

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018383.D
 Acq On : 22 Dec 2018 14:58
 Operator : JU/SJ
 Sample : J6482-04MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 05:54:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	92689	20.00	ng	-0.03
21) Naphthalene-d8	10.24	136	365735	20.00	ng	-0.03
39) Acenaphthene-d10	14.14	164	214156	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	457109	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	412835	20.00	ng	-0.01
87) Perylene-d12	23.29	264	424159	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	849545	153.11	ng	0.00
7) Phenol-d6	6.69	99	1033967	134.07	ng	-0.01
23) Nitrobenzene-d5	8.64	82	865715	121.41	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	476525	151.60	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1668886	100.94	ng	-0.02
79) Terphenyl-d14	19.56	244	2319339	127.06	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.13	88	82455	37.514	ng	# 68
3) Pyridine	3.51	79	248358	38.409	ng	94
4) n-Nitrosodimethylamine	3.42	42	129569	58.216	ng	# 83
6) Aniline	6.83	93	101098	10.450	ng	99
8) 2-Chlorophenol	7.05	128	298321	45.505	ng	93
9) Benzaldehyde	6.65	77	159682	33.969	ng	90
10) Phenol	6.72	94	342617	41.949	ng	93
11) bis(2-Chloroethyl)ether	6.93	93	287688	44.320	ng	98
12) 1,3-Dichlorobenzene	7.36	146	296821	40.546	ng	# 91
13) 1,4-Dichlorobenzene	7.51	146	309592	41.646	ng	99
14) 1,2-Dichlorobenzene	7.82	146	301589	42.084	ng	98
15) Benzyl Alcohol	7.73	79	339428	54.014	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.01	45	203839	34.895	ng	84
17) 2-Methylphenol	7.95	107	250043	45.849	ng	# 93
18) Hexachloroethane	8.52	117	106905	39.235	ng	97
19) n-Nitroso-di-n-propylamine	8.29	70	276367	47.994	ng	98
20) 3+4-Methylphenols	8.27	107	332136	43.463	ng	94
22) Acetophenone	8.30	105	493413	50.980	ng	95
24) Nitrobenzene	8.68	77	401519	56.358	ng	92
25) Isophorone	9.20	82	680301	57.308	ng	96
26) 2-Nitrophenol	9.37	139	140455	40.195	ng	# 80
27) 2,4-Dimethylphenol	9.45	122	270771	53.766	ng	92
28) bis(2-Chloroethoxy)methane	9.68	93	389760	50.370	ng	99
29) 2,4-Dichlorophenol	9.92	162	277128	49.631	ng	97
30) 1,2,4-Trichlorobenzene	10.11	180	303384	47.767	ng	94
31) Naphthalene	10.29	128	885744	49.528	ng	98
32) Benzoic acid	9.66	122	173358	36.353	ng	86
33) 4-Chloroaniline	10.44	127	64932	8.289	ng	91
34) Hexachlorobutadiene	10.56	225	185515	46.183	ng	99
35) Caprolactam	11.26	113	66572	31.289	ng	91
36) 4-Chloro-3-methylphenol	11.58	107	326384	48.646	ng	95
37) 2-Methylnaphthalene	11.92	142	658338	52.200	ng	96
38) 1-Methylnaphthalene	12.14	142	623992	50.704	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.29	216	347453	47.181	ng	99

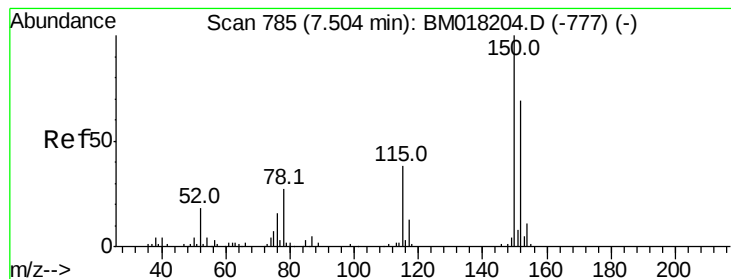
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	75528	29.142	nq	97
43) 2,4,6-Trichlorophenol	12.56	196	231755	48.929	nq	97
44) 2,4,5-Trichlorophenol	12.65	196	242091	48.144	nq	98
46) 1,1'-Biphenyl	12.96	154	858137	44.541	nq	97
47) 2-Chloronaphthalene	13.00	162	672531	47.427	nq	98
48) 2-Nitroaniline	13.23	65	253587	58.053	nq	85
49) Acenaphthylene	13.86	152	1074718	50.292	nq	99
50) Dimethylphthalate	13.62	163	856209	48.090	nq	99
51) 2,6-Dinitrotoluene	13.75	165	171132	43.724	nq #	81
52) Acenaphthene	14.20	154	622505	47.667	nq	99
53) 3-Nitroaniline	14.08	138	100144	24.314	nq	83
54) 2,4-Dinitrophenol	14.31	184	40927	18.956	nq #	79
55) Dibenzofuran	14.55	168	1020737	48.643	nq	97
56) 4-Nitrophenol	14.44	139	224970	72.040	nq #	74
57) 2,4-Dinitrotoluene	14.55	165	250792	46.357	nq	90
58) Fluorene	15.20	166	843118	52.021	nq	97
59) 2,3,4,6-Tetrachlorophenol	14.79	232	218820	48.320	nq #	94
60) Diethylphthalate	14.99	149	879936	45.797	nq	99
61) 4-Chlorophenyl-phenylether	15.20	204	430789	46.998	nq	95
62) 4-Nitroaniline	15.26	138	156234	39.976	nq #	76
63) Azobenzene	15.49	77	950491	54.253	nq	94
65) 4,6-Dinitro-2-methylphenol	15.32	198	34989	10.398	nq	91
66) n-Nitrosodiphenylamine	15.43	169	714031	47.238	nq	96
67) 4-Bromophenyl-phenylether	16.10	248	259849	46.938	nq	96
68) Hexachlorobenzene	16.20	284	279139	46.025	nq	95
69) Atrazine	16.40	200	255870	50.141	nq	97
70) Pentachlorophenol	16.57	266	308631	77.053	nq	98
71) Phenanthrene	16.94	178	1244021	50.103	nq	99
72) Anthracene	17.04	178	1249936	50.744	nq	99
73) Carbazole	17.33	167	1094054	43.273	nq	98
74) Di-n-butylphthalate	17.89	149	1535561	49.224	nq	99
75) Fluoranthene	18.98	202	1322633	45.817	nq	99
78) Pyrene	19.34	202	1309439	53.232	nq	99
80) Butylbenzylphthalate	20.27	149	640036	54.693	nq	88
81) Benzo(a)anthracene	21.12	228	1231789	51.078	nq	100
83) Chrysene	21.17	228	1152137	49.670	nq	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	941638	53.990	nq	97
85) Di-n-octyl phthalate	21.92	149	1523858	53.350	nq	99
86) Indeno(1,2,3-cd)pyrene	25.43	276	1419448	61.432	nq	97
88) Benzo(b)fluoranthene	22.66	252	1227691	51.527	nq	98
89) Benzo(k)fluoranthene	22.70	252	1188943	50.106	nq #	97
90) Benzo(a)pyrene	23.20	252	1166103	51.459	nq	98
91) Dibenzo(a,h)anthracene	25.44	278	1224132	58.316	nq	98
92) Benzo(g,h,i)perylene	26.08	276	1160615	58.491	nq	97

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

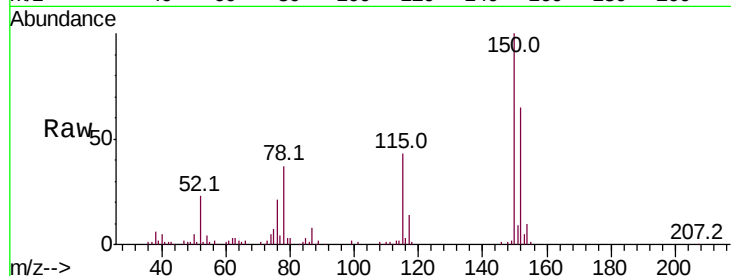


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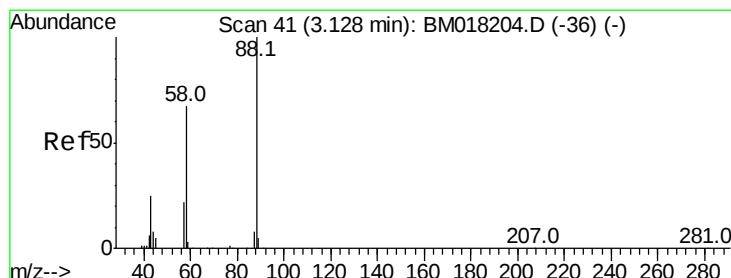
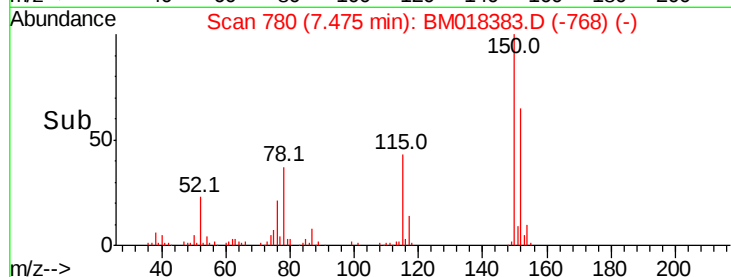
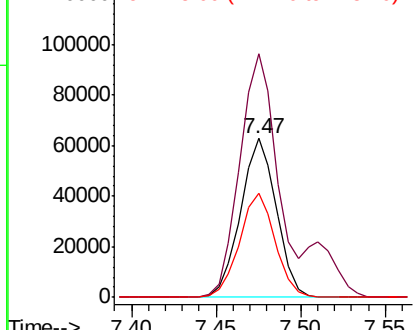
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.47 min Scan# 780
Delta R.T. -0.03 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 92689
Ion Ratio Lower Upper
152 100
150 153.1 116.1 174.1
115 65.4 44.6 67.0



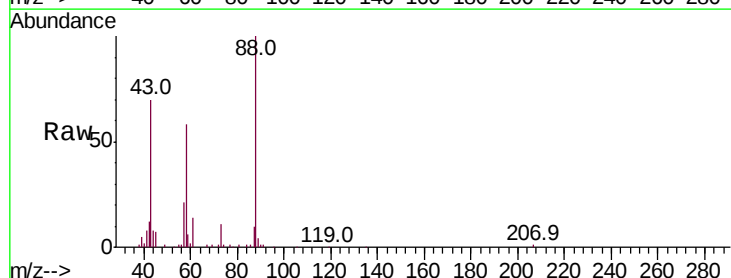
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



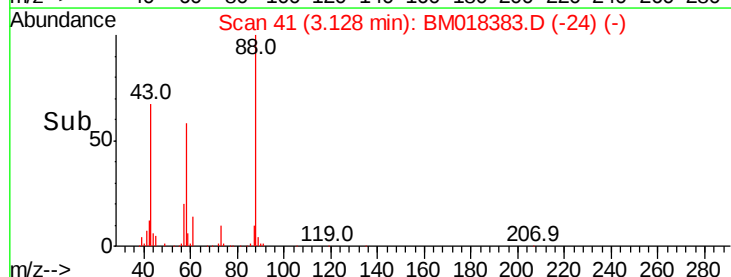
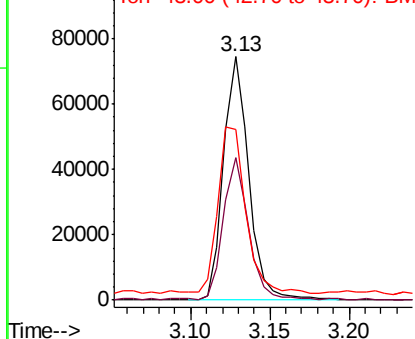
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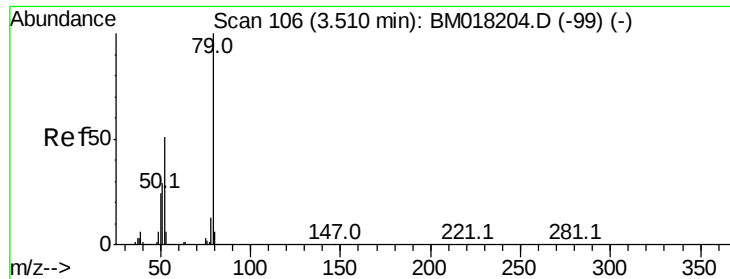
1,4-Dioxane
Concen: 37.514 ng
RT: 3.13 min Scan# 41
Delta R.T. 0.00 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion: 88 Resp: 82455
Ion Ratio Lower Upper
88 100
58 58.8 49.8 74.6
43 74.8 19.1 28.7#



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

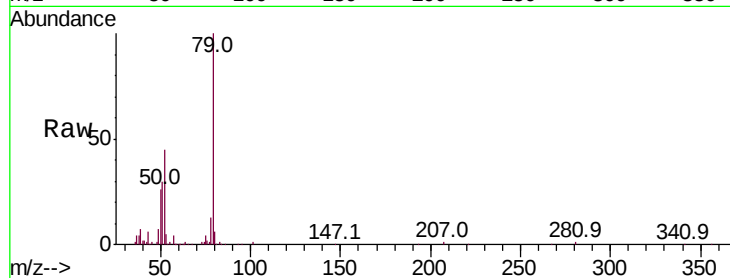




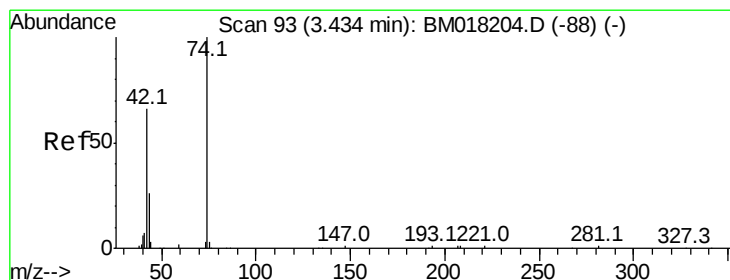
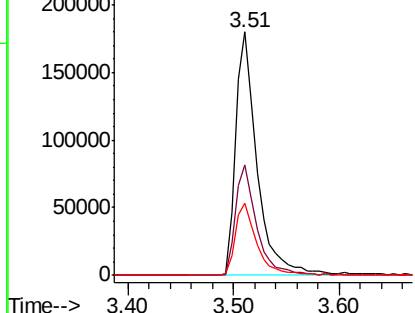
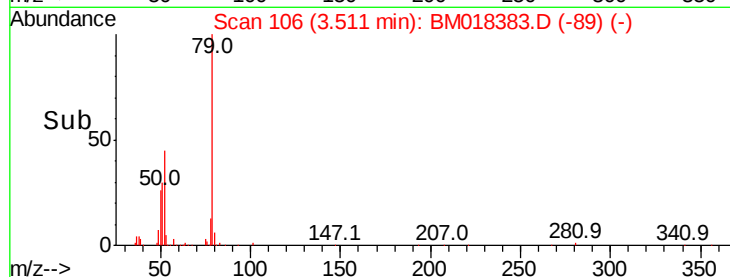
#3
 Pvridine
 Concen: 38.409 ng
 RT: 3.51 min Scan# 106
 Delta R.T. 0.00 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 79 Resp: 248358
 Ion Ratio Lower Upper
 79 100
 52 45.2 40.7 61.1
 51 29.8 23.0 34.6

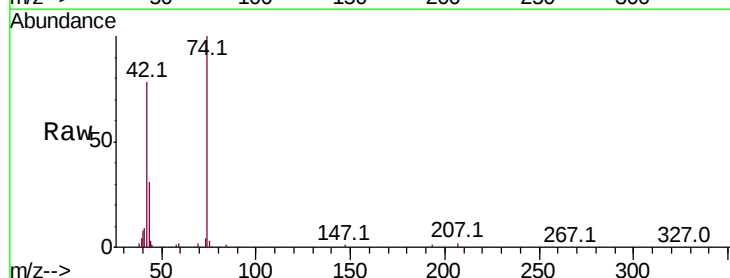


Abundance Ion 79.00 (78.70 to 79.70): BM0
 Ion 52.00 (51.70 to 52.70): BM0
 Ion 51.00 (50.70 to 51.70): BM0

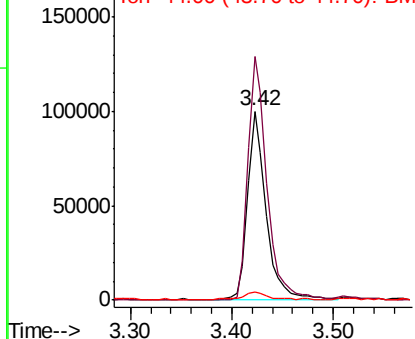
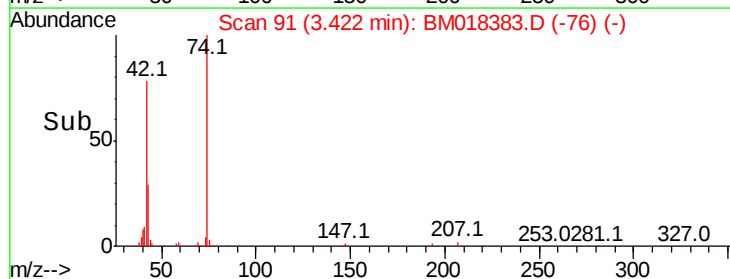


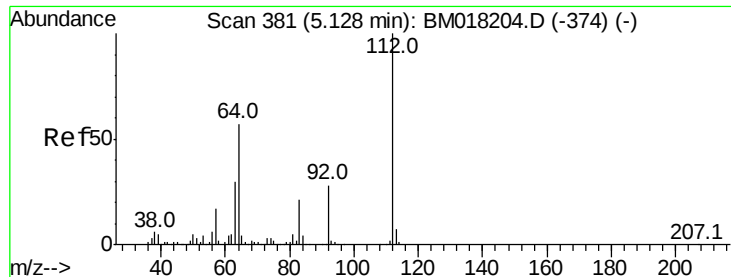
#4
 n-Nitrosodimethylamine
 Concen: 58.216 ng
 RT: 3.42 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Tgt Ion: 42 Resp: 129569
 Ion Ratio Lower Upper
 42 100
 74 128.9 120.4 180.6
 44 4.5 4.6 7.0#



Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 153.109 ng

RT: 5.12 min Scan# 380

Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

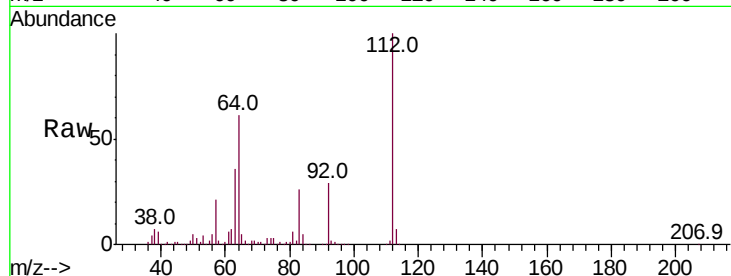
Tot Ion:112 Resp: 849545

Ion Ratio Lower Upper

112 100

64 61.1 45.4 68.2

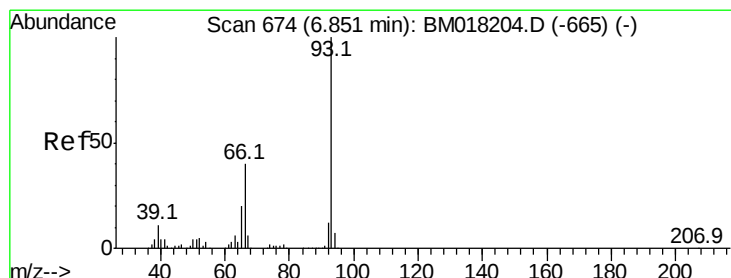
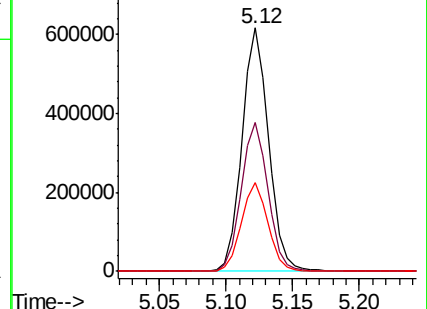
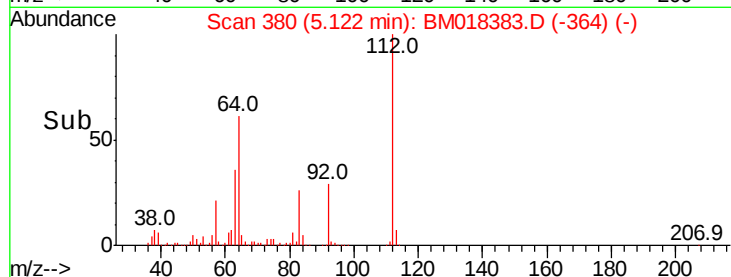
63 36.3 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 10.450 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

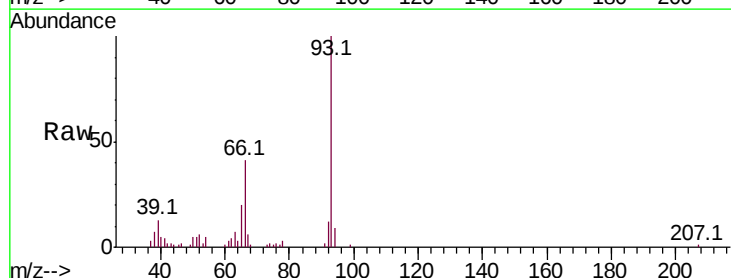
Tgt Ion: 93 Resp: 101098

Ion Ratio Lower Upper

93 100

66 41.5 32.3 48.5

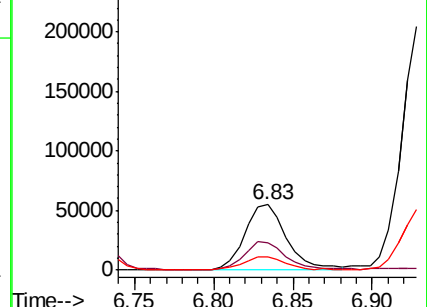
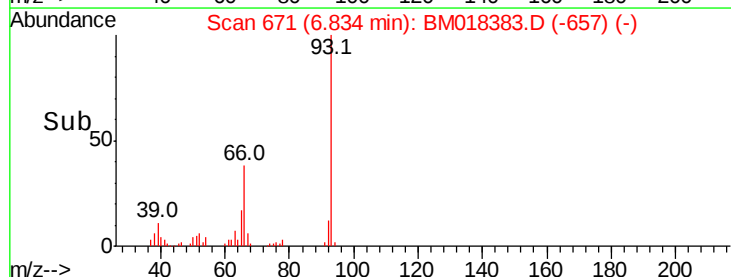
65 19.9 16.2 24.4

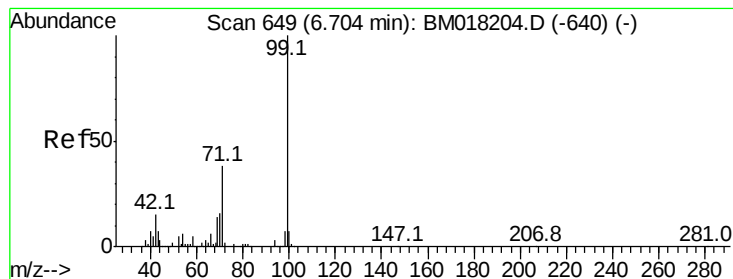


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 134.070 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

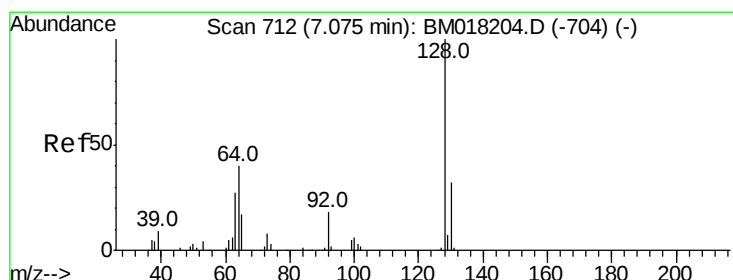
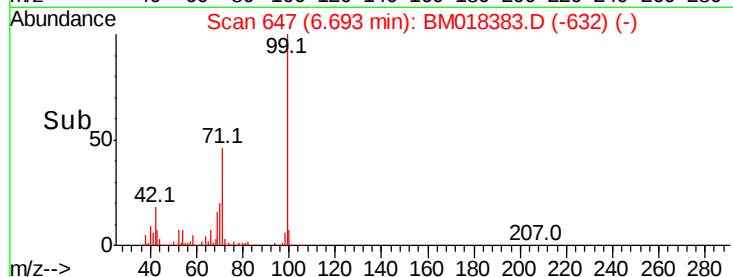
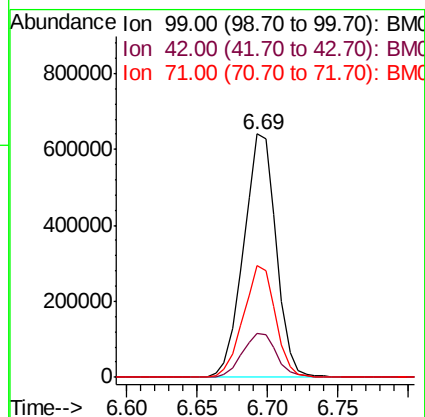
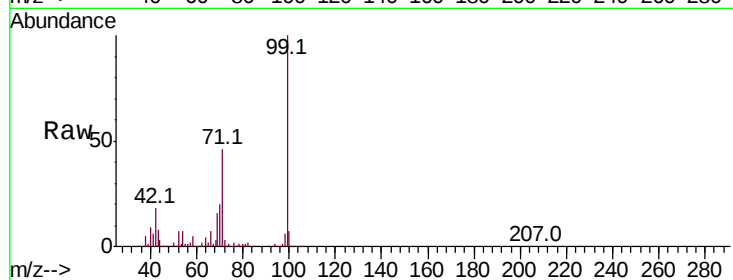
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1033967

Ion	Ratio	Lower	Upper
99	100		
42	18.3	12.3	18.5
71	46.1	30.2	45.2#



#8

2-Chlorophenol

Concen: 45.505 ng

RT: 7.05 min Scan# 708

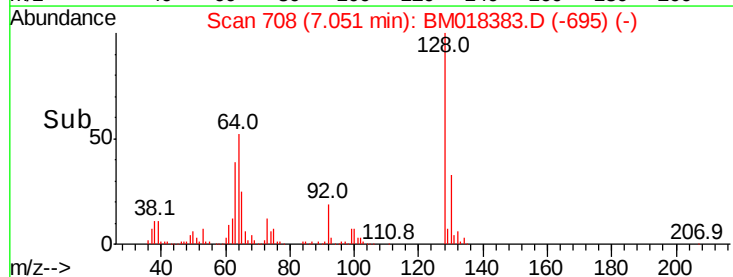
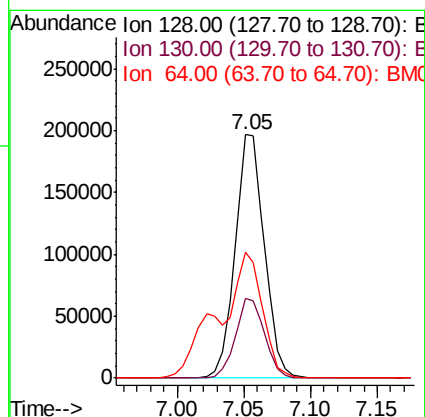
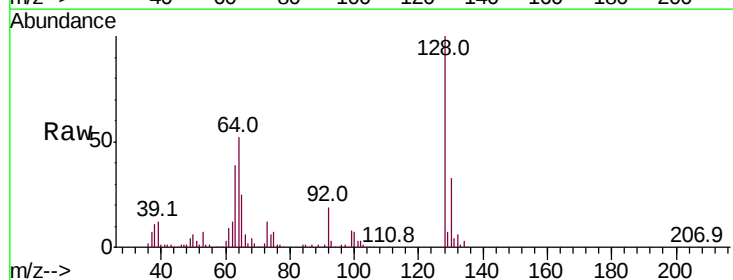
Delta R.T. -0.02 min

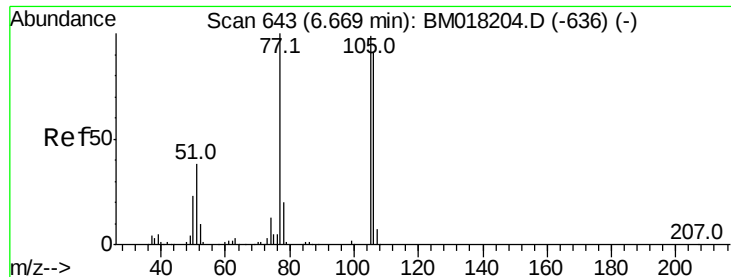
Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Tgt Ion: 128 Resp: 298321

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.3	52.3
64	51.9	24.1	64.1





#9

Benzaldehyde

Concen: 33.969 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

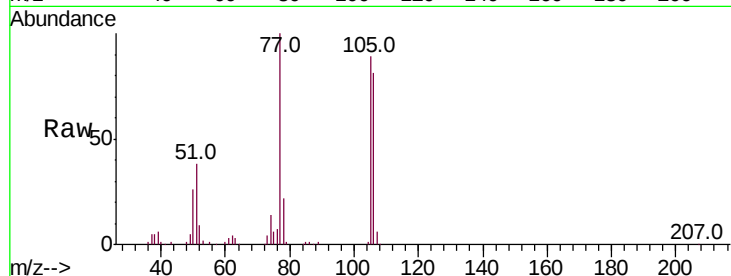
Tot Ion: 77 Resp: 159682

Ion Ratio Lower Upper

77 100

105 88.8 78.8 118.8

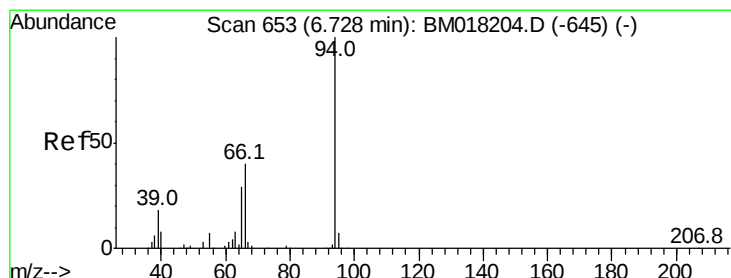
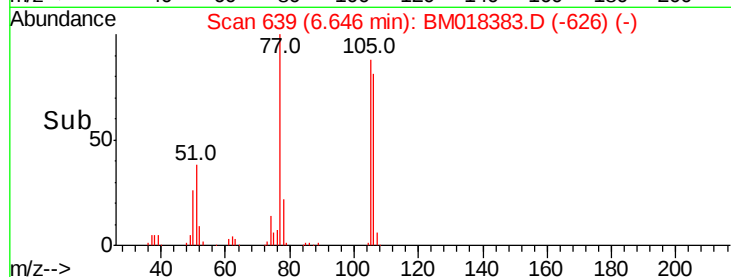
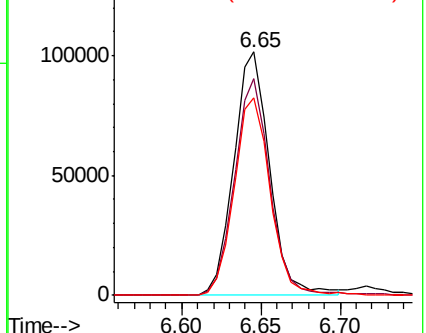
106 81.1 70.7 110.7



Abundance Ion 77.00 (76.70 to 77.70): BM018204.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM018204.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM018204.D (-636) (-)



#10

Phenol

Concen: 41.949 ng

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

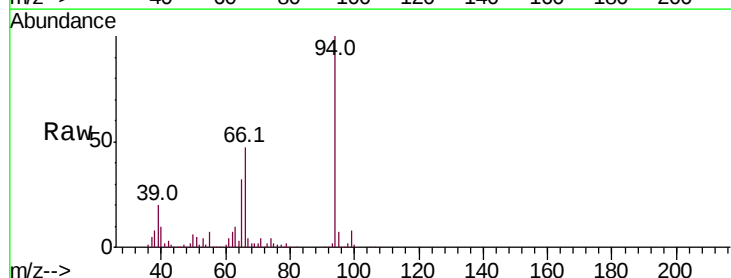
Tgt Ion: 94 Resp: 342617

Ion Ratio Lower Upper

94 100

65 32.3 9.5 49.5

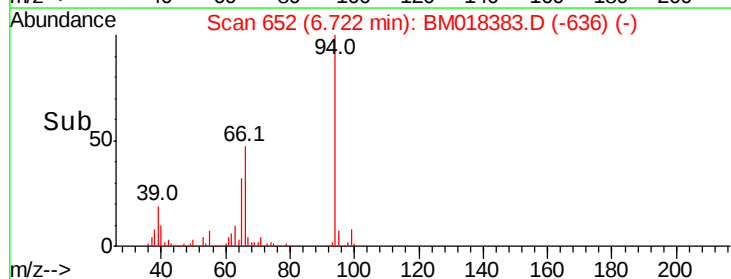
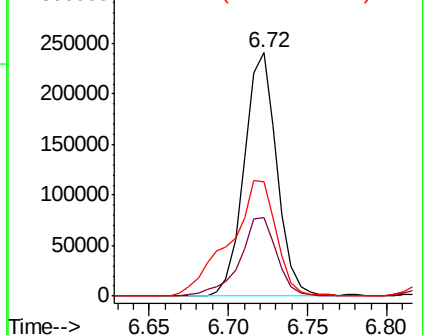
66 46.8 21.3 61.3

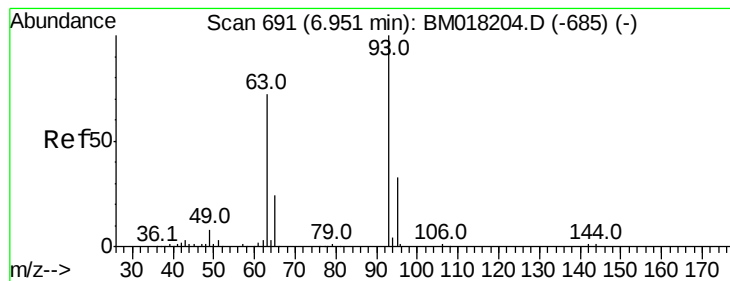


Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)





#11

bis(2-Chloroethyl)ether

Concen: 44.320 ng

RT: 6.93 min Scan# 687

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

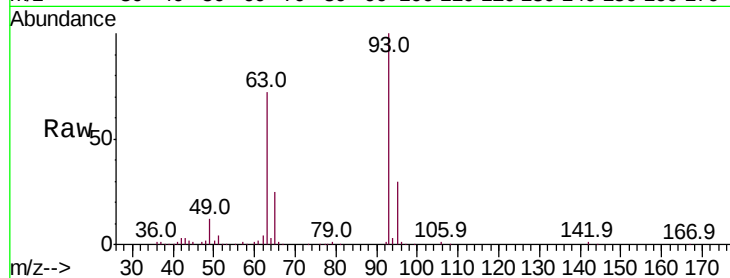
Tot Ion: 93 Resp: 287688

Ion Ratio Lower Upper

93 100

63 72.1 51.7 91.7

95 29.8 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BM018204.D (-685) (-)

Ion 63.00 (62.70 to 63.70): BM018204.D (-685) (-)

Ion 95.00 (94.70 to 95.70): BM018204.D (-685) (-)

6.93

250000

200000

150000

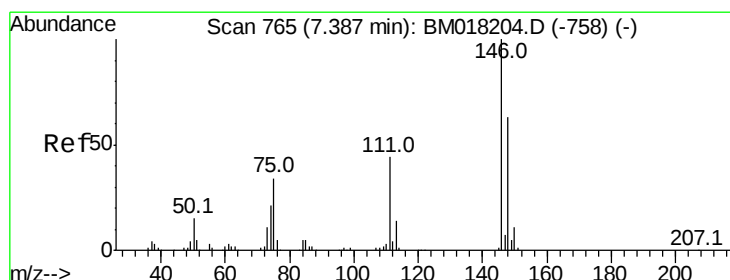
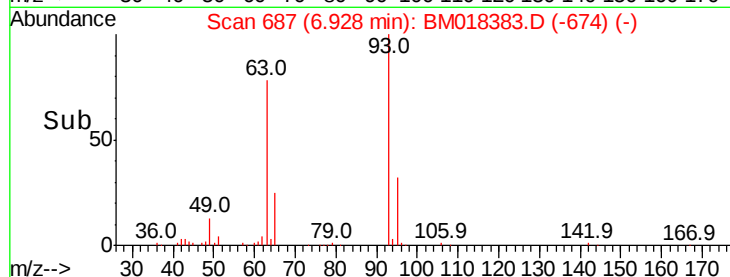
100000

50000

0

6.85 6.90 6.95 7.00

Time-->



#12

1,3-Dichlorobenzene

Concen: 40.546 ng

RT: 7.36 min Scan# 761

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

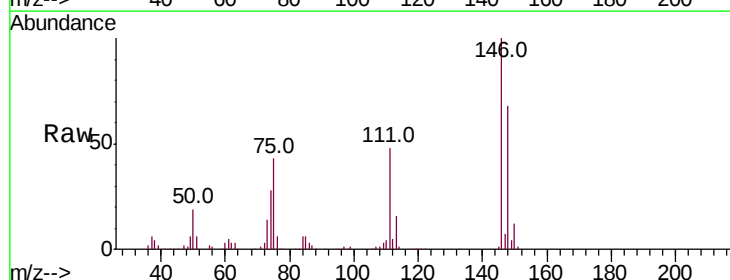
Tgt Ion: 146 Resp: 296821

Ion Ratio Lower Upper

146 100

148 67.5 50.6 76.0

75 42.8 27.0 40.4#



Abundance Ion 146.00 (145.70 to 146.70): BM018204.D (-758) (-)

Ion 148.00 (147.70 to 148.70): BM018204.D (-758) (-)

Ion 75.00 (74.70 to 75.70): BM018204.D (-758) (-)

7.36

250000

200000

150000

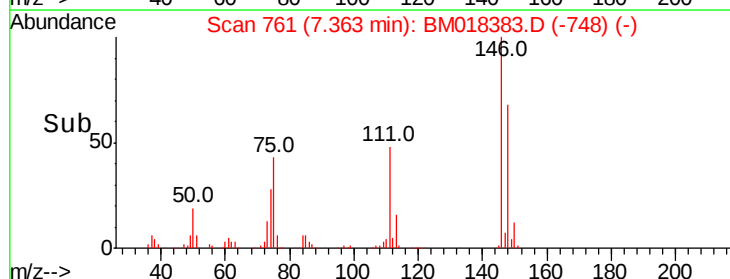
100000

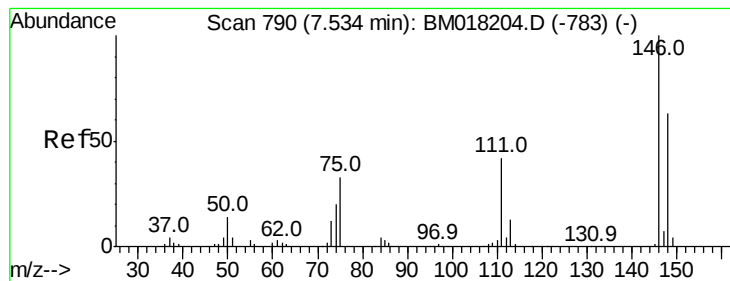
50000

0

7.30 7.35 7.40 7.45

Time-->





#13

1,4-Dichlorobenzene

Concen: 41.646 ng

RT: 7.51 min Scan# 786

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampled :

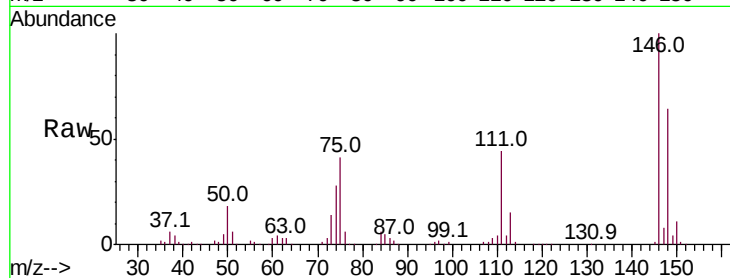
Tot Ion:146 Resp: 309592

Ion Ratio Lower Upper

146 100

148 63.7 50.7 76.1

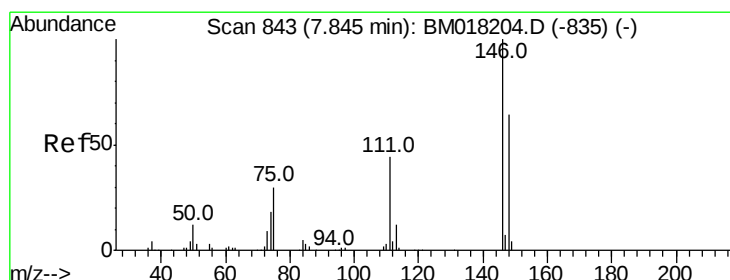
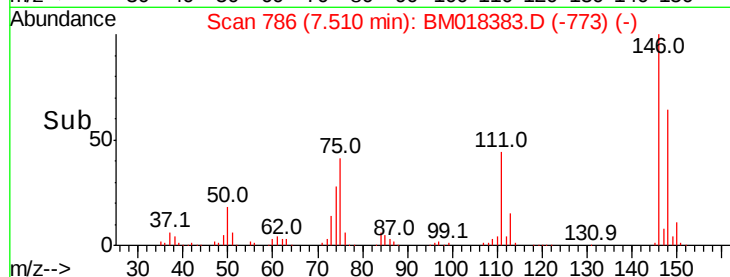
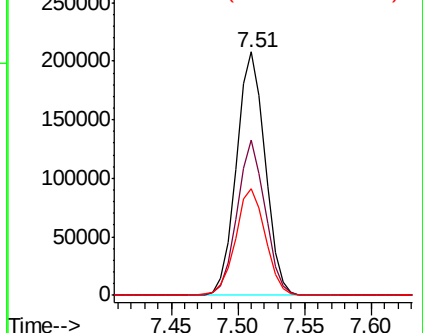
111 43.9 34.2 51.2



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: 42.084 ng

RT: 7.82 min Scan# 838

Delta R.T. -0.03 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

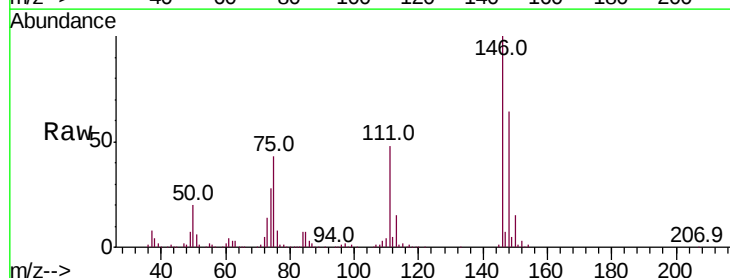
Tgt Ion:146 Resp: 301589

Ion Ratio Lower Upper

146 100

148 64.5 51.3 76.9

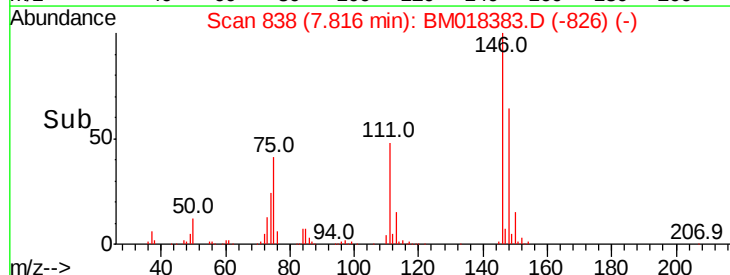
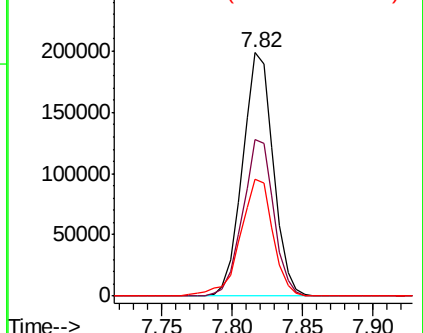
111 48.1 35.8 53.8

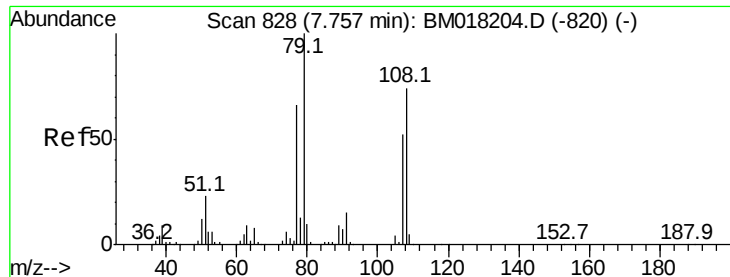


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

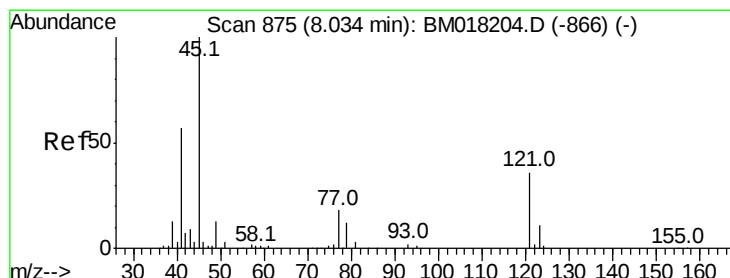
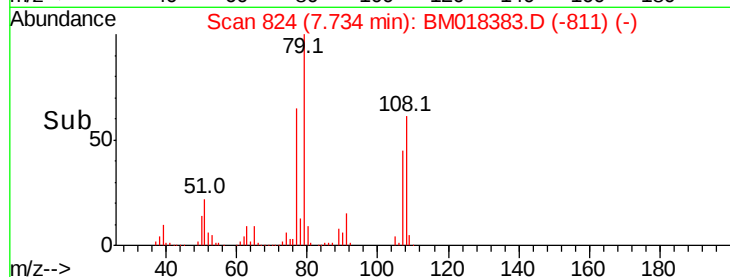
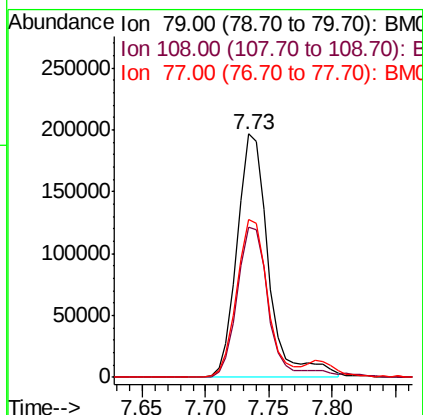
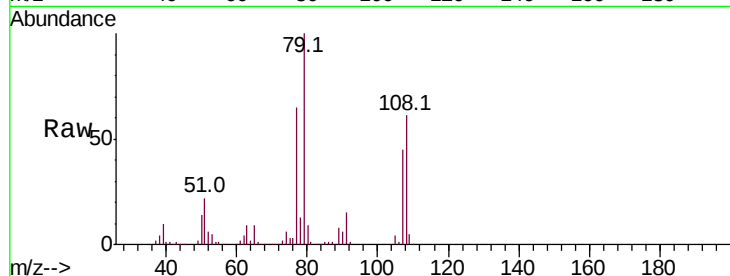




#15
Benzyl Alcohol
Concen: 54.014 ng
RT: 7.73 min Scan# 824
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

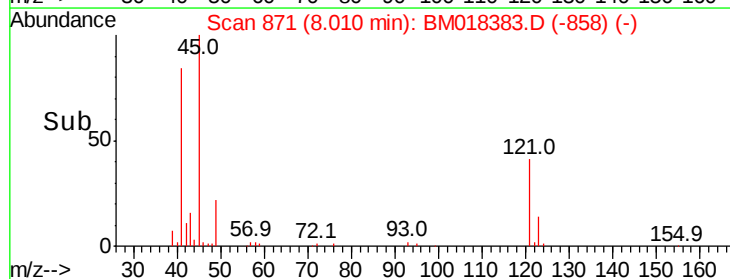
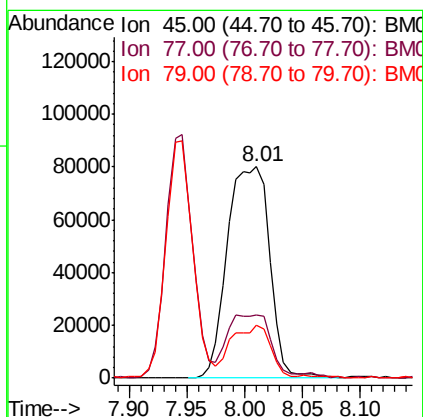
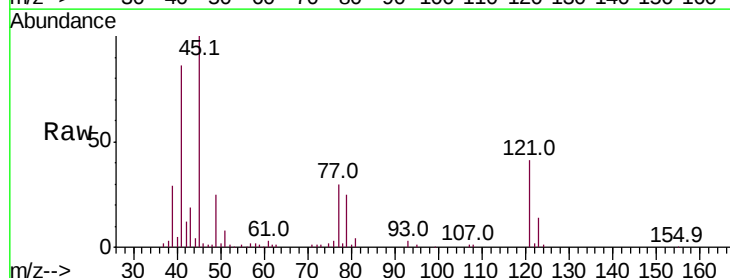
Instrument :
BNA_M
ClientSampleId :

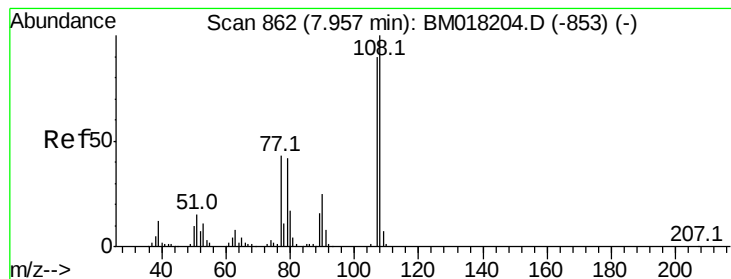
Tot Ion: 79 Resp: 339428
Ion Ratio Lower Upper
79 100
108 61.5 59.3 88.9
77 64.8 53.0 79.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.895 ng
RT: 8.01 min Scan# 871
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion: 45 Resp: 203839
Ion Ratio Lower Upper
45 100
77 29.9 2.5 42.5
79 24.9 0.0 37.2

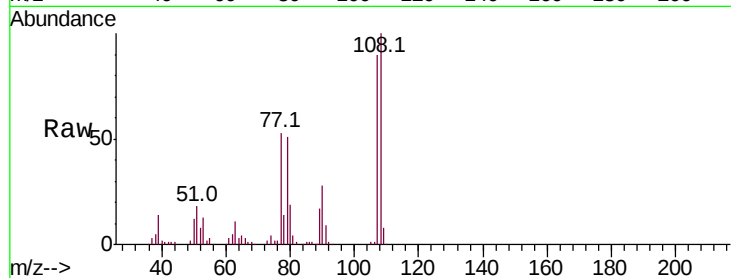




#17
2-Methylphenol
Concen: 45.849 ng
RT: 7.95 min Scan# 860
Delta R.T. -0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.3	133.9
77	58.6	38.2	57.4
79	57.2	37.7	56.5



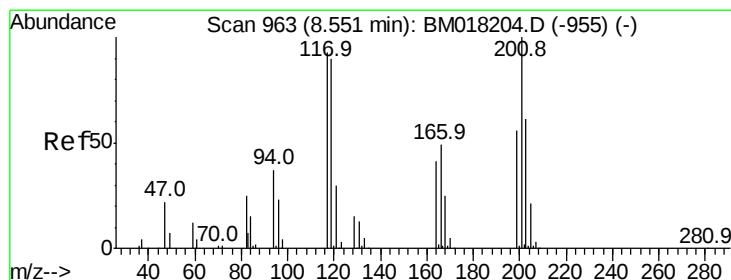
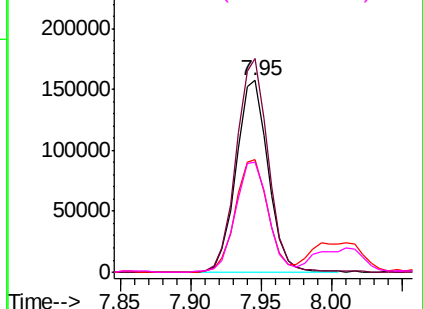
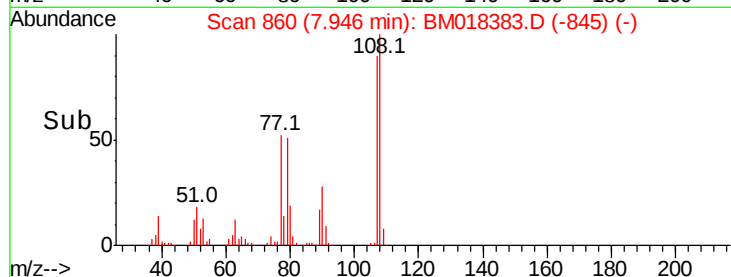
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

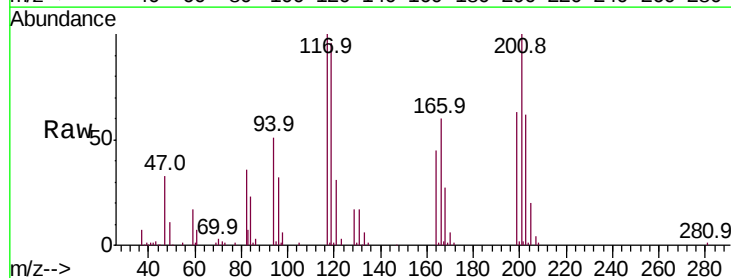
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 39.235 ng
RT: 8.52 min Scan# 958
Delta R.T. -0.03 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.0	115.4
201	102.4	85.7	128.5

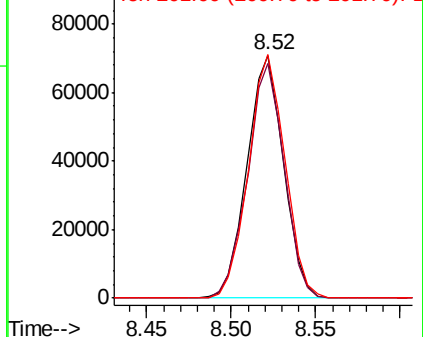
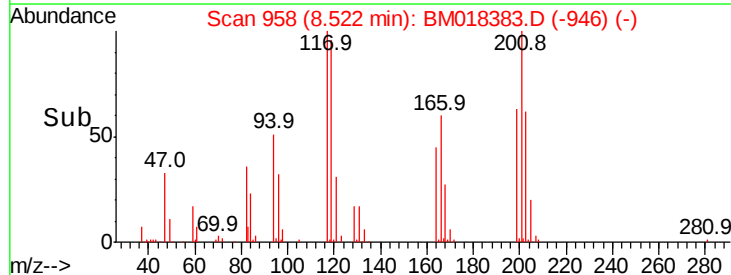


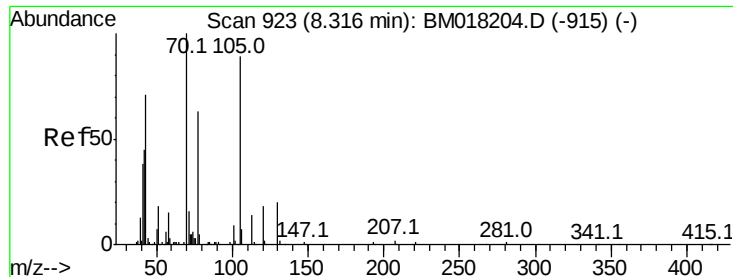
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

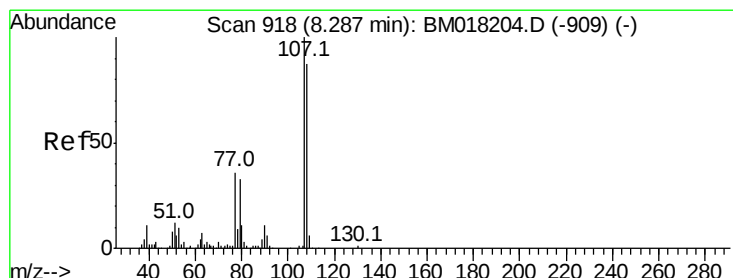
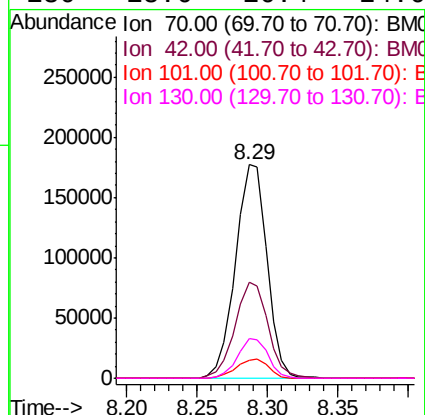
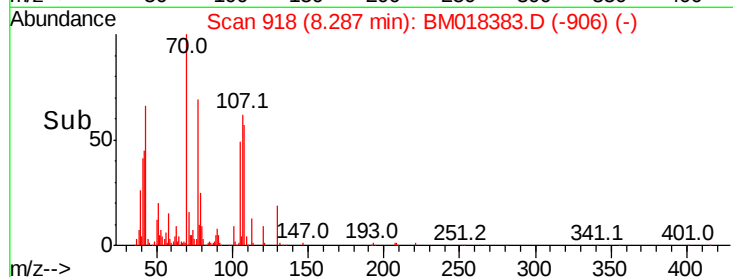
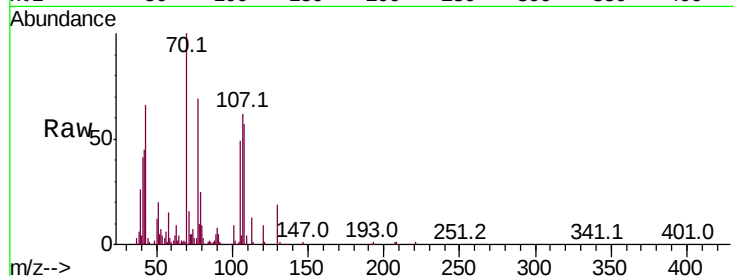




#19
n-Nitroso-di-n-propylamine
Concen: 47.994 ng
RT: 8.29 min Scan# 918
Delta R.T. -0.03 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

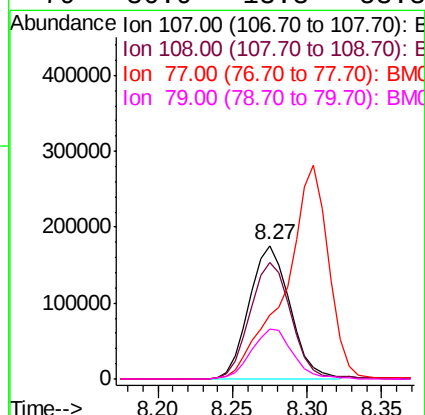
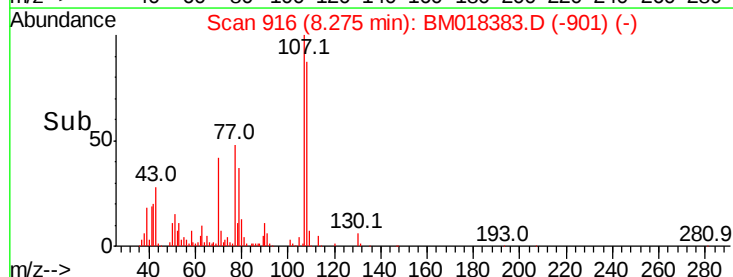
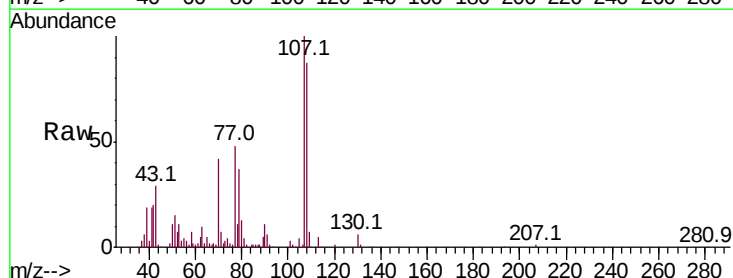
Instrument :
BNA_M
ClientSampleId :

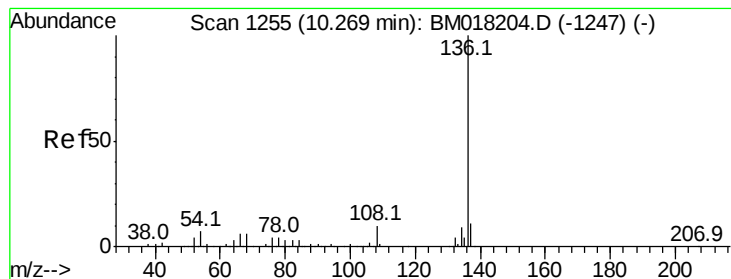
Tot Ion:	70	Resp:	276367
Ion	Ratio	Lower	Upper
70	100		
42	44.7	36.2	54.2
101	8.6	7.5	11.3
130	18.6	16.4	24.6



#20
3+4-Methylphenols
Concen: 43.463 ng
RT: 8.27 min Scan# 916
Delta R.T. -0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion:	107	Resp:	332136
Ion	Ratio	Lower	Upper
107	100		
108	87.4	67.4	107.4
77	47.7	15.7	55.7
79	36.9	13.3	53.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.24 min Scan# 1250

Delta R.T. -0.03 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 365735

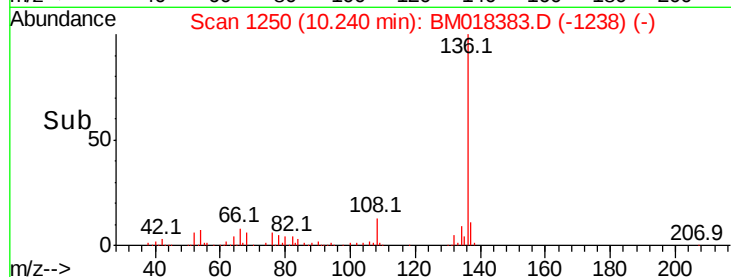
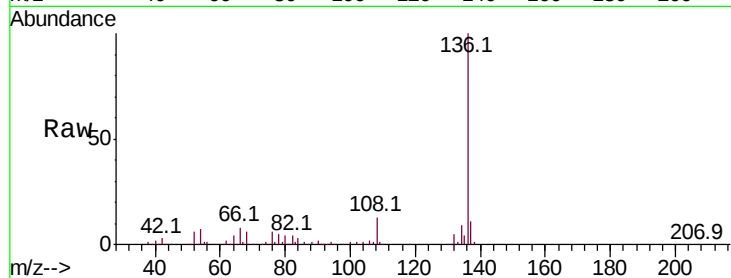
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.7 5.2 7.8

68 5.8 5.0 7.6

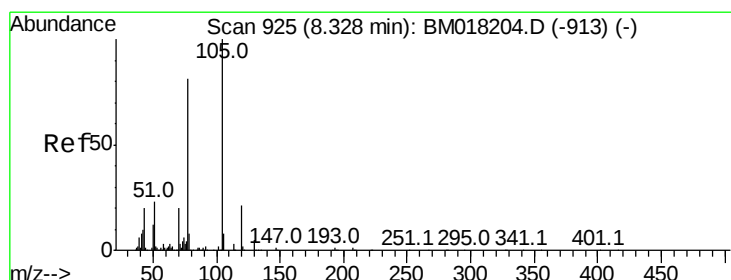
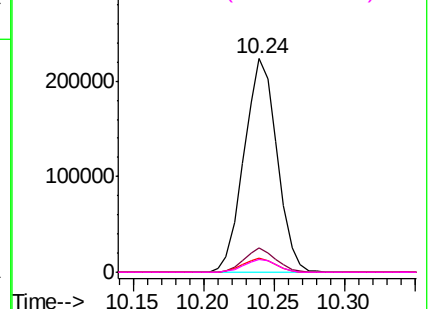


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 50.980 ng

RT: 8.30 min Scan# 921

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Tgt Ion:105 Resp: 493413

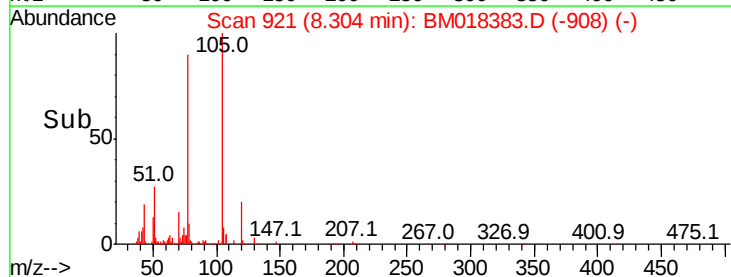
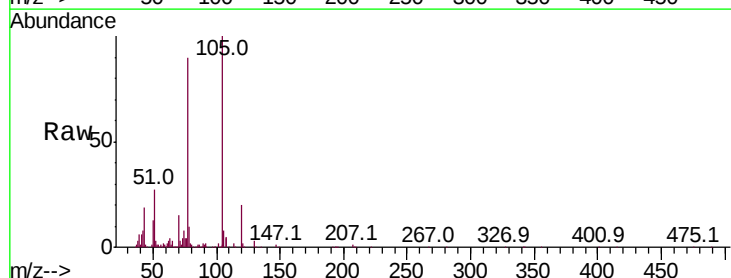
Ion Ratio Lower Upper

105 100

71 2.9 2.6 4.0

51 26.5 18.3 27.5

120 20.2 17.0 25.6

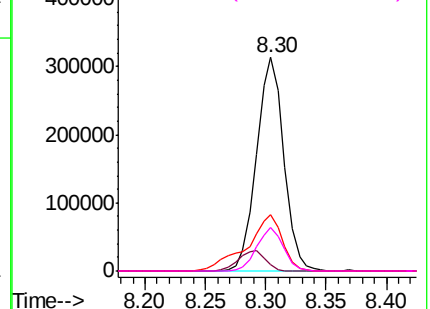


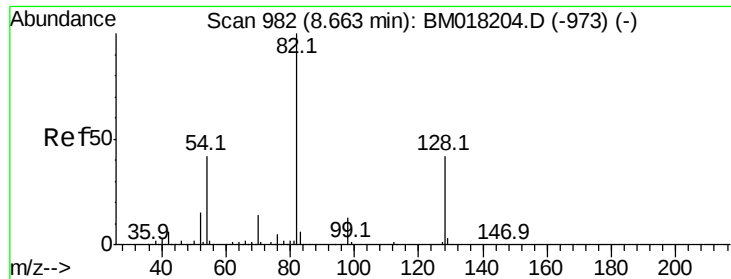
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

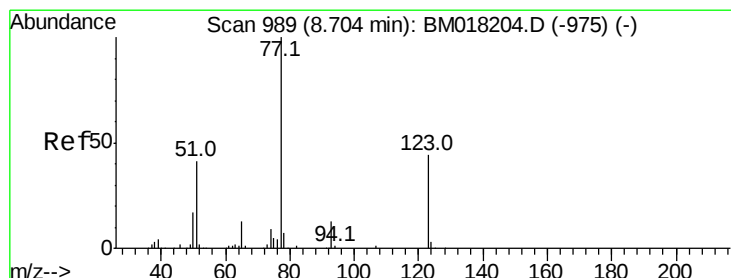
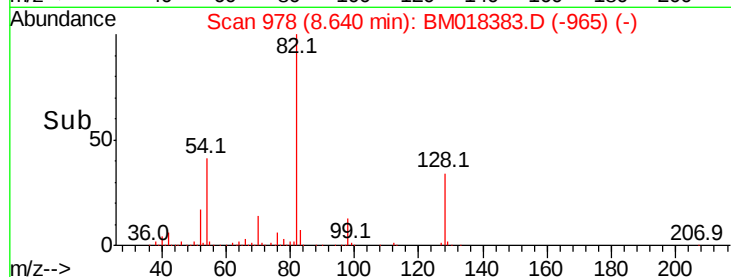
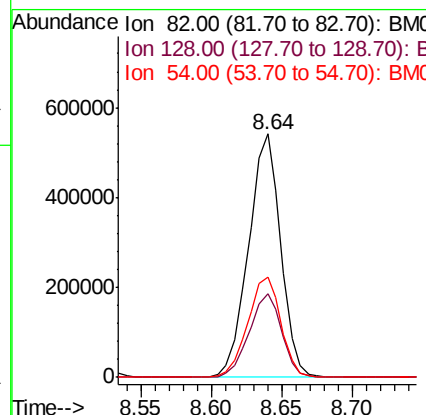
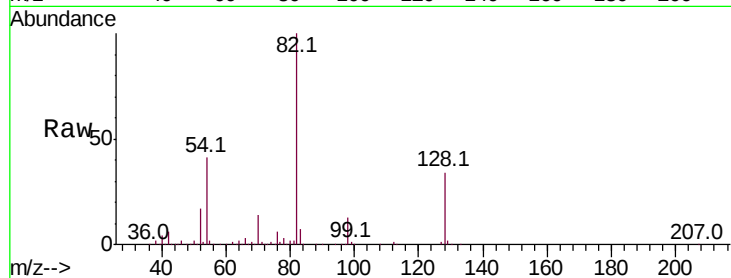




#23
Nitrobenzene-d5
Concen: 121.415 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

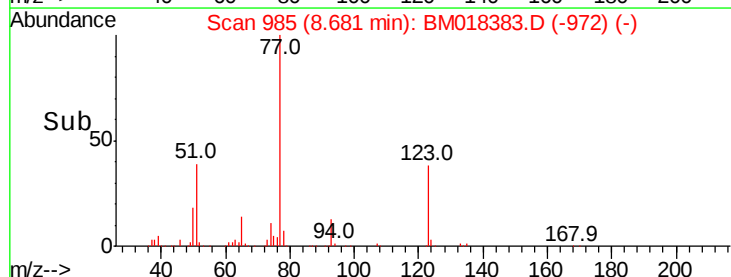
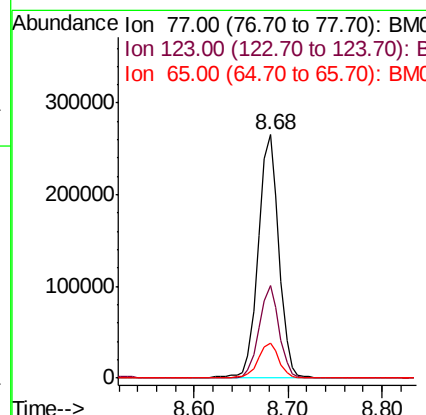
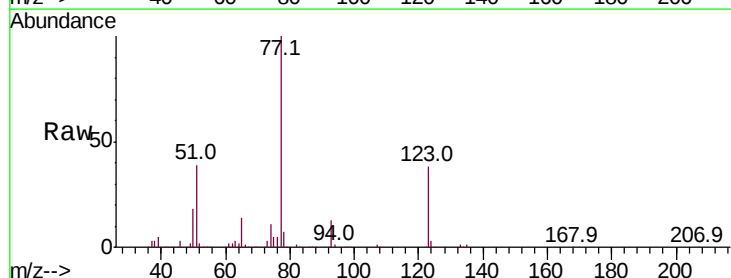
Instrument :
BNA_M
ClientSampleId :

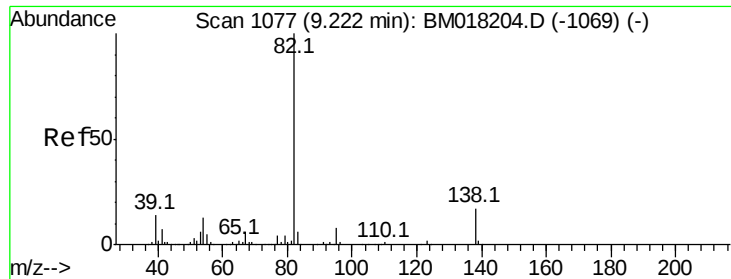
Tot Ion: 82 Resp: 865715
Ion Ratio Lower Upper
82 100
128 34.1 33.4 50.2
54 41.3 33.4 50.2



#24
Nitrobenzene
Concen: 56.358 ng
RT: 8.68 min Scan# 985
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion: 77 Resp: 401519
Ion Ratio Lower Upper
77 100
123 37.8 35.4 53.2
65 14.2 10.6 15.8

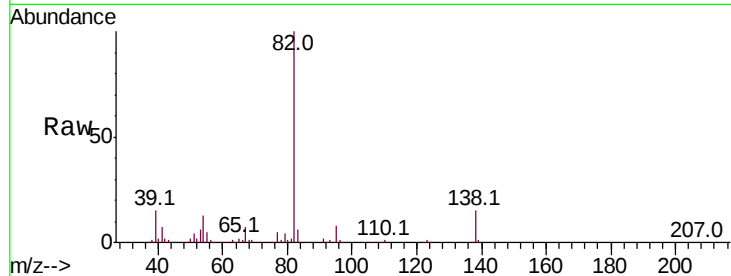




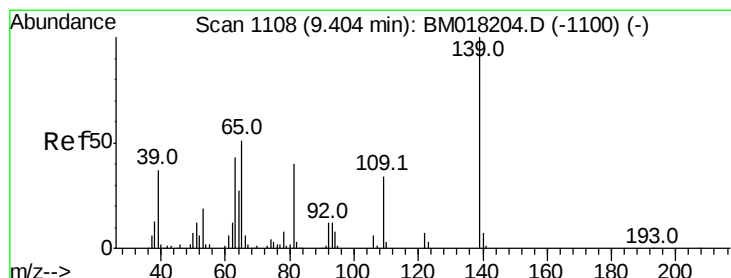
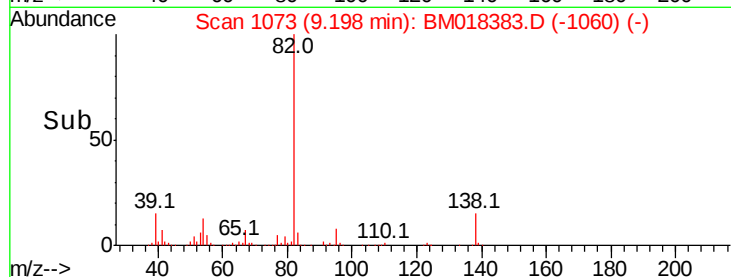
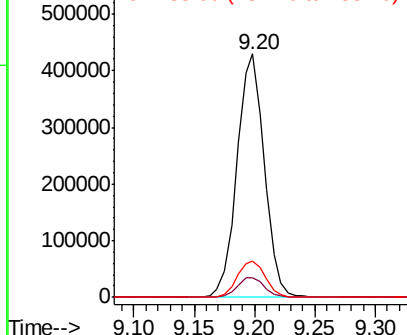
#25
Isophorone
Concen: 57.308 ng
RT: 9.20 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 680301
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 15.1 13.9 20.9

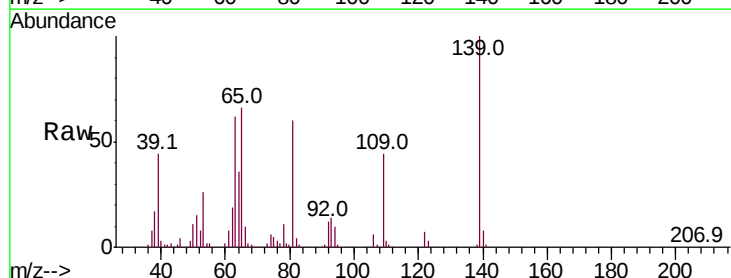


Abundance Ion 82.00 (81.70 to 82.70): BM018204.D (-1069) (-)
Ion 95.00 (94.70 to 95.70): BM018204.D (-1069) (-)
Ion 138.00 (137.70 to 138.70): BM018204.D (-1069) (-)

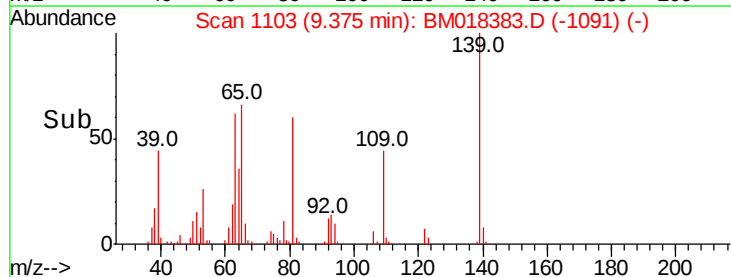
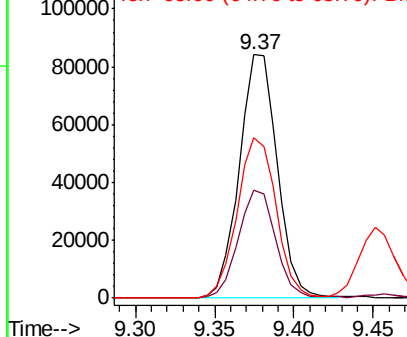


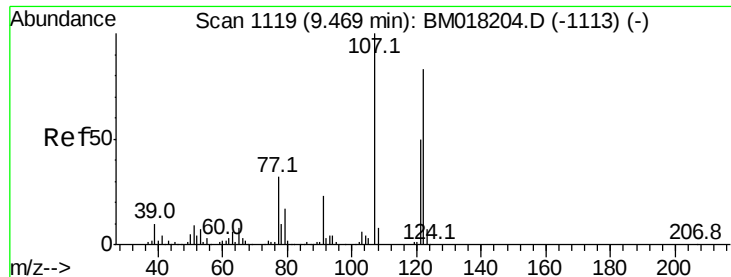
#26
2-Nitrophenol
Concen: 40.195 ng
RT: 9.37 min Scan# 1103
Delta R.T. -0.03 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion: 139 Resp: 140455
Ion Ratio Lower Upper
139 100
109 44.4 27.4 41.0#
65 65.7 41.0 61.4#



Abundance Ion 139.00 (138.70 to 139.70): BM018204.D (-1100) (-)
Ion 109.00 (108.70 to 109.70): BM018204.D (-1100) (-)
Ion 65.00 (64.70 to 65.70): BM018204.D (-1100) (-)





#27

2,4-Dimethylphenol

Concen: 53.766 ng

RT: 9.45 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

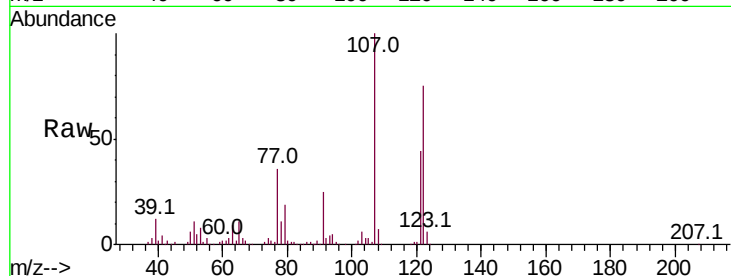
Tot Ion:122 Resp: 270771

Ion Ratio Lower Upper

122 100

107 133.6 96.5 144.7

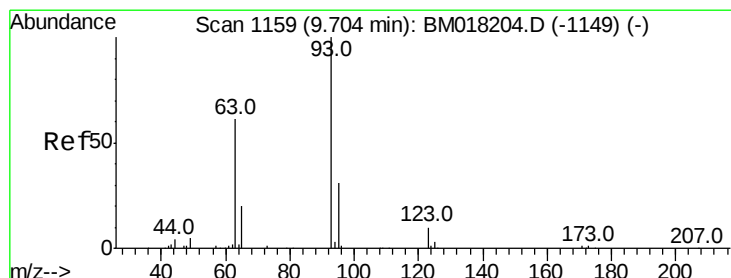
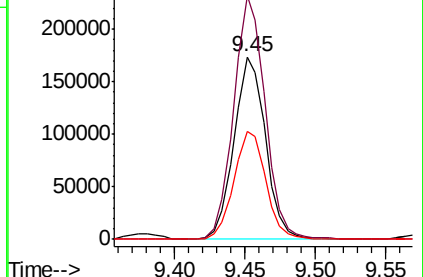
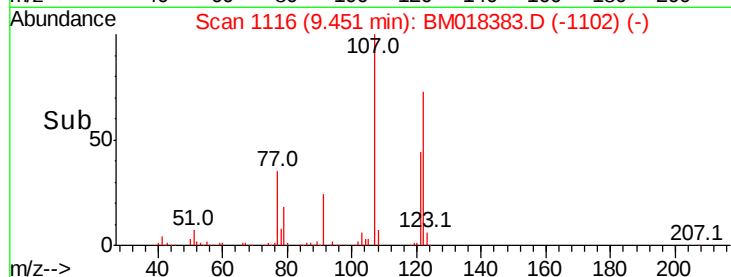
121 59.0 48.2 72.4



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: 50.370 ng

RT: 9.68 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

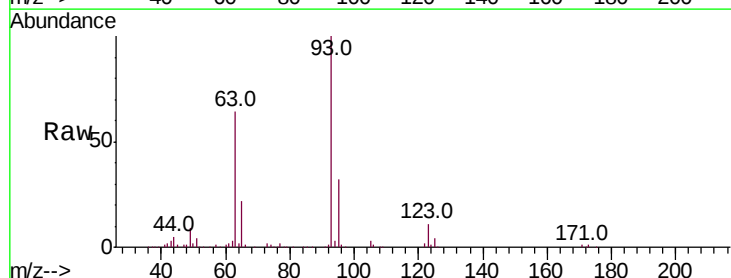
Tgt Ion: 93 Resp: 389760

Ion Ratio Lower Upper

93 100

95 31.9 25.3 37.9

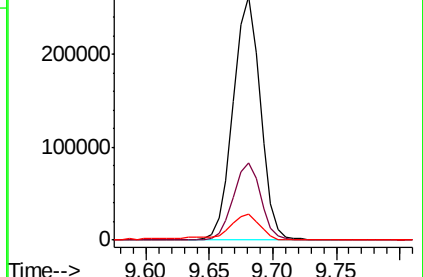
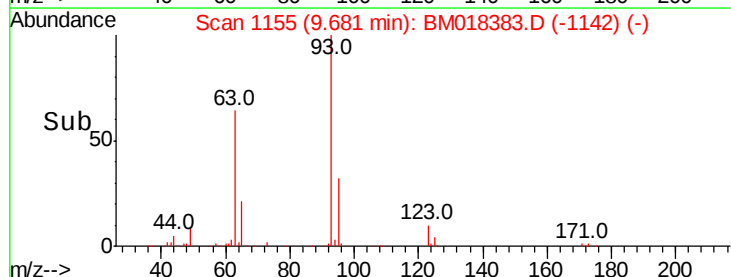
123 10.8 9.3 13.9

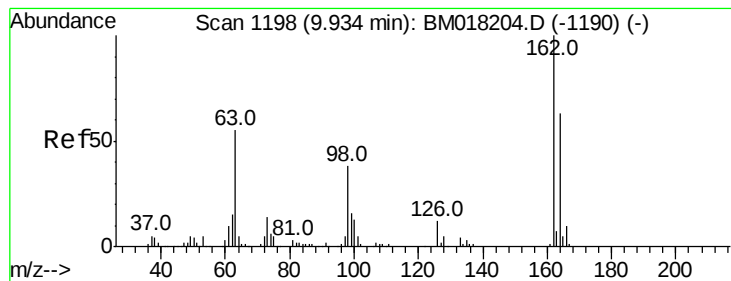


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.631 ng

RT: 9.92 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

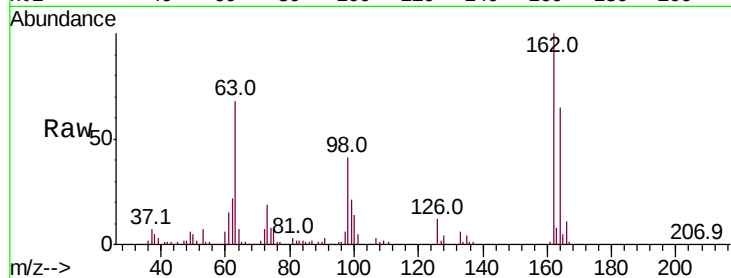
Tot Ion:162 Resp: 277128

Ion Ratio Lower Upper

162 100

164 65.1 43.0 83.0

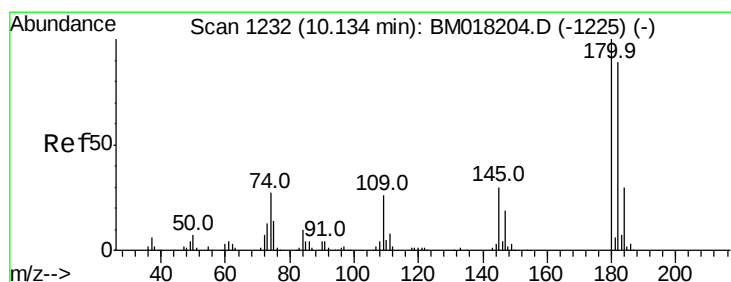
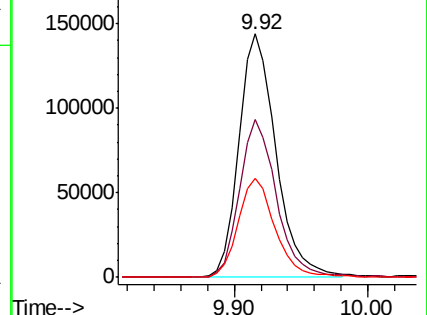
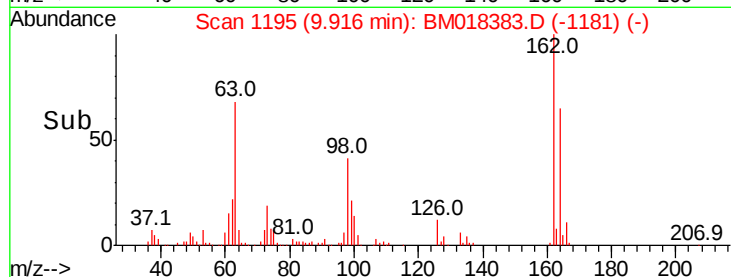
98 40.7 18.3 58.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 47.767 ng

RT: 10.11 min Scan# 1228

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

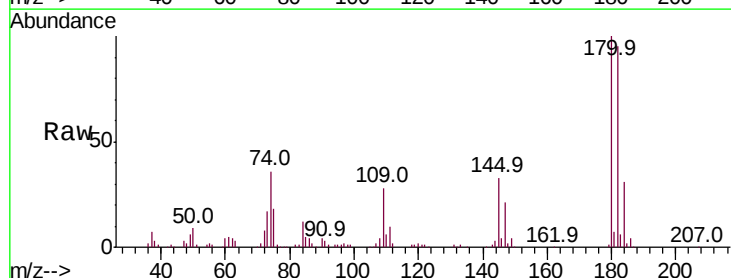
Tgt Ion:180 Resp: 303384

Ion Ratio Lower Upper

180 100

182 94.9 71.4 107.2

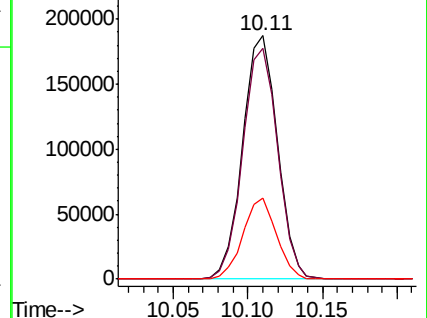
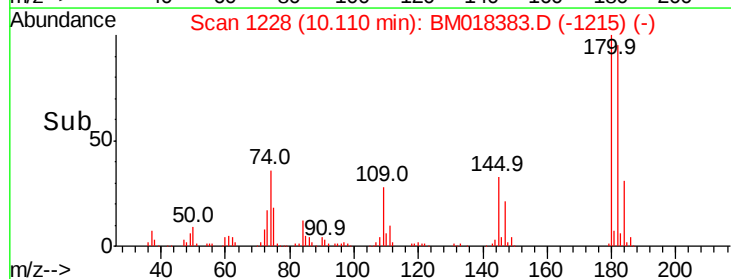
145 33.2 24.4 36.6

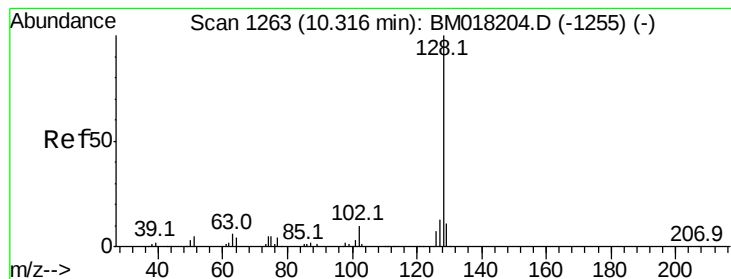


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

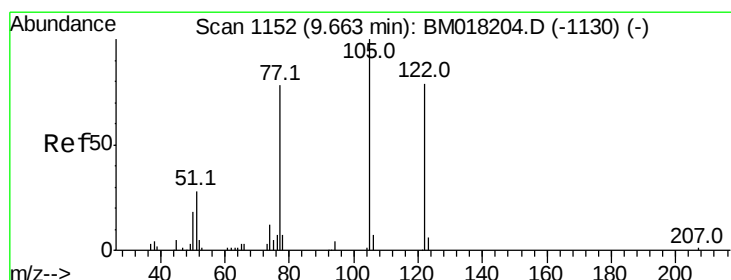
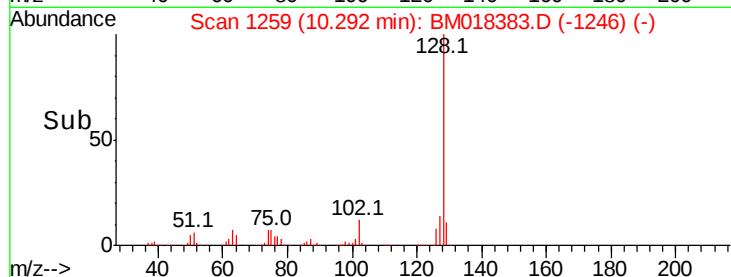
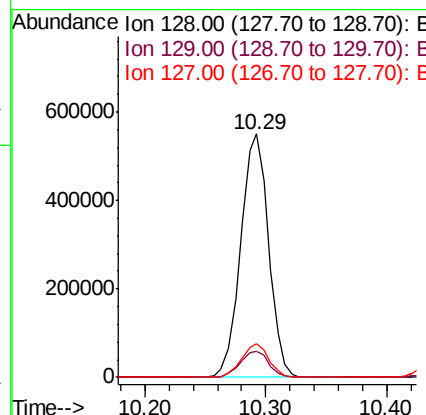
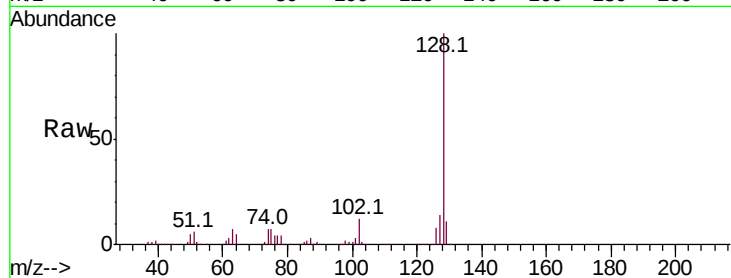




#31
Naphthalene
Concen: 49.528 ng
RT: 10.29 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

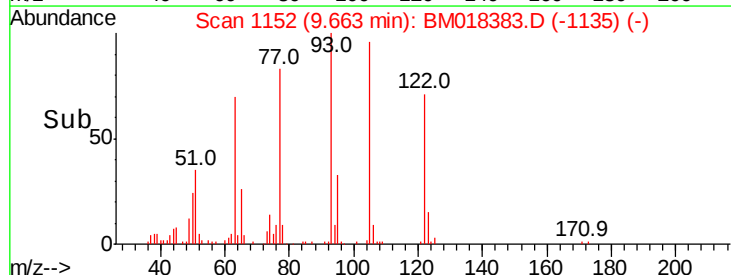
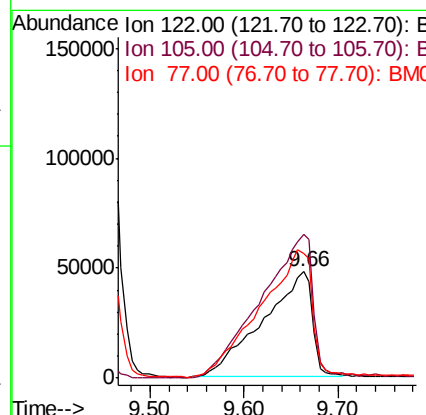
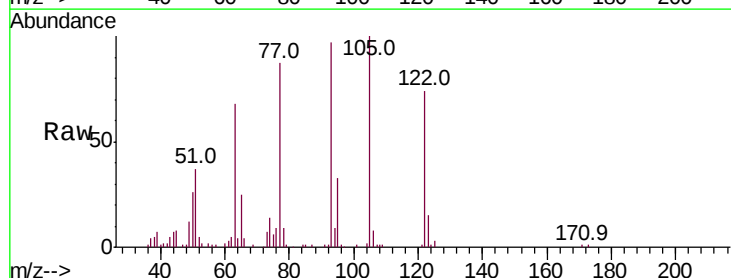
Instrument :
BNA_M
ClientSampleId :

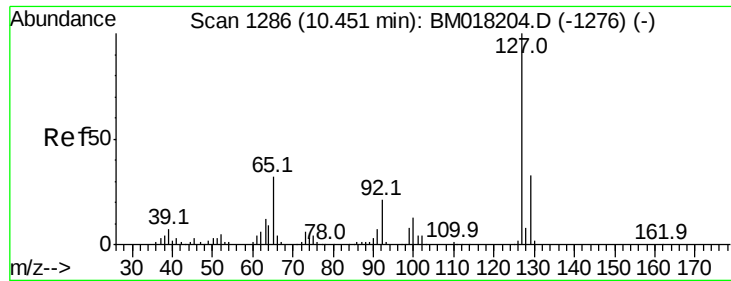
Tot Ion:128 Resp: 885744
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.9 10.4 15.6



#32
Benzoic acid
Concen: 36.353 ng
RT: 9.66 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion:122 Resp: 173358
Ion Ratio Lower Upper
122 100
105 135.5 104.8 144.8
77 117.6 77.7 117.7

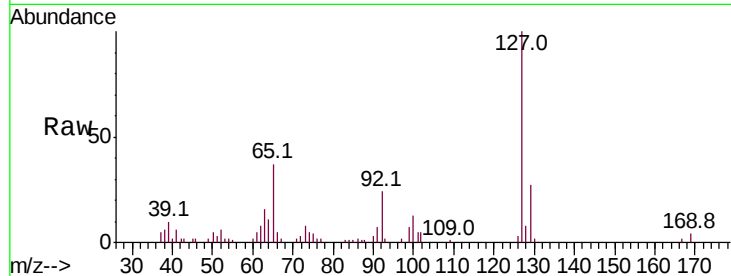




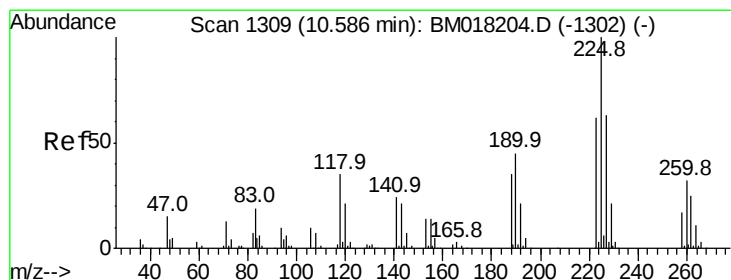
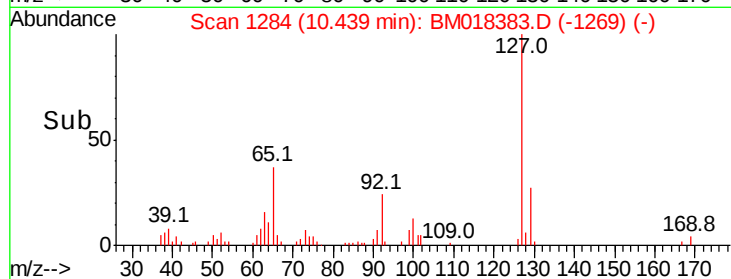
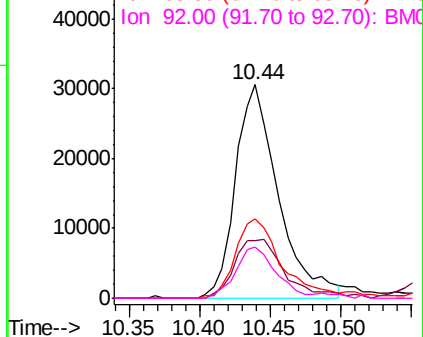
#33
4-Chloroaniline
Concen: 8.289 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	64932
Ion	Ratio	Lower	Upper
127	100		
129	27.1	26.4	39.6
65	37.0	25.6	38.4
92	24.2	17.0	25.6

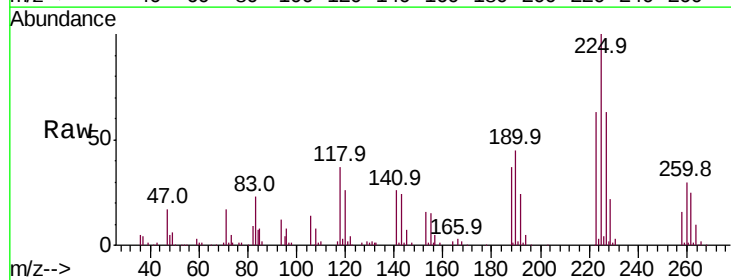


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

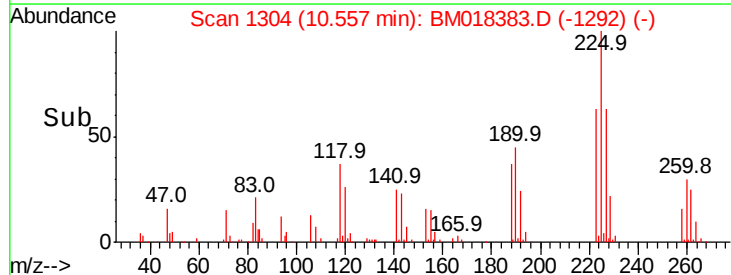
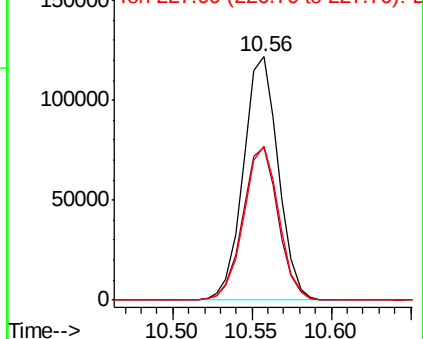


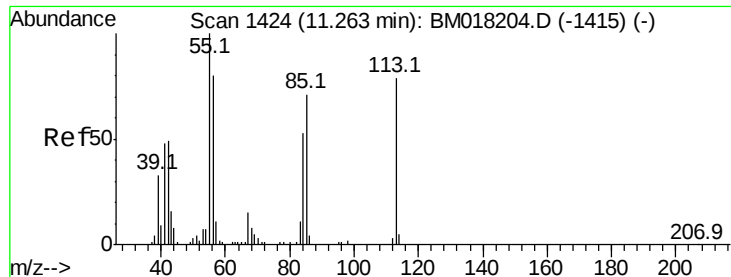
#34
Hexachlorobutadiene
Concen: 46.183 ng
RT: 10.56 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion:	225	Resp:	185515
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	63.4	50.2	75.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

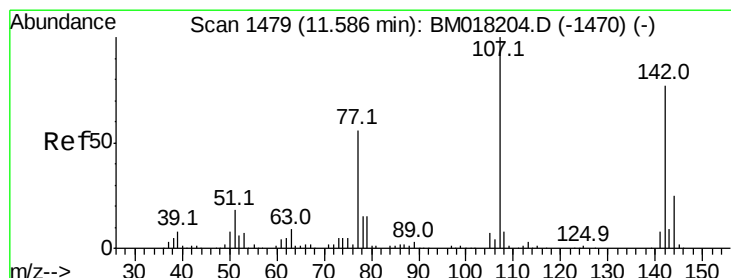
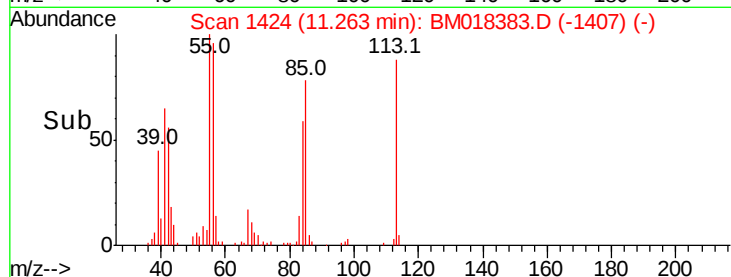
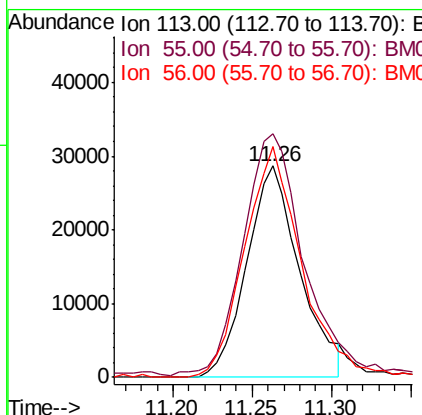
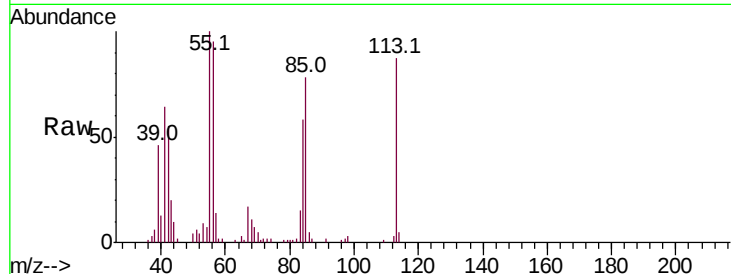




#35
Caprolactam
Concen: 31.289 ng
RT: 11.26 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

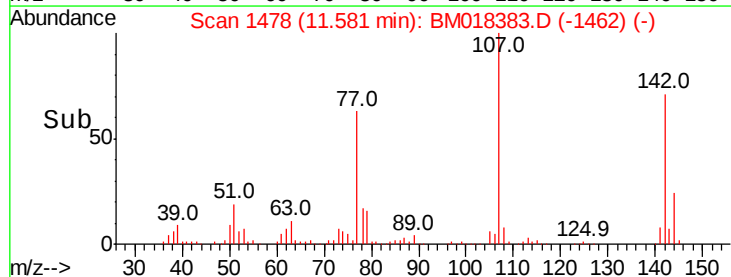
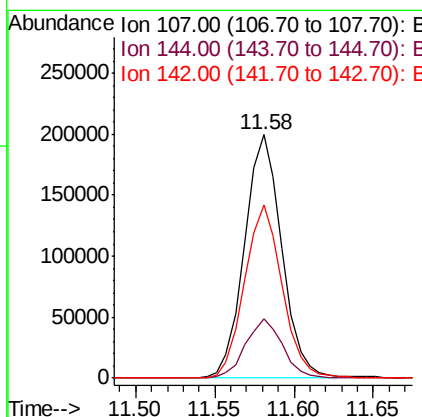
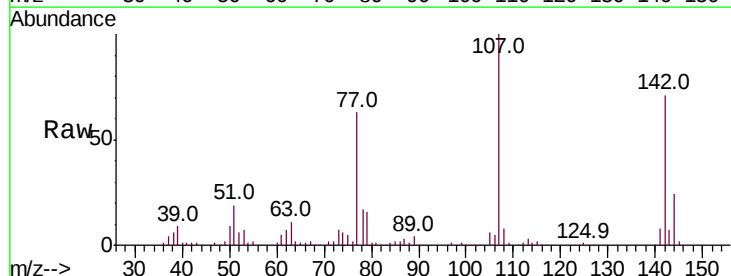
Instrument :
BNA_M
ClientSampleId :

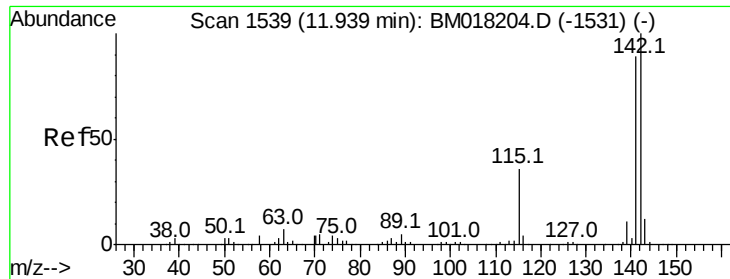
Tot Ion:113 Resp: 66572
Ion Ratio Lower Upper
113 100
55 115.1 105.9 145.9
56 109.0 80.1 120.1



#36
4-Chloro-3-methylphenol
Concen: 48.646 ng
RT: 11.58 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion:107 Resp: 326384
Ion Ratio Lower Upper
107 100
144 24.4 20.1 30.1
142 71.3 61.7 92.5

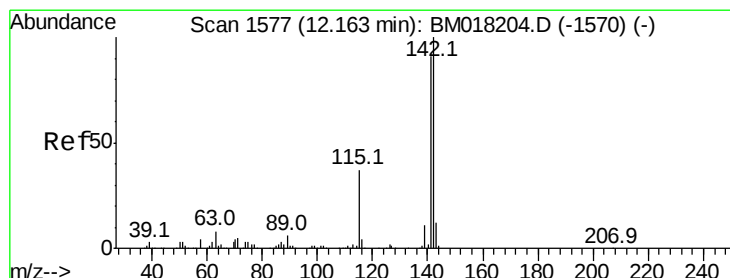
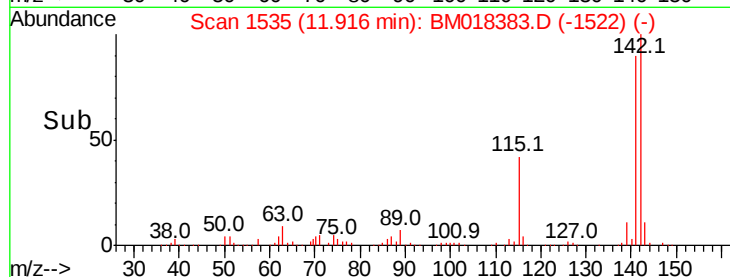
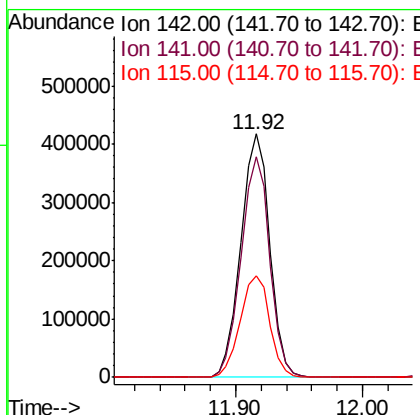
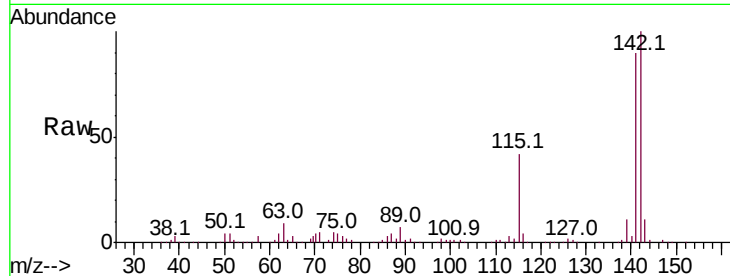




#37
2-Methylnaphthalene
Concen: 52.200 ng
RT: 11.92 min Scan# 1535
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

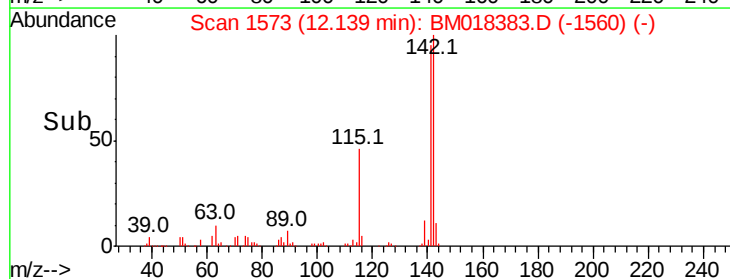
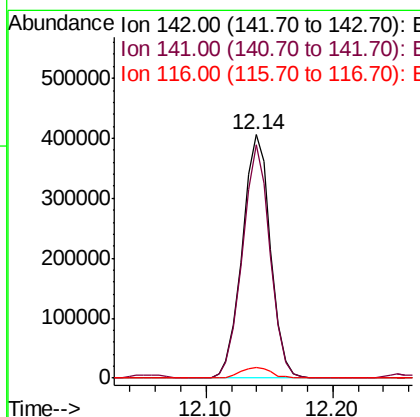
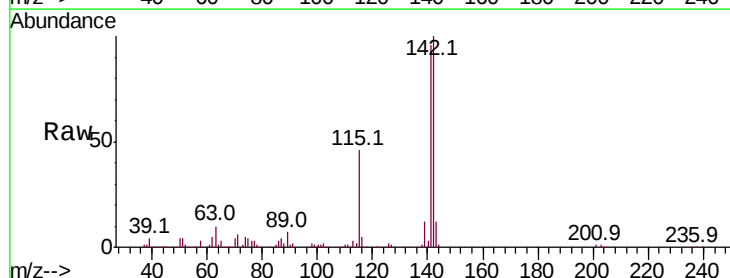
Instrument :
BNA_M
ClientSampleId :

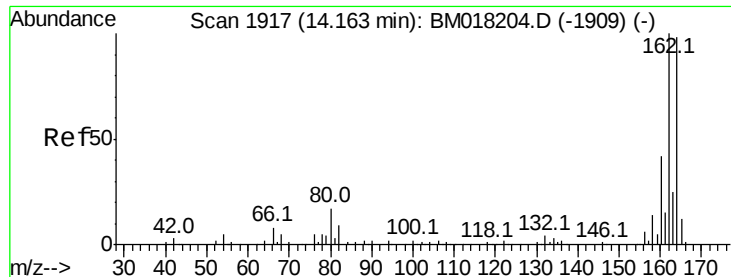
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.4	107.2
115	41.8	29.0	43.6



#38
1-Methylnaphthalene
Concen: 50.704 ng
RT: 12.14 min Scan# 1573
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	73.0	109.4
116	4.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.14 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

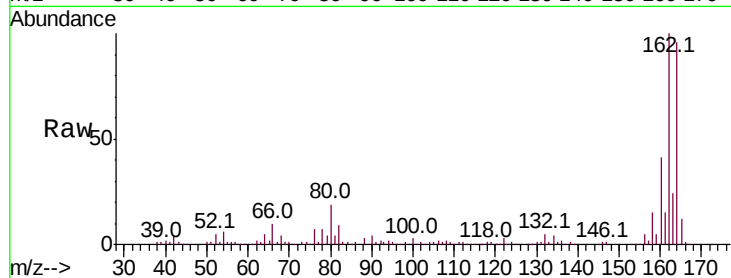
Tot Ion:164 Resp: 214156

Ion Ratio Lower Upper

164 100

162 104.4 81.8 122.6

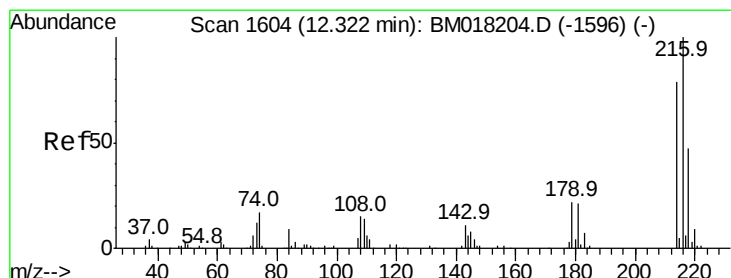
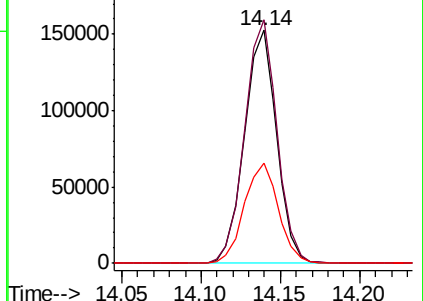
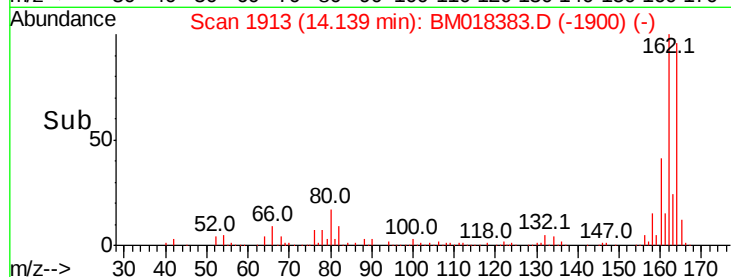
160 43.0 34.6 51.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.181 ng

RT: 12.29 min Scan# 1599

Delta R.T. -0.03 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Tgt Ion:216 Resp: 347453

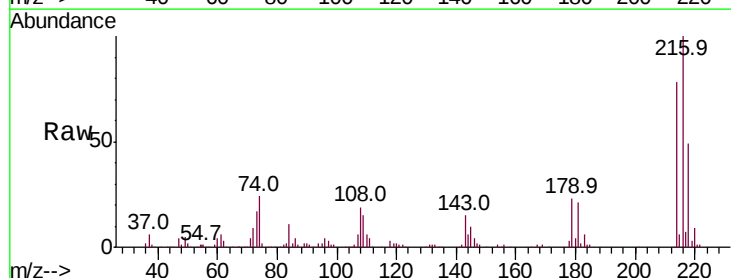
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 22.3 17.2 25.8

108 20.2 14.6 21.8

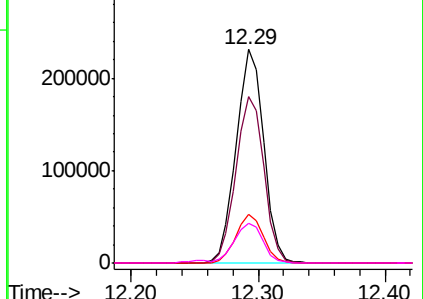
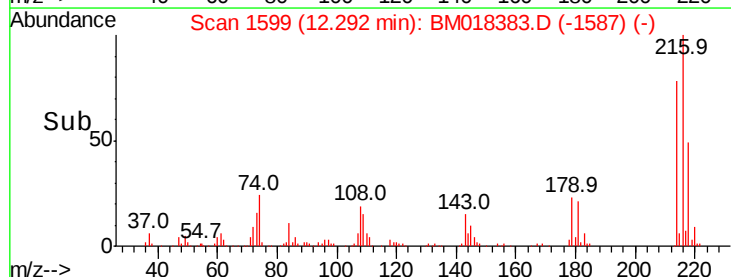


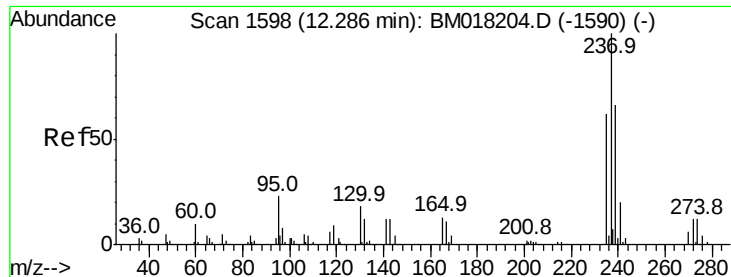
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 29.142 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.03 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

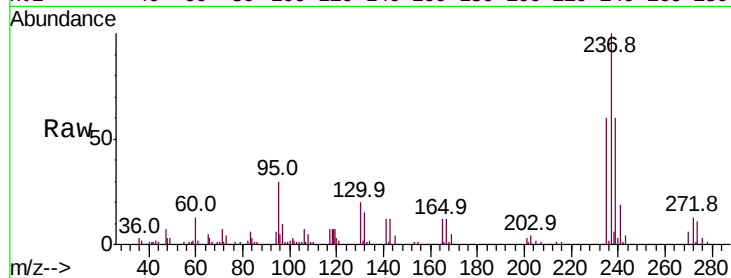
Tot Ion:237 Resp: 75528

Ion Ratio Lower Upper

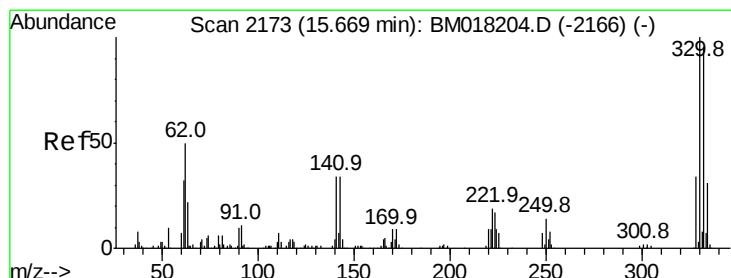
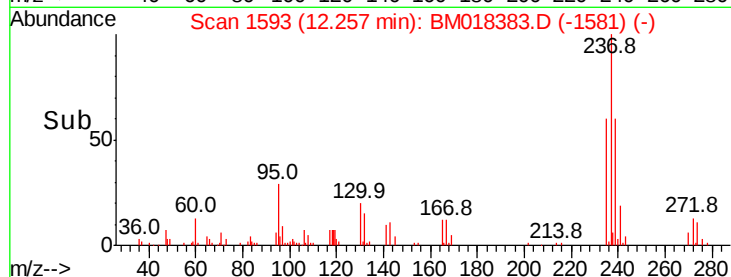
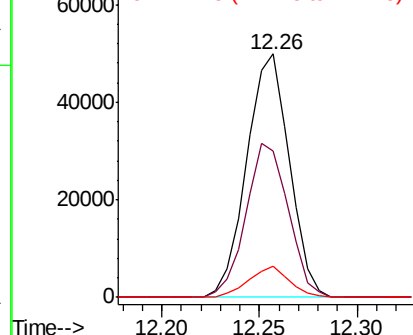
237 100

235 60.0 42.1 82.1

272 12.7 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 151.604 ng

RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

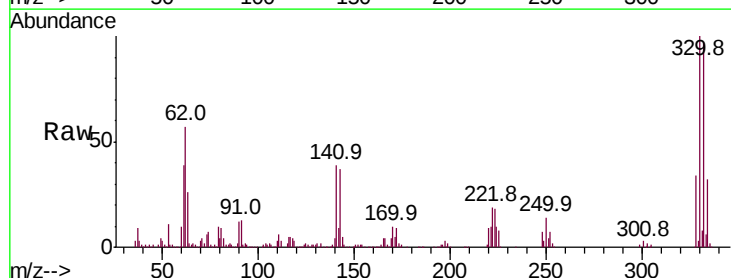
Tgt Ion:330 Resp: 476525

Ion Ratio Lower Upper

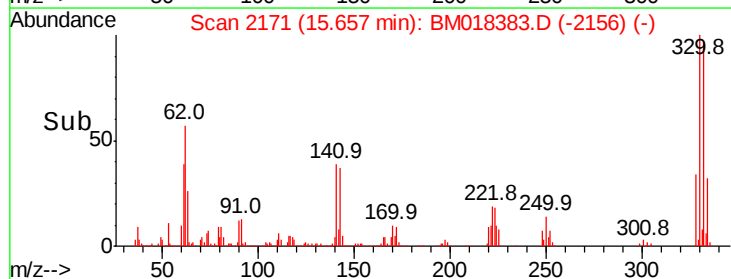
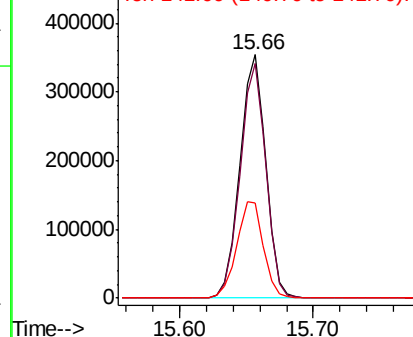
330 100

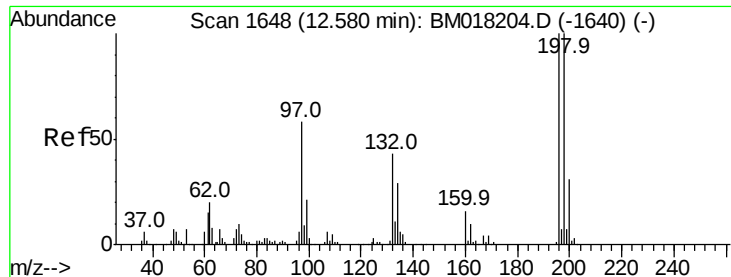
332 95.7 78.6 118.0

141 40.9 27.1 40.7#



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

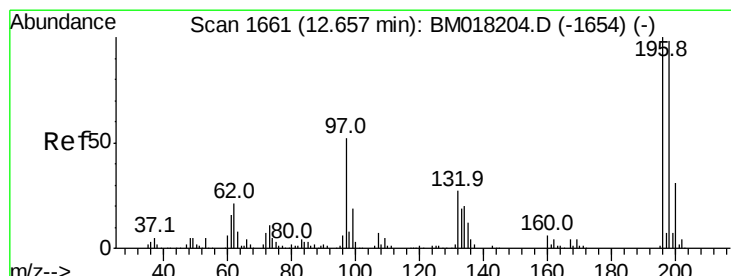
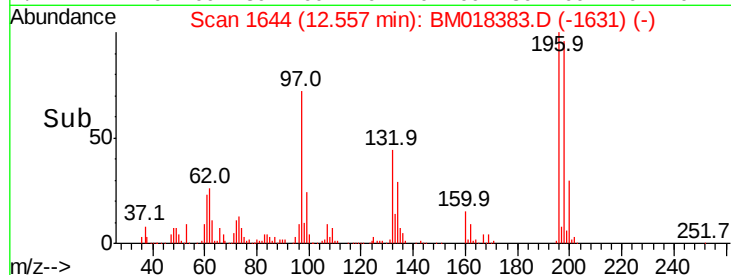
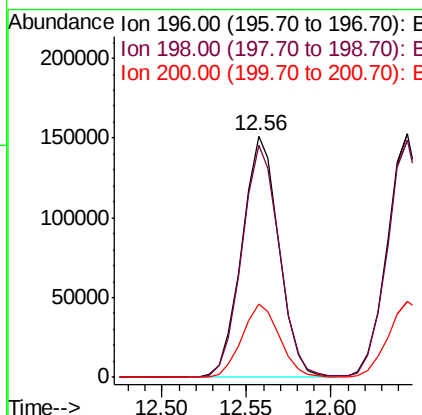
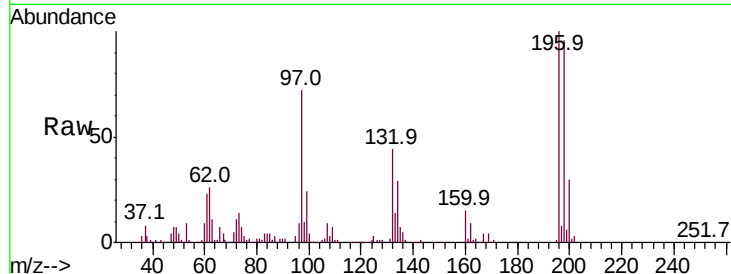




#43
 2,4,6-Trichlorophenol
 Concen: 48.929 ng
 RT: 12.56 min Scan# 1644
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

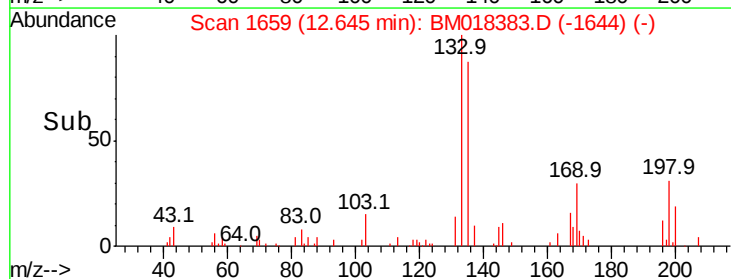
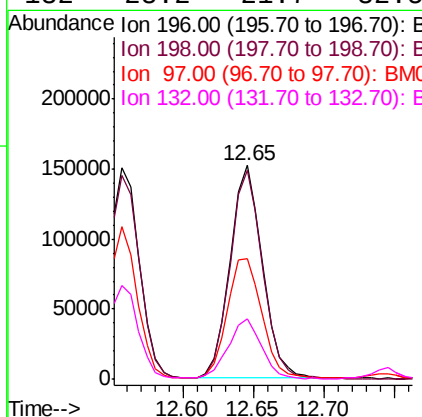
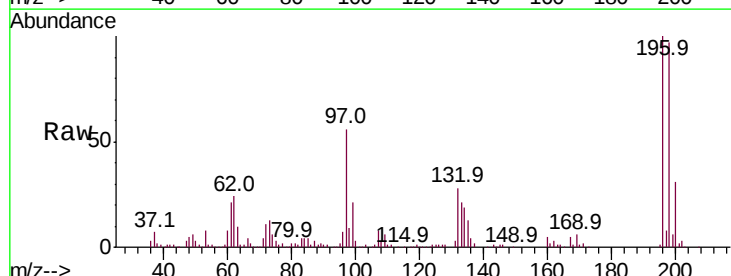
Instrument :
 BNA_M
 ClientSampleId :

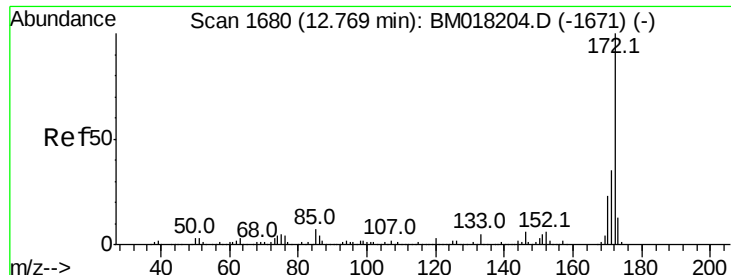
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	80.1	120.1
200	30.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 48.144 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.5	117.7
97	56.1	41.9	62.9
132	28.2	21.7	32.5



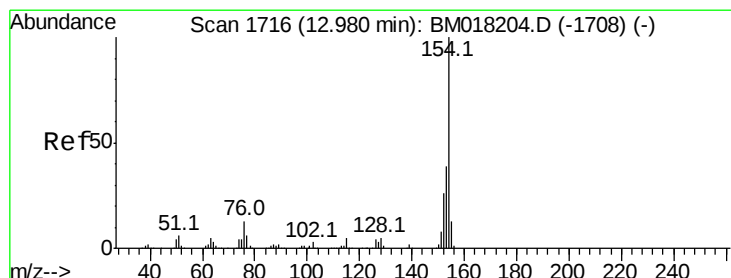
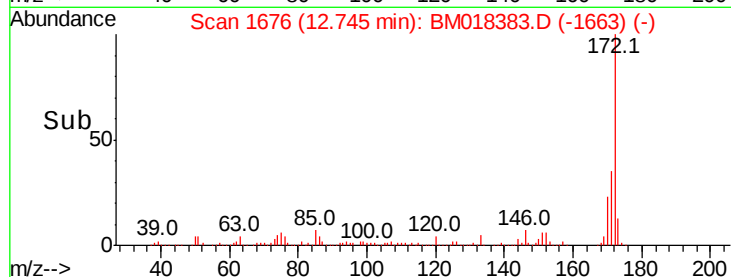
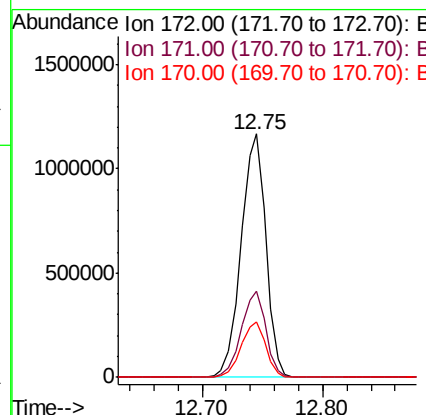
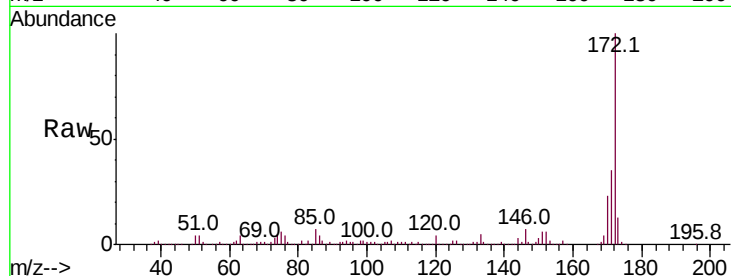


#45
 2-Fluorobiphenyl
 Concen: 100.936 ng
 RT: 12.75 min Scan# 1676
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1668886

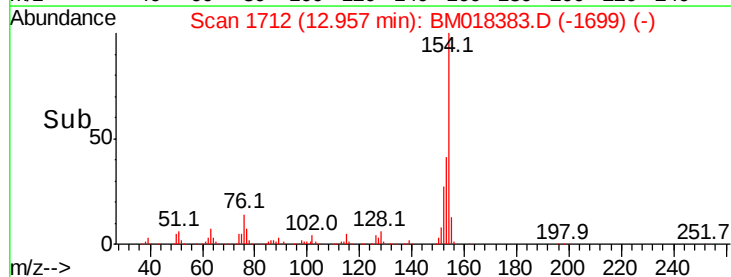
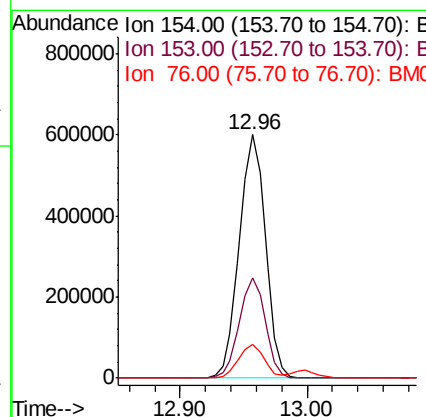
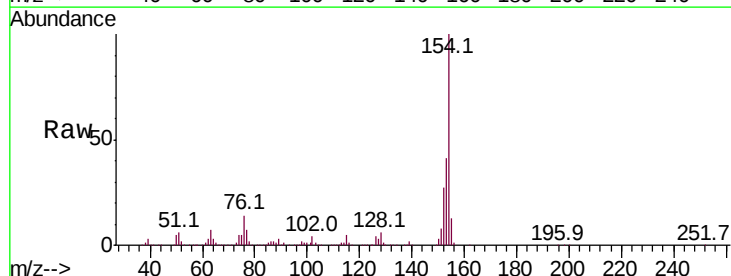
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	22.7	18.1	27.1

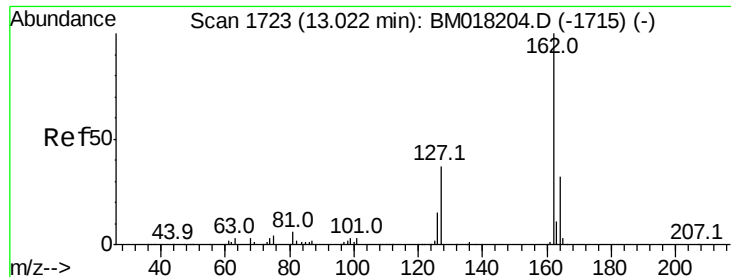


#46
 1,1'-Biphenyl
 Concen: 44.541 ng
 RT: 12.96 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Tgt Ion:154 Resp: 858137

Ion	Ratio	Lower	Upper
154	100		
153	41.2	19.5	59.5
76	13.8	0.0	33.1

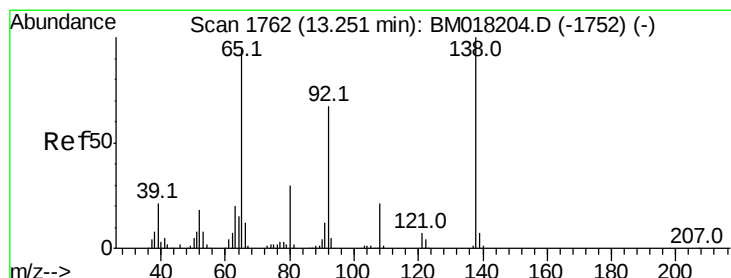
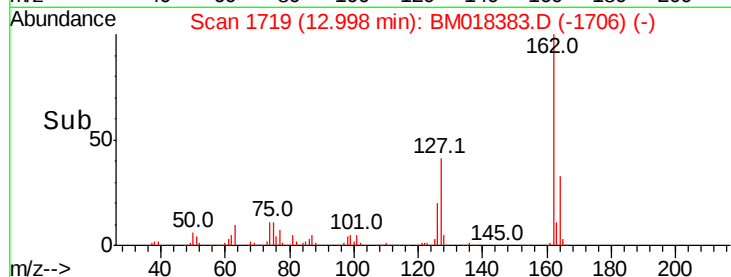
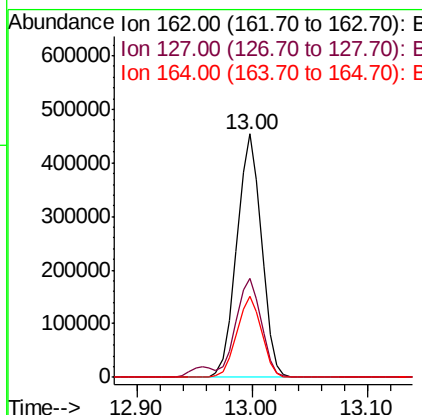
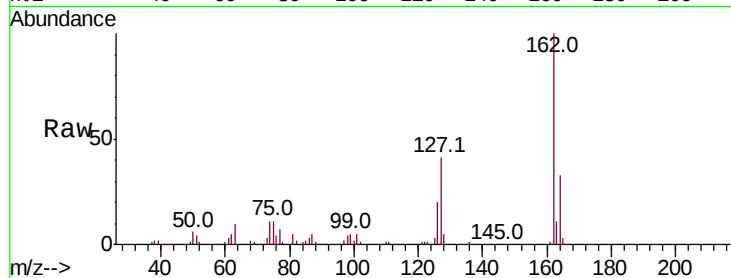




#47
 2-Chloronaphthalene
 Concen: 47.427 ng
 RT: 13.00 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

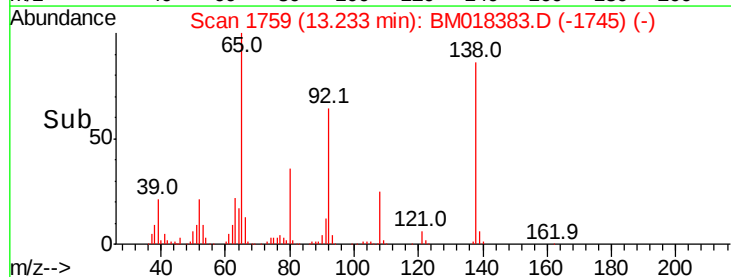
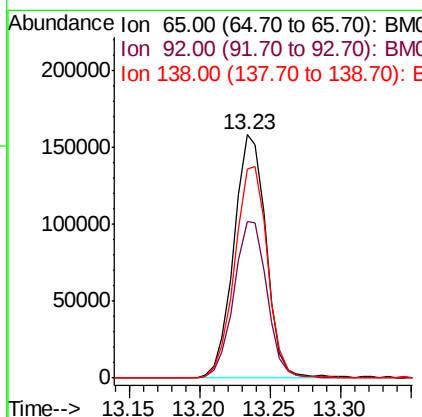
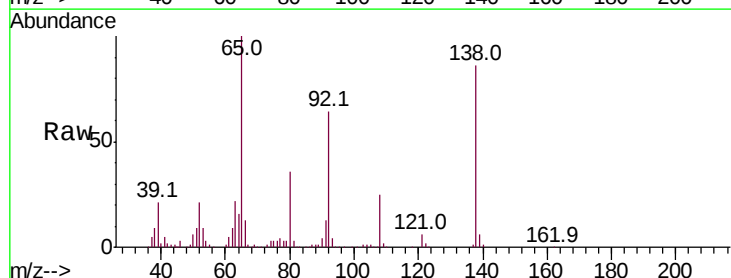
Instrument :
 BNA_M
 ClientSampled :

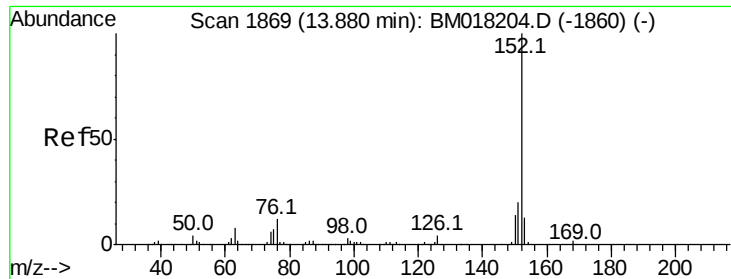
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	31.8	47.8
164	33.4	25.9	38.9



#48
 2-Nitroaniline
 Concen: 58.053 ng
 RT: 13.23 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.4	56.8	85.2
138	85.9	85.1	127.7





#49

Acenaphthylene

Concen: 50.292 ng

RT: 13.86 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

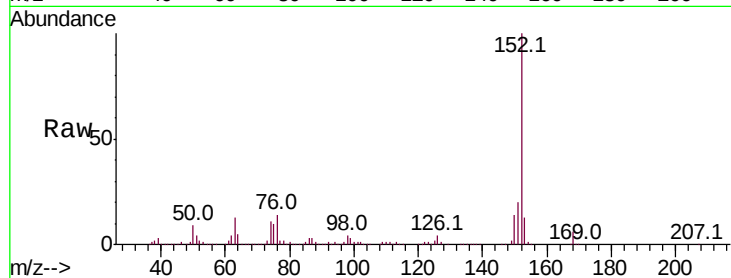
Tot Ion:152 Resp: 1074718

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

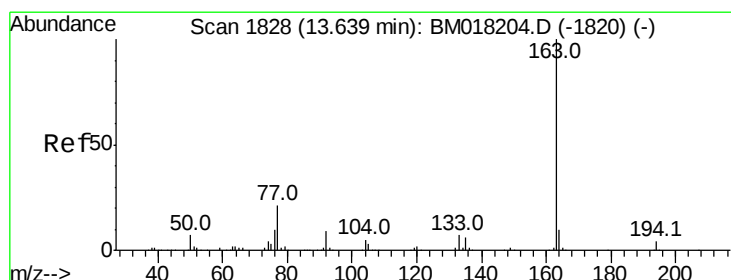
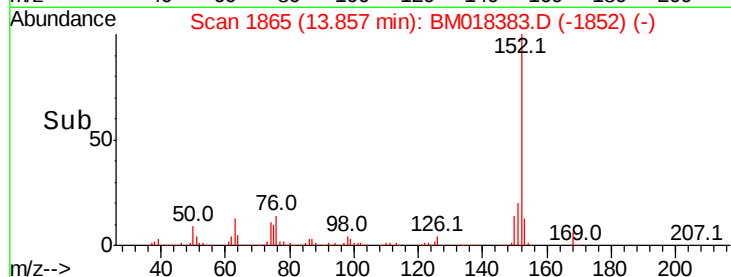
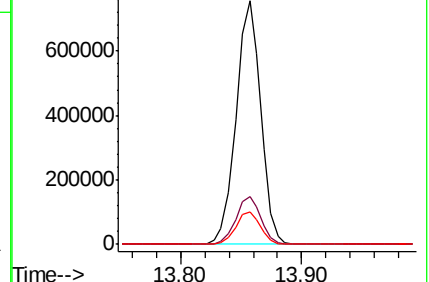
153 13.2 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.090 ng

RT: 13.62 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

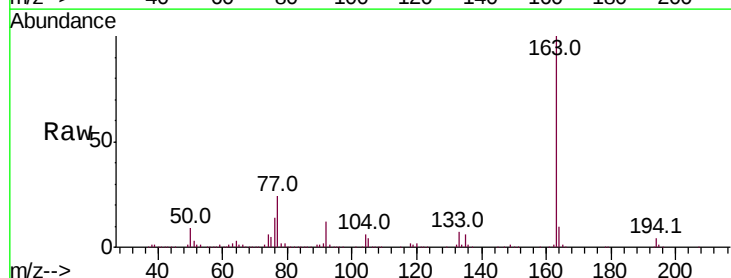
Tgt Ion:163 Resp: 856209

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

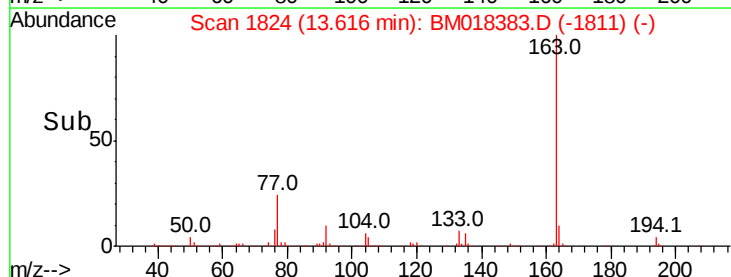
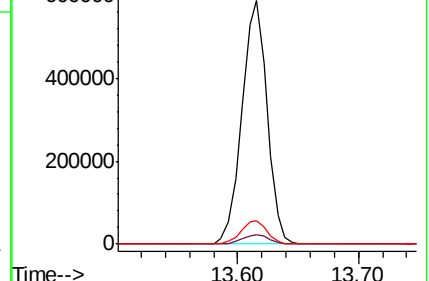
164 9.7 7.9 11.9

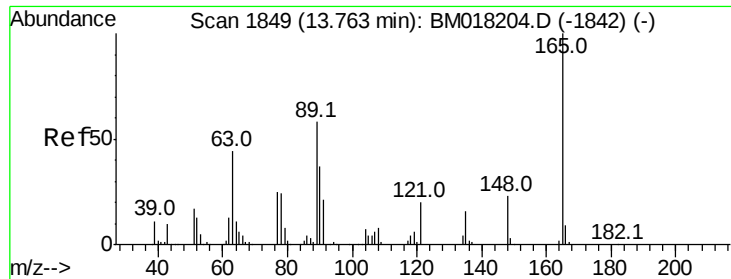


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

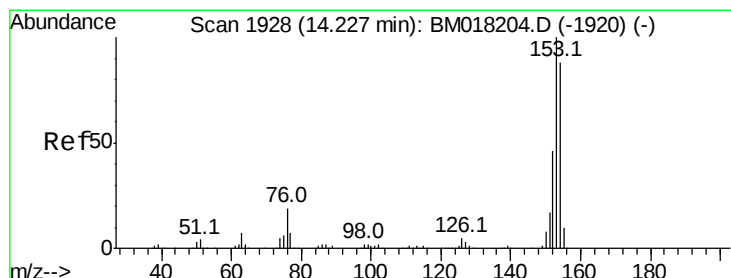
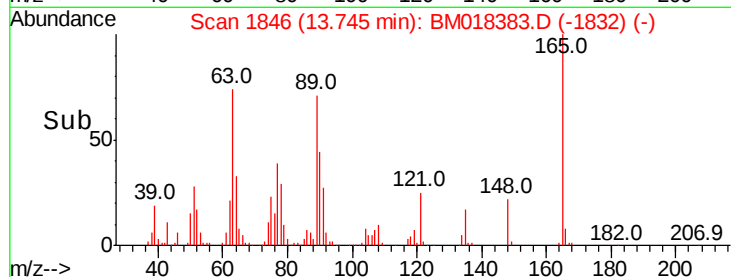
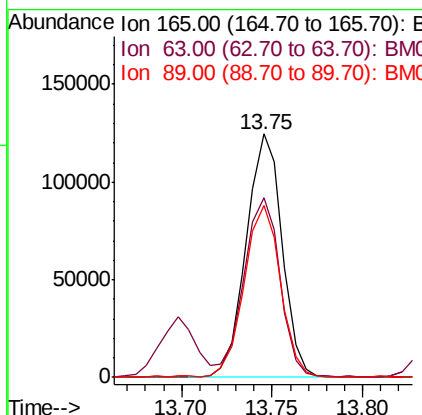
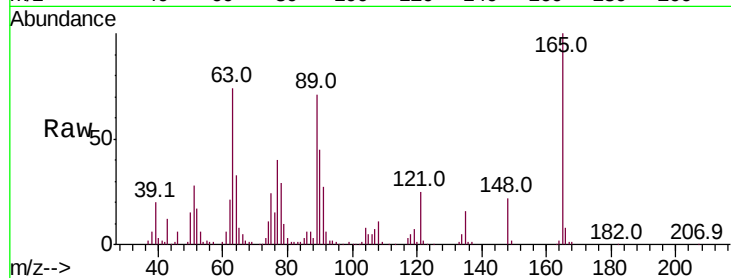




#51
 2,6-Dinitrotoluene
 Concen: 43.724 ng
 RT: 13.75 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

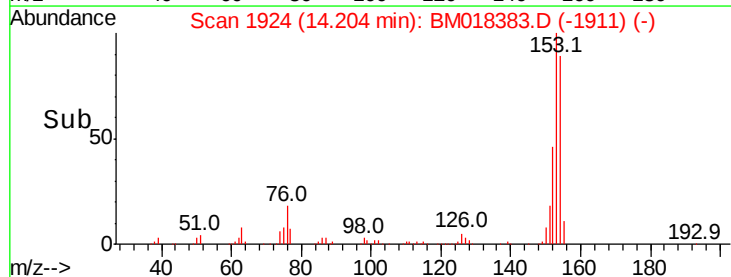
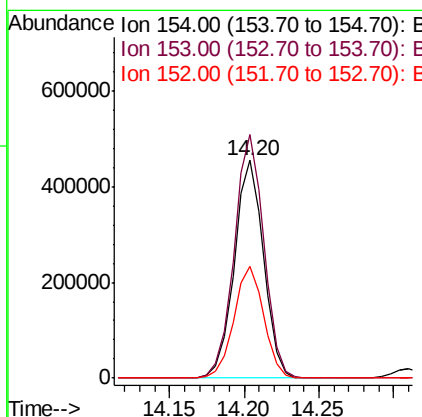
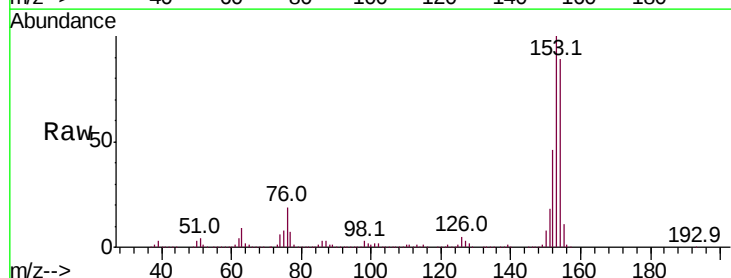
Instrument :
 BNA_M
 ClientSampleId :

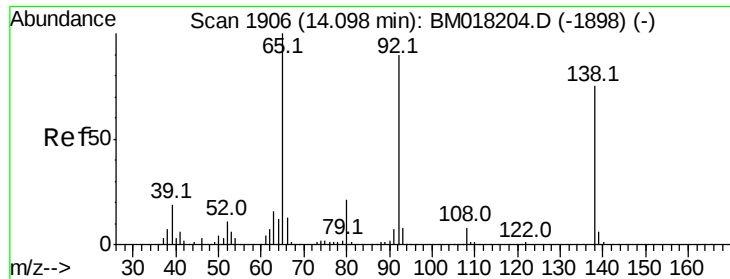
Tot Ion	Ratio	Lower	Upper
165	100		
63	73.7	46.6	69.8#
89	70.7	46.3	69.5#



#52
 Acenaphthene
 Concen: 47.667 ng
 RT: 14.20 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.4	135.6
152	51.5	41.2	61.8





#53

3-Nitroaniline

Concen: 24.314 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

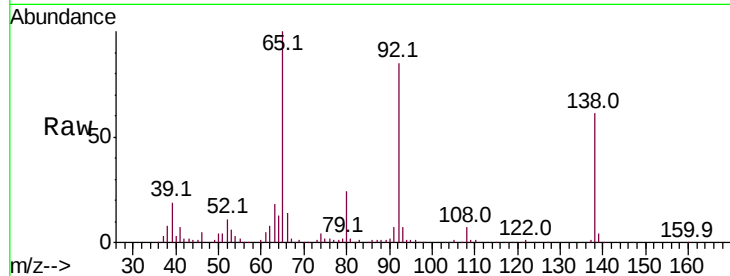
Tot Ion:138 Resp: 100144

Ion Ratio Lower Upper

138 100

108 11.5 8.4 12.6

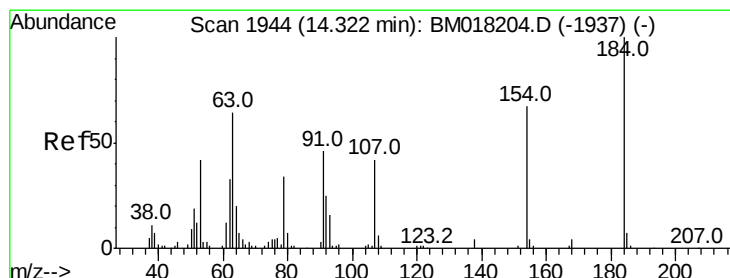
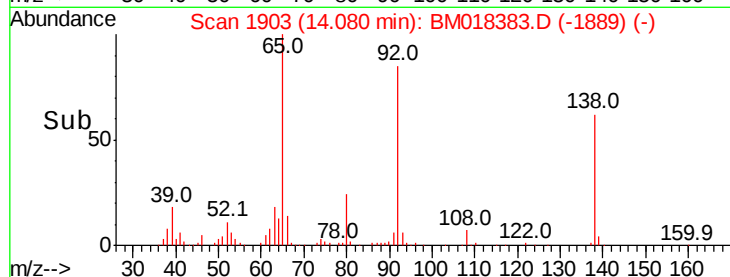
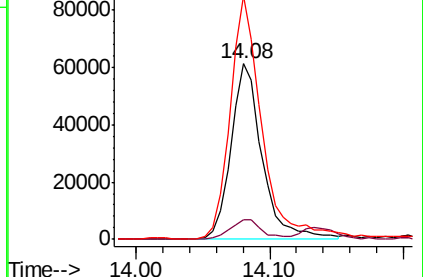
92 138.7 94.9 142.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 18.956 ng

RT: 14.31 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

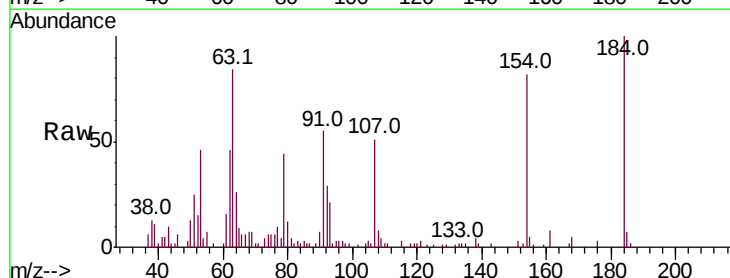
Tgt Ion:184 Resp: 40927

Ion Ratio Lower Upper

184 100

63 83.6 51.6 77.4#

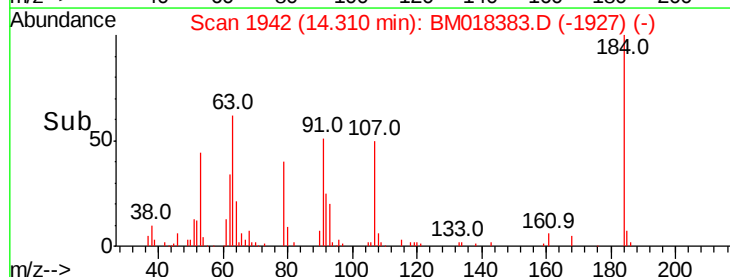
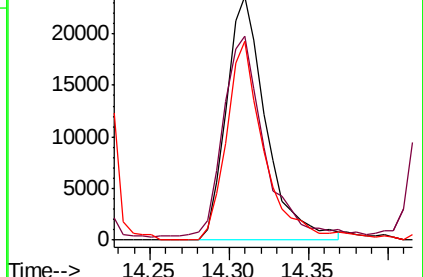
154 81.7 54.0 81.0#

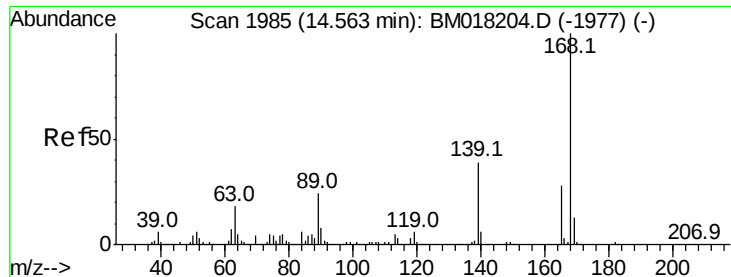


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

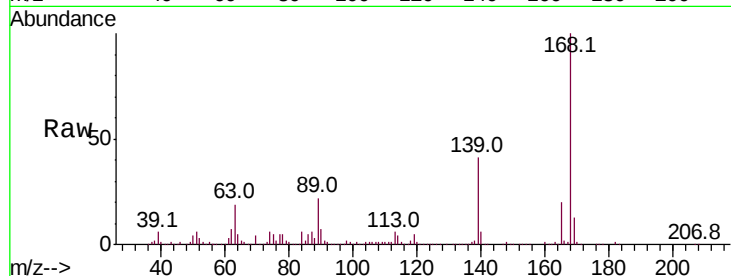




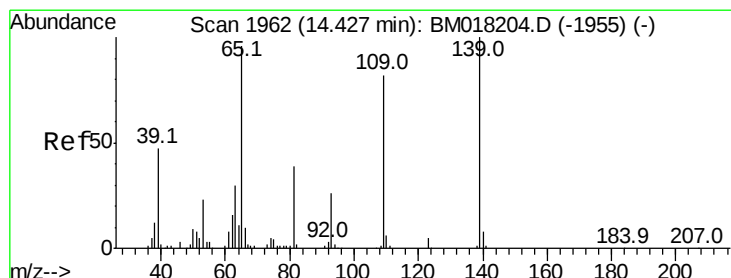
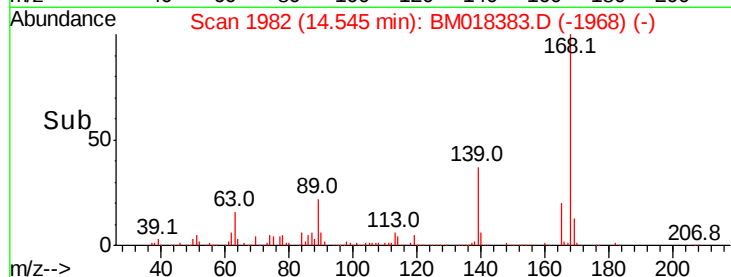
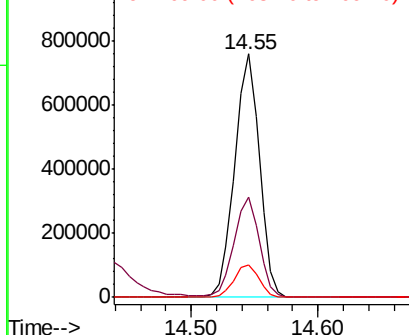
#55
Dibenzofuran
Concen: 48.643 ng
RT: 14.55 min Scan# 1982
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampled :

Tot Ion:168 Resp: 1020737
Ion Ratio Lower Upper
168 100
139 41.1 31.2 46.8
169 13.3 10.4 15.6

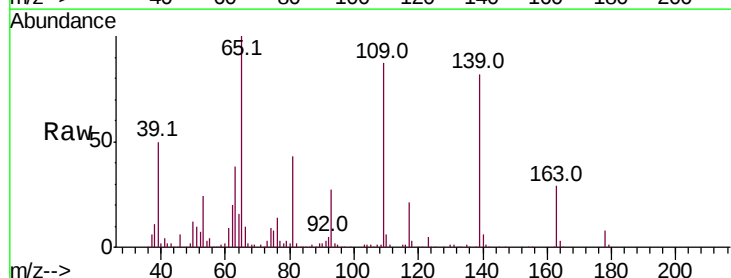


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

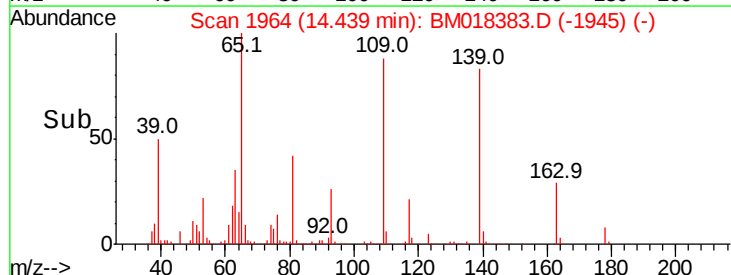
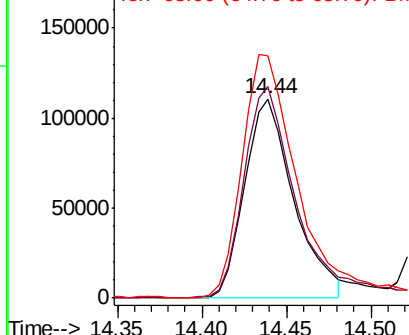


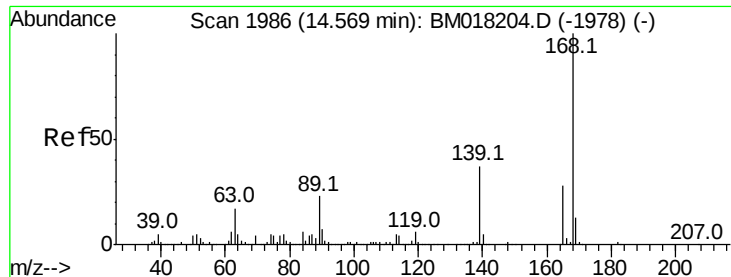
#56
4-Nitrophenol
Concen: 72.040 ng
RT: 14.44 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion:139 Resp: 224970
Ion Ratio Lower Upper
139 100
109 106.5 62.3 102.3#
65 121.8 76.4 116.4#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

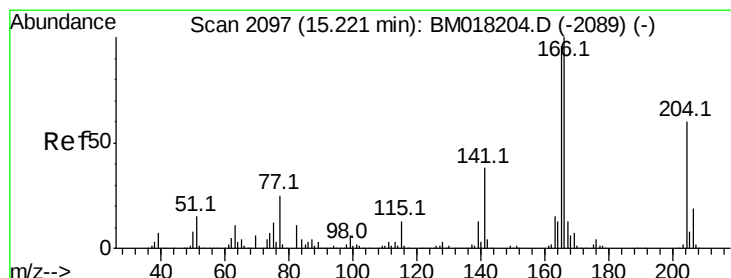
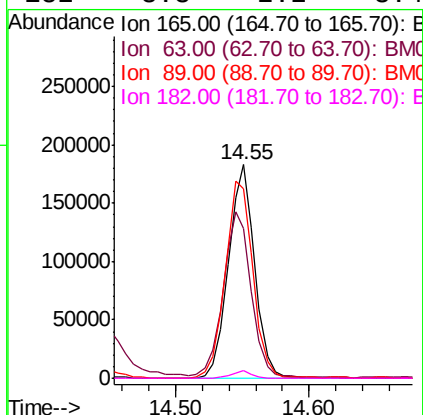
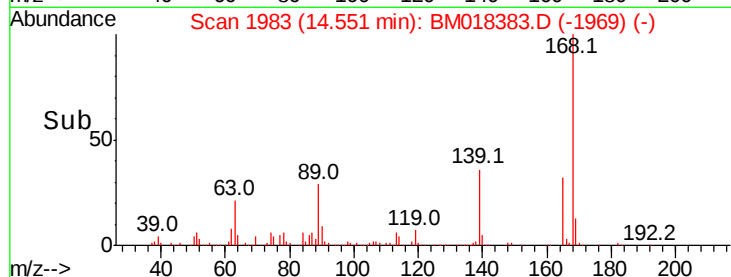
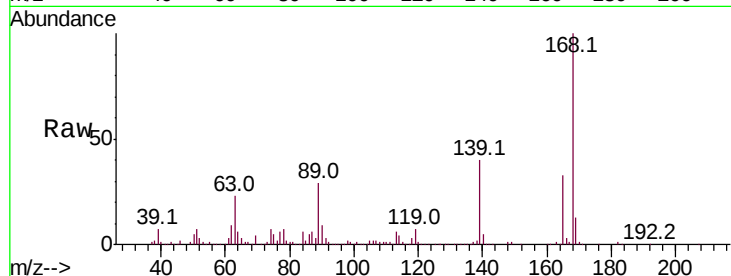




#57
 2,4-Dinitrotoluene
 Concen: 46.357 ng
 RT: 14.55 min Scan# 1983
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

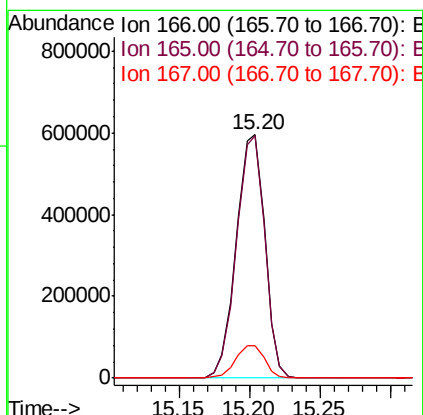
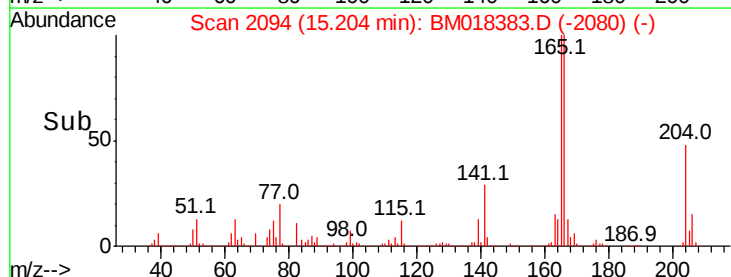
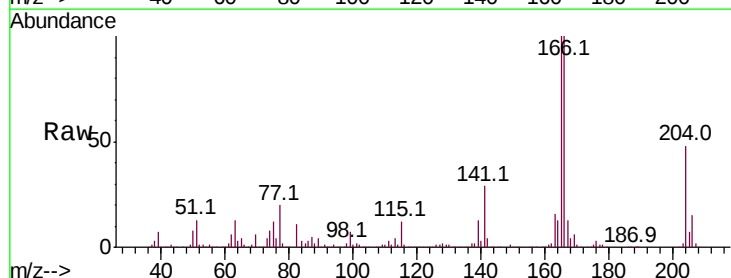
Instrument :
 BNA_M
 ClientSampleId :

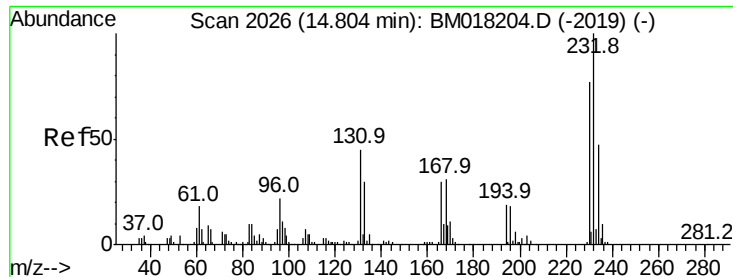
Tot Ion:165 Resp: 250792
 Ion Ratio Lower Upper
 165 100
 63 69.9 47.2 70.8
 89 88.7 65.8 98.8
 182 3.3 2.2 3.4



#58
 Fluorene
 Concen: 52.021 ng
 RT: 15.20 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Tgt Ion:166 Resp: 843118
 Ion Ratio Lower Upper
 166 100
 165 99.6 76.9 115.3
 167 13.3 10.5 15.7

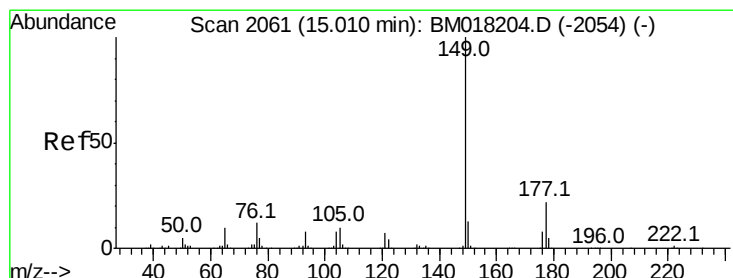
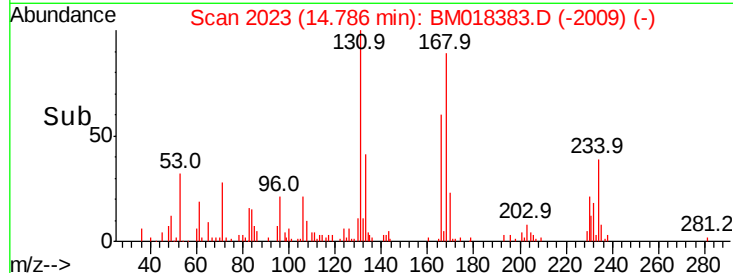
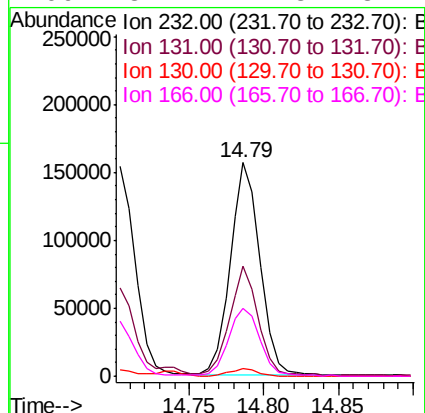
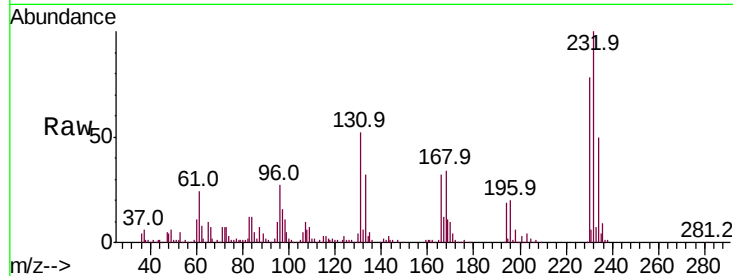




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.320 ng
RT: 14.79 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

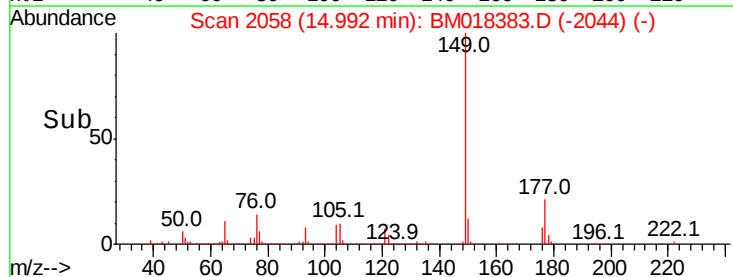
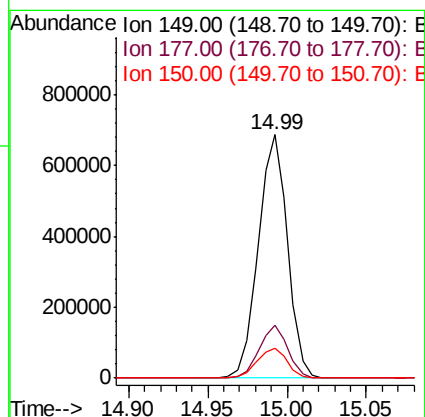
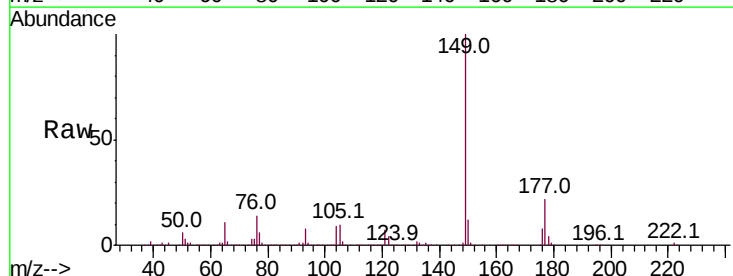
Instrument :
BNA_M
ClientSampled :

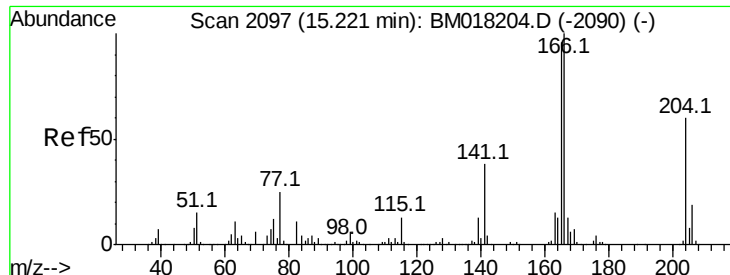
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.7	36.2	54.2
130	3.5	1.8	2.6
166	34.2	24.8	37.2



#60
Diethylphthalate
Concen: 45.797 ng
RT: 14.99 min Scan# 2058
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.8	26.8
150	12.4	10.3	15.5





#61

4-Chlorophenyl-phenylether

Concen: 46.998 ng

RT: 15.20 min Scan# 2093

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

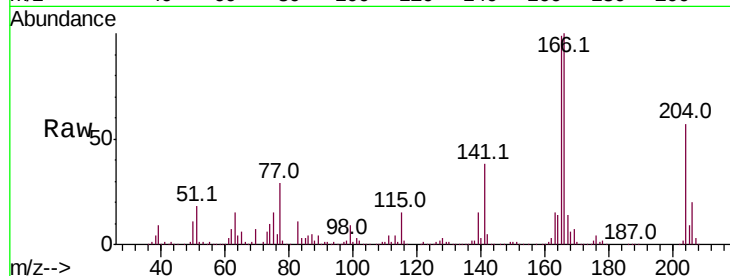
Tot Ion:204 Resp: 430789

Ion Ratio Lower Upper

204 100

206 34.1 25.8 38.6

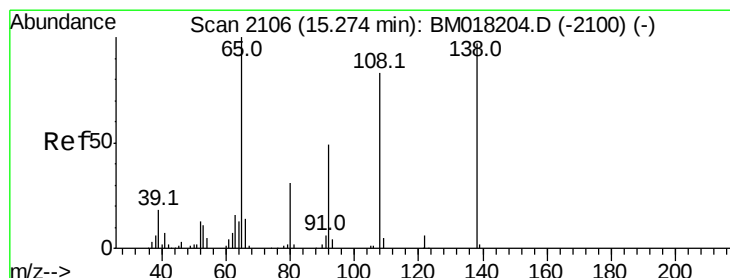
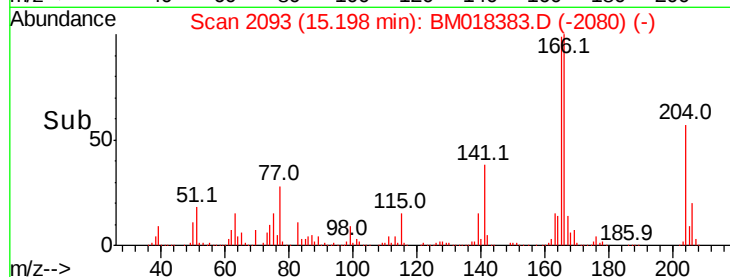
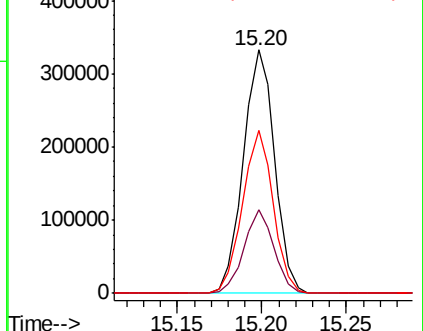
141 67.2 50.2 75.4



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: 39.976 ng

RT: 15.26 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

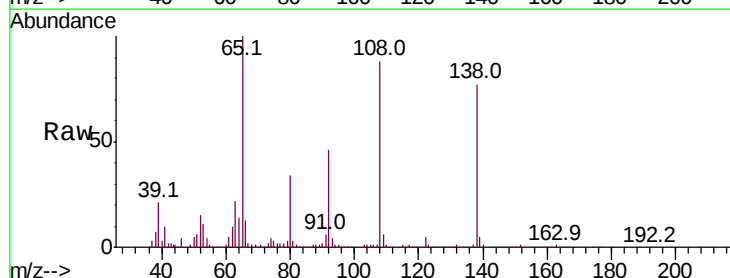
Tgt Ion:138 Resp: 156234

Ion Ratio Lower Upper

138 100

92 59.3 31.1 71.1

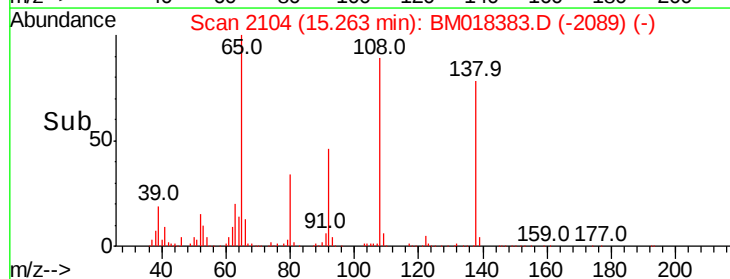
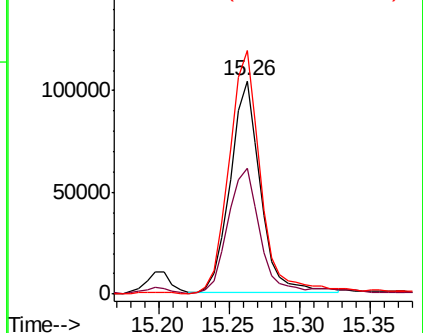
108 114.2 65.0 105.0#

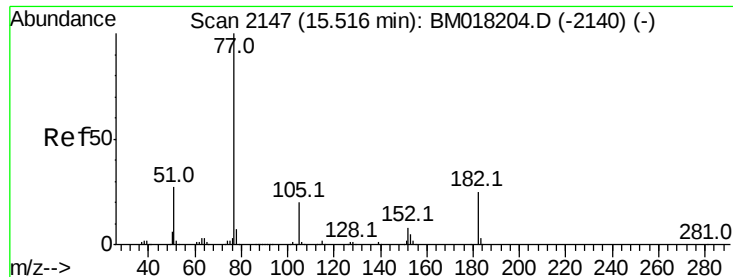


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E

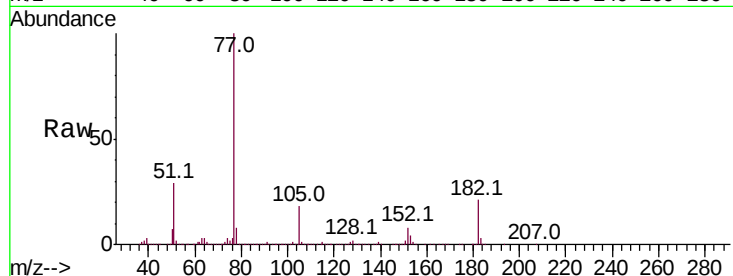




#63
Azobenzene
Concen: 54.253 ng
RT: 15.49 min Scan# 2143
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampled :

Tot Ion:	77	Resp:	950491
Ion	Ratio	Lower	Upper
77	100		
182	20.8	4.6	44.6
105	17.9	0.2	40.2
51	29.2	7.0	47.0

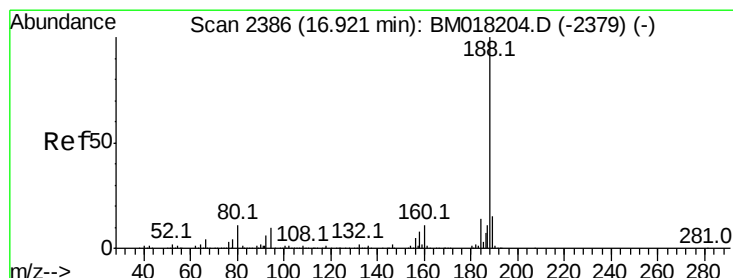
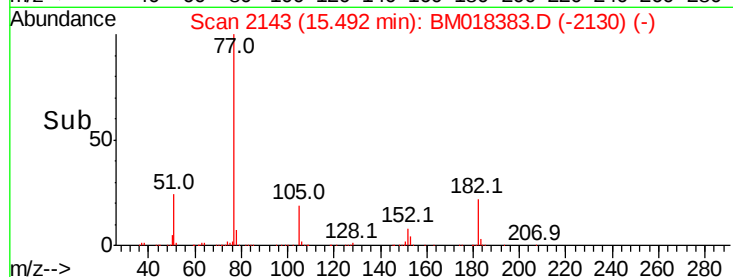
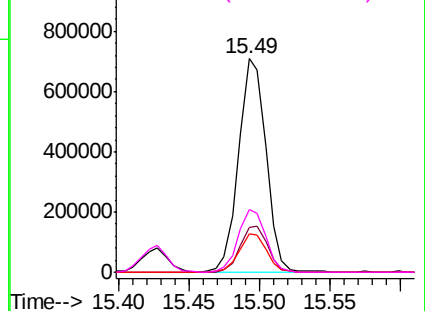


Abundance Ion 77.00 (76.70 to 77.70): BM018383.D (-2140) (-)

Ion 182.00 (181.70 to 182.70): BM018383.D (-2140) (-)

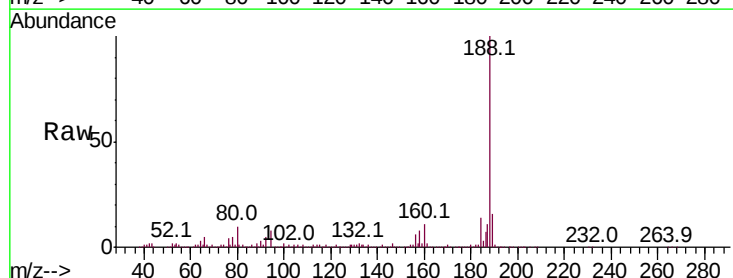
Ion 105.00 (104.70 to 105.70): BM018383.D (-2140) (-)

Ion 51.00 (50.70 to 51.70): BM018383.D (-2140) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

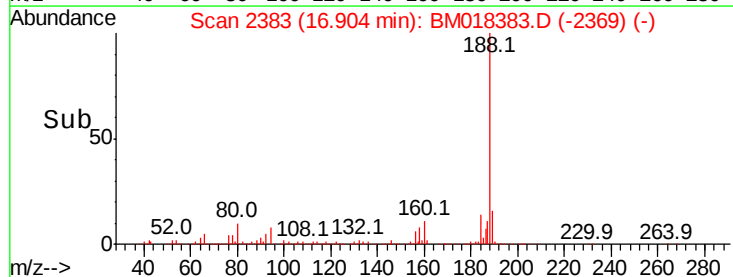
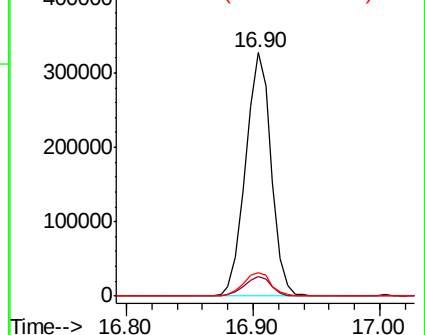
Tgt Ion:	188	Resp:	457109
Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.0	12.0
80	9.9	9.0	13.6

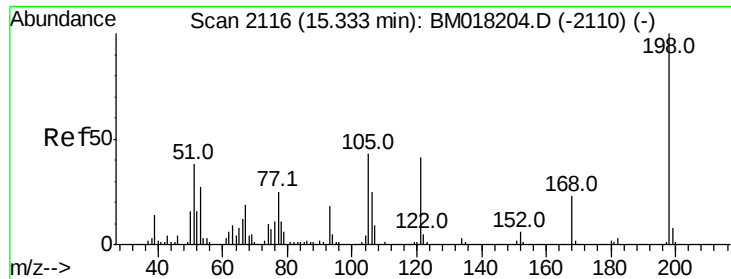


Abundance Ion 188.00 (187.70 to 188.70): BM018383.D (-2369) (-)

Ion 94.00 (93.70 to 94.70): BM018383.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BM018383.D (-2369) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 10.398 ng

RT: 15.32 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

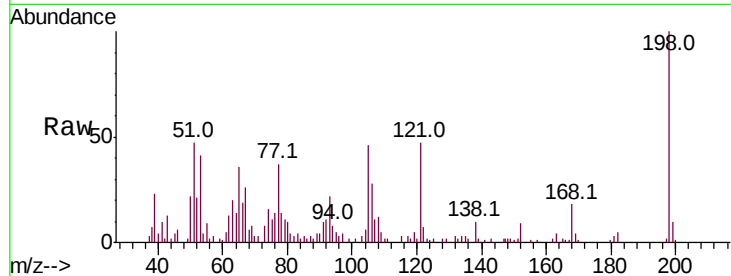
Tot Ion:198 Resp: 34989

Ion Ratio Lower Upper

198 100

51 47.1 18.6 58.6

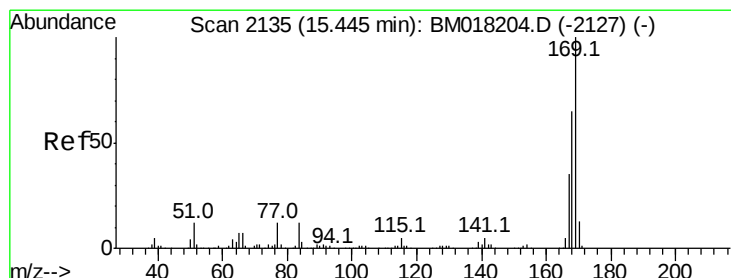
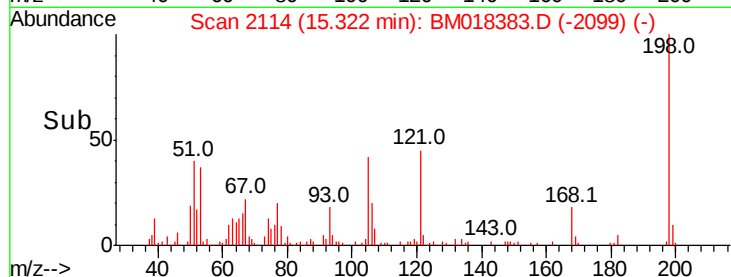
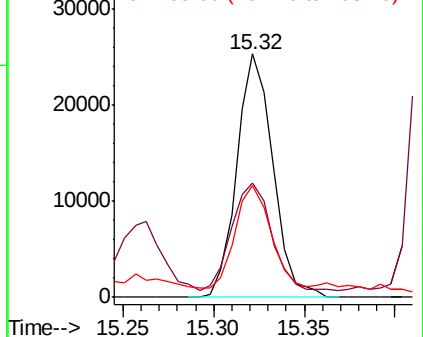
105 45.8 22.9 62.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.238 ng

RT: 15.43 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

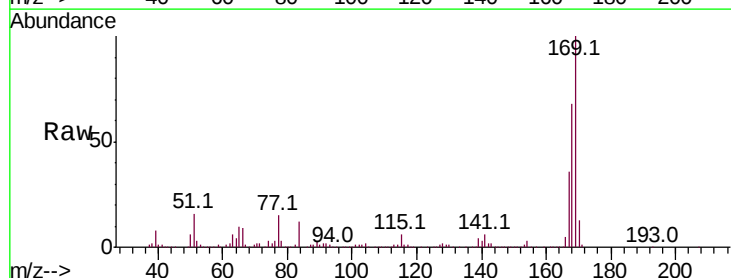
Tgt Ion:169 Resp: 714031

Ion Ratio Lower Upper

169 100

168 68.3 52.2 78.4

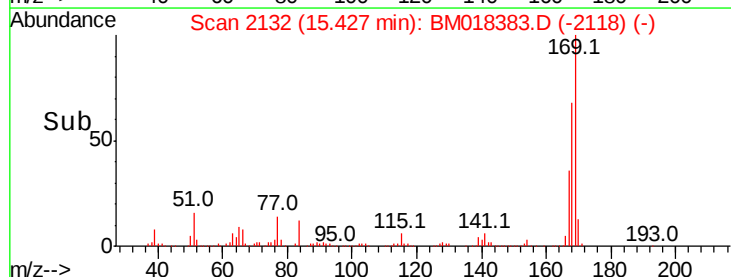
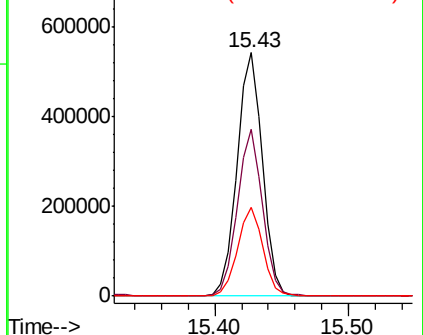
167 36.5 27.6 41.4

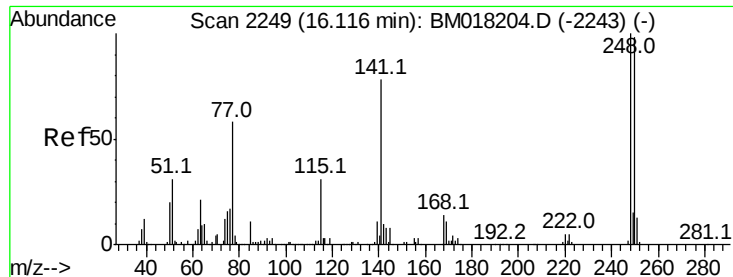


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

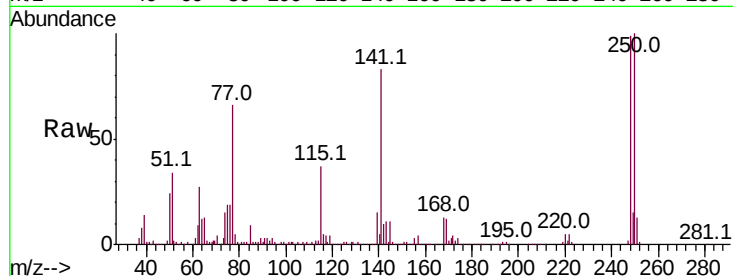




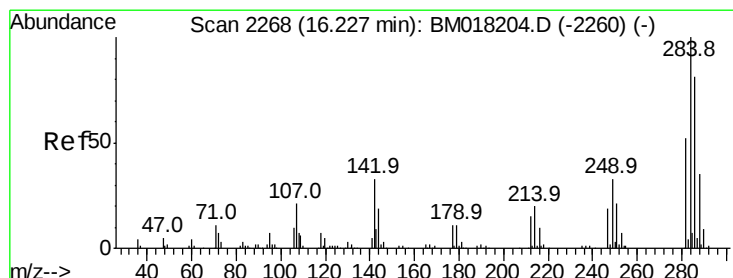
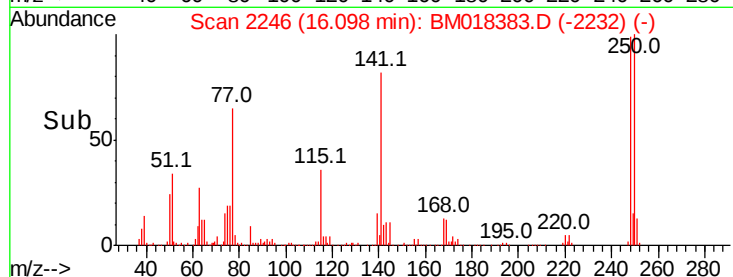
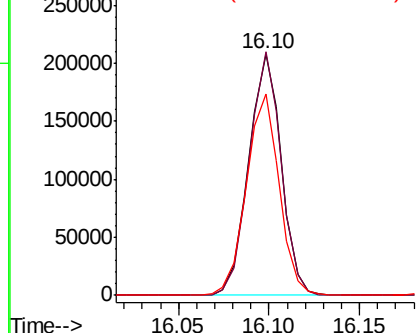
#67
4-Bromophenyl-phenylether
Concen: 46.938 ng
RT: 16.10 min Scan# 2246
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 259849
Ion Ratio Lower Upper
248 100
250 100.7 78.7 118.1
141 83.3 62.2 93.4

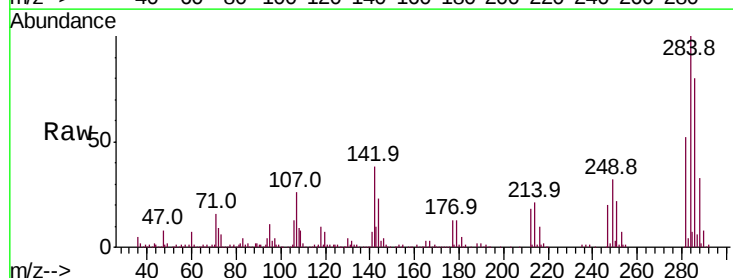


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

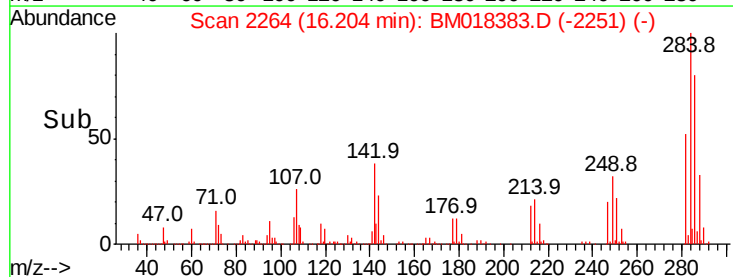
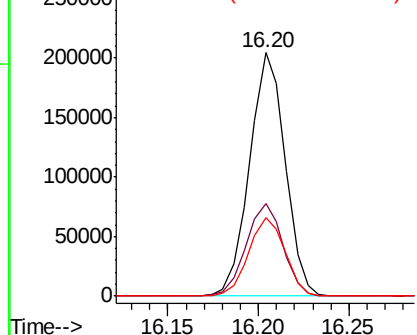


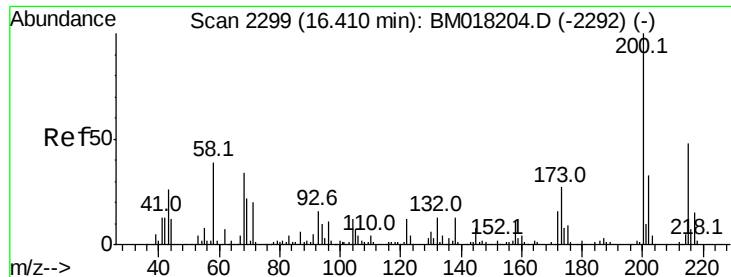
#68
Hexachlorobenzene
Concen: 46.025 ng
RT: 16.20 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion:284 Resp: 279139
Ion Ratio Lower Upper
284 100
142 38.1 26.2 39.4
249 32.4 26.2 39.2



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

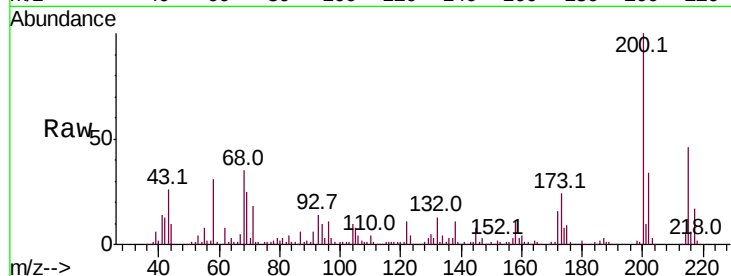




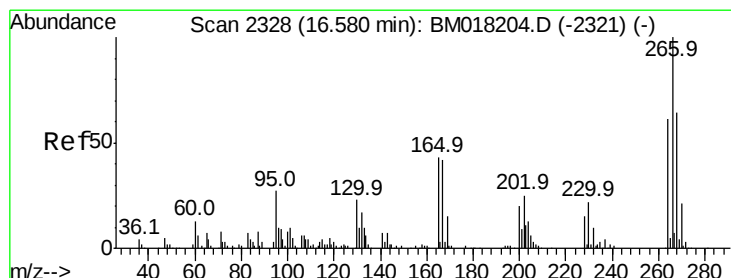
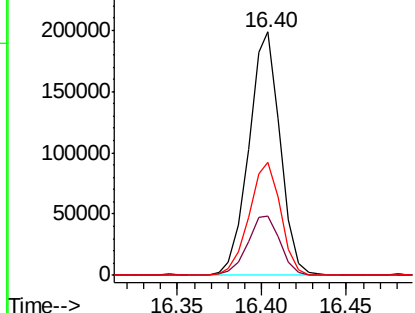
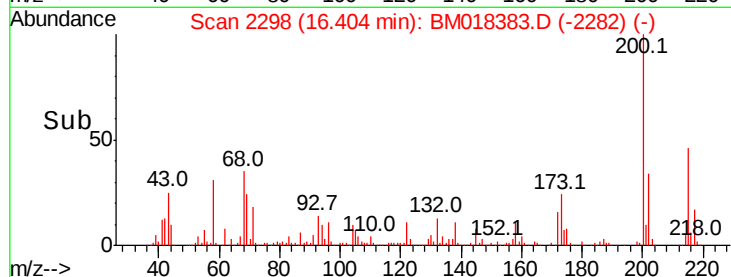
#69
 Atrazine
 Concen: 50.141 ng
 RT: 16.40 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	6.9	46.9
215	46.3	27.9	67.9

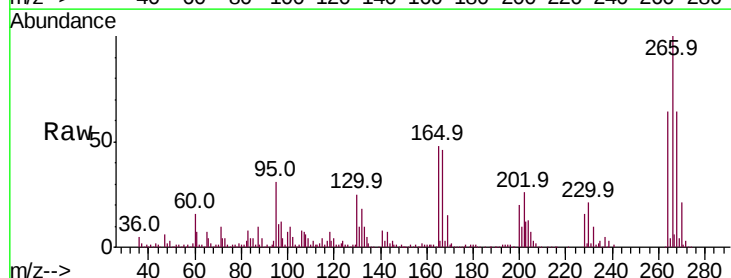


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

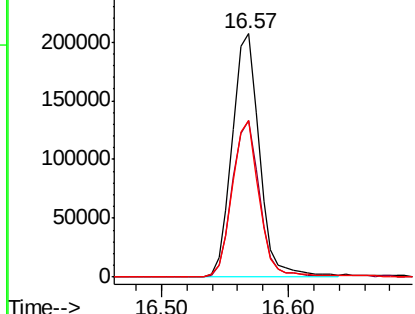
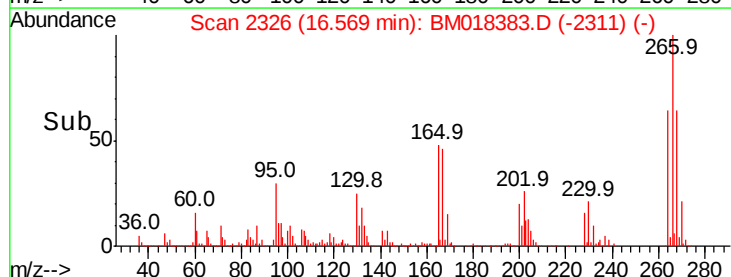


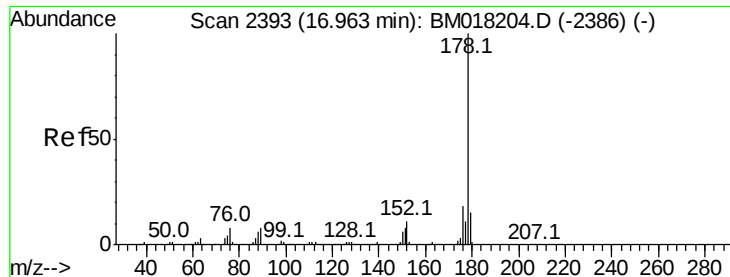
#70
 Pentachlorophenol
 Concen: 77.053 ng
 RT: 16.57 min Scan# 2326
 Delta R.T. -0.01 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.1	76.7
264	64.4	49.0	73.4



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

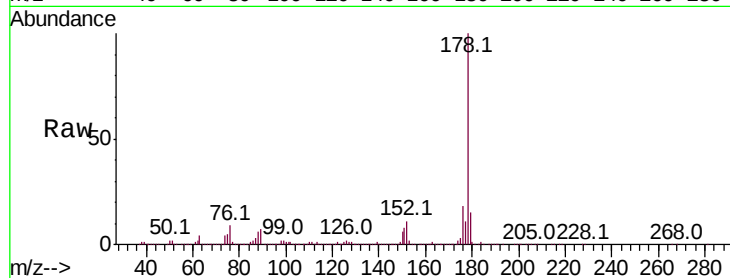




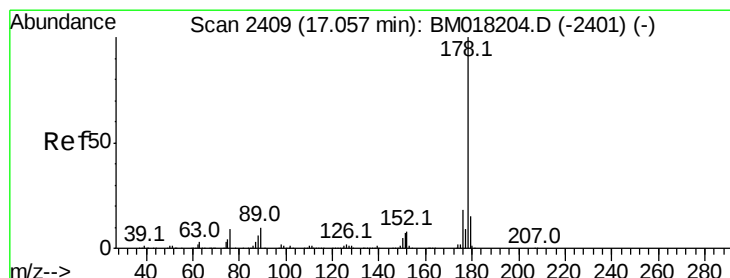
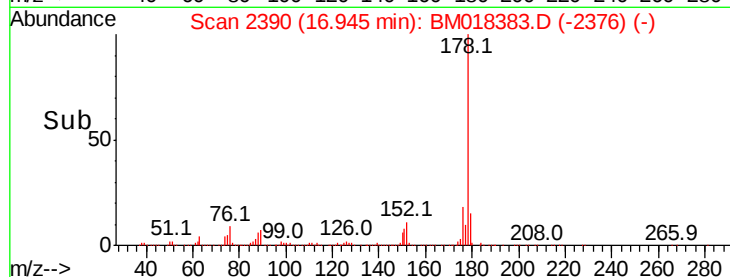
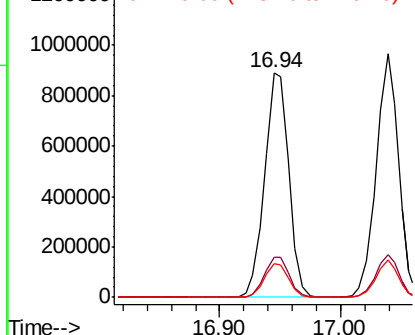
#71
Phenanthrene
Concen: 50.103 ng
RT: 16.94 min Scan# 2390
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 1244021
Ion Ratio Lower Upper
178 100
176 18.0 14.7 22.1
179 15.1 12.0 18.0

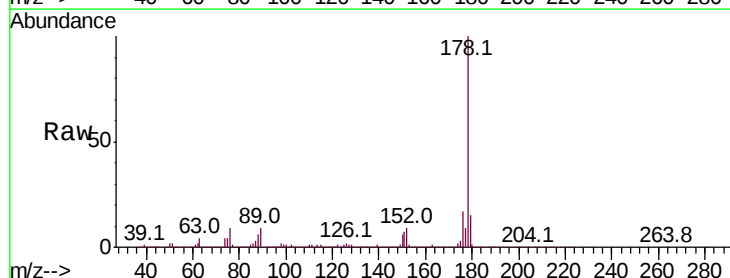


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

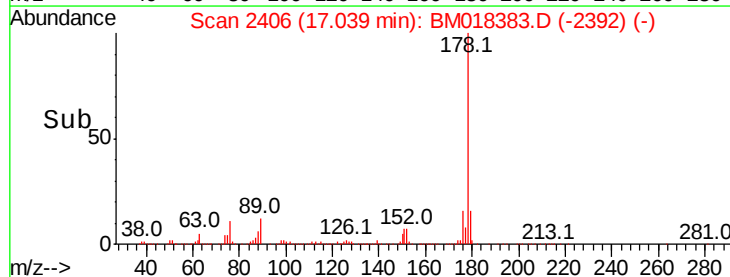
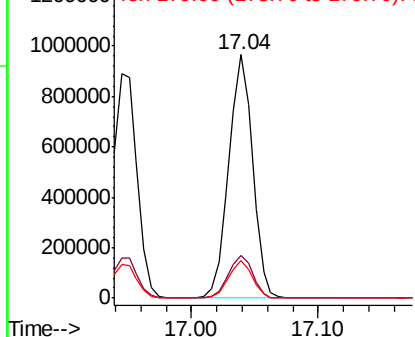


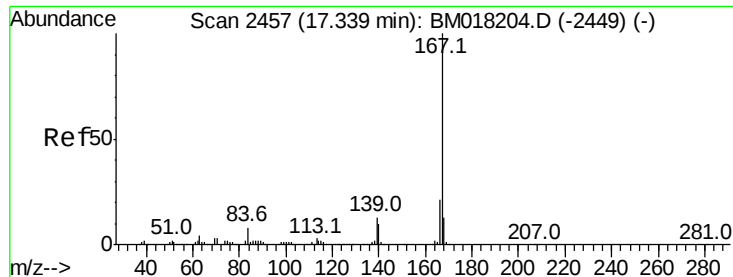
#72
Anthracene
Concen: 50.744 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion:178 Resp: 1249936
Ion Ratio Lower Upper
178 100
176 17.3 14.3 21.5
179 15.3 12.0 18.0



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



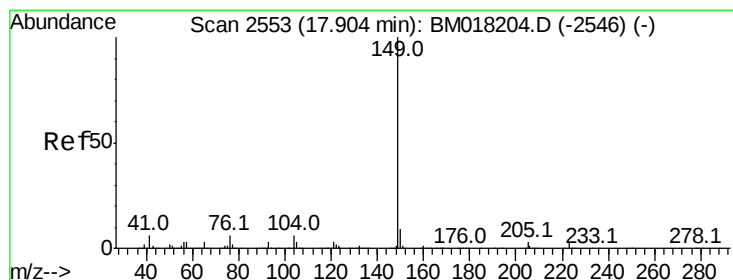
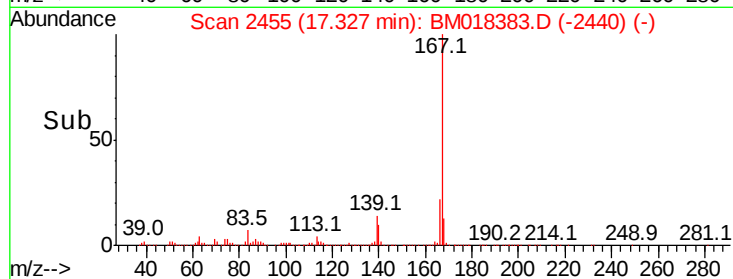
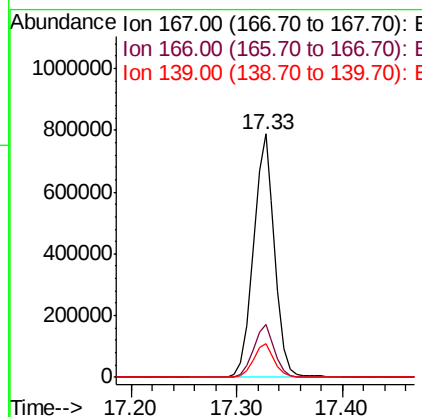
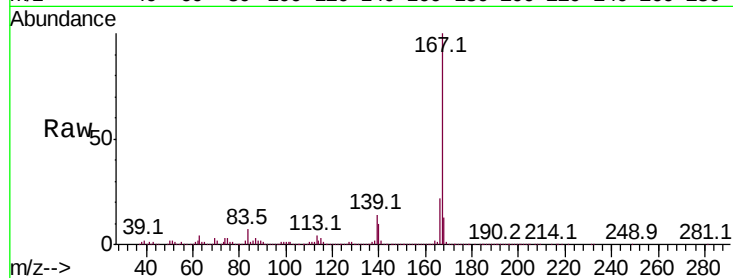


#73
 Carbazole
 Concen: 43.273 ng
 RT: 17.33 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:167 Resp: 1094054

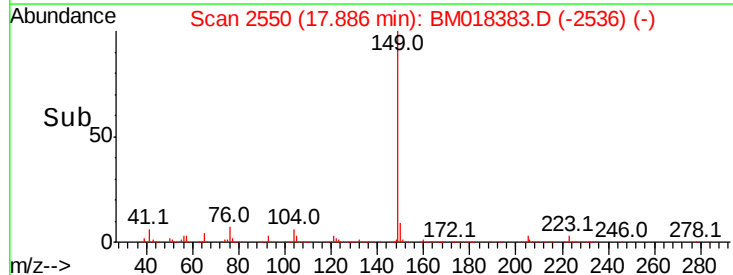
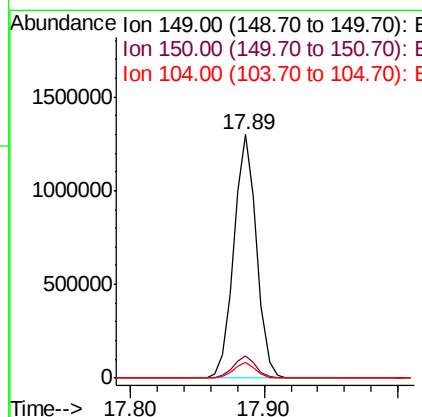
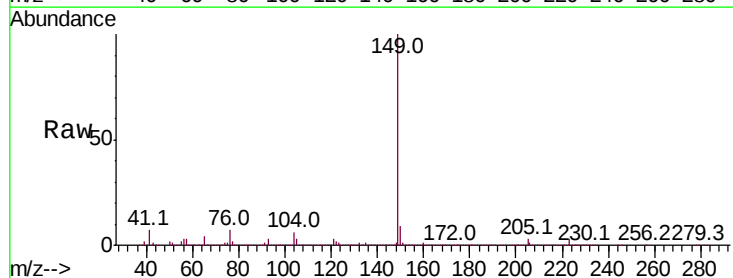
Ion	Ratio	Lower	Upper
167	100		
166	21.7	16.8	25.2
139	13.6	10.3	15.5

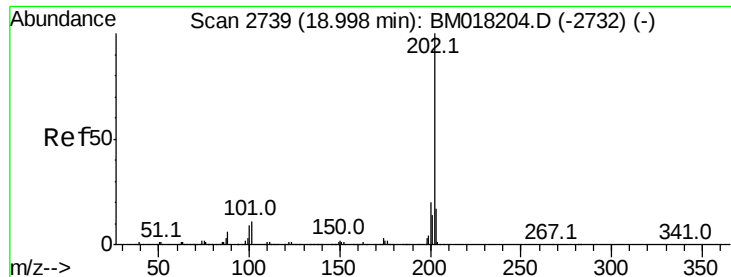


#74
 Di-n-butylphthalate
 Concen: 49.224 ng
 RT: 17.89 min Scan# 2550
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Tgt Ion:149 Resp: 1535561

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	6.5	4.8	7.2





#75

Fluoranthene

Concen: 45.817 ng

RT: 18.98 min Scan# 2736

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

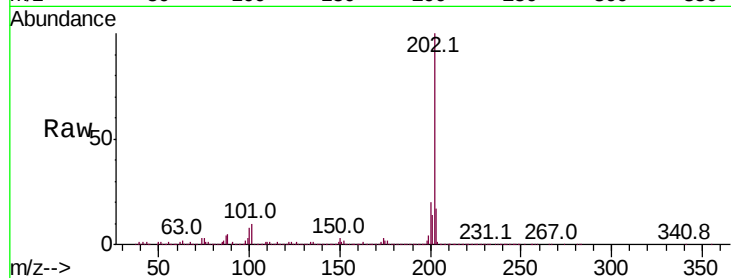
Tot Ion:202 Resp: 1322633

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.5
203	17.3	0.0	37.5

202 100

101 9.5 0.0 30.5

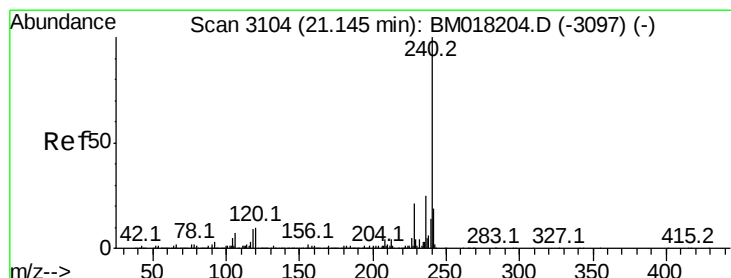
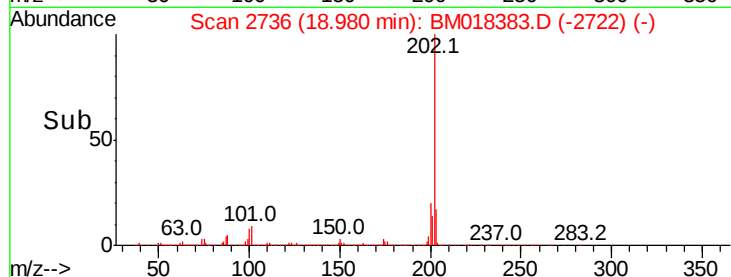
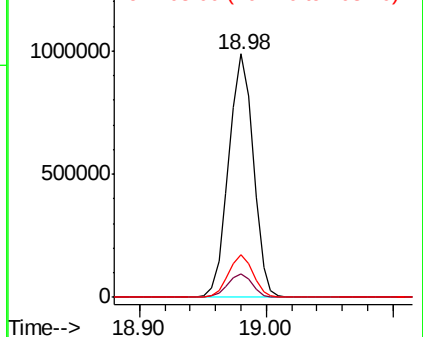
203 17.3 0.0 37.5



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: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

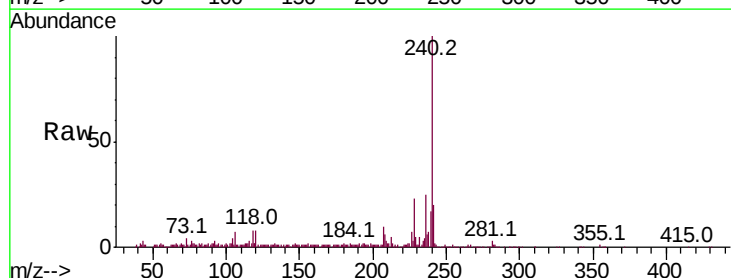
Tgt Ion:240 Resp: 412835

Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.2	12.2#
236	24.7	20.3	30.5

240 100

120 8.0 8.2 12.2#

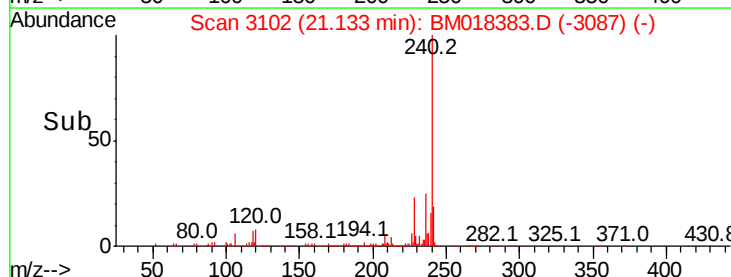
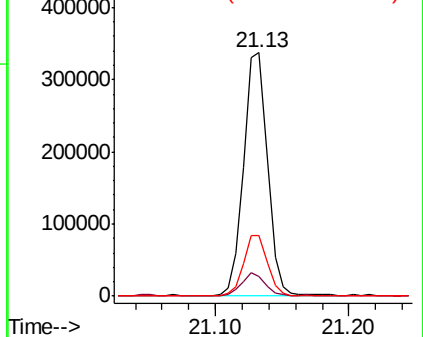
236 24.7 20.3 30.5

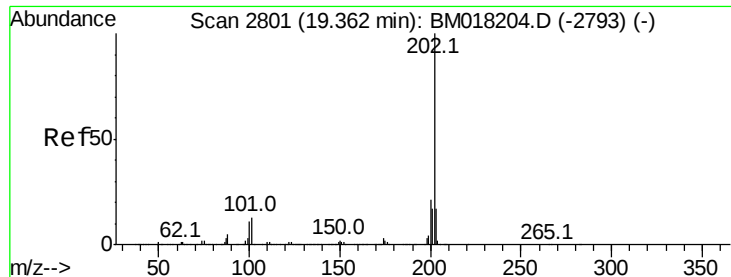


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

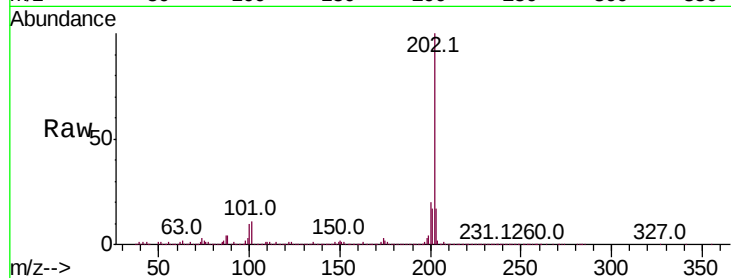




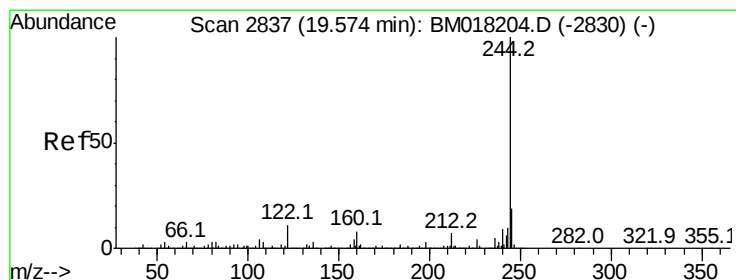
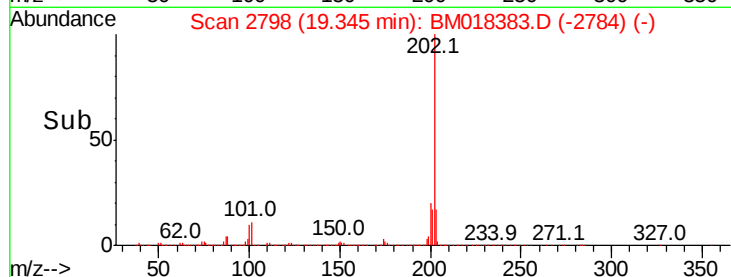
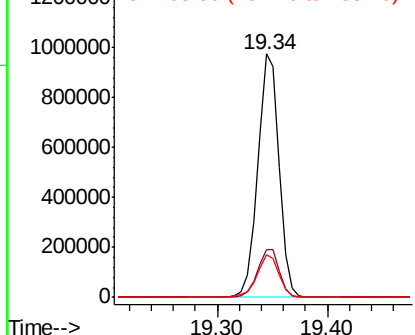
#78
Pvrene
Concen: 53.232 ng
RT: 19.34 min Scan# 2798
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 1309439
Ion Ratio Lower Upper
202 100
200 19.9 16.5 24.7
203 17.4 14.0 21.0

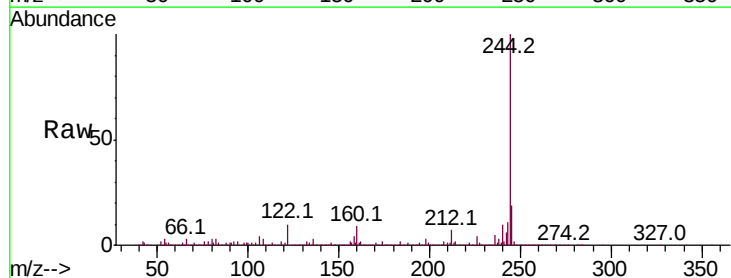


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

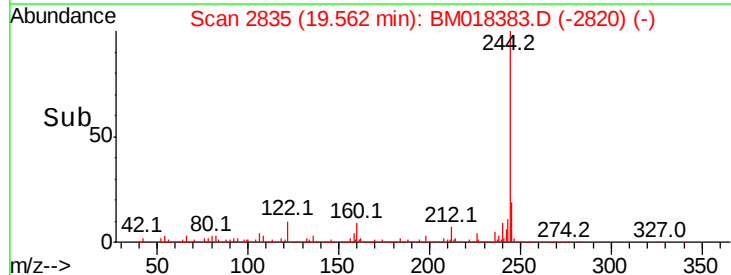
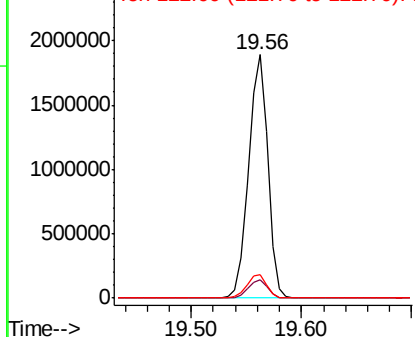


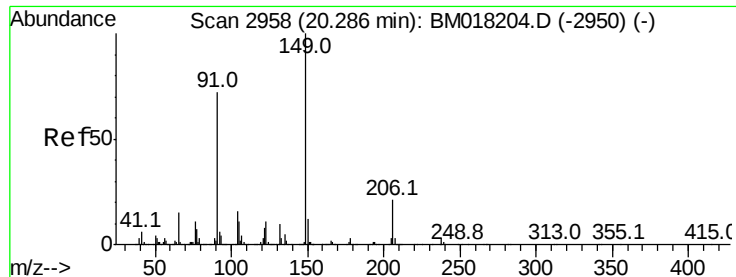
#79
Terphenyl-d14
Concen: 127.061 ng
RT: 19.56 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion:244 Resp: 2319339
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 9.7 9.0 13.6



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

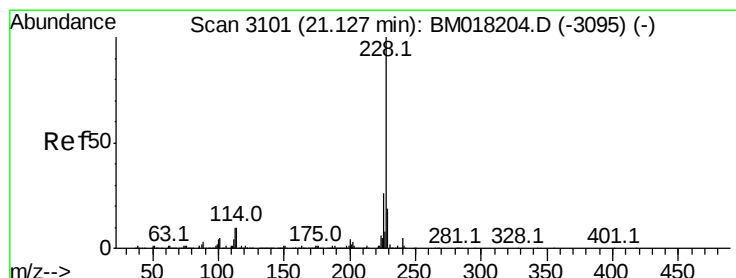
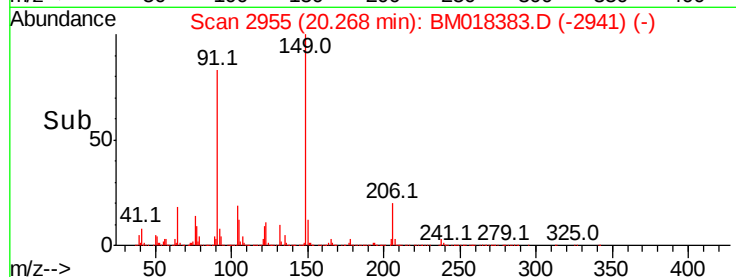
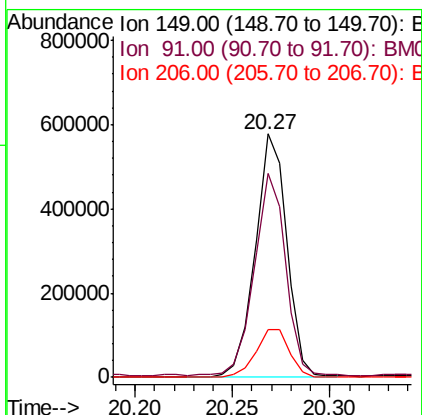
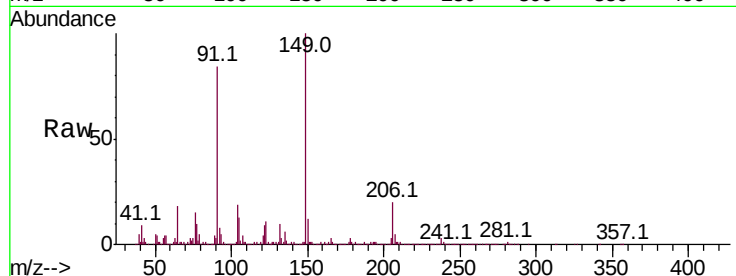




#80
Butylbenzylphthalate
Concen: 54.693 ng
RT: 20.27 min Scan# 2955
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

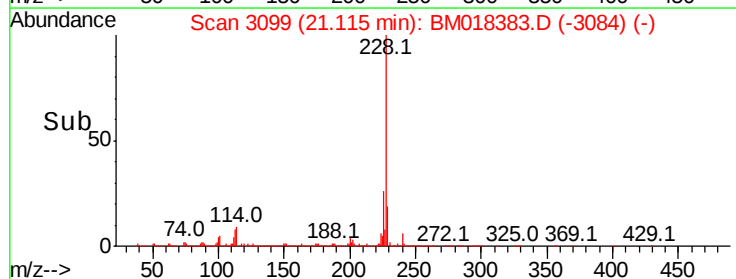
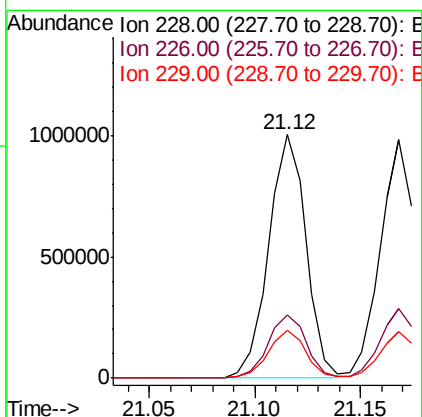
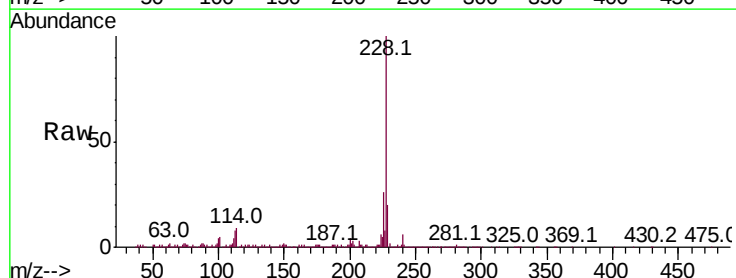
Instrument :
BNA_M
ClientSampleId :

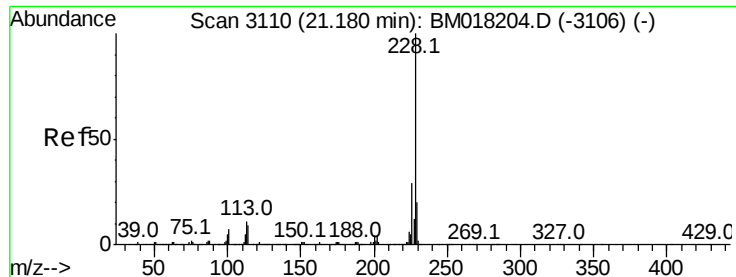
Tot Ion	Ratio	Lower	Upper
149	100		
91	84.0	57.4	86.2
206	19.6	17.0	25.4



#81
Benzo(a)anthracene
Concen: 51.078 ng
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.0	31.4
229	19.5	15.5	23.3





#83

Chrysene

Concen: 49.670 ng

RT: 21.17 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

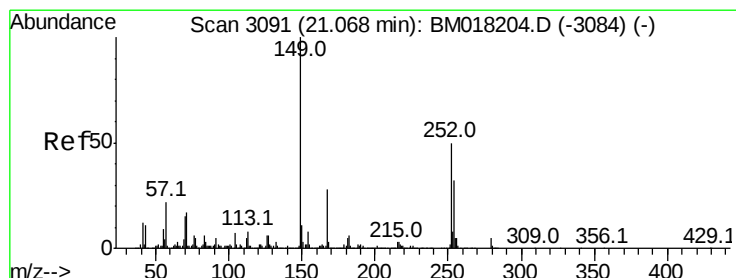
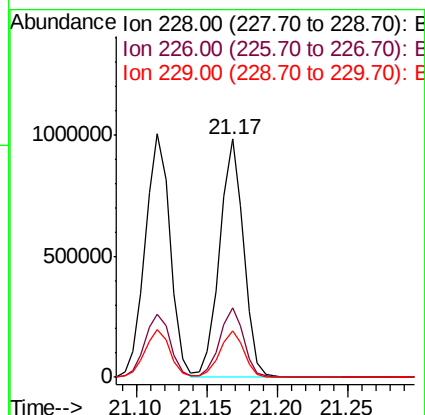
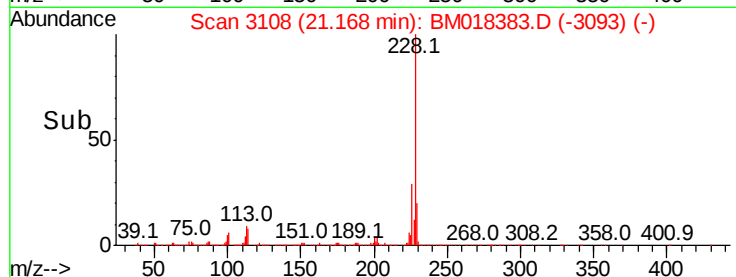
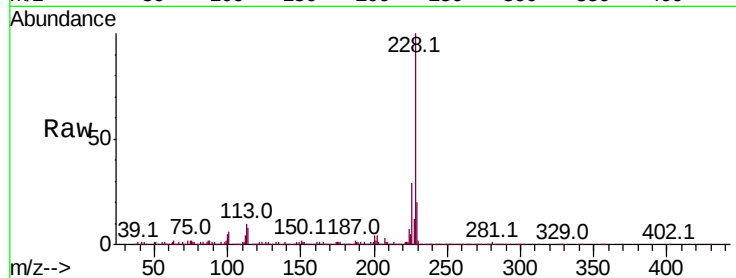
Tot Ion:228 Resp: 1152137

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.1	34.7
229	19.7	15.8	23.6

228 100

226 29.2 23.1 34.7

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.990 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

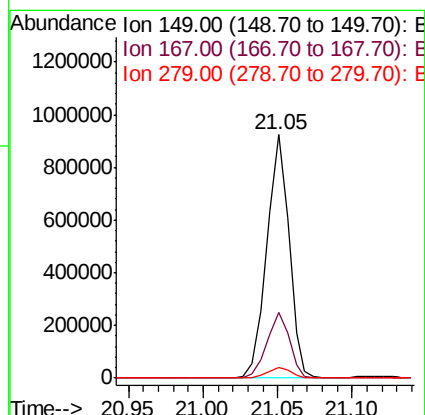
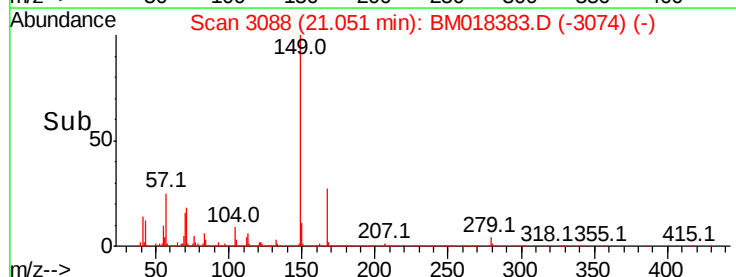
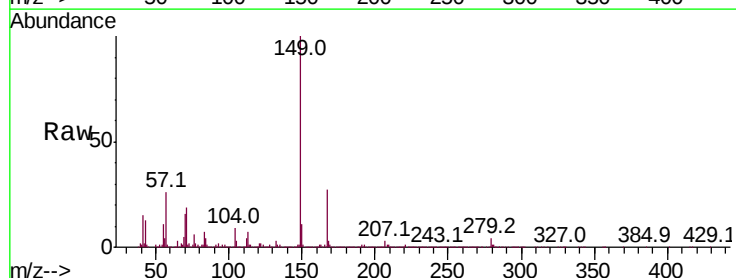
Tgt Ion:149 Resp: 941638

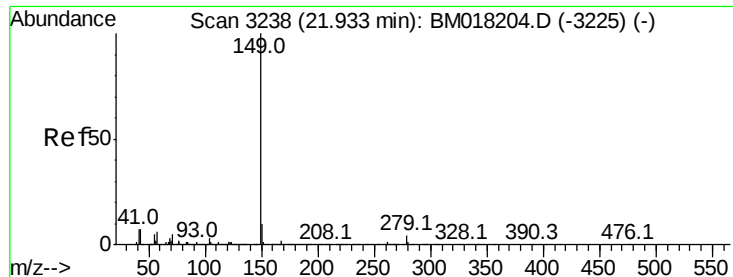
Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.7	34.1
279	4.1	3.9	5.9

149 100

167 27.0 22.7 34.1

279 4.1 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 53.350 ng

RT: 21.92 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

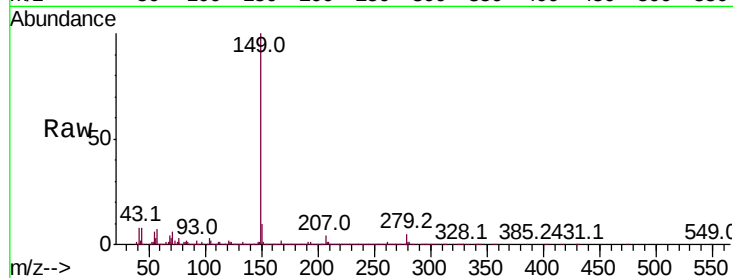
Tot Ion:149 Resp: 1523858

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

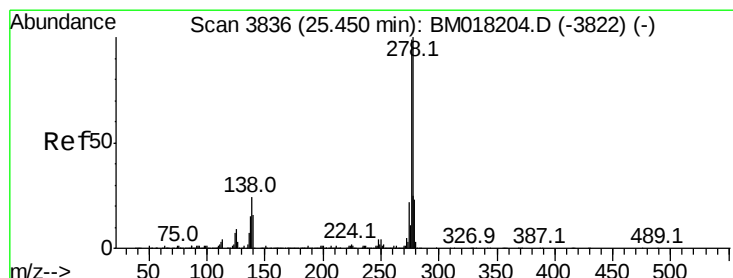
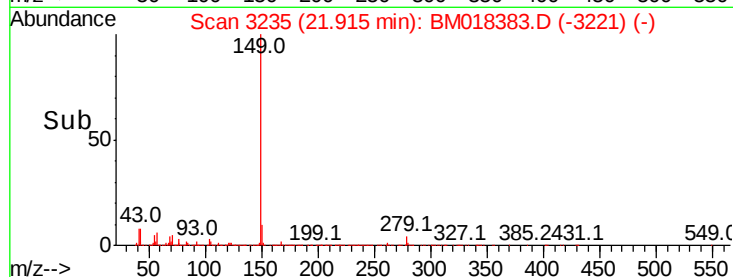
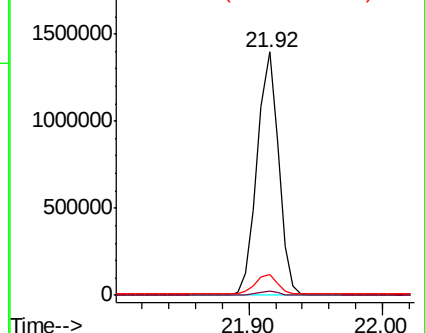
43 8.4 6.2 9.4



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 61.432 ng

RT: 25.43 min Scan# 3833

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

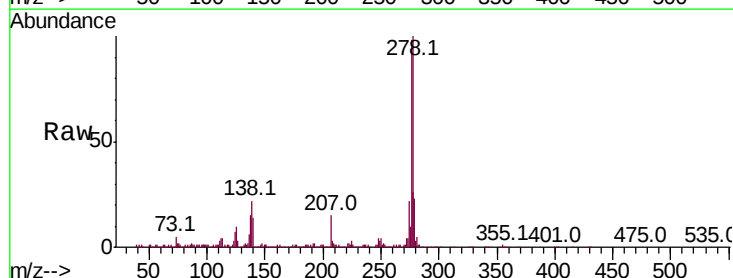
Tgt Ion:276 Resp: 1419448

Ion Ratio Lower Upper

276 100

138 20.8 18.6 28.0

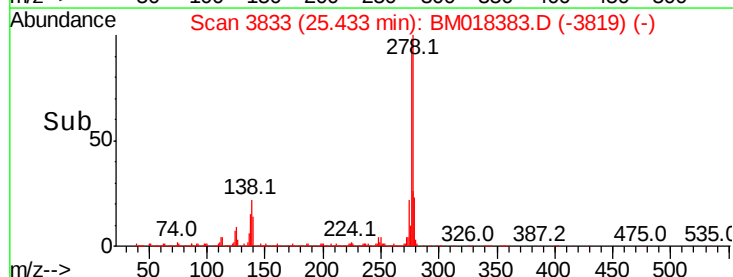
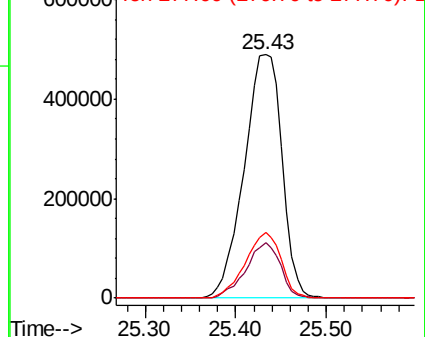
277 25.4 20.3 30.5

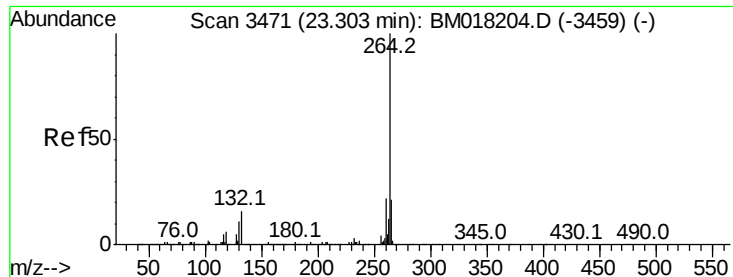


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

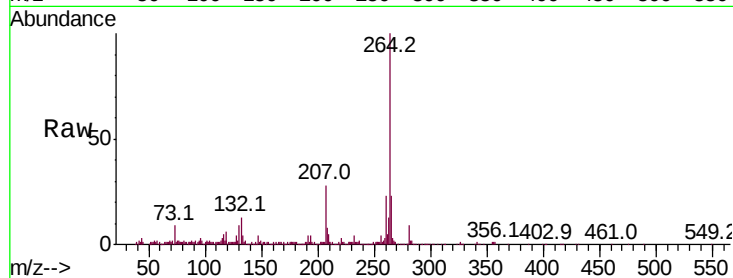
Tot Ion:264 Resp: 424159

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.5	26.3
265	23.4	17.3	25.9

264 100

260 23.0 17.5 26.3

265 23.4 17.3 25.9

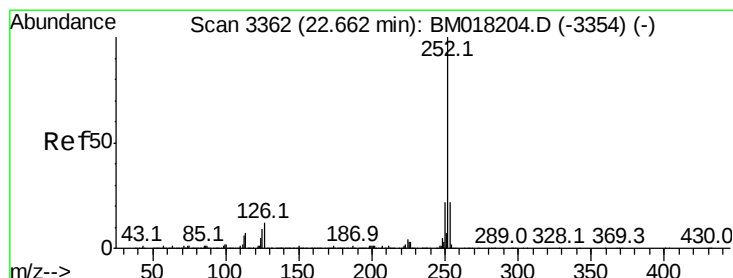
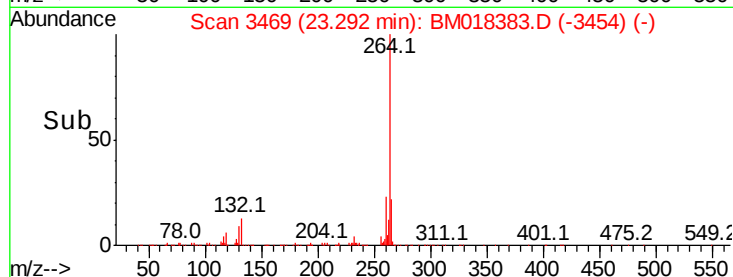
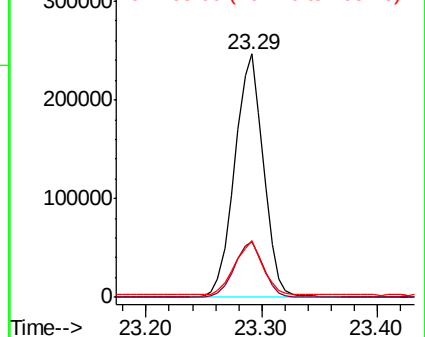


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.527 ng

RT: 22.66 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

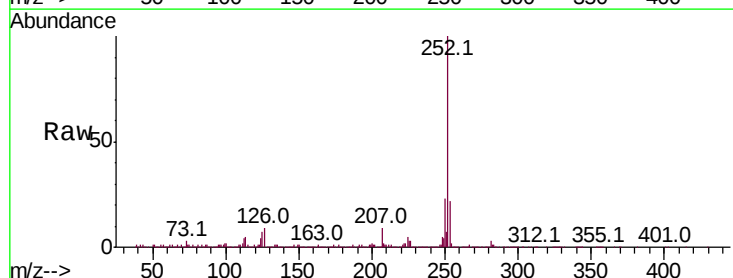
Tgt Ion:252 Resp: 1227691

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	7.4	7.4	11.0

252 100

253 21.8 17.6 26.4

125 7.4 7.4 11.0

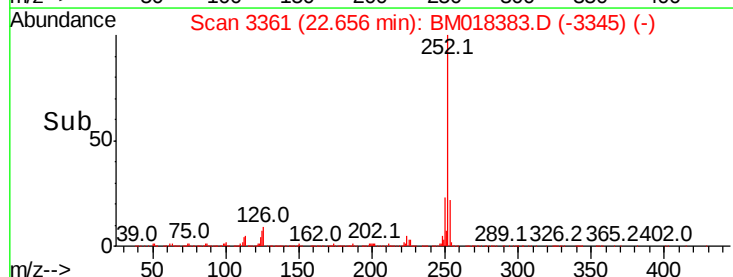
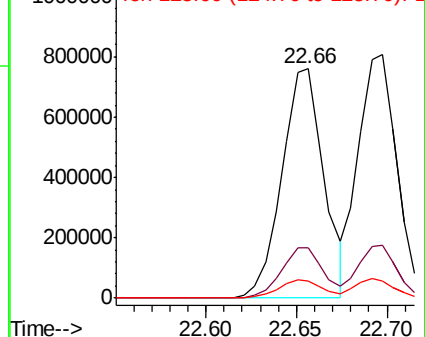


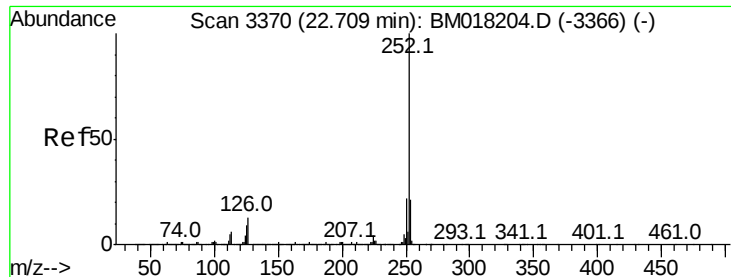
Abundance

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: 50.106 ng

RT: 22.70 min Scan# 3368

Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

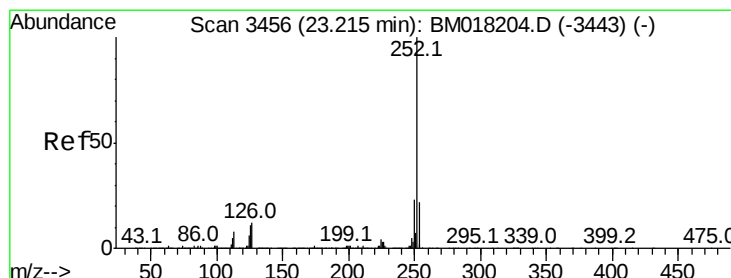
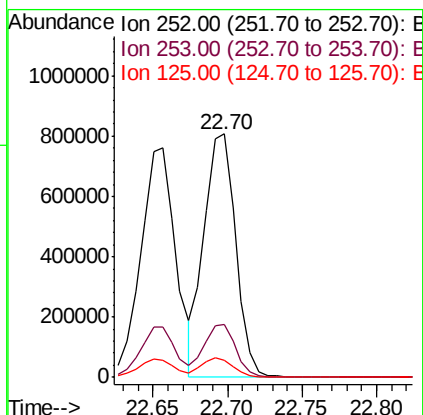
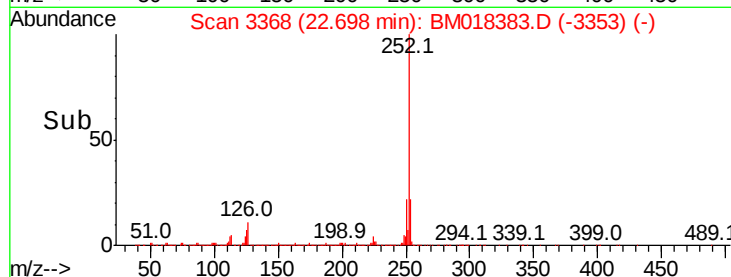
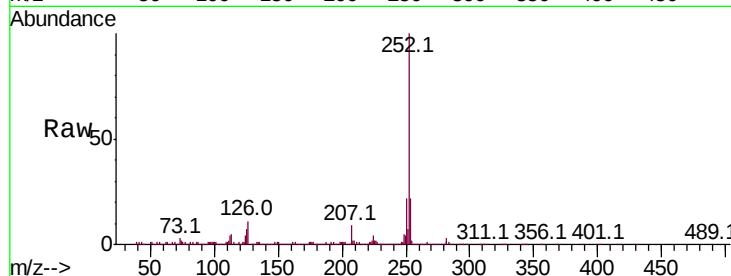
Tot Ion:252 Resp: 1188943

Ion Ratio Lower Upper

252 100

253 21.9 16.9 25.3

125 7.1 7.5 11.3#



#90

Benzo(a)pyrene

Concen: 51.459 ng

RT: 23.20 min Scan# 3453

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

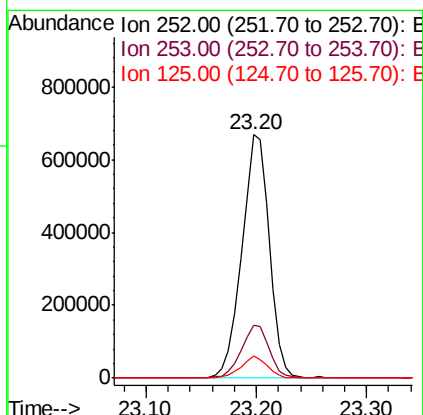
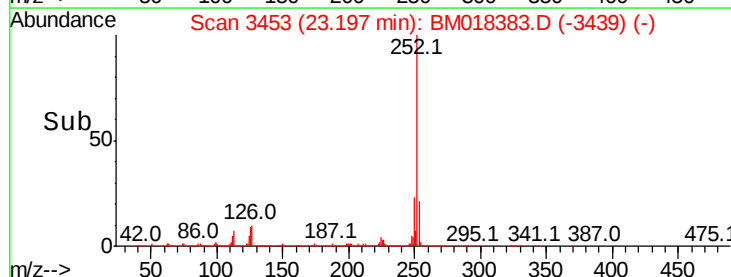
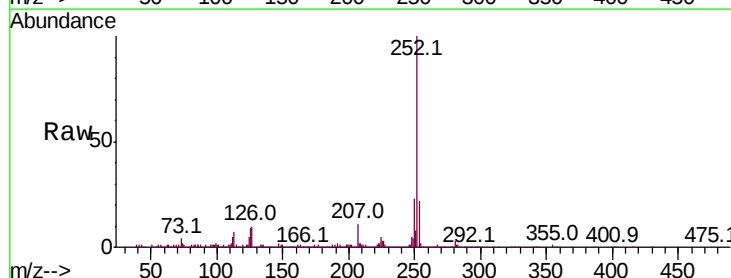
Tgt Ion:252 Resp: 1166103

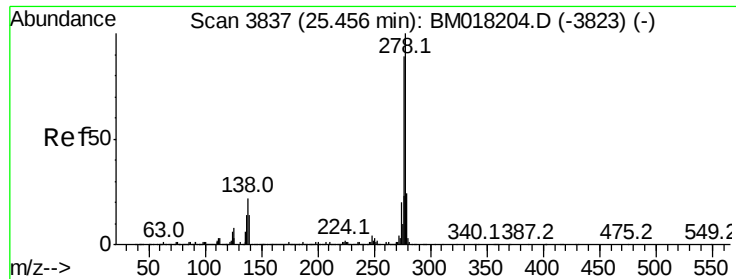
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 8.9 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 58.316 ng

RT: 25.44 min Scan# 3834

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

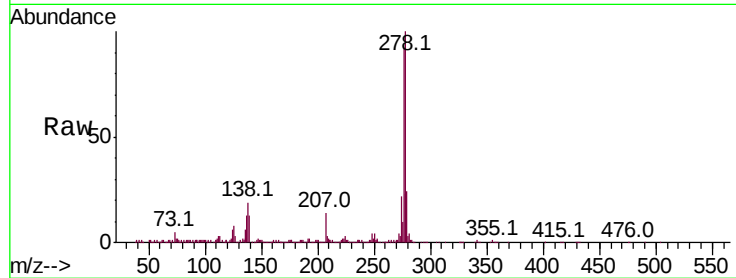
Tot Ion:278 Resp: 1224132

Ion Ratio Lower Upper

278 100

139 13.3 11.6 17.4

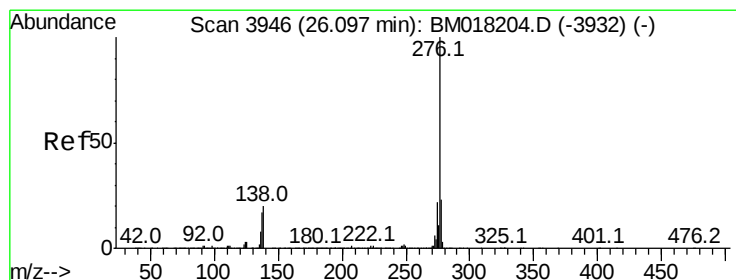
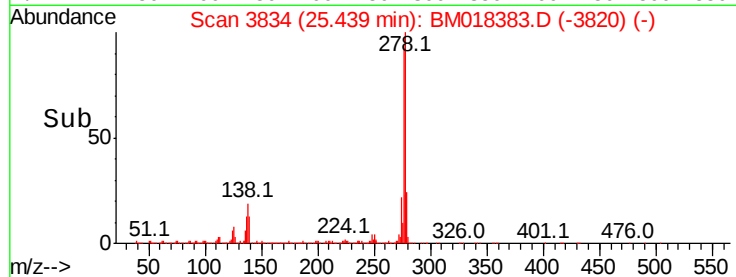
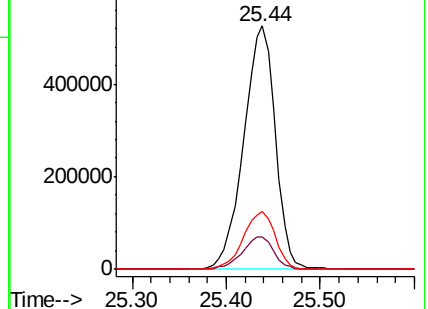
279 23.6 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 58.491 ng

RT: 26.08 min Scan# 3943

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

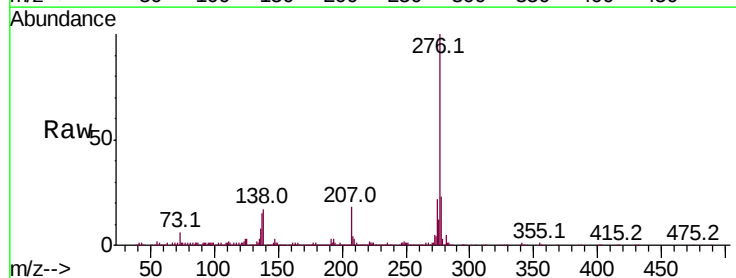
Tgt Ion:276 Resp: 1160615

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 16.8 15.8 23.8



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

