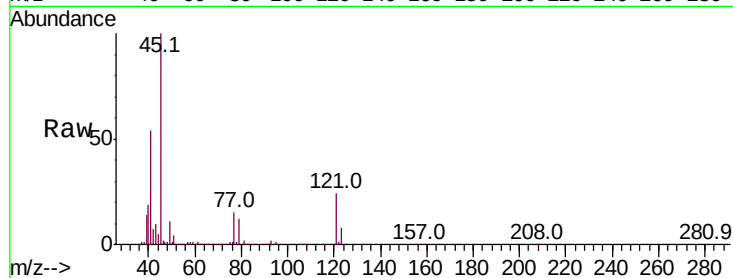




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 35.900 ng
RT: 8.32 min Scan# 923
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

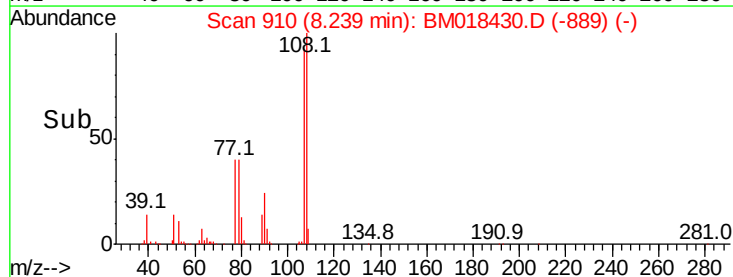
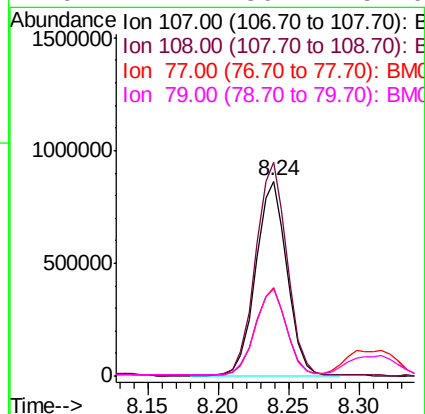
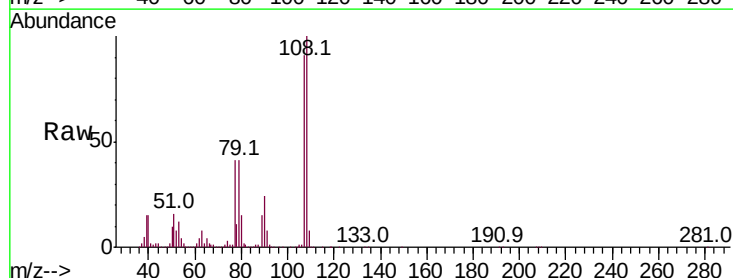
Instrument :
BNA_M
ClientSampleId :
PB116023BS

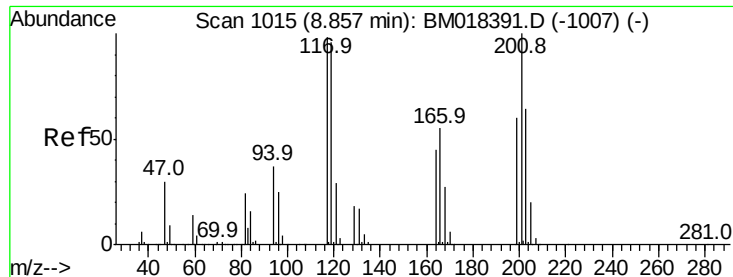
Tot Ion: 45 Resp: 1840596
Ion Ratio Lower Upper
45 100
77 15.4 0.0 33.4
79 12.2 0.0 31.1



#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

Tgt Ion: 107 Resp: 1335952
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





#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

Instrument :

BNA_M

ClientSampleId :

PB116023BS

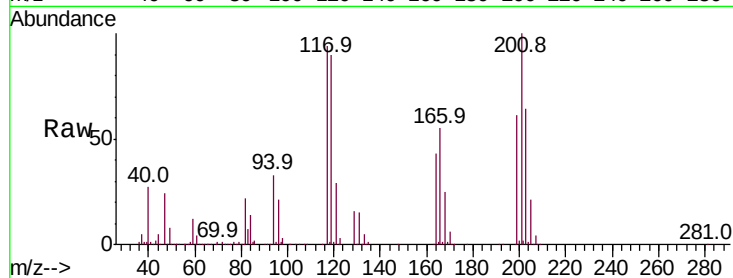
Tot Ion:117 Resp: 625342

Ion Ratio Lower Upper

117 100

119 95.2 78.3 117.5

201 106.1 81.4 122.0

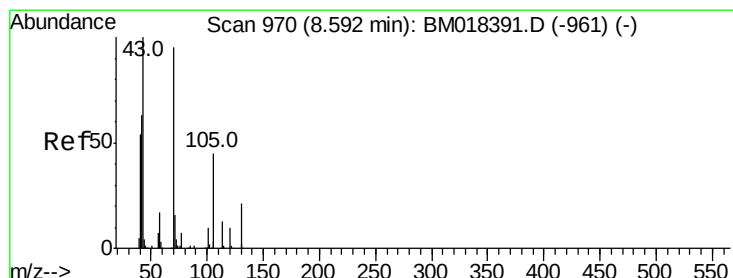
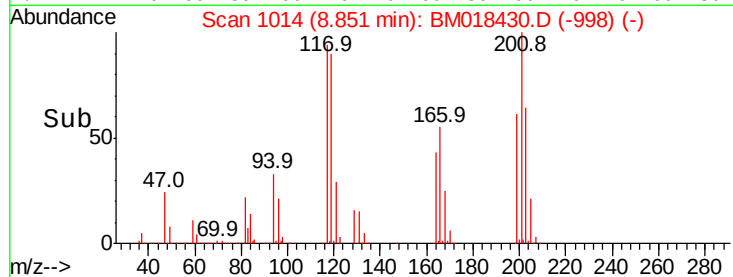
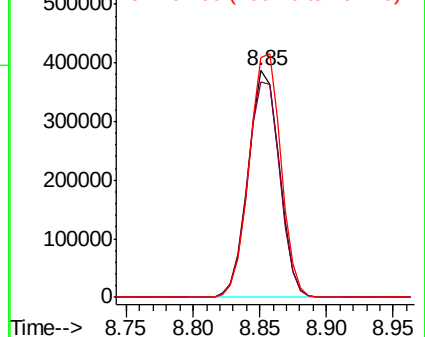


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 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

Tgt Ion: 70 Resp: 1099406

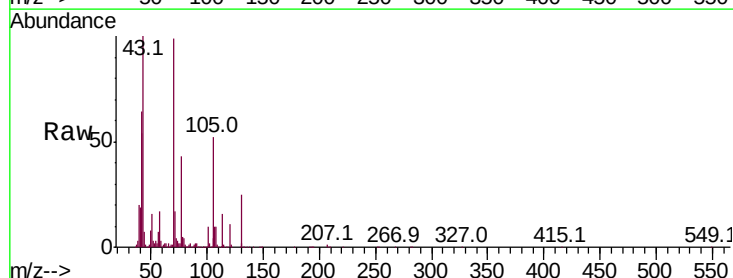
Ion Ratio Lower Upper

70 100

42 64.6 54.0 81.0

101 10.4 8.1 12.1

130 24.9 17.8 26.6



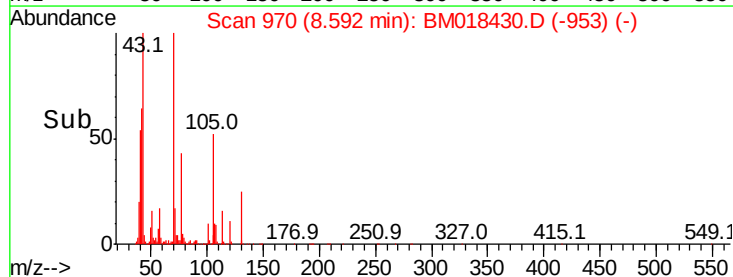
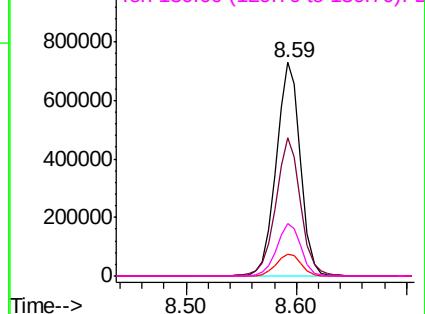
Abundance

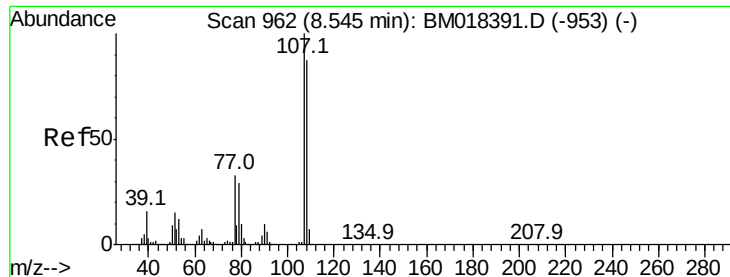
Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

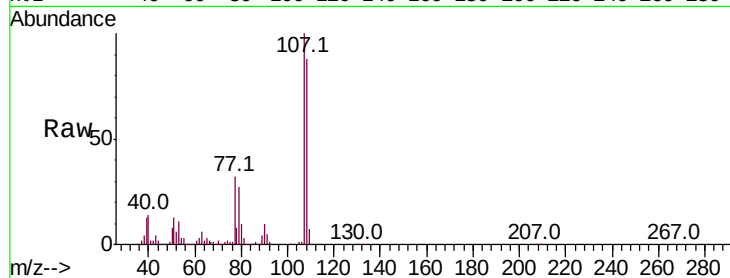




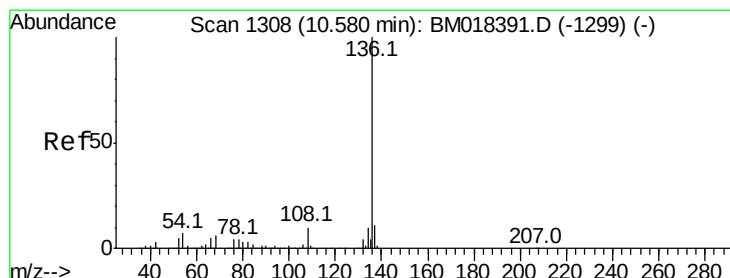
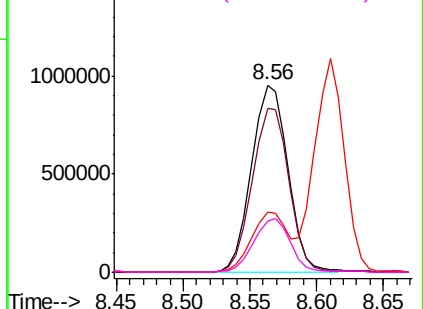
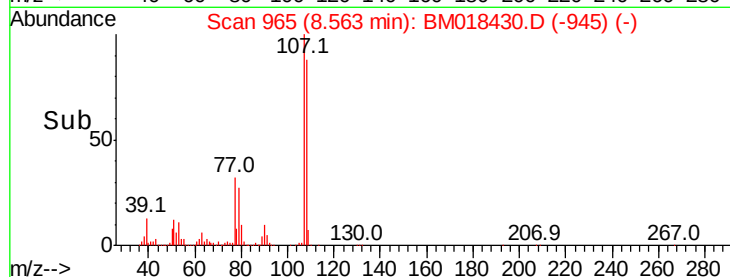
#20
3+4-Methylphenols
Concen: 45.689 ng
RT: 8.56 min Scan# 965
Delta R.T. 0.02 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot 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

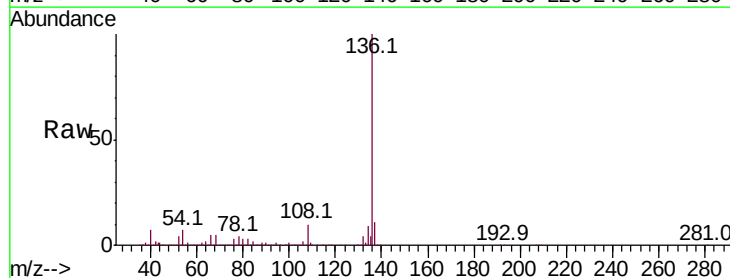


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

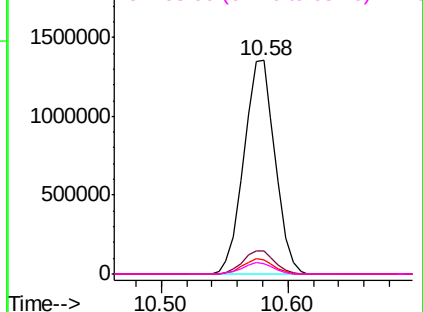
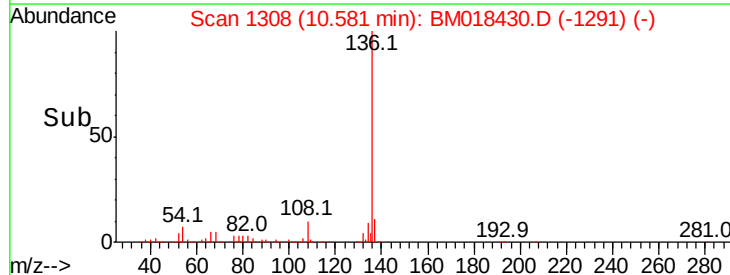


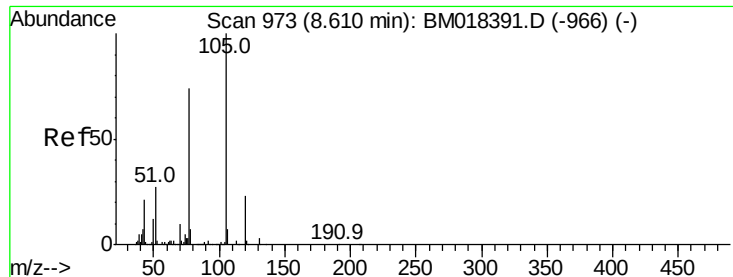
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion:136 Resp: 2311942
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



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0





#22

Acetophenone

Concen: 38.917 ng

RT: 8.61 min Scan# 973

Delta R.T. 0.00 min

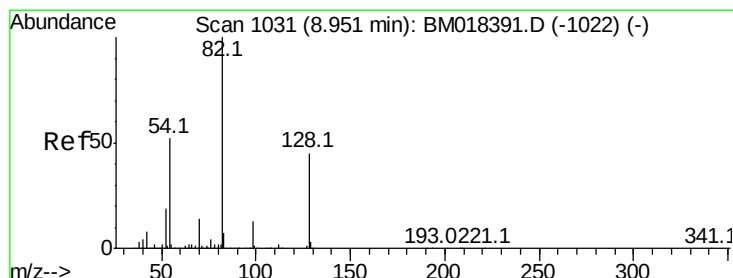
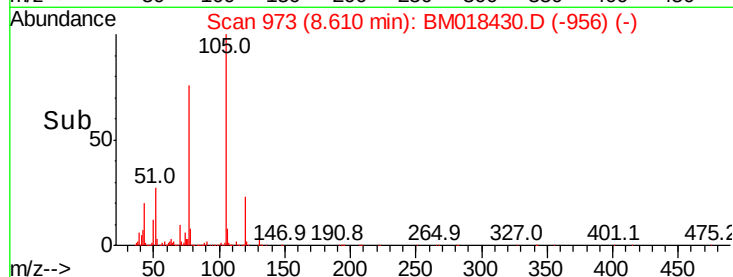
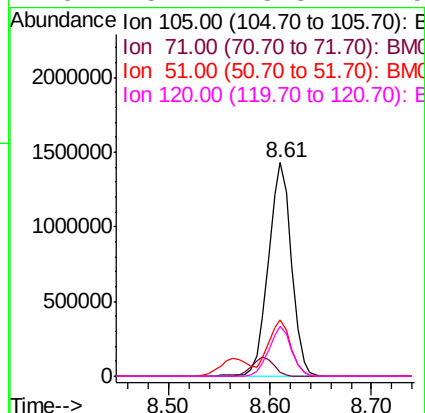
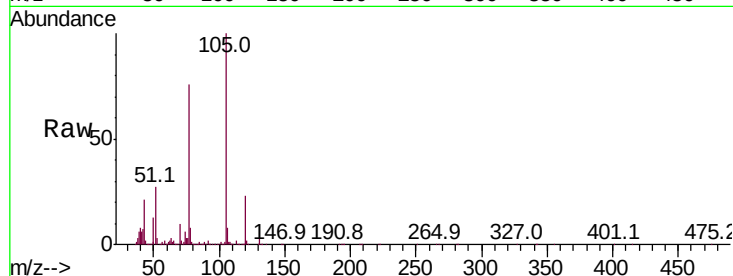
Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion:105 Resp: 2284381

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

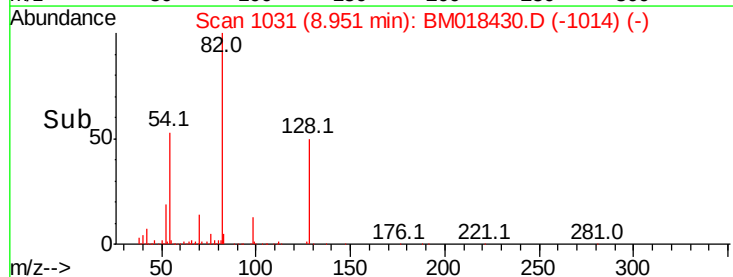
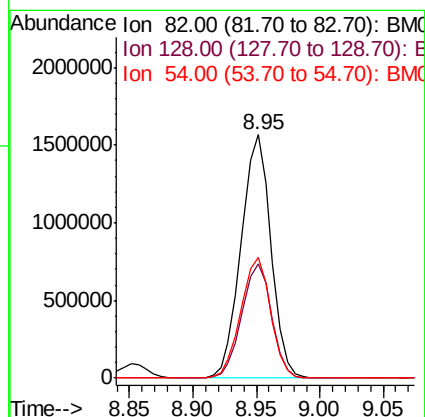
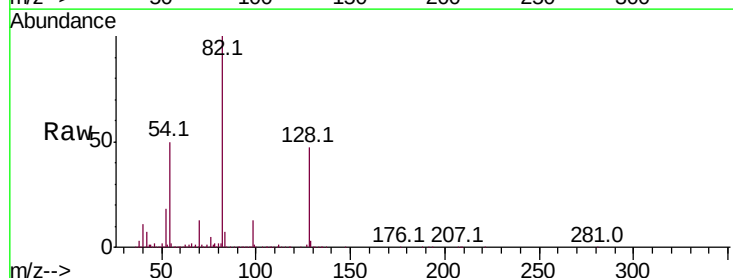
Delta R.T. 0.00 min

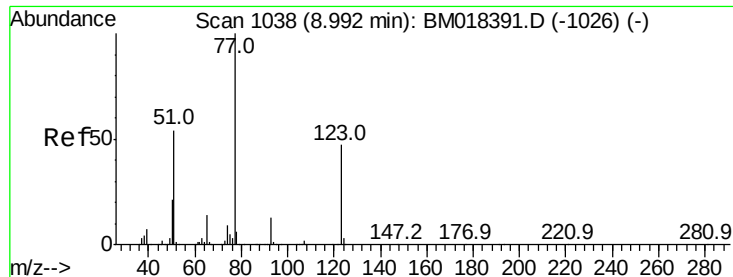
Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Tgt Ion: 82 Resp: 2562008

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





#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

Instrument :

BNA_M

ClientSampleId :

PB116023BS

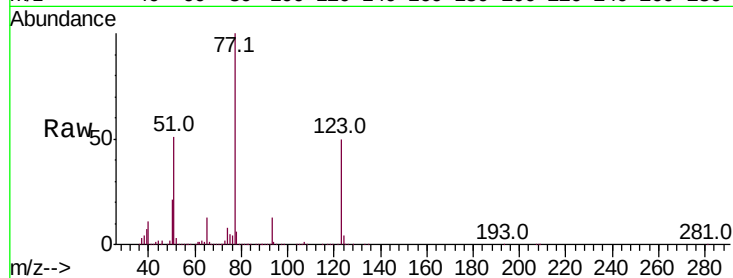
Tot Ion: 77 Resp: 1648992

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

77 100

123 50.0 37.7 56.5

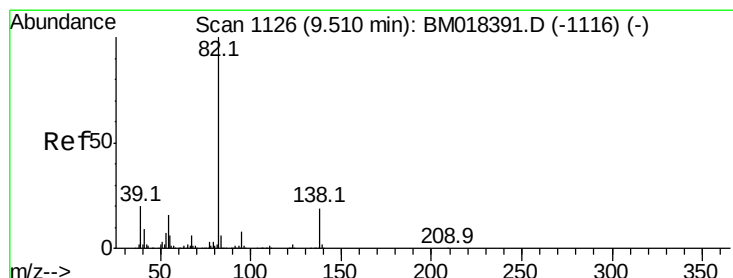
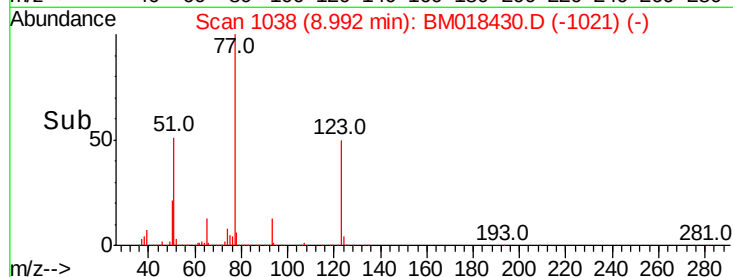
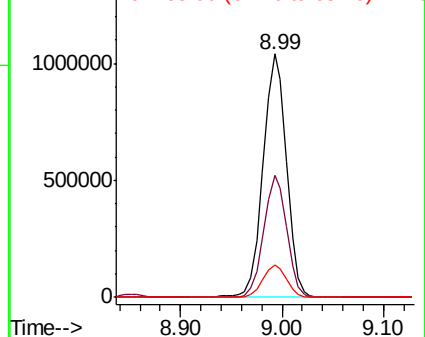
65 13.4 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BM018430.D (-1021) (-)

Ion 123.00 (122.70 to 123.70): BM018430.D (-1021) (-)

Ion 65.00 (64.70 to 65.70): BM018430.D (-1021) (-)



#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

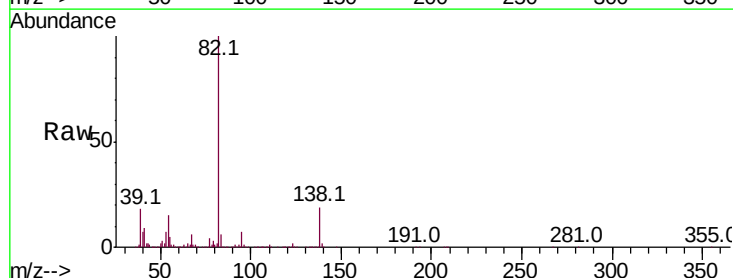
Tgt Ion: 82 Resp: 3014413

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

82 100

95 7.4 6.1 9.1

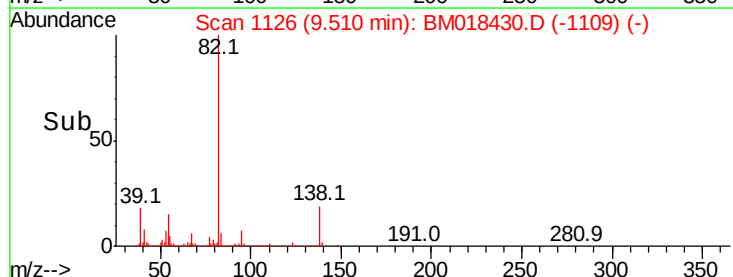
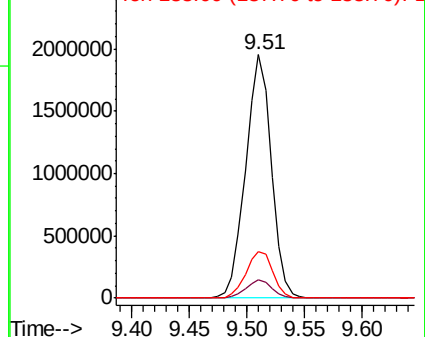
138 19.3 15.1 22.7

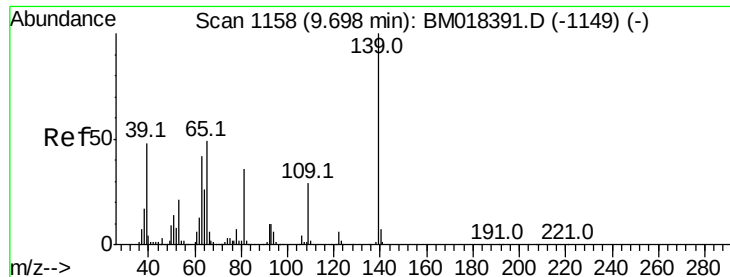


Abundance Ion 82.00 (81.70 to 82.70): BM018430.D (-1109) (-)

Ion 95.00 (94.70 to 95.70): BM018430.D (-1109) (-)

Ion 138.00 (137.70 to 138.70): BM018430.D (-1109) (-)

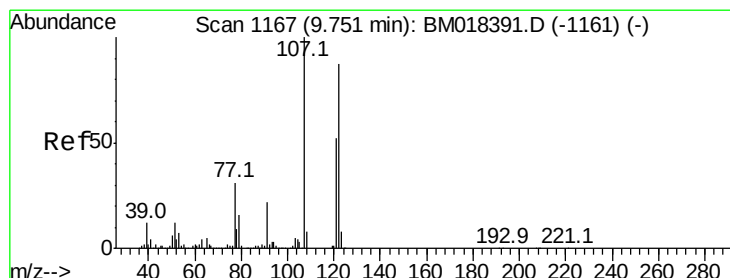
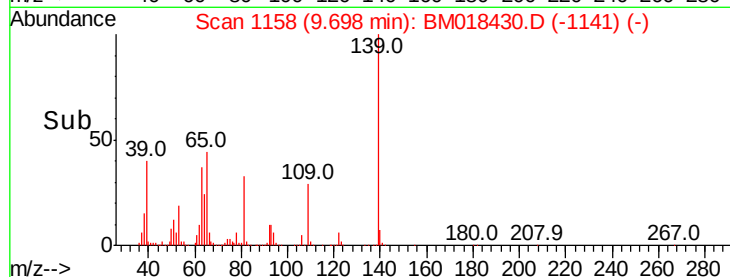
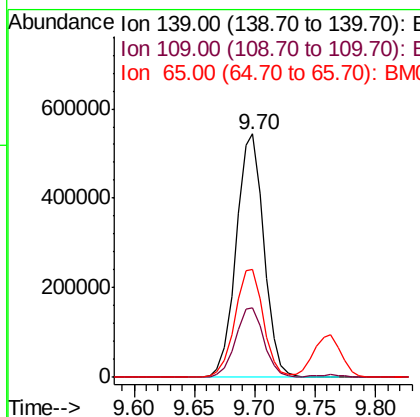
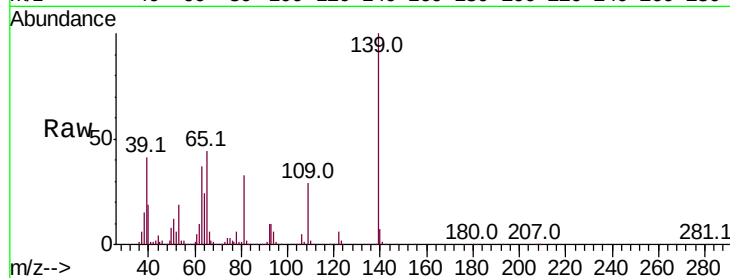




#26
2-Nitrophenol
Concen: 50.147 ng
RT: 9.70 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

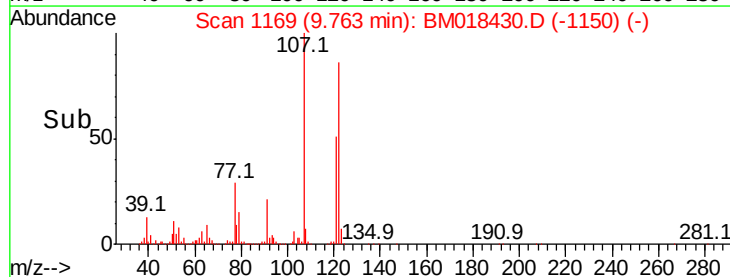
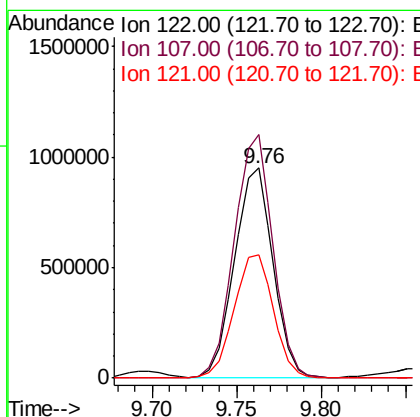
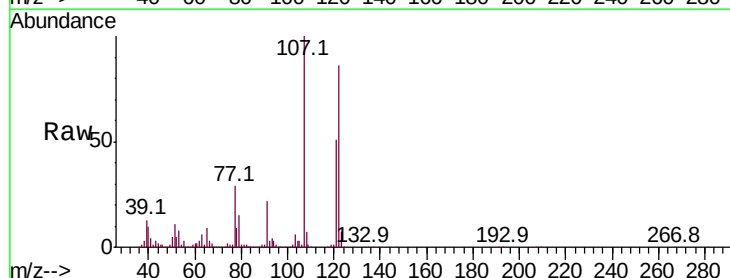
Instrument :
BNA_M
ClientSampleId :
PB116023BS

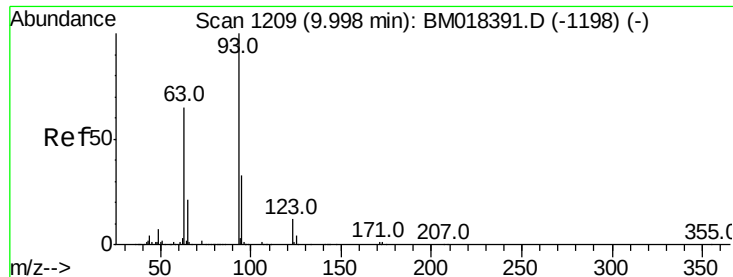
Tot Ion	Ratio	Lower	Upper
139	100		
109	28.8	23.4	35.2
65	44.5	39.4	59.2



#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

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.8	91.9	137.9
121	58.9	47.5	71.3





#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

Instrument :

BNA_M

ClientSampleId :

PB116023BS

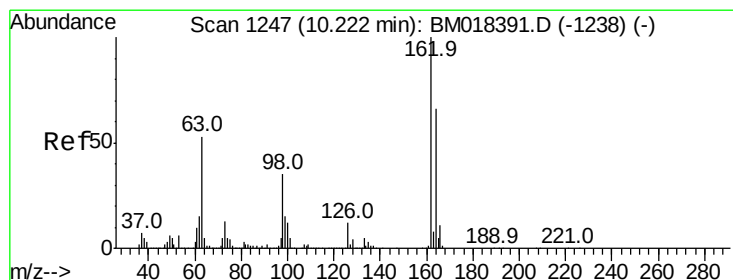
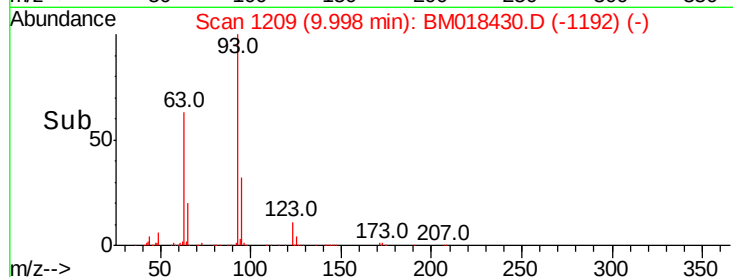
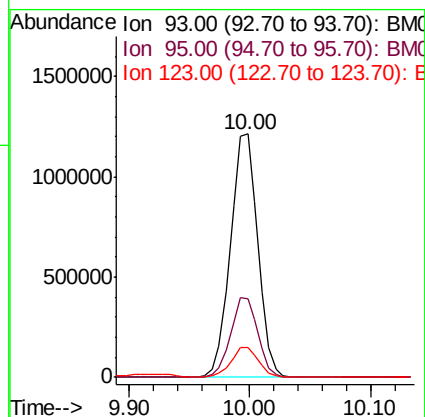
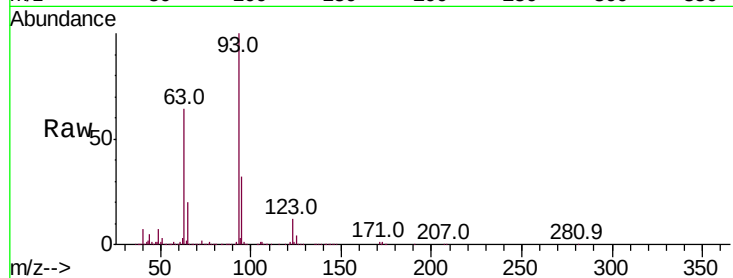
Tot Ion: 93 Resp: 1907698

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.6	39.8
123	12.2	9.9	14.9

93 100

95 32.4 26.6 39.8

123 12.2 9.9 14.9



#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

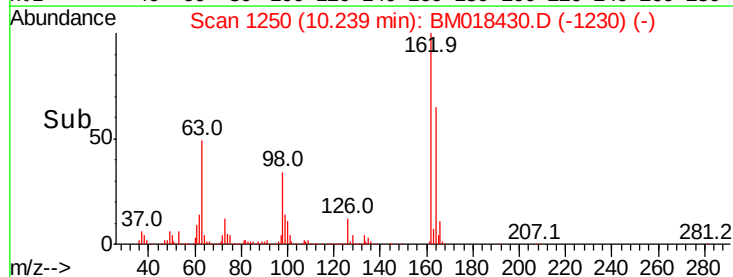
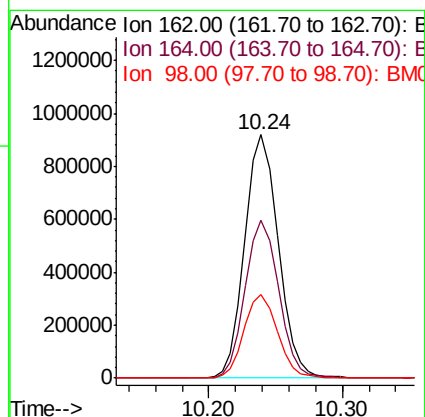
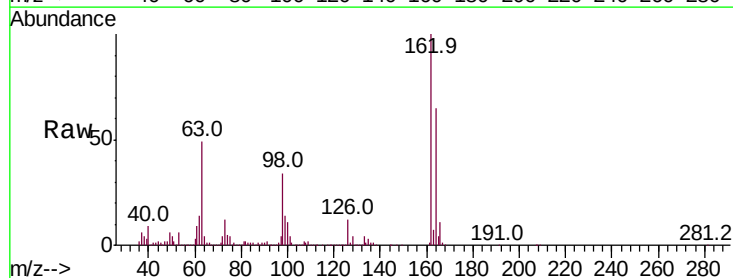
Tgt Ion: 162 Resp: 1610833

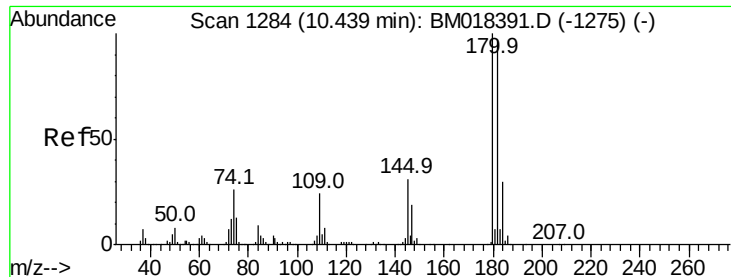
Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.6	85.6
98	34.4	14.7	54.7

162 100

164 64.6 45.6 85.6

98 34.4 14.7 54.7



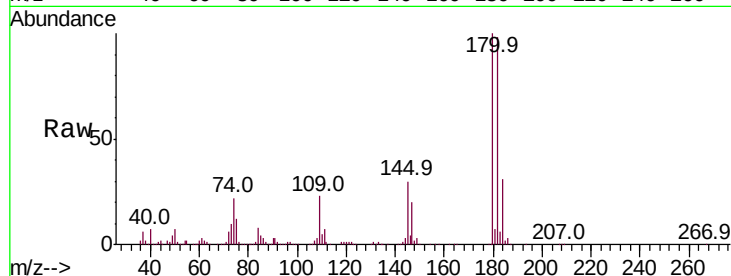


#30
 1,2,4-Trichlorobenzene
 Concen: 43.527 ng
 RT: 10.44 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

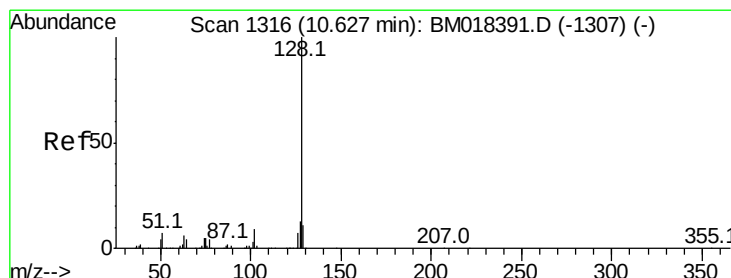
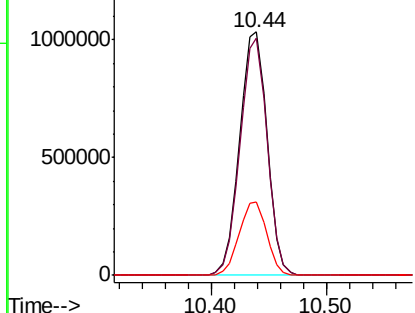
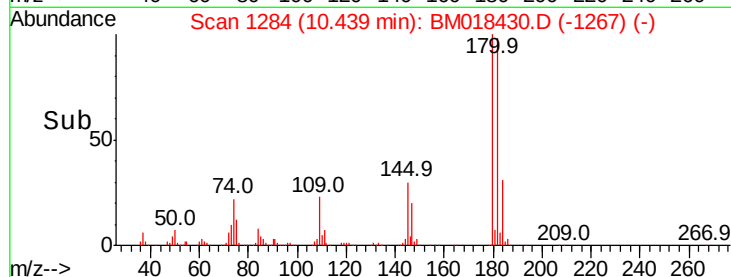
Instrument :
 BNA_M
 ClientSampleId :
 PB116023BS

Tot Ion:180 Resp: 1706787

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



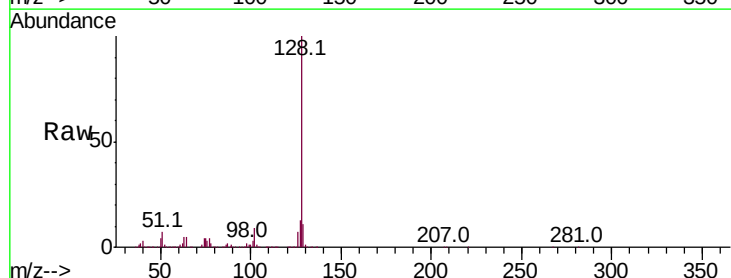
Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



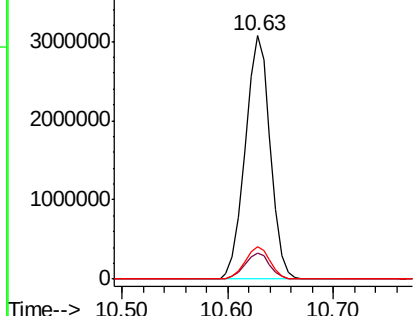
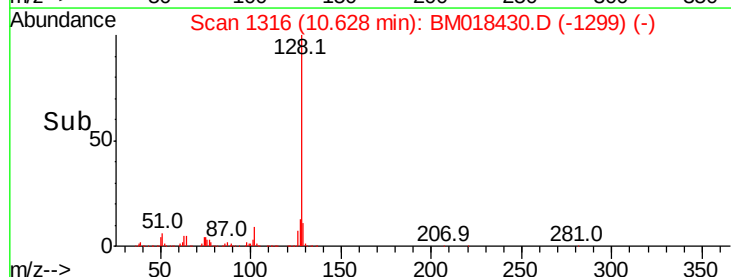
#31
 Naphthalene
 Concen: 45.243 ng
 RT: 10.63 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

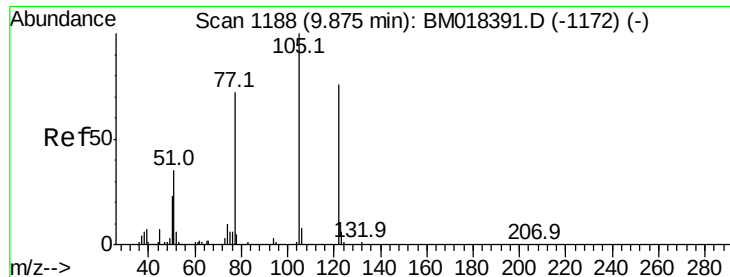
Tgt Ion:128 Resp: 5041514

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



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

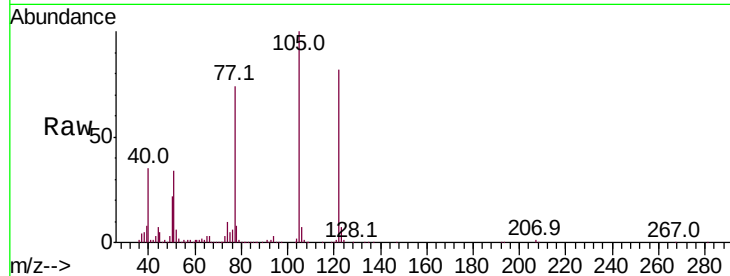




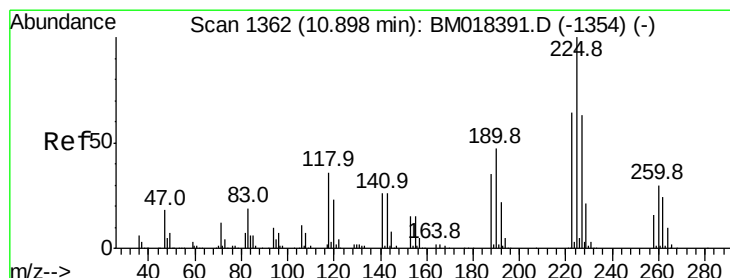
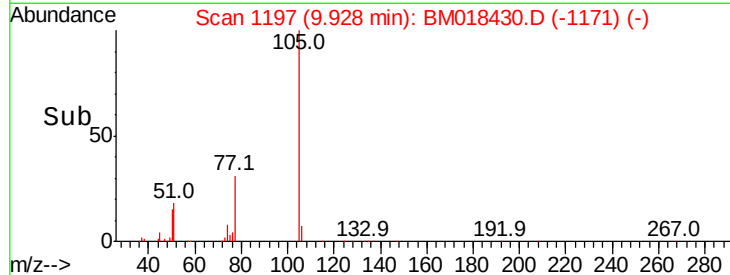
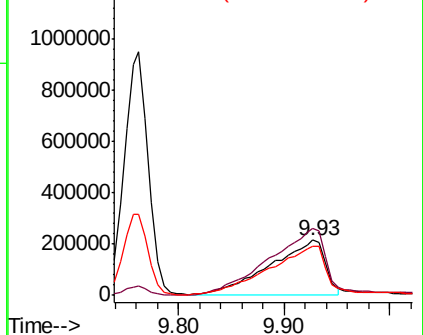
#32
Benzoic acid
Concen: 45.239 ng
RT: 9.93 min Scan# 1197
Delta R.T. 0.05 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion:122 Resp: 755815
Ion Ratio Lower Upper
122 100
105 122.0 100.4 140.4
77 90.3 71.7 111.7

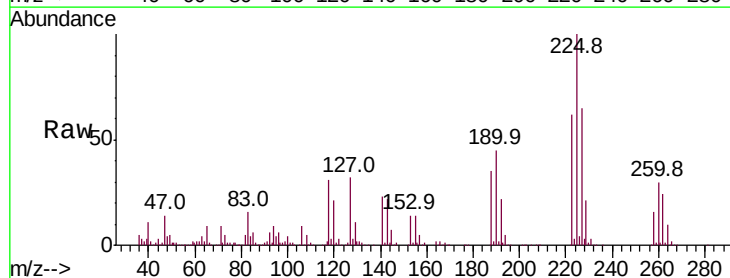


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BMO

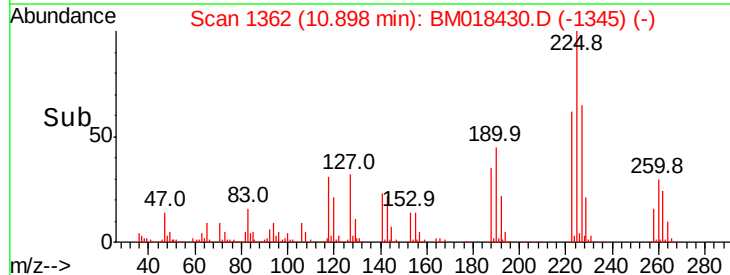
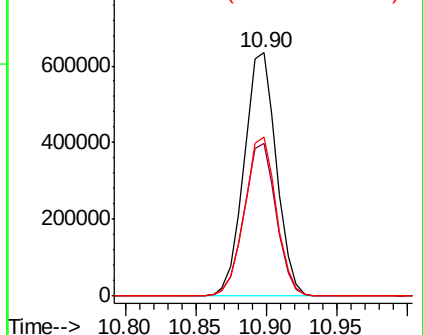


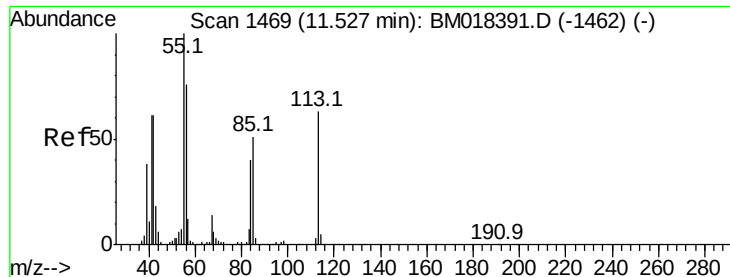
#34
Hexachlorobutadiene
Concen: 42.662 ng
RT: 10.90 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion:225 Resp: 1015776
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: 28.023 ng

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

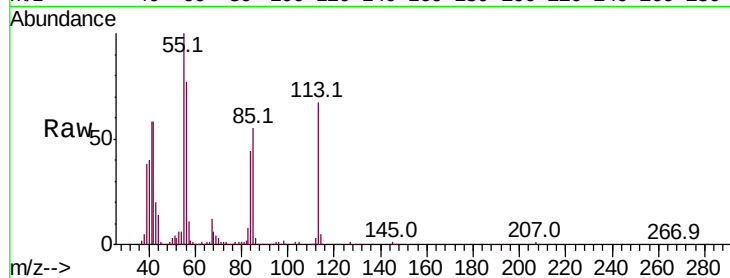
Tot Ion:113 Resp: 331513

Ion Ratio Lower Upper

113 100

55 150.3 139.3 179.3

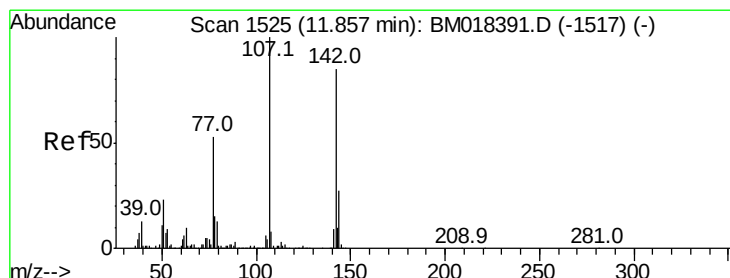
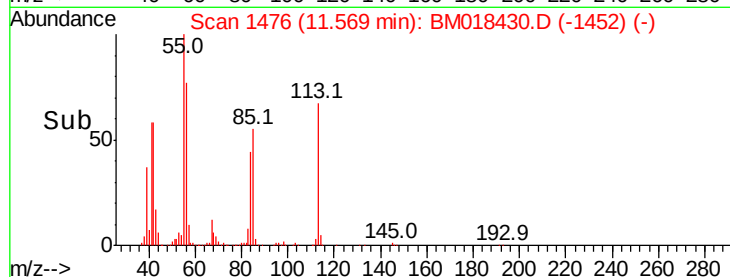
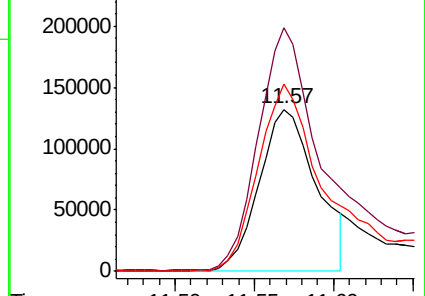
56 115.6 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 42.776 ng

RT: 11.89 min Scan# 1530

Delta R.T. 0.03 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

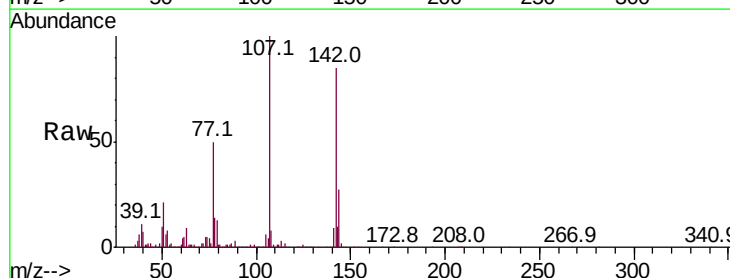
Tgt Ion:107 Resp: 1552079

Ion Ratio Lower Upper

107 100

144 27.2 21.9 32.9

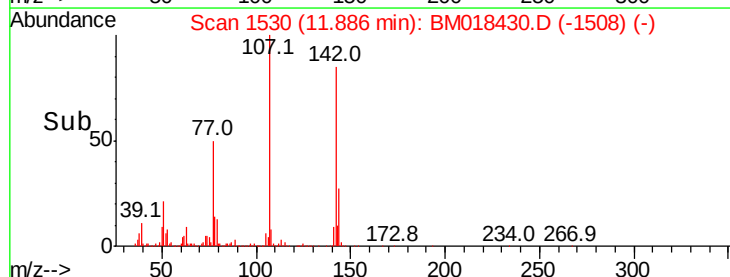
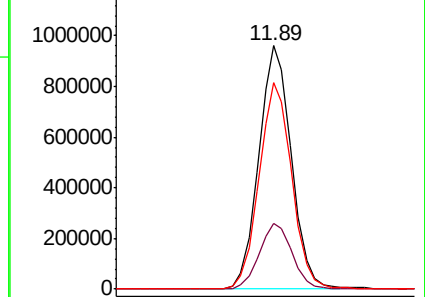
142 84.7 67.9 101.9

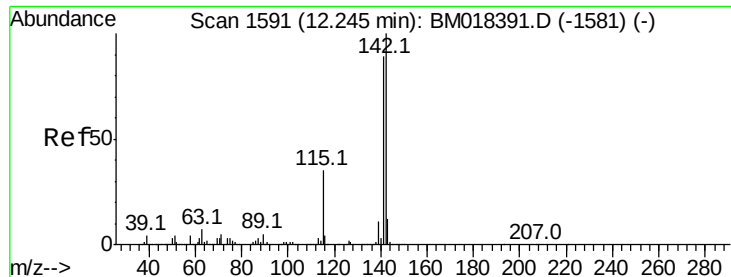


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



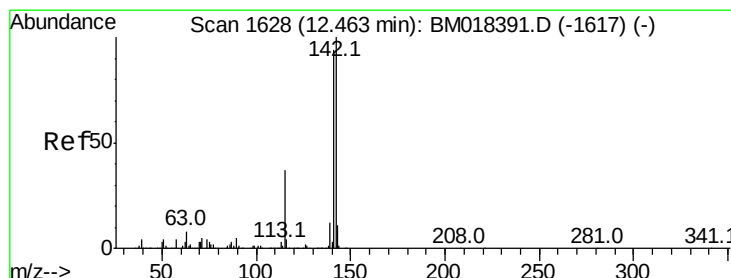
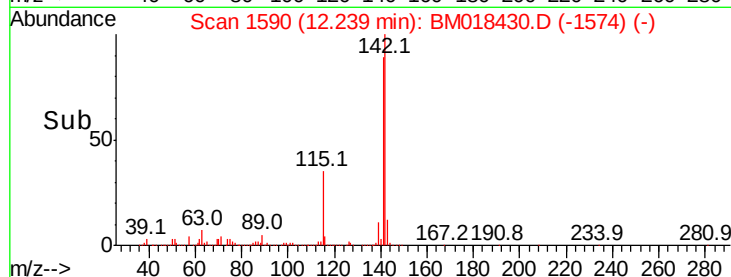
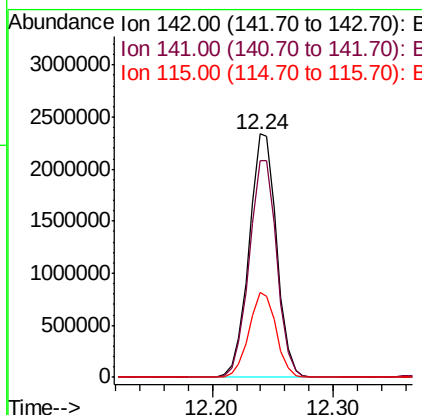
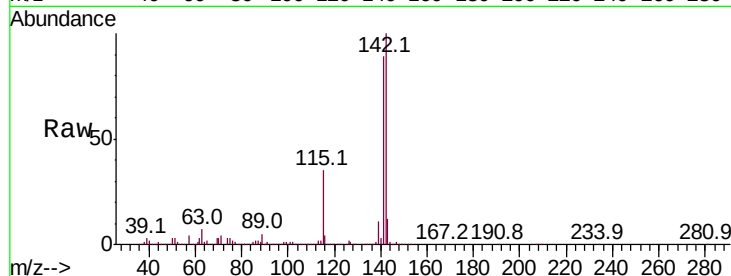


#37
 2-Methylnaphthalene
 Concen: 45.421 ng
 RT: 12.24 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

Instrument :
 BNA_M
 ClientSampleId :
 PB116023BS

Tot Ion:142 Resp: 3706295

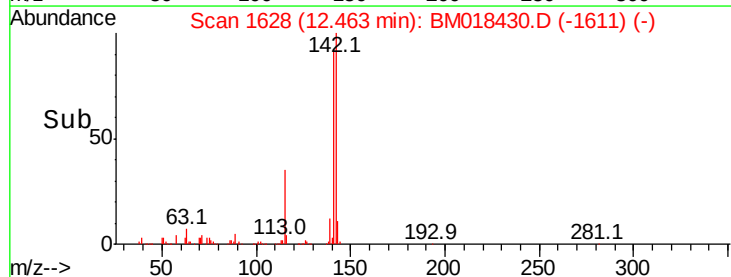
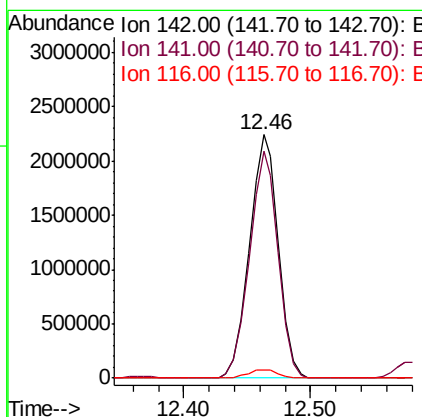
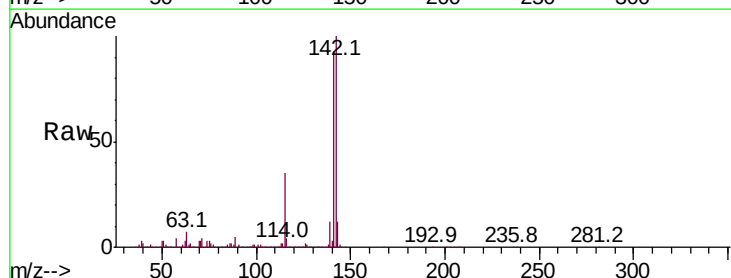
Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	34.6	28.0	42.0

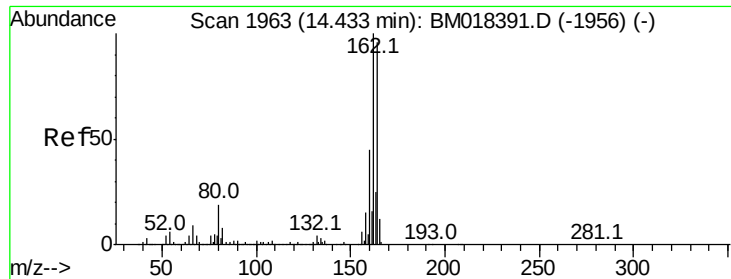


#38
 1-Methylnaphthalene
 Concen: 44.417 ng
 RT: 12.46 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

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





#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

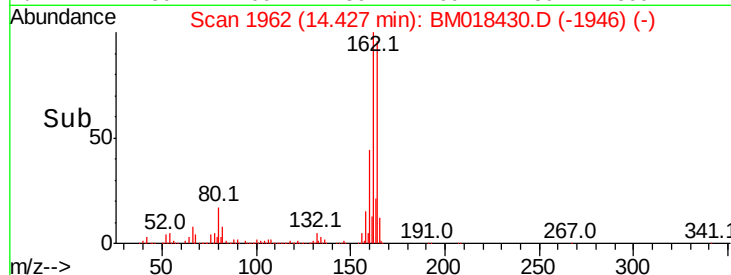
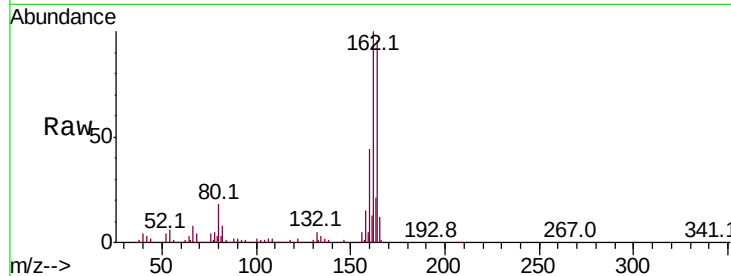
Tot Ion:164 Resp: 1280964

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.4

160 45.5 37.1 55.7

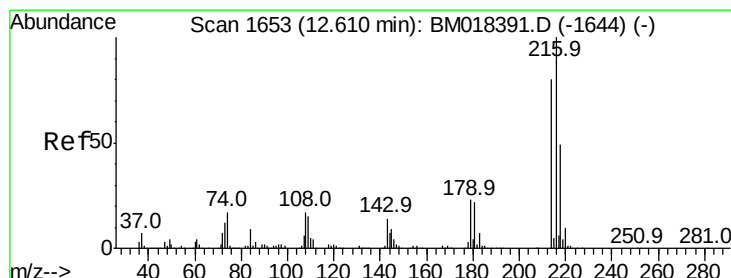
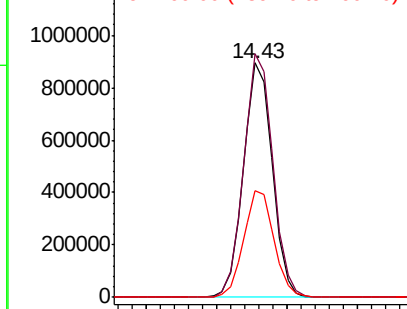


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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

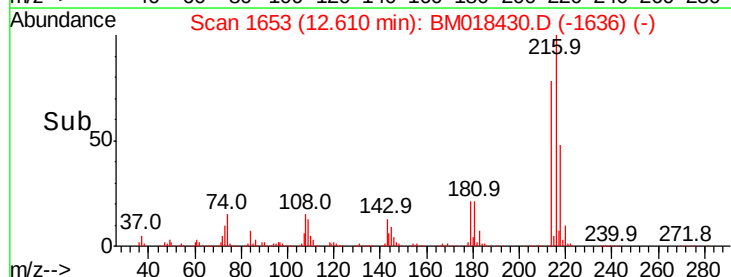
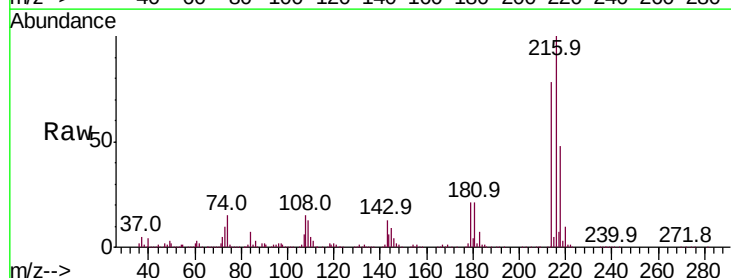
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.0

179 22.1 17.9 26.9

108 19.1 15.8 23.6



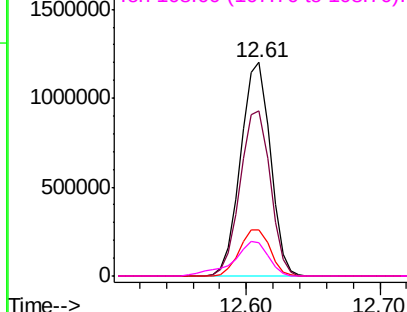
Abundance

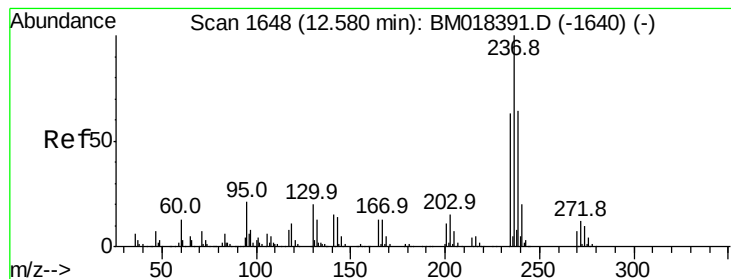
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#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 :

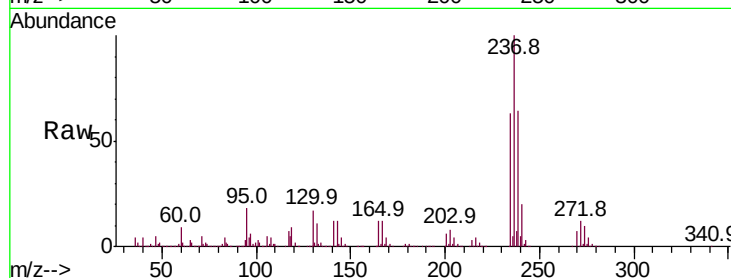
BNA_M

ClientSampleId :

PB116023BS

Tot Ion:237 Resp: 1741349

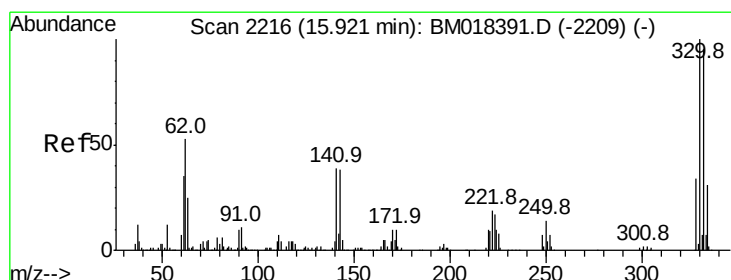
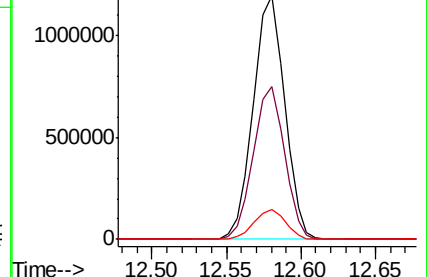
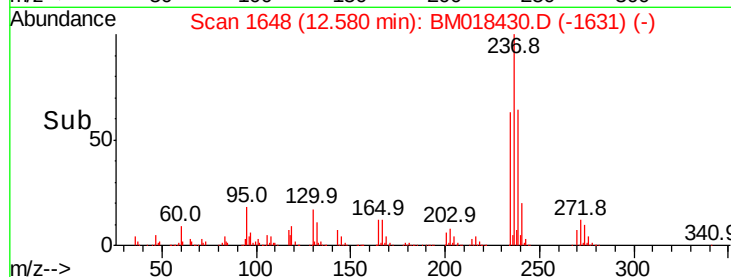
Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.8	82.8
272	12.1	0.0	31.9



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

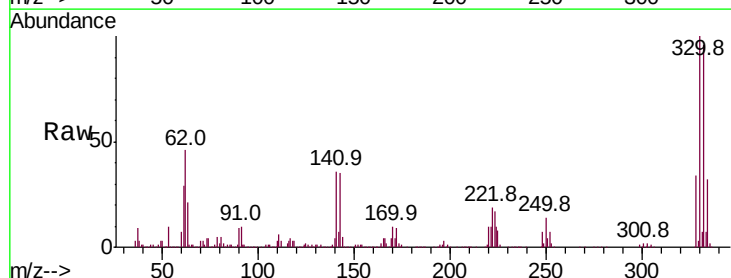
Delta R.T. 0.01 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Tgt Ion:330 Resp: 1830263

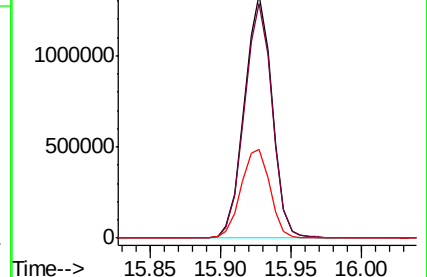
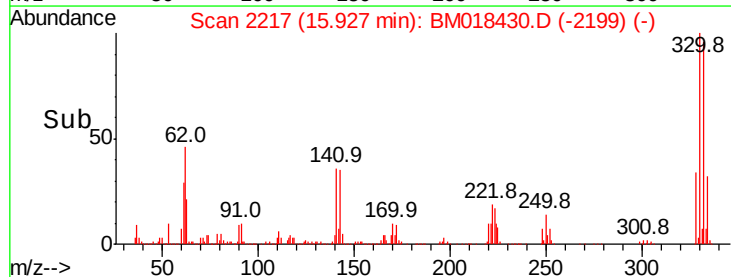
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	38.3	31.7	47.5

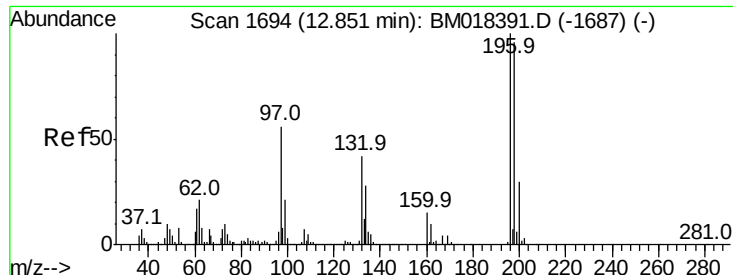


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

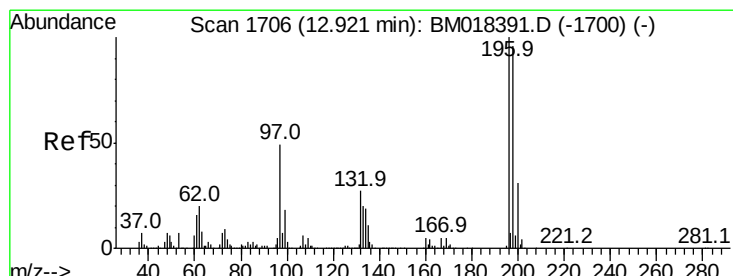
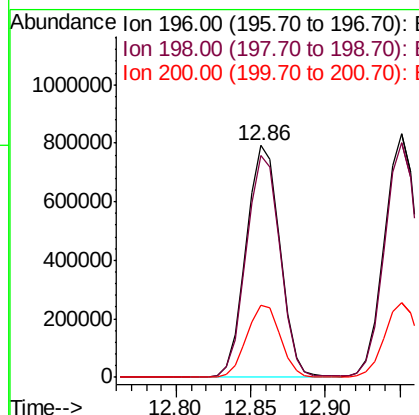
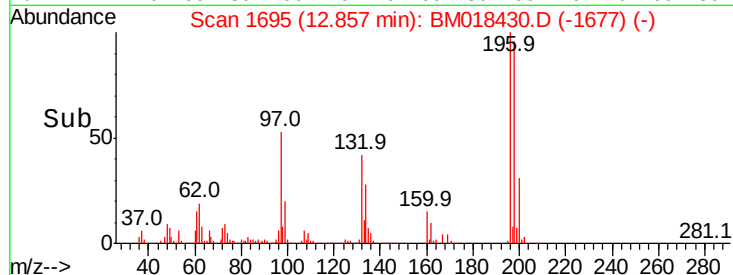
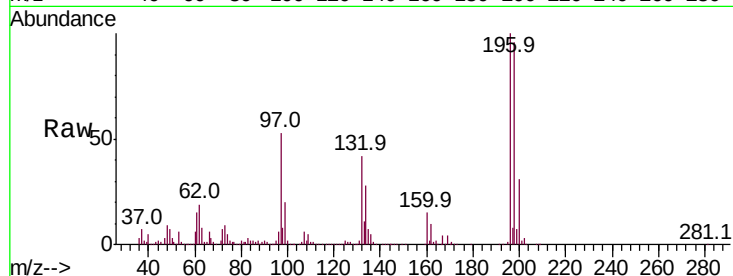




#43
 2,4,6-Trichlorophenol
 Concen: 54.628 ng
 RT: 12.86 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

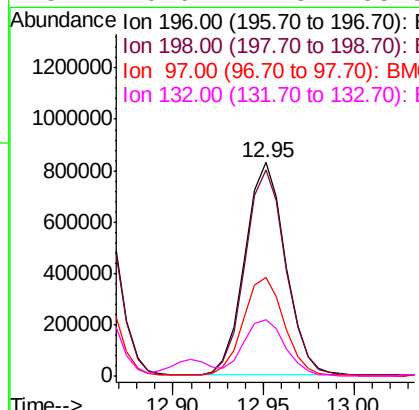
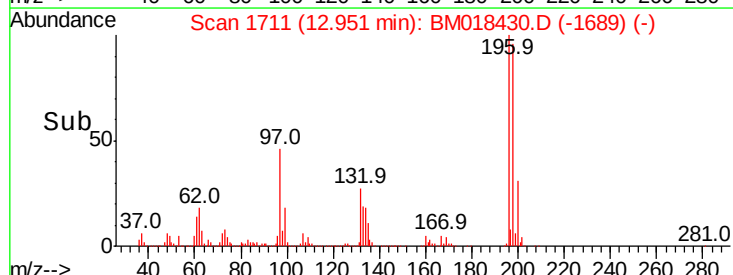
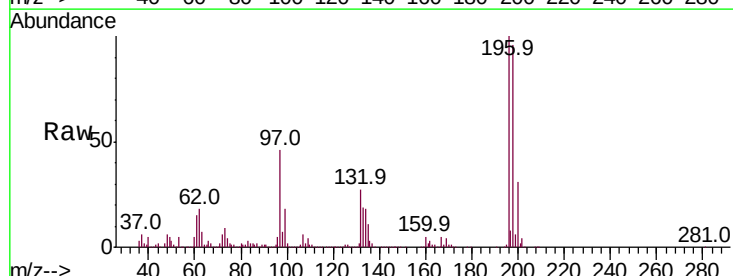
Instrument :
 BNA_M
 ClientSampleId :
 PB116023BS

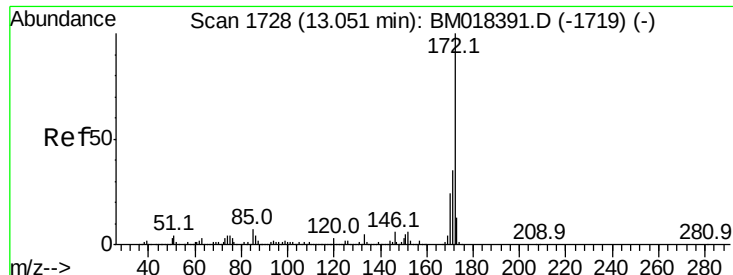
Tot Ion:196 Resp: 1244386
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.6 115.0
 200 31.3 24.2 36.4



#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

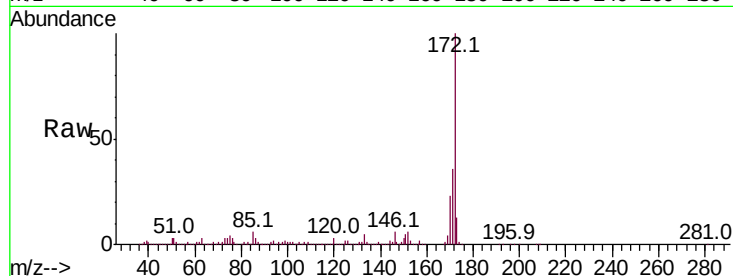




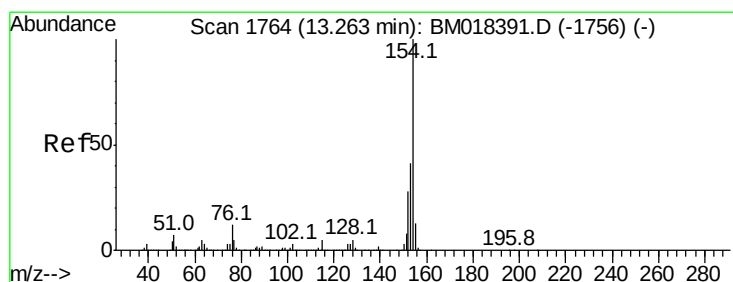
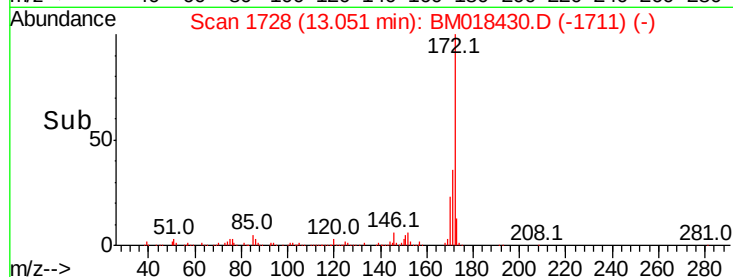
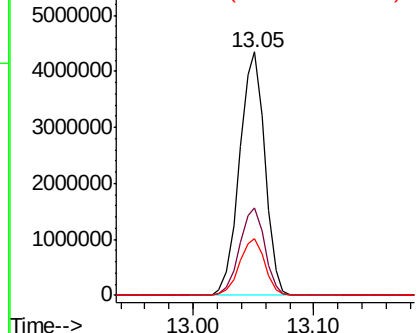
#45
2-Fluorobiphenyl
Concen: 67.289 ng
RT: 13.05 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion:172 Resp: 6364086
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.4
170 23.3 18.9 28.3

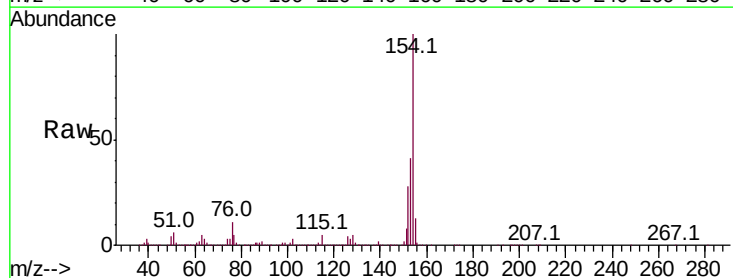


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

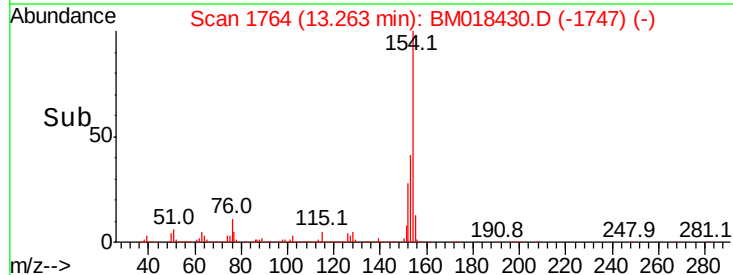
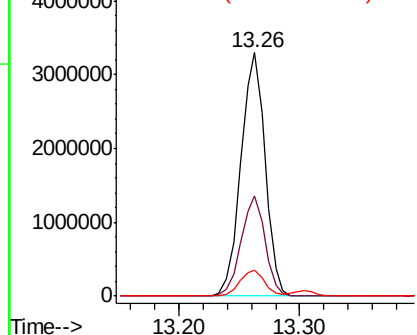


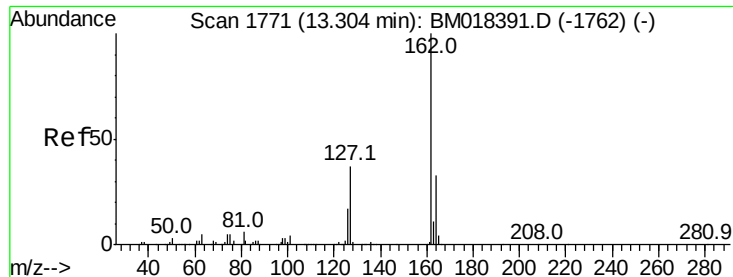
#46
1,1'-Biphenyl
Concen: 42.186 ng
RT: 13.26 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion:154 Resp: 4617903
Ion Ratio Lower Upper
154 100
153 41.0 20.5 60.5
76 10.9 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM0

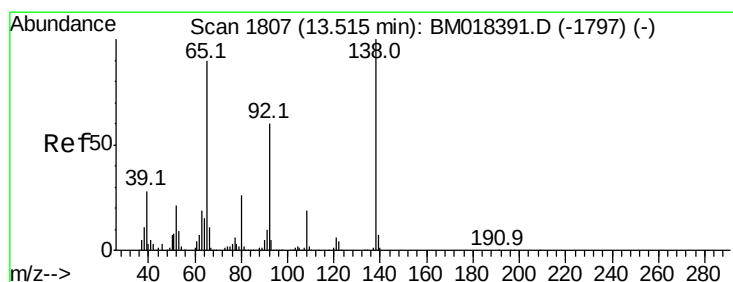
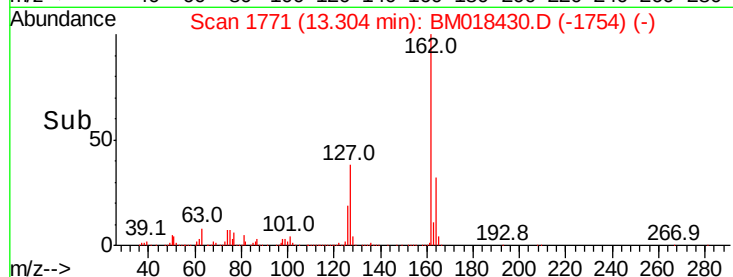
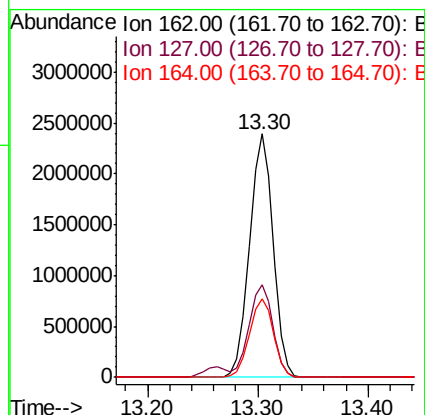
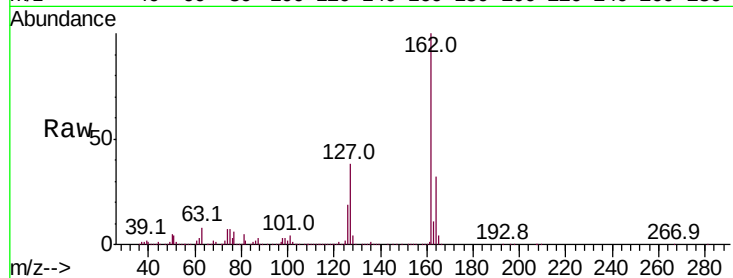




#47
2-Chloronaphthalene
Concen: 42.782 ng
RT: 13.30 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

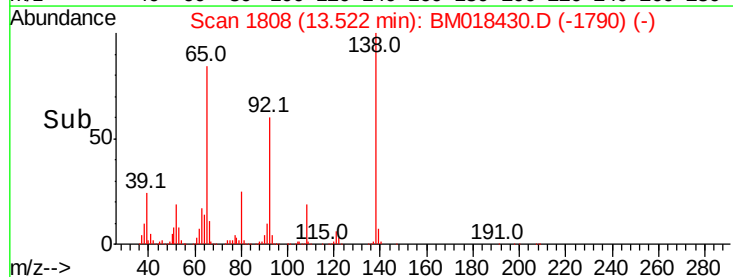
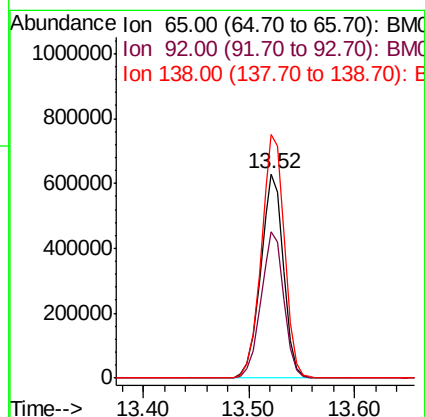
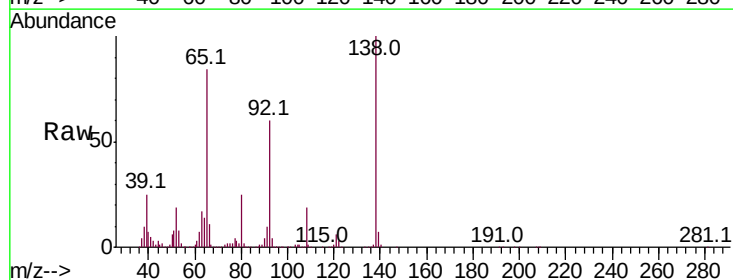
Instrument :
BNA_M
ClientSampleId :
PB116023BS

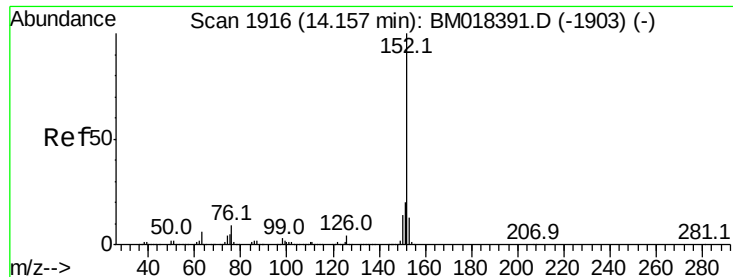
Tot Ion:162 Resp: 3586814
Ion Ratio Lower Upper
162 100
127 38.1 31.4 47.0
164 32.3 26.2 39.4



#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: 65 Resp: 950300
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 :

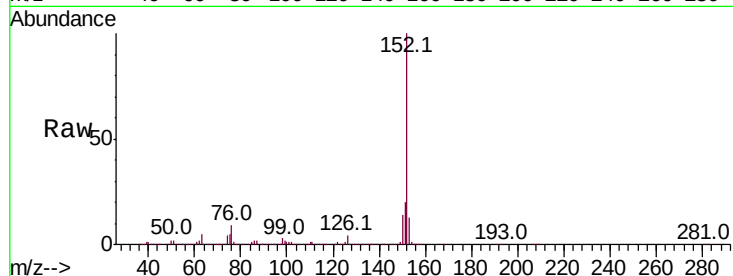
BNA_M

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

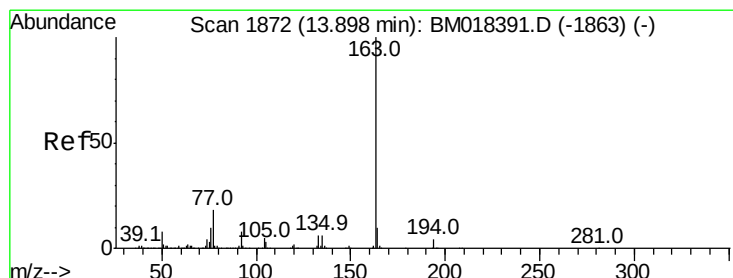
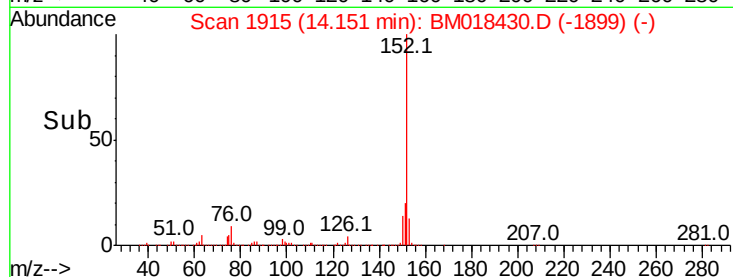
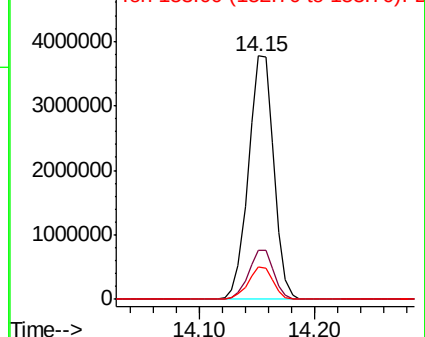


Abundance

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

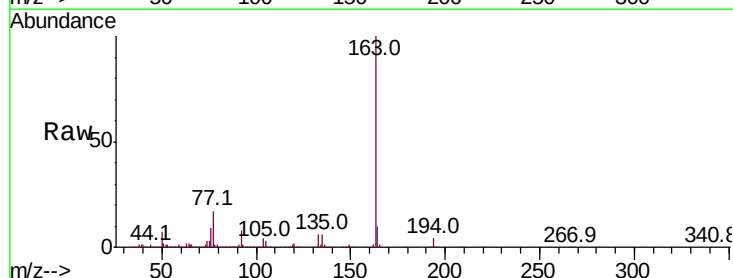
Delta R.T. 0.00 min

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

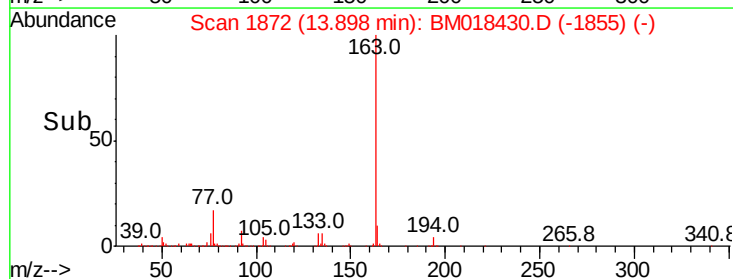
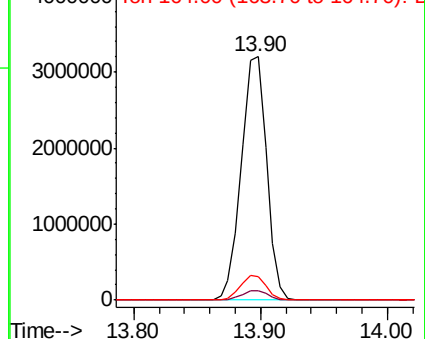


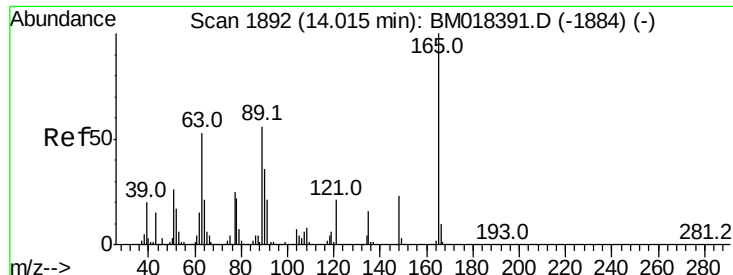
Abundance

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

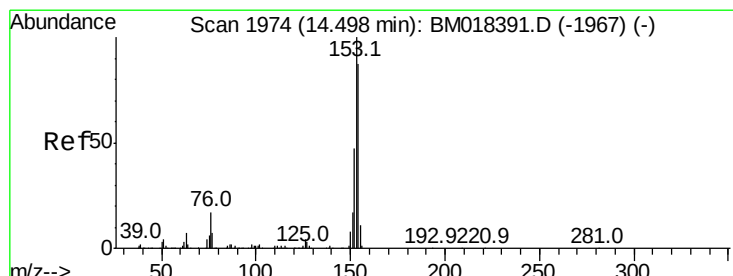
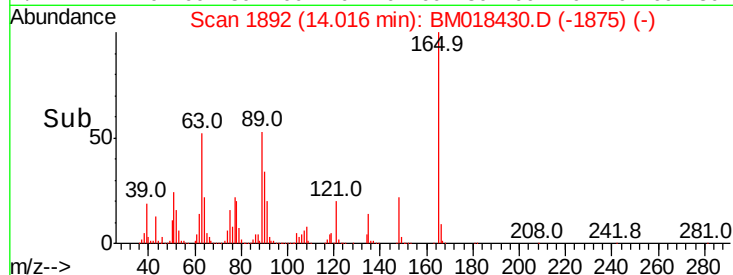
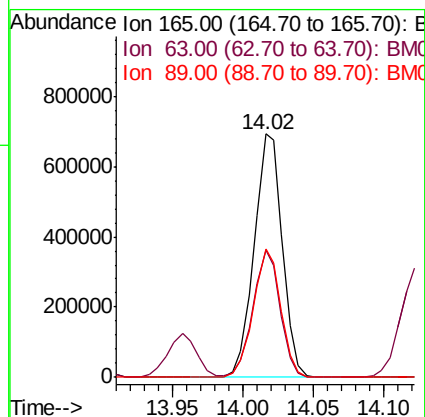
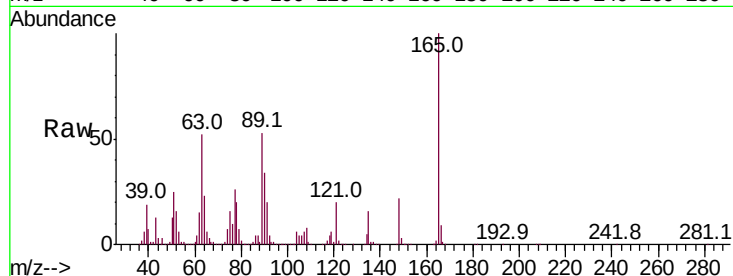




#51
2,6-Dinitrotoluene
Concen: 43.290 ng
RT: 14.02 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

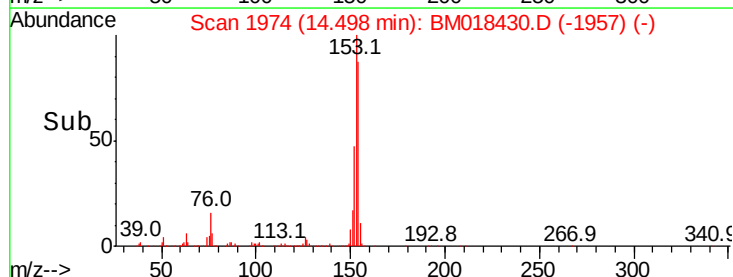
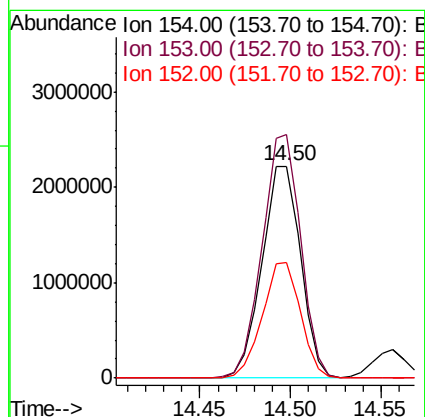
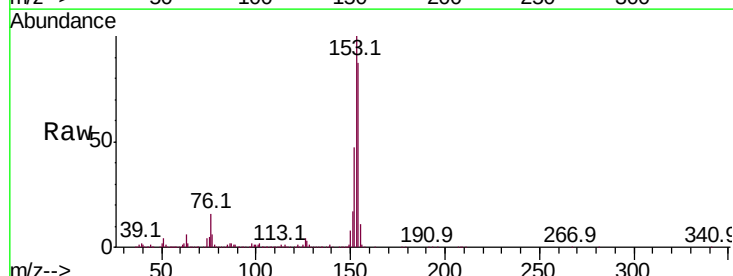
Instrument :
BNA_M
ClientSampleId :
PB116023BS

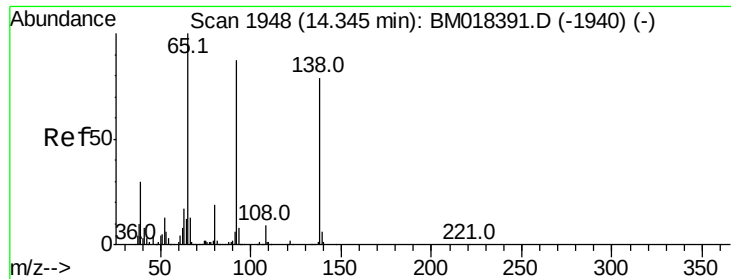
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.1	45.6	68.4
89	52.6	44.6	66.8



#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	Ratio	Lower	Upper
154	100		
153	114.8	92.3	138.5
152	54.3	43.8	65.6

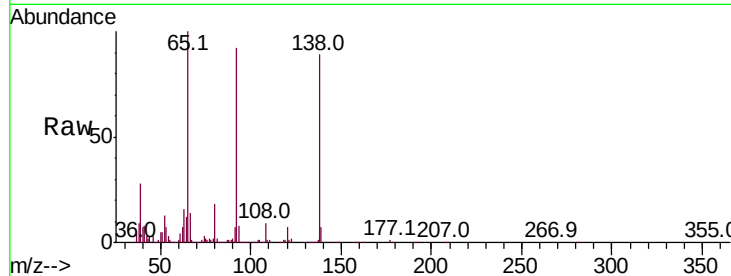




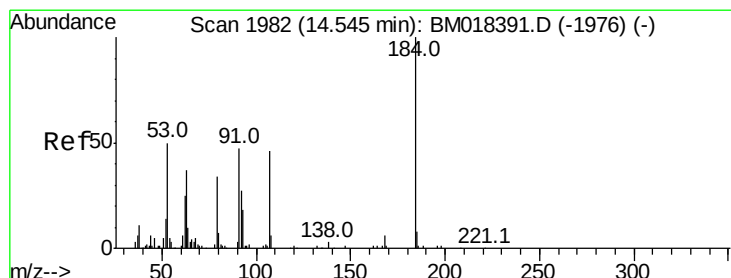
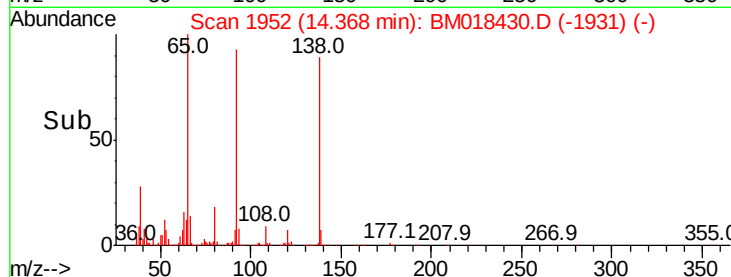
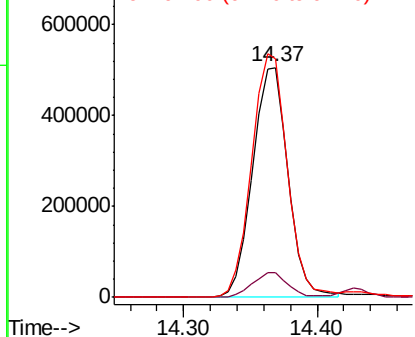
#53
 3-Nitroaniline
 Concen: 37.260 ng
 RT: 14.37 min Scan# 1952
 Delta R.T. 0.02 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

Instrument :
 BNA_M
 ClientSampleId :
 PB116023BS

Tot Ion:138 Resp: 930718
 Ion Ratio Lower Upper
 138 100
 108 10.5 9.1 13.7
 92 103.9 88.2 132.2

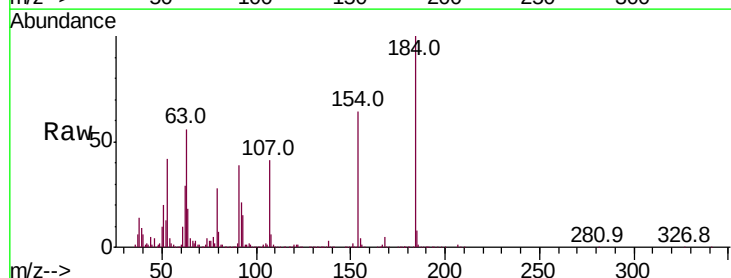


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BM

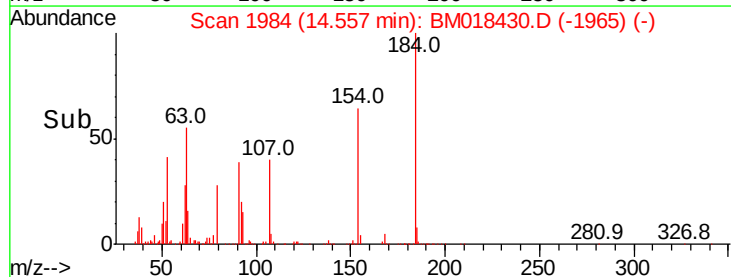
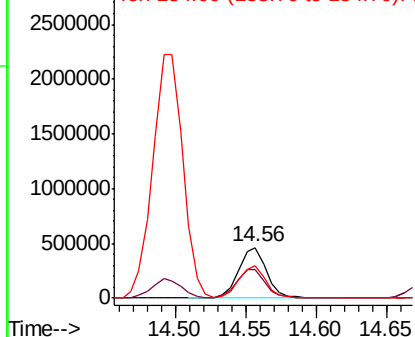


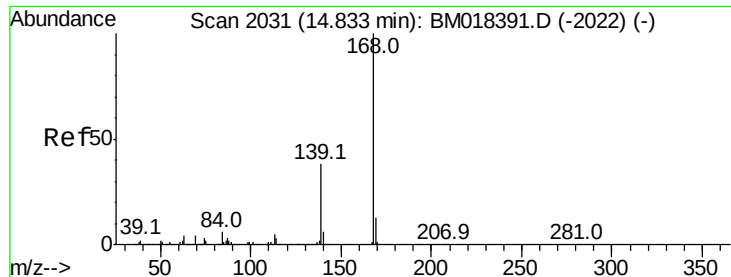
#54
 2,4-Dinitrophenol
 Concen: 75.558 ng
 RT: 14.56 min Scan# 1984
 Delta R.T. 0.01 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

Tgt Ion:184 Resp: 635555
 Ion Ratio Lower Upper
 184 100
 63 55.7 55.9 83.9#
 154 63.9 54.2 81.4



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 154.00 (153.70 to 154.70): E

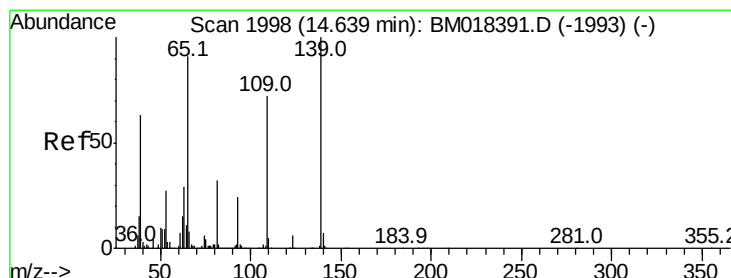
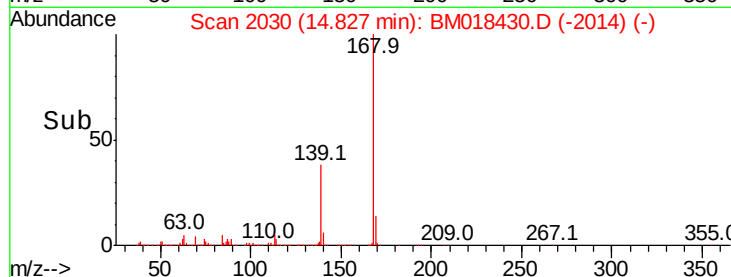
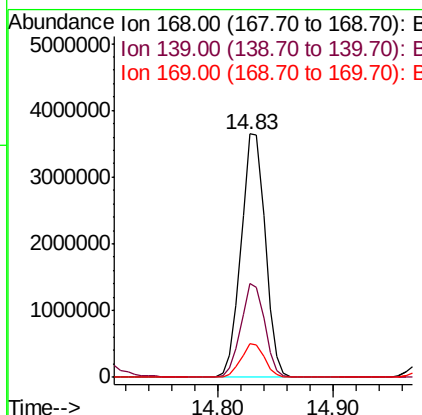
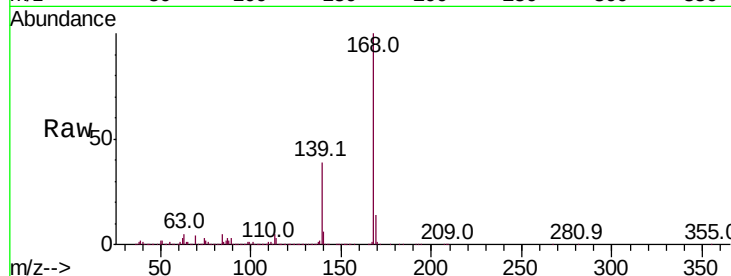




#55
Dibenzofuran
Concen: 41.589 ng
RT: 14.83 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

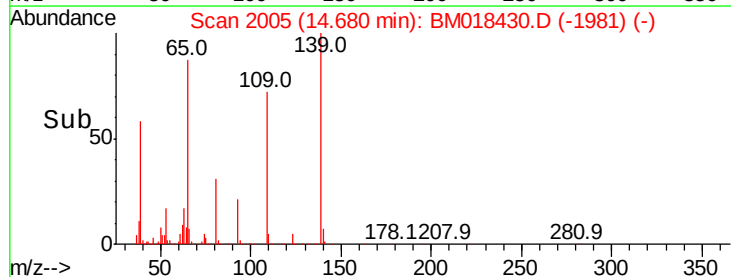
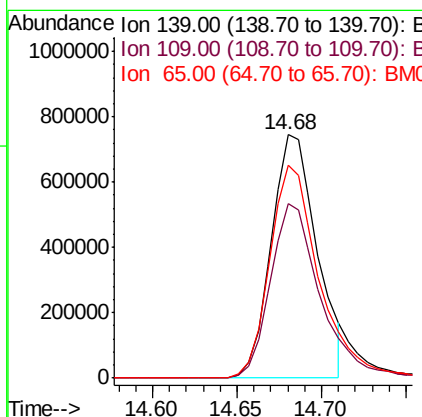
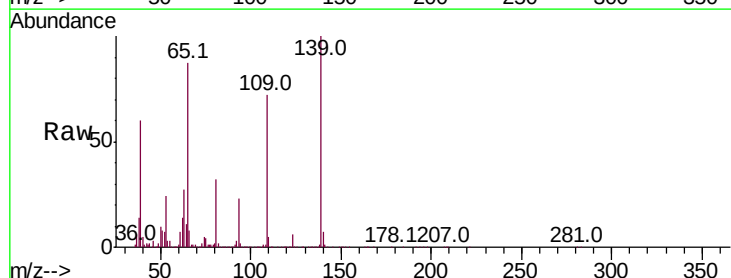
Instrument :
BNA_M
ClientSampleId :
PB116023BS

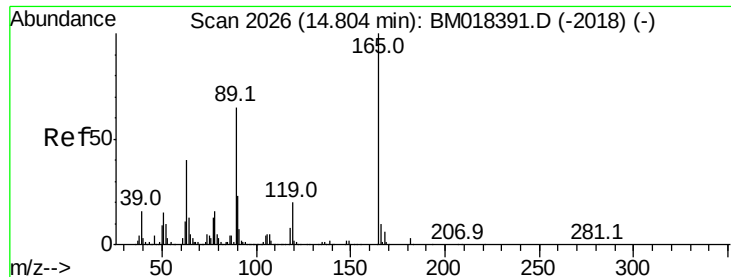
Tot Ion:168 Resp: 5300631
Ion Ratio Lower Upper
168 100
139 38.6 30.3 45.5
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 66.013 ng
RT: 14.68 min Scan# 2005
Delta R.T. 0.04 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion:139 Resp: 1398011
Ion Ratio Lower Upper
139 100
109 71.7 51.7 91.7
65 87.5 71.4 111.4

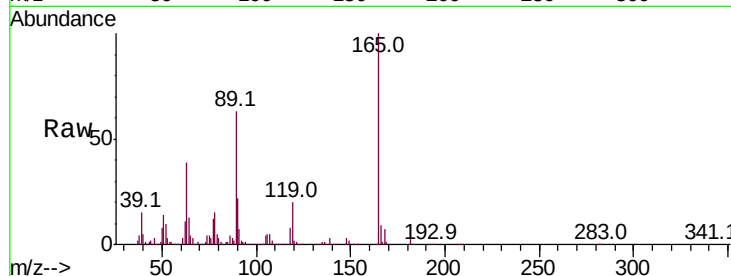




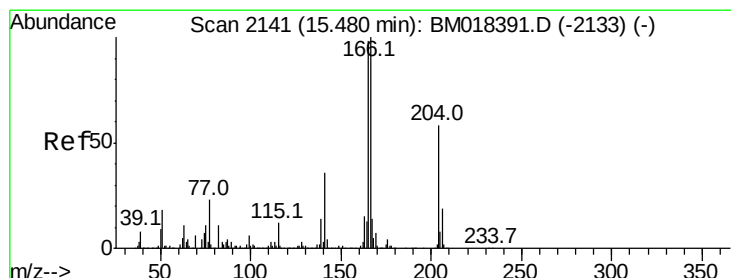
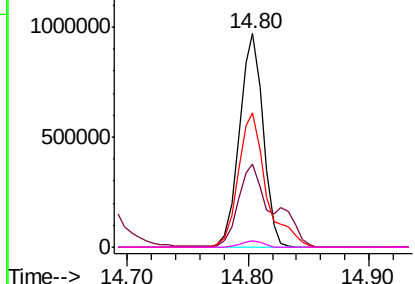
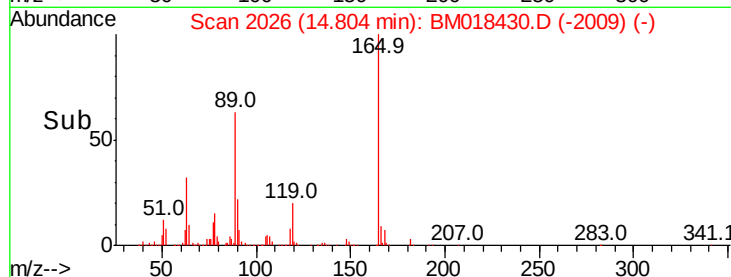
#57
2,4-Dinitrotoluene
Concen: 43.613 ng
RT: 14.80 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion:165 Resp: 1325391
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

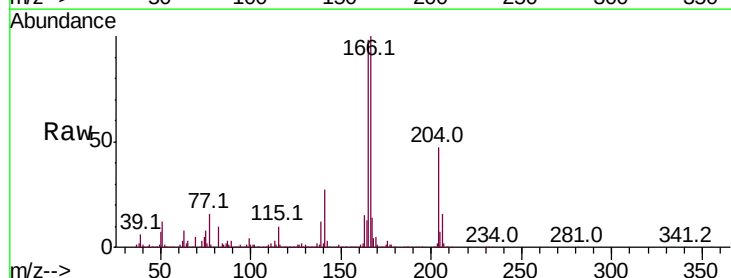


Abundance Ion 165.00 (164.70 to 165.70): E
1500000
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

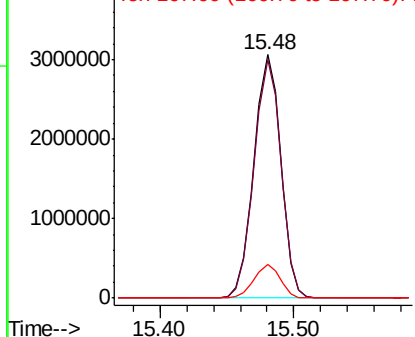
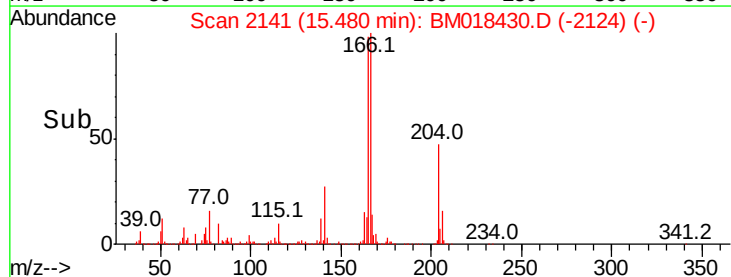


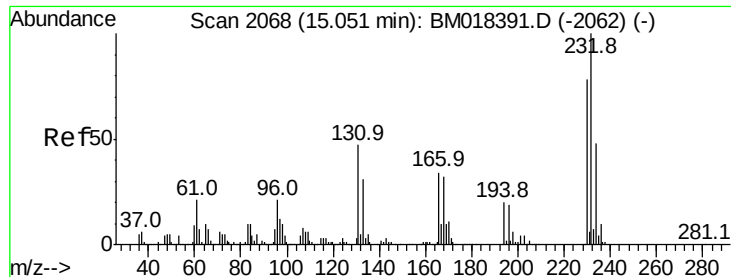
#58
Fluorene
Concen: 42.719 ng
RT: 15.48 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion:166 Resp: 4240858
Ion Ratio Lower Upper
166 100
165 97.9 78.3 117.5
167 13.6 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
4000000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 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 :

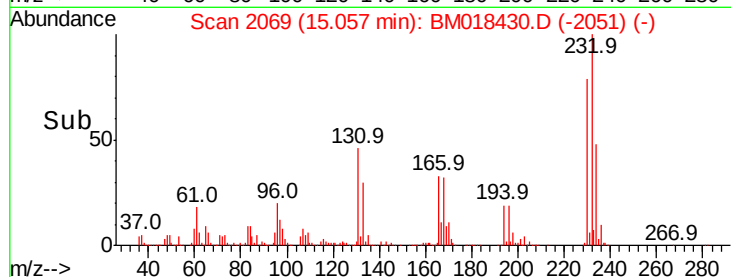
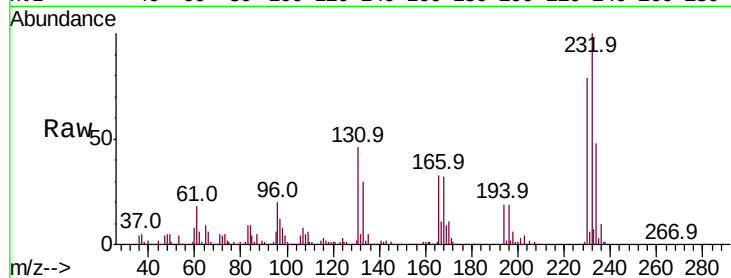
BNA_M

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

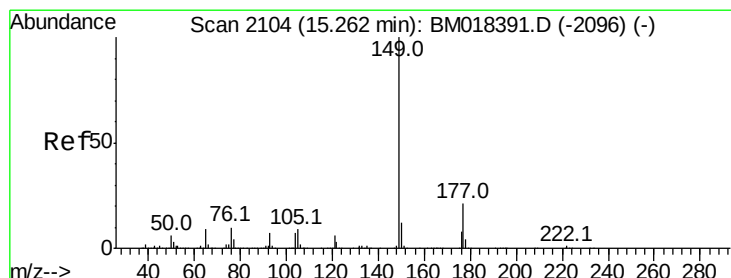


Abundance Ion 232.00 (231.70 to 232.70): E

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

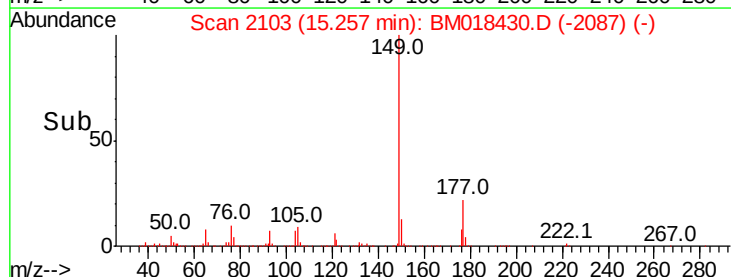
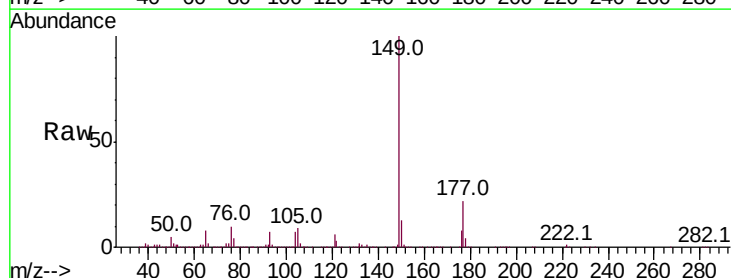
Delta R.T. -0.01 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Tgt Ion:149 Resp: 4456925

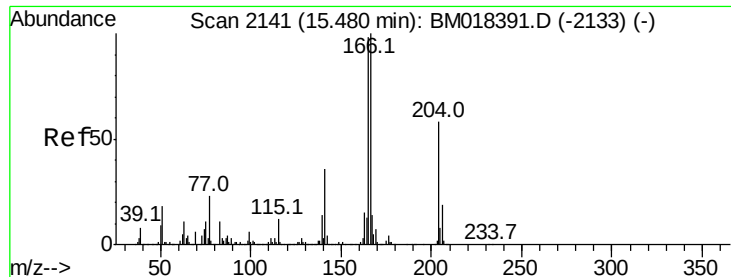
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.8	9.8	14.6



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

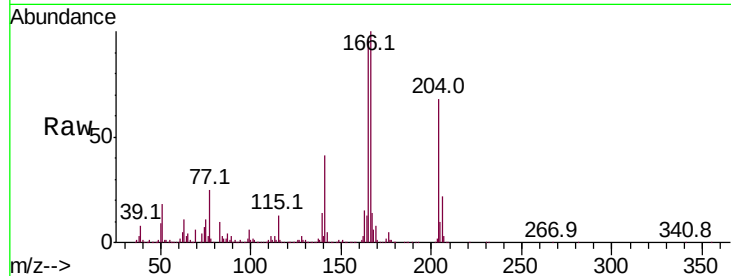
Tot Ion:204 Resp: 2151881

Ion Ratio Lower Upper

204 100

206 32.1 25.8 38.6

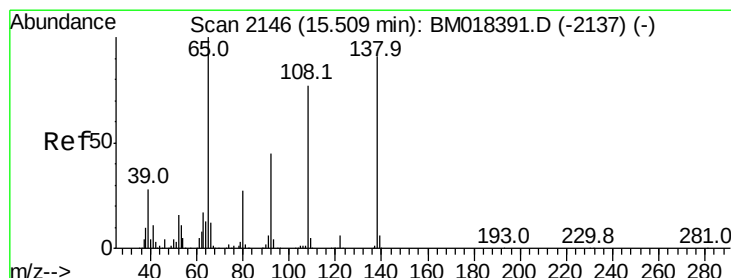
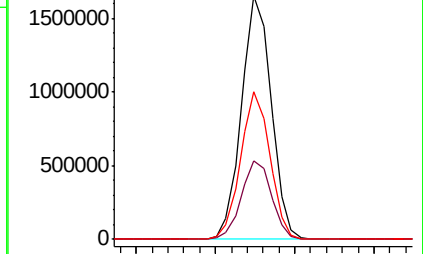
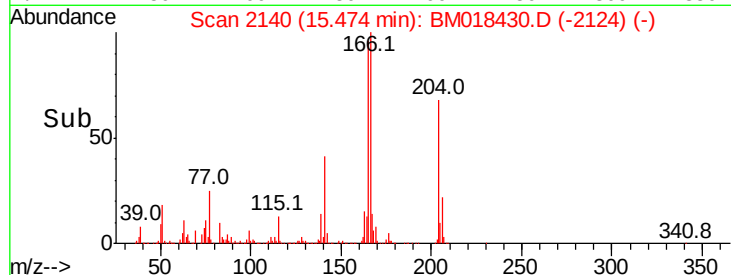
141 60.5 49.5 74.3



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 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

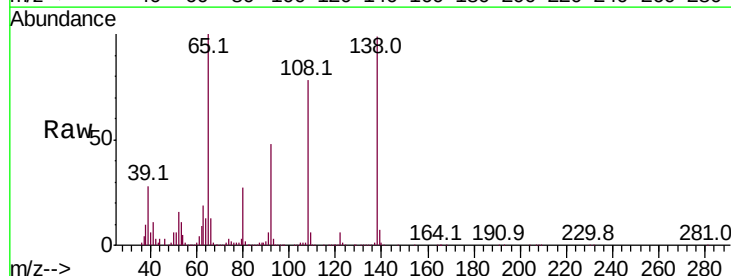
Tgt Ion:138 Resp: 903325

Ion Ratio Lower Upper

138 100

92 48.8 29.0 69.0

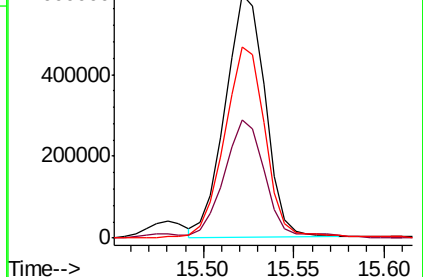
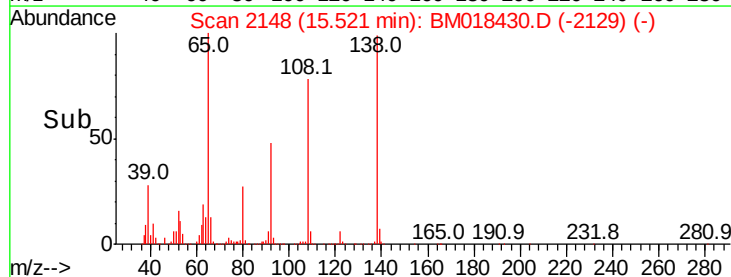
108 78.6 63.9 103.9

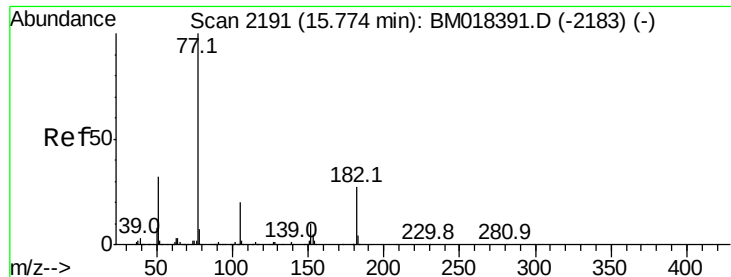


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 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 :

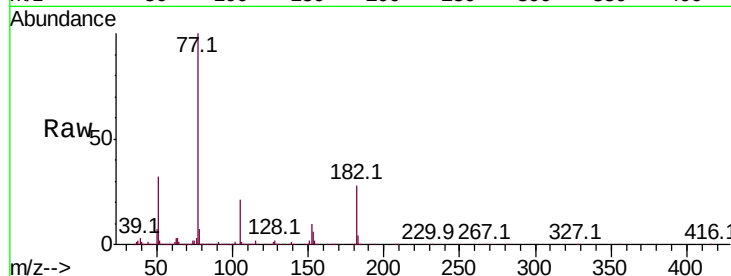
BNA_M

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

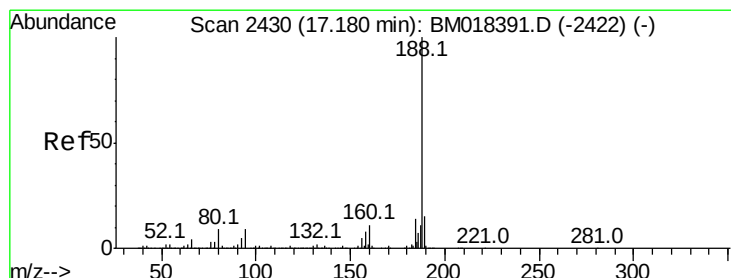
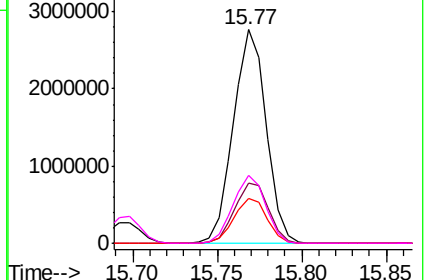
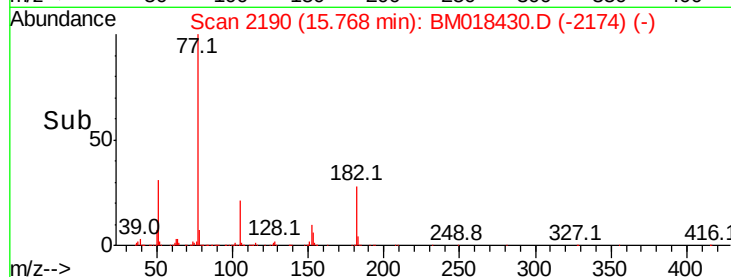


Abundance Ion 77.00 (76.70 to 77.70): BM018391.D (-2183) (-)

Ion 182.00 (181.70 to 182.70): BM018391.D (-2183) (-)

Ion 105.00 (104.70 to 105.70): BM018391.D (-2183) (-)

Ion 51.00 (50.70 to 51.70): BM018391.D (-2183) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.18 min Scan# 2430

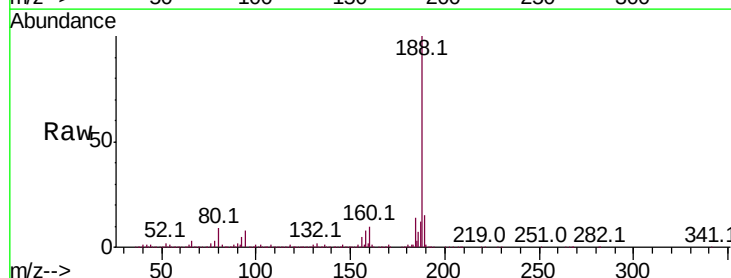
Delta R.T. 0.00 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Tgt Ion: 188 Resp: 2677464

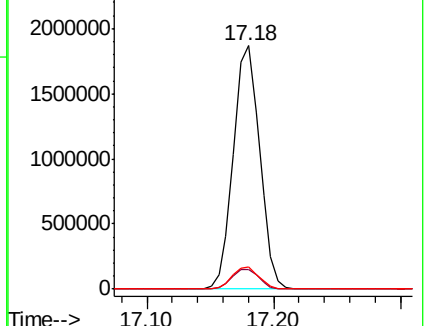
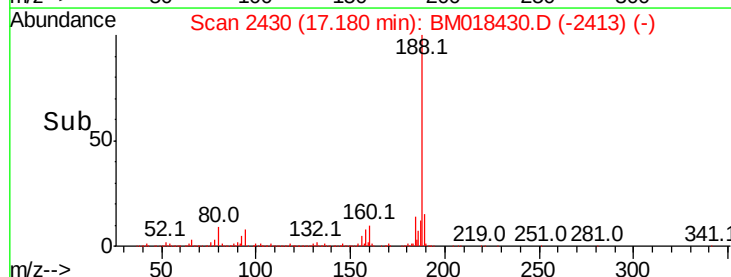
Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.1	10.7
80	9.0	7.6	11.4

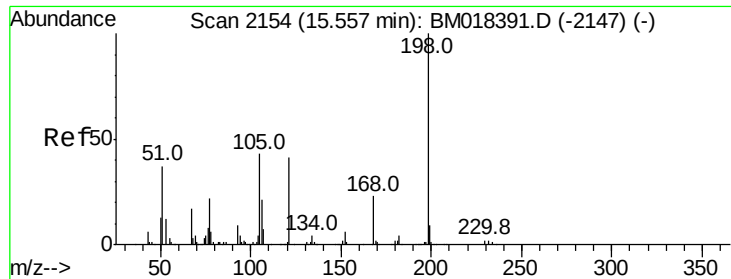


Abundance Ion 188.00 (187.70 to 188.70): BM018391.D (-2422) (-)

Ion 94.00 (93.70 to 94.70): BM018391.D (-2422) (-)

Ion 80.00 (79.70 to 80.70): BM018391.D (-2422) (-)

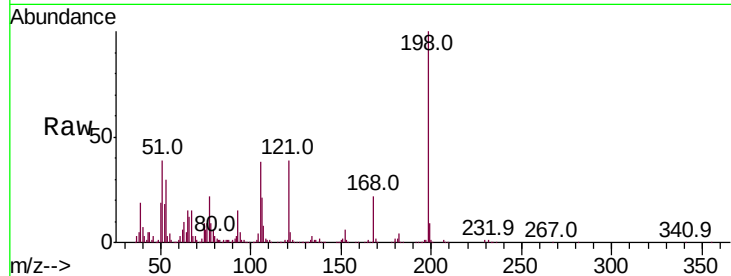




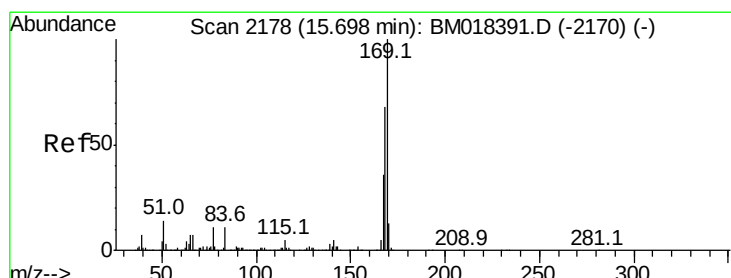
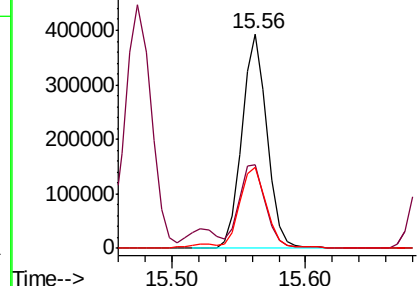
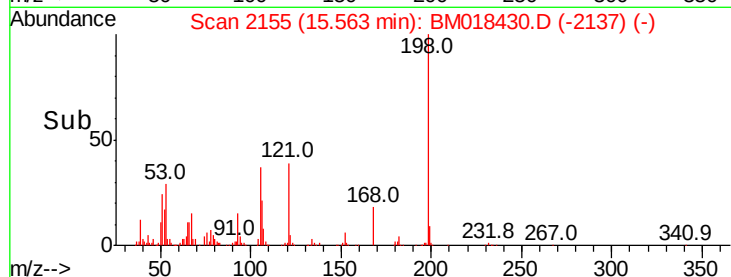
#65
4,6-Dinitro-2-methylphenol
Concen: 45.879 ng
RT: 15.56 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

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

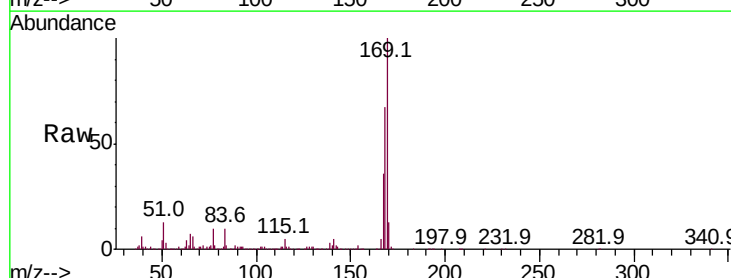


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E

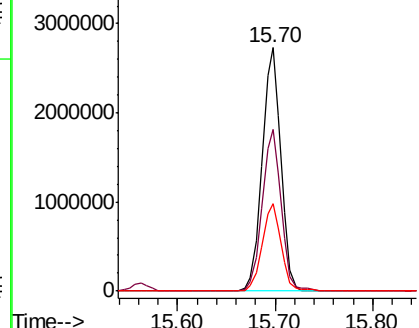
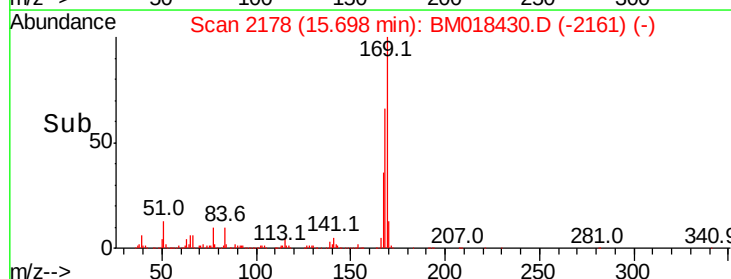


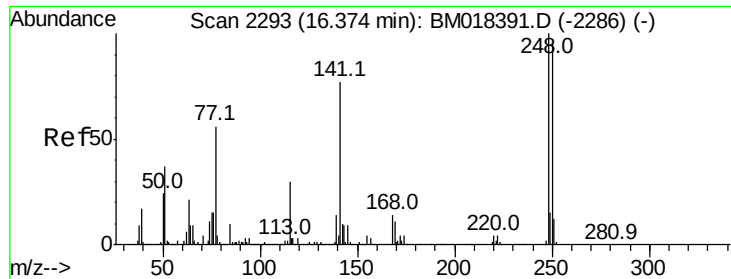
#66
n-Nitrosodiphenylamine
Concen: 44.217 ng
RT: 15.70 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

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



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

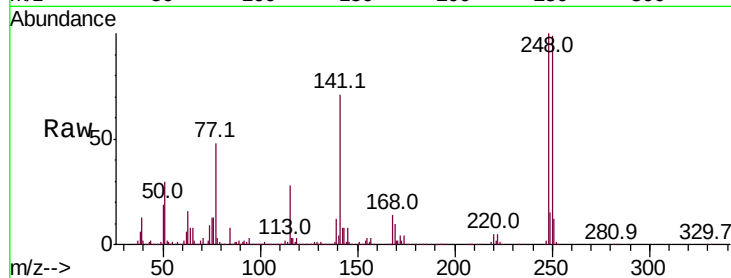




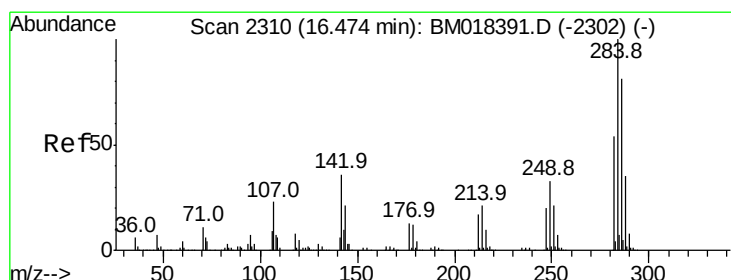
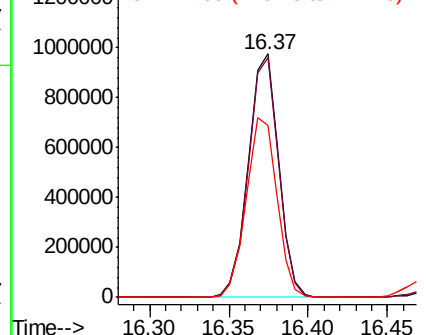
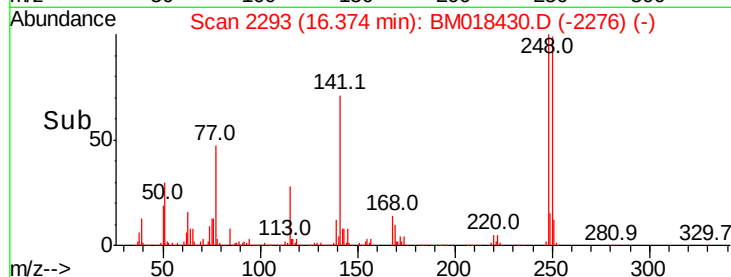
#67
4-Bromophenyl-phenylether
Concen: 44.416 ng
RT: 16.37 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion:248 Resp: 1295033
Ion Ratio Lower Upper
248 100
250 98.6 76.0 114.0
141 70.6 61.5 92.3

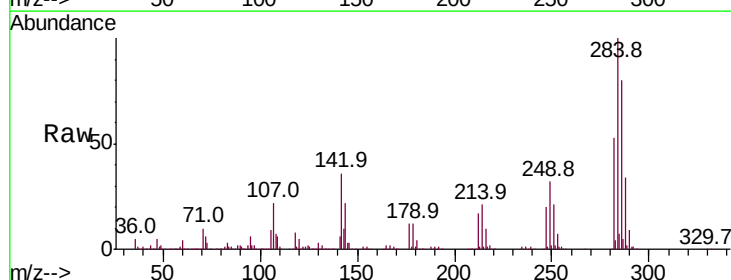


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

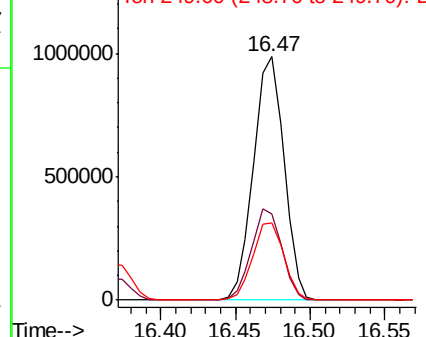
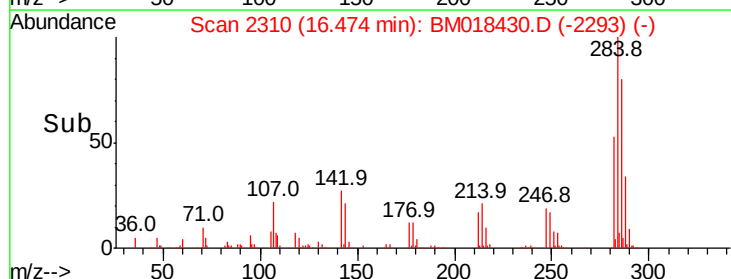


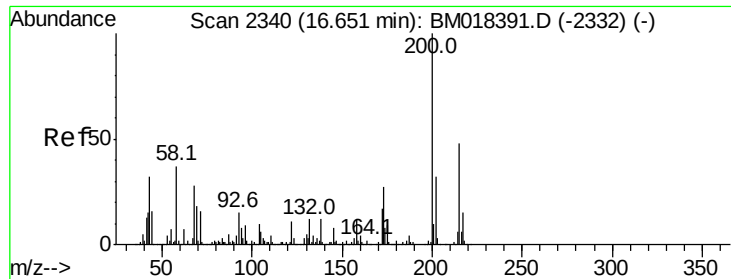
#68
Hexachlorobenzene
Concen: 42.265 ng
RT: 16.47 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

Tgt Ion:284 Resp: 1395923
Ion Ratio Lower Upper
284 100
142 35.7 29.2 43.8
249 31.7 26.1 39.1



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



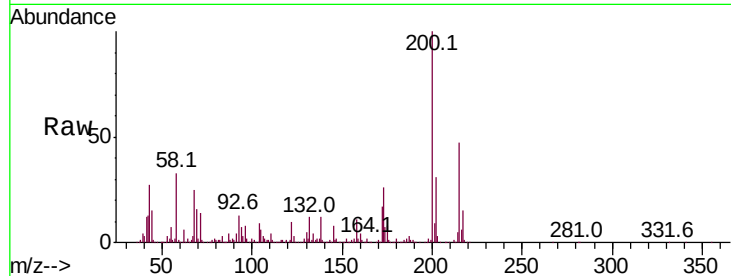


#69
 Atrazine
 Concen: 37.770 ng
 RT: 16.66 min Scan# 2341
 Delta R.T. 0.01 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

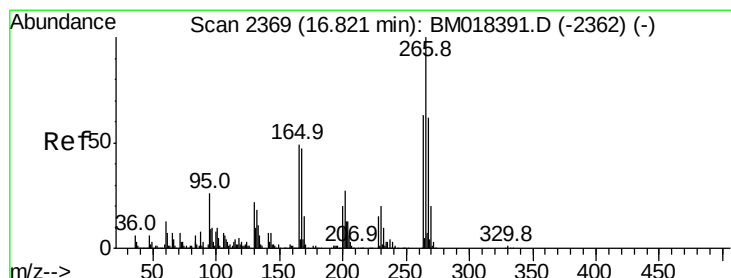
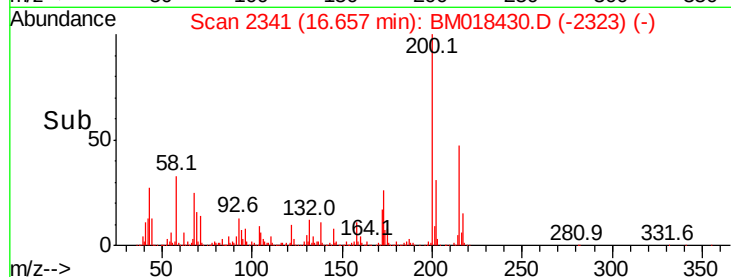
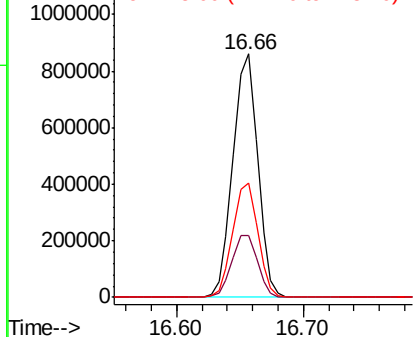
Instrument :
 BNA_M
 ClientSampleId :
 PB116023BS

Tot Ion:200 Resp: 1168355

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



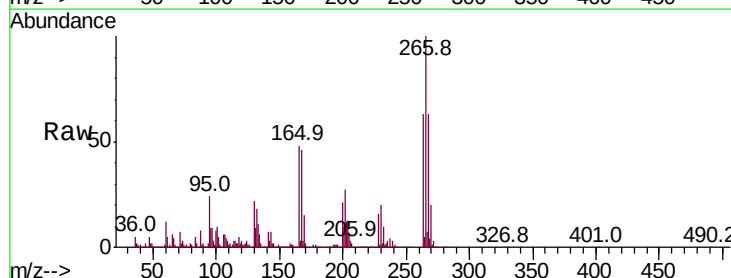
Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E



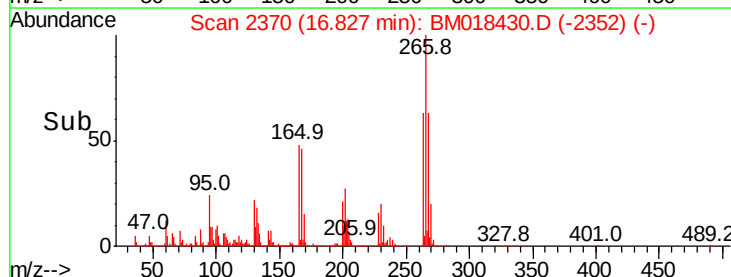
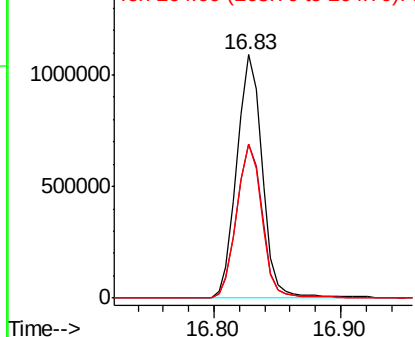
#70
 Pentachlorophenol
 Concen: 78.931 ng
 RT: 16.83 min Scan# 2370
 Delta R.T. 0.01 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

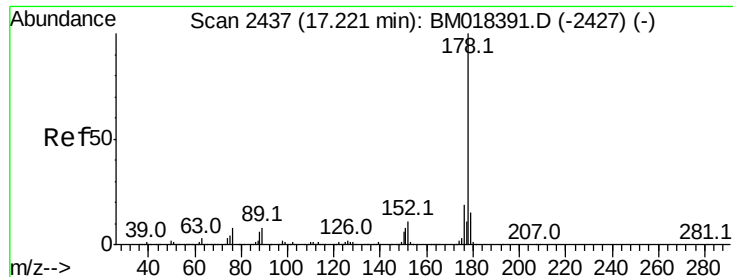
Tgt Ion:266 Resp: 1520105

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

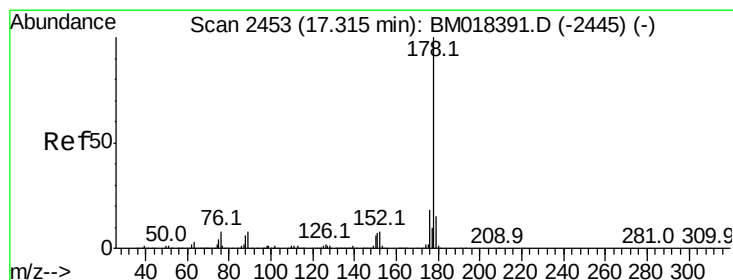
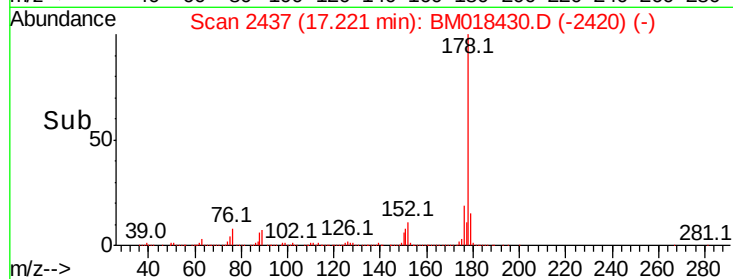
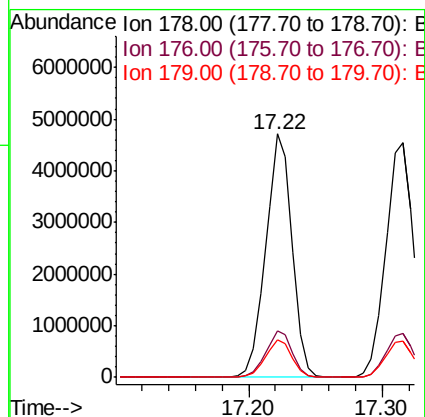
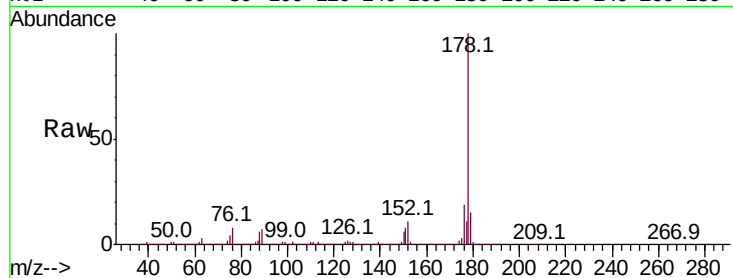




#71
Phenanthrene
Concen: 45.063 ng
RT: 17.22 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

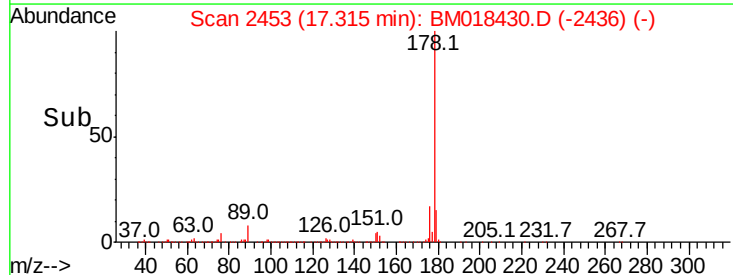
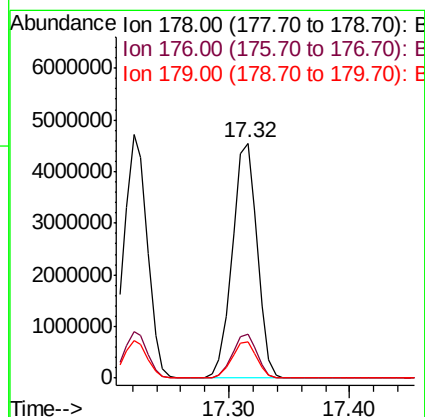
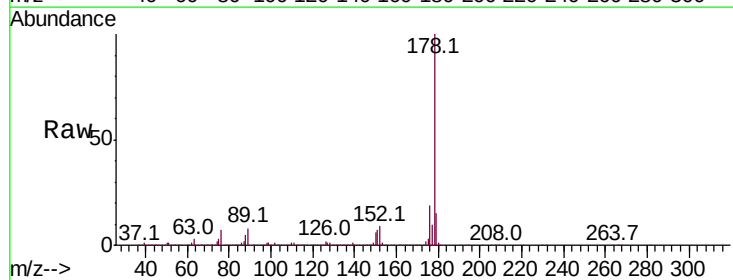
Instrument :
BNA_M
ClientSampleId :
PB116023BS

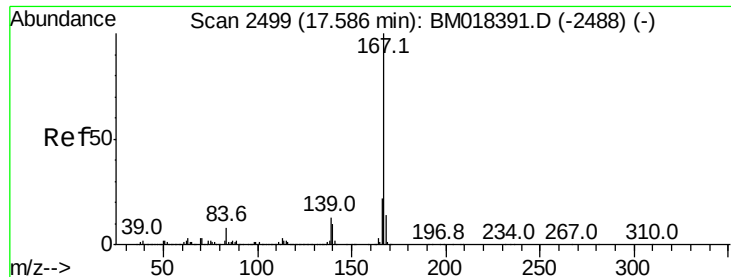
Tot Ion:178 Resp: 6386908
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.3 12.2 18.4



#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:178 Resp: 6505191
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.5 12.2 18.4

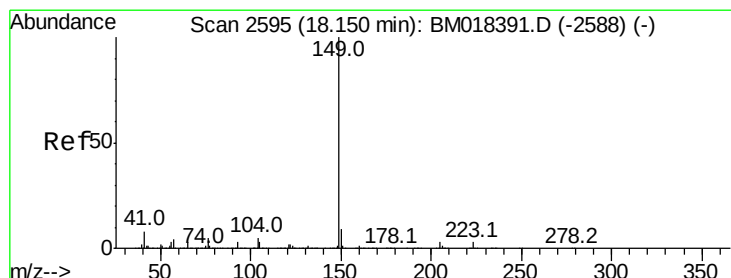
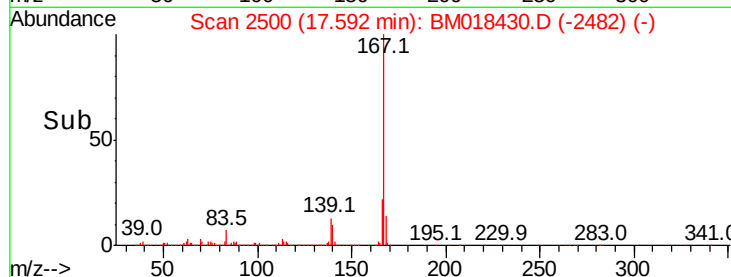
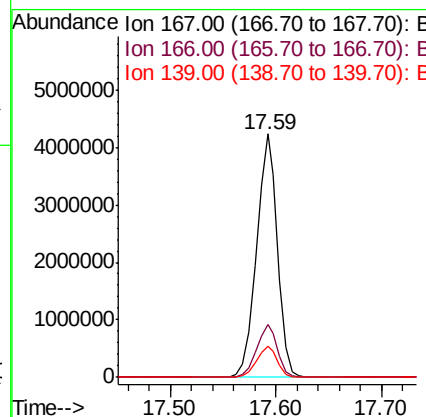
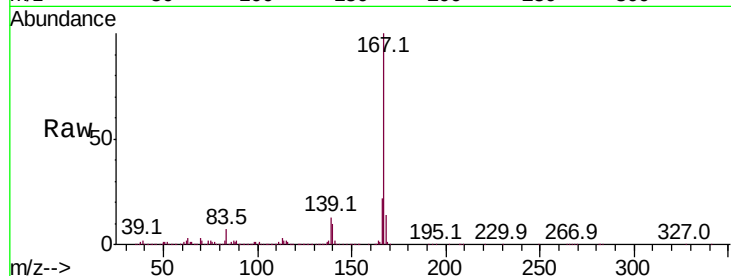




#73
 Carbazole
 Concen: 39.249 ng
 RT: 17.59 min Scan# 2500
 Delta R.T. 0.01 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

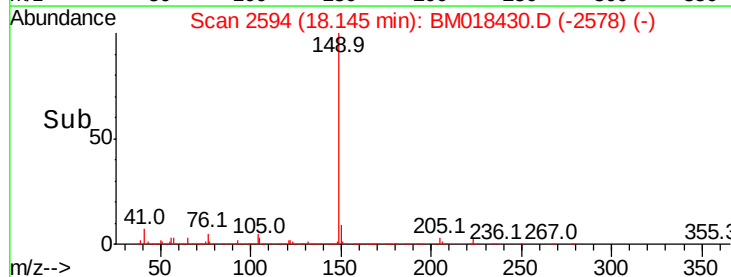
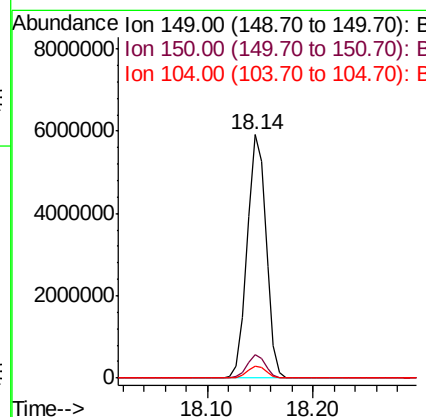
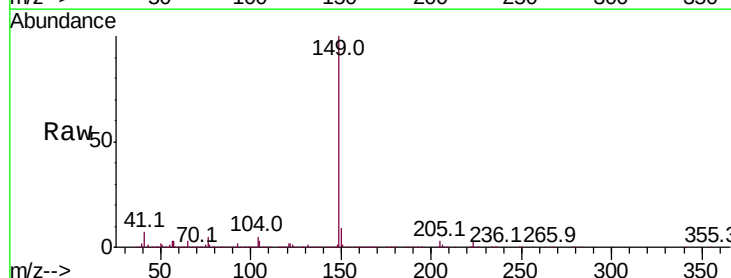
Instrument :
 BNA_M
 ClientSampleId :
 PB116023BS

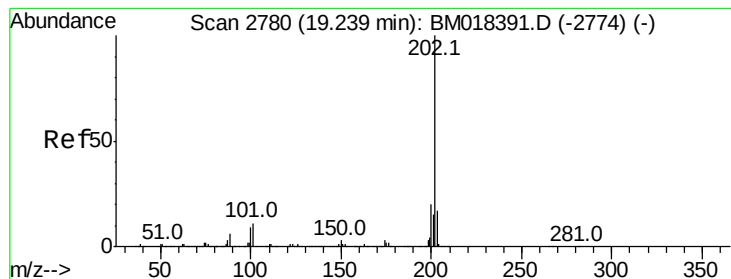
Tot Ion:167 Resp: 5819948
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.0 10.6 16.0



#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:149 Resp: 7270053
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.1 4.2 6.4

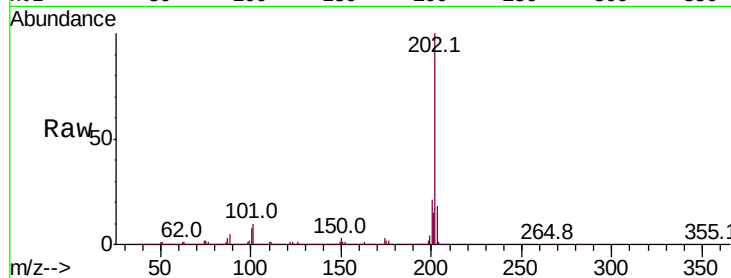




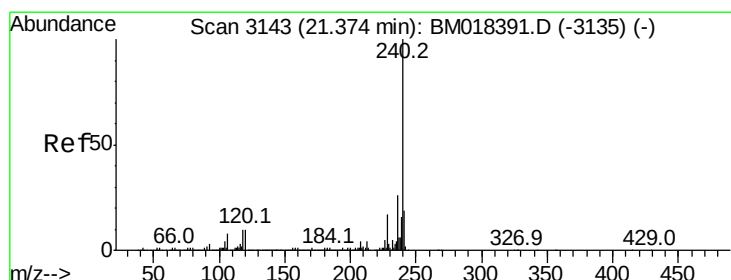
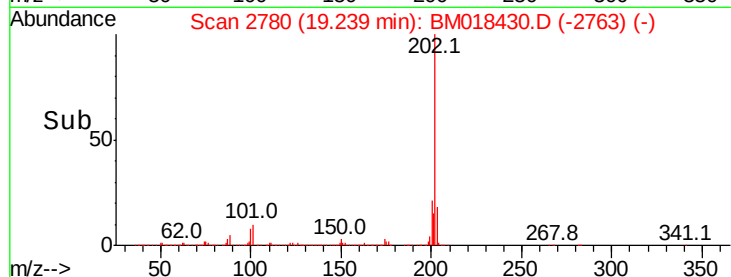
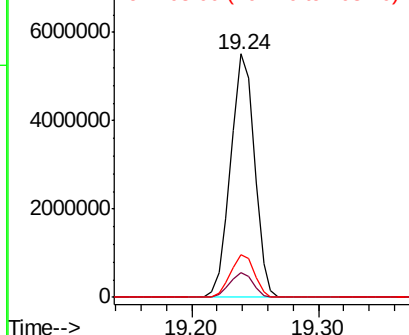
#75
 Fluoranthene
 Concen: 42.539 ng
 RT: 19.24 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

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

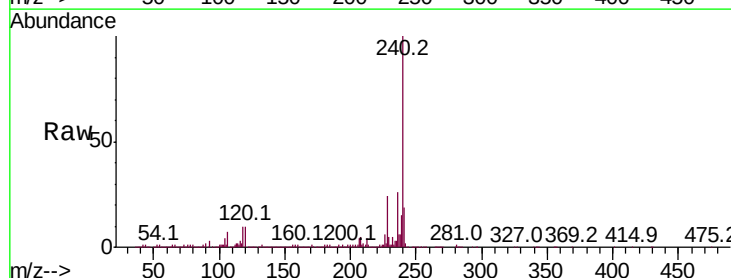


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

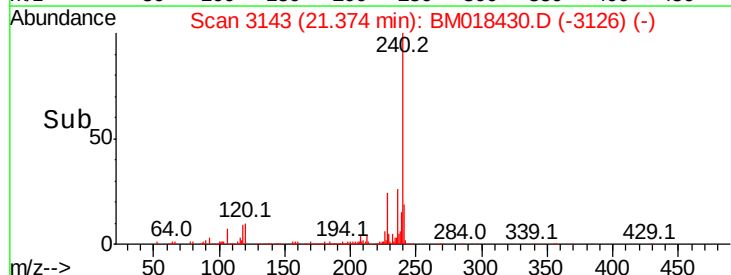
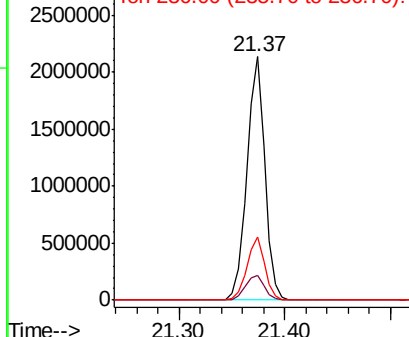


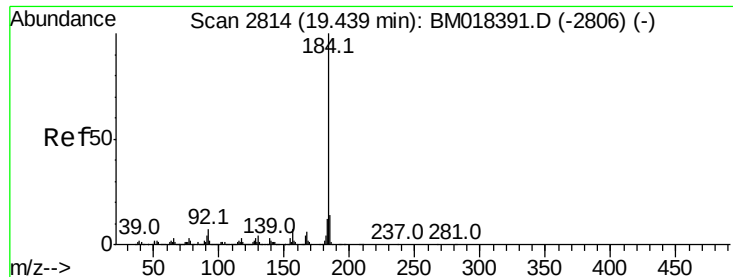
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.37 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BM018430.D
 Acq: 28 Dec 2018 12:19

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: 34.384 ng

RT: 19.44 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BM018430.D

Acq: 28 Dec 2018 12:19

Instrument :

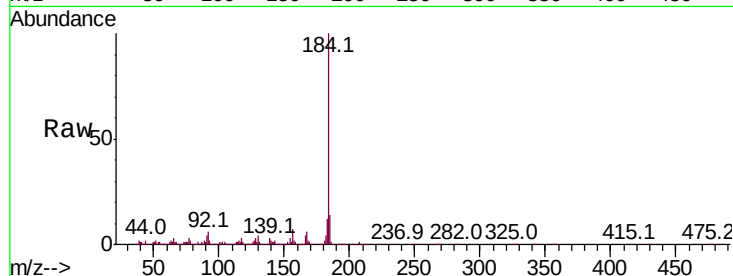
BNA_M

ClientSampleId :

PB116023BS

Tot Ion:184 Resp: 2459265

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

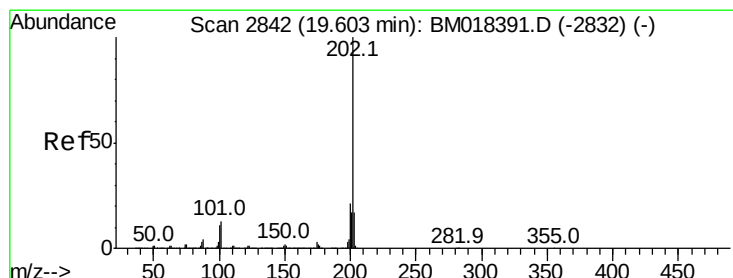
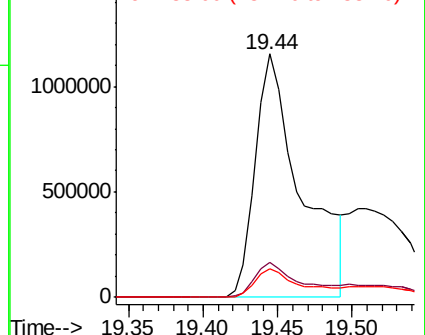
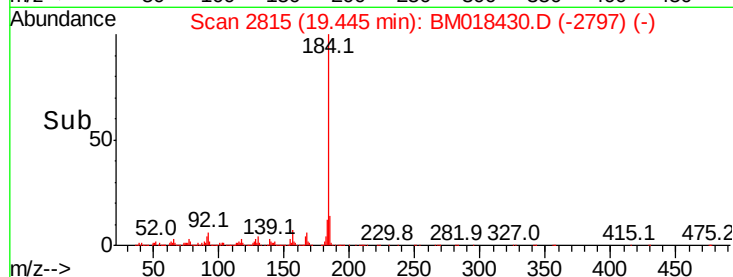


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.498 ng

RT: 19.60 min Scan# 2842

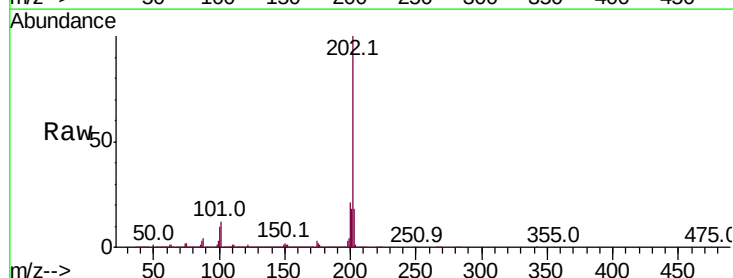
Delta R.T. 0.00 min

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

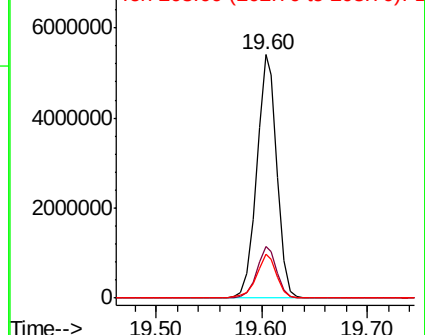
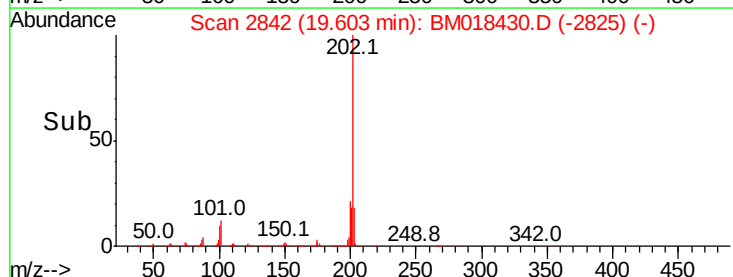


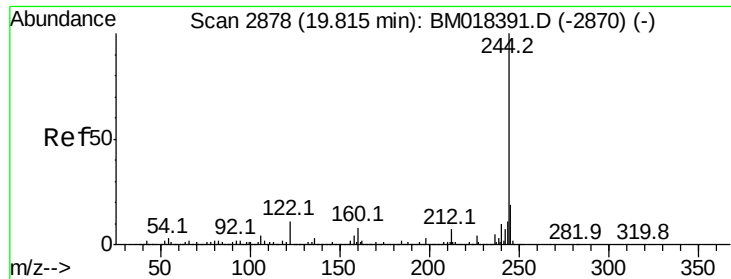
Abundance

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

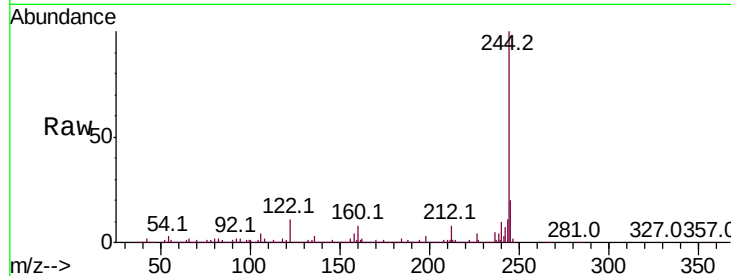
Tot Ion:244 Resp: 9030688

Ion Ratio Lower Upper

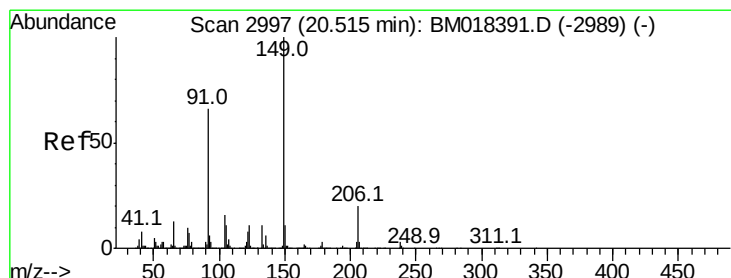
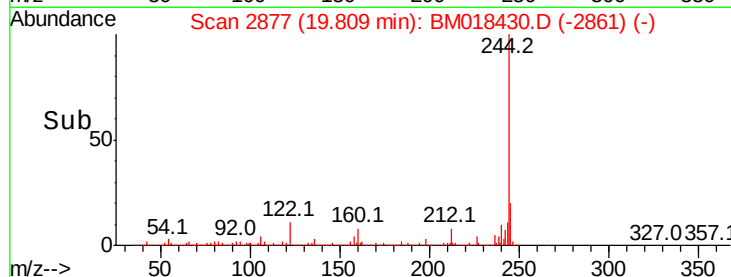
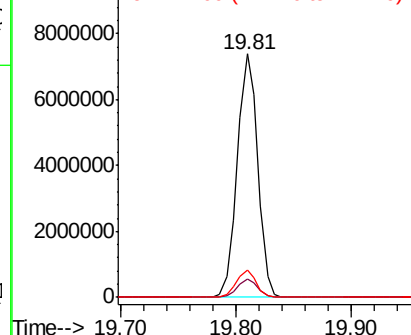
244 100

212 7.7 5.9 8.9

122 11.0 9.0 13.4



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

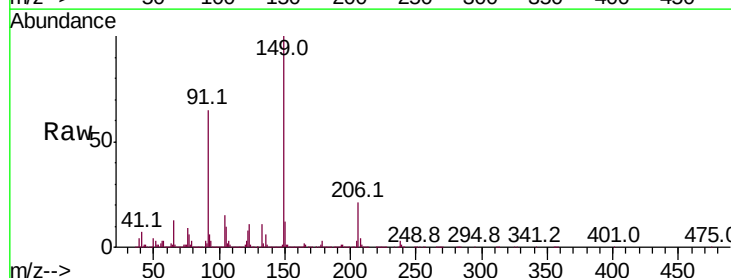
Tgt Ion:149 Resp: 3203622

Ion Ratio Lower Upper

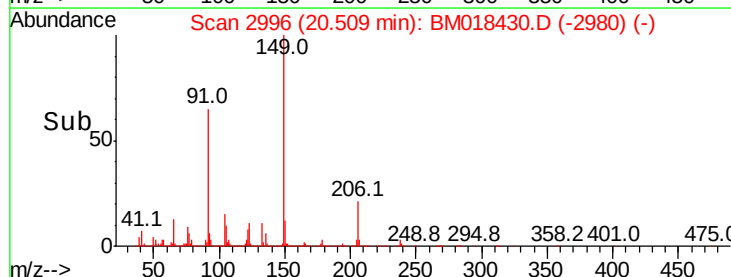
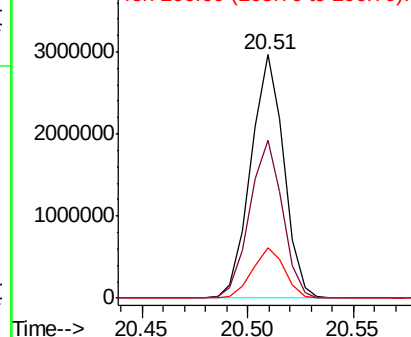
149 100

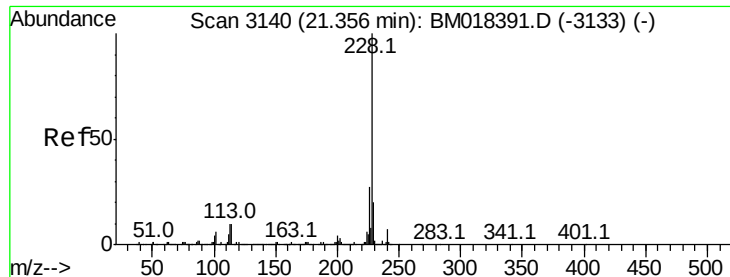
91 64.6 53.1 79.7

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): BM0
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

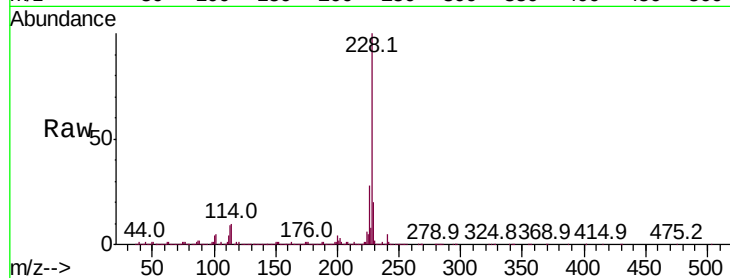
Tot Ion:228 Resp: 6834978

Ion Ratio Lower Upper

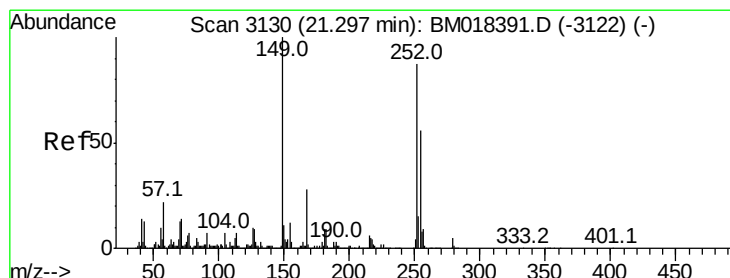
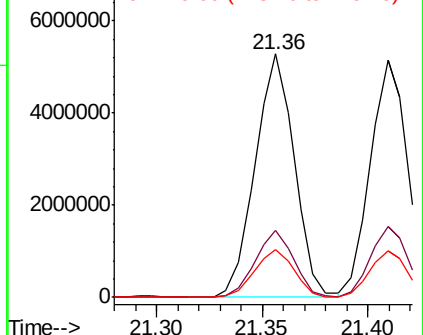
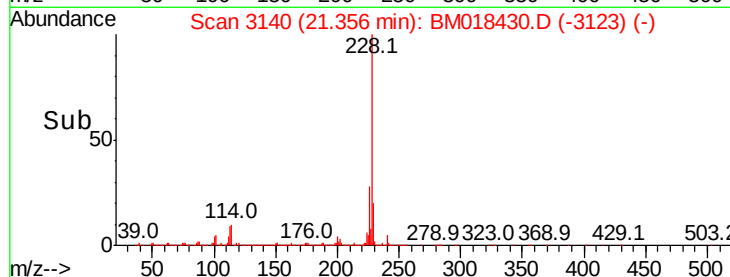
228 100

226 27.5 21.8 32.6

229 19.9 15.8 23.8



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

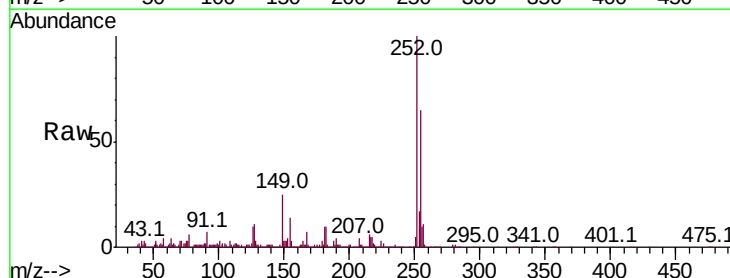
Tgt Ion:252 Resp: 2254893

Ion Ratio Lower Upper

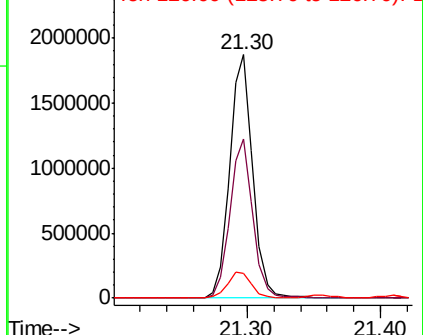
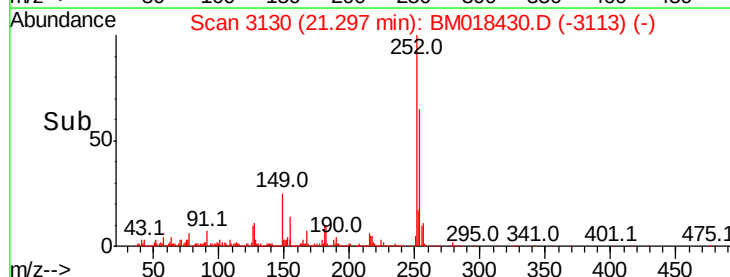
252 100

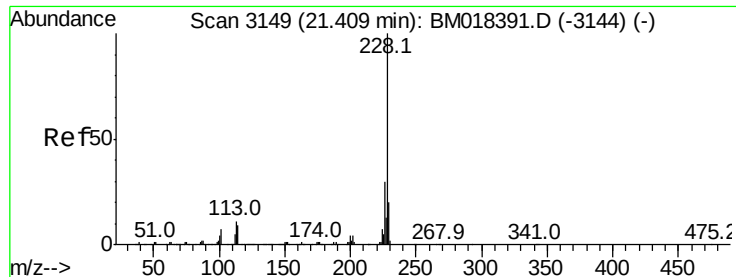
254 65.3 51.4 77.0

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 :

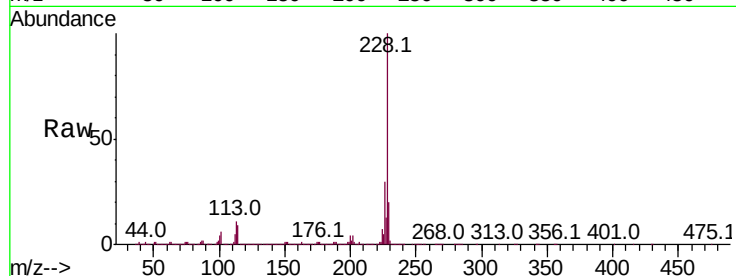
BNA_M

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

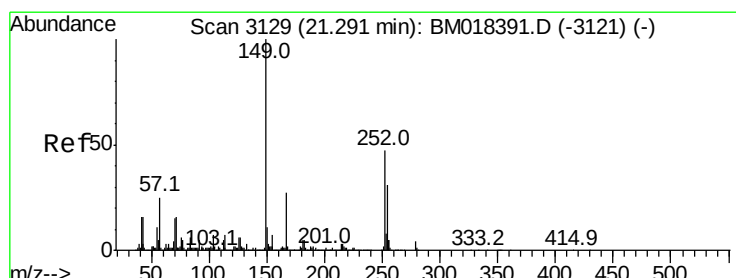
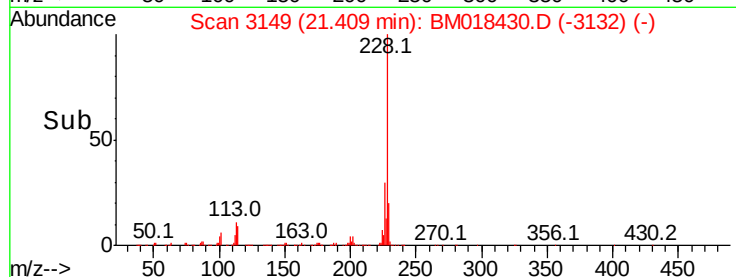
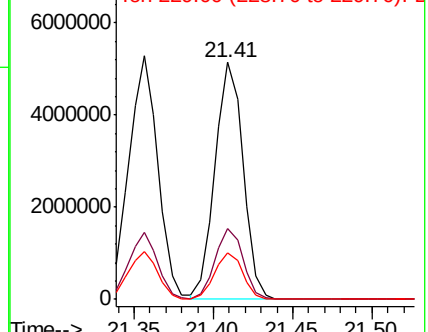


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.978 ng

RT: 21.29 min Scan# 3128

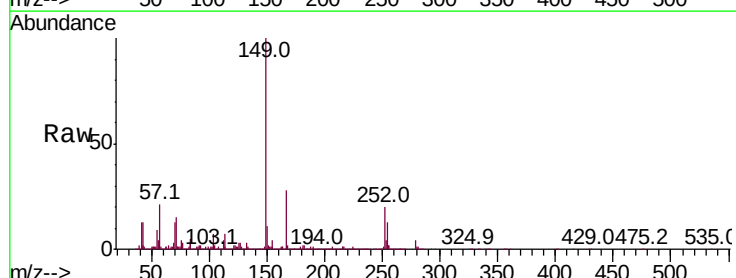
Delta R.T. -0.01 min

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

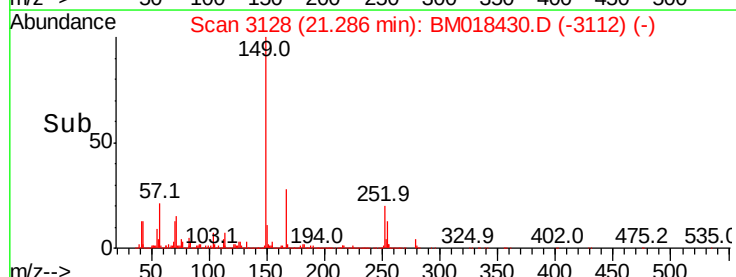
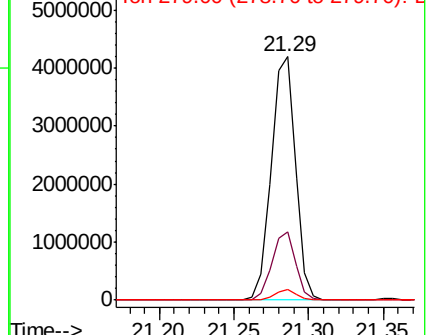


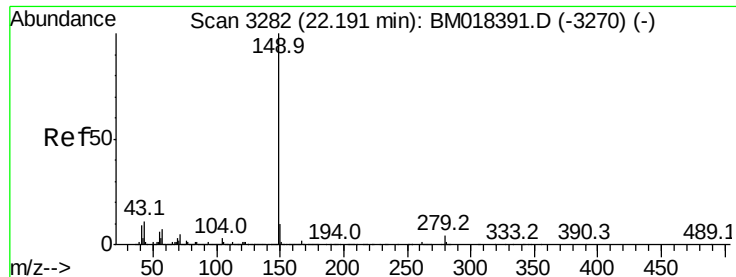
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

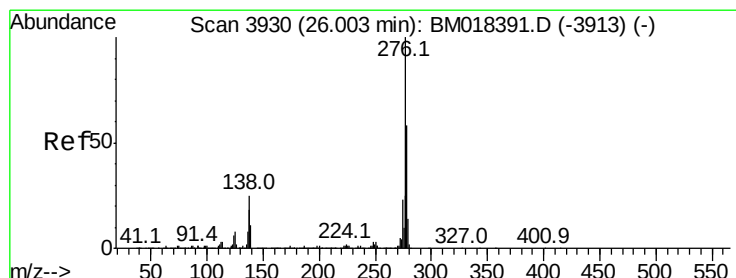
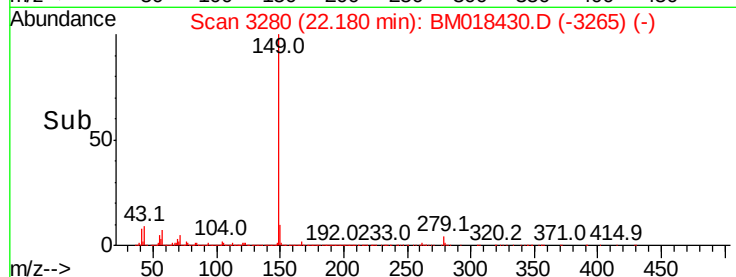
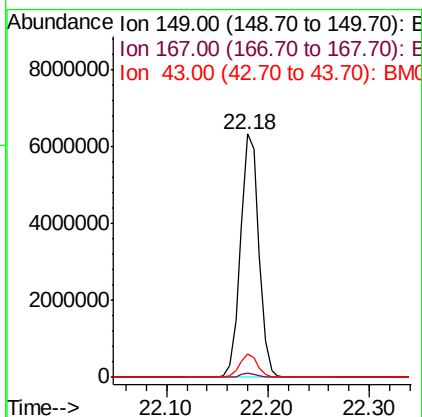
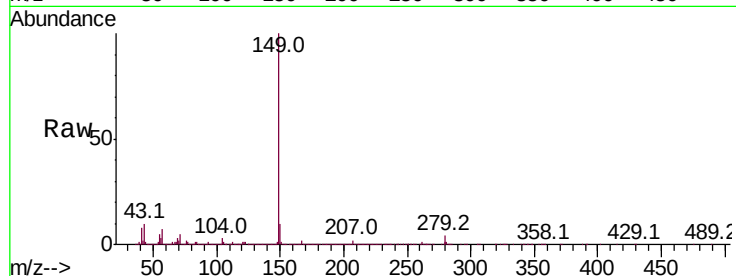




#85
Di-n-octyl phthalate
Concen: 48.921 ng
RT: 22.18 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

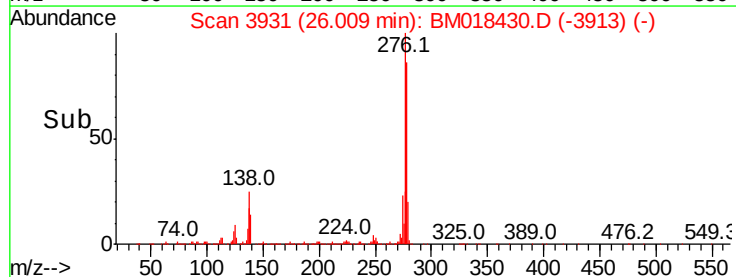
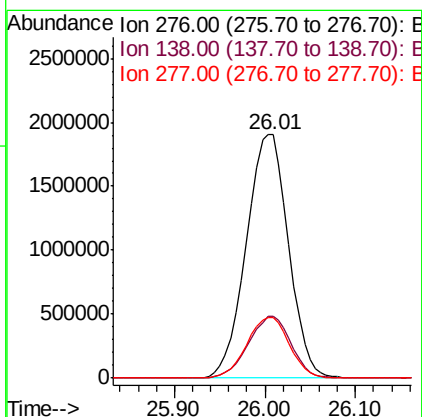
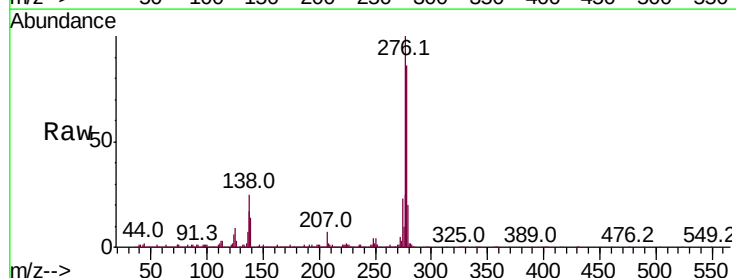
Instrument :
BNA_M
ClientSampleId :
PB116023BS

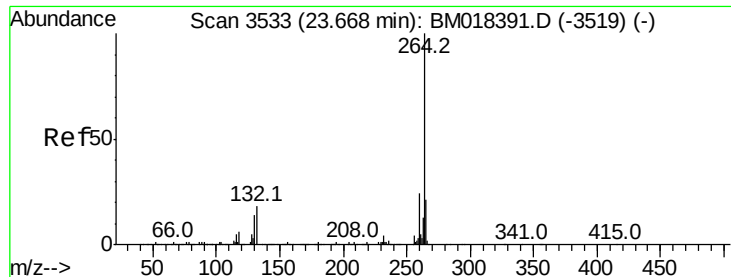
Tot Ion:149 Resp: 7917362
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 8.6 12.8



#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:276 Resp: 6168051
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

ClientSampleId :

PB116023BS

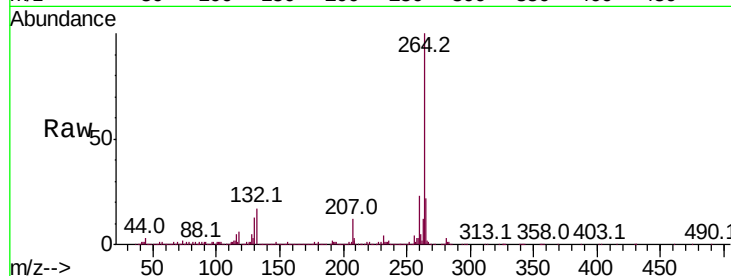
Tot Ion:264 Resp: 2033892

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

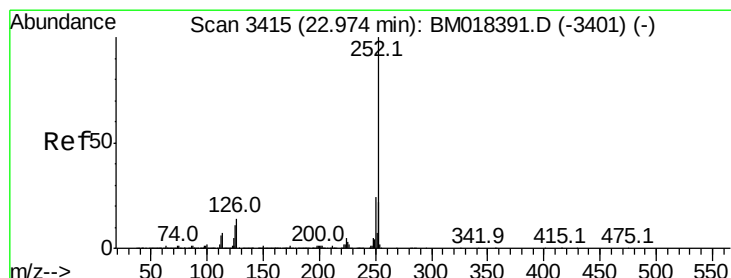
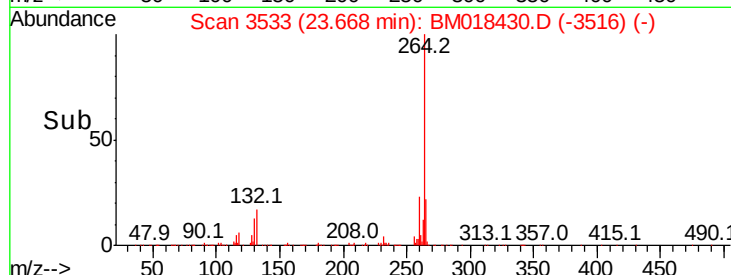
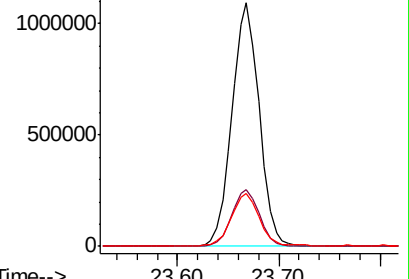
265 21.9 16.8 25.2



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

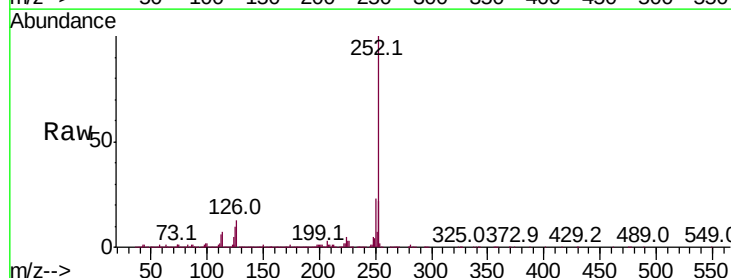
Tgt Ion:252 Resp: 6216252

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

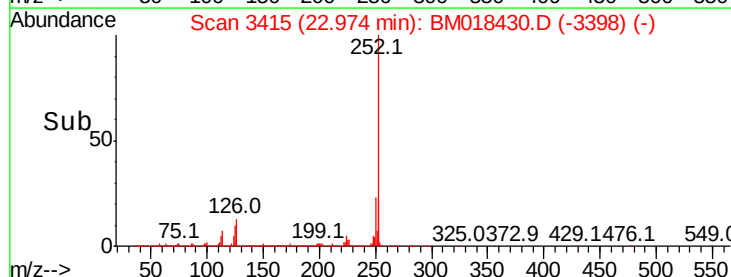
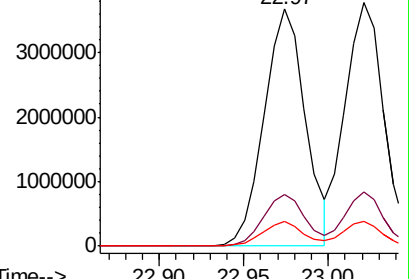
125 10.2 8.5 12.7

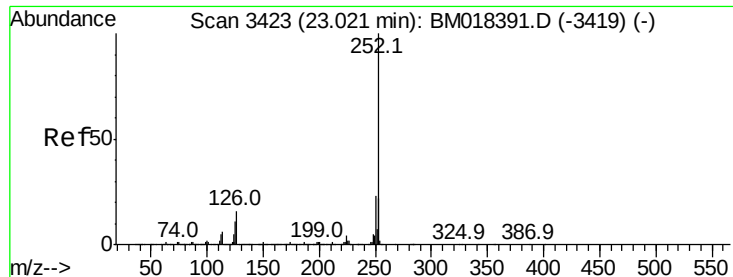


Abundance Ion 252.00 (251.70 to 252.70): E

5000000 Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

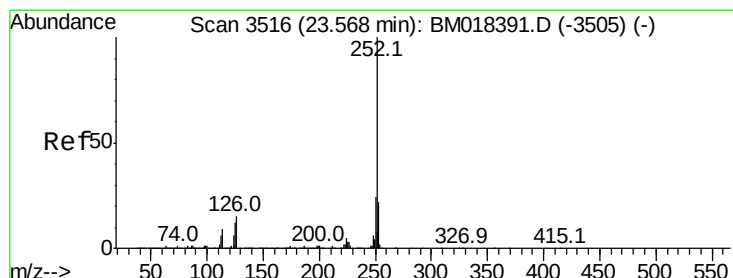
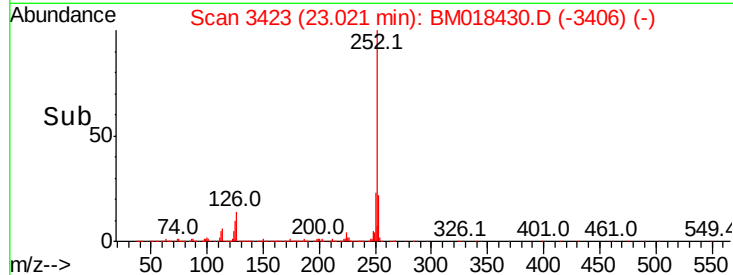
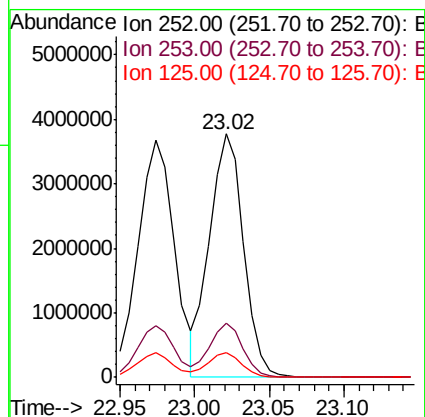
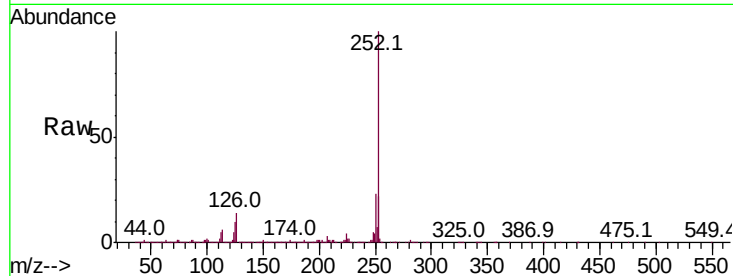




#89
Benzo(k)fluoranthene
Concen: 52.888 ng
RT: 23.02 min Scan# 3423
Delta R.T. 0.00 min
Lab File: BM018430.D
Acq: 28 Dec 2018 12:19

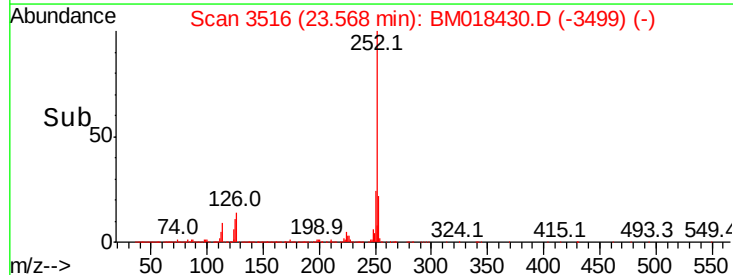
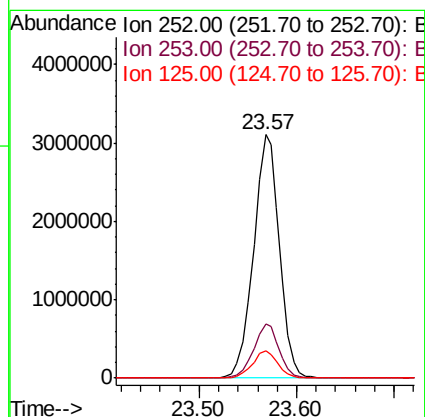
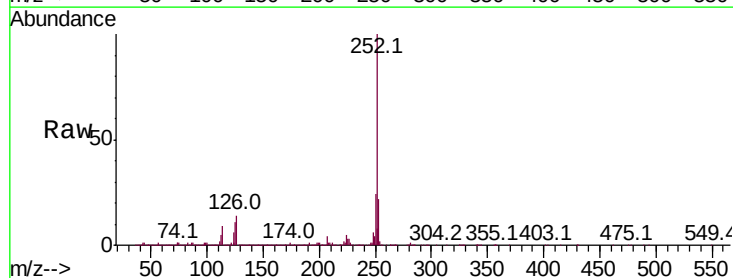
Instrument :
BNA_M
ClientSampleId :
PB116023BS

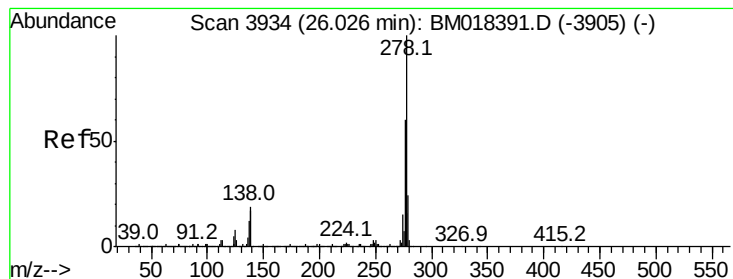
Tot Ion:252 Resp: 6000860
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.0 8.6 12.8



#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 :

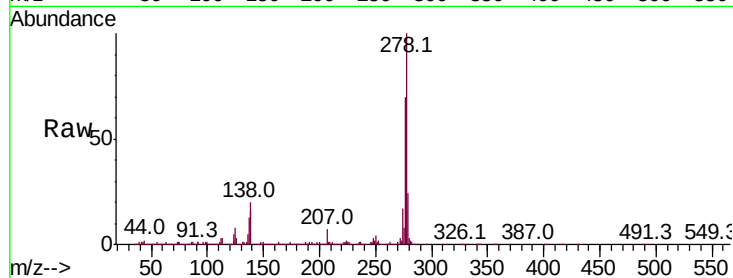
BNA_M

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

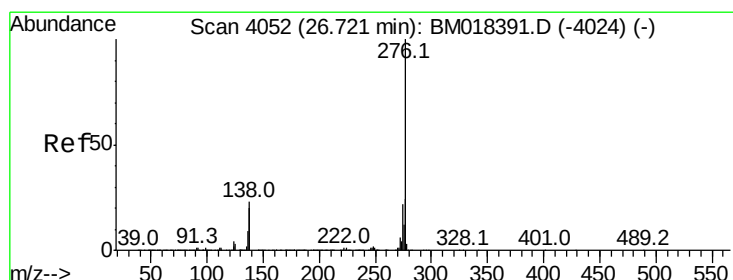
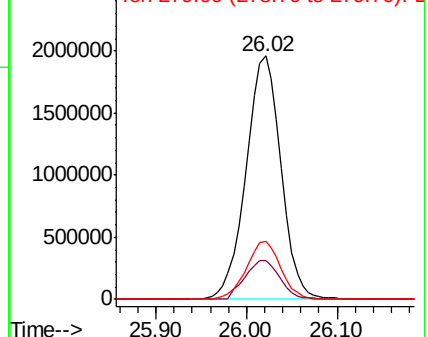
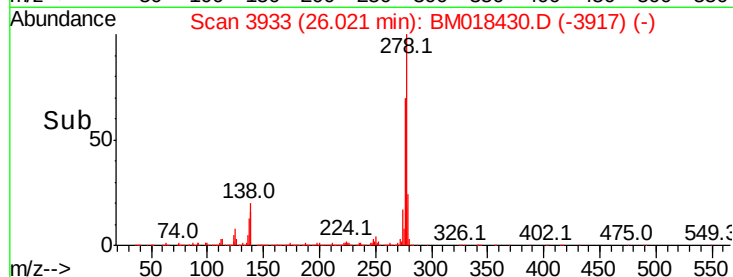


Abundance

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

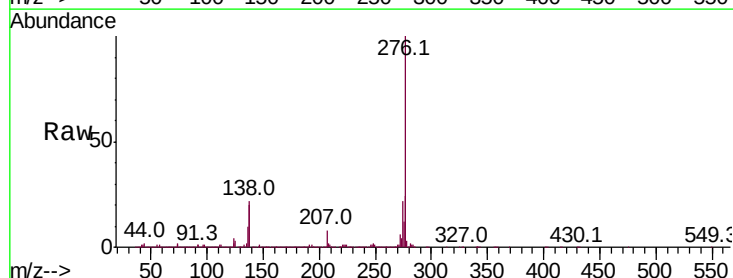
Delta R.T. 0.00 min

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

