

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018486.D
 Acq On : 09 Jan 2019 23:06
 Operator : JU/SJ
 Sample : K1071-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-15(20-25)MSD

Quant Time: Jan 10 05:40:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 12:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	542962	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	2287466	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	1332161	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2914043	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2196611	20.00	ng	0.00
87) Perylene-d12	23.64	264	2220364	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	3436265	116.86	ng	0.00
7) Phenol-d6	6.95	99	4512096	120.81	ng	0.01
23) Nitrobenzene-d5	8.93	82	2839915	71.97	ng	0.01
42) 2,4,6-Tribromophenol	15.91	330	1995375	117.64	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	6776987	66.38	ng	0.00
79) Terphenyl-d14	19.79	244	8138917	78.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	283050	23.618	ng	96
3) Pyridine	3.69	79	790682	26.462	ng	98
4) n-Nitrosodimethylamine	3.60	42	467058	37.801	ng	# 95
6) Aniline	7.12	93	203239	4.878	ng	97
8) 2-Chlorophenol	7.33	128	1368099	39.837	ng	95
9) Benzaldehyde	6.92	77	430685	17.158	ng	97
10) Phenol	6.97	94	1672039	44.057	ng	98
11) bis(2-Chloroethyl)ether	7.20	93	1364649	45.762	ng	87
12) 1,3-Dichlorobenzene	7.65	146	1411026	34.500	ng	98
13) 1,4-Dichlorobenzene	7.80	146	1450342	34.987	ng	98
14) 1,2-Dichlorobenzene	8.11	146	1412858	35.945	ng	99
15) Benzyl Alcohol	8.01	79	970698	35.985	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.28	45	1336117	35.060	ng	95
17) 2-Methylphenol	8.22	107	1072834	41.645	ng	99
18) Hexachloroethane	8.83	117	339509	22.971	ng	95
19) n-Nitroso-di-n-propylamine	8.57	70	888561	36.559	ng	92
20) 3+4-Methylphenols	8.54	107	1486284	41.793	ng	99
22) Acetophenone	8.59	105	1878504	33.197	ng	# 97
24) Nitrobenzene	8.97	77	1372870	35.361	ng	98
25) Isophorone	9.49	82	2455812	41.100	ng	98
26) 2-Nitrophenol	9.68	139	746556	39.767	ng	94
27) 2,4-Dimethylphenol	9.74	122	1225896	43.566	ng	97
28) bis(2-Chloroethoxy)methane	9.97	93	1497228	36.272	ng	99
29) 2,4-Dichlorophenol	10.22	162	1352969	40.379	ng	97
30) 1,2,4-Trichlorobenzene	10.42	180	1453925	34.959	ng	100
31) Naphthalene	10.61	128	4232930	38.424	ng	99
32) Benzoic acid	9.89	122	461	6.523	ng	# 69
33) 4-Chloroaniline	10.75	127	980645	22.603	ng	98
34) Hexachlorobutadiene	10.87	225	858793	32.686	ng	98
35) Caprolactam	11.54	113	367071	32.222	ng	90
36) 4-Chloro-3-methylphenol	11.86	107	1394986	39.684	ng	100
37) 2-Methylnaphthalene	12.22	142	3157942	40.572	ng	99
38) 1-Methylnaphthalene	12.45	142	2987439	39.668	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1650222	35.424	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018486.D
 Acq On : 09 Jan 2019 23:06
 Operator : JU/SJ
 Sample : K1071-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-15(20-25)MSD

Quant Time: Jan 10 05:40:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 12:39:07 2019
 Response via : Initial Calibration

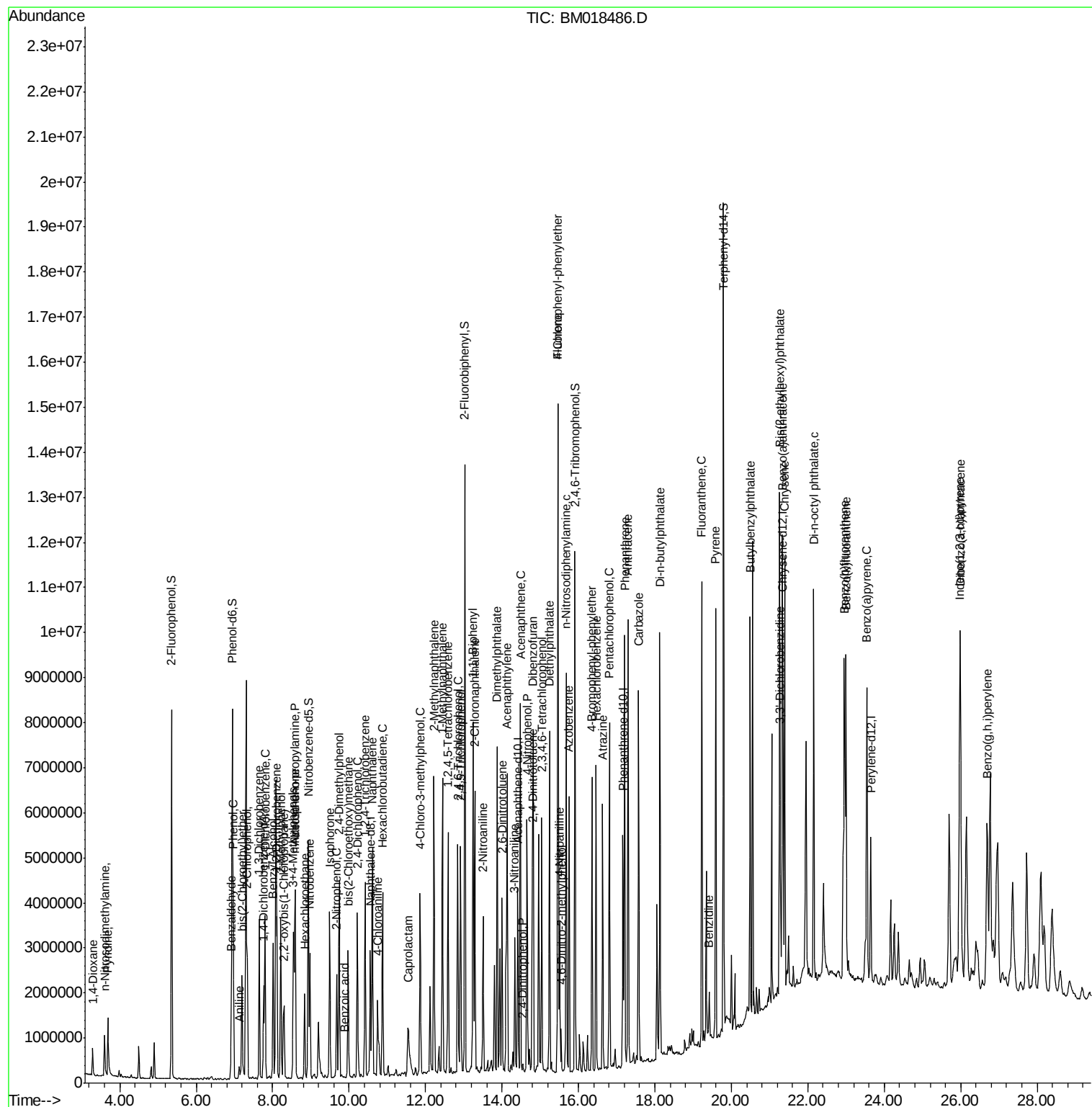
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.84	196	1129580	39.930	nq	100
44) 2,4,5-Trichlorophenol	12.92	196	1204174	40.474	nq	97
46) 1,1'-Biphenyl	13.25	154	4002964	34.414	nq	99
47) 2-Chloronaphthalene	13.29	162	3148354	34.904	nq	99
48) 2-Nitroaniline	13.50	65	877471	39.541	nq	93
49) Acenaphthylene	14.14	152	4897959	37.261	nq	99
50) Dimethylphthalate	13.87	163	4319857	39.484	nq	99
51) 2,6-Dinitrotoluene	14.00	165	863259	37.250	nq	91
52) Acenaphthene	14.48	154	2970553	36.934	nq	99
53) 3-Nitroaniline	14.34	138	796877	34.107	nq	96
54) 2,4-Dinitrophenol	14.54	184	38277	9.978	nq	94
55) Dibenzofuran	14.82	168	4786760	36.020	nq	99
56) 4-Nitrophenol	14.66	139	1466832	72.672	nq	96
57) 2,4-Dinitrotoluene	14.79	165	1201918	36.655	nq	97
58) Fluorene	15.46	166	3904864	39.445	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	1052612	39.915	nq	98
60) Diethylphthalate	15.24	149	4044634	36.620	nq	99
61) 4-Chlorophenyl-phenylether	15.46	204	1981052	34.721	nq	99
62) 4-Nitroaniline	15.50	138	925519	36.317	nq	97
63) Azobenzene	15.75	77	3199004	35.525	nq	97
65) 4,6-Dinitro-2-methylphenol	15.55	198	187547	14.356	nq	93
66) n-Nitrosodiphenylamine	15.68	169	3430551	37.952	nq	99
67) 4-Bromophenyl-phenylether	16.36	248	1207718	37.035	nq	97
68) Hexachlorobenzene	16.46	284	1298644	35.573	nq	100
69) Atrazine	16.63	200	1107054	33.877	nq	99
70) Pentachlorophenol	16.81	266	1266105	52.956	nq	99
71) Phenanthrene	17.21	178	5897354	38.048	nq	100
72) Anthracene	17.30	178	5920484	39.722	nq	100
73) Carbazole	17.57	167	5277883	34.467	nq	100
74) Di-n-butylphthalate	18.13	149	6923259	41.275	nq	99
75) Fluoranthene	19.23	202	5861903	32.803	nq	98
77) Benzidine	19.42	184	585730	10.799	nq	98
78) Pyrene	19.59	202	5768567	44.304	nq	99
80) Butylbenzylphthalate	20.49	149	2637702	47.475	nq	95
81) Benzo(a)anthracene	21.34	228	4967861	38.390	nq	100
82) 3,3'-Dichlorobenzidine	21.28	252	1153327	23.569	nq	99
83) Chrysene	21.39	228	4664440	37.327	nq	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	3818220	47.592	nq	98
85) Di-n-octyl phthalate	22.16	149	5966567	44.218	nq	# 94
86) Indeno(1,2,3-cd)pyrene	25.97	276	5482474	38.048	nq	96
88) Benzo(b)fluoranthene	22.95	252	4722508	37.464	nq	99
89) Benzo(k)fluoranthene	23.00	252	4724029	37.187	nq	99
90) Benzo(a)pyrene	23.54	252	4638575	38.437	nq	98
91) Dibenzo(a,h)anthracene	25.99	278	4663779	38.141	nq	99
92) Benzo(g,h,i)perylene	26.69	276	4502123	37.835	nq	97

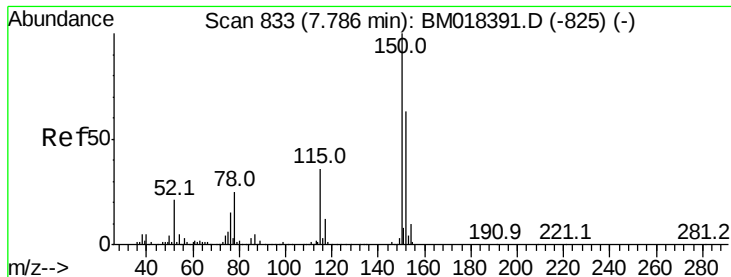
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018486.D
Acq On : 09 Jan 2019 23:06
Operator : JU/SJ
Sample : K1071-06MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)MSD

Quant Time: Jan 10 05:40:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 12:39:07 2019
Response via : Initial Calibration



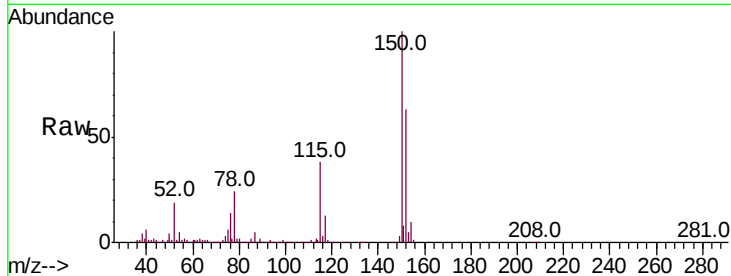


#1

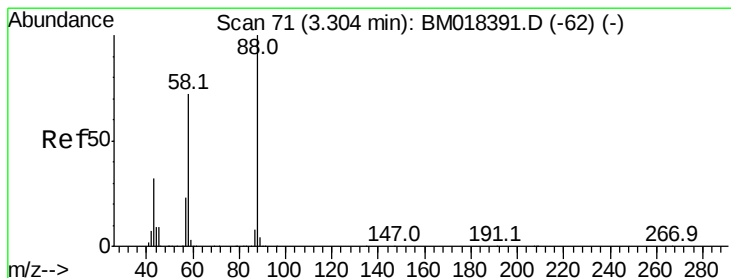
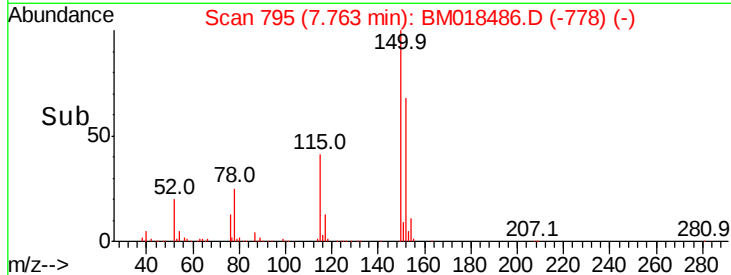
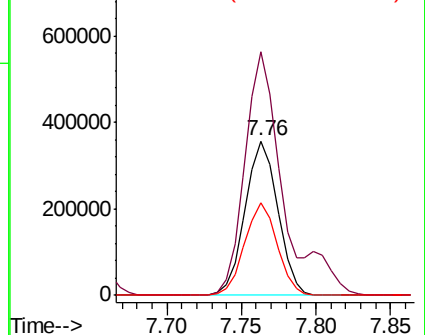
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.9	190.3
115	60.3	45.5	68.3



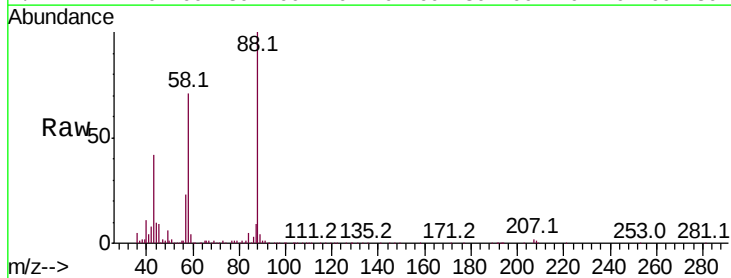
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



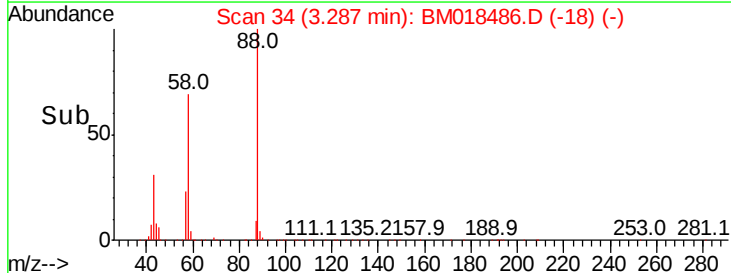
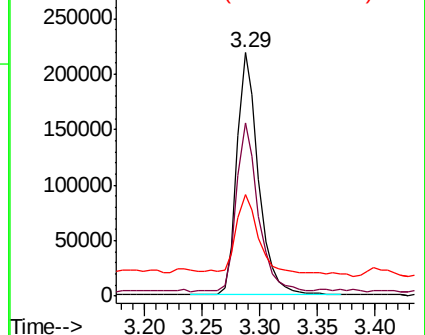
#2

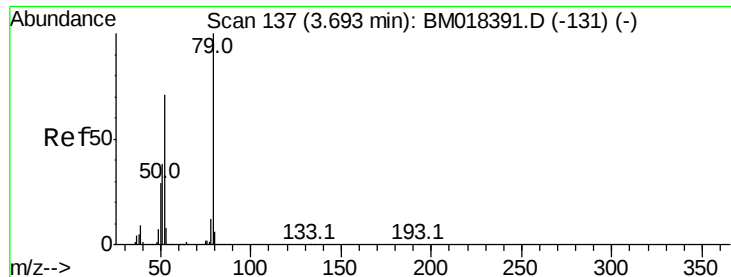
1,4-Dioxane
Concen: 23.618 ng
RT: 3.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	58.4	87.6
43	33.8	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: 26.462 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.02 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

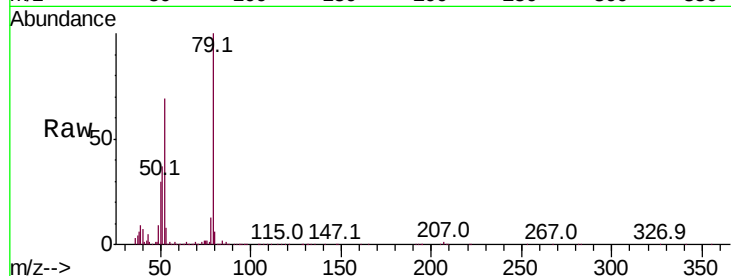
Tot Ion: 79 Resp: 790682

Ion Ratio Lower Upper

79 100

52 69.1 56.4 84.6

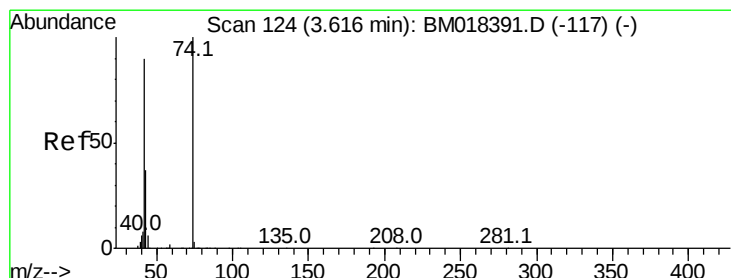
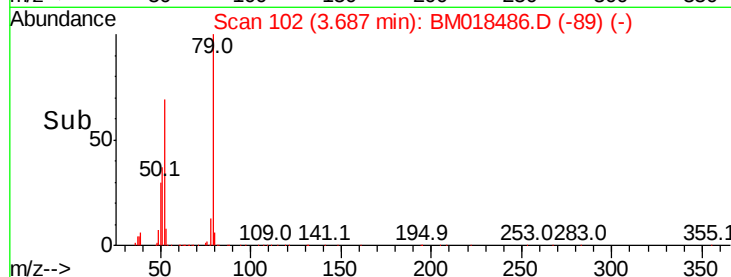
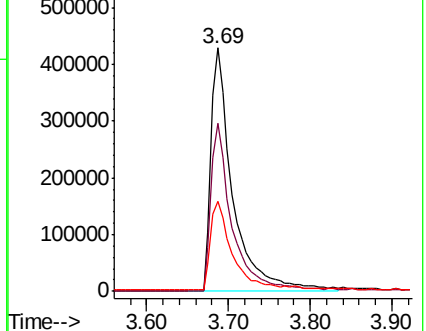
51 37.2 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018391.D (-131) (-)

Ion 52.00 (51.70 to 52.70): BM018391.D (-131) (-)

Ion 51.00 (50.70 to 51.70): BM018391.D (-131) (-)



#4

n-Nitrosodimethylamine

Concen: 37.801 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.02 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

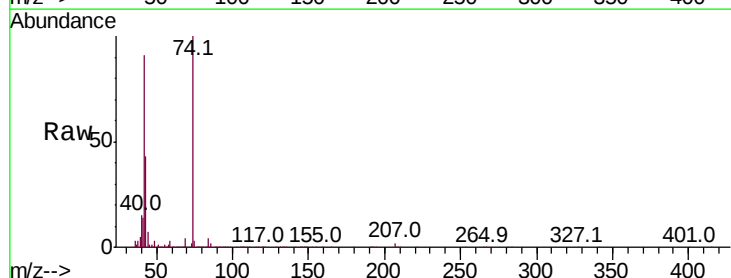
Tgt Ion: 42 Resp: 467058

Ion Ratio Lower Upper

42 100

74 109.7 88.6 132.8

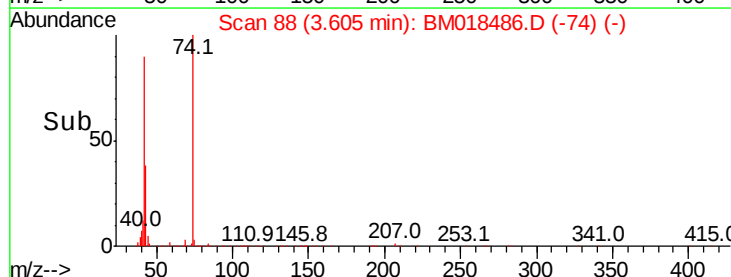
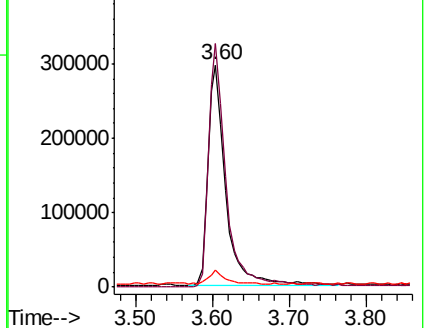
44 7.5 16.9 25.3

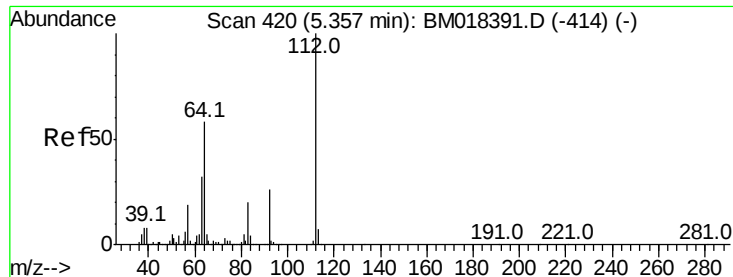


Abundance Ion 42.00 (41.70 to 42.70): BM018391.D (-117) (-)

Ion 74.00 (73.70 to 74.70): BM018391.D (-117) (-)

Ion 44.00 (43.70 to 44.70): BM018391.D (-117) (-)





#5

2-Fluorophenol

Concen: 116.860 ng

RT: 5.36 min Scan# 386

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

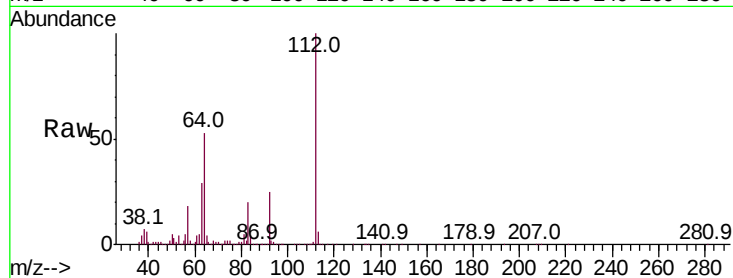
Tot Ion:112 Resp: 3436265

Ion Ratio Lower Upper

112 100

64 53.5 46.5 69.7

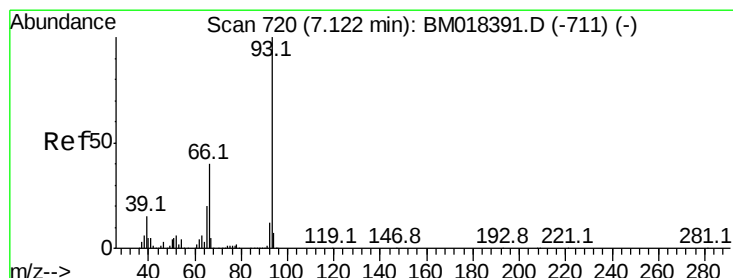
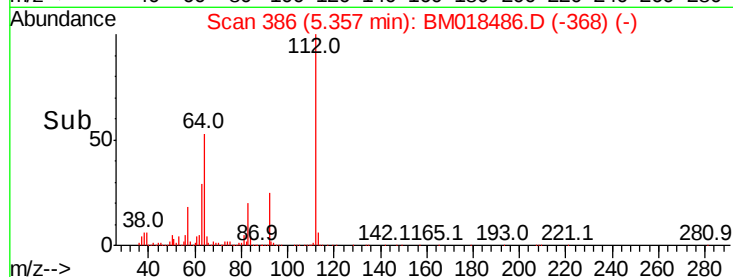
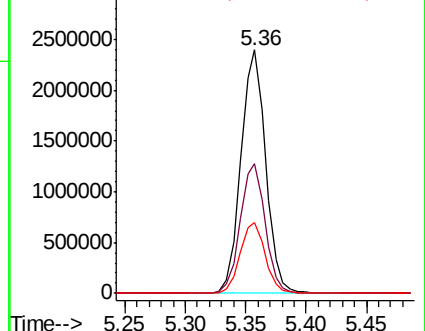
63 29.2 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 4.878 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

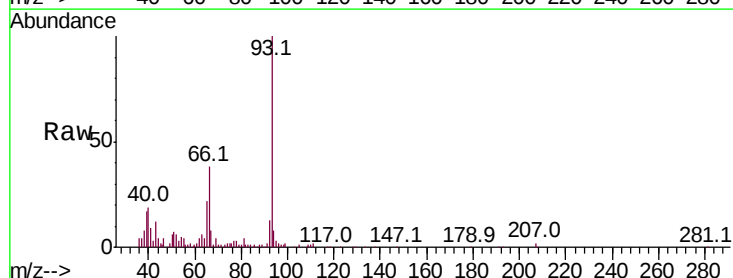
Tgt Ion: 93 Resp: 203239

Ion Ratio Lower Upper

93 100

66 37.8 31.7 47.5

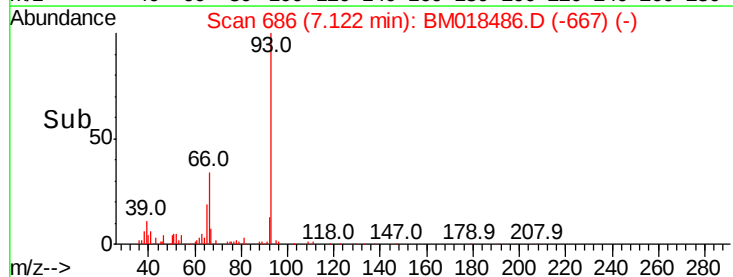
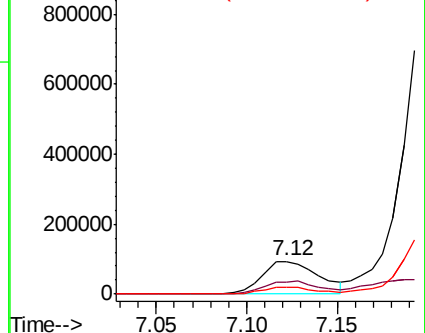
65 21.7 15.9 23.9

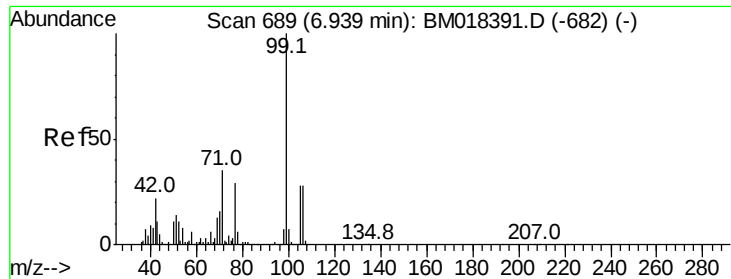


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 120.813 ng

RT: 6.95 min Scan# 656

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

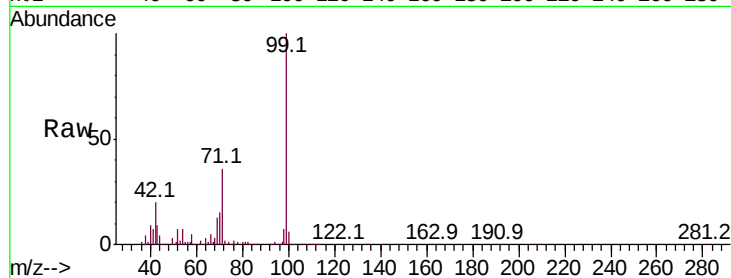
BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

Tot Ion: 99 Resp: 4512096

Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.3	25.9
71	36.4	28.0	42.0

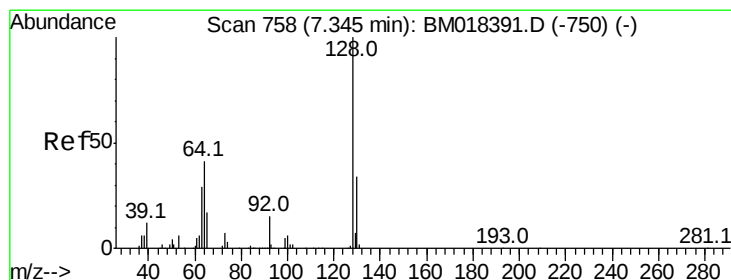
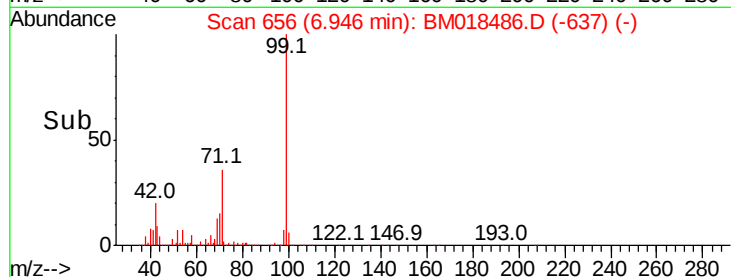
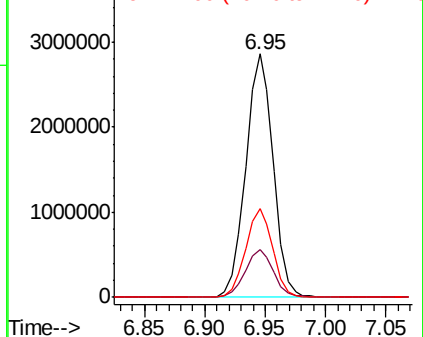


Abundance

Ion 99.00 (98.70 to 99.70): BM018391.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018391.D (-682) (-)



#8

2-Chlorophenol

Concen: 39.837 ng

RT: 7.33 min Scan# 722

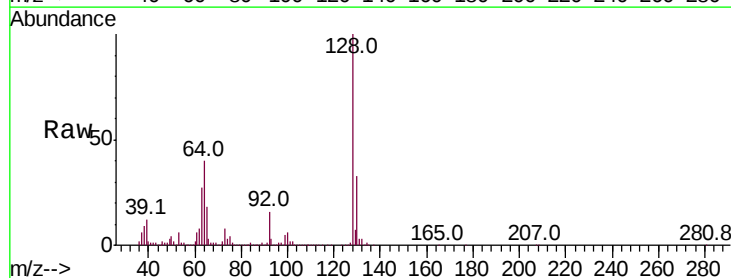
Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Tgt Ion: 128 Resp: 1368099

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.6	53.6
64	39.7	24.8	64.8

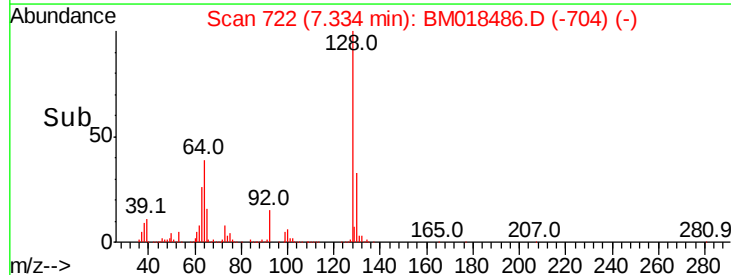
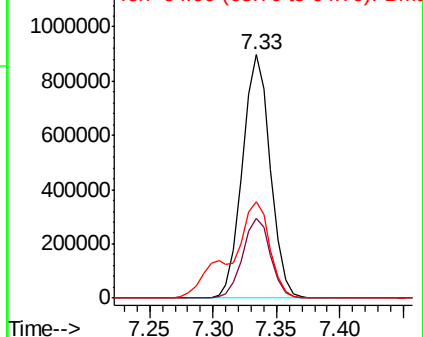


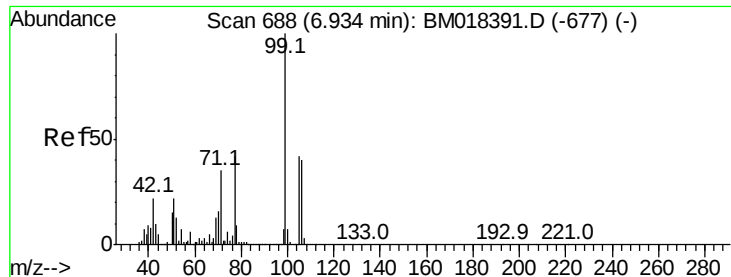
Abundance

Ion 128.00 (127.70 to 128.70): BM018391.D (-750) (-)

Ion 130.00 (129.70 to 130.70): BM018391.D (-750) (-)

Ion 64.00 (63.70 to 64.70): BM018391.D (-750) (-)





#9

Benzaldehyde

Concen: 17.158 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

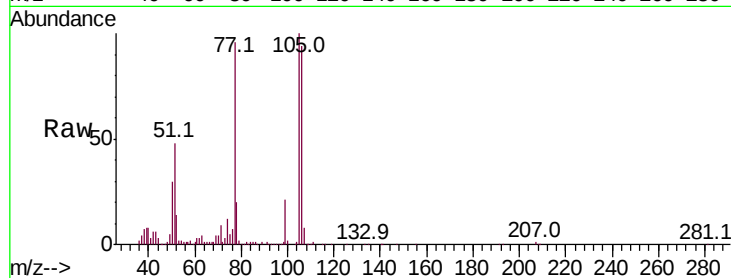
Tot Ion: 77 Resp: 430685

Ion Ratio Lower Upper

77 100

105 104.0 79.7 119.7

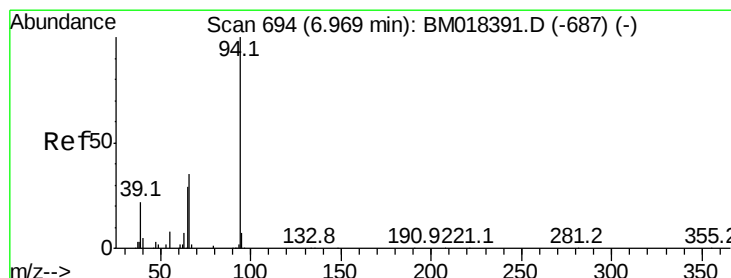
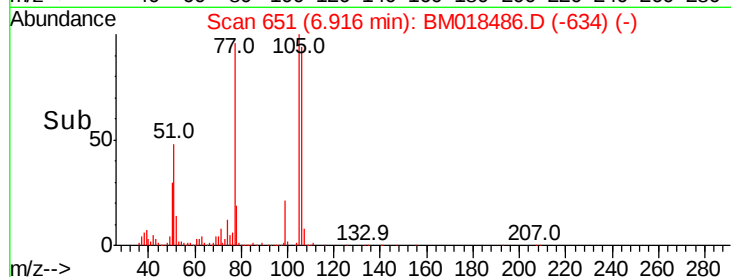
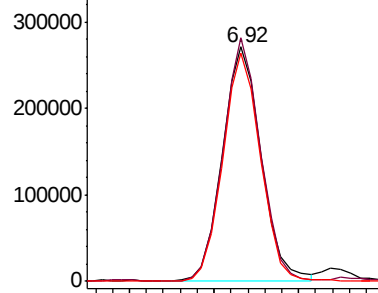
106 97.6 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018391.D (-677) (-)

Ion 105.00 (104.70 to 105.70): BM018391.D (-677) (-)

Ion 106.00 (105.70 to 106.70): BM018391.D (-677) (-)



#10

Phenol

Concen: 44.057 ng

RT: 6.97 min Scan# 660

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

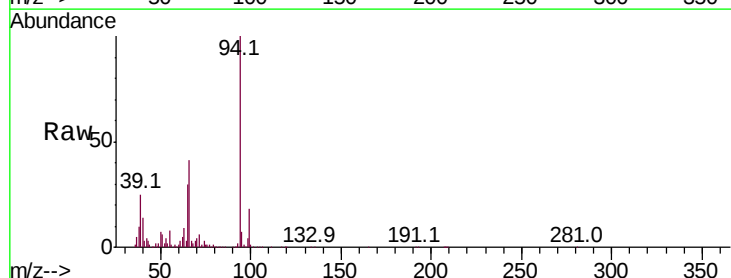
Tgt Ion: 94 Resp: 1672039

Ion Ratio Lower Upper

94 100

65 29.7 9.4 49.4

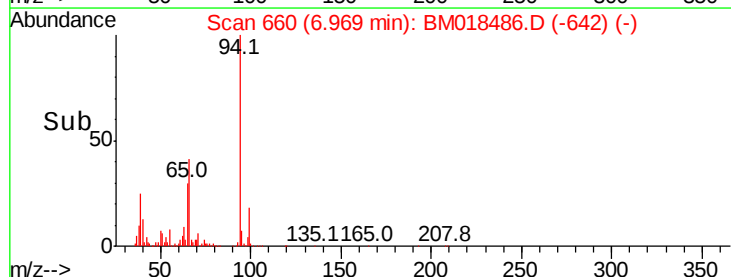
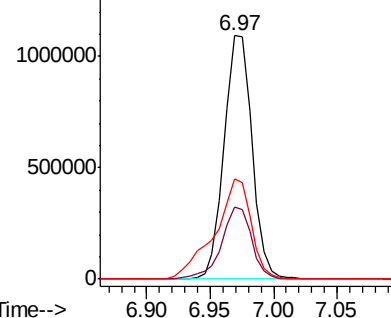
66 41.1 19.1 59.1

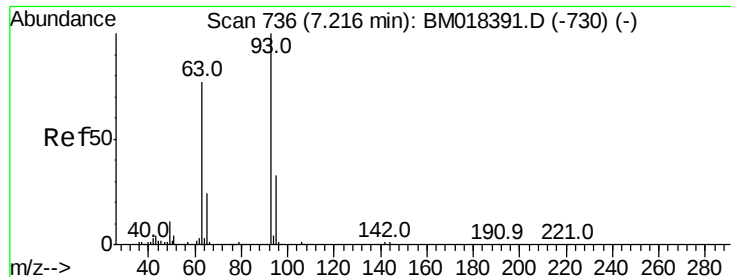


Abundance Ion 94.00 (93.70 to 94.70): BM018391.D (-687) (-)

Ion 65.00 (64.70 to 65.70): BM018391.D (-687) (-)

Ion 66.00 (65.70 to 66.70): BM018391.D (-687) (-)

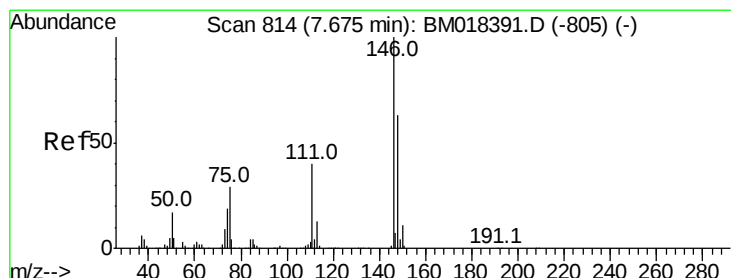
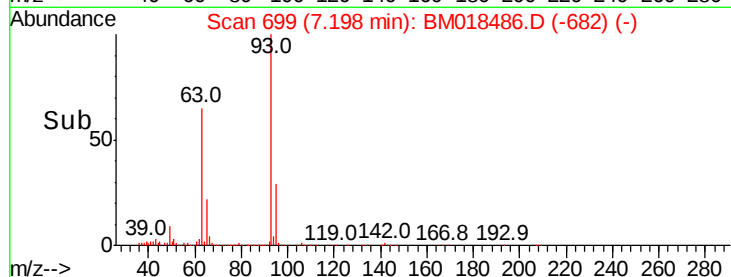
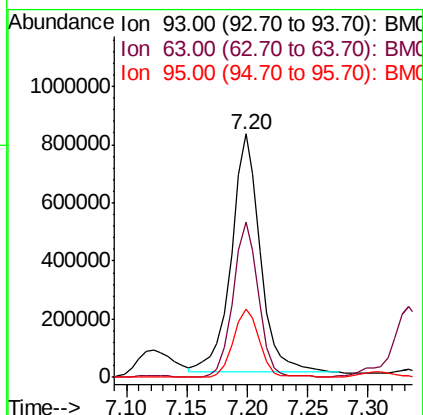
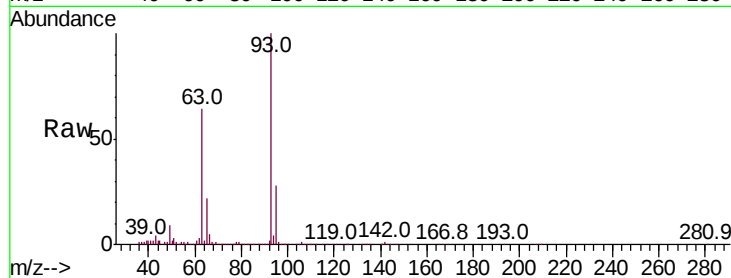




#11
bis(2-Chloroethyl)ether
Concen: 45.762 ng
RT: 7.20 min Scan# 699
Delta R.T. 0.00 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

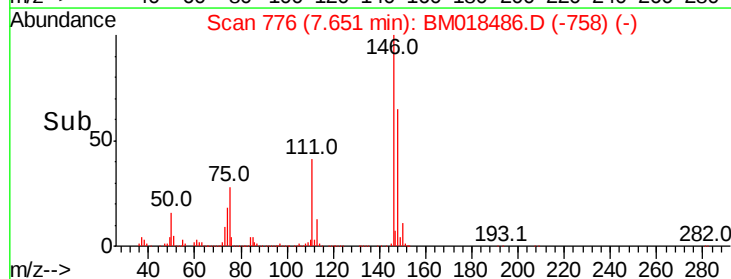
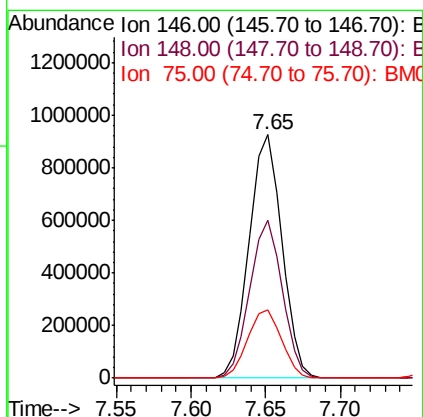
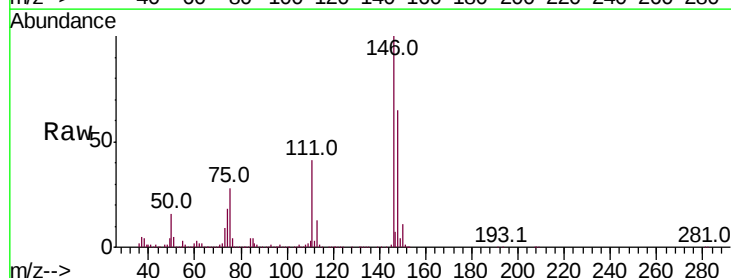
Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)MSD

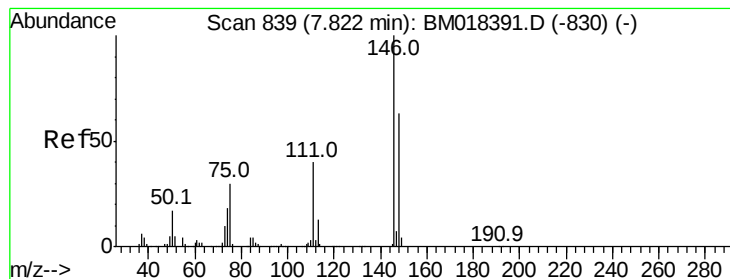
Tot Ion: 93 Resp: 1364649
Ion Ratio Lower Upper
93 100
63 63.8 56.4 96.4
95 28.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 34.500 ng
RT: 7.65 min Scan# 776
Delta R.T. 0.01 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

Tgt Ion: 146 Resp: 1411026
Ion Ratio Lower Upper
146 100
148 64.6 50.5 75.7
75 28.2 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 34.987 ng

RT: 7.80 min Scan# 801

Delta R.T. 0.00 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

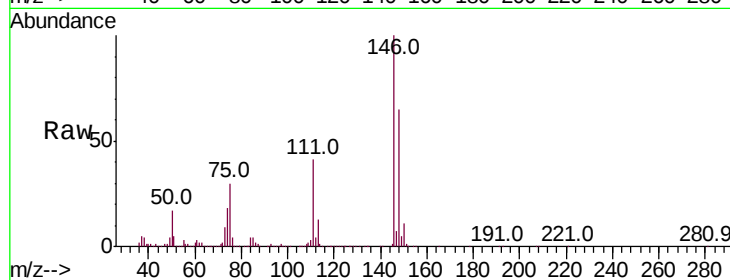
Tot Ion:146 Resp: 1450342

Ion Ratio Lower Upper

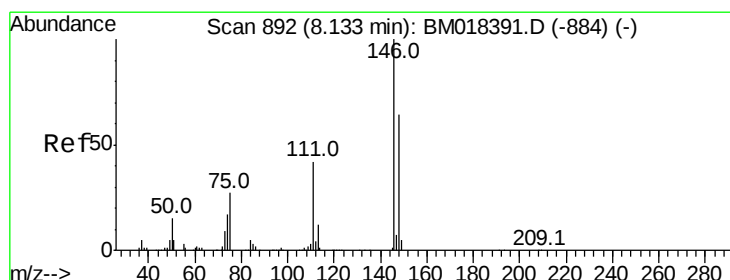
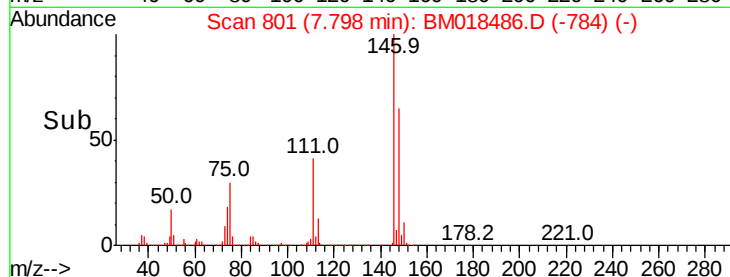
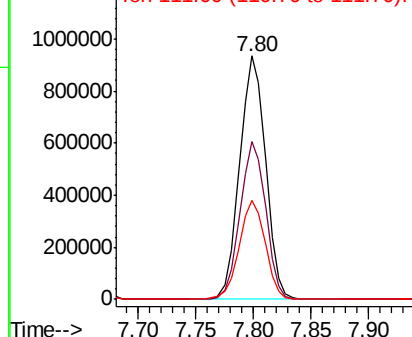
146 100

148 65.1 50.8 76.2

111 40.9 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: 35.945 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

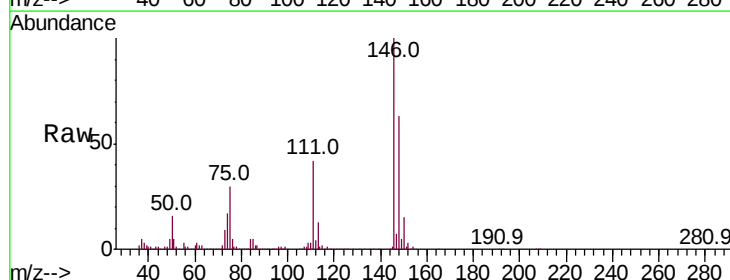
Tgt Ion:146 Resp: 1412858

Ion Ratio Lower Upper

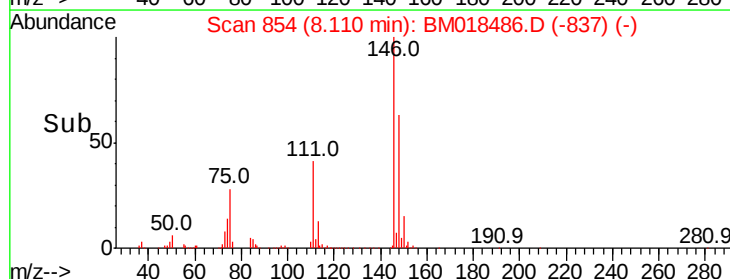
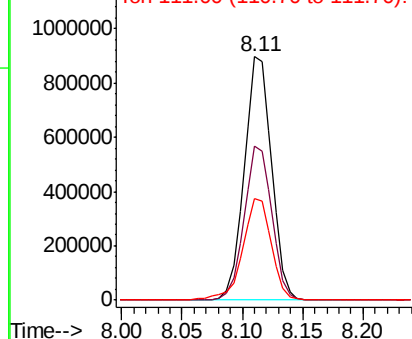
146 100

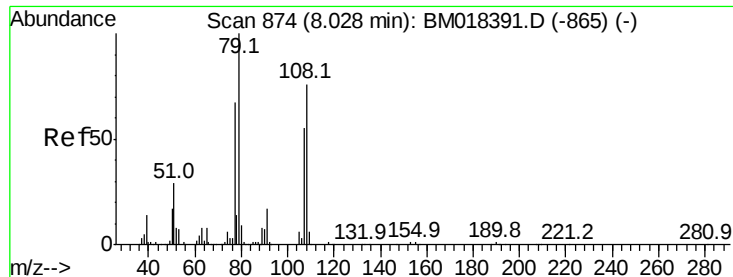
148 63.2 51.0 76.6

111 41.7 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: 35.985 ng

RT: 8.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

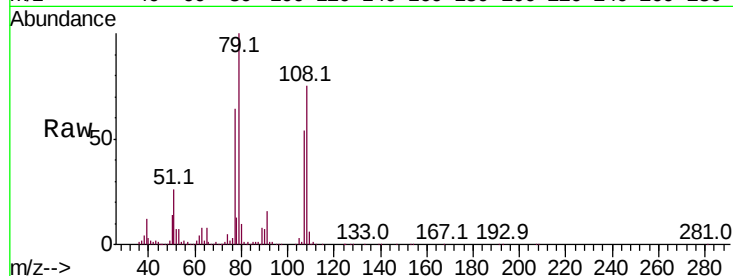
Tot Ion: 79 Resp: 970698

Ion Ratio Lower Upper

79 100

108 75.3 60.4 90.6

77 63.9 53.4 80.2



Abundance Ion 79.00 (78.70 to 79.70): BM018391.D (-865) (-)

Ion 108.00 (107.70 to 108.70): BM018391.D (-865) (-)

Ion 77.00 (76.70 to 77.70): BM018391.D (-865) (-)

8.01

600000

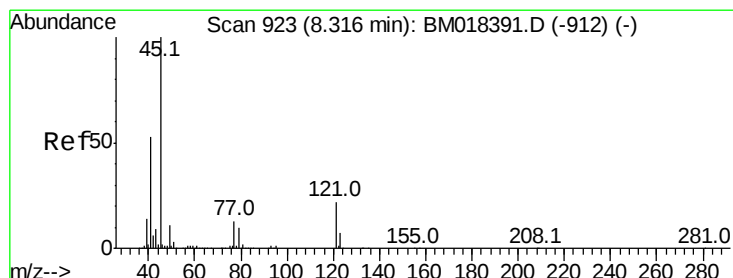
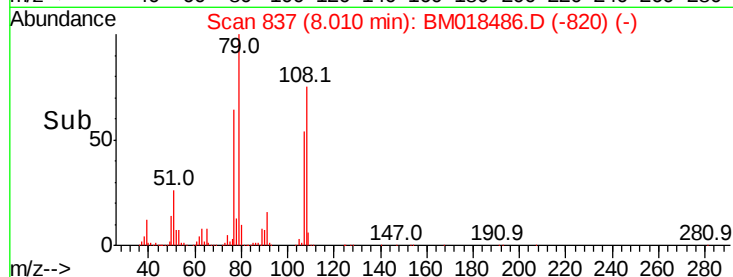
400000

200000

0

7.95 8.00 8.05

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.060 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

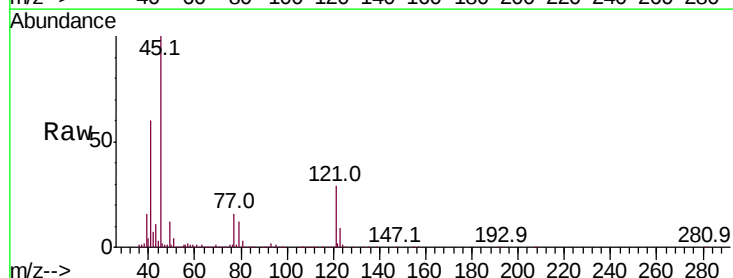
Tgt Ion: 45 Resp: 1336117

Ion Ratio Lower Upper

45 100

77 16.3 0.0 33.4

79 11.6 0.0 31.1



Abundance Ion 45.00 (44.70 to 45.70): BM018391.D (-912) (-)

Ion 77.00 (76.70 to 77.70): BM018391.D (-912) (-)

Ion 79.00 (78.70 to 79.70): BM018391.D (-912) (-)

8.28

600000

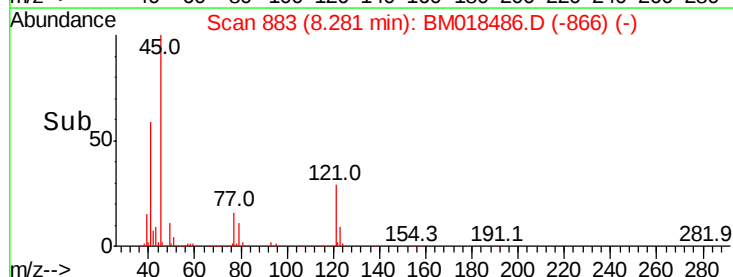
400000

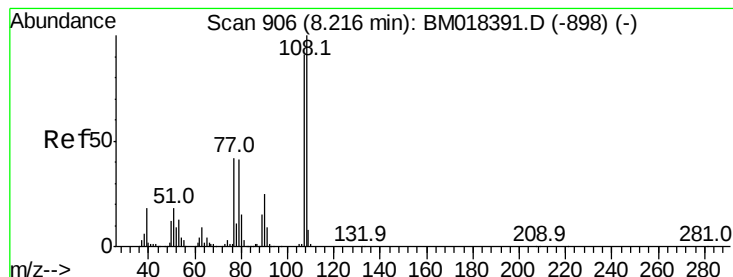
200000

0

8.20 8.25 8.30 8.35

Time-->



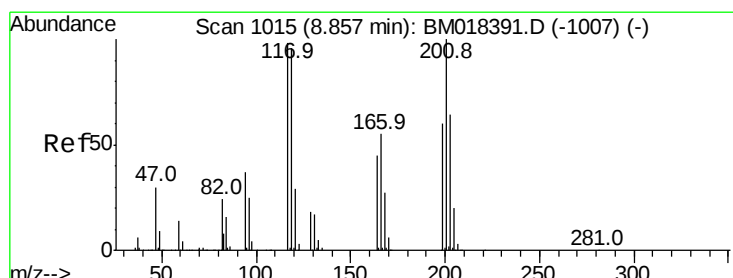
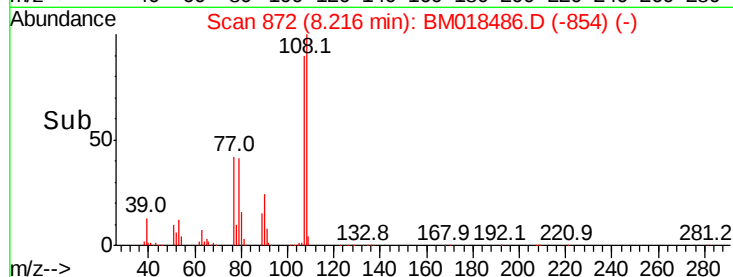
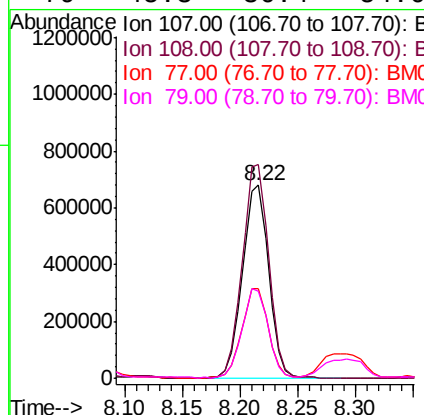
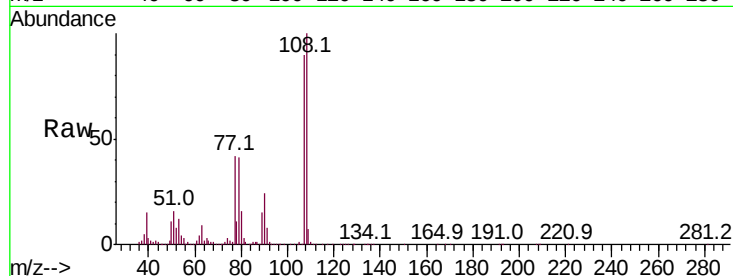


#17
2-Methylphenol
Concen: 41.645 ng
RT: 8.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)MSD

Tot Ion:107 Resp: 1072834

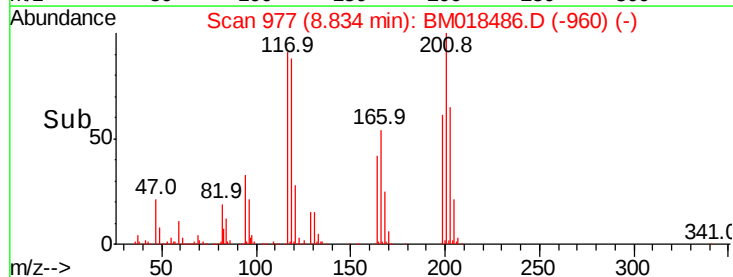
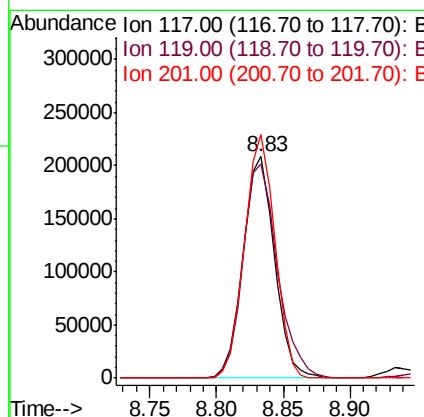
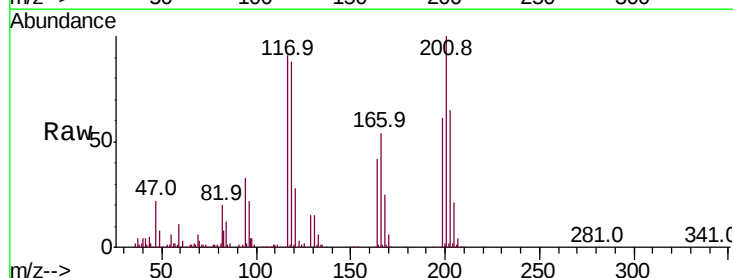
Ion	Ratio	Lower	Upper
107	100		
108	110.7	87.5	131.3
77	46.5	37.3	55.9
79	45.3	36.4	54.6

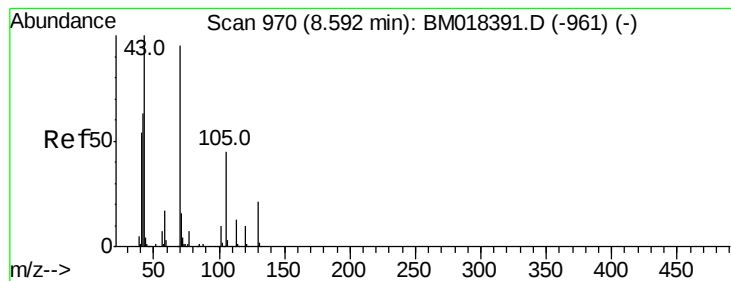


#18
Hexachloroethane
Concen: 22.971 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

Tgt Ion:117 Resp: 339509

Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.3	117.5
201	110.0	81.4	122.0





#19

n-Nitroso-di-n-propylamine

Concen: 36.559 ng

RT: 8.57 min Scan# 933

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

Tot Ion: 70 Resp: 888561

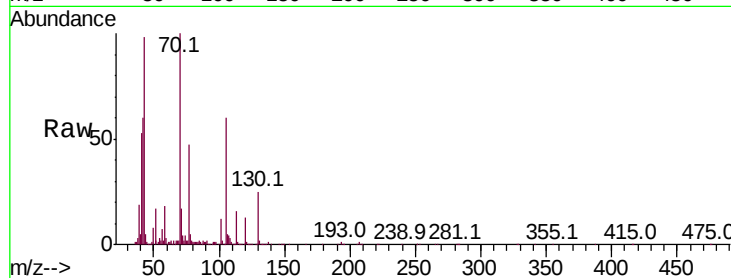
Ion Ratio Lower Upper

70 100

42 59.8 54.0 81.0

101 11.6 8.1 12.1

130 25.2 17.8 26.6



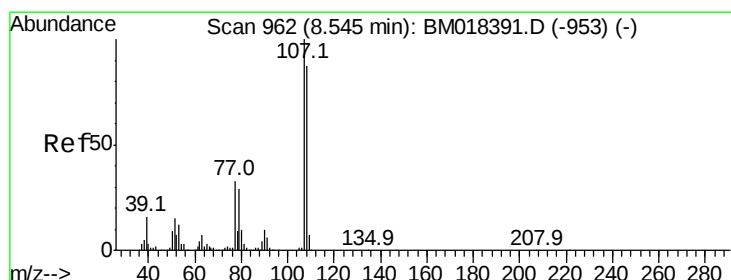
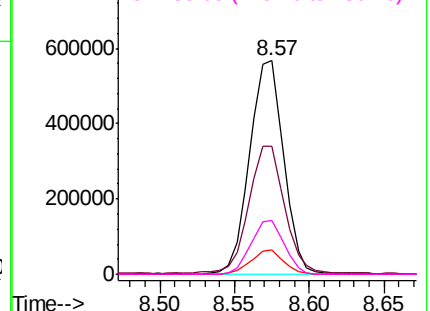
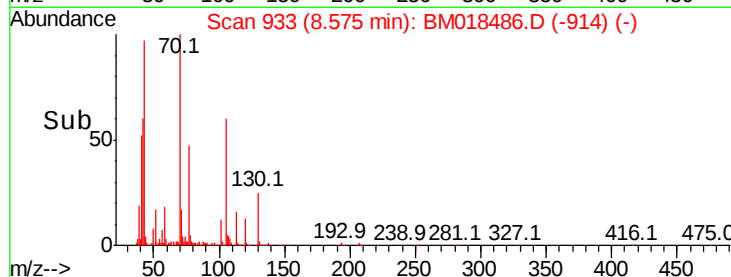
Abundance

Ion 70.00 (69.70 to 70.70): BM018391.D (-961) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-961) (-)

Ion 101.00 (100.70 to 101.70): BM018391.D (-961) (-)

Ion 130.00 (129.70 to 130.70): BM018391.D (-961) (-)



#20

3+4-Methylphenols

Concen: 41.793 ng

RT: 8.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Tgt Ion: 107 Resp: 1486284

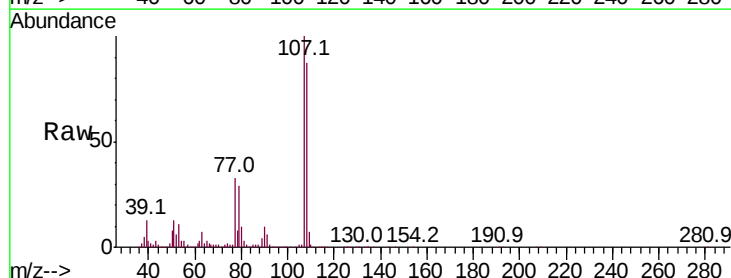
Ion Ratio Lower Upper

107 100

108 87.5 66.8 106.8

77 33.1 13.3 53.3

79 28.9 8.8 48.8



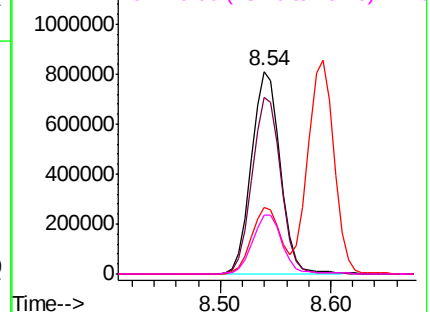
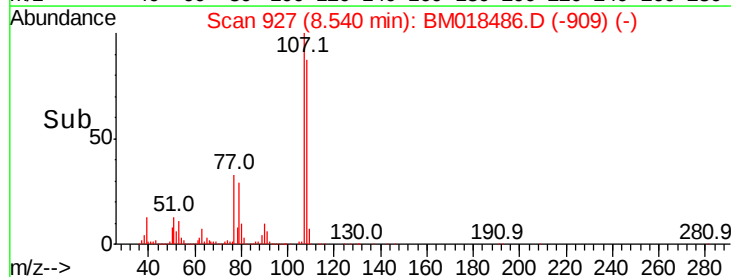
Abundance

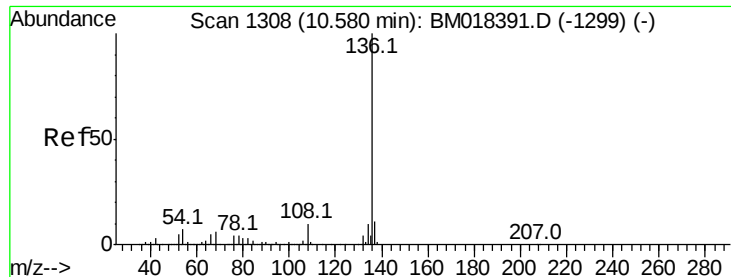
Ion 107.00 (106.70 to 107.70): BM018391.D (-953) (-)

Ion 108.00 (107.70 to 108.70): BM018391.D (-953) (-)

Ion 77.00 (76.70 to 77.70): BM018391.D (-953) (-)

Ion 79.00 (78.70 to 79.70): BM018391.D (-953) (-)

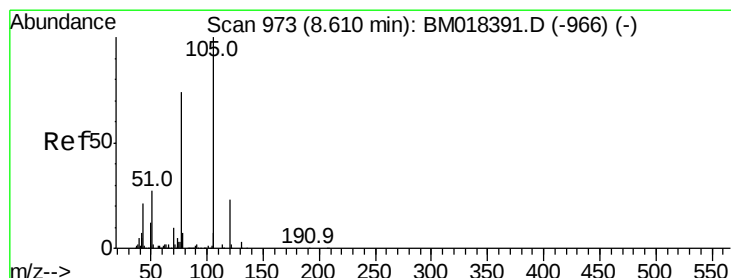
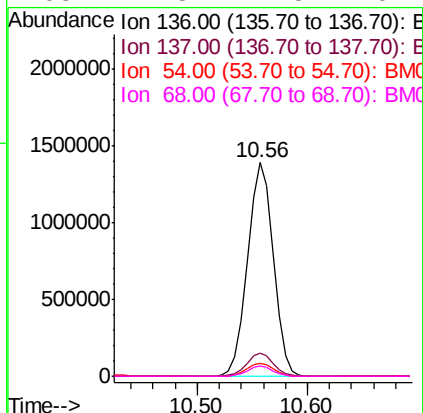
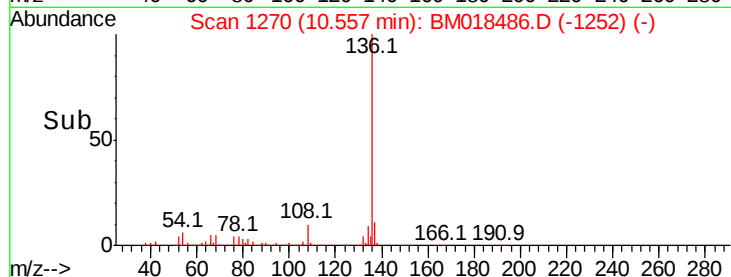
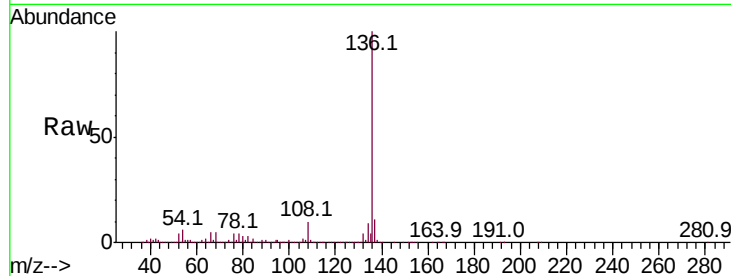




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

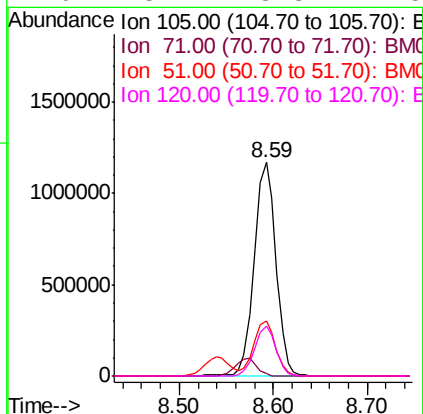
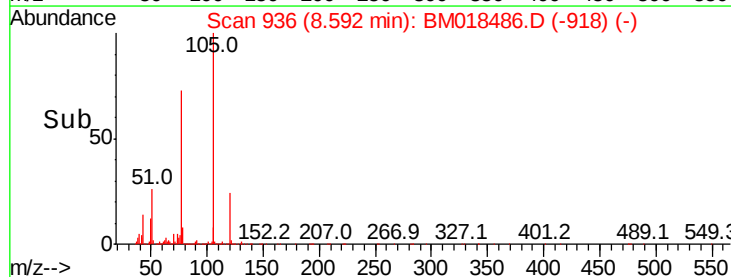
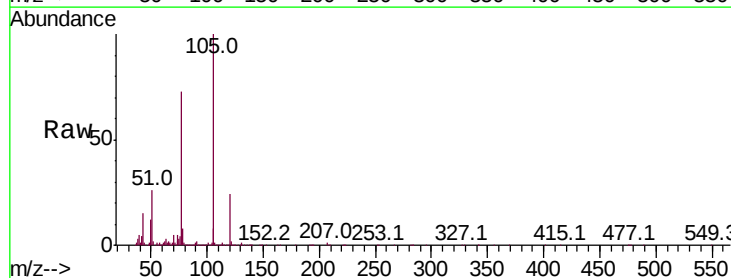
Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)MSD

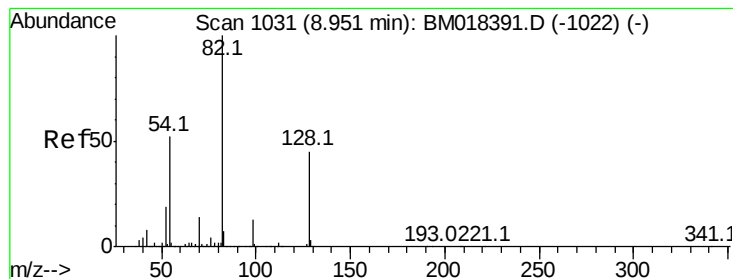
Tot Ion:136	Resp: 2287466
Ion Ratio	Lower Upper
136 100	
137 11.1	8.5 12.7
54 6.3	6.0 9.0
68 4.8	4.5 6.7



#22
Acetophenone
Concen: 33.197 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.01 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

Tgt	Ion:105	Resp:	1878504
Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.7	2.5#
51	25.7	22.6	34.0
120	23.7	18.3	27.5





#23

Nitrobenzene-d5

Concen: 71.972 ng

RT: 8.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

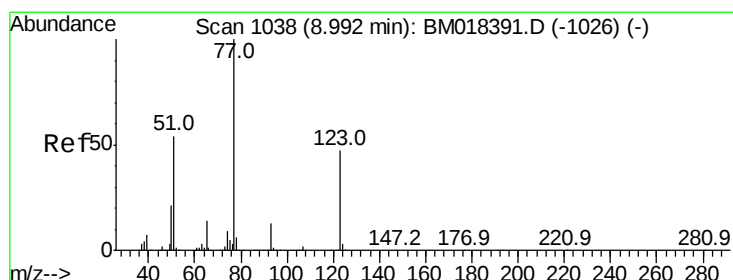
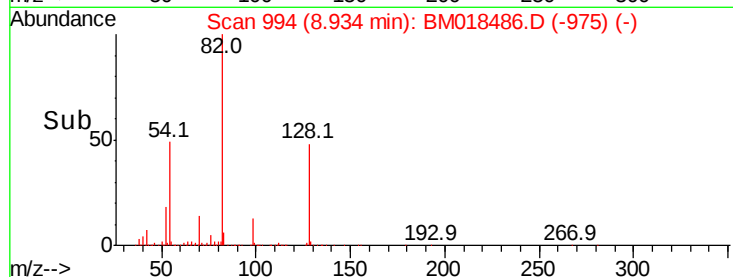
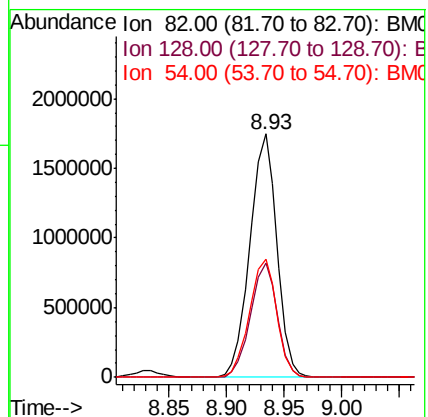
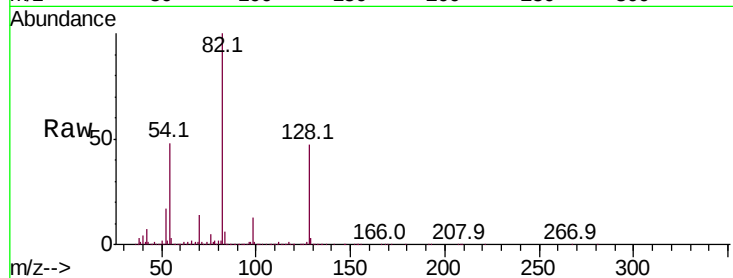
Tot Ion: 82 Resp: 2839915

Ion Ratio Lower Upper

82 100

128 46.9 36.3 54.5

54 48.4 41.7 62.5



#24

Nitrobenzene

Concen: 35.361 ng

RT: 8.97 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

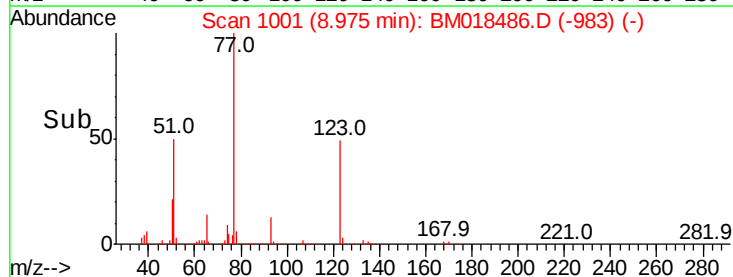
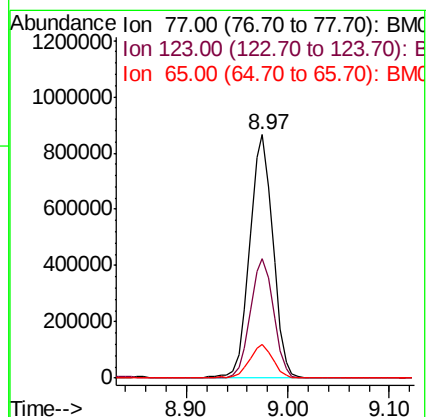
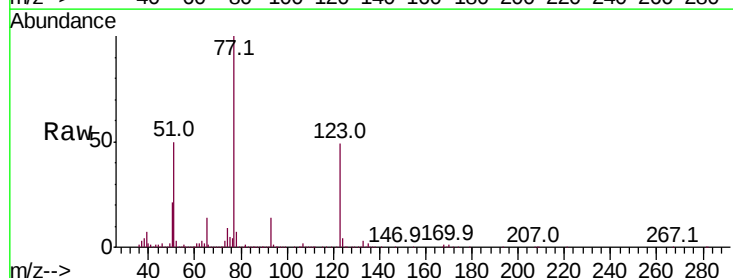
Tgt Ion: 77 Resp: 1372870

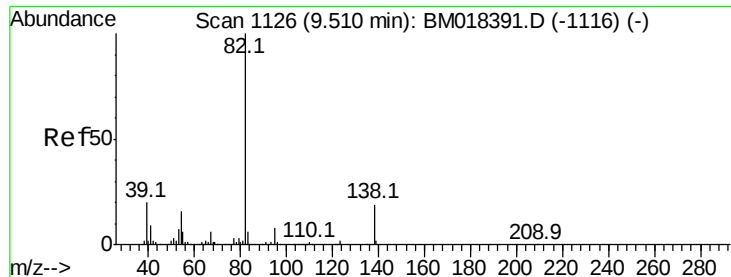
Ion Ratio Lower Upper

77 100

123 49.1 37.7 56.5

65 14.0 11.0 16.6





#25

Isophorone

Concen: 41.100 ng

RT: 9.49 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

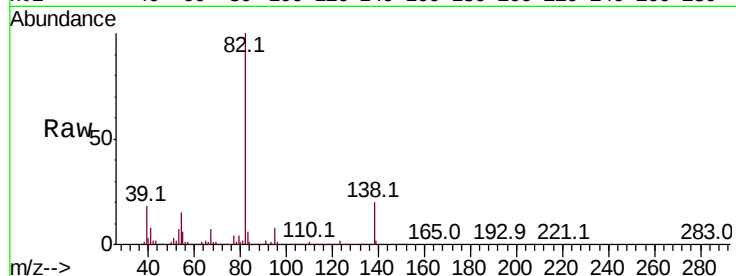
Tot Ion: 82 Resp: 2455812

Ion Ratio Lower Upper

82 100

95 8.3 6.1 9.1

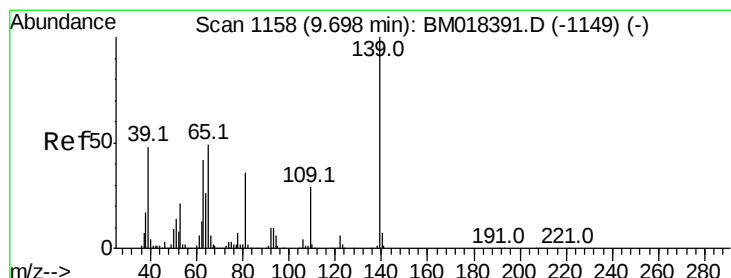
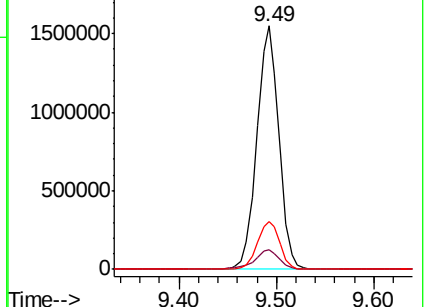
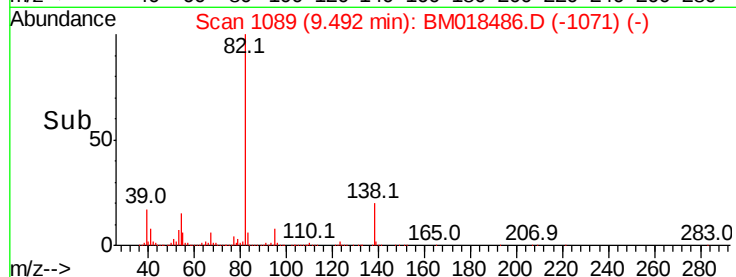
138 19.8 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018391.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM018391.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM018391.D (-1116) (-)



#26

2-Nitrophenol

Concen: 39.767 ng

RT: 9.68 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

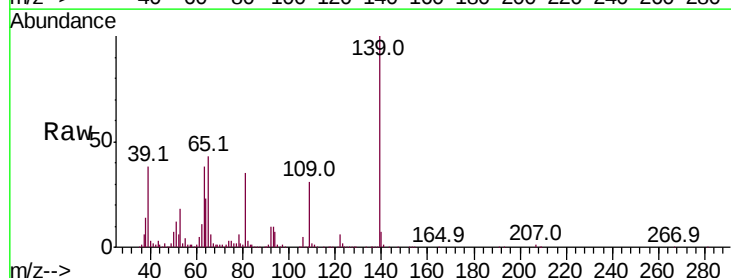
Tgt Ion: 139 Resp: 746556

Ion Ratio Lower Upper

139 100

109 30.8 23.4 35.2

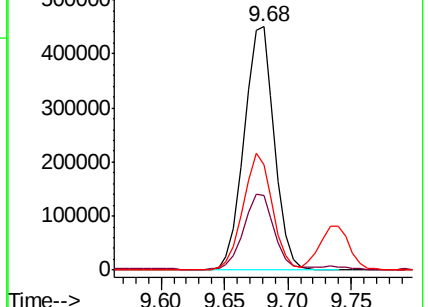
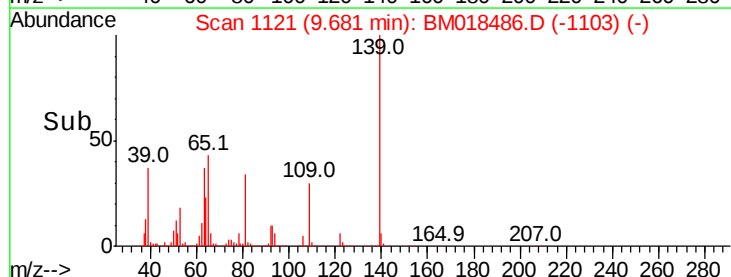
65 43.5 39.4 59.2

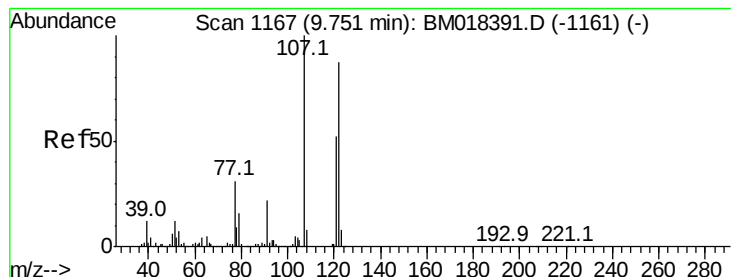


Abundance Ion 139.00 (138.70 to 139.70): BM018391.D (-1149) (-)

Ion 109.00 (108.70 to 109.70): BM018391.D (-1149) (-)

Ion 65.00 (64.70 to 65.70): BM018391.D (-1149) (-)





#27

2,4-Dimethylphenol

Concen: 43.566 ng

RT: 9.74 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

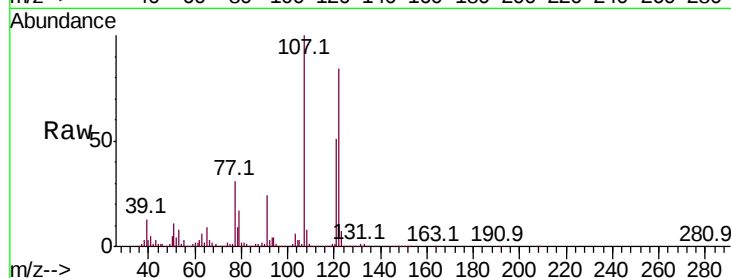
Tot Ion:122 Resp: 1225896

Ion Ratio Lower Upper

122 100

107 118.5 91.9 137.9

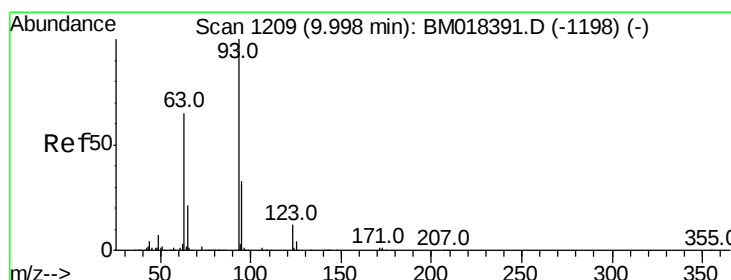
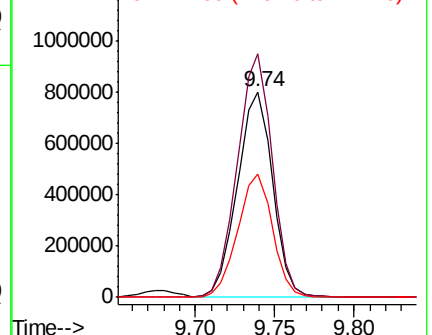
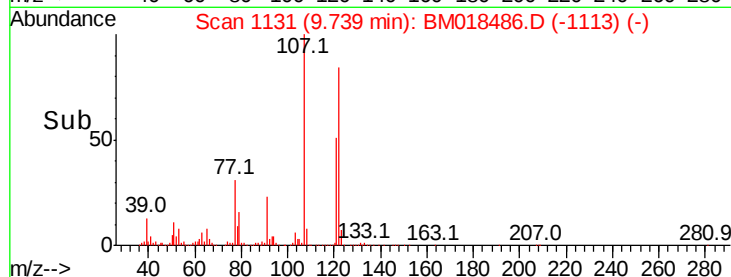
121 60.2 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.272 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

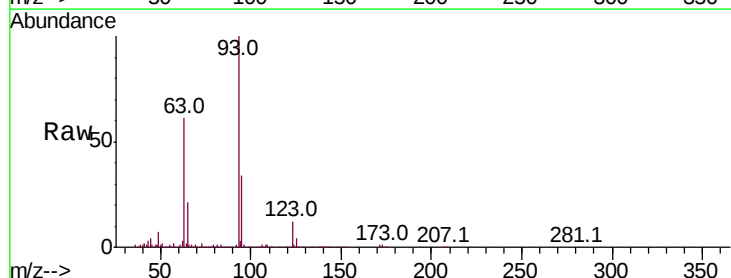
Tgt Ion: 93 Resp: 1497228

Ion Ratio Lower Upper

93 100

95 33.7 26.6 39.8

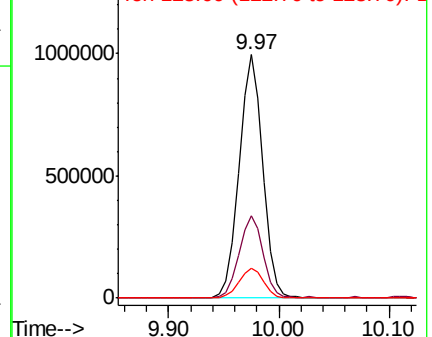
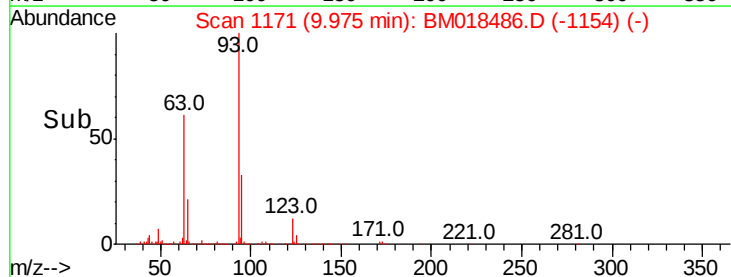
123 12.3 9.9 14.9

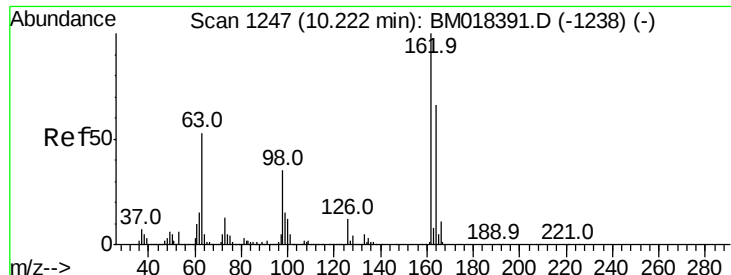


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

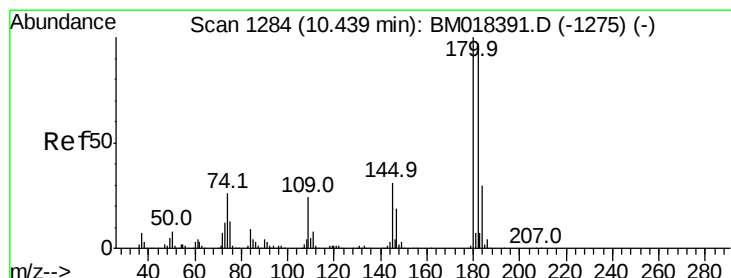
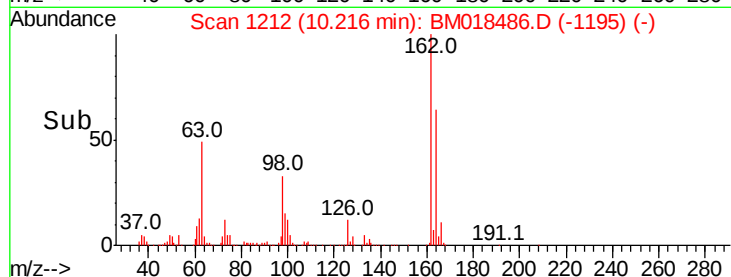
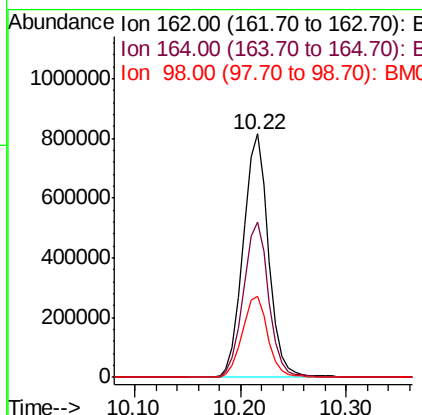
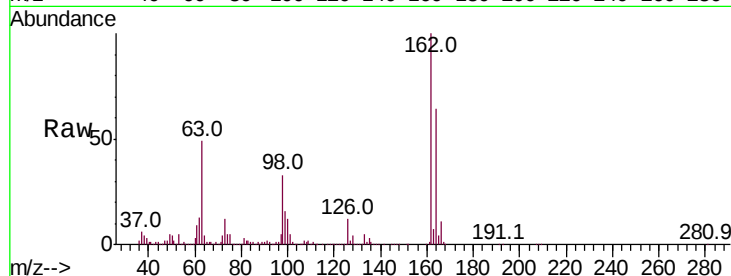




#29
 2,4-Dichlorophenol
 Concen: 40.379 ng
 RT: 10.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BM018486.D
 Acq: 09 Jan 2019 23:06

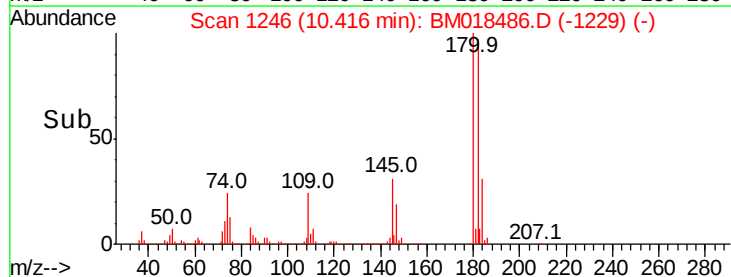
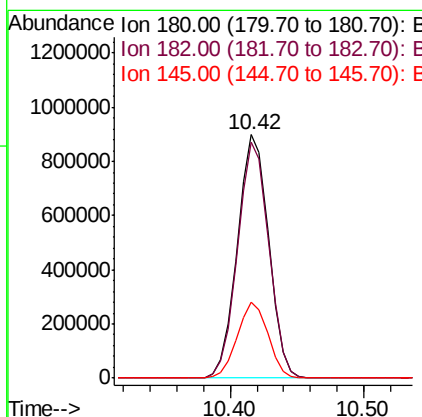
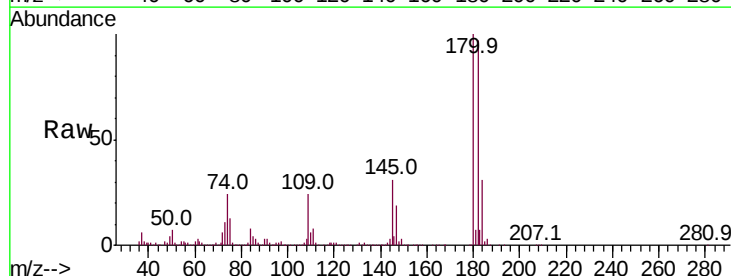
Instrument :
 BNA_M
 ClientSampleId :
 CPSB-15(20-25)MSD

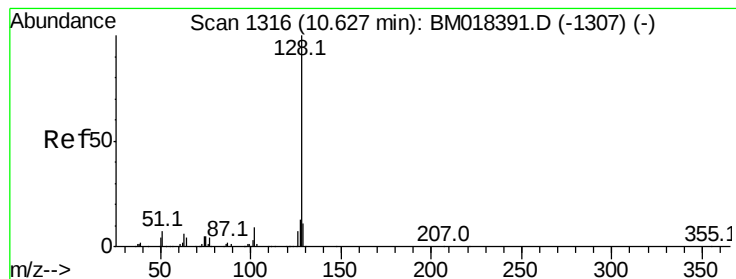
Tot Ion:162 Resp: 1352969
 Ion Ratio Lower Upper
 162 100
 164 63.6 45.6 85.6
 98 33.2 14.7 54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 34.959 ng
 RT: 10.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BM018486.D
 Acq: 09 Jan 2019 23:06

Tgt Ion:180 Resp: 1453925
 Ion Ratio Lower Upper
 180 100
 182 96.7 77.4 116.2
 145 31.3 24.6 37.0





#31

Naphthalene

Concen: 38.424 ng

RT: 10.61 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

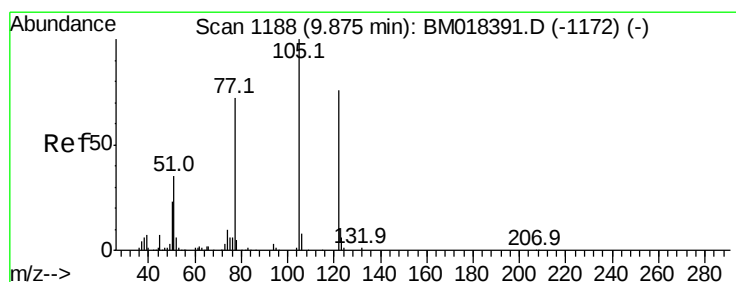
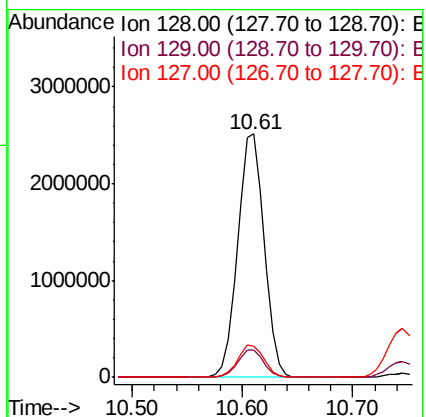
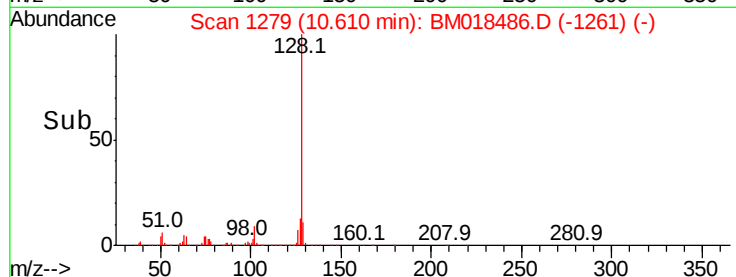
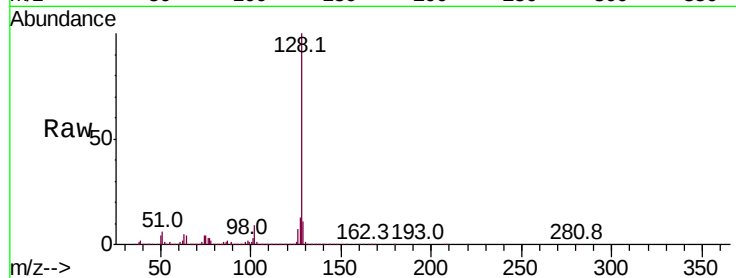
Tot Ion:128 Resp: 4232930

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.0 10.8 16.2



#32

Benzoic acid

Concen: 6.523 ng

RT: 9.89 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

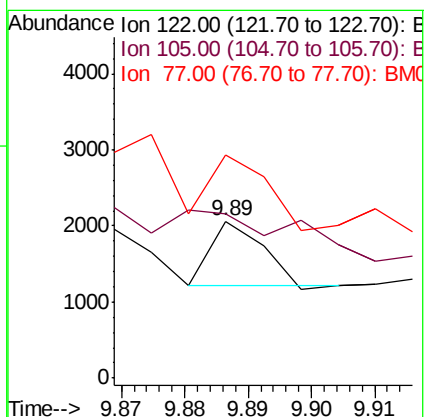
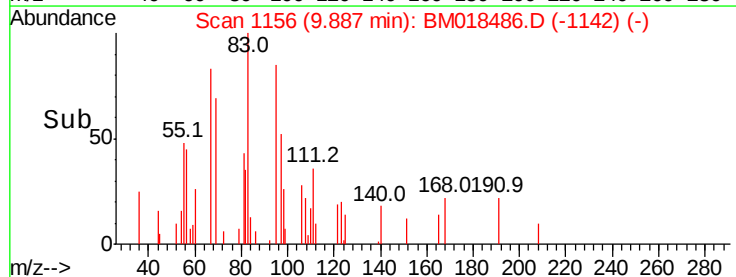
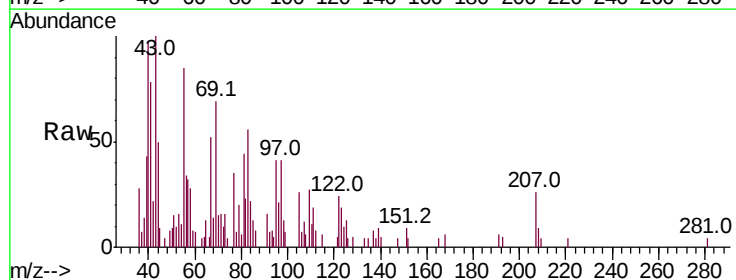
Tgt Ion:122 Resp: 461

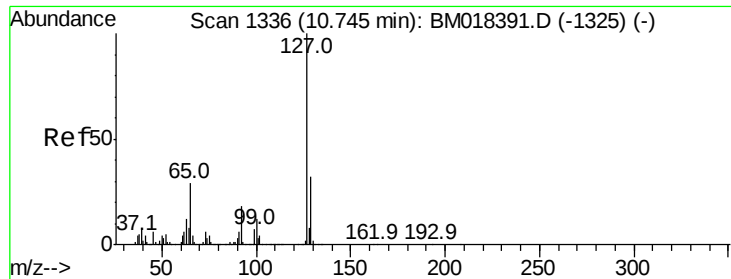
Ion Ratio Lower Upper

122 100

105 104.4 100.4 140.4

77 142.4 71.7 111.7#

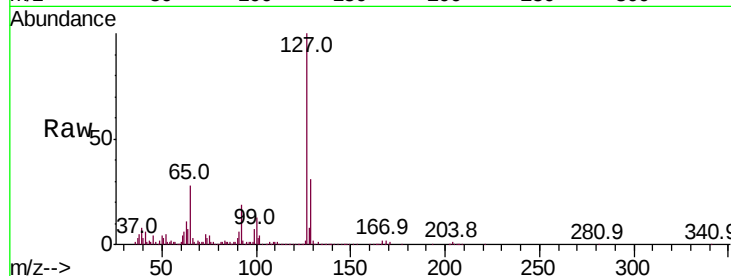




#33
4-Chloroaniline
Concen: 22.603 ng
RT: 10.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)MSD

Tot Ion:	127	Resp:	980645
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	27.6	23.4	35.2
92	18.6	14.5	21.7



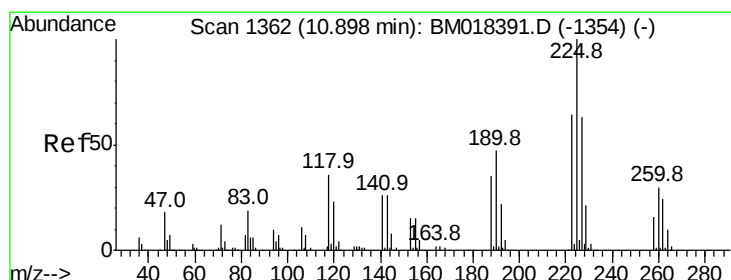
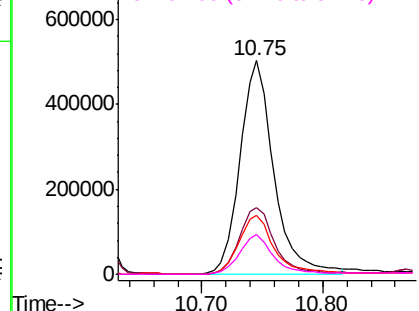
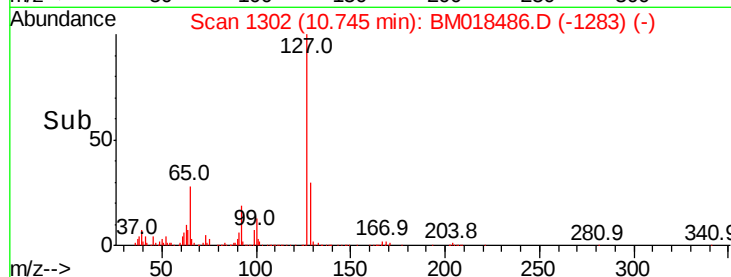
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

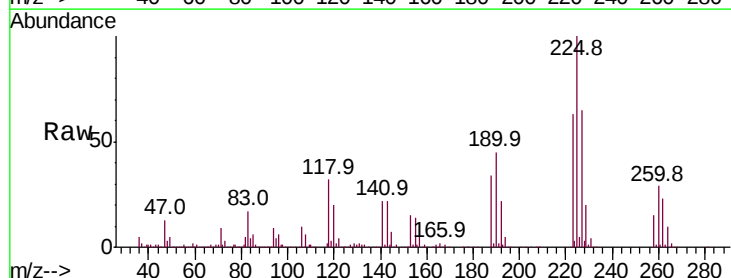
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 32.686 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

Tgt Ion:	225	Resp:	858793
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.8	76.2
227	64.9	50.4	75.6

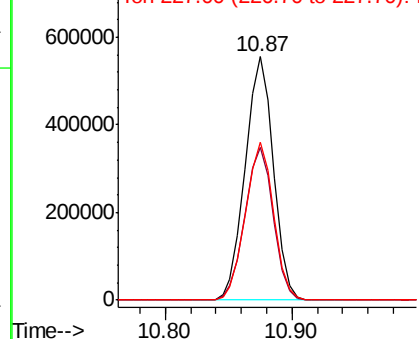
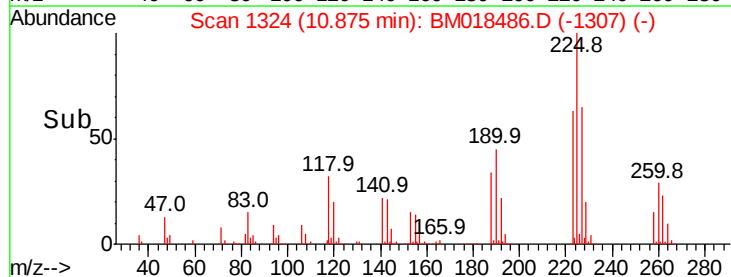


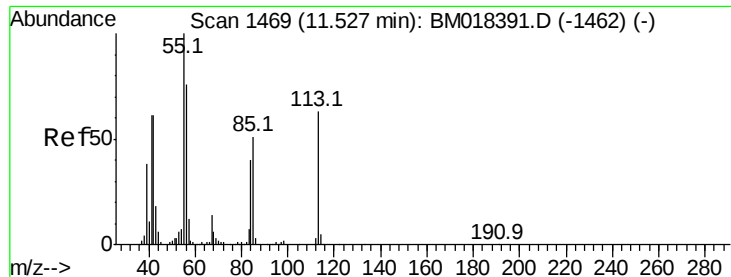
Abundance

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: 32.222 ng

RT: 11.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

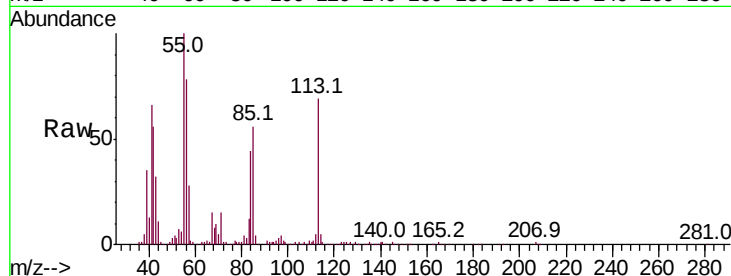
Tot Ion:113 Resp: 367071

Ion Ratio Lower Upper

113 100

55 144.3 139.3 179.3

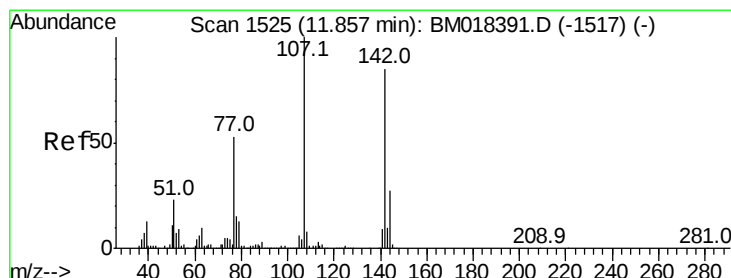
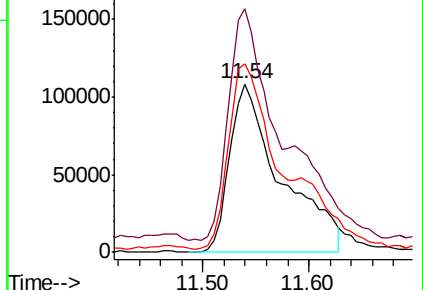
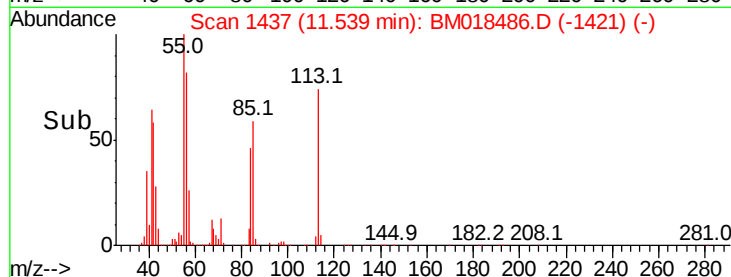
56 112.1 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 39.684 ng

RT: 11.86 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

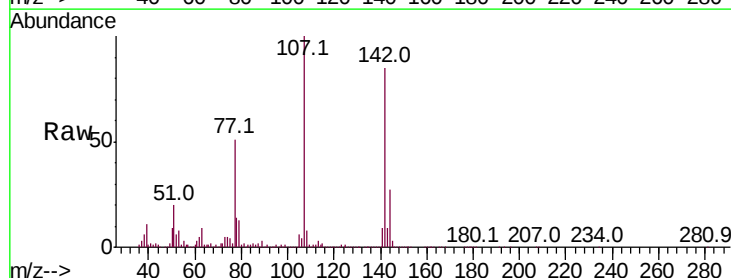
Tgt Ion:107 Resp: 1394986

Ion Ratio Lower Upper

107 100

144 27.2 21.9 32.9

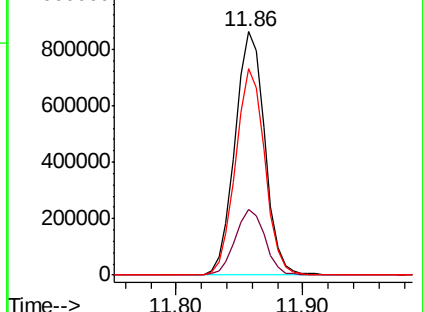
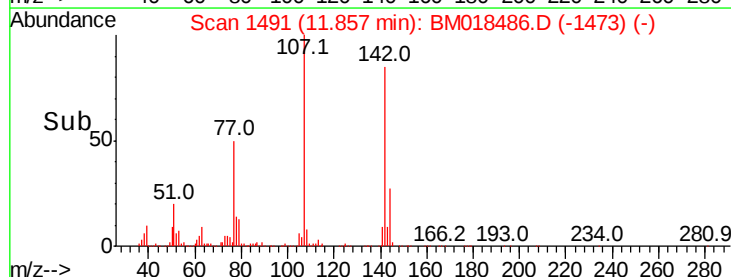
142 84.6 67.9 101.9

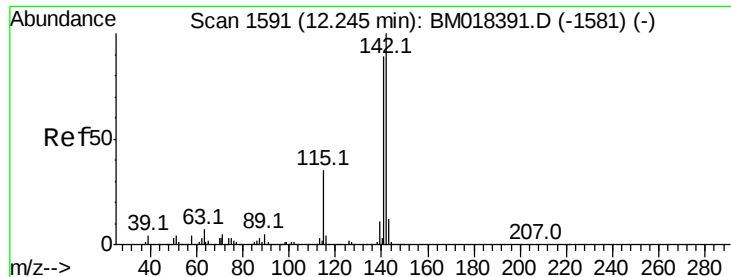


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

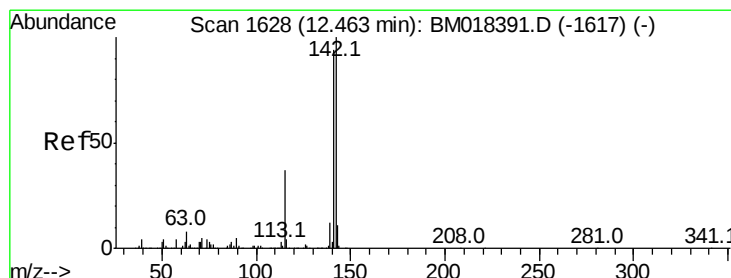
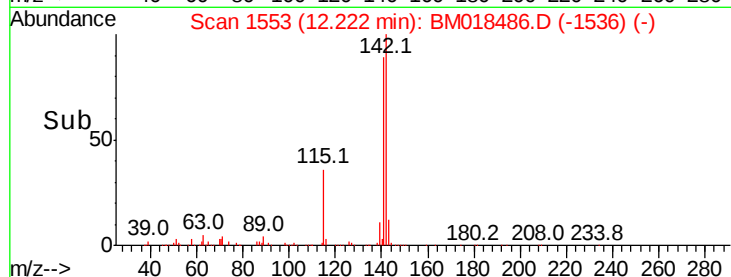
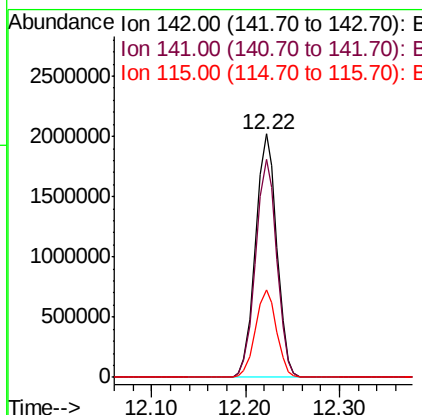
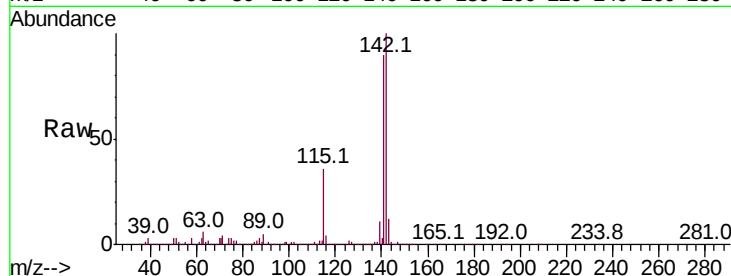




#37
2-Methylnaphthalene
Concen: 40.572 ng
RT: 12.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

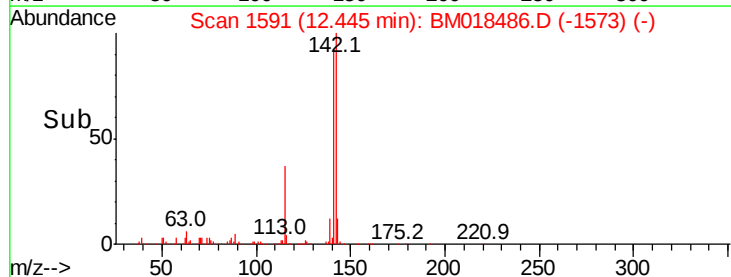
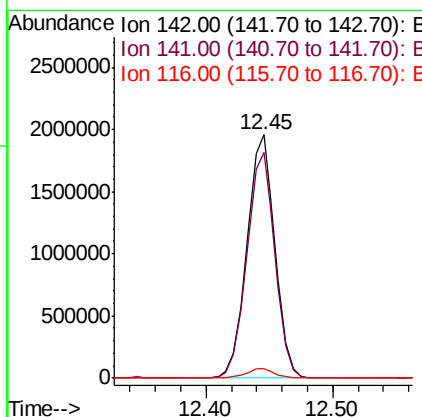
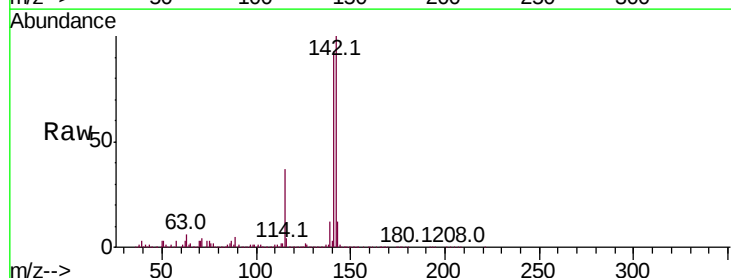
Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)MSD

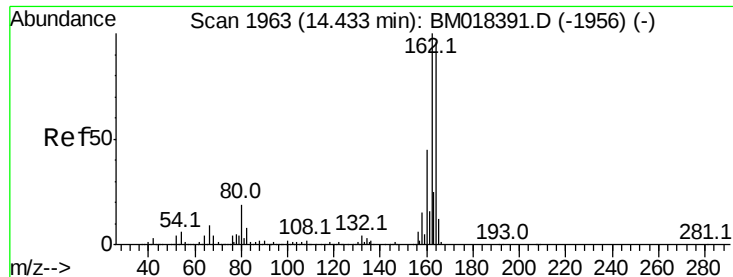
Tot Ion:142 Resp: 3157942
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.2
115 35.8 28.0 42.0



#38
1-Methylnaphthalene
Concen: 39.668 ng
RT: 12.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

Tgt Ion:142 Resp: 2987439
Ion Ratio Lower Upper
142 100
141 92.5 75.6 113.4
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

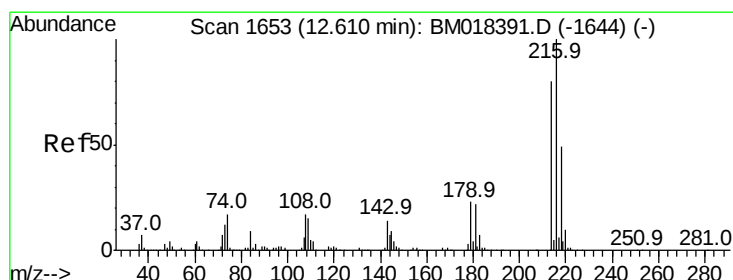
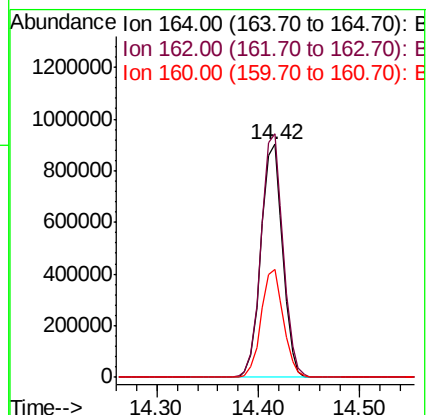
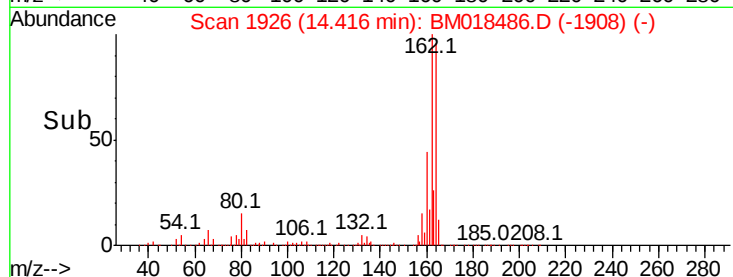
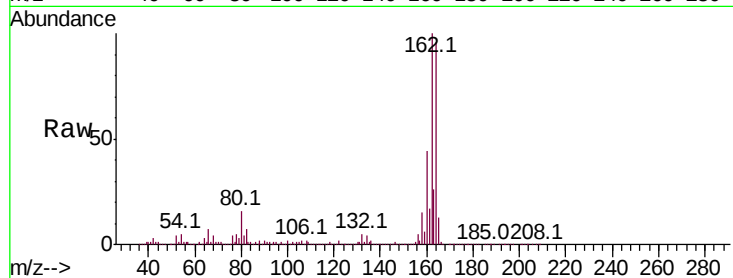
BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

Tot Ion:164 Resp: 1332161

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.0	124.4
160	46.3	37.1	55.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.424 ng

RT: 12.59 min Scan# 1615

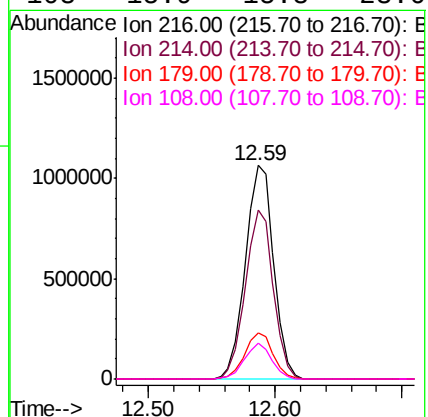
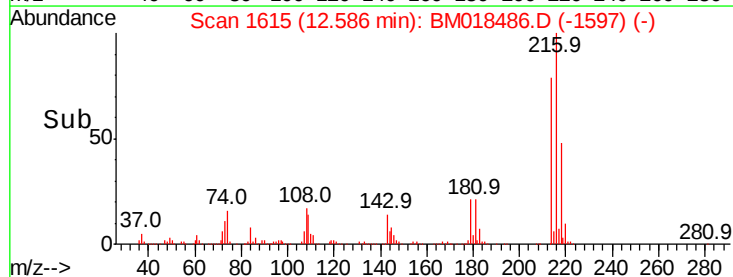
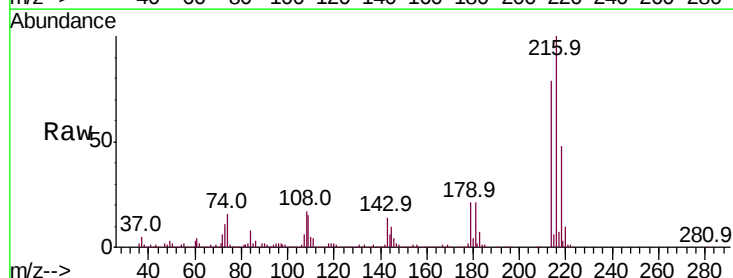
Delta R.T. 0.01 min

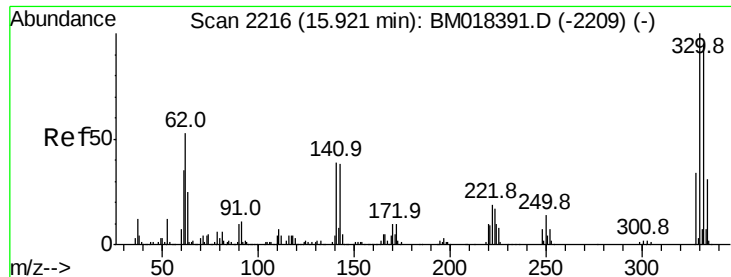
Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Tgt Ion:216 Resp: 1650222

Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.4	95.0
179	21.4	17.9	26.9
108	15.9	15.8	23.6

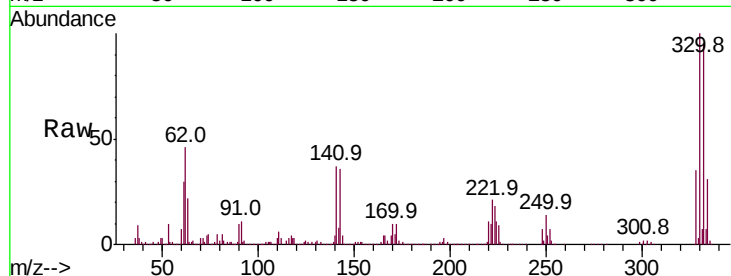




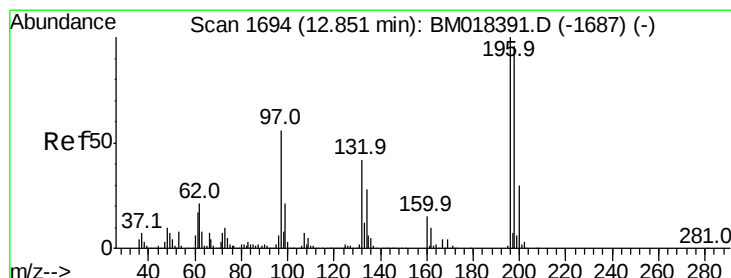
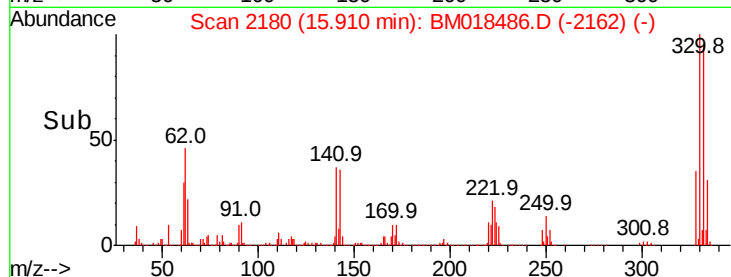
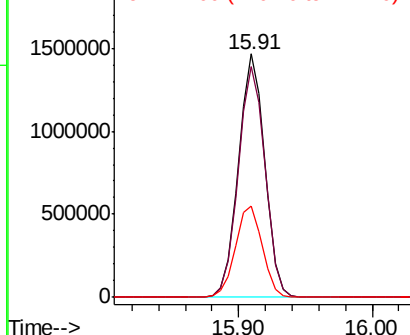
#42
 2,4,6-Tribromophenol
 Concen: 117.637 ng
 RT: 15.91 min Scan# 2180
 Delta R.T. 0.01 min
 Lab File: BM018486.D
 Acq: 09 Jan 2019 23:06

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-15(20-25)MSD

Tot Ion:330 Resp: 1995375
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.6 116.4
 141 38.4 31.7 47.5

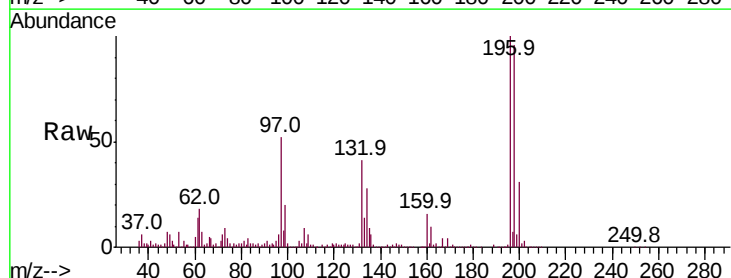


Abundance Ion 329.80 (329.50 to 330.50): E
 2000000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

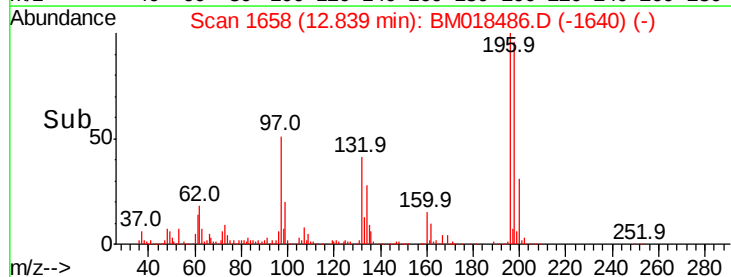
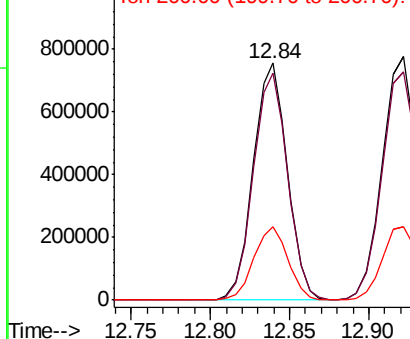


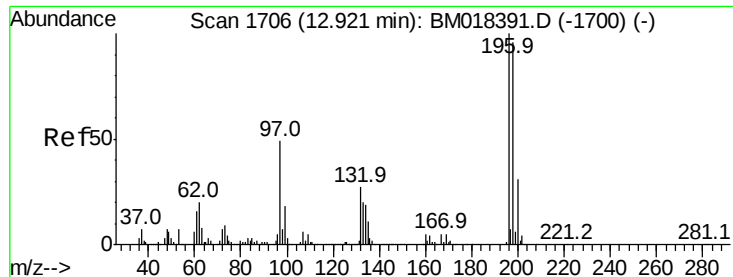
#43
 2,4,6-Trichlorophenol
 Concen: 39.930 ng
 RT: 12.84 min Scan# 1658
 Delta R.T. 0.01 min
 Lab File: BM018486.D
 Acq: 09 Jan 2019 23:06

Tgt Ion:196 Resp: 1129580
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.6 115.0
 200 30.9 24.2 36.4



Abundance Ion 196.00 (195.70 to 196.70): E
 1000000 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

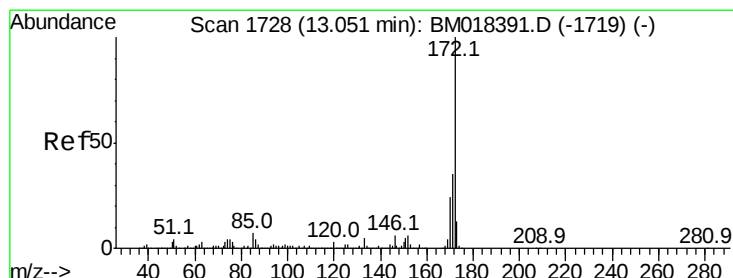
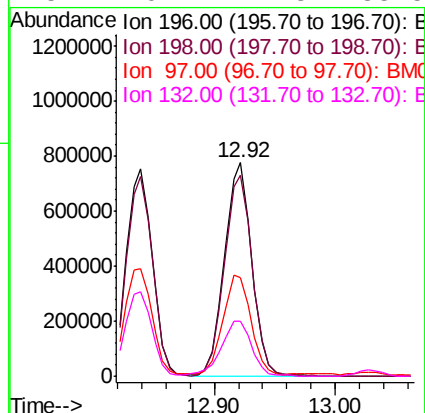
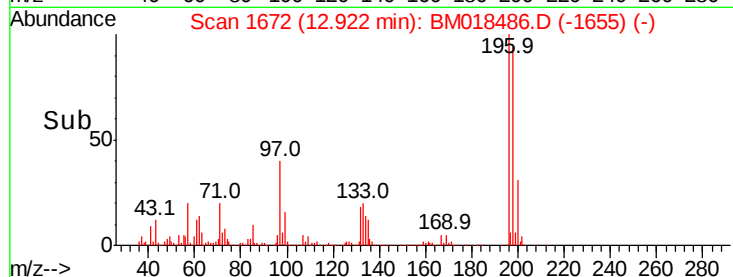
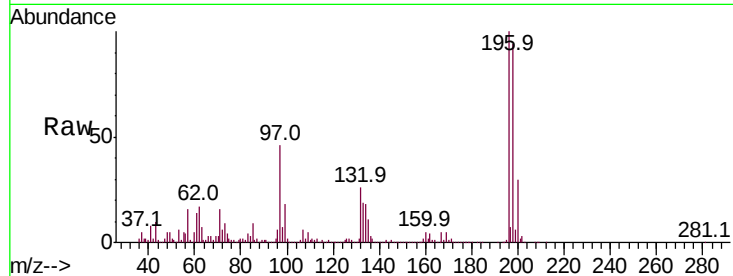




#44
 2,4,5-Trichlorophenol
 Concen: 40.474 ng
 RT: 12.92 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BM018486.D
 Acq: 09 Jan 2019 23:06

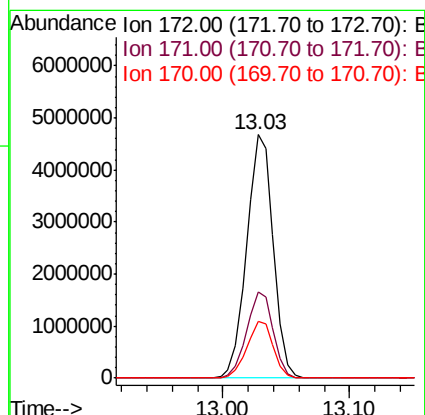
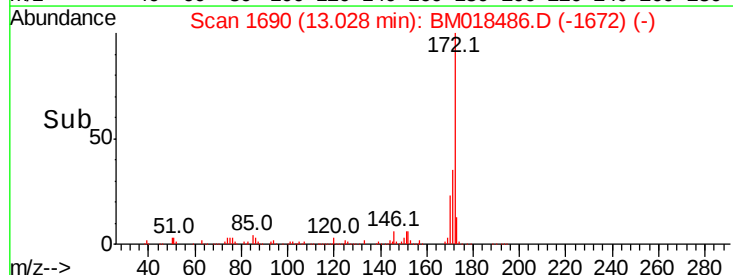
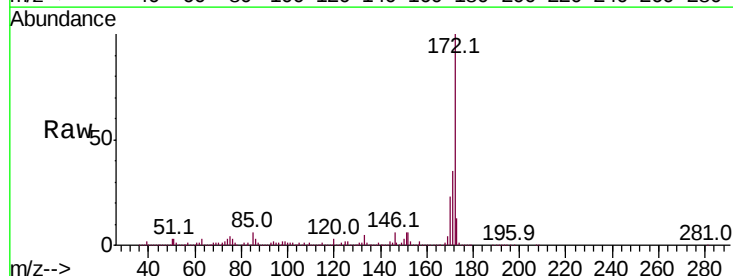
Instrument :
 BNA_M
 ClientSampleId :
 CPSB-15(20-25)MSD

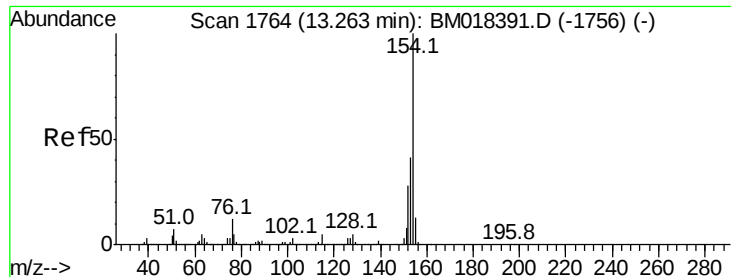
Tot Ion:196 Resp: 1204174
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.7 115.1
 97 46.5 39.2 58.8
 132 26.1 22.3 33.5



#45
 2-Fluorobiphenyl
 Concen: 66.381 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BM018486.D
 Acq: 09 Jan 2019 23:06

Tgt Ion:172 Resp: 6776987
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.2 42.4
 170 23.4 18.9 28.3





#46

1,1'-Biphenyl

Concen: 34.414 ng

RT: 13.25 min Scan# 1727

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

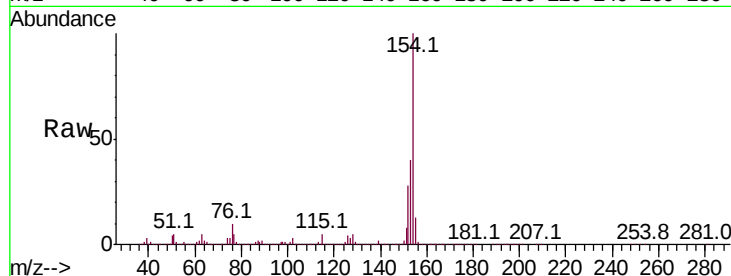
Tot Ion:154 Resp: 4002964

Ion Ratio Lower Upper

154 100

153 40.5 20.5 60.5

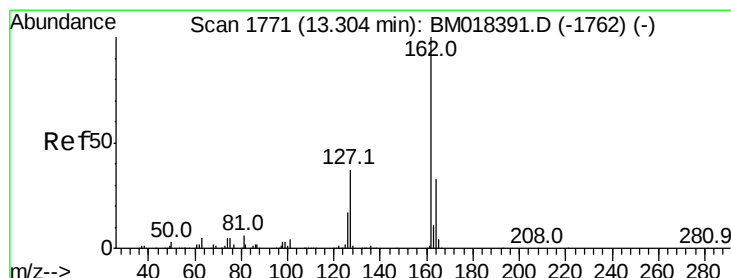
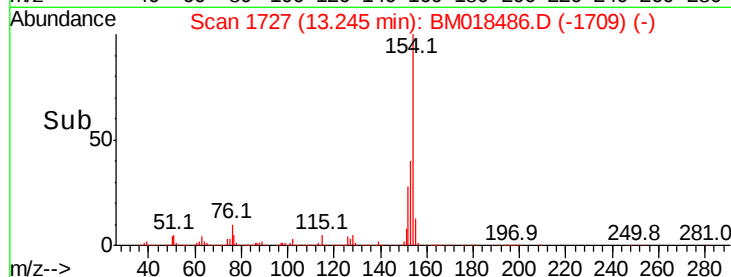
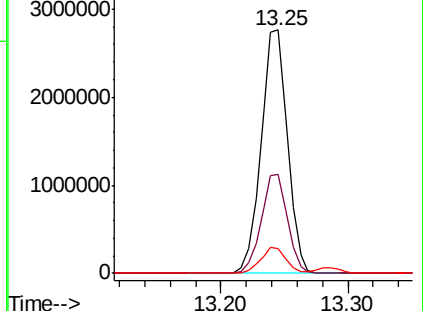
76 10.0 0.0 31.9



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): BM



#47

2-Chloronaphthalene

Concen: 34.904 ng

RT: 13.29 min Scan# 1734

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

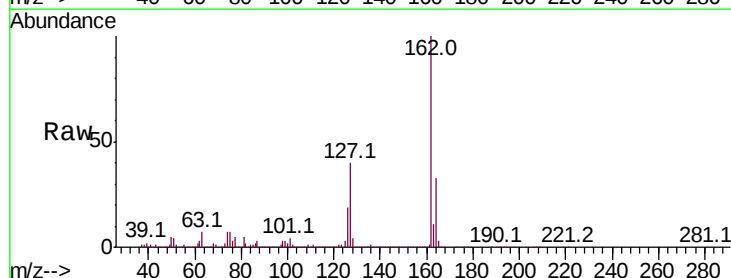
Tgt Ion:162 Resp: 3148354

Ion Ratio Lower Upper

162 100

127 39.7 31.4 47.0

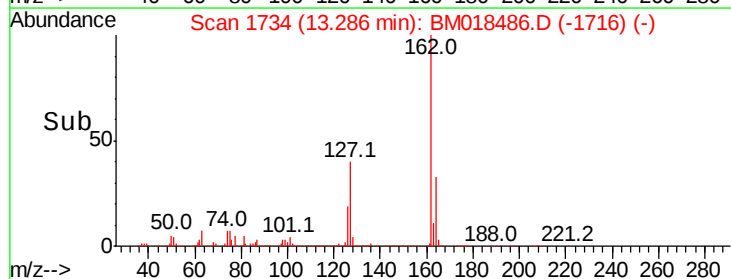
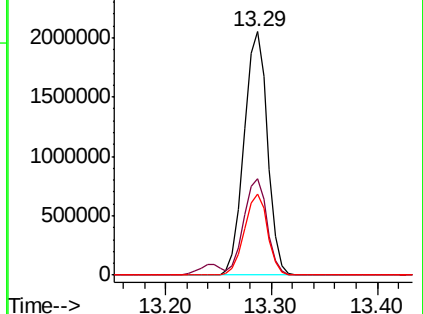
164 33.1 26.2 39.4

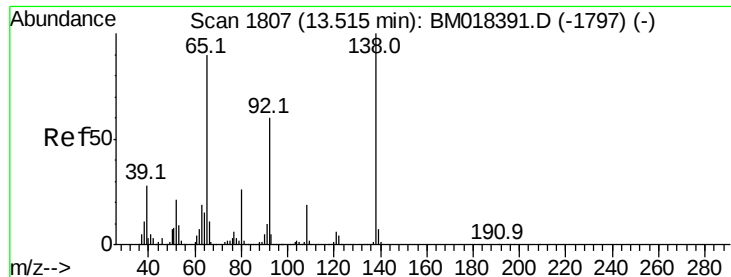


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#48

2-Nitroaniline

Concen: 39.541 ng

RT: 13.50 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

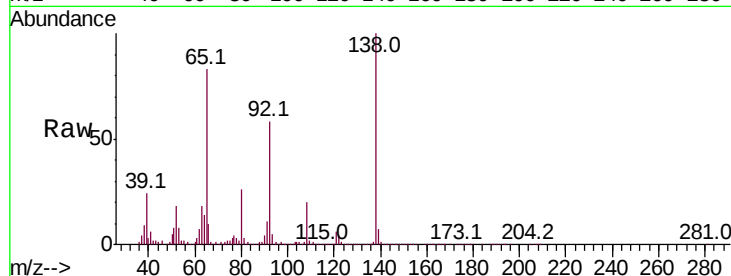
Tot Ion: 65 Resp: 877471

Ion Ratio Lower Upper

65 100

92 70.4 53.4 80.2

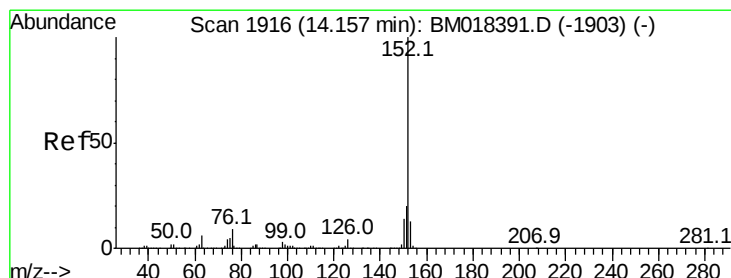
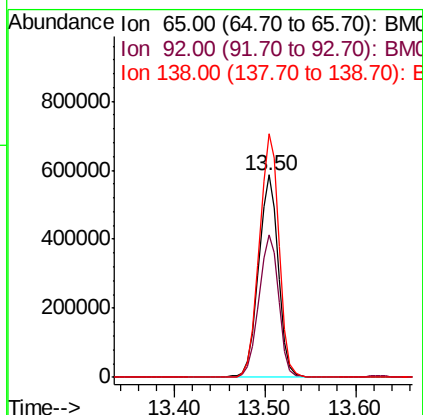
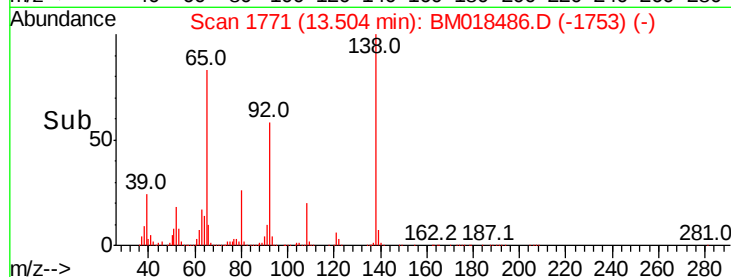
138 120.3 88.9 133.3



Abundance Ion 65.00 (64.70 to 65.70): BM018391.D (-1797) (-)

Ion 92.00 (91.70 to 92.70): BM018391.D (-1797) (-)

Ion 138.00 (137.70 to 138.70): BM018391.D (-1797) (-)



#49

Acenaphthylene

Concen: 37.261 ng

RT: 14.14 min Scan# 1879

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

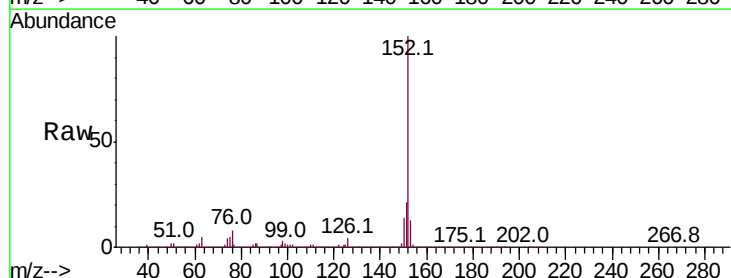
Tgt Ion: 152 Resp: 4897959

Ion Ratio Lower Upper

152 100

151 20.6 15.7 23.5

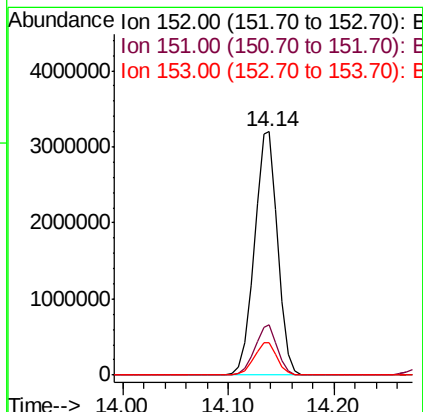
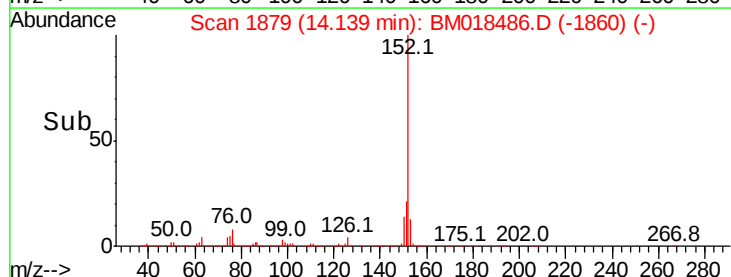
153 13.1 10.5 15.7

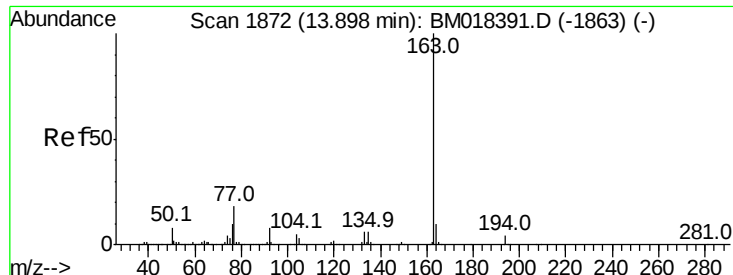


Abundance Ion 152.00 (151.70 to 152.70): BM018391.D (-1903) (-)

Ion 151.00 (150.70 to 151.70): BM018391.D (-1903) (-)

Ion 153.00 (152.70 to 153.70): BM018391.D (-1903) (-)

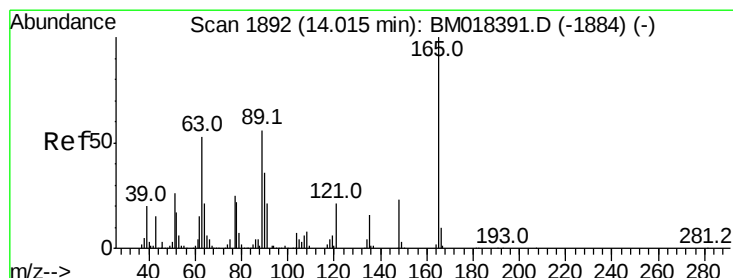
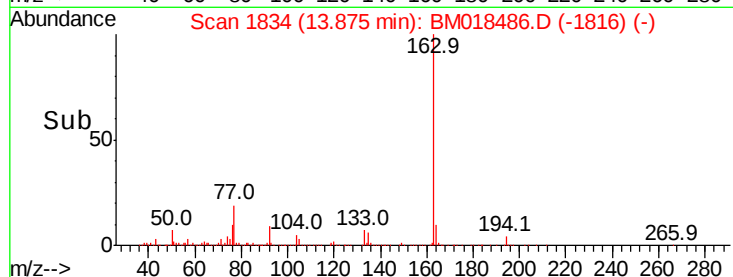
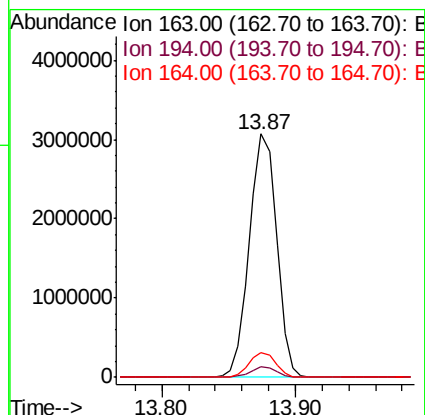
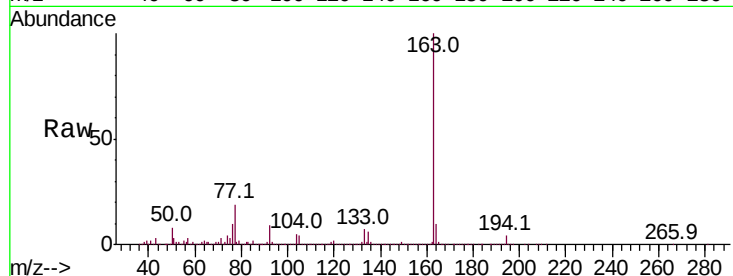




#50
Dimethylphthalate
Concen: 39.484 ng
RT: 13.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

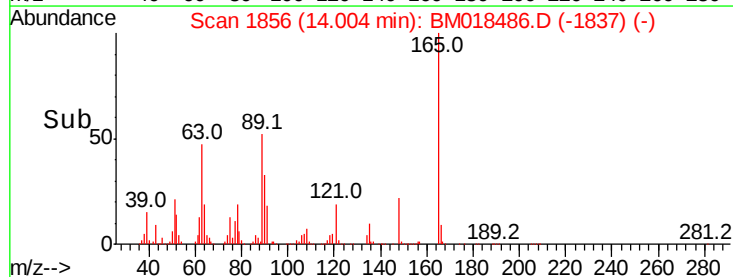
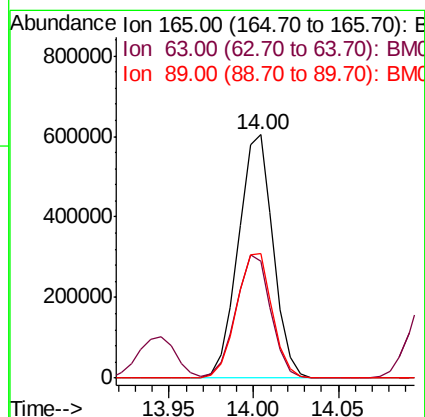
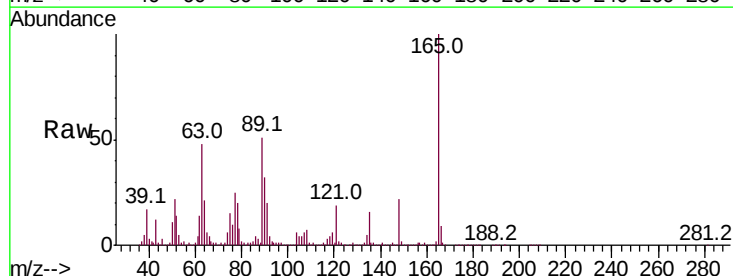
Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)MSD

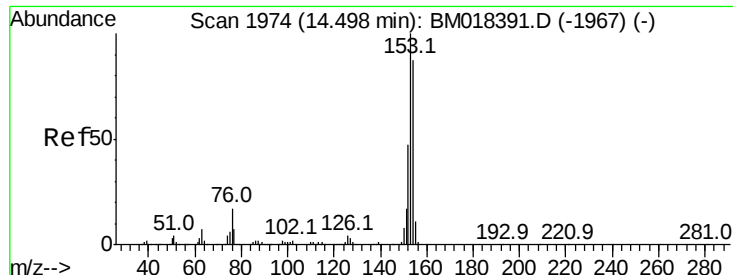
Tot Ion:163 Resp: 4319857
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.3 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 37.250 ng
RT: 14.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

Tgt Ion:165 Resp: 863259
Ion Ratio Lower Upper
165 100
63 48.3 45.6 68.4
89 51.2 44.6 66.8





#52

Acenaphthene

Concen: 36.934 ng

RT: 14.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

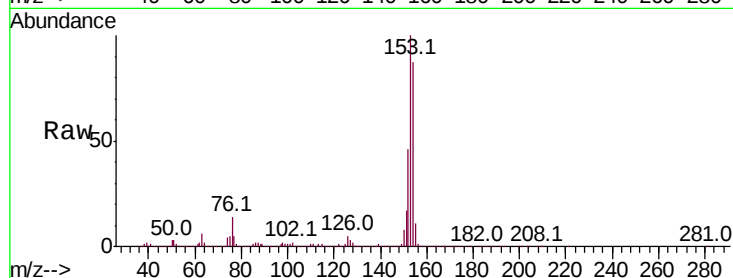
Tot Ion:154 Resp: 2970553

Ion Ratio Lower Upper

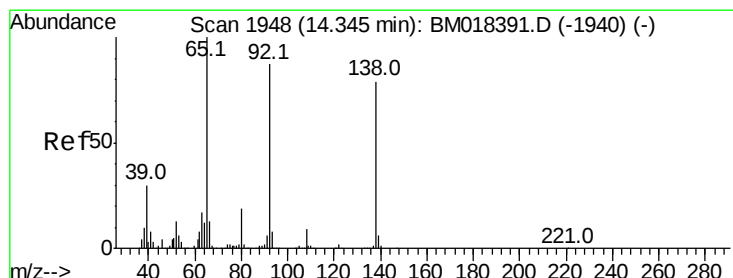
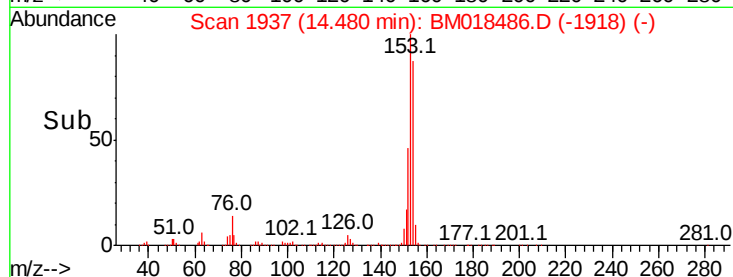
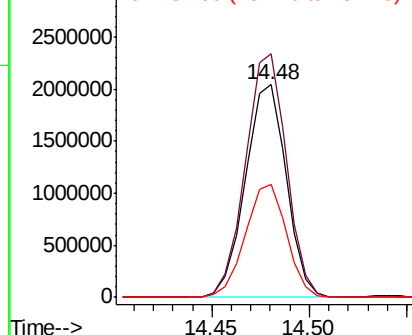
154 100

153 114.6 92.3 138.5

152 53.2 43.8 65.6



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



#53

3-Nitroaniline

Concen: 34.107 ng

RT: 14.34 min Scan# 1913

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

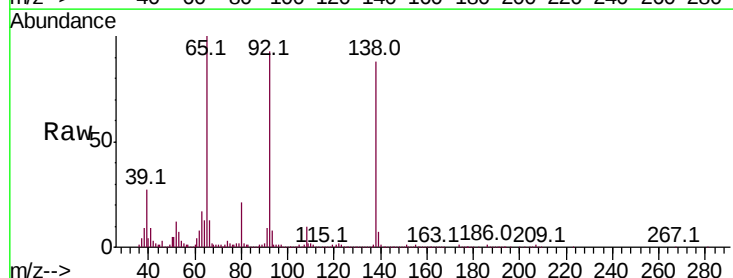
Tgt Ion:138 Resp: 796877

Ion Ratio Lower Upper

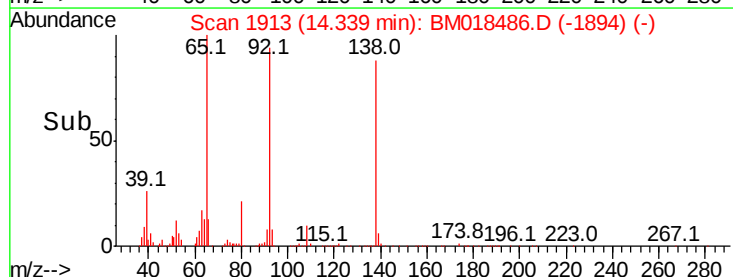
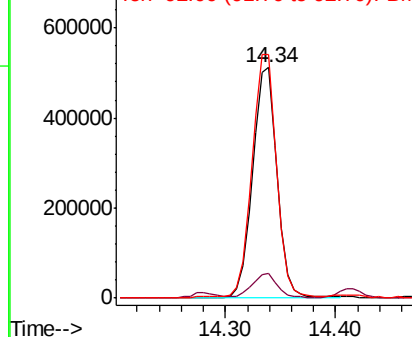
138 100

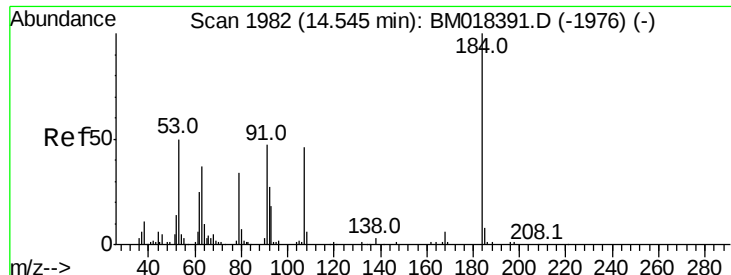
108 11.0 9.1 13.7

92 105.7 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): E

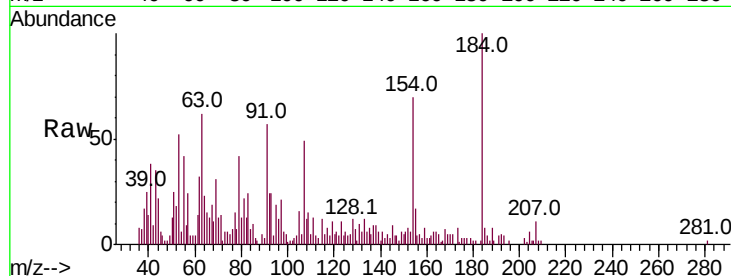




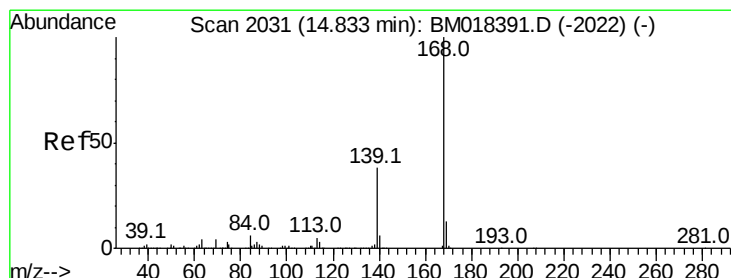
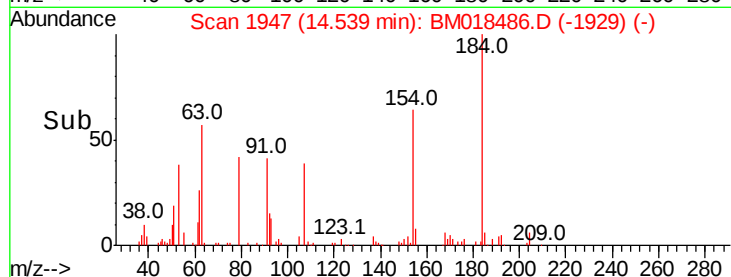
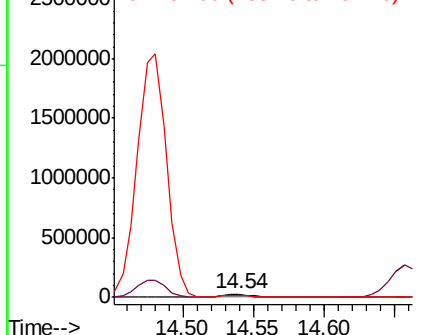
#54
2,4-Dinitrophenol
Concen: 9.978 ng
RT: 14.54 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)MSD

Tot Ion:184 Resp: 38277
Ion Ratio Lower Upper
184 100
63 62.0 55.9 83.9
154 69.8 54.2 81.4

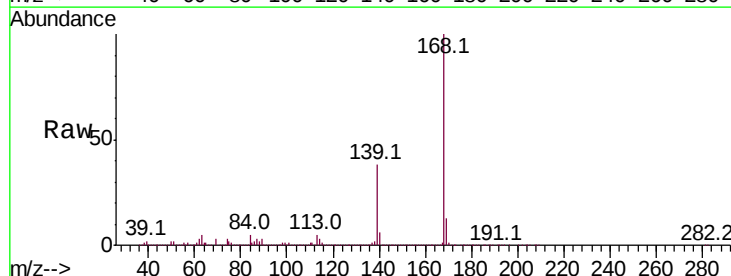


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

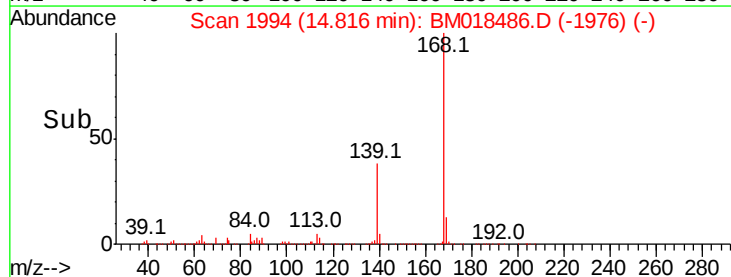
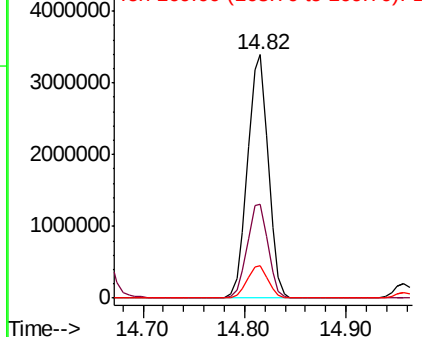


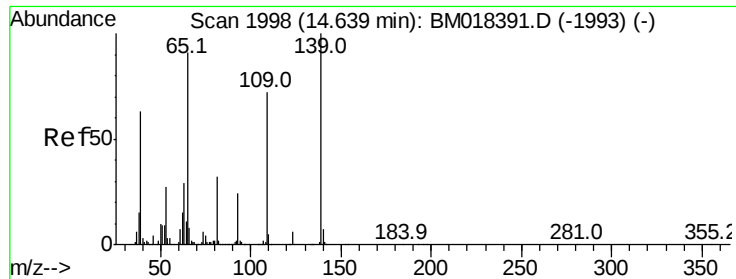
#55
Dibenzofuran
Concen: 36.020 ng
RT: 14.82 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

Tgt Ion:168 Resp: 4786760
Ion Ratio Lower Upper
168 100
139 38.5 30.3 45.5
169 13.1 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

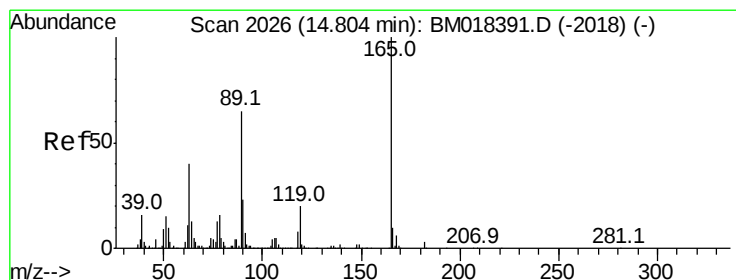
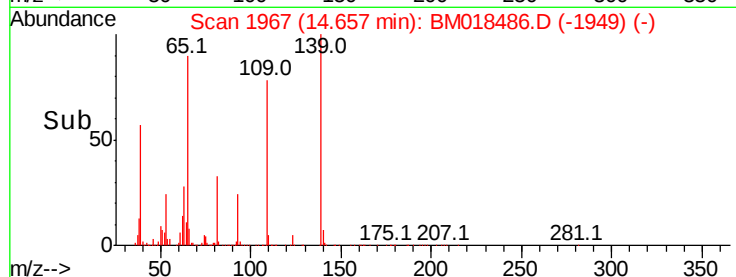
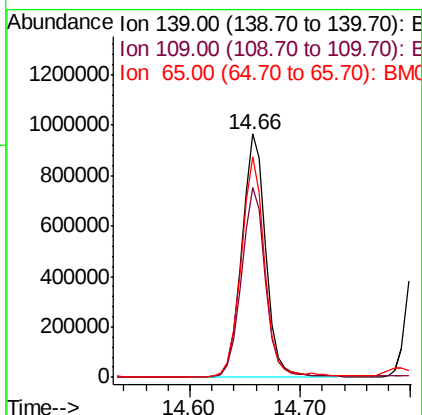
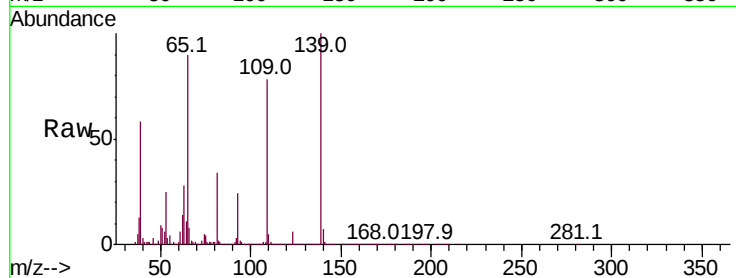




#56
4-Nitrophenol
Concen: 72.672 ng
RT: 14.66 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

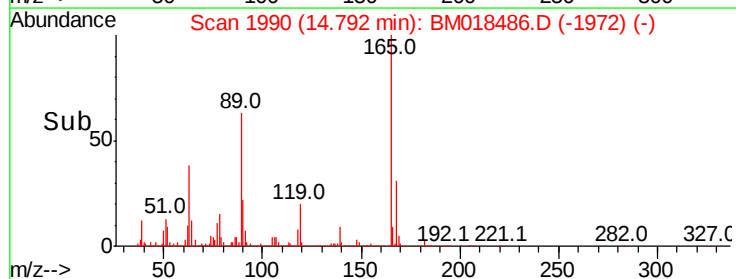
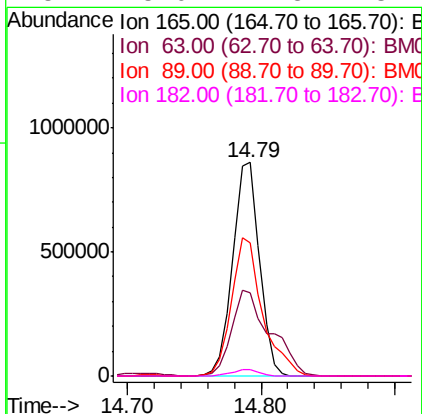
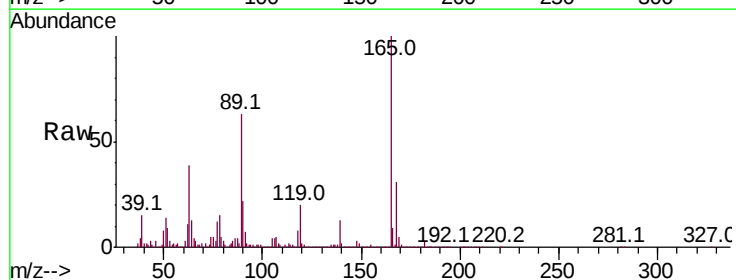
Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)MSD

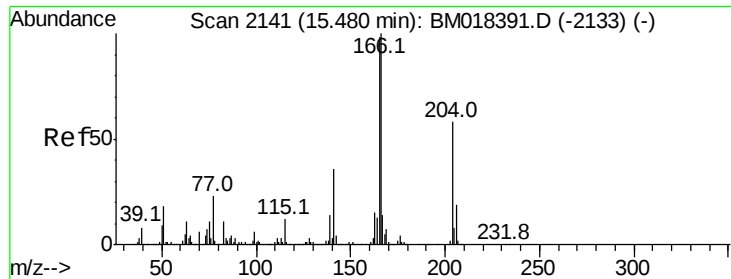
Tot Ion:139 Resp: 1466832
Ion Ratio Lower Upper
139 100
109 78.0 51.7 91.7
65 90.5 71.4 111.4



#57
2,4-Dinitrotoluene
Concen: 36.655 ng
RT: 14.79 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

Tgt Ion:165 Resp: 1201918
Ion Ratio Lower Upper
165 100
63 38.8 32.2 48.2
89 62.6 52.1 78.1
182 3.0 2.5 3.7

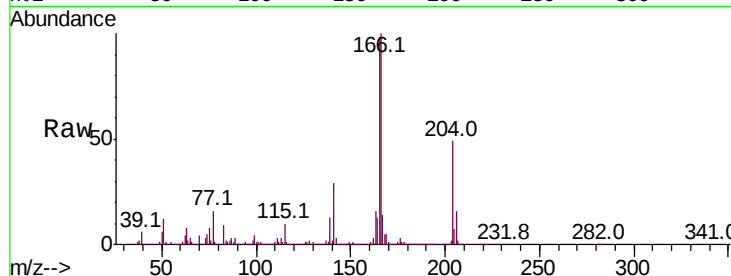




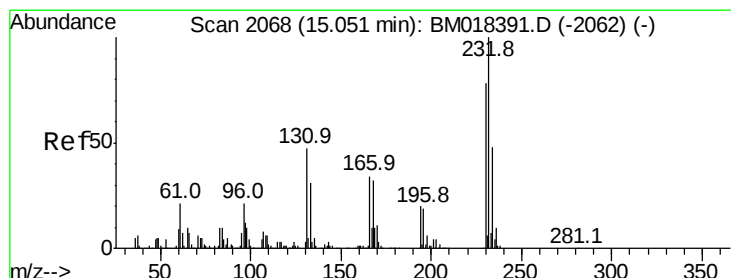
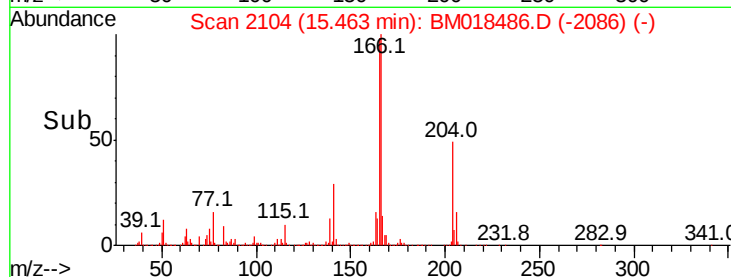
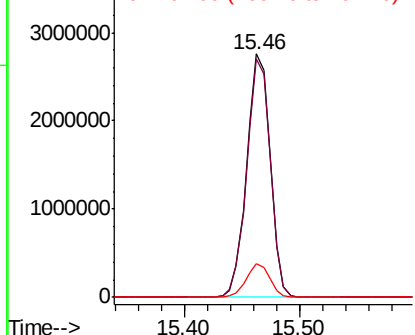
#58
 Fluorene
 Concen: 39.445 ng
 RT: 15.46 min Scan# 2104
 Delta R.T. 0.01 min
 Lab File: BM018486.D
 Acq: 09 Jan 2019 23:06

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-15(20-25)MSD

Tot Ion:166 Resp: 3904864
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.3 117.5
 167 13.7 10.9 16.3

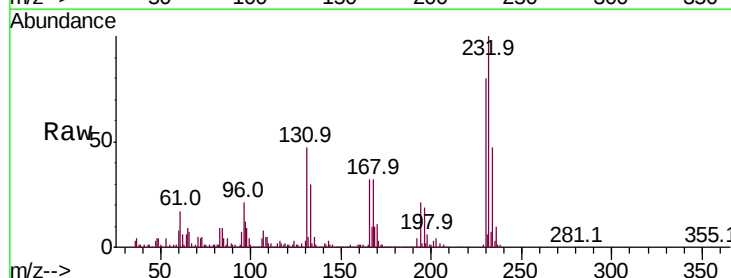


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

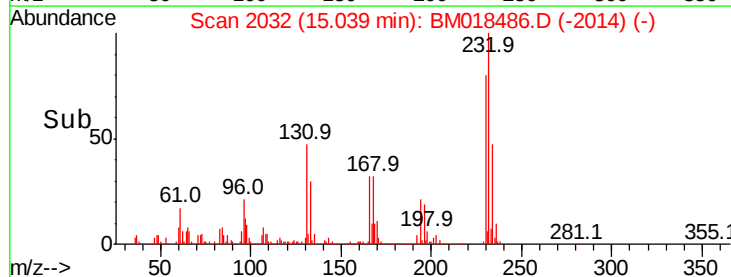
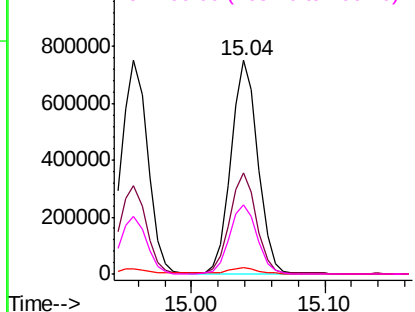


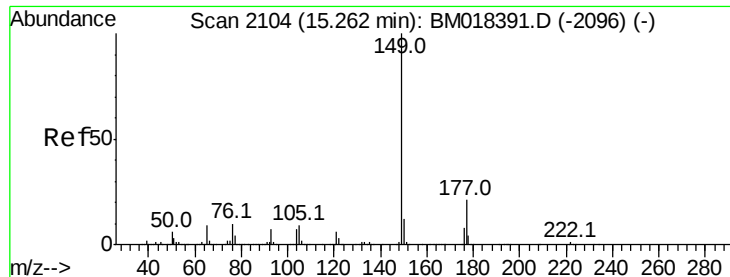
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.915 ng
 RT: 15.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BM018486.D
 Acq: 09 Jan 2019 23:06

Tgt Ion:232 Resp: 1052612
 Ion Ratio Lower Upper
 232 100
 131 46.6 38.6 57.8
 130 3.1 2.2 3.4
 166 33.2 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: 36.620 ng

RT: 15.24 min Scan# 2066

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

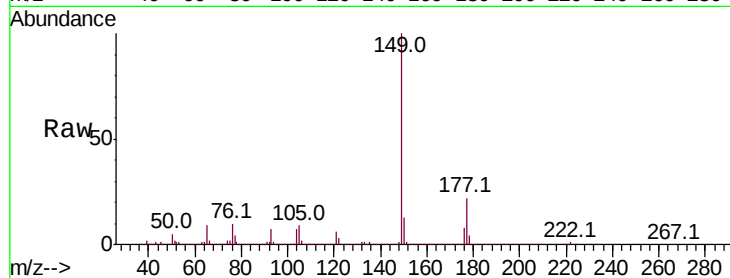
Tot Ion:149 Resp: 4044634

Ion Ratio Lower Upper

149 100

177 21.9 17.1 25.7

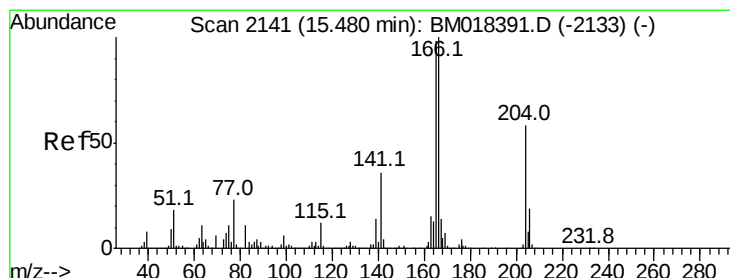
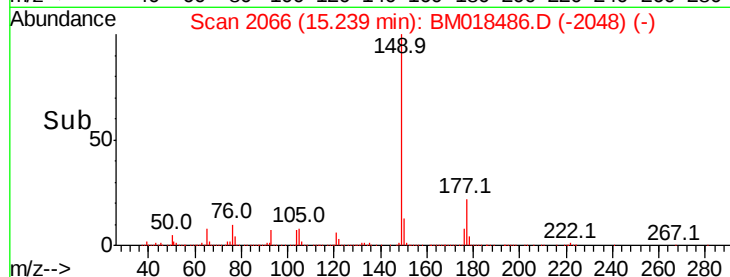
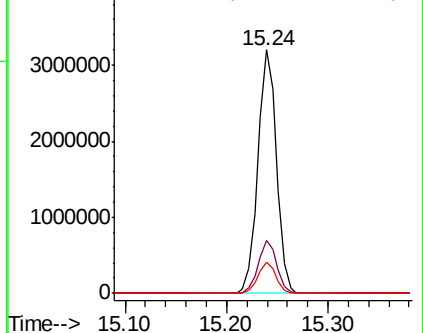
150 12.6 9.8 14.6



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: 34.721 ng

RT: 15.46 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

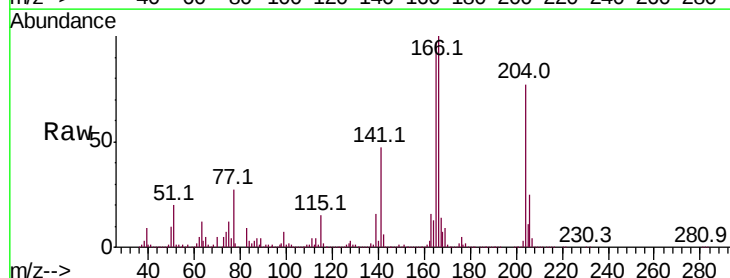
Tgt Ion:204 Resp: 1981052

Ion Ratio Lower Upper

204 100

206 32.3 25.8 38.6

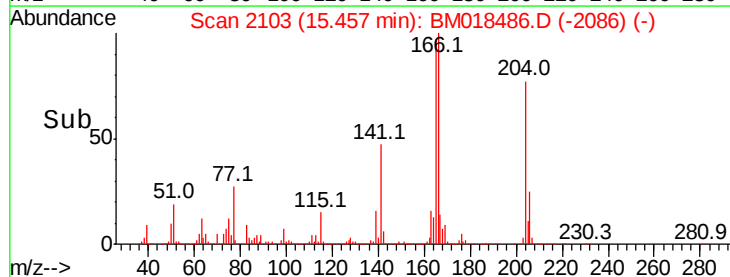
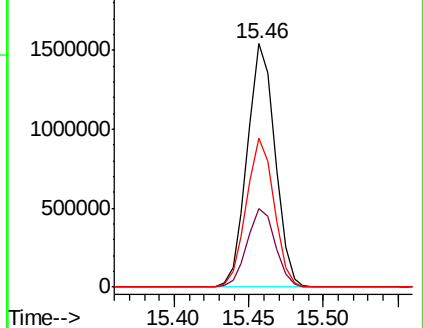
141 61.0 49.5 74.3

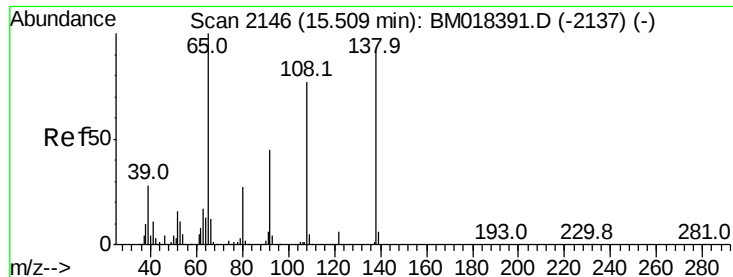


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 36.317 ng

RT: 15.50 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

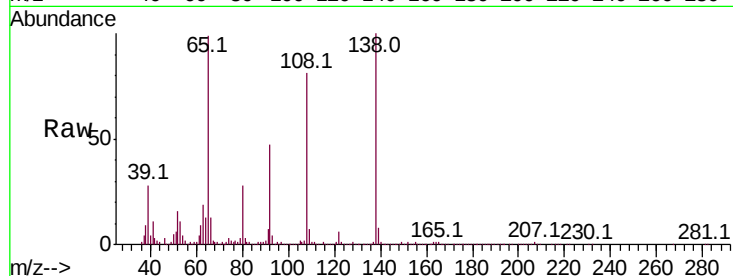
Tot Ion:138 Resp: 925519

Ion Ratio Lower Upper

138 100

92 47.0 29.0 69.0

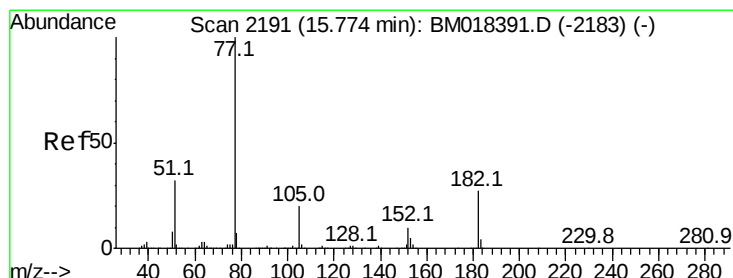
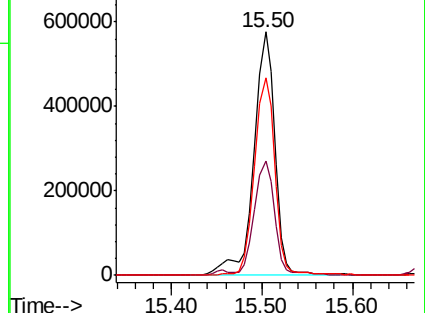
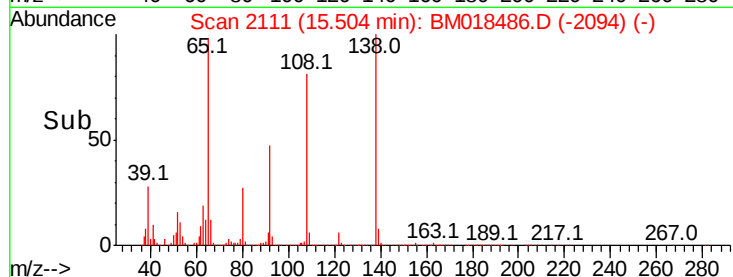
108 81.1 63.9 103.9



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: 35.525 ng

RT: 15.75 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Tgt Ion: 77 Resp: 3199004

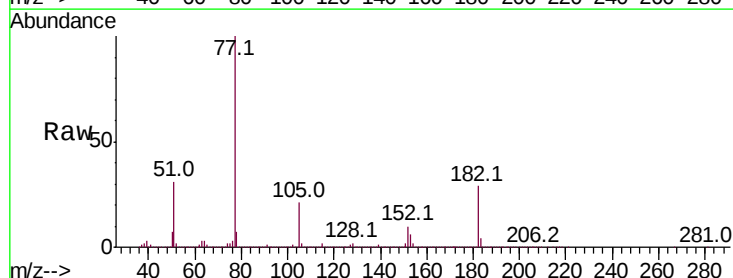
Ion Ratio Lower Upper

77 100

182 29.3 7.4 47.4

105 21.3 0.0 39.6

51 31.5 12.0 52.0

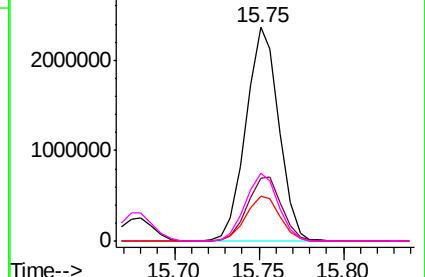
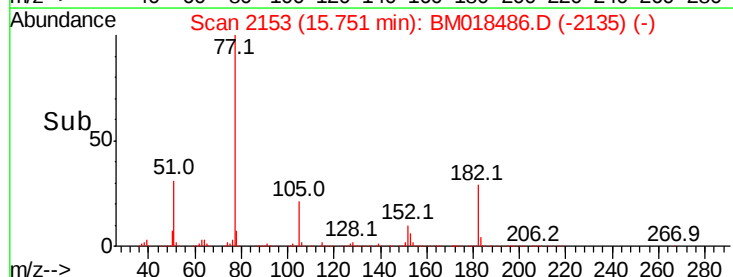


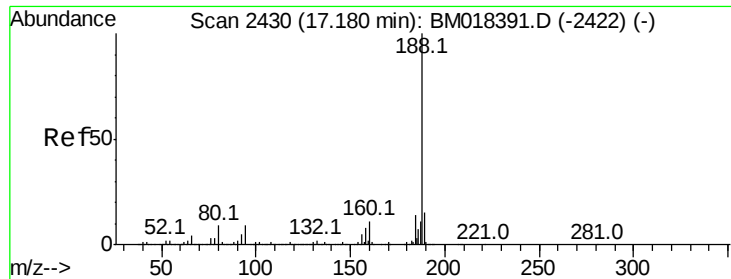
Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2393

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

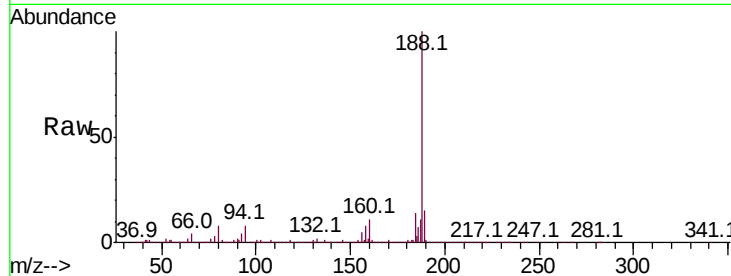
Tot Ion:188 Resp: 2914043

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

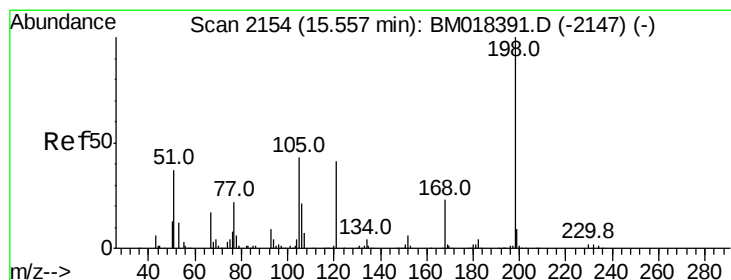
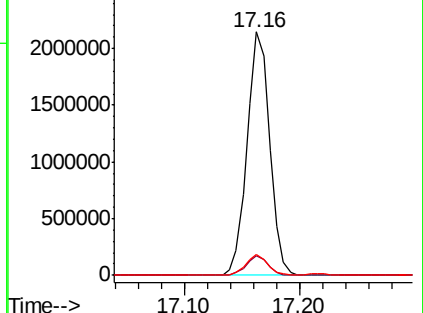
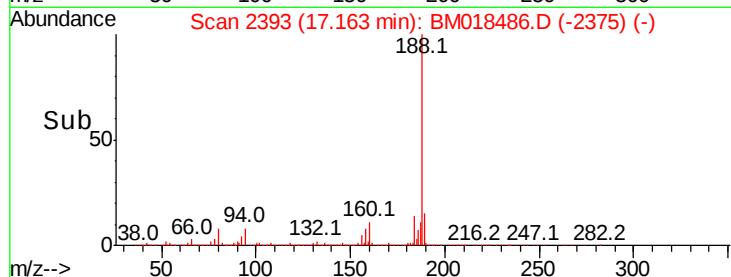
80 8.3 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#65

4,6-Dinitro-2-methylphenol

Concen: 14.356 ng

RT: 15.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

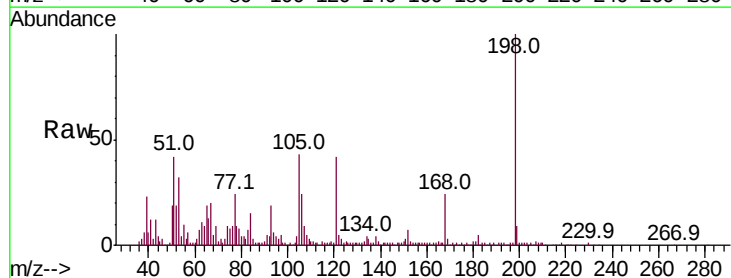
Tgt Ion:198 Resp: 187547

Ion Ratio Lower Upper

198 100

51 42.2 29.6 69.6

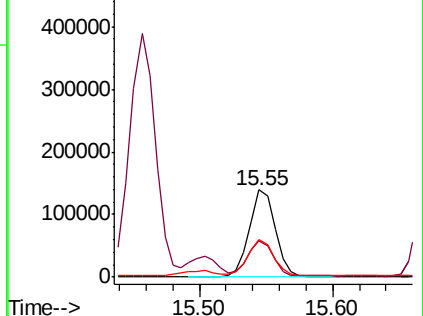
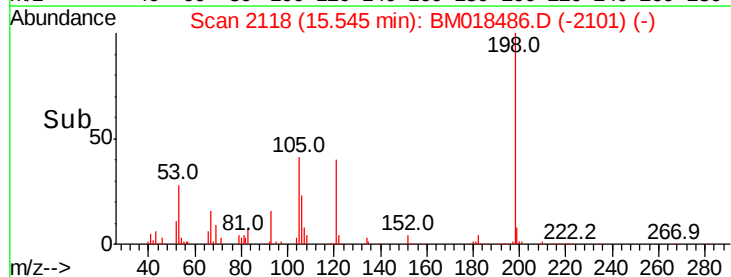
105 43.0 25.5 65.5

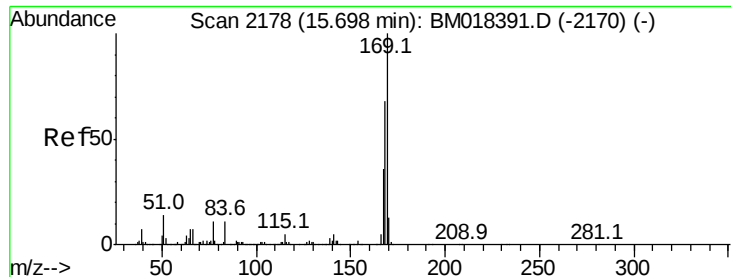


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

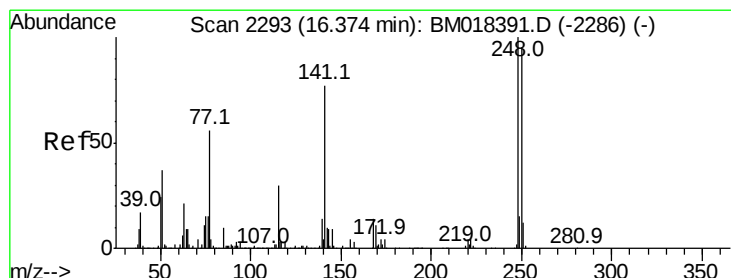
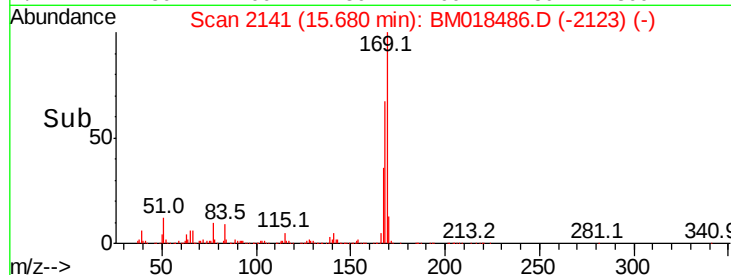
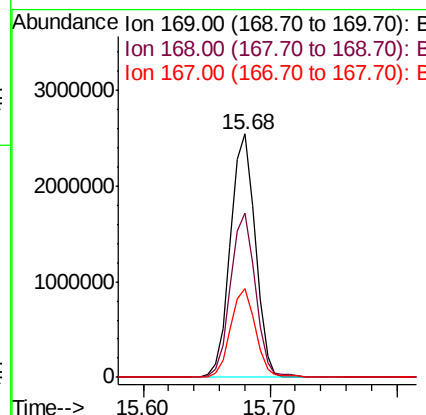
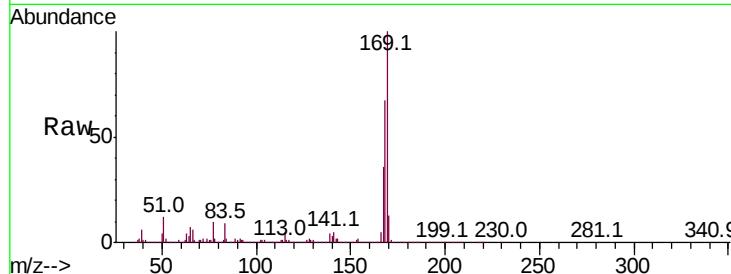




#66
n-Nitrosodiphenylamine
Concen: 37.952 ng
RT: 15.68 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

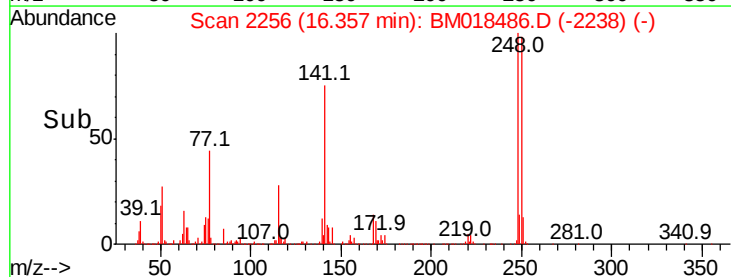
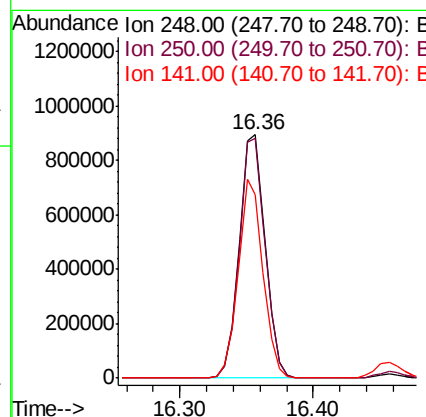
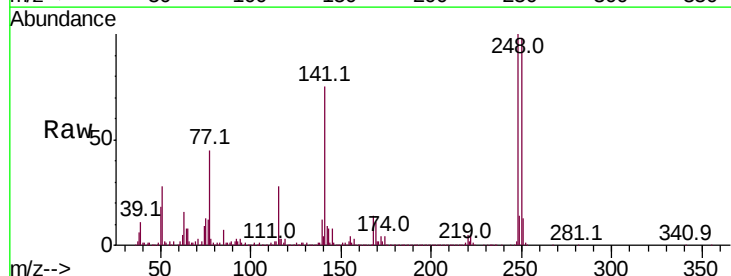
Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)MSD

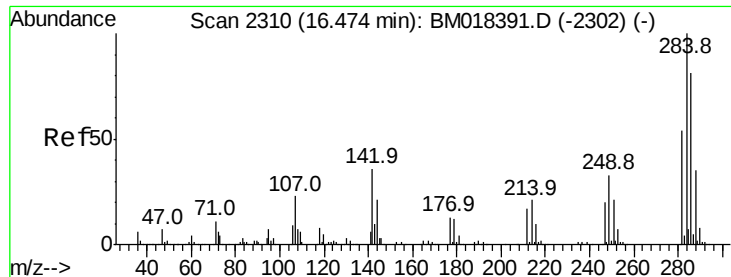
Tot Ion:169 Resp: 3430551
Ion Ratio Lower Upper
169 100
168 67.3 54.1 81.1
167 36.4 28.6 42.8



#67
4-Bromophenyl-phenylether
Concen: 37.035 ng
RT: 16.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

Tgt Ion:248 Resp: 1207718
Ion Ratio Lower Upper
248 100
250 98.3 76.0 114.0
141 75.4 61.5 92.3





#68

Hexachlorobenzene

Concen: 35.573 ng

RT: 16.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

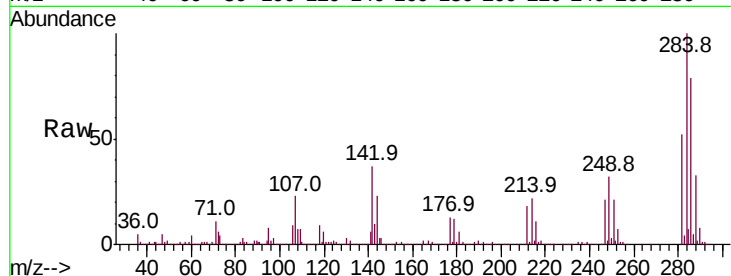
Tot Ion:284 Resp: 1298644

Ion Ratio Lower Upper

284 100

142 36.8 29.2 43.8

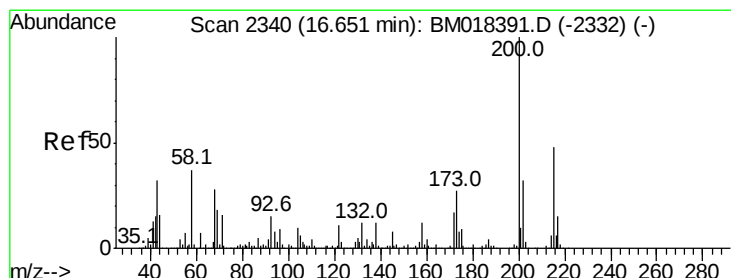
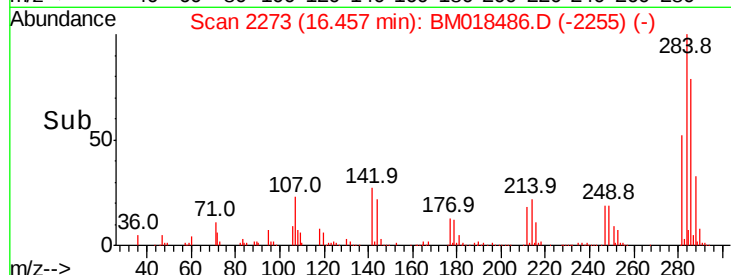
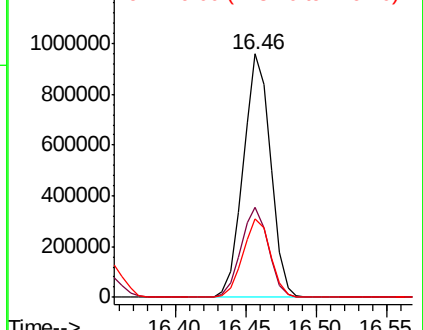
249 32.4 26.1 39.1



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: 33.877 ng

RT: 16.63 min Scan# 2303

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

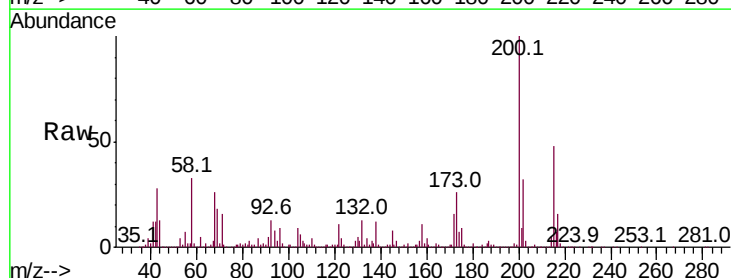
Tgt Ion:200 Resp: 1107054

Ion Ratio Lower Upper

200 100

173 25.7 7.2 47.2

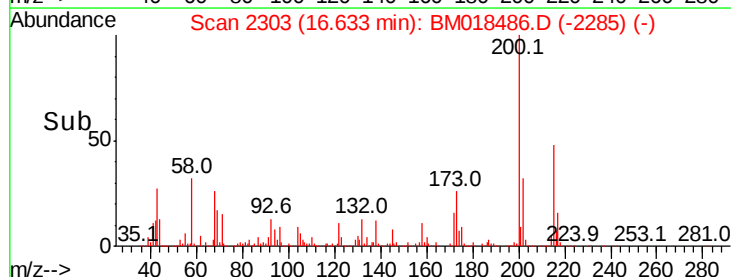
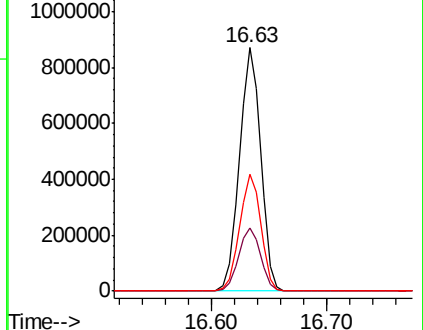
215 48.0 28.3 68.3

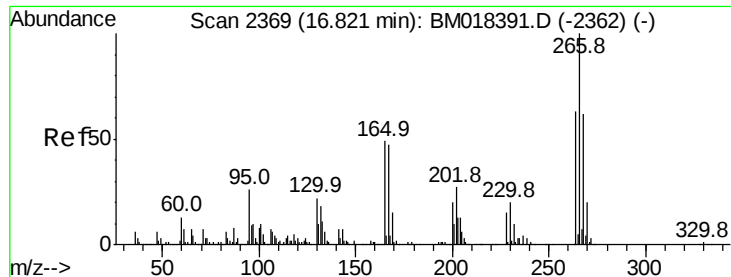


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

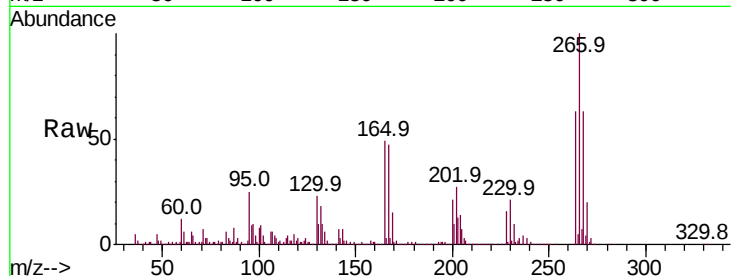




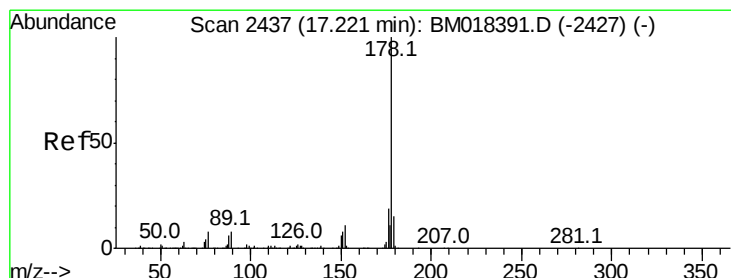
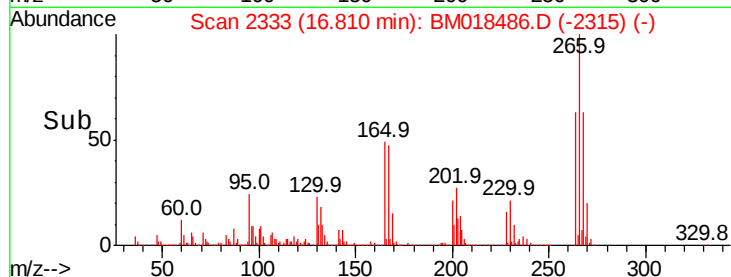
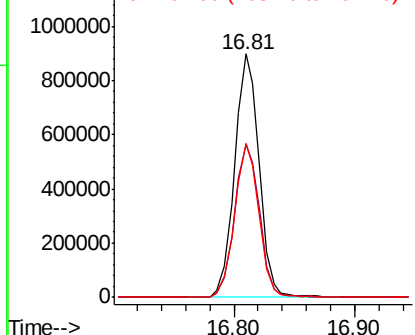
#70
 Pentachlorophenol
 Concen: 52.956 ng
 RT: 16.81 min Scan# 2333
 Delta R.T. 0.01 min
 Lab File: BM018486.D
 Acq: 09 Jan 2019 23:06

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-15(20-25)MSD

Tot Ion:266 Resp: 1266105
 Ion Ratio Lower Upper
 266 100
 268 62.6 49.8 74.6
 264 63.4 50.1 75.1

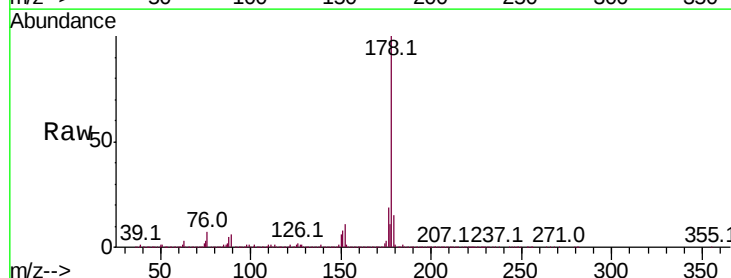


Abundance Ion 265.70 (265.40 to 266.40): E
 1200000 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

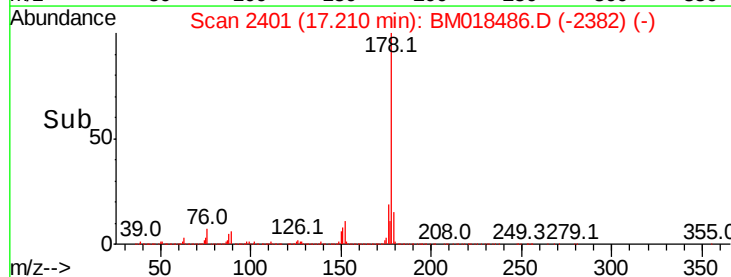
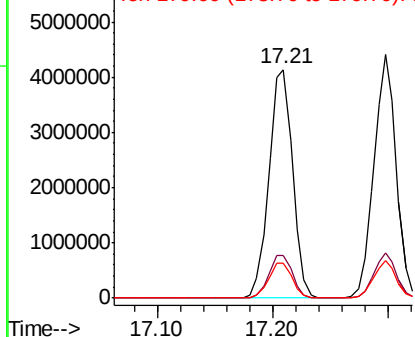


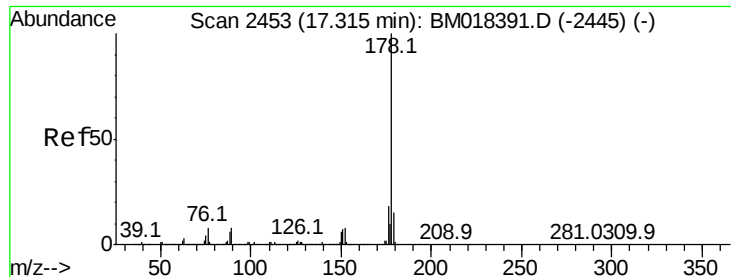
#71
 Phenanthrene
 Concen: 38.048 ng
 RT: 17.21 min Scan# 2401
 Delta R.T. 0.01 min
 Lab File: BM018486.D
 Acq: 09 Jan 2019 23:06

Tgt Ion:178 Resp: 5897354
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 15.2 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
 6000000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



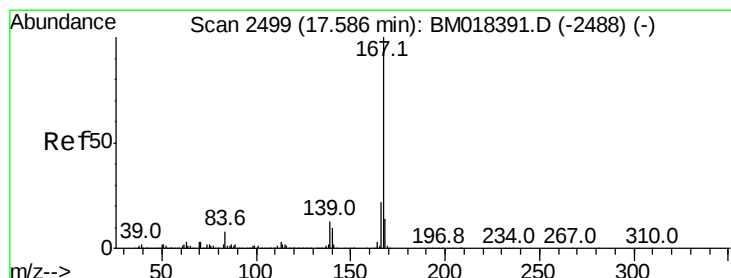
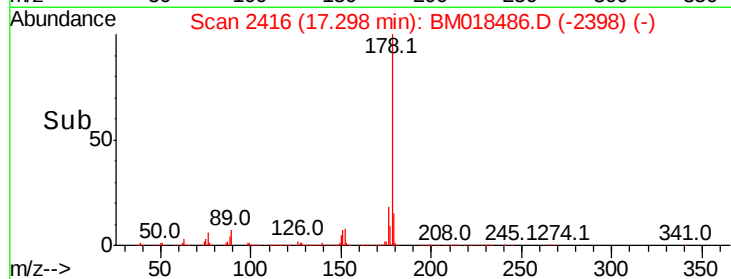
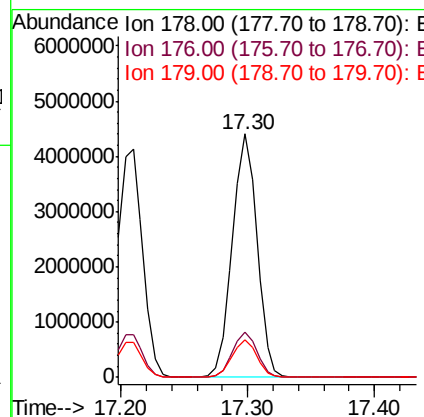
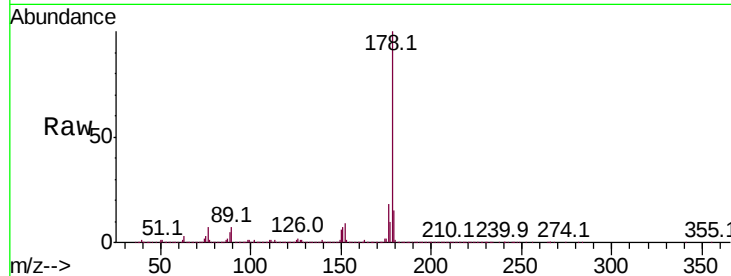


#72
 Anthracene
 Concen: 39.722 ng
 RT: 17.30 min Scan# 2416
 Delta R.T. 0.01 min
 Lab File: BM018486.D
 Acq: 09 Jan 2019 23:06

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-15(20-25)MSD

Tot Ion:178 Resp: 5920484

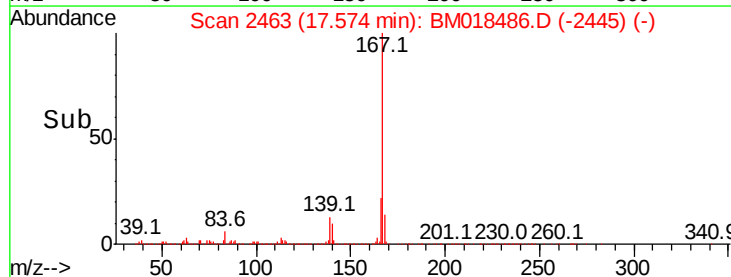
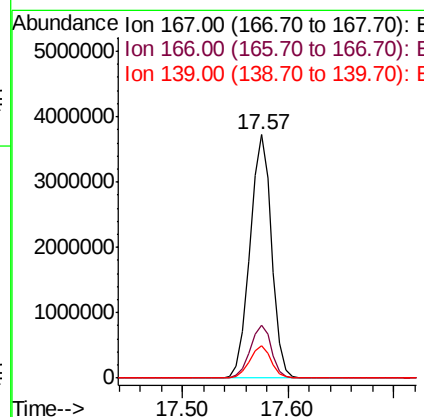
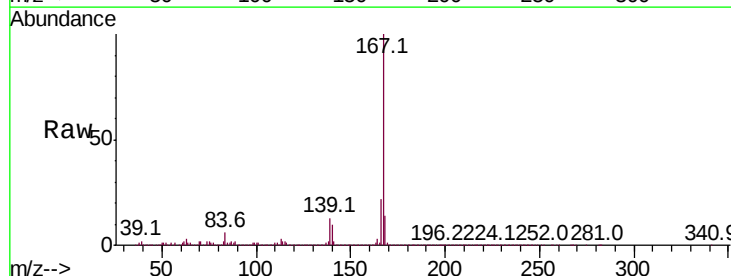
Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.3	12.2	18.4

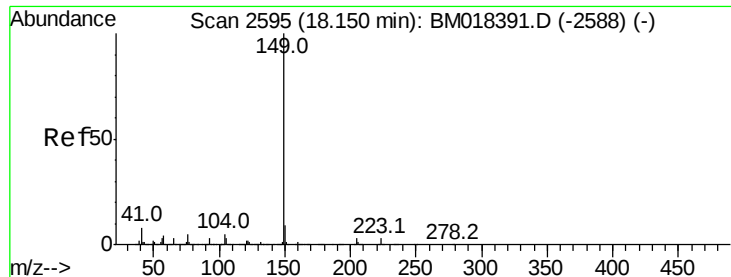


#73
 Carbazole
 Concen: 34.467 ng
 RT: 17.57 min Scan# 2463
 Delta R.T. 0.01 min
 Lab File: BM018486.D
 Acq: 09 Jan 2019 23:06

Tgt Ion:167 Resp: 5277883

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	13.3	10.6	16.0





#74

Di-n-butylphthalate

Concen: 41.275 ng

RT: 18.13 min Scan# 2557

Delta R.T. 0.00 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

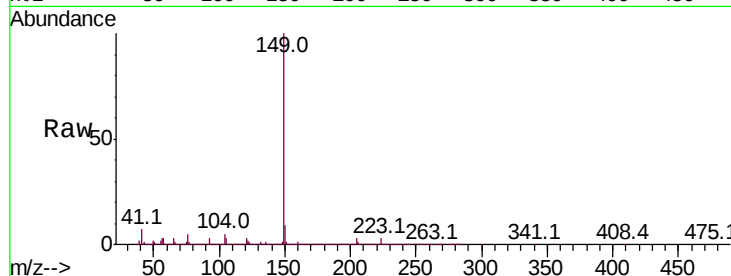
Tot Ion:149 Resp: 6923259

Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

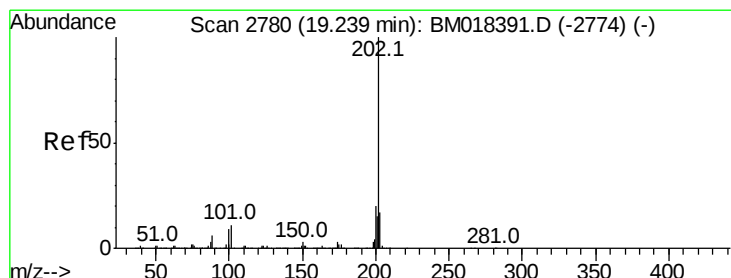
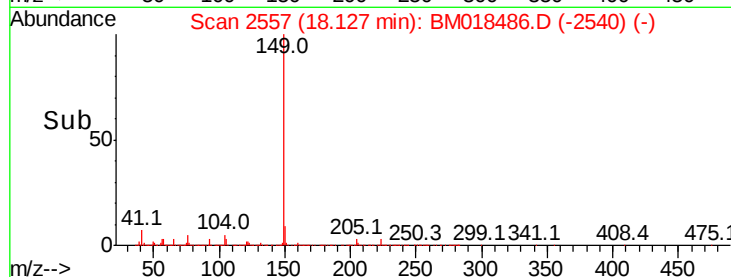
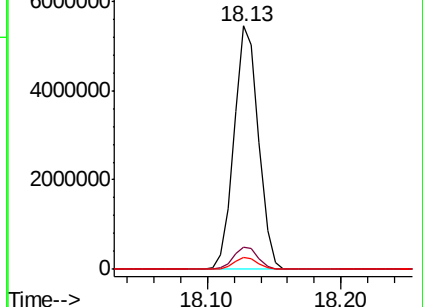
104 5.1 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 32.803 ng

RT: 19.23 min Scan# 2744

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

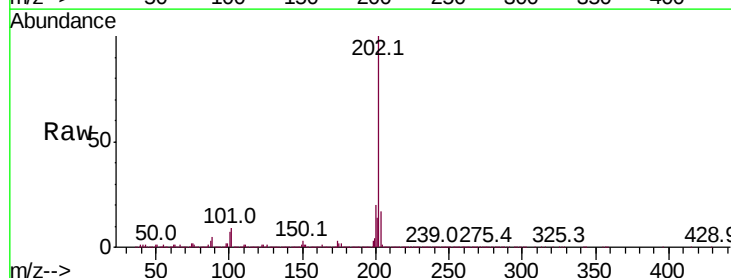
Tgt Ion:202 Resp: 5861903

Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.9

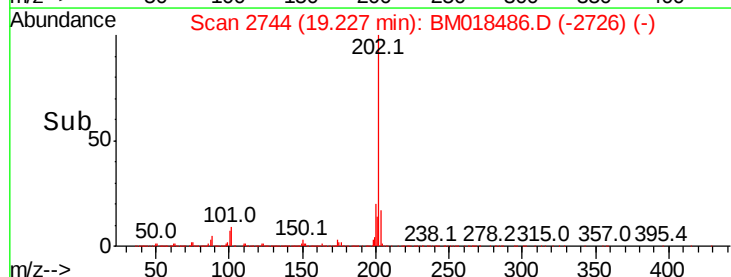
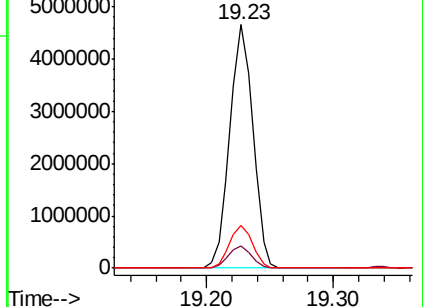
203 17.4 0.0 37.4

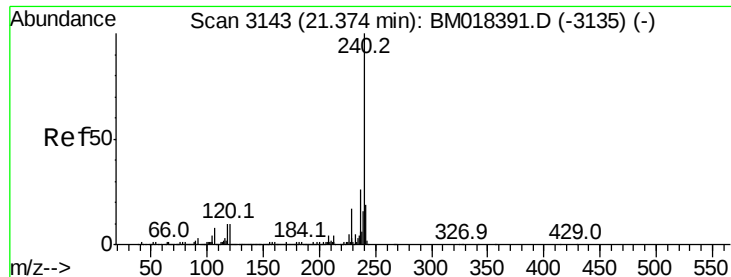


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.36 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

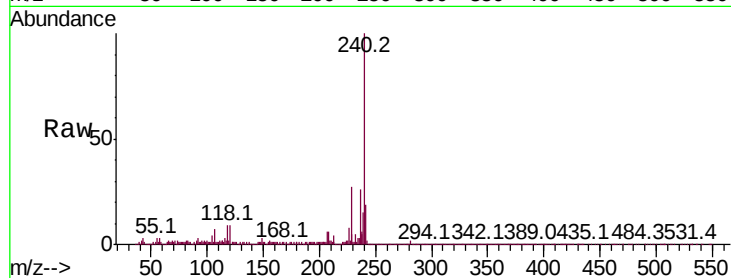
Tot Ion:240 Resp: 2196611

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

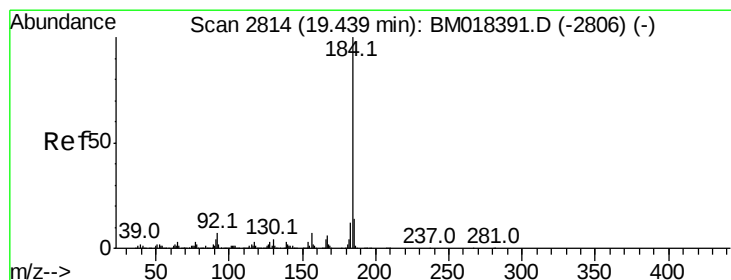
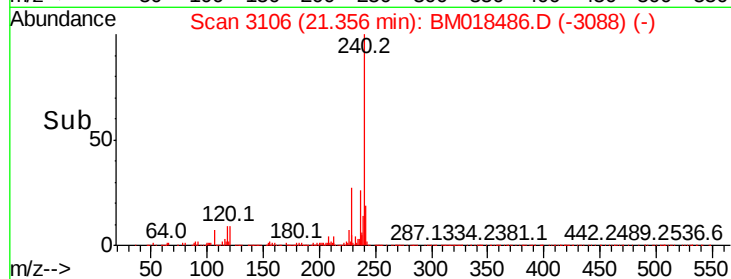
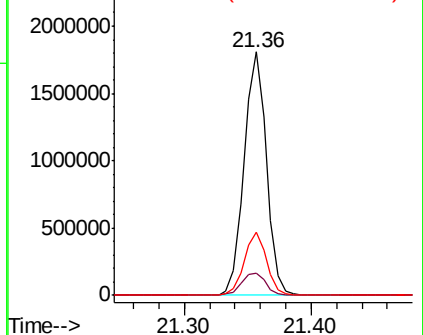
236 26.0 20.7 31.1



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: 10.799 ng

RT: 19.42 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

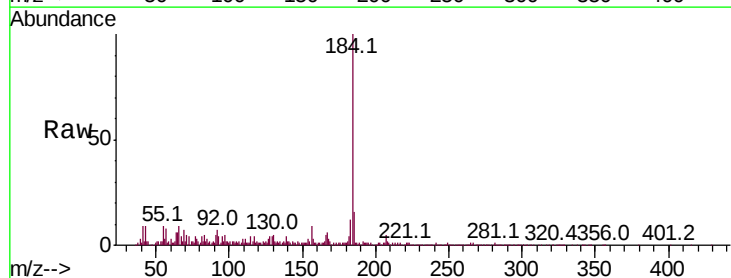
Tgt Ion:184 Resp: 585730

Ion Ratio Lower Upper

184 100

185 15.8 11.4 17.0

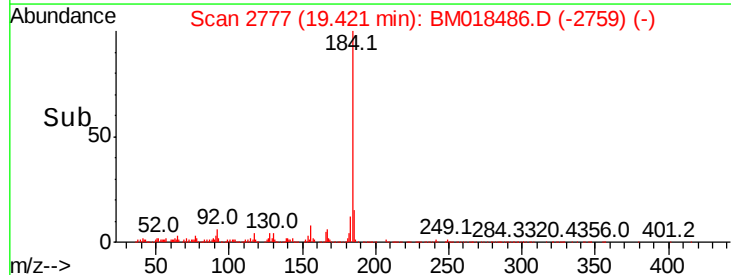
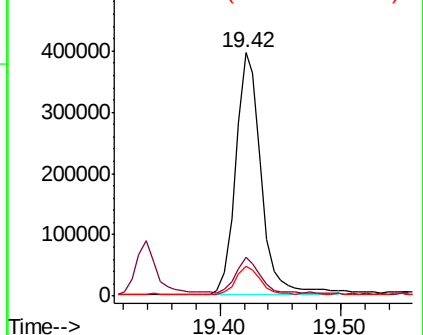
183 12.2 9.5 14.3

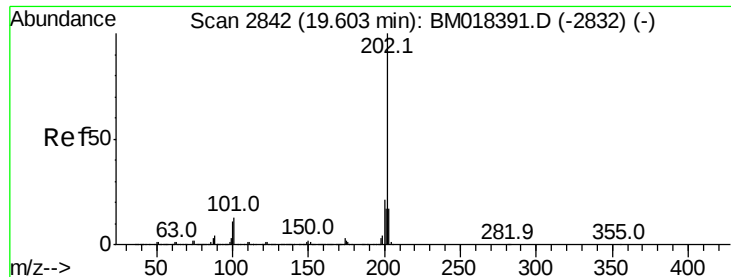


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 44.304 ng

RT: 19.59 min Scan# 2806

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

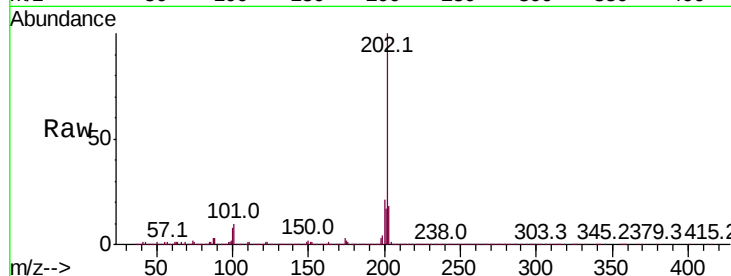
Tot Ion:202 Resp: 5768567

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

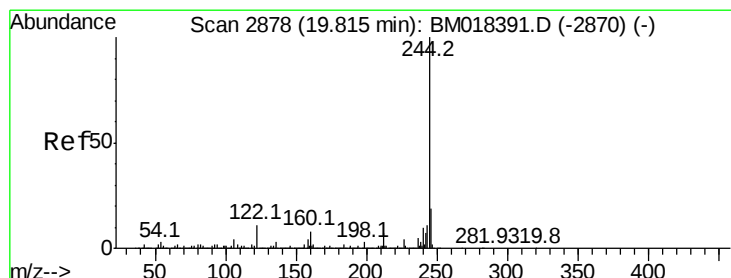
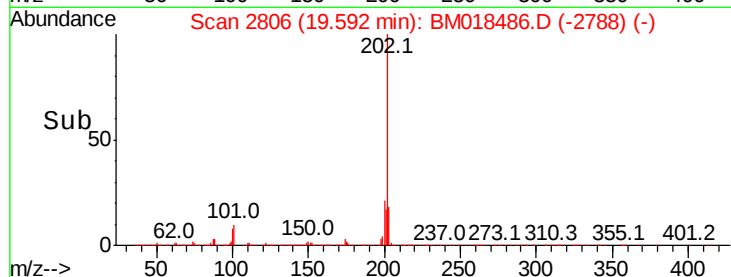
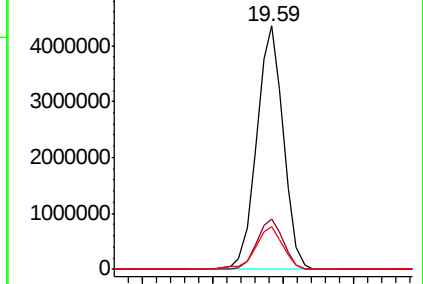
203 17.8 13.8 20.8



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: 78.107 ng

RT: 19.79 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

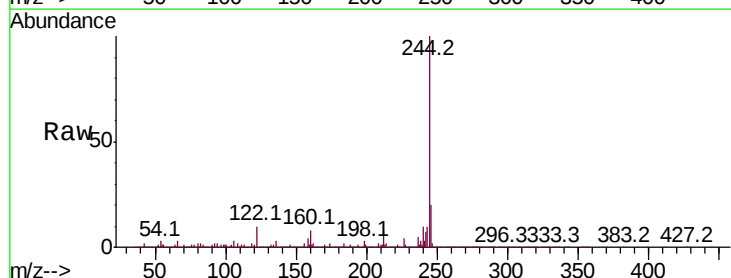
Tgt Ion:244 Resp: 8138917

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

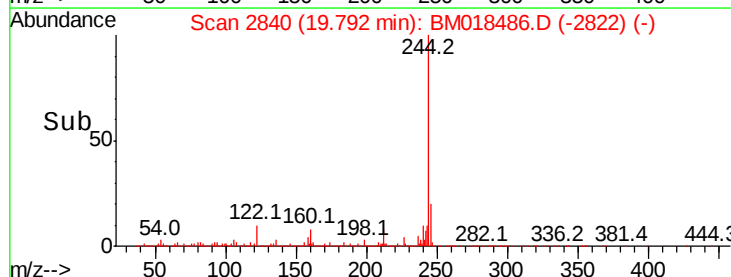
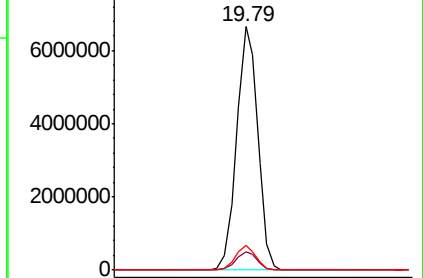
122 10.0 9.0 13.4

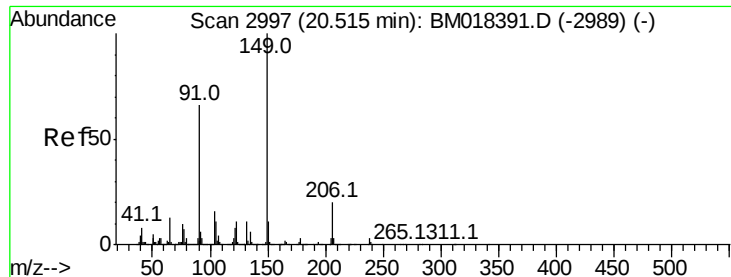


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

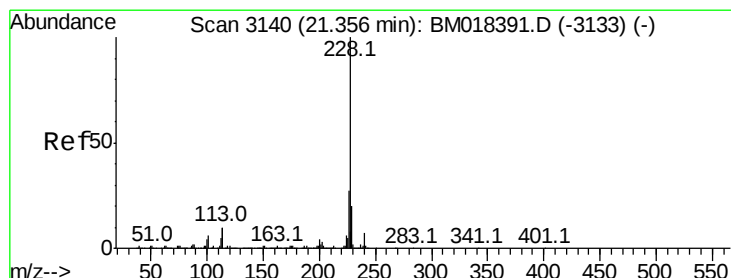
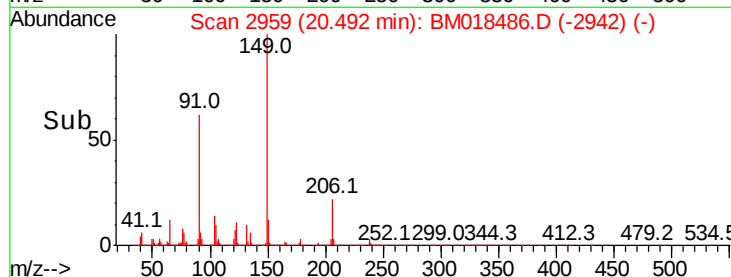
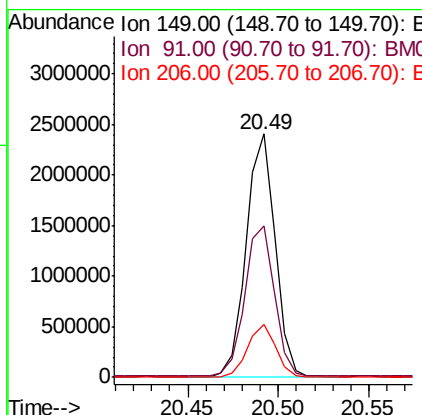
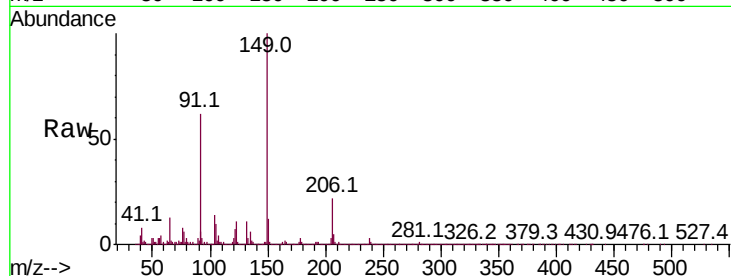




#80
Butylbenzylphthalate
Concen: 47.475 ng
RT: 20.49 min Scan# 2959
Delta R.T. 0.00 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

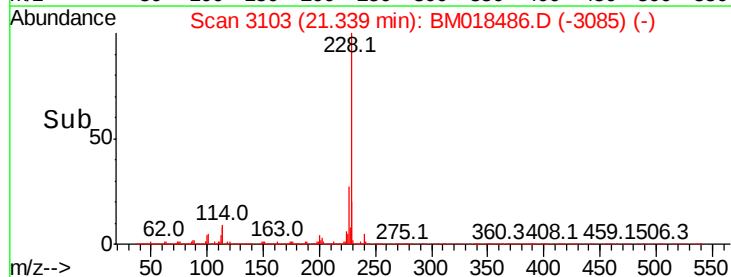
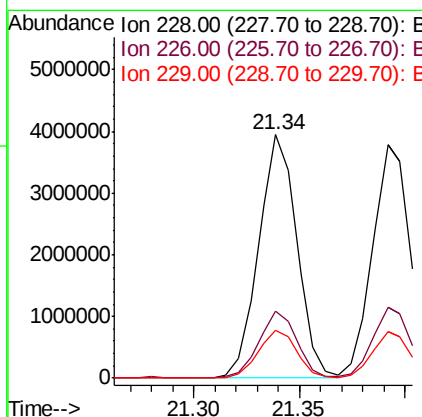
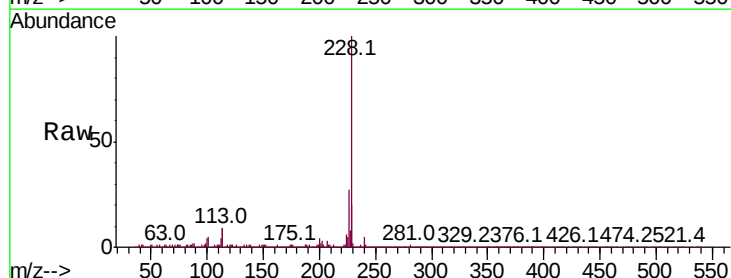
Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)MSD

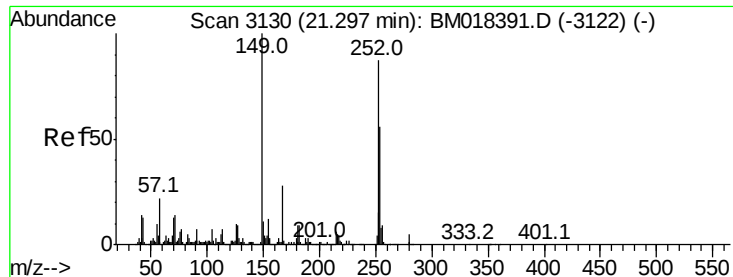
Tot Ion:149 Resp: 2637702
Ion Ratio Lower Upper
149 100
91 62.4 53.1 79.7
206 21.9 16.2 24.4



#81
Benzo(a)anthracene
Concen: 38.390 ng
RT: 21.34 min Scan# 3103
Delta R.T. 0.01 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

Tgt Ion:228 Resp: 4967861
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.6
229 19.8 15.8 23.8

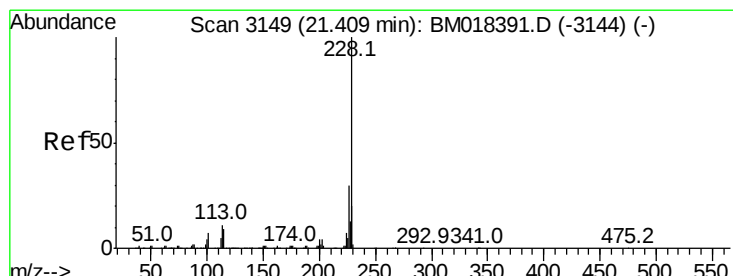
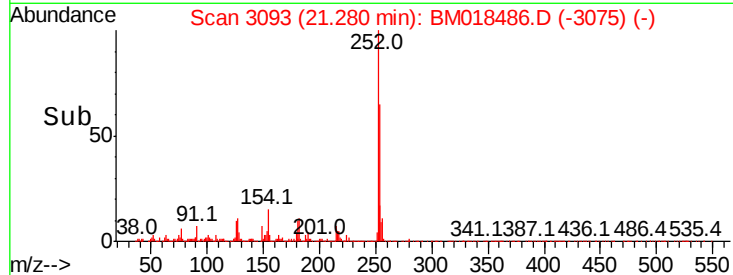
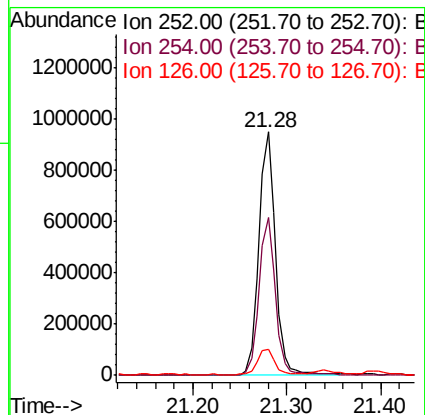
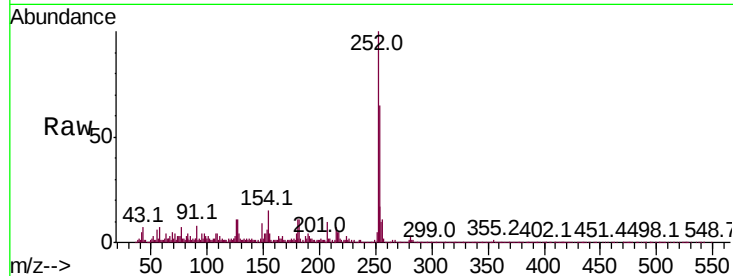




#82
 3,3'-Dichlorobenzidine
 Concen: 23.569 ng
 RT: 21.28 min Scan# 3093
 Delta R.T. 0.01 min
 Lab File: BM018486.D
 Acq: 09 Jan 2019 23:06

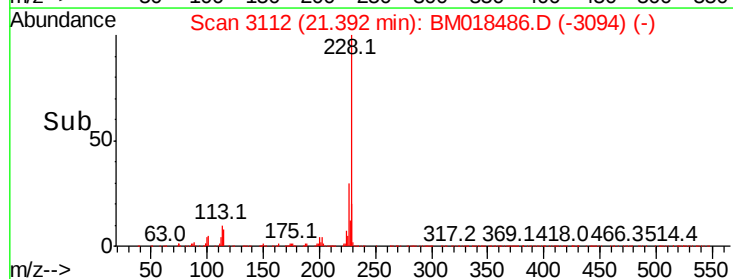
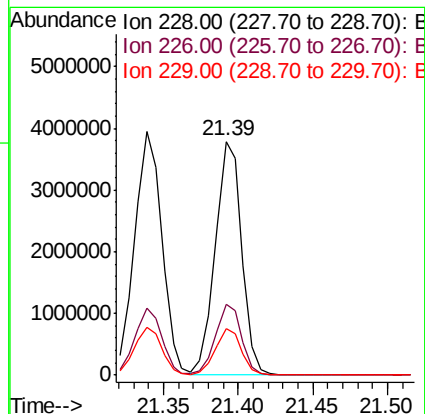
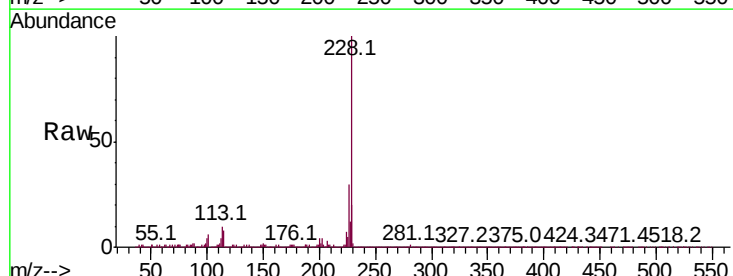
Instrument :
 BNA_M
 ClientSampleId :
 CPSB-15(20-25)MSD

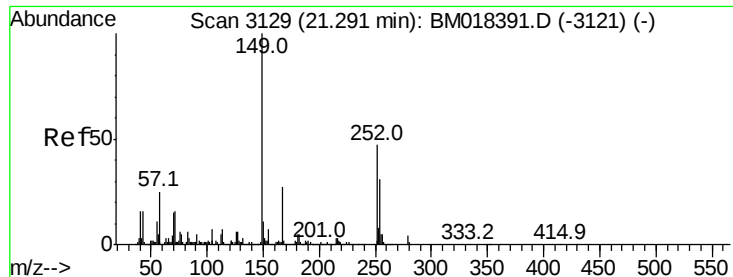
Tot Ion:252 Resp: 1153327
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.4 77.0
 126 10.9 8.7 13.1



#83
 Chrysene
 Concen: 37.327 ng
 RT: 21.39 min Scan# 3112
 Delta R.T. 0.01 min
 Lab File: BM018486.D
 Acq: 09 Jan 2019 23:06

Tgt Ion:228 Resp: 4664440
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.2 36.2
 229 20.0 15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 47.592 ng

RT: 21.26 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

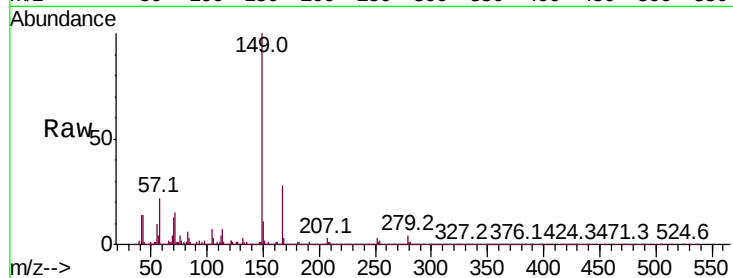
BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

Tot Ion:149 Resp: 3818220

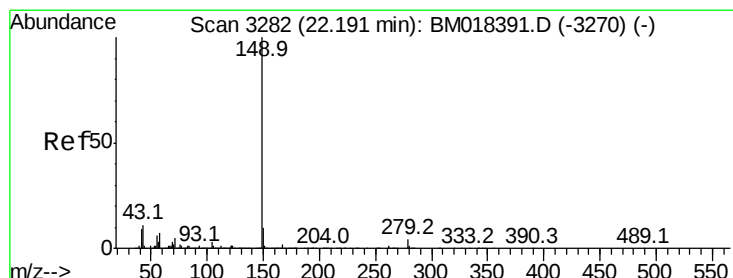
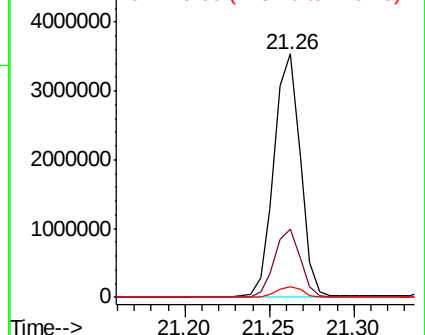
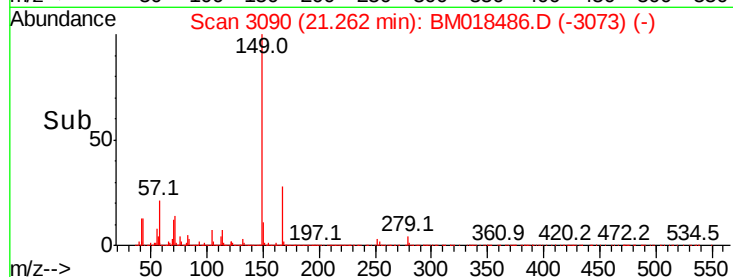
Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.6	32.4
279	4.4	3.3	4.9



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: 44.218 ng

RT: 22.16 min Scan# 3242

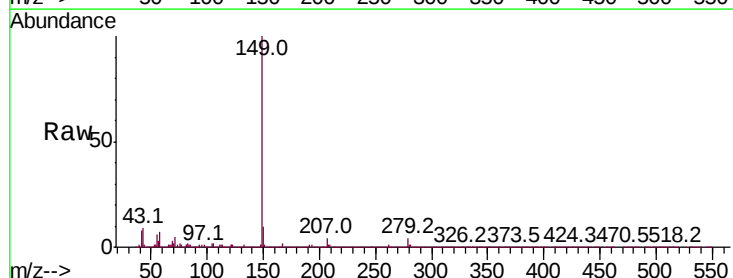
Delta R.T. 0.00 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Tgt Ion:149 Resp: 5966567

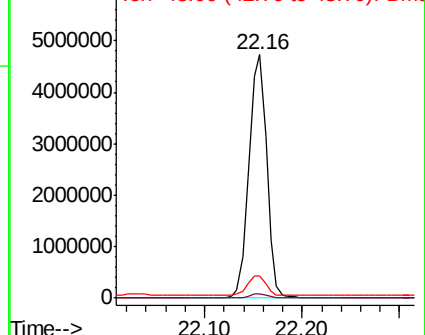
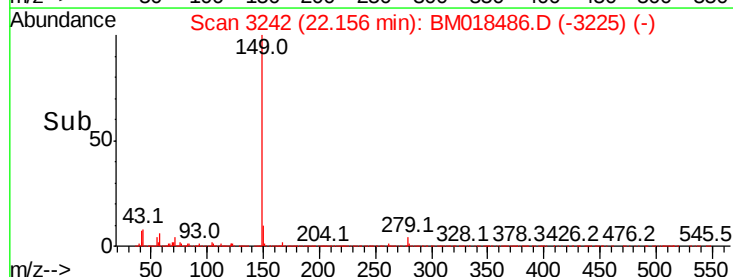
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.2	8.6	12.8#

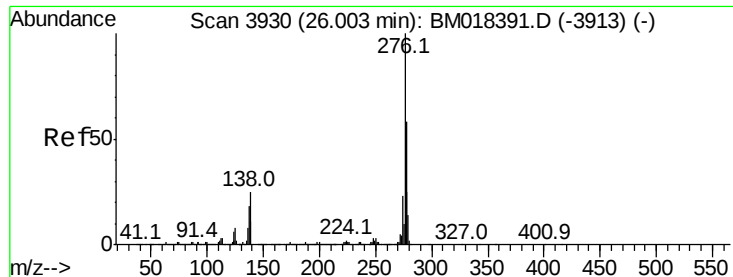


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

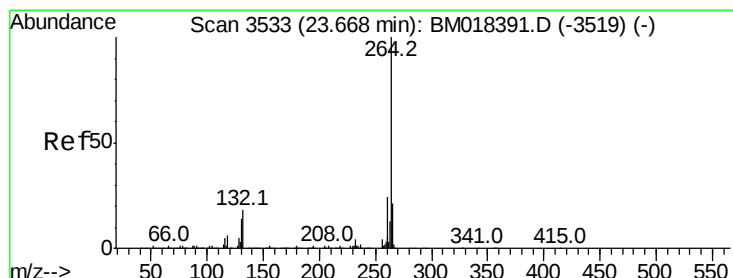
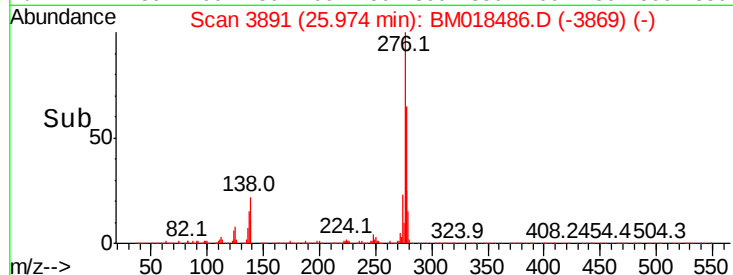
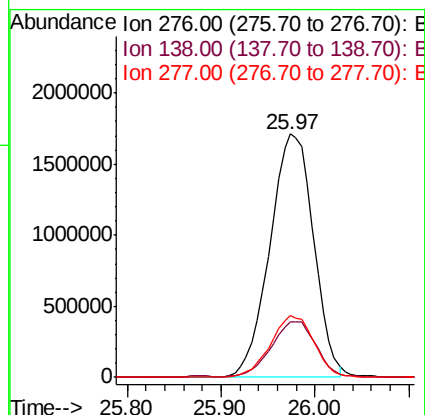
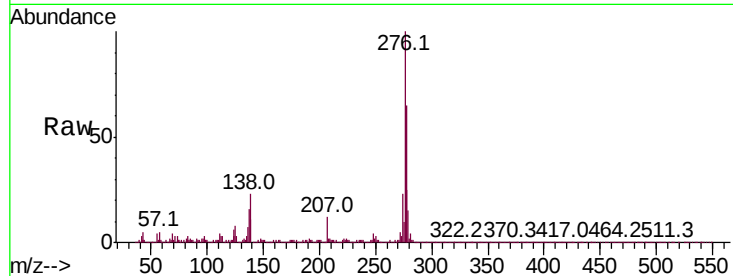




#86
Indeno(1,2,3-cd)pyrene
Concen: 38.048 ng
RT: 25.97 min Scan# 3891
Delta R.T. 0.03 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

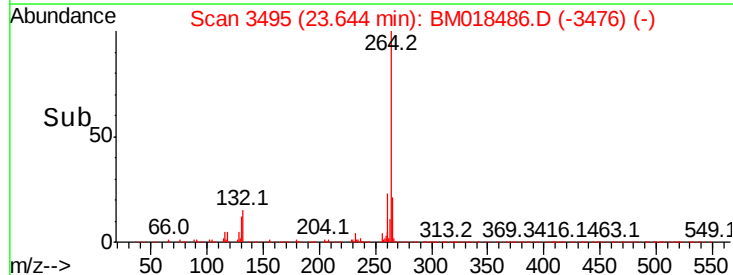
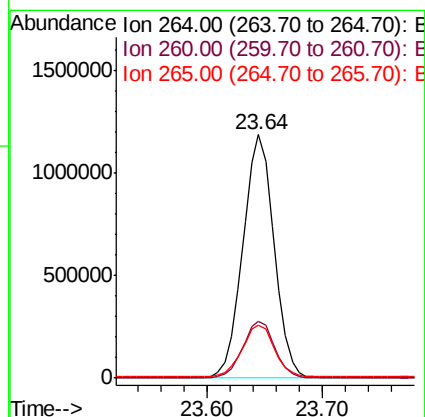
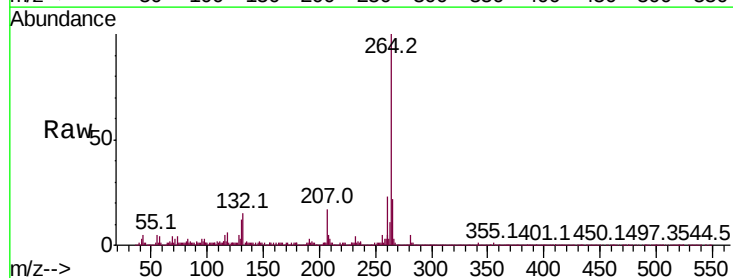
Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)MSD

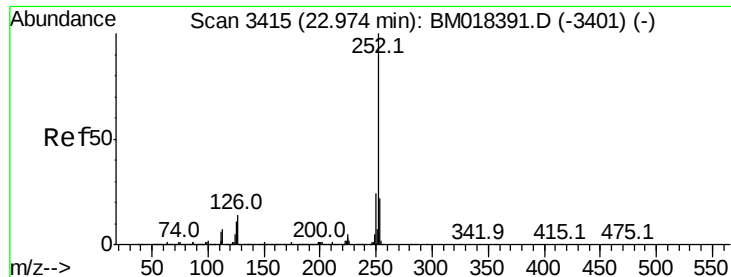
Tot Ion:276 Resp: 5482474
Ion Ratio Lower Upper
276 100
138 22.9 21.5 32.3
277 25.1 20.2 30.2



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3495
Delta R.T. 0.01 min
Lab File: BM018486.D
Acq: 09 Jan 2019 23:06

Tgt Ion:264 Resp: 2220364
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 21.6 16.8 25.2





#88

Benzo(b)fluoranthene

Concen: 37.464 ng

RT: 22.95 min Scan# 3377

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

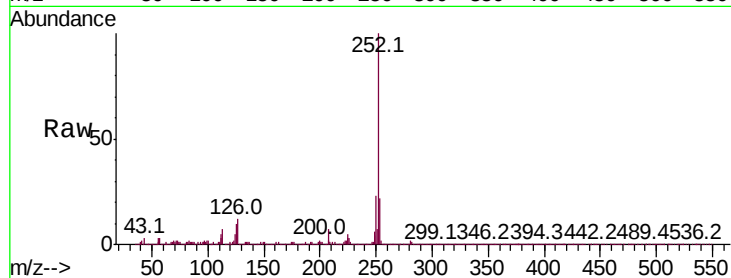
Tot Ion:252 Resp: 4722508

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.6 8.5 12.7

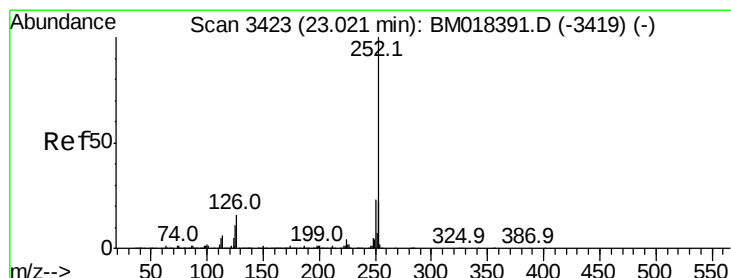
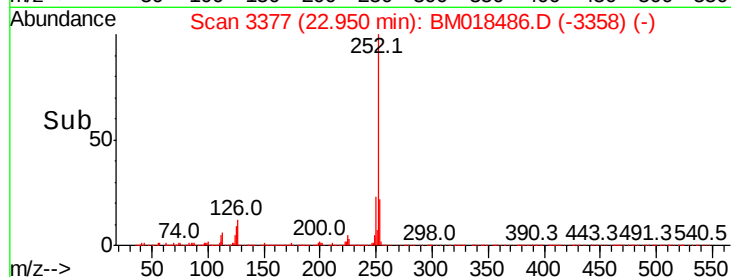
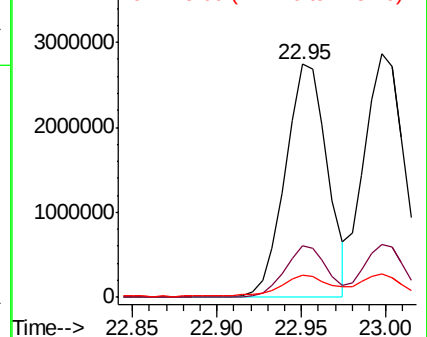


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 37.187 ng

RT: 23.00 min Scan# 3385

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

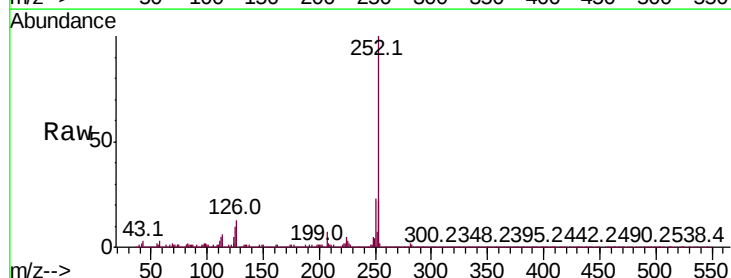
Tgt Ion:252 Resp: 4724029

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.6 8.6 12.8

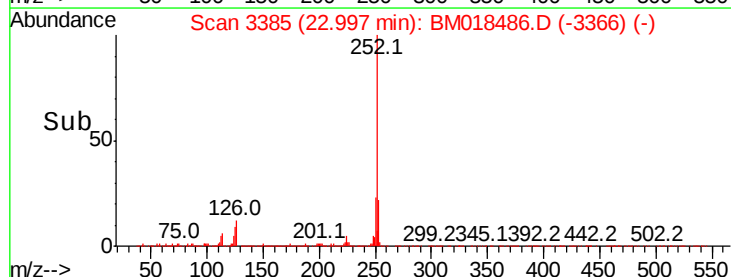
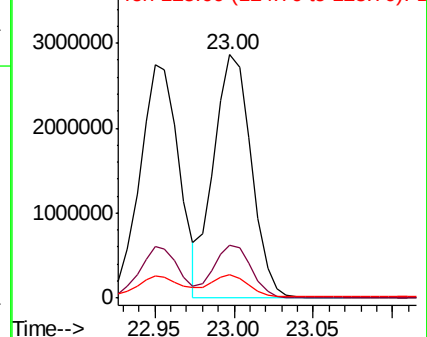


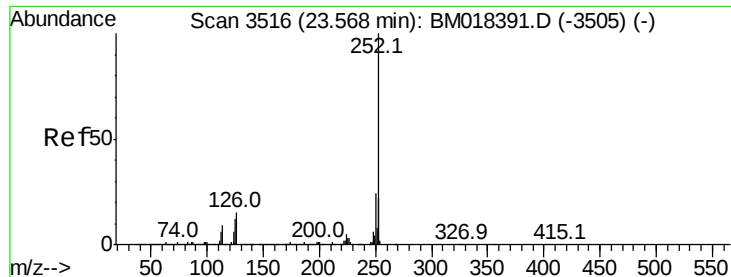
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 38.437 ng

RT: 23.54 min Scan# 3478

Delta R.T. 0.01 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

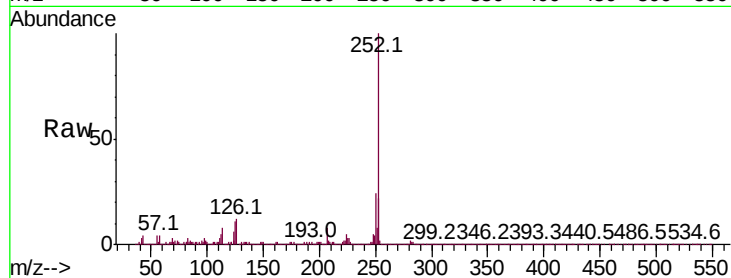
Tot Ion:252 Resp: 4638575

Ion Ratio Lower Upper

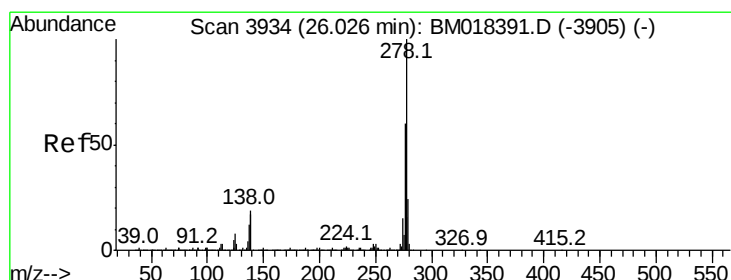
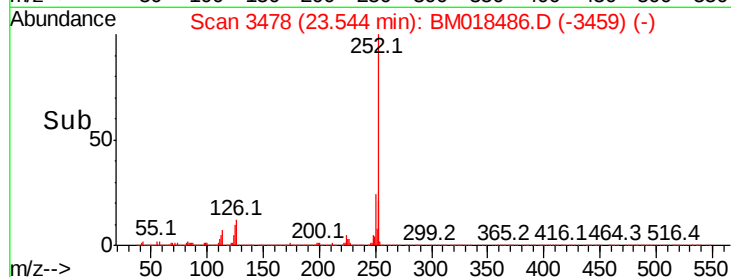
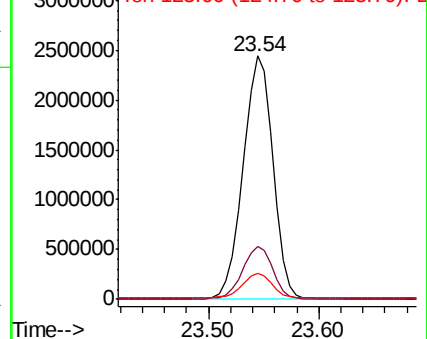
252 100

253 21.6 17.5 26.3

125 10.6 9.7 14.5



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



#91

Dibenzo(a,h)anthracene

Concen: 38.141 ng

RT: 25.99 min Scan# 3894

Delta R.T. 0.03 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

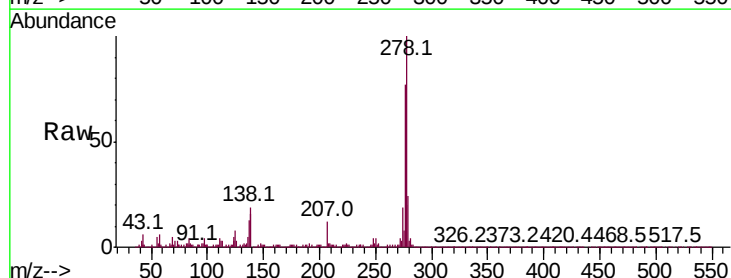
Tgt Ion:278 Resp: 4663779

Ion Ratio Lower Upper

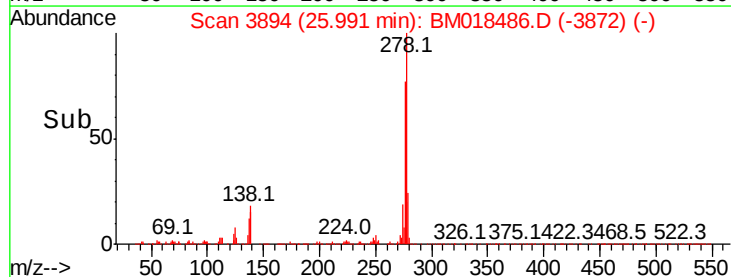
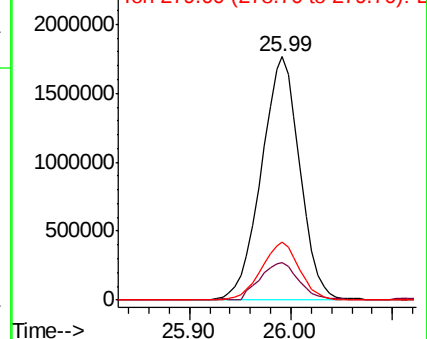
278 100

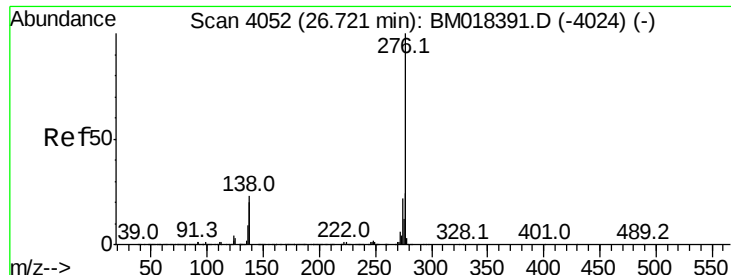
139 15.5 13.2 19.8

279 24.1 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(a,h,i)perylene

Concen: 37.835 ng

RT: 26.69 min Scan# 4013

Delta R.T. 0.04 min

Lab File: BM018486.D

Acq: 09 Jan 2019 23:06

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)MSD

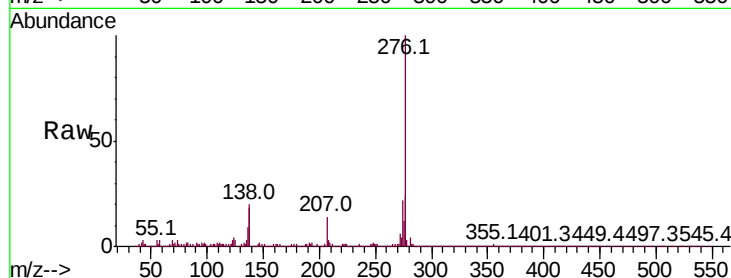
Tot Ion:276 Resp: 4502123

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 20.2 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

