

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
 Data File : BM018233.D
 Acq On : 16 Dec 2018 19:07
 Operator : JU/SJ
 Sample : J6377-18MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 17 03:56:27 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	7.49	152	137502	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	522422	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	256914	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	466508	20.00	ng	0.00
76) Chrysene-d12	21.14	240	386748	20.00	ng	0.00
87) Perylene-d12	23.30	264	430844	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	912714	110.88	ng	0.00
7) Phenol-d6	6.70	99	1220276	106.66	ng	0.00
23) Nitrobenzene-d5	8.66	82	664267	65.22	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	315010	83.54	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1321804	66.64	ng	0.00
79) Terphenyl-d14	19.57	244	1061377	62.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.13	88	106435	32.642	ng	99
3) Pyridine	3.51	79	314332	32.769	ng	99
4) n-Nitrosodimethylamine	3.43	42	125528	38.019	ng	96
6) Aniline	6.85	93	298450	20.795	ng	97
8) 2-Chlorophenol	7.07	128	364402	37.469	ng	97
9) Benzaldehyde	6.66	77	113507	16.277	ng	90
10) Phenol	6.73	94	544279	44.921	ng	98
11) bis(2-Chloroethyl)ether	6.95	93	324645	33.713	ng	96
12) 1,3-Dichlorobenzene	7.38	146	377513	34.762	ng	98
13) 1,4-Dichlorobenzene	7.53	146	398461	36.132	ng	98
14) 1,2-Dichlorobenzene	7.84	146	369569	34.763	ng	98
15) Benzyl Alcohol	7.75	79	298965	32.070	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.03	45	285815	32.982	ng	97
17) 2-Methylphenol	7.95	107	289720	35.811	ng	99
18) Hexachloroethane	8.55	117	137749	34.079	ng	93
19) n-Nitroso-di-n-propylamine	8.31	70	251196	29.406	ng	95
20) 3+4-Methylphenols	8.28	107	377165	33.270	ng	95
22) Acetophenone	8.32	105	514326	37.202	ng	98
24) Nitrobenzene	8.70	77	366361	36.000	ng	97
25) Isophorone	9.22	82	640266	37.759	ng	99
26) 2-Nitrophenol	9.40	139	188858	37.837	ng	98
27) 2,4-Dimethylphenol	9.47	122	307729	42.778	ng	95
28) bis(2-Chloroethoxy)methane	9.70	93	406219	36.752	ng	100
29) 2,4-Dichlorophenol	9.93	162	300237	37.643	ng	97
30) 1,2,4-Trichlorobenzene	10.13	180	334917	36.916	ng	93
31) Naphthalene	10.31	128	1029000	40.282	ng	99
32) Benzoic acid	9.65	122	194373	28.535	ng	99
33) 4-Chloroaniline	10.46	127	101253	9.049	ng	96
34) Hexachlorobutadiene	10.58	225	212376	37.013	ng	96
35) Caprolactam	11.25	113	79310	26.096	ng	94
36) 4-Chloro-3-methylphenol	11.59	107	322227	33.622	ng	99
37) 2-Methylnaphthalene	11.93	142	731491	40.605	ng	97
38) 1-Methylnaphthalene	12.16	142	671785	38.216	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	354761	40.156	ng	99

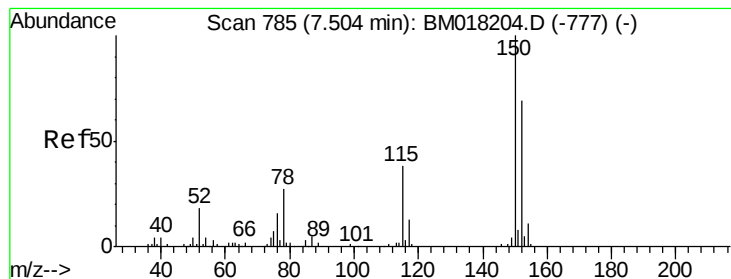
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
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 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	340778	87.266	ng	98
43) 2,4,6-Trichlorophenol	12.57	196	223613	39.353	ng	96
44) 2,4,5-Trichlorophenol	12.65	196	234216	38.826	ng	98
46) 1,1'-Biphenyl	12.97	154	855160	36.999	ng	98
47) 2-Chloronaphthalene	13.02	162	688339	40.463	ng	99
48) 2-Nitroaniline	13.25	65	188027	35.880	ng	99
49) Acenaphthylene	13.87	152	1054689	41.141	ng	98
50) Dimethylphthalate	13.63	163	880108	41.205	ng	99
51) 2,6-Dinitrotoluene	13.76	165	167620	35.699	ng	97
52) Acenaphthene	14.22	154	612967	39.125	ng	99
53) 3-Nitroaniline	14.09	138	95323	19.291	ng	99
54) 2,4-Dinitrophenol	14.31	184	190869	73.691	ng	97
55) Dibenzofuran	14.56	168	938846	37.294	ng	98
56) 4-Nitrophenol	14.42	139	229442	61.244	ng	98
57) 2,4-Dinitrotoluene	14.56	165	218013	33.591	ng	97
58) Fluorene	15.22	166	745423	38.339	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	193157	35.554	ng	98
60) Diethylphthalate	15.00	149	713497	30.954	ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	379096	34.475	ng	100
62) 4-Nitroaniline	15.27	138	132498	28.260	ng	98
63) Azobenzene	15.51	77	663483	31.568	ng	97
65) 4,6-Dinitro-2-methylphenol	15.33	198	116482	33.917	ng	100
66) n-Nitrosodiphenylamine	15.44	169	600788	38.945	ng	99
67) 4-Bromophenyl-phenylether	16.11	248	214328	37.935	ng	97
68) Hexachlorobenzene	16.22	284	239572	38.706	ng	98
69) Atrazine	16.40	200	183392	35.214	ng	99
70) Pentachlorophenol	16.57	266	257701	63.042	ng	98
71) Phenanthrene	16.96	178	1013354	39.991	ng	99
72) Anthracene	17.05	178	1023146	40.700	ng	99
73) Carbazole	17.33	167	852584	33.043	ng	99
74) Di-n-butylphthalate	17.90	149	1076626	33.817	ng	99
75) Fluoranthene	18.99	202	1007128	34.185	ng	99
77) Benzidine	19.20	184	474103	48.342	ng	98
78) Pyrene	19.36	202	967515	41.985	ng	99
80) Butylbenzylphthalate	20.28	149	392382	35.792	ng	98
81) Benzo(a)anthracene	21.12	228	884613	39.156	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	248469	27.529	ng	97
83) Chrysene	21.17	228	835417	38.445	ng	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	570147	34.895	ng	99
85) Di-n-octyl phthalate	21.93	149	1015937	37.967	ng	98
86) Indeno(1,2,3-cd)pyrene	25.44	276	1246389	57.581	ng	100
88) Benzo(b)fluoranthene	22.66	252	954754	39.450	ng	99
89) Benzo(k)fluoranthene	22.70	252	923052	38.297	ng	99
90) Benzo(a)pyrene	23.21	252	951679	41.345	ng	99
91) Dibenzo(a,h)anthracene	25.44	278	1058216	49.630	ng	99
92) Benzo(g,h,i)perylene	26.09	276	1066098	52.894	ng	100

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

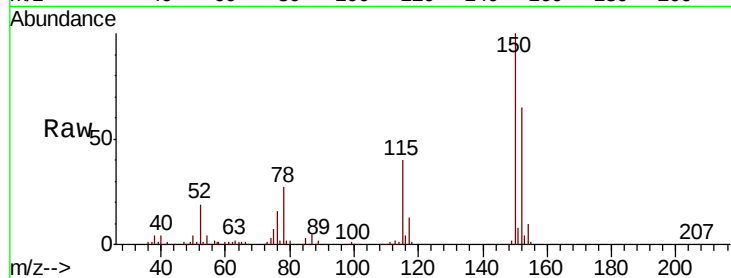


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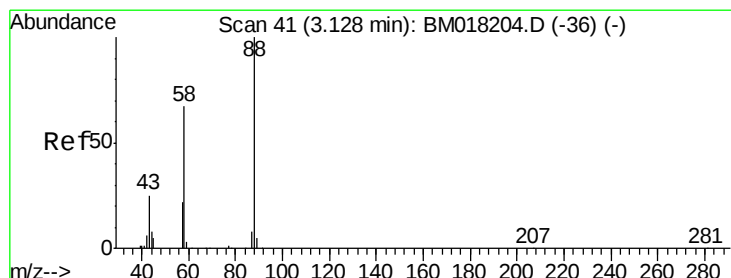
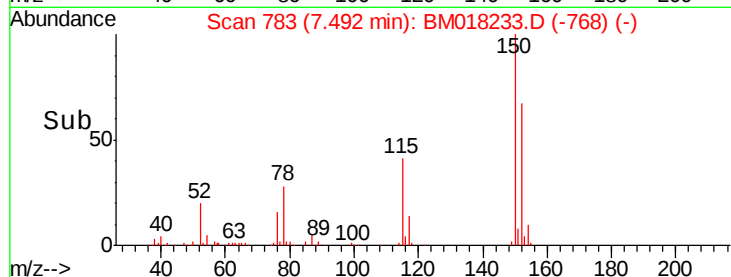
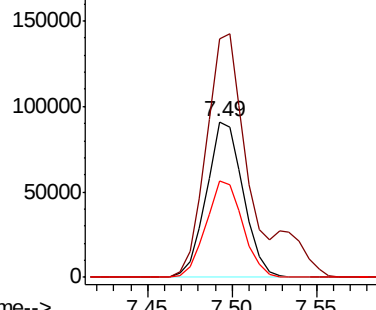
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	116.1	174.1
115	61.6	44.6	67.0



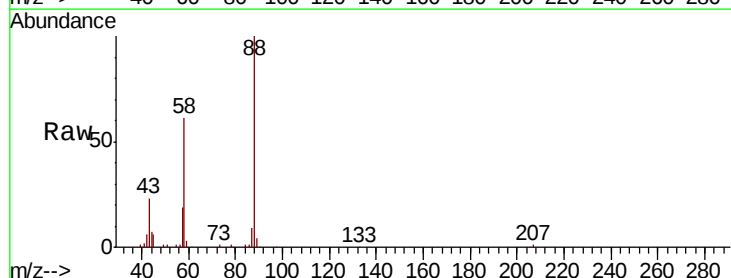
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



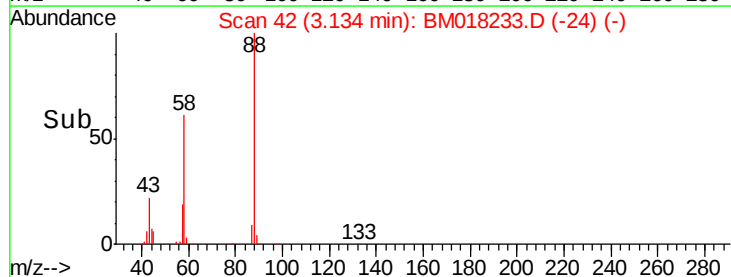
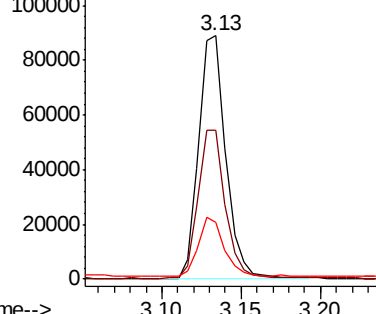
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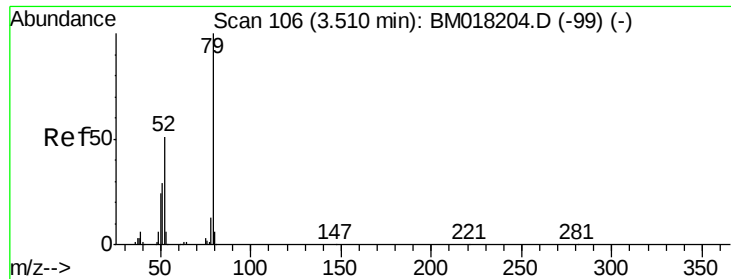
1,4-Dioxane
Concen: 32.642 ng
RT: 3.13 min Scan# 42
Delta R.T. 0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.4	49.8	74.6
43	23.1	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

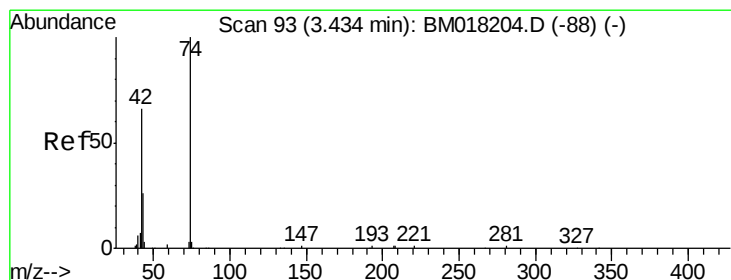
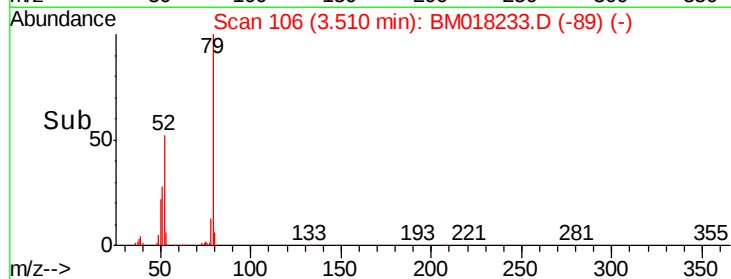
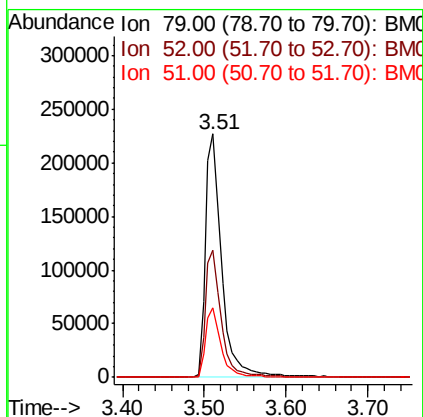
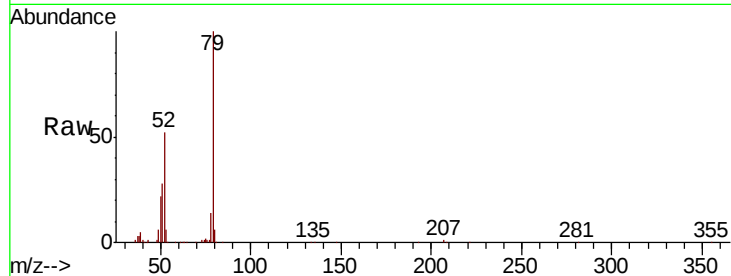




#3
 Pvridine
 Concen: 32.769 ng
 RT: 3.51 min Scan# 106
 Delta R.T. -0.00 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

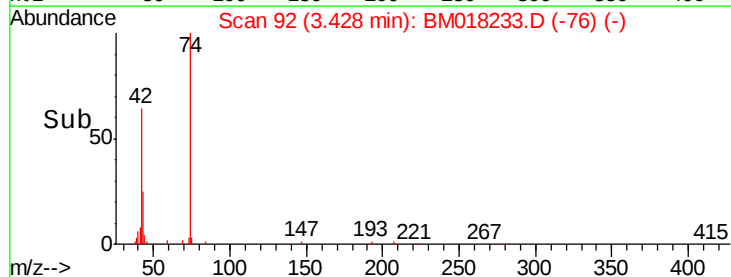
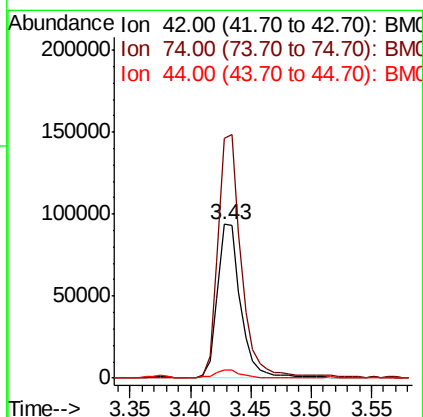
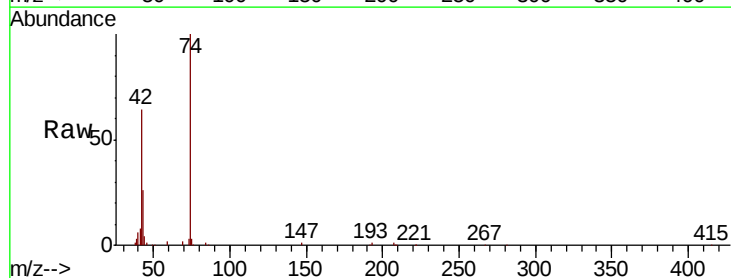
Instrument :
 BNA_M
 ClientSampleId :

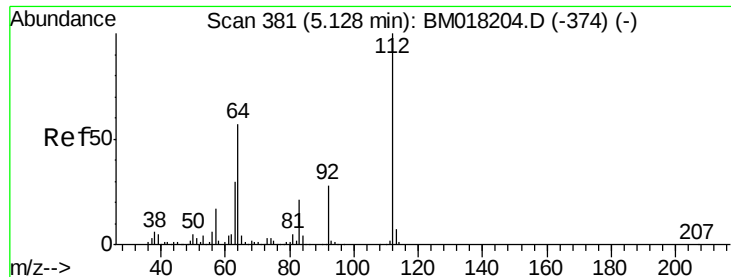
Tot Ion: 79 Resp: 314332
 Ion Ratio Lower Upper
 79 100
 52 52.1 40.7 61.1
 51 28.4 23.0 34.6



#4
 n-Nitrosodimethylamine
 Concen: 38.019 ng
 RT: 3.43 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion: 42 Resp: 125528
 Ion Ratio Lower Upper
 42 100
 74 156.2 120.4 180.6
 44 5.6 4.6 7.0





#5

2-Fluorophenol

Concen: 110.884 ng

RT: 5.13 min Scan# 381

Delta R.T. -0.00 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampleId :

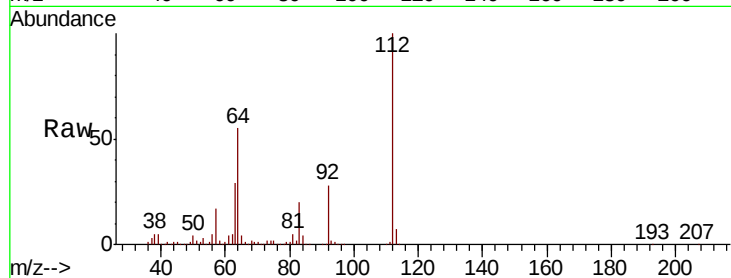
Tot Ion:112 Resp: 912714

Ion Ratio Lower Upper

112 100

64 54.6 45.4 68.2

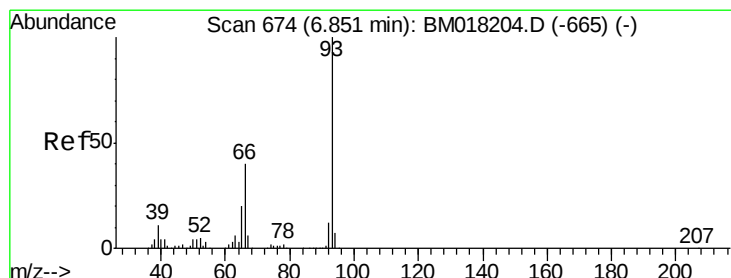
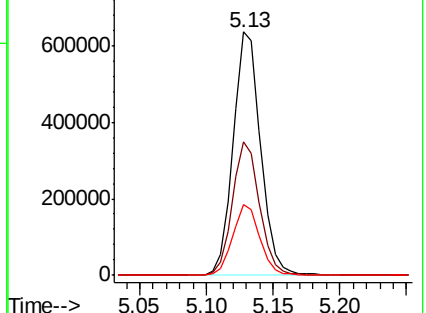
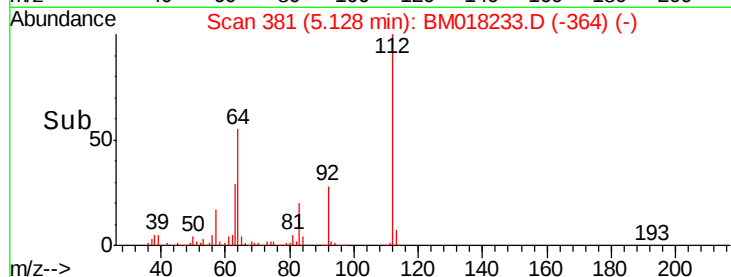
63 28.9 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 20.795 ng

RT: 6.85 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

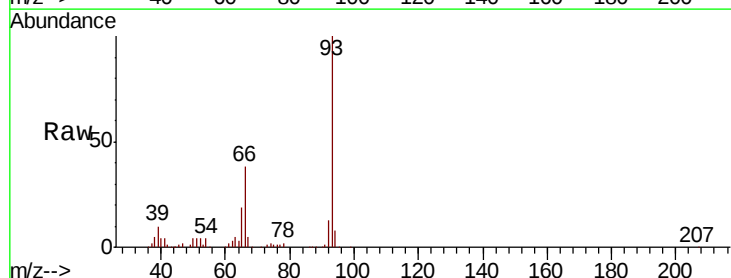
Tgt Ion: 93 Resp: 298450

Ion Ratio Lower Upper

93 100

66 38.2 32.3 48.5

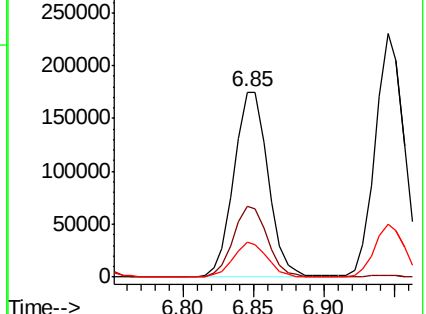
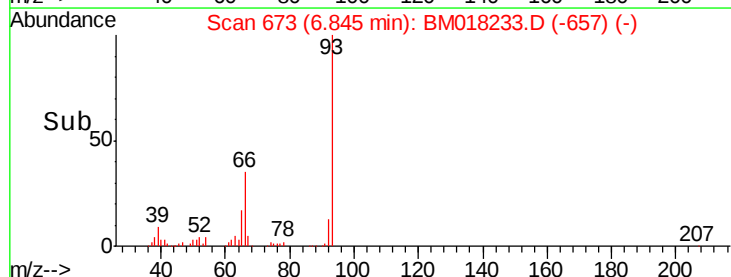
65 19.1 16.2 24.4

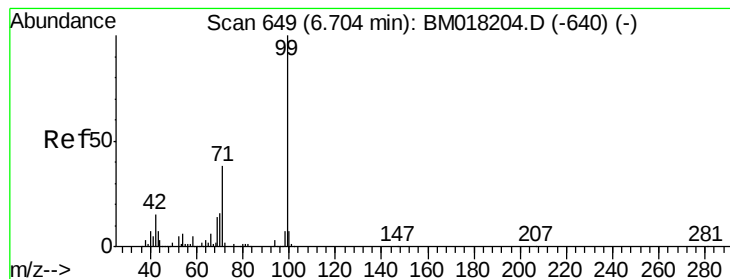


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 106.660 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

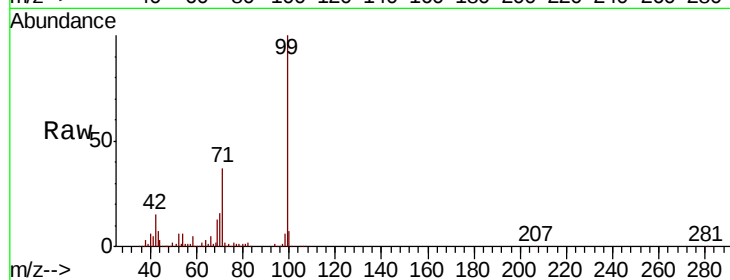
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1220276

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.3	18.5
71	36.7	30.2	45.2

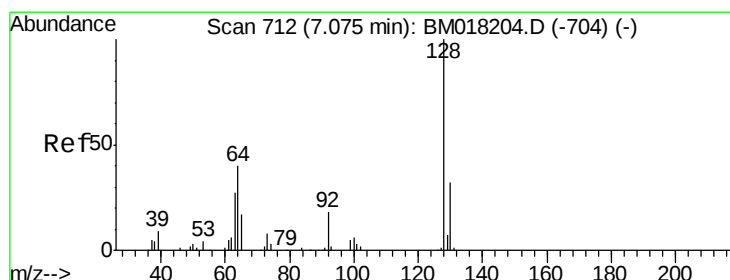
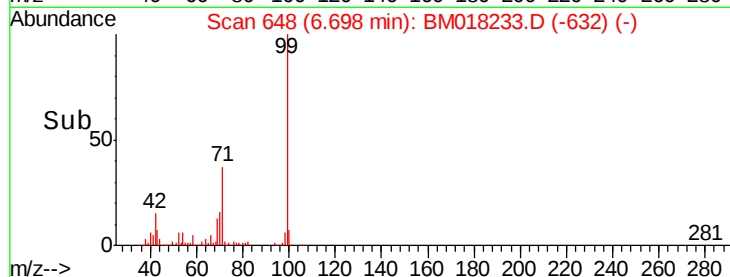
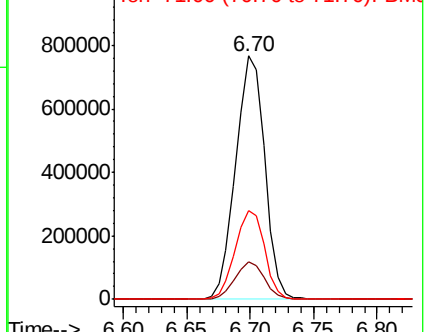


Abundance

Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)



#8

2-Chlorophenol

Concen: 37.469 ng

RT: 7.07 min Scan# 711

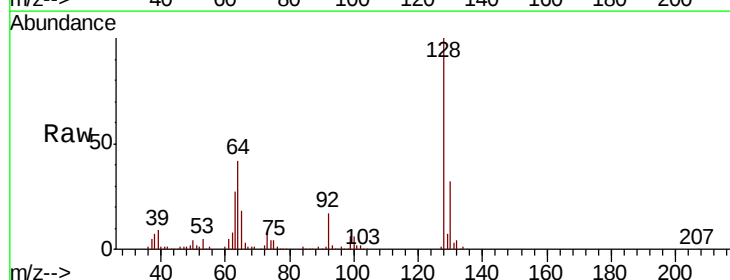
Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion: 128 Resp: 364402

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.3	52.3
64	41.7	24.1	64.1

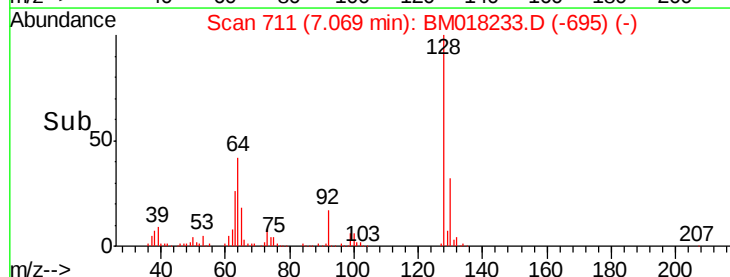
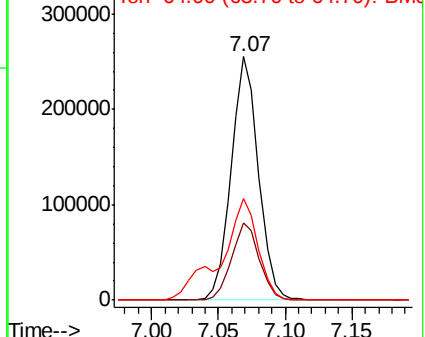


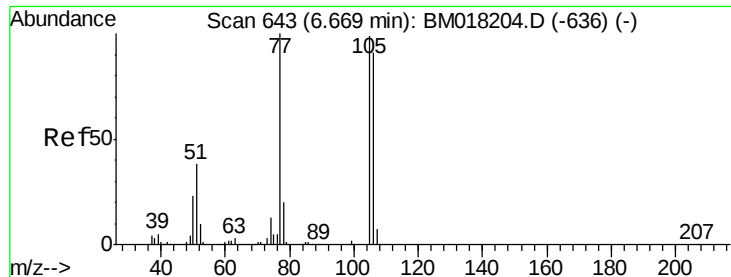
Abundance

Ion 128.00 (127.70 to 128.70): BM018204.D (-704) (-)

Ion 130.00 (129.70 to 130.70): BM018204.D (-704) (-)

Ion 64.00 (63.70 to 64.70): BM018204.D (-704) (-)





#9

Benzaldehyde

Concen: 16.277 ng

RT: 6.66 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampled :

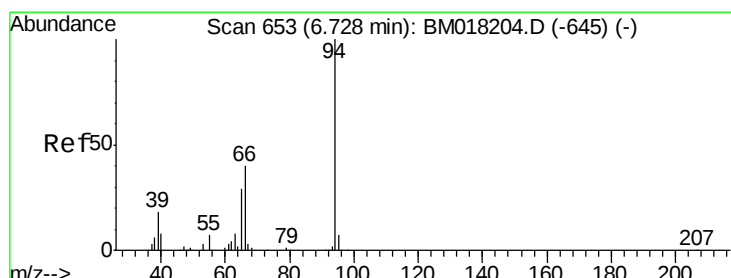
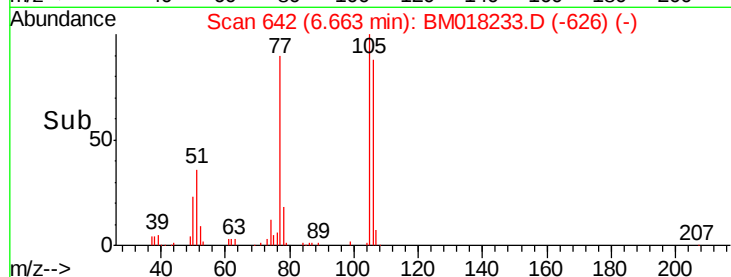
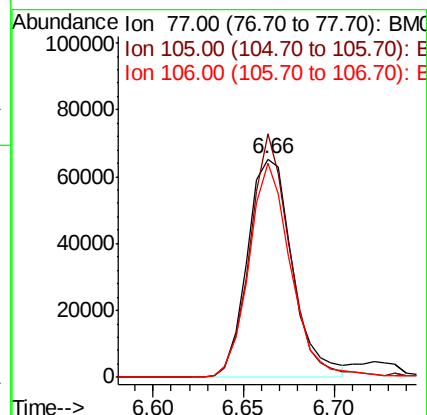
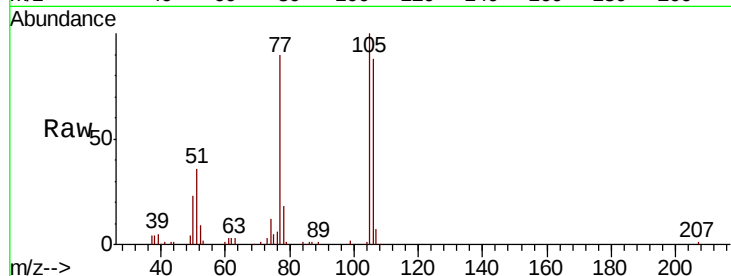
Tot Ion: 77 Resp: 113507

Ion Ratio Lower Upper

77 100

105 111.7 78.8 118.8

106 97.9 70.7 110.7



#10

Phenol

Concen: 44.921 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

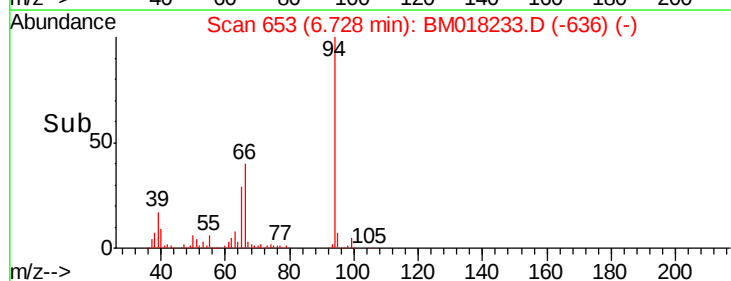
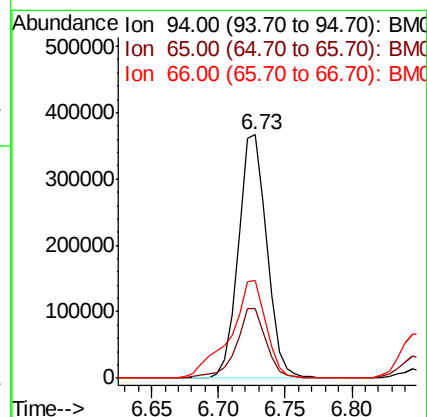
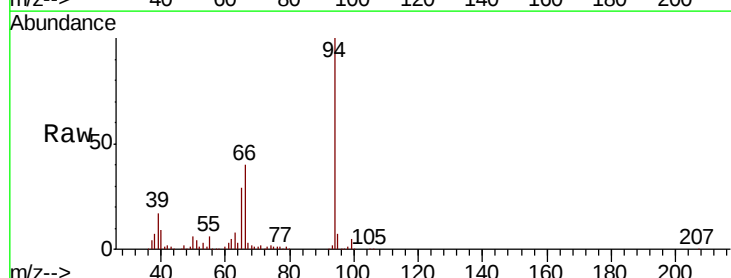
Tgt Ion: 94 Resp: 544279

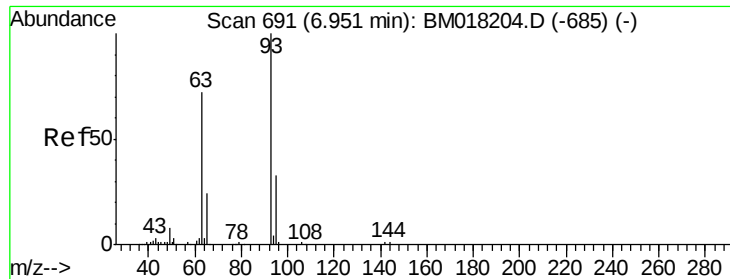
Ion Ratio Lower Upper

94 100

65 28.6 9.5 49.5

66 40.2 21.3 61.3

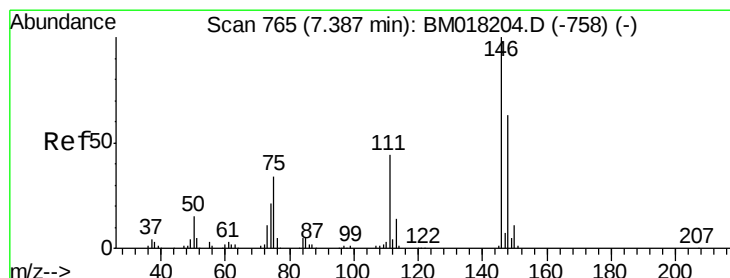
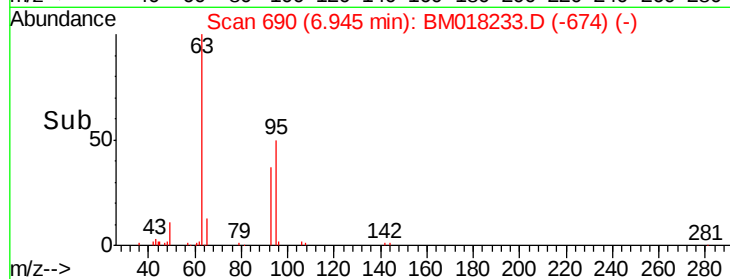
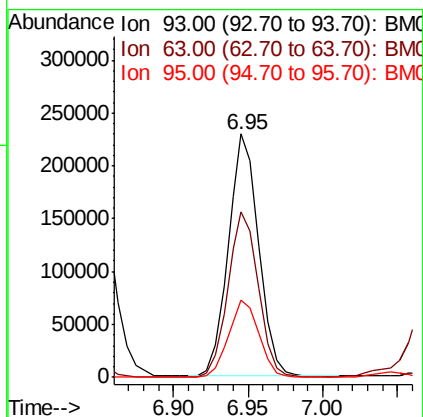
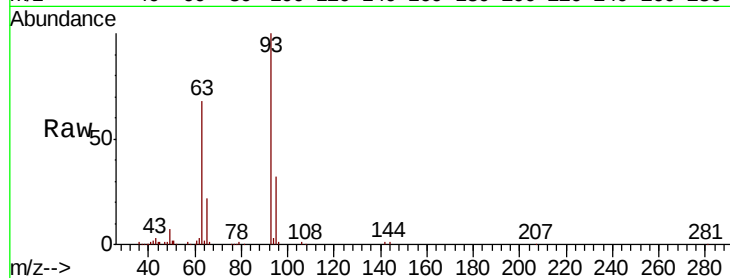




#11
bis(2-Chloroethyl)ether
Concen: 33.713 ng
RT: 6.95 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

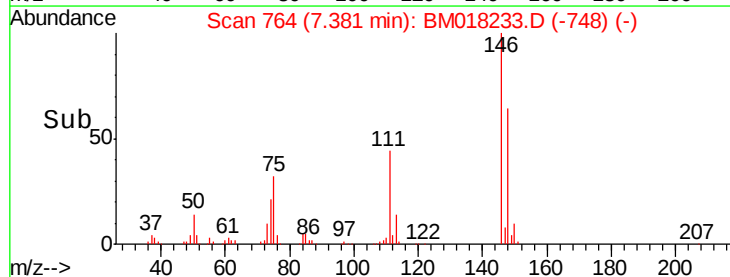
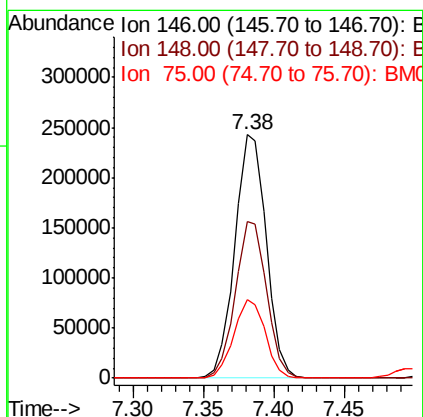
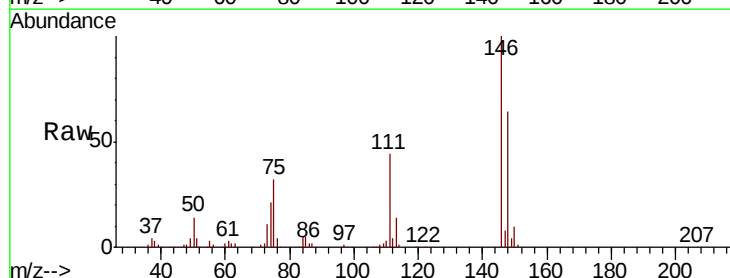
Instrument :
BNA_M
ClientSampleId :

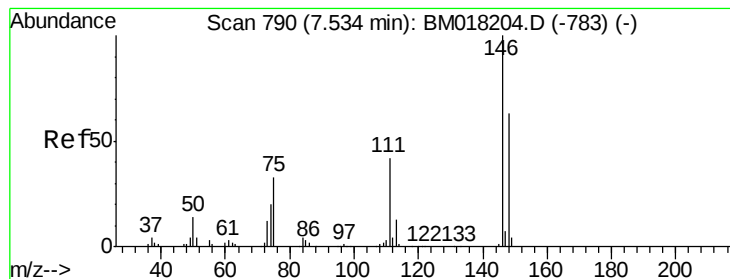
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.0	51.7	91.7
95	31.9	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 34.762 ng
RT: 7.38 min Scan# 764
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
75	32.0	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 36.132 ng

RT: 7.53 min Scan# 790

Delta R.T. -0.00 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampleId :

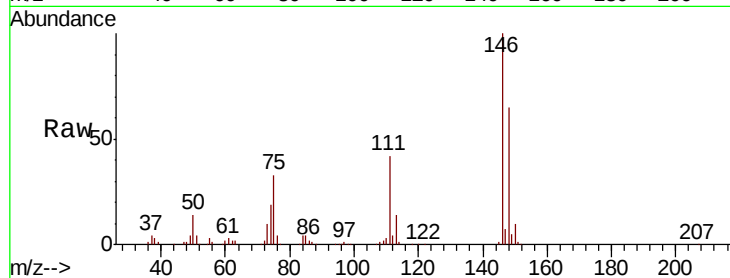
Tot Ion:146 Resp: 398461

Ion Ratio Lower Upper

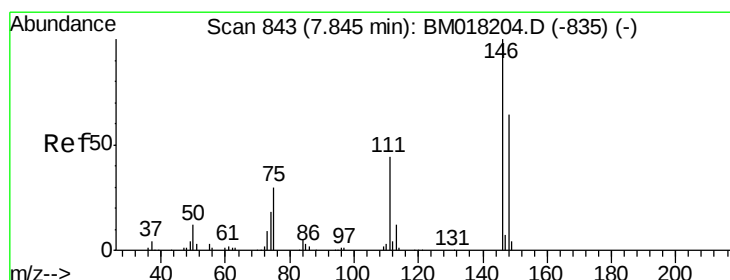
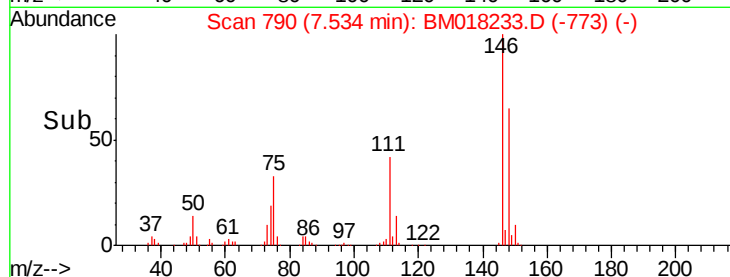
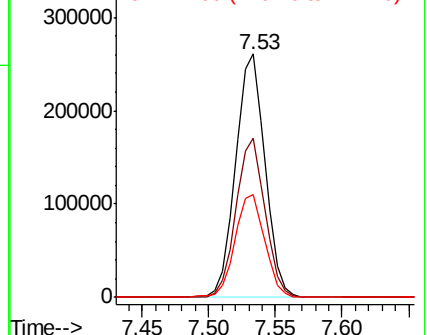
146 100

148 65.3 50.7 76.1

111 42.0 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: 34.763 ng

RT: 7.84 min Scan# 842

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

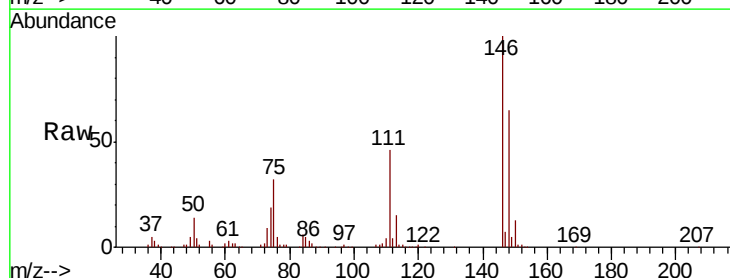
Tgt Ion:146 Resp: 369569

Ion Ratio Lower Upper

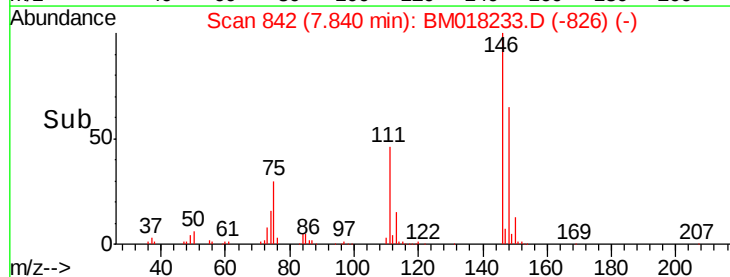
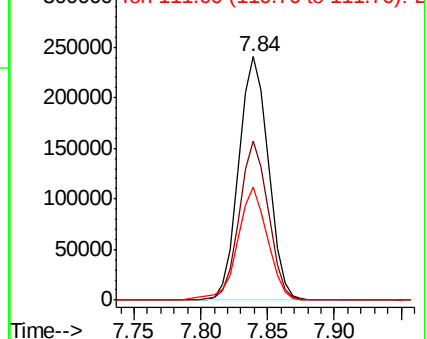
146 100

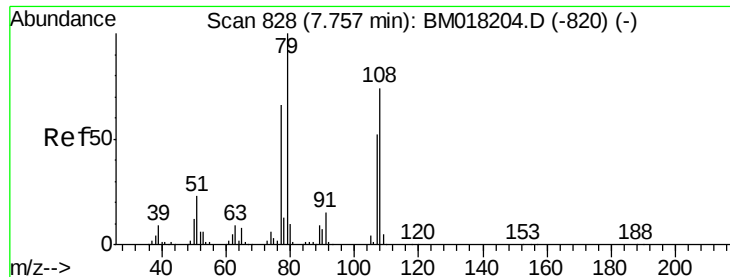
148 65.2 51.3 76.9

111 46.4 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: 32.070 ng

RT: 7.75 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampleId :

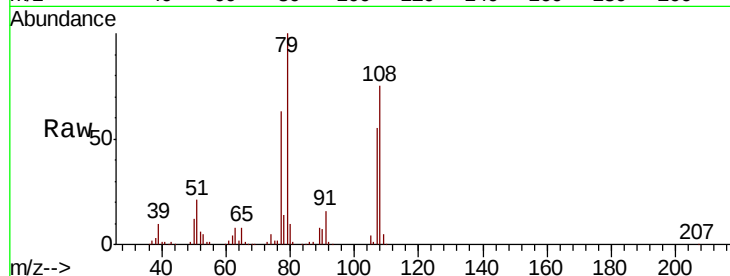
Tot Ion: 79 Resp: 298965

Ion Ratio Lower Upper

79 100

108 75.4 59.3 88.9

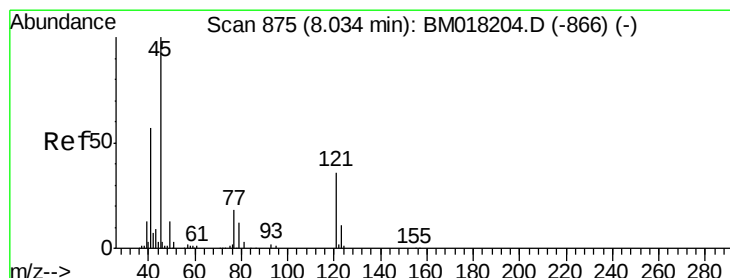
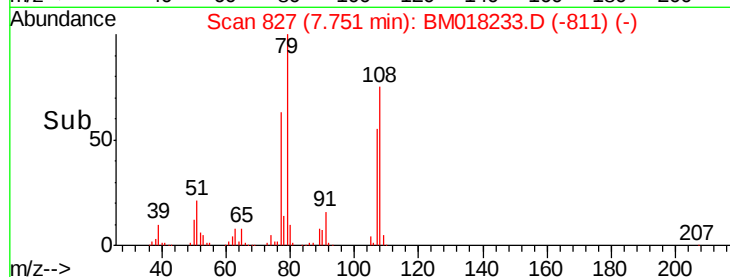
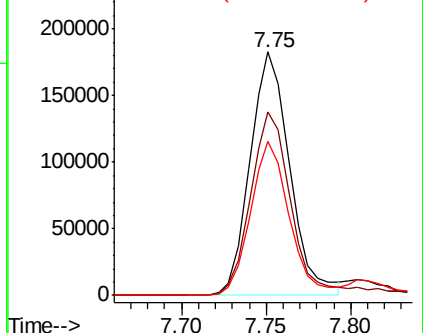
77 63.5 53.0 79.4



Abundance Ion 79.00 (78.70 to 79.70): BM018204.D (-820) (-)

Ion 108.00 (107.70 to 108.70): BM018204.D (-820) (-)

Ion 77.00 (76.70 to 77.70): BM018204.D (-820) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.982 ng

RT: 8.03 min Scan# 875

Delta R.T. -0.00 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

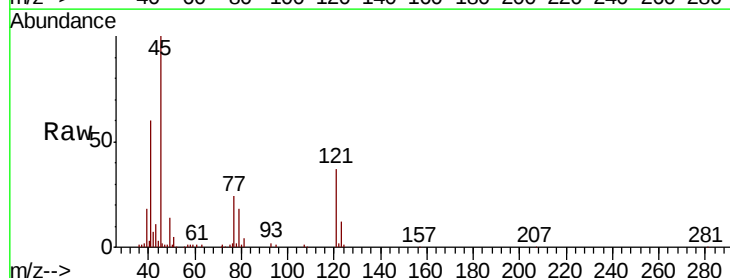
Tgt Ion: 45 Resp: 285815

Ion Ratio Lower Upper

45 100

77 23.9 2.5 42.5

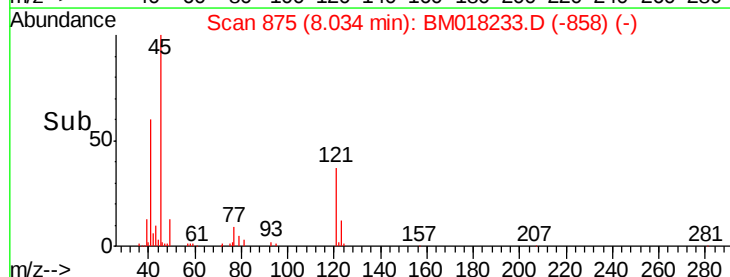
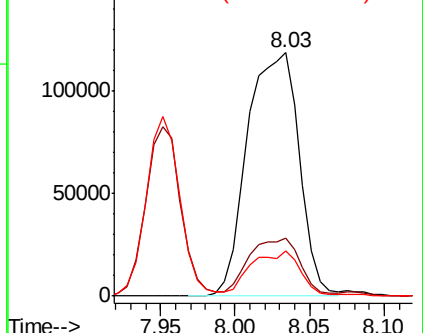
79 18.3 0.0 37.2

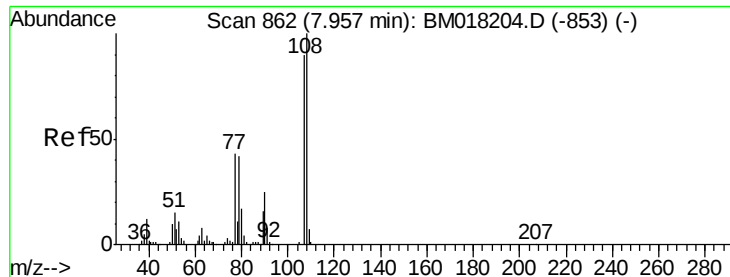


Abundance Ion 45.00 (44.70 to 45.70): BM018204.D (-866) (-)

Ion 77.00 (76.70 to 77.70): BM018204.D (-866) (-)

Ion 79.00 (78.70 to 79.70): BM018204.D (-866) (-)





#17

2-Methylphenol

Concen: 35.811 ng

RT: 7.95 min Scan# 861

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 289720

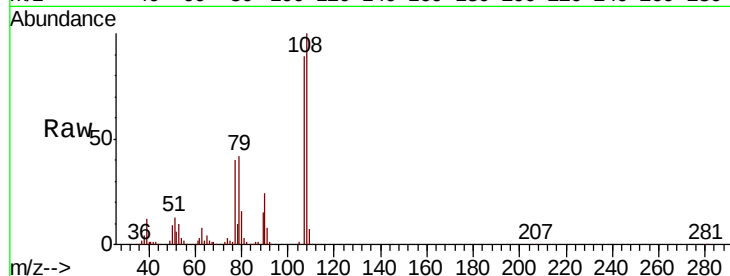
Ion Ratio Lower Upper

107 100

108 112.2 89.3 133.9

77 44.5 38.2 57.4

79 47.2 37.7 56.5

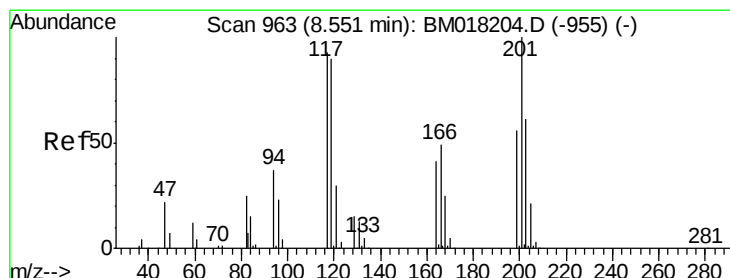
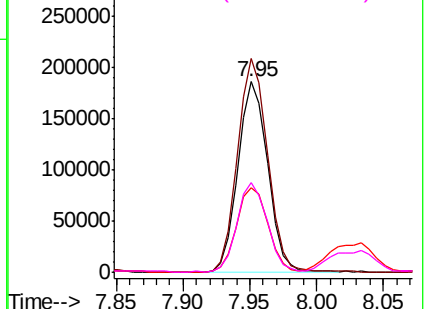
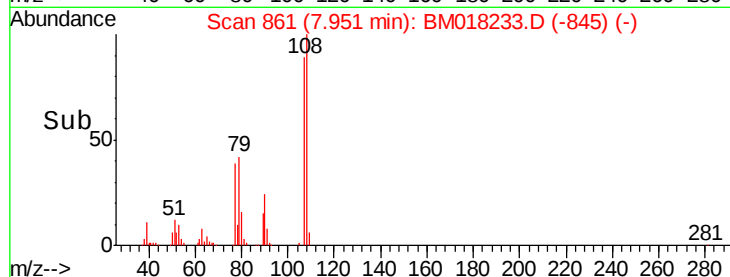


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 34.079 ng

RT: 8.55 min Scan# 962

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

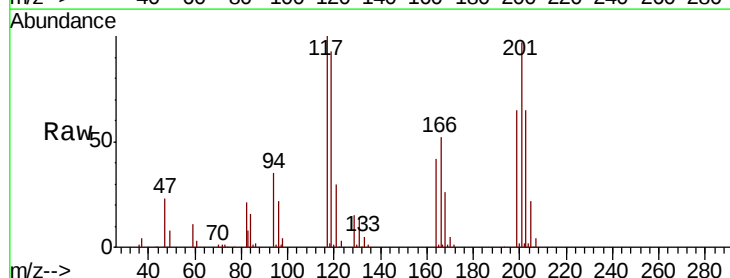
Tgt Ion:117 Resp: 137749

Ion Ratio Lower Upper

117 100

119 92.8 77.0 115.4

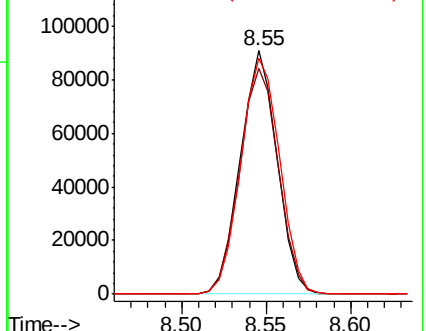
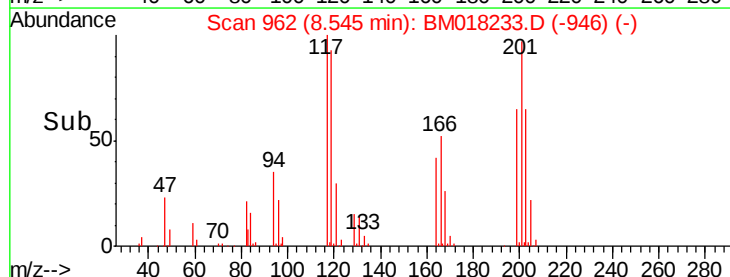
201 97.1 85.7 128.5

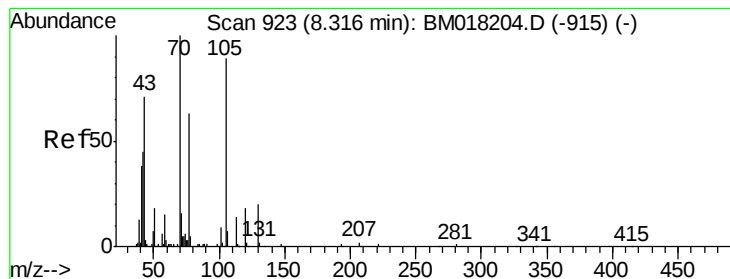


Abundance Ion 117.00 (116.70 to 117.70): E

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: 29.406 ng

RT: 8.31 min Scan# 922

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 251196

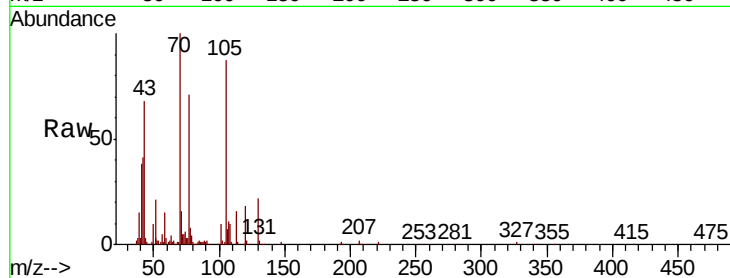
Ion	Ratio	Lower	Upper
70	100		
42	40.9	36.2	54.2
101	10.3	7.5	11.3
130	22.5	16.4	24.6

70 100

42 40.9 36.2 54.2

101 10.3 7.5 11.3

130 22.5 16.4 24.6



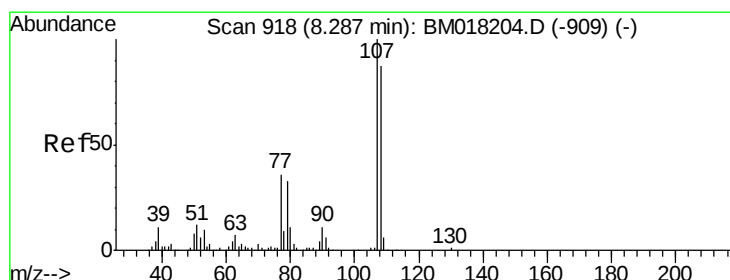
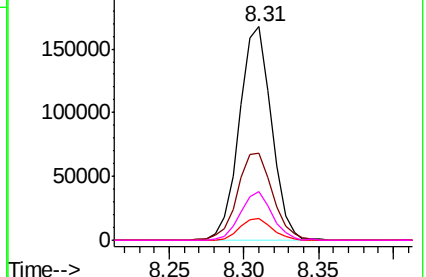
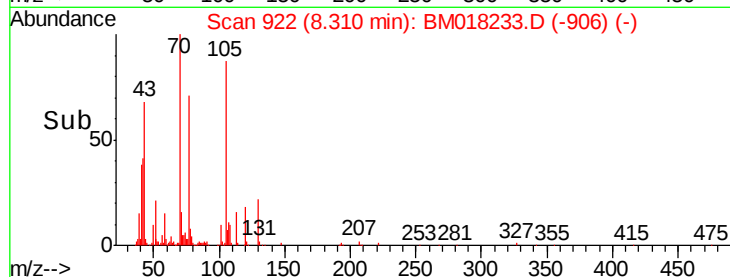
Abundance

Ion 70.00 (69.70 to 70.70): BM018233.D (-906) (-)

Ion 42.00 (41.70 to 42.70): BM018233.D (-906) (-)

Ion 101.00 (100.70 to 101.70): BM018233.D (-906) (-)

Ion 130.00 (129.70 to 130.70): BM018233.D (-906) (-)



#20

3+4-Methylphenols

Concen: 33.270 ng

RT: 8.28 min Scan# 917

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion: 107 Resp: 377165

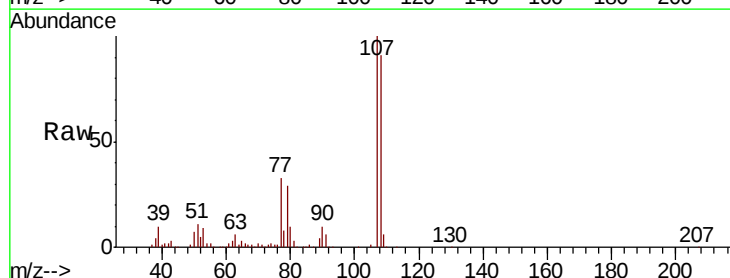
Ion	Ratio	Lower	Upper
107	100		
108	90.6	67.4	107.4
77	32.9	15.7	55.7
79	29.2	13.3	53.3

107 100

108 90.6 67.4 107.4

77 32.9 15.7 55.7

79 29.2 13.3 53.3



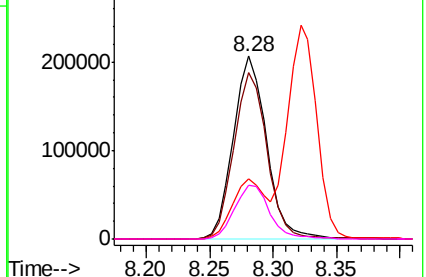
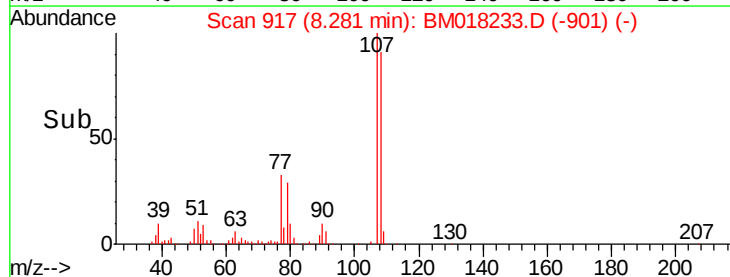
Abundance

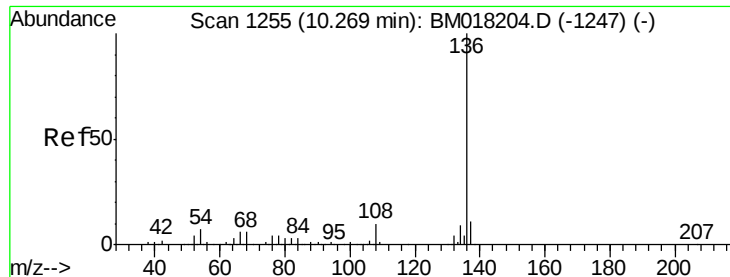
Ion 107.00 (106.70 to 107.70): BM018233.D (-901) (-)

Ion 108.00 (107.70 to 108.70): BM018233.D (-901) (-)

Ion 77.00 (76.70 to 77.70): BM018233.D (-901) (-)

Ion 79.00 (78.70 to 79.70): BM018233.D (-901) (-)

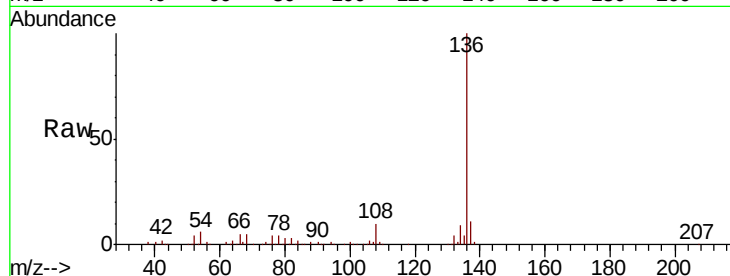




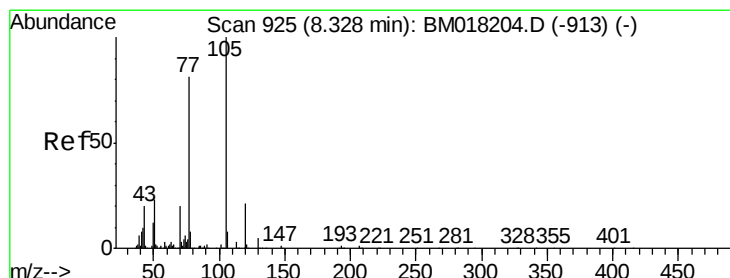
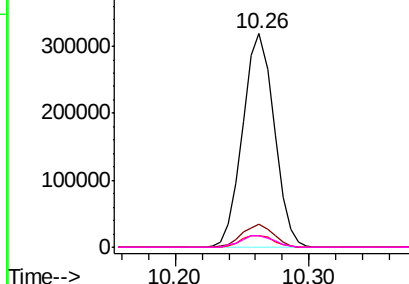
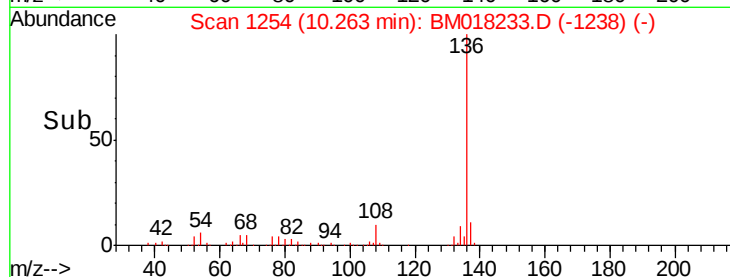
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampled :

Tot Ion:136	Resp:	522422	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.2	13.8	
54 5.7	5.2	7.8	
68 5.5	5.0	7.6	

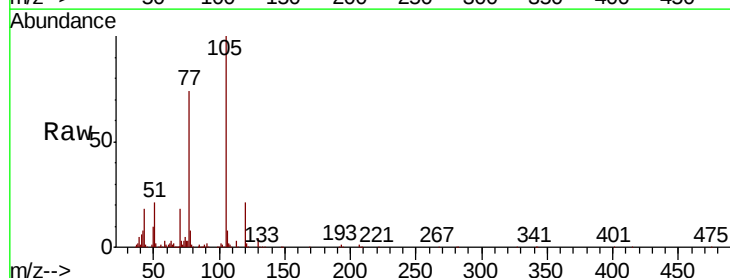


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

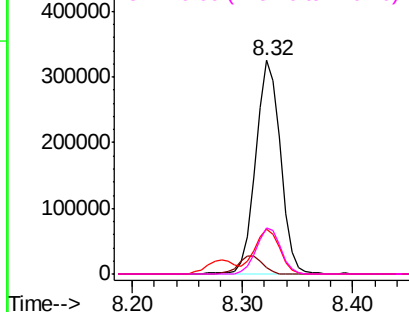
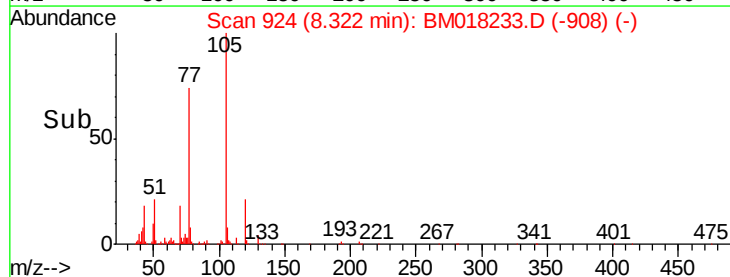


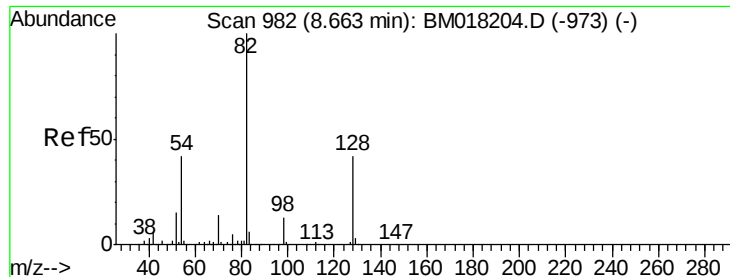
#22
Acetophenone
Concen: 37.202 ng
RT: 8.32 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt	Ion:105	Resp:	514326
Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.6	4.0
51	21.2	18.3	27.5
120	21.4	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

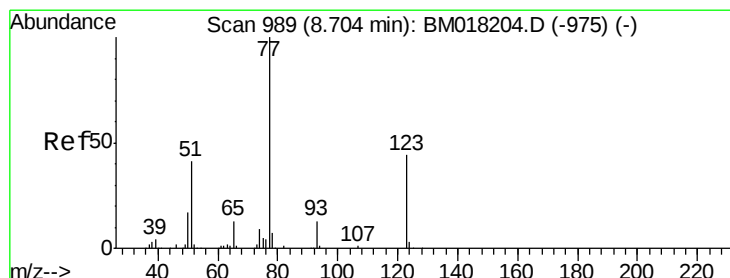
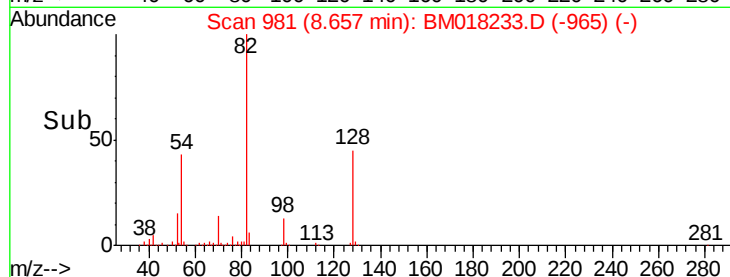
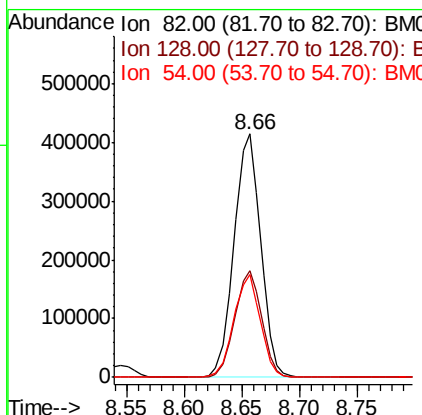
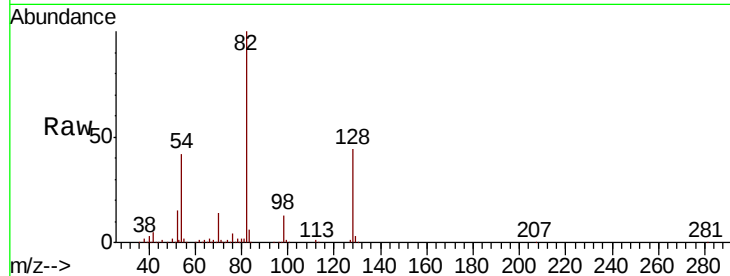




#23
Nitrobenzene-d5
Concen: 65.220 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

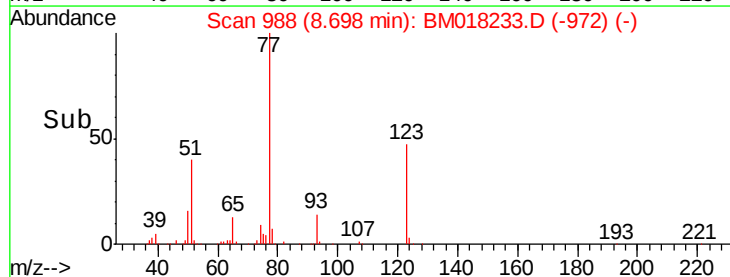
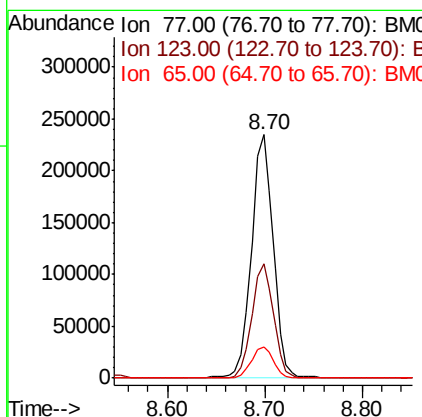
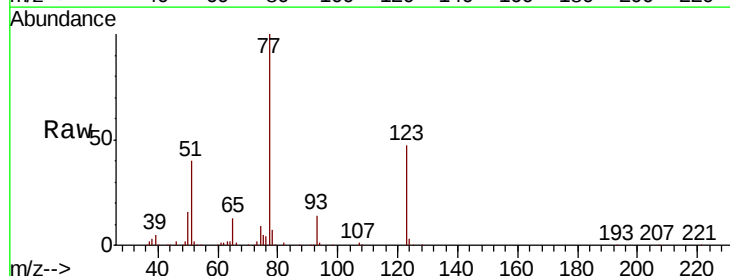
Instrument :
BNA_M
ClientSampled :

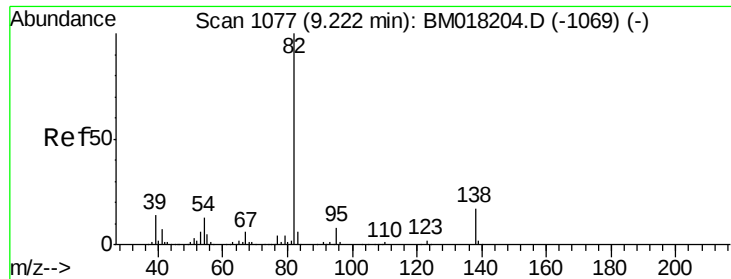
Tot Ion	82	Resp	664267
Ion Ratio	Lower	Upper	
82	100		
128	44.1	33.4	50.2
54	42.3	33.4	50.2



#24
Nitrobenzene
Concen: 36.000 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	77	Resp	366361
Ion Ratio	Lower	Upper	
77	100		
123	47.0	35.4	53.2
65	12.8	10.6	15.8





#25

Isophorone

Concen: 37.759 ng

RT: 9.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampled :

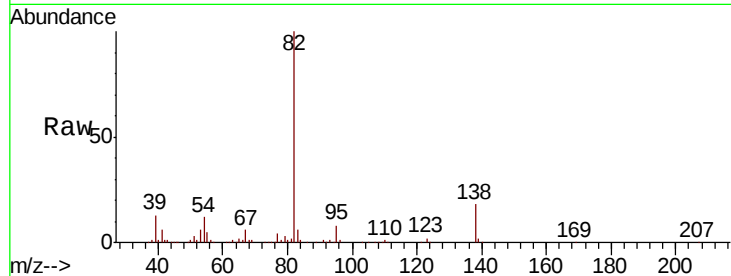
Tot Ion: 82 Resp: 640266

Ion Ratio Lower Upper

82 100

95 7.6 6.4 9.6

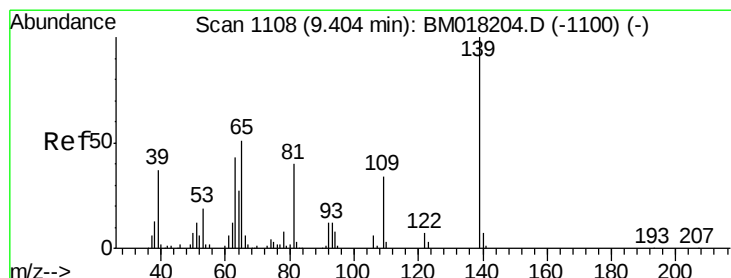
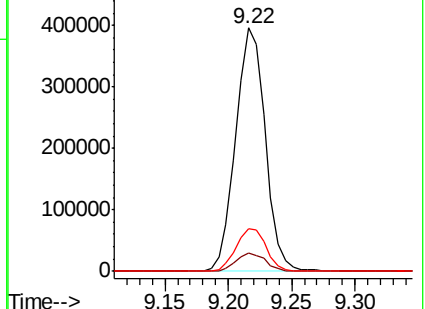
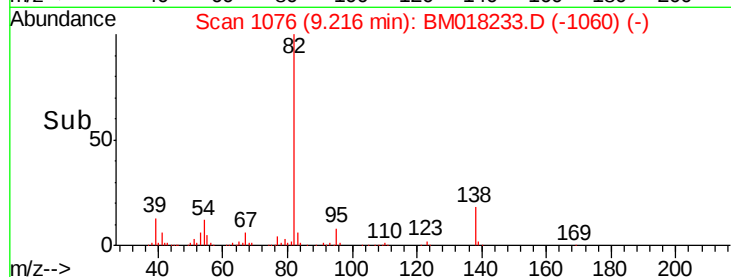
138 17.7 13.9 20.9



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: 37.837 ng

RT: 9.40 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

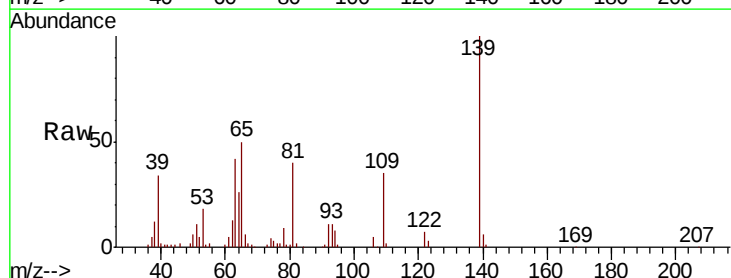
Tgt Ion: 139 Resp: 188858

Ion Ratio Lower Upper

139 100

109 35.0 27.4 41.0

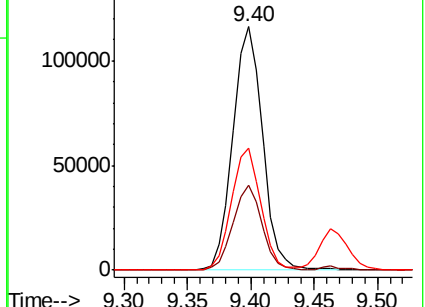
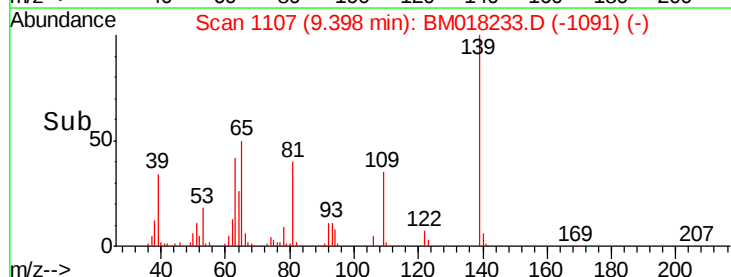
65 50.0 41.0 61.4

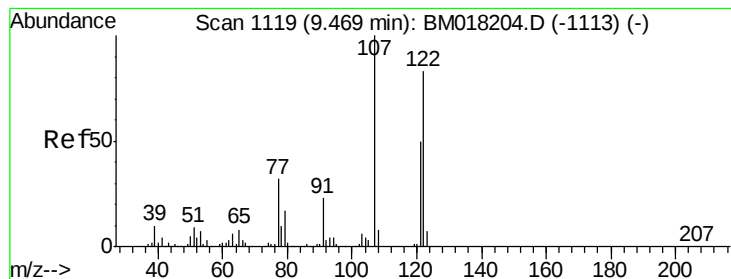


Abundance Ion 139.00 (138.70 to 139.70): BM018204.D (-1100) (-)

Ion 109.00 (108.70 to 109.70): BM018204.D (-1100) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-1100) (-)

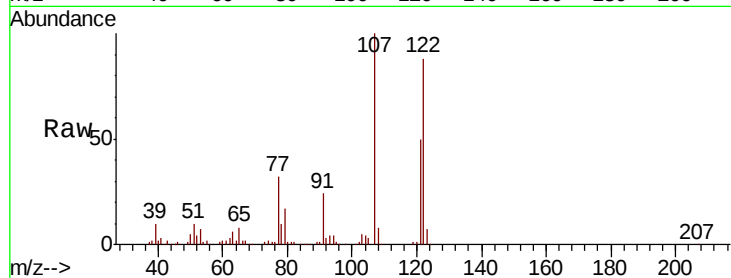




#27
 2,4-Dimethylphenol
 Concen: 42.778 ng
 RT: 9.47 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
122	100			
107	113.9	96.5	144.7	
121	57.4	48.2	72.4	

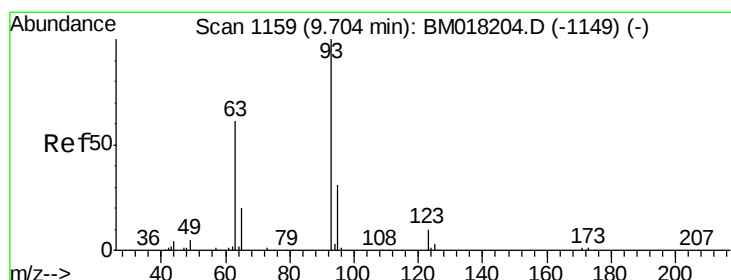
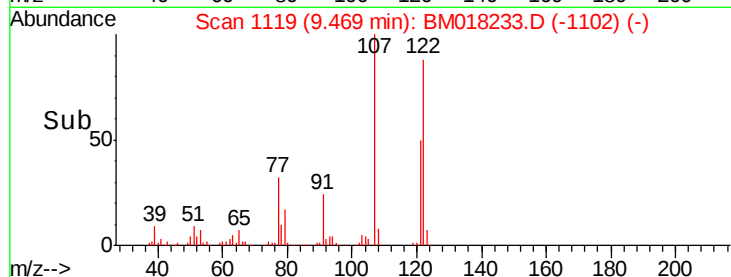
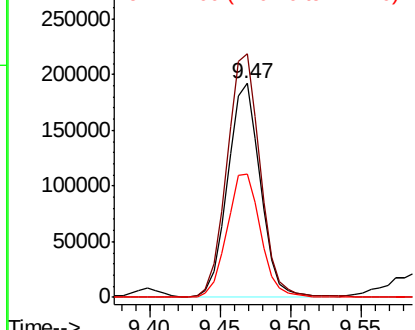


Abundance

Ion 122.00 (121.70 to 122.70): E

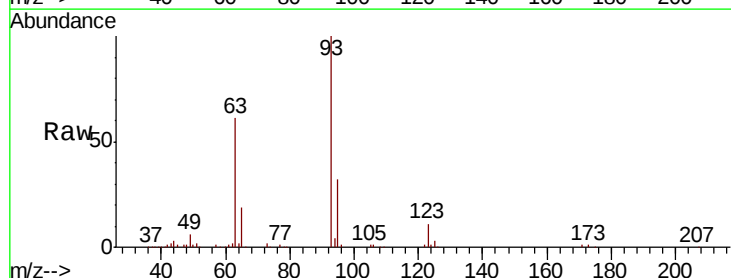
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.752 ng
 RT: 9.70 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
95	31.7	25.3	37.9	
123	11.3	9.3	13.9	

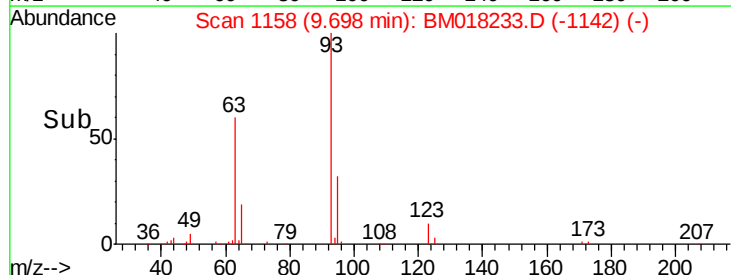
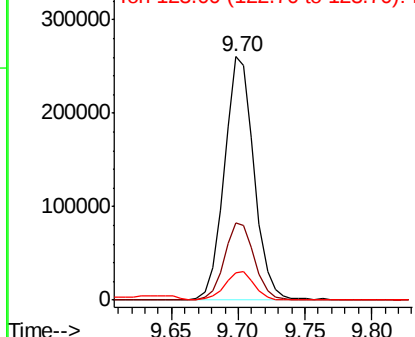


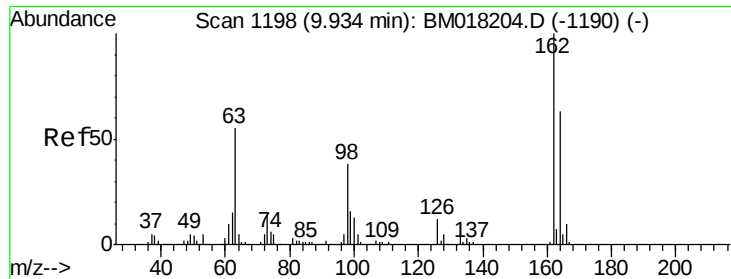
Abundance

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

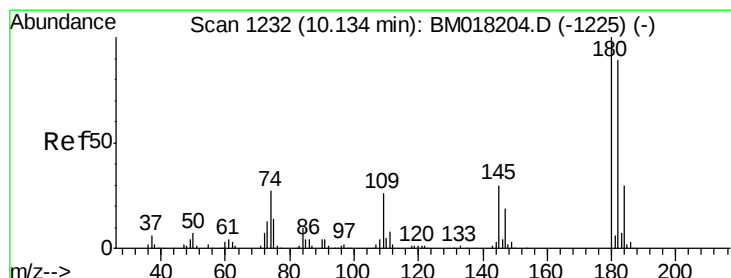
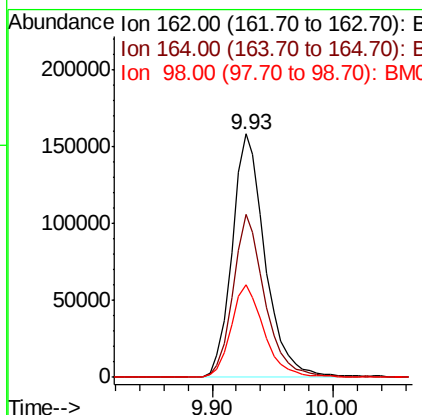
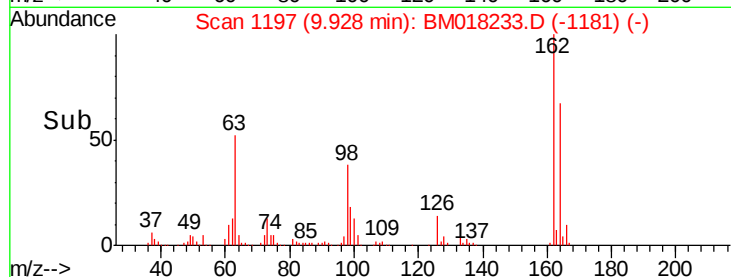
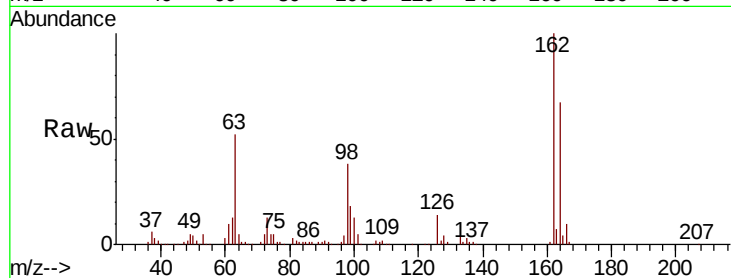




#29
2,4-Dichlorophenol
Concen: 37.643 ng
RT: 9.93 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

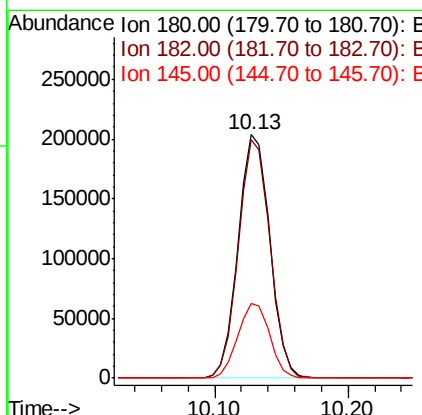
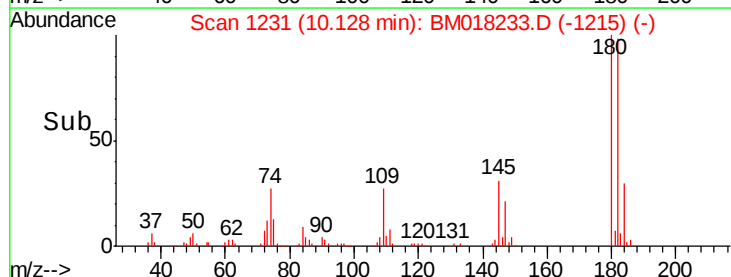
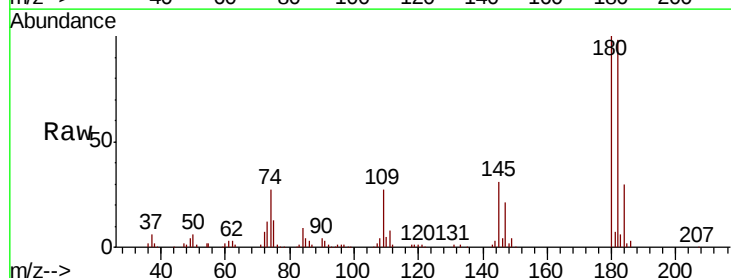
Instrument :
BNA_M
ClientSampleId :

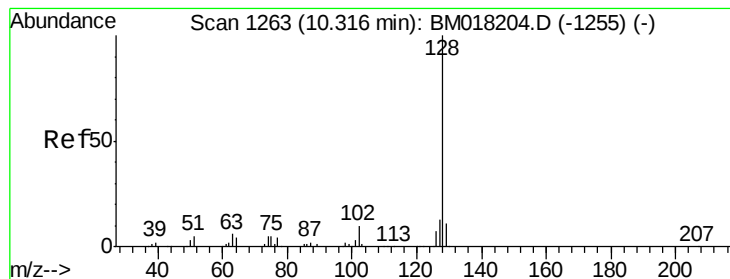
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	43.0	83.0
98	38.1	18.3	58.3



#30
1,2,4-Trichlorobenzene
Concen: 36.916 ng
RT: 10.13 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	71.4	107.2
145	30.7	24.4	36.6





#31

Naphthalene

Concen: 40.282 ng

RT: 10.31 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

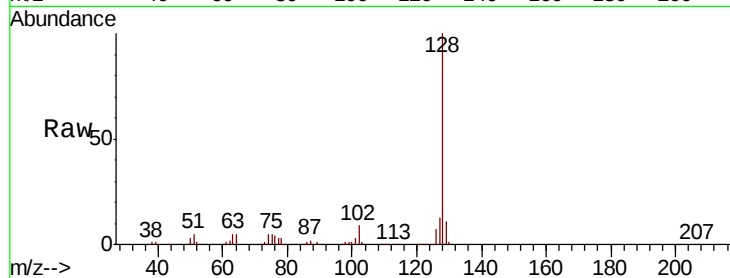
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 1029000

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	12.6	10.4	15.6

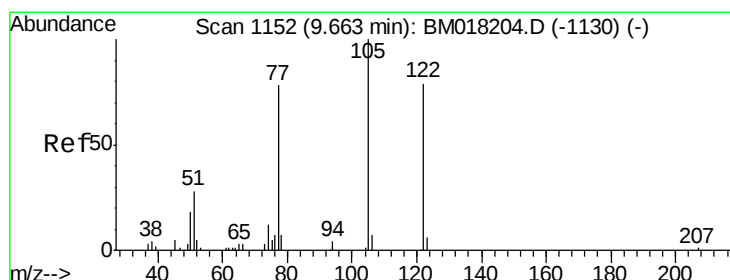
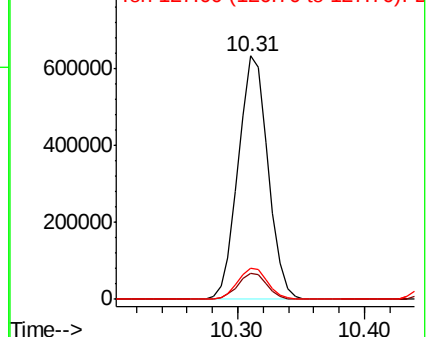
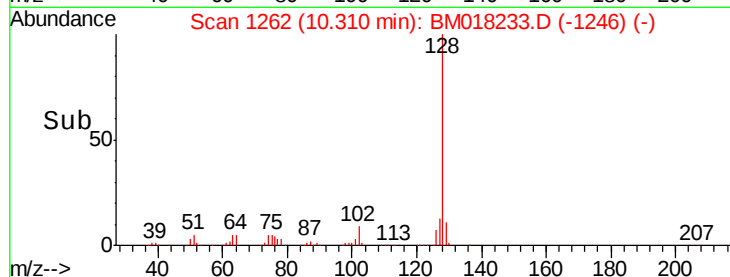


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.535 ng

RT: 9.65 min Scan# 1149

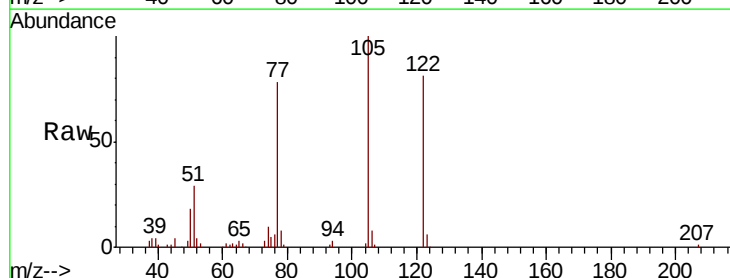
Delta R.T. -0.02 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion:122 Resp: 194373

Ion	Ratio	Lower	Upper
122	100		
105	124.0	104.8	144.8
77	96.3	77.7	117.7

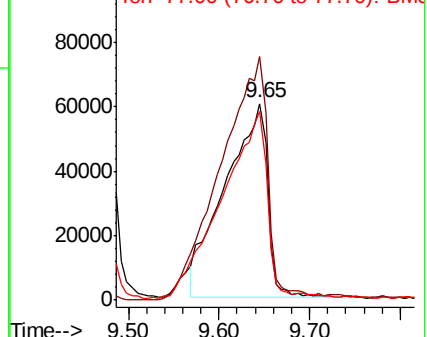
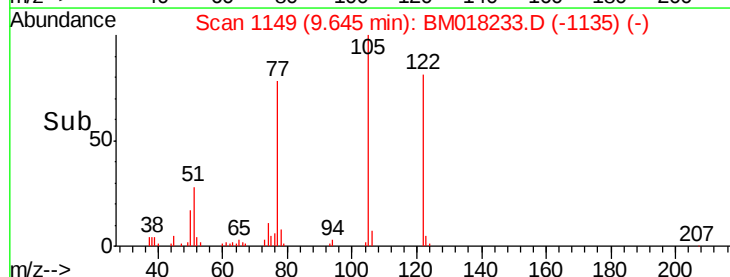


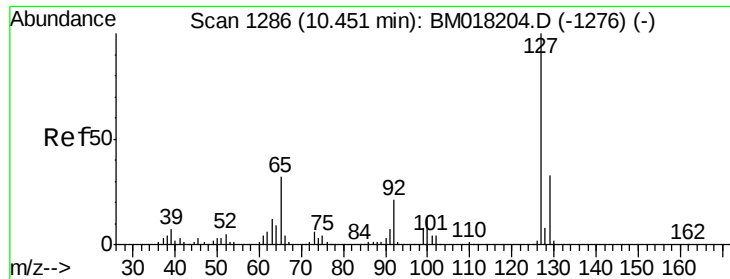
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

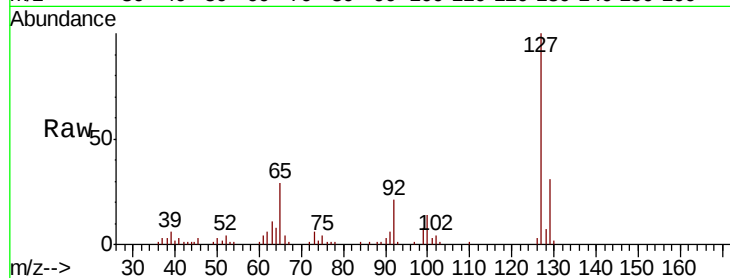




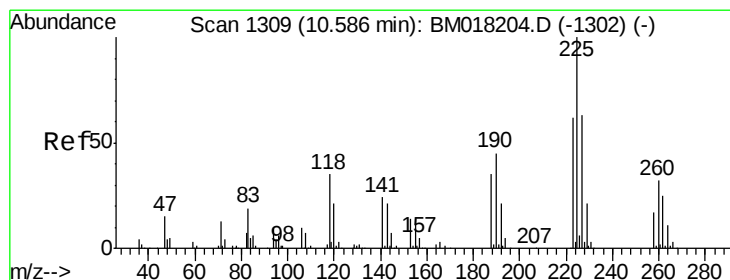
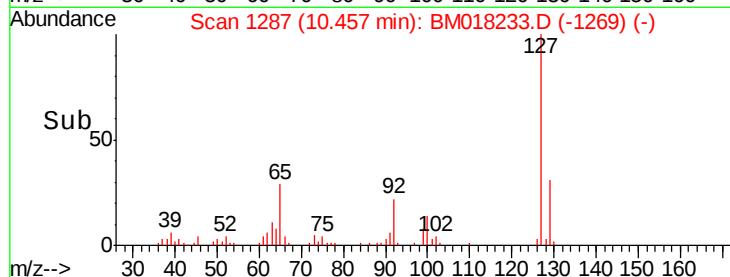
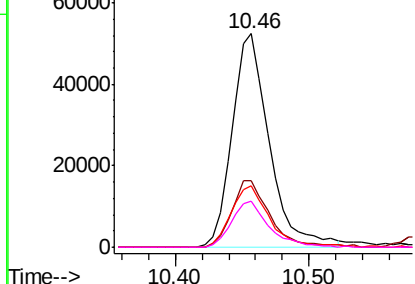
#33
4-Chloroaniline
Concen: 9.049 ng
RT: 10.46 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	101253
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.4	39.6
65	28.8	25.6	38.4
92	21.5	17.0	25.6

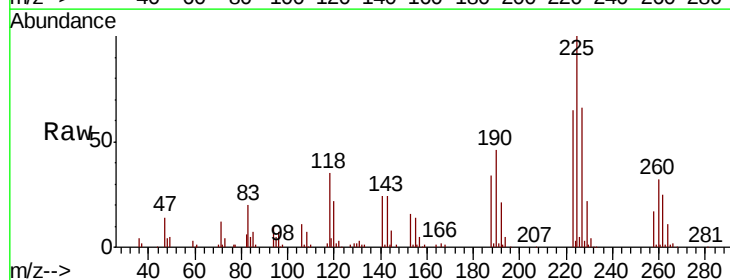


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

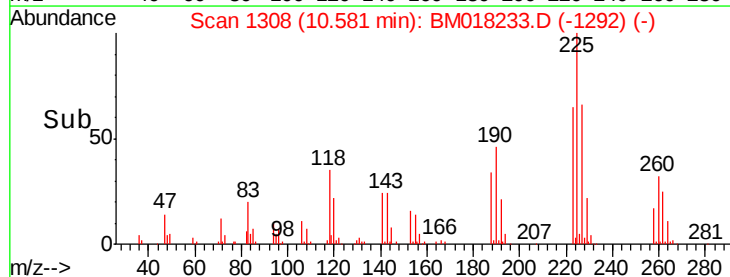
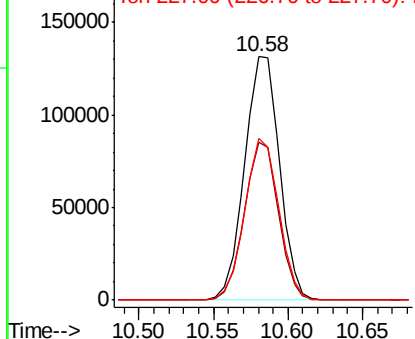


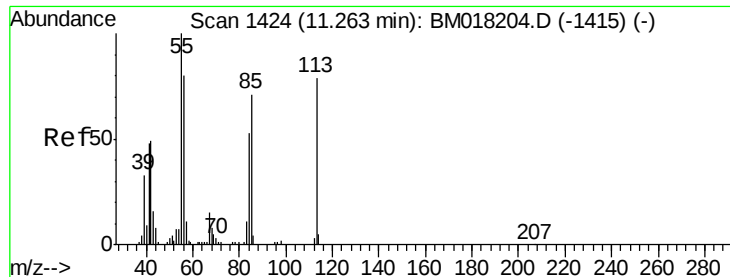
#34
Hexachlorobutadiene
Concen: 37.013 ng
RT: 10.58 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion:	225	Resp:	212376
Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.8	74.6
227	66.3	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

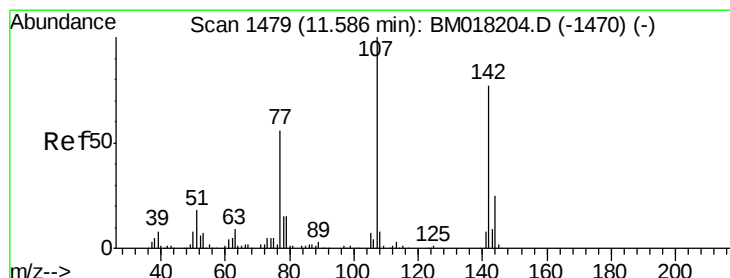
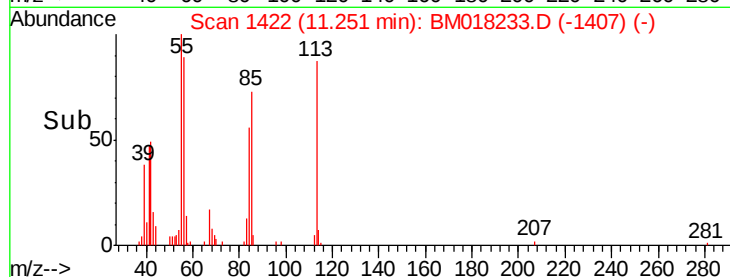
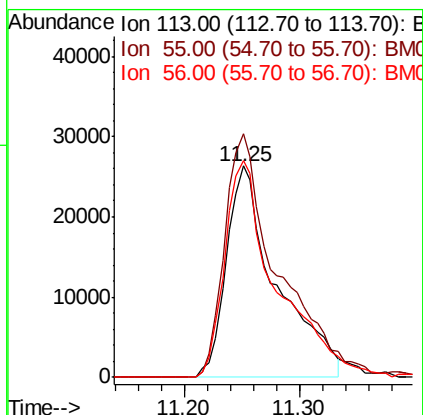
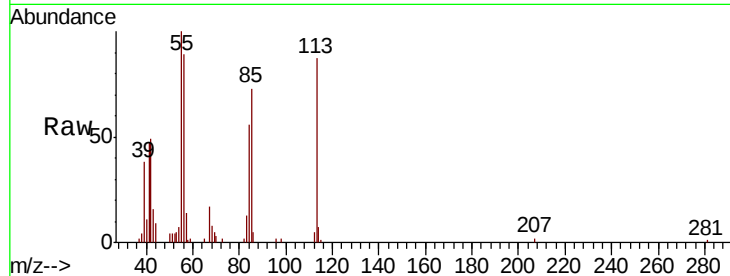




#35
 Caprolactam
 Concen: 26.096 ng
 RT: 11.25 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

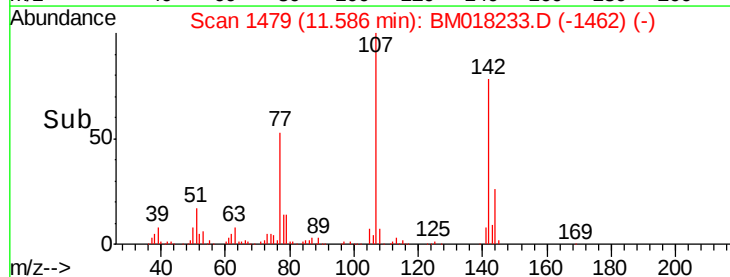
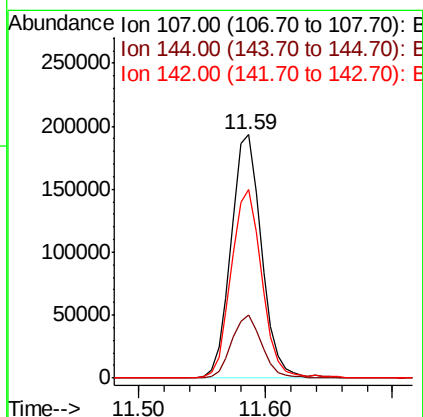
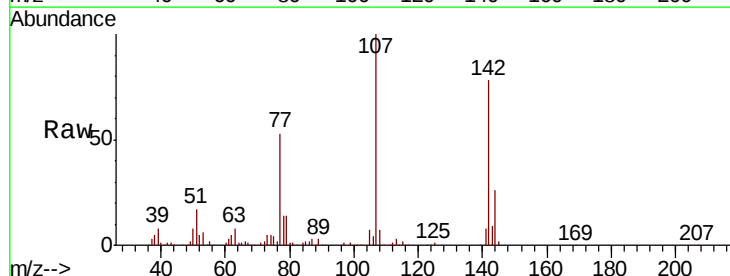
Instrument :
 BNA_M
 ClientSampleId :

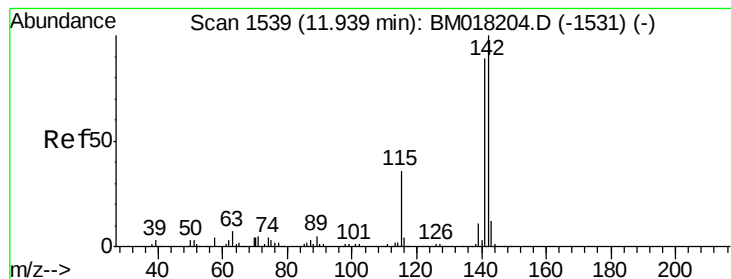
Tot Ion:113 Resp: 79310
 Ion Ratio Lower Upper
 113 100
 55 115.1 105.9 145.9
 56 102.2 80.1 120.1



#36
 4-Chloro-3-methylphenol
 Concen: 33.622 ng
 RT: 11.59 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion:107 Resp: 322227
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.1 30.1
 142 77.7 61.7 92.5





#37

2-Methylnaphthalene

Concen: 40.605 ng

RT: 11.93 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampleId :

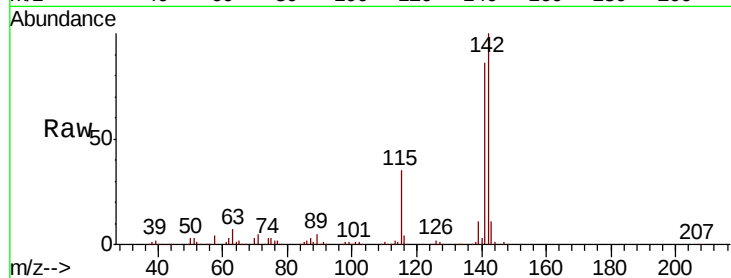
Tot Ion:142 Resp: 731491

Ion Ratio Lower Upper

142 100

141 85.9 71.4 107.2

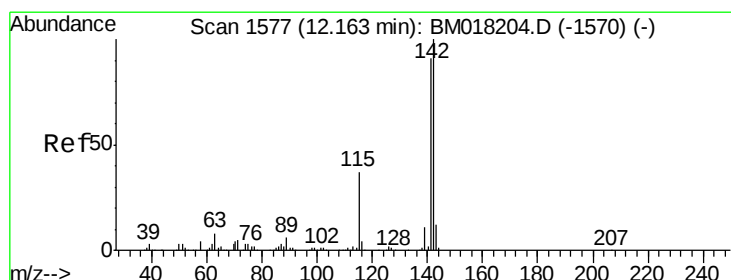
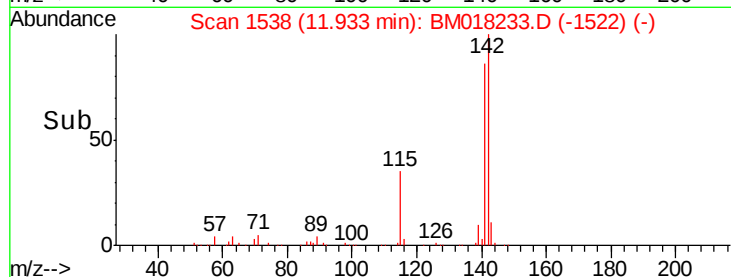
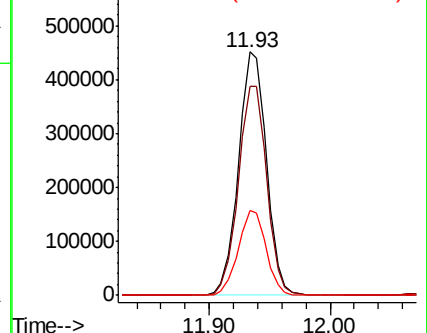
115 35.0 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.216 ng

RT: 12.16 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

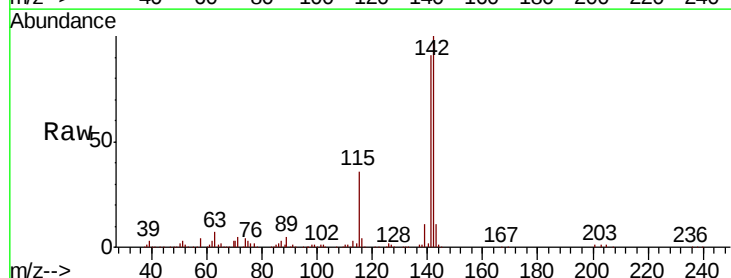
Tgt Ion:142 Resp: 671785

Ion Ratio Lower Upper

142 100

141 90.8 73.0 109.4

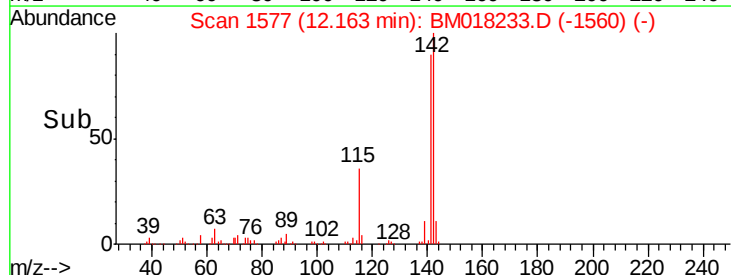
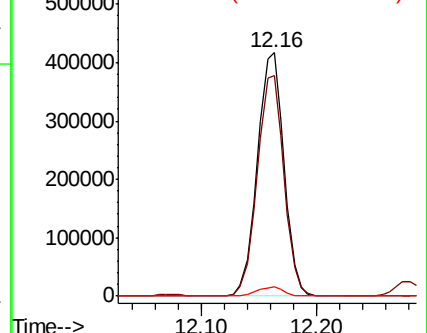
116 3.7 3.0 4.6

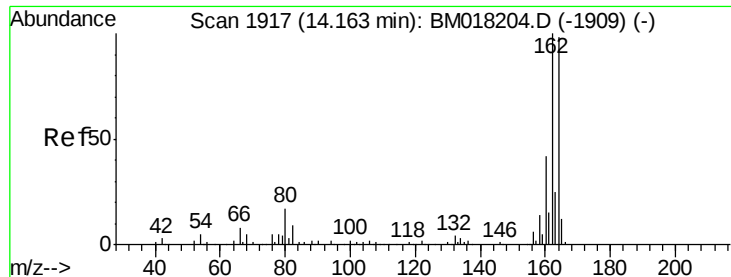


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.16 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampleId :

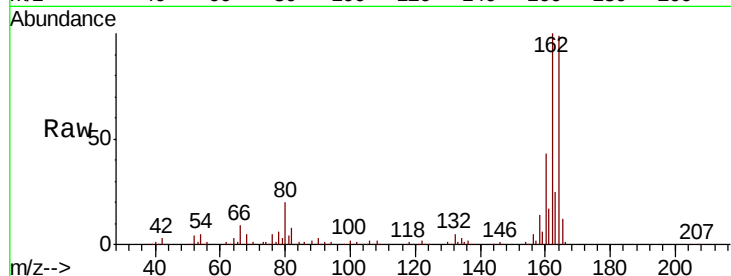
Tot Ion:164 Resp: 256914

Ion Ratio Lower Upper

164 100

162 100.6 81.8 122.6

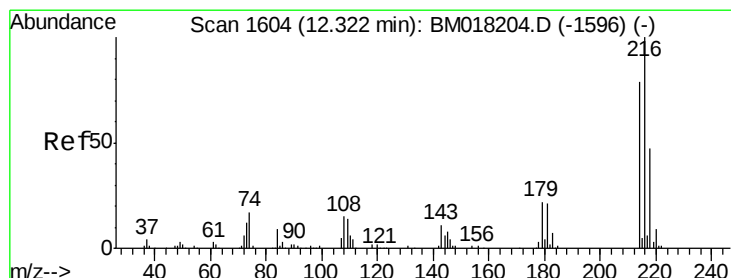
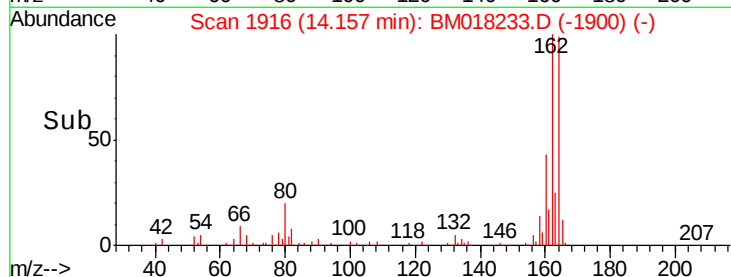
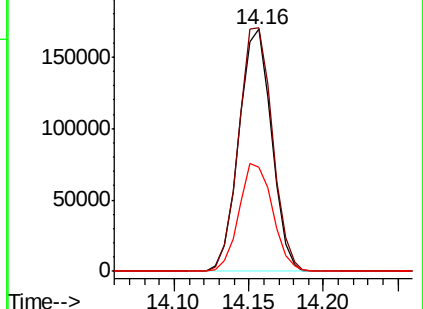
160 43.0 34.6 51.8



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: 40.156 ng

RT: 12.32 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion:216 Resp: 354761

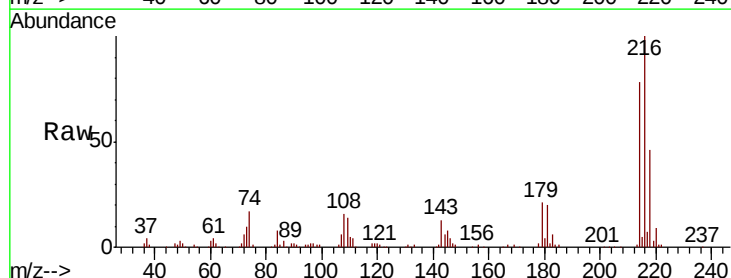
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

179 21.0 17.2 25.8

108 19.7 14.6 21.8

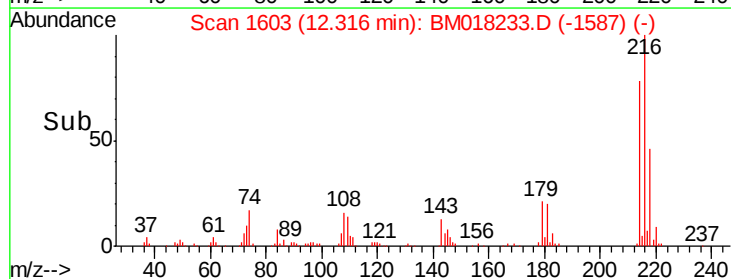
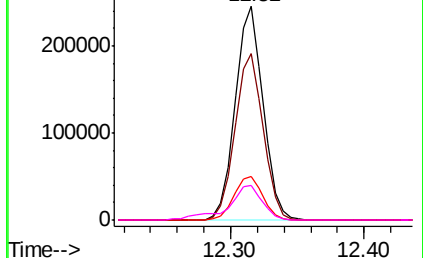


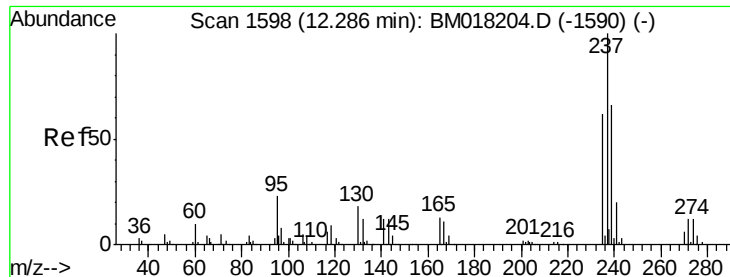
Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.266 ng

RT: 12.28 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

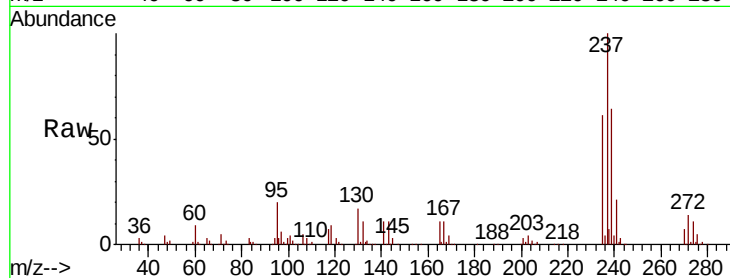
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 340778

Ion	Ratio	Lower	Upper
237	100		
235	60.8	42.1	82.1
272	13.7	0.0	32.1

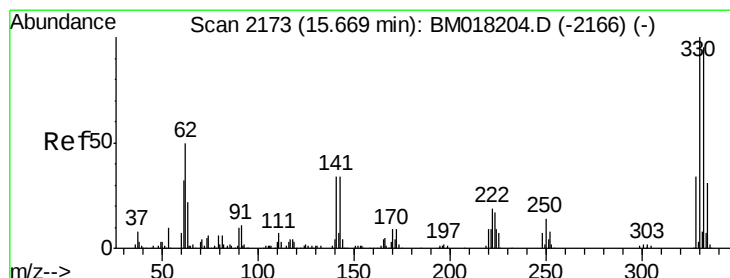
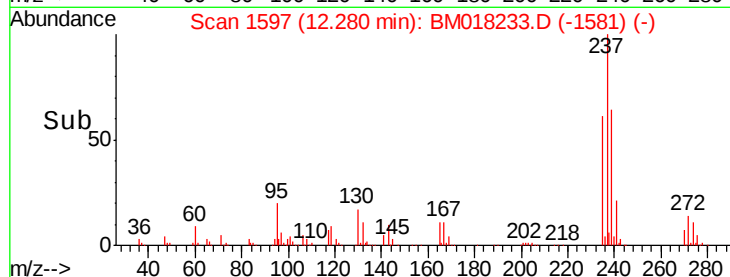
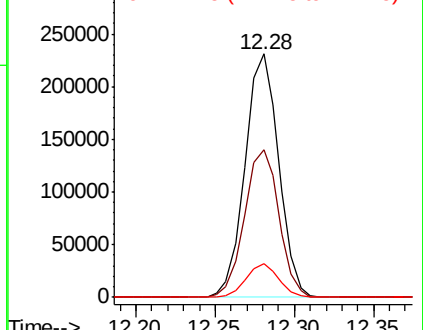


Abundance

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: 83.540 ng

RT: 15.66 min Scan# 2172

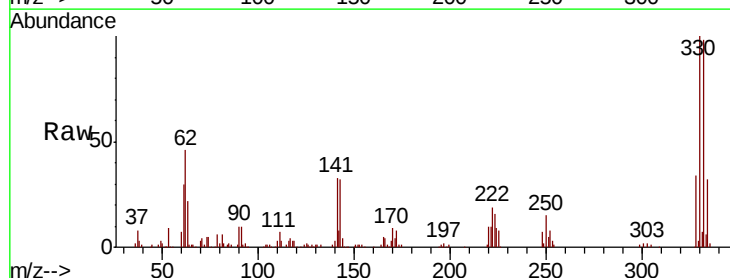
Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion:330 Resp: 315010

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.6	118.0
141	33.6	27.1	40.7

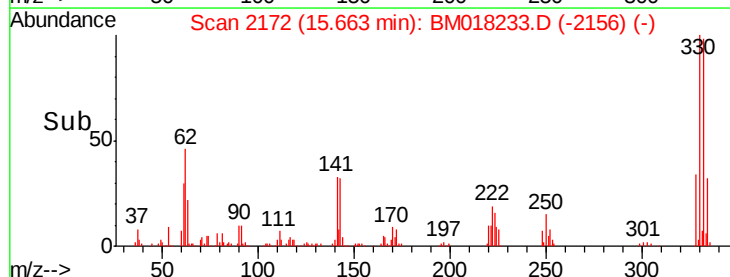
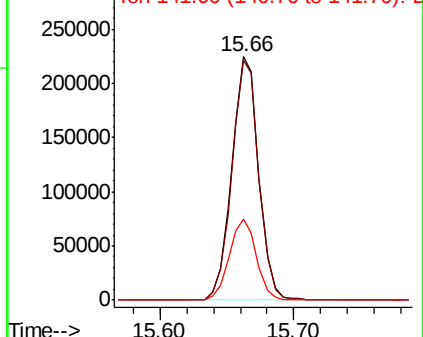


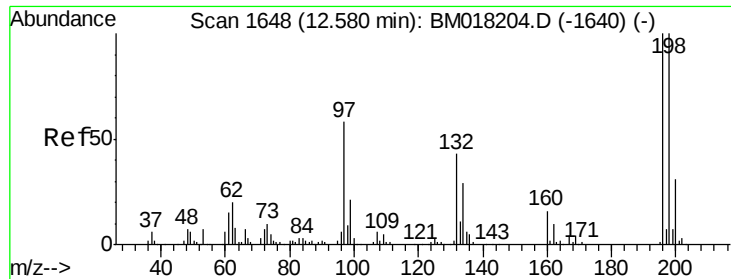
Abundance

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

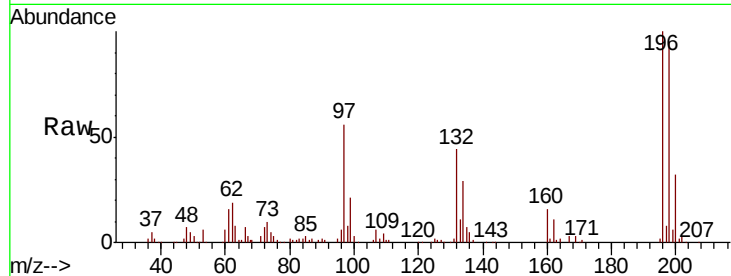




#43
 2,4,6-Trichlorophenol
 Concen: 39.353 ng
 RT: 12.57 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	80.1	120.1
200	32.3	24.9	37.3

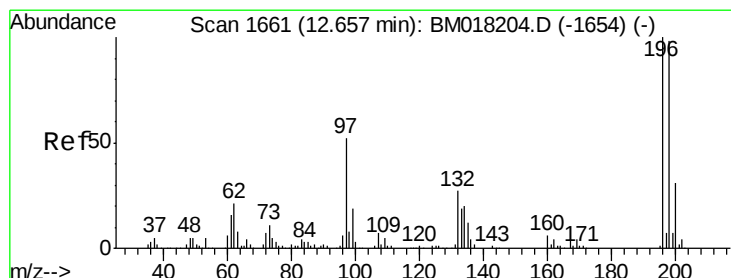
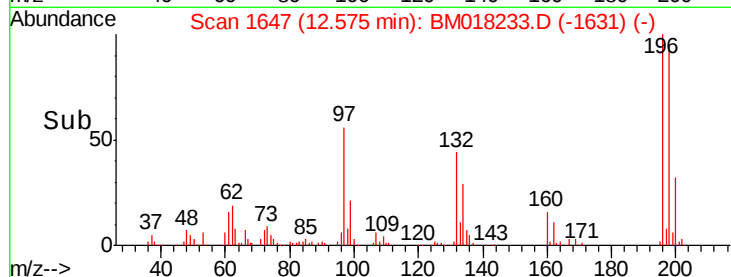
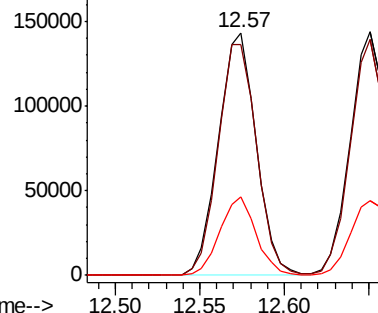


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.826 ng
 RT: 12.65 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	78.5	117.7
97	50.1	41.9	62.9
132	28.3	21.7	32.5

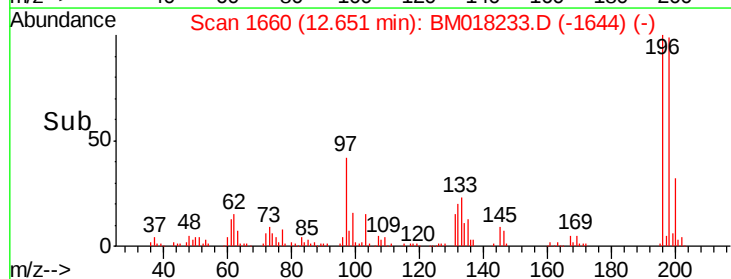
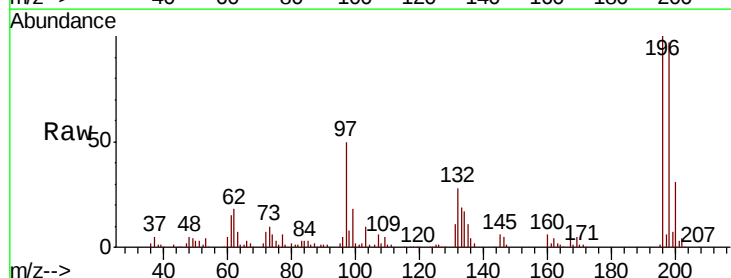
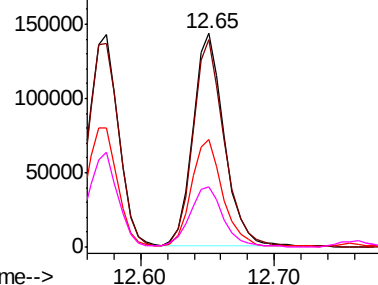
Abundance

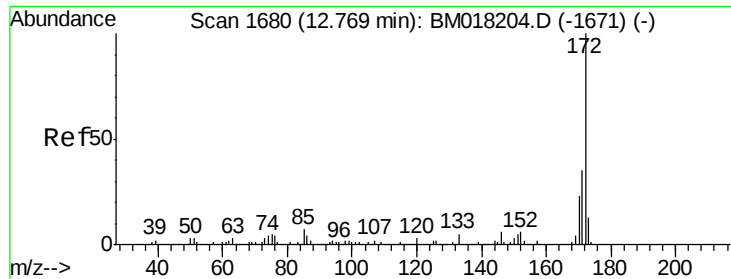
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E



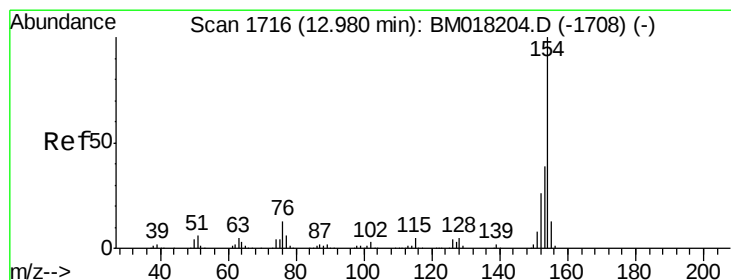
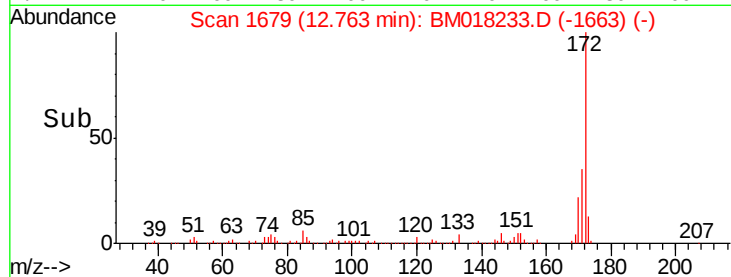
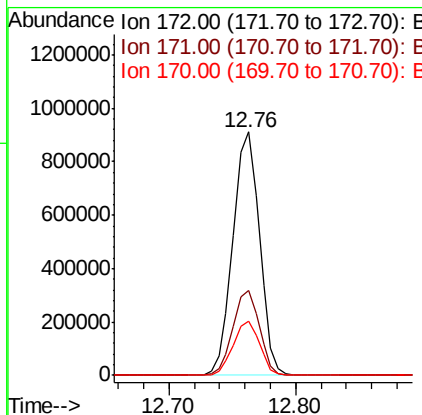
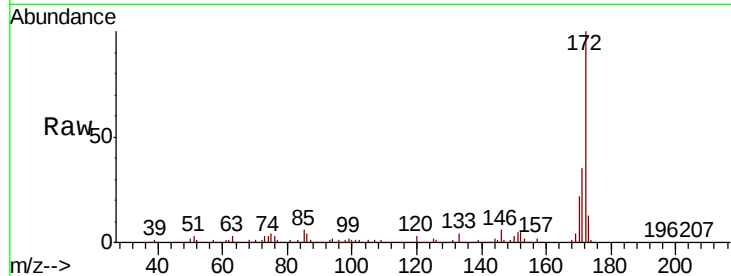


#45
 2-Fluorobiphenyl
 Concen: 66.639 ng
 RT: 12.76 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1321804

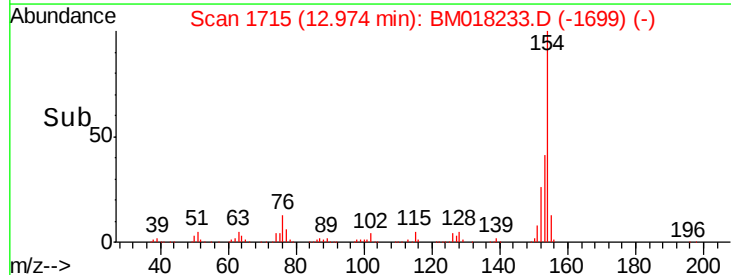
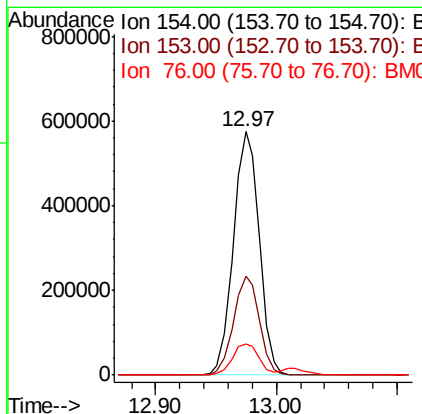
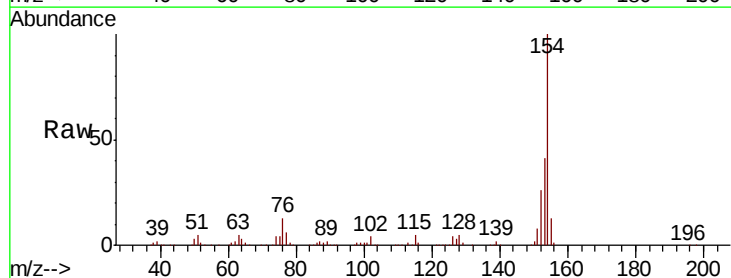
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	22.2	18.1	27.1

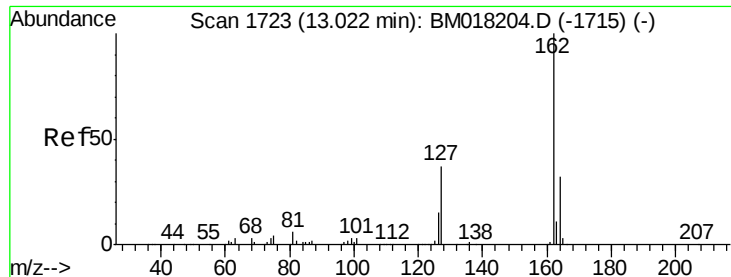


#46
 1,1'-Biphenyl
 Concen: 36.999 ng
 RT: 12.97 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion:154 Resp: 855160

Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.5	59.5
76	12.8	0.0	33.1

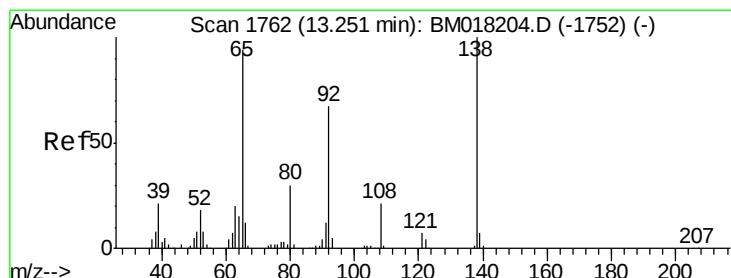
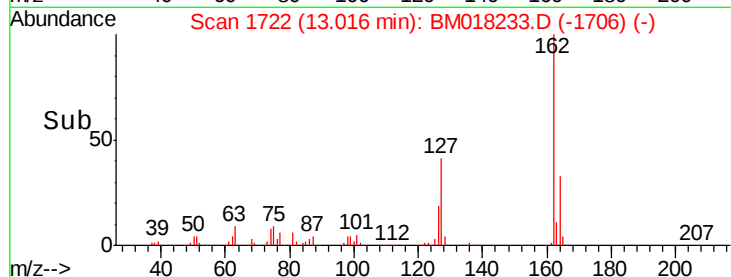
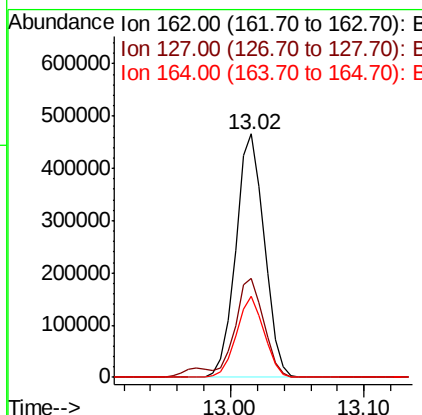
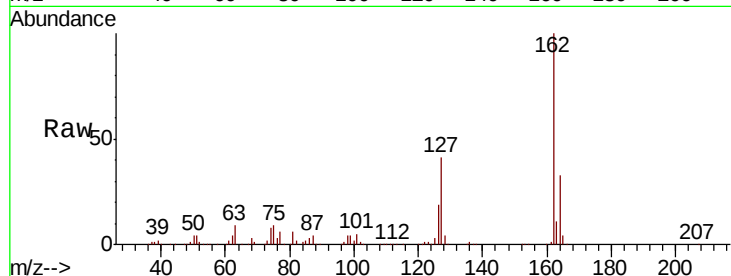




#47
2-Chloronaphthalene
Concen: 40.463 ng
RT: 13.02 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

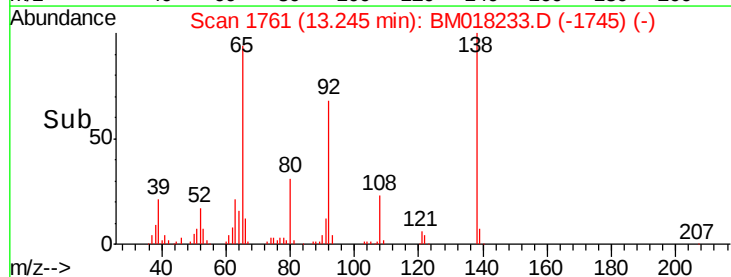
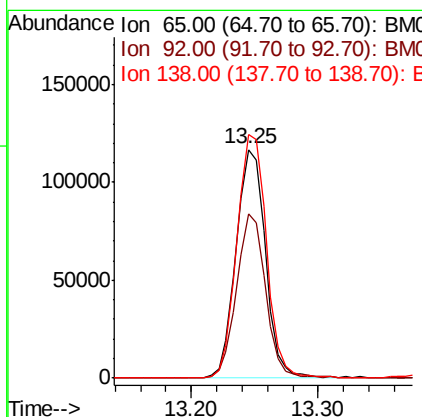
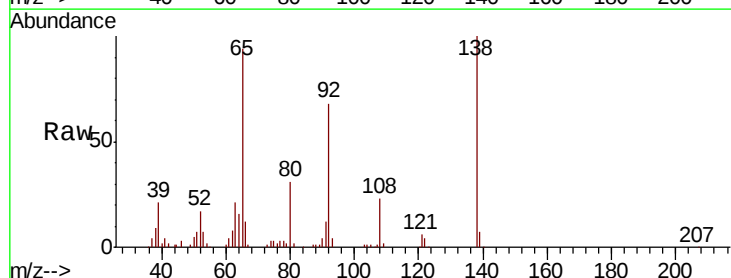
Instrument :
BNA_M
ClientSampleId :

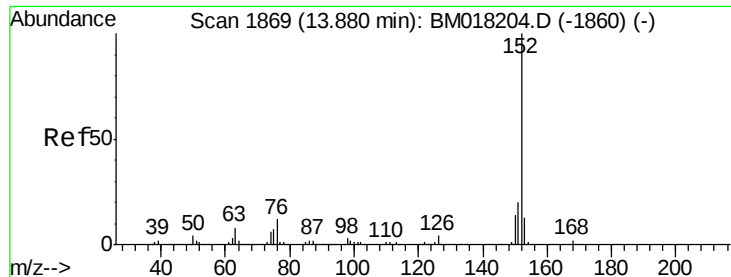
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	31.8	47.8
164	33.0	25.9	38.9



#48
2-Nitroaniline
Concen: 35.880 ng
RT: 13.25 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	56.8	85.2
138	106.4	85.1	127.7





#49

Acenaphthylene

Concen: 41.141 ng

RT: 13.87 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampleId :

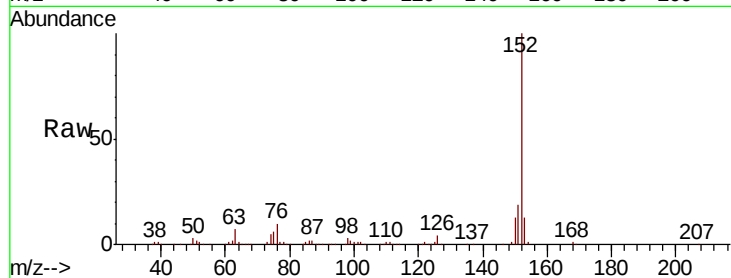
Tot Ion:152 Resp: 1054689

Ion Ratio Lower Upper

152 100

151 18.8 16.0 24.0

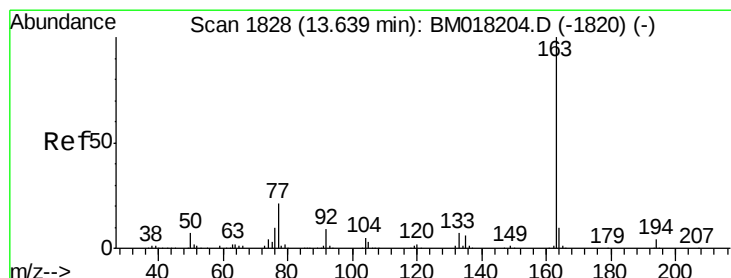
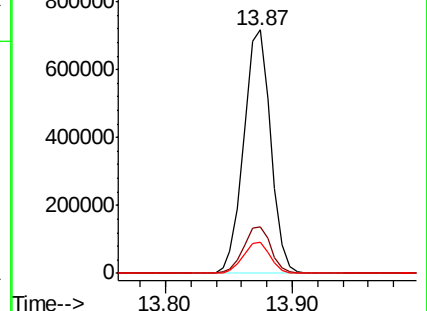
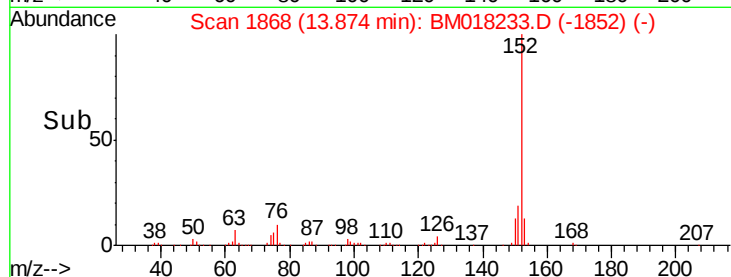
153 12.9 10.2 15.2



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: 41.205 ng

RT: 13.63 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

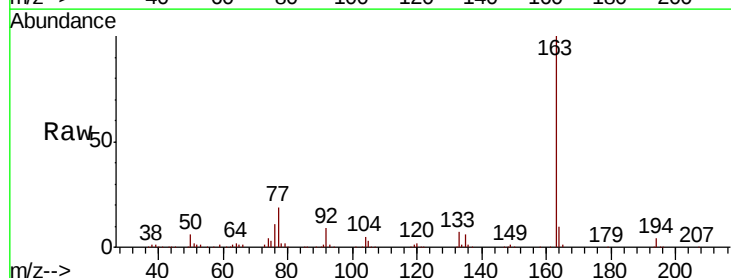
Tgt Ion:163 Resp: 880108

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

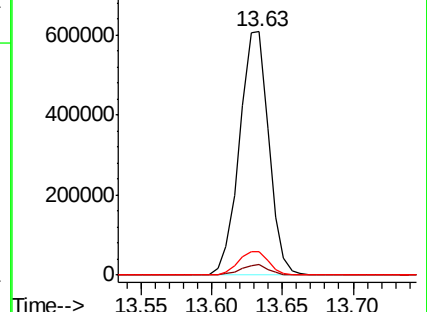
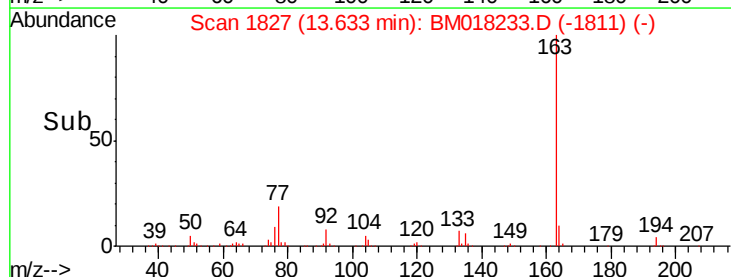
164 9.6 7.9 11.9

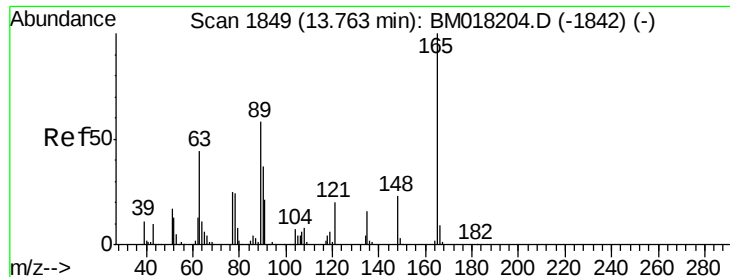


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

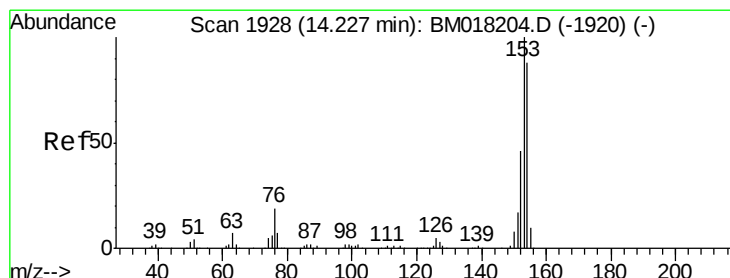
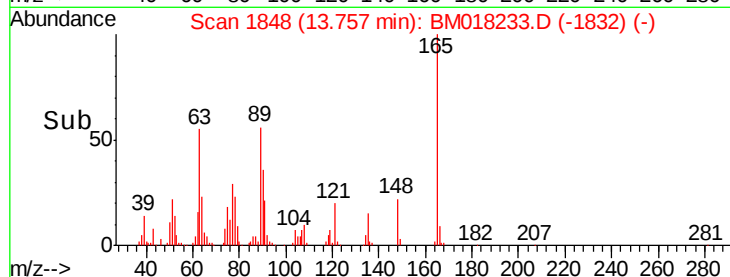
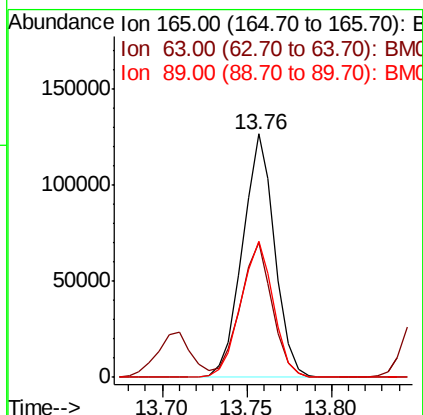
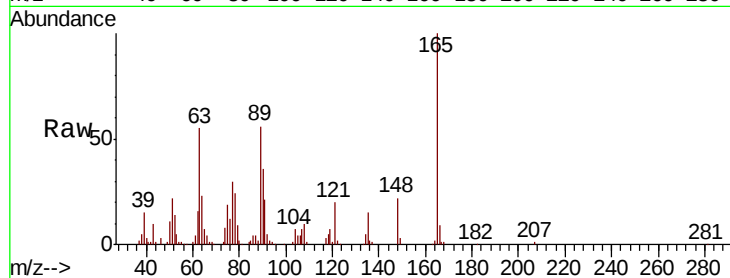




#51
2,6-Dinitrotoluene
Concen: 35.699 ng
RT: 13.76 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

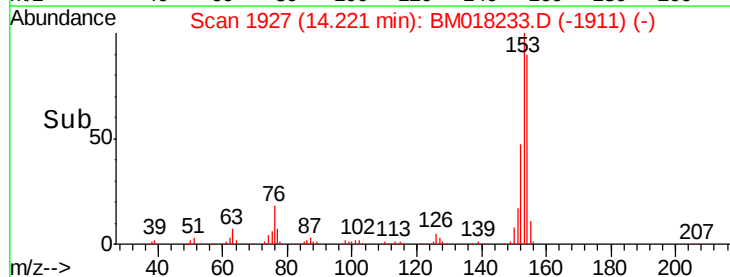
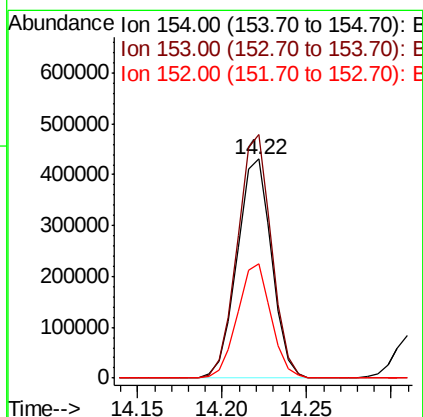
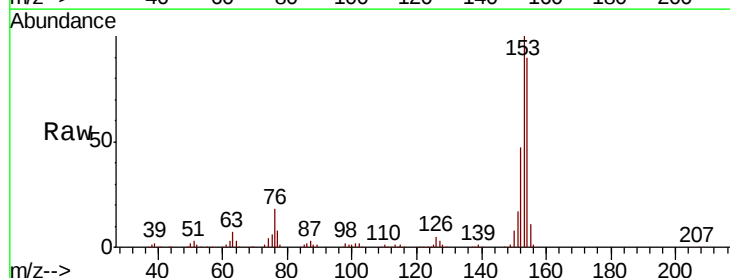
Instrument :
BNA_M
ClientSampleId :

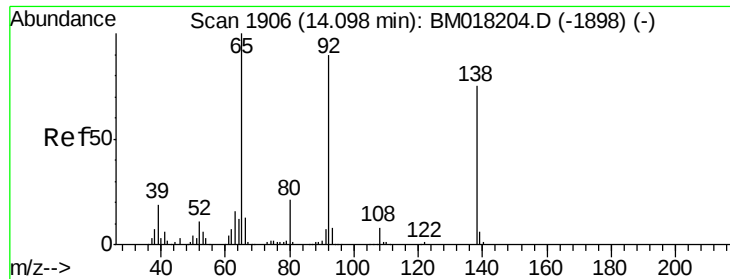
Tot Ion:165 Resp: 167620
Ion Ratio Lower Upper
165 100
63 55.3 46.6 69.8
89 56.0 46.3 69.5



#52
Acenaphthene
Concen: 39.125 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion:154 Resp: 612967
Ion Ratio Lower Upper
154 100
153 111.0 90.4 135.6
152 51.9 41.2 61.8





#53

3-Nitroaniline

Concen: 19.291 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampleId :

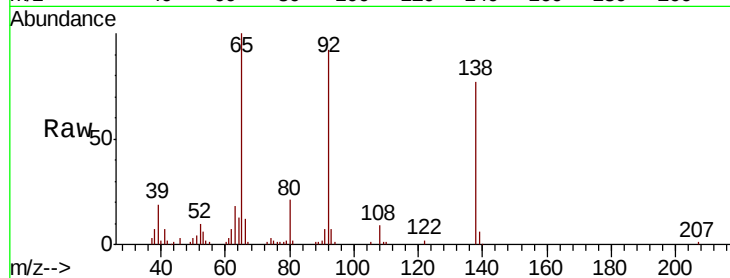
Tot Ion:138 Resp: 95323

Ion Ratio Lower Upper

138 100

108 11.0 8.4 12.6

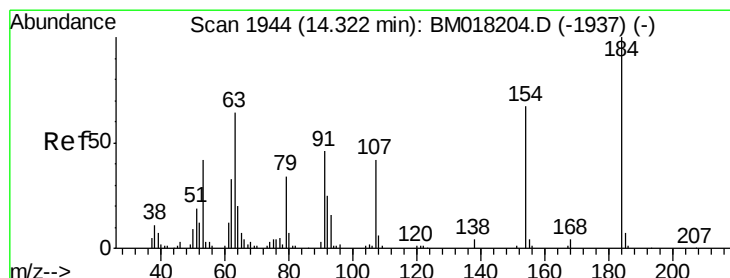
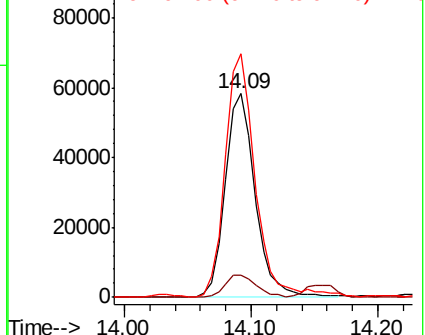
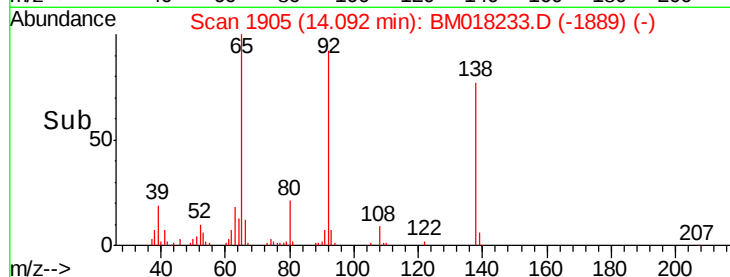
92 119.5 94.9 142.3



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: 73.691 ng

RT: 14.31 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

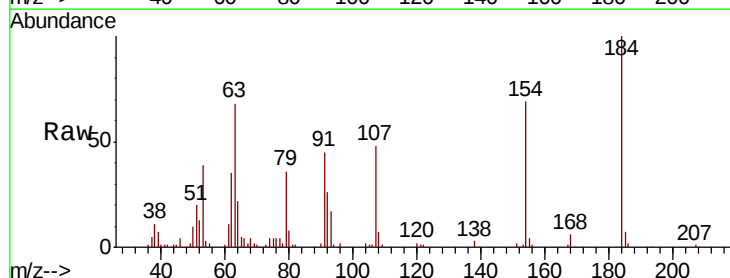
Tgt Ion:184 Resp: 190869

Ion Ratio Lower Upper

184 100

63 68.0 51.6 77.4

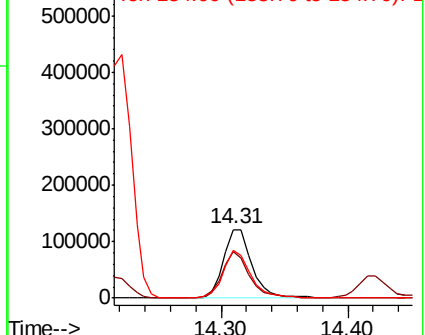
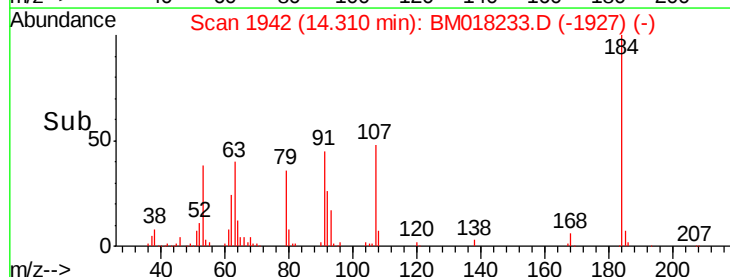
154 68.7 54.0 81.0

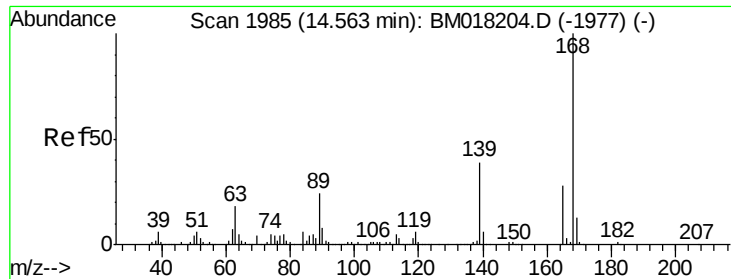


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 37.294 ng

RT: 14.56 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampleId :

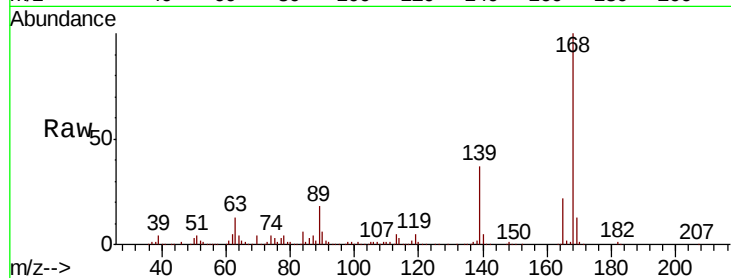
Tot Ion:168 Resp: 938846

Ion Ratio Lower Upper

168 100

139 37.0 31.2 46.8

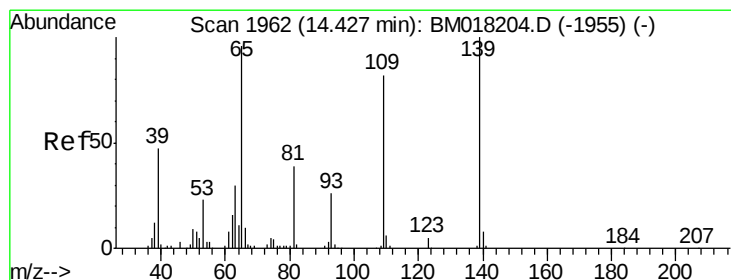
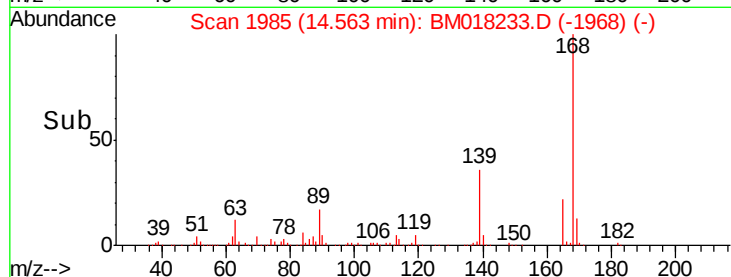
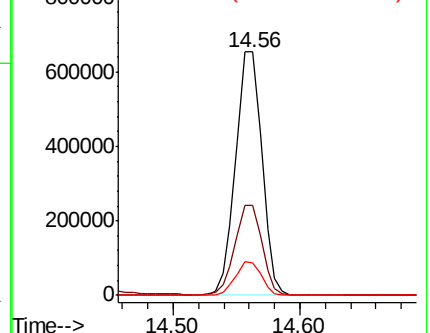
169 13.2 10.4 15.6



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: 61.244 ng

RT: 14.42 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

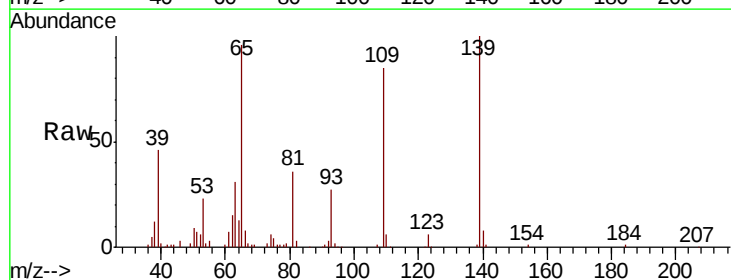
Tgt Ion:139 Resp: 229442

Ion Ratio Lower Upper

139 100

109 85.4 62.3 102.3

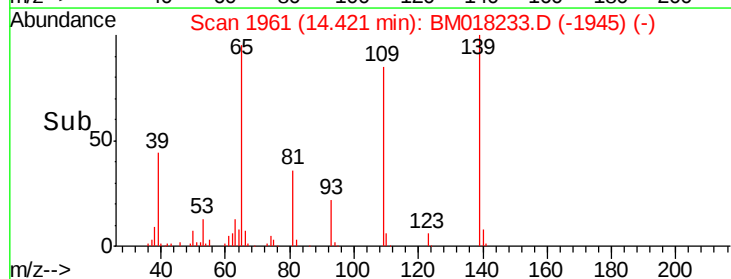
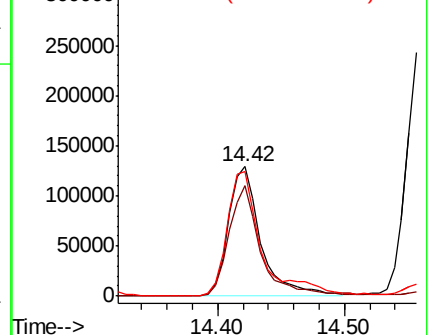
65 96.5 76.4 116.4

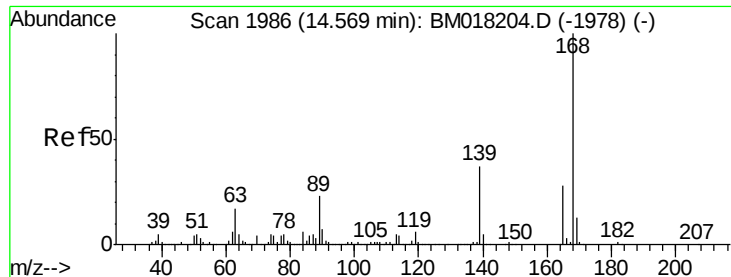


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

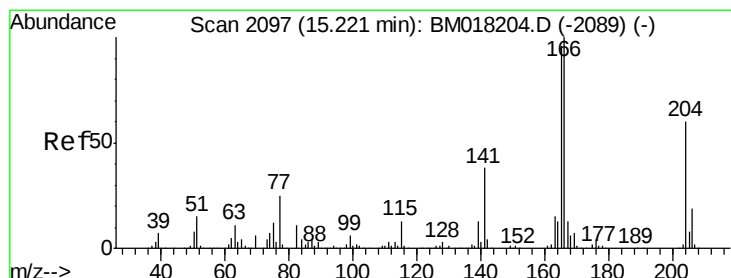
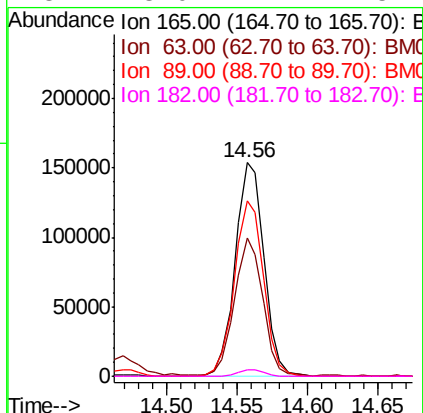
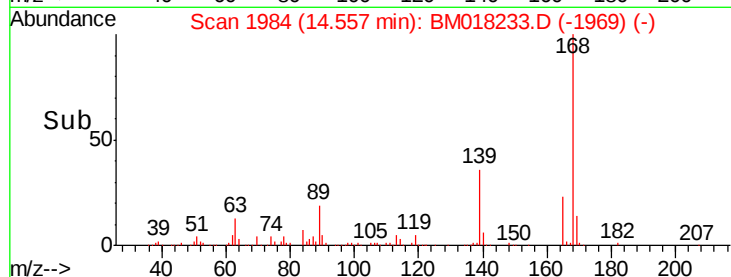
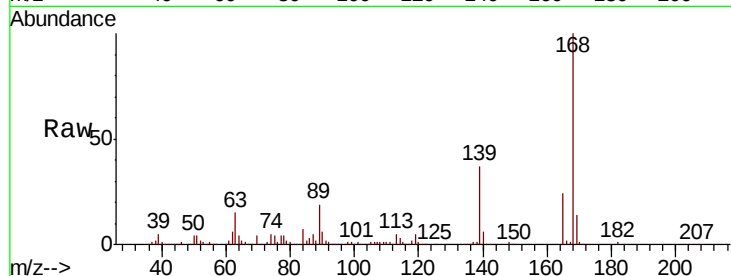




#57
2,4-Dinitrotoluene
Concen: 33.591 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

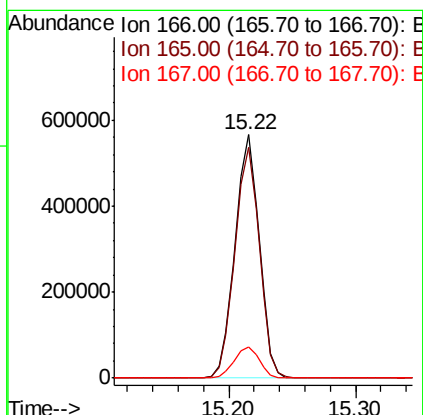
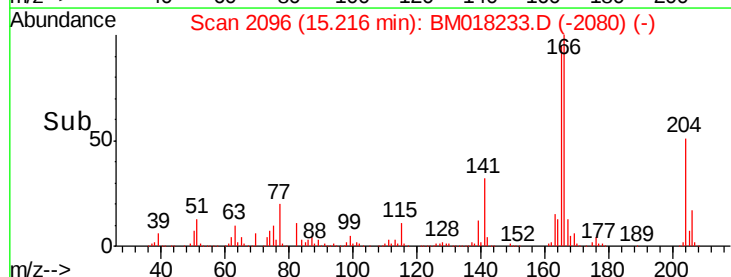
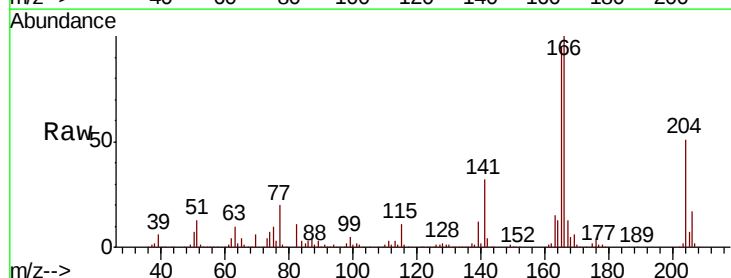
Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 218013
Ion Ratio Lower Upper
165 100
63 64.9 47.2 70.8
89 82.1 65.8 98.8
182 3.0 2.2 3.4



#58
Fluorene
Concen: 38.339 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion:166 Resp: 745423
Ion Ratio Lower Upper
166 100
165 94.8 76.9 115.3
167 12.8 10.5 15.7

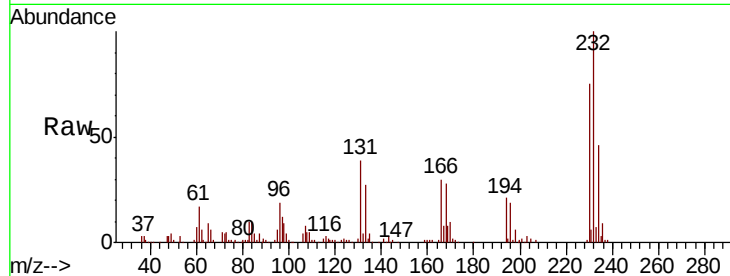




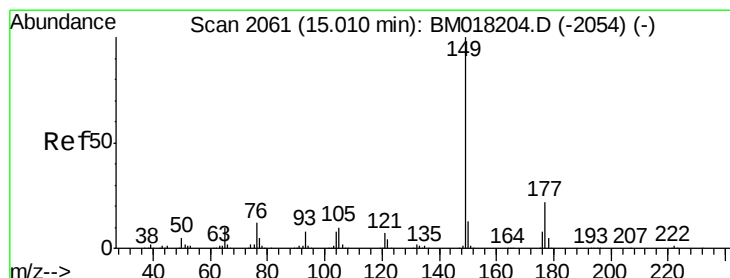
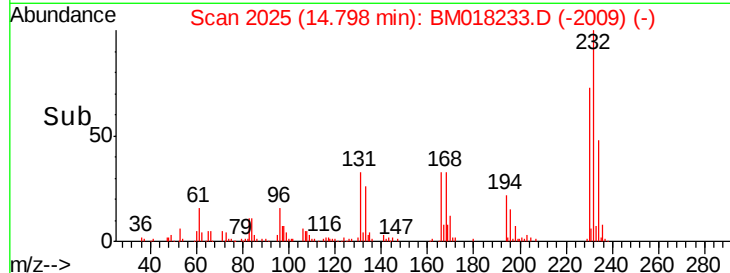
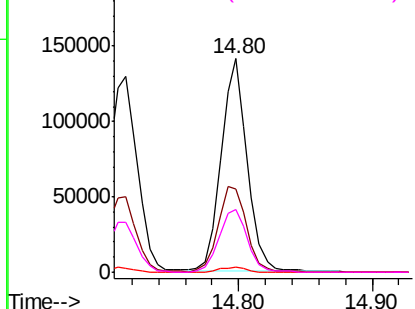
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.554 ng
 RT: 14.80 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232	Resp:	193157
Ion Ratio	Lower	Upper
232	100	
131	44.6	36.2 54.2
130	2.4	1.8 2.6
166	32.4	24.8 37.2

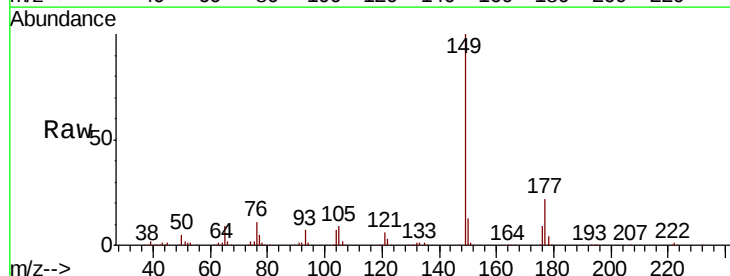


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

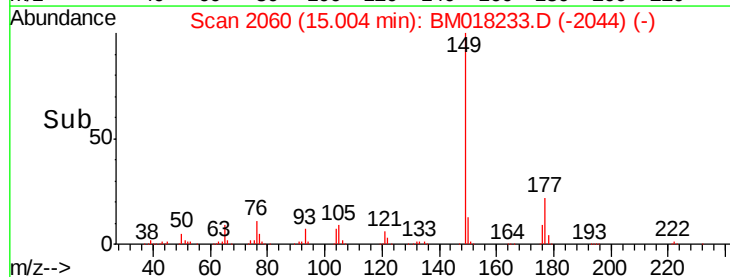
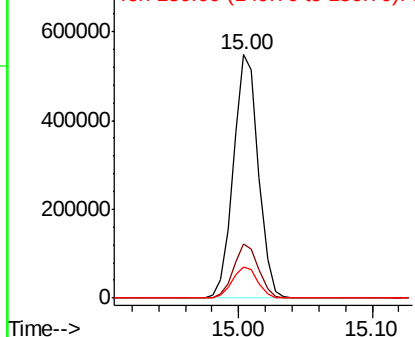


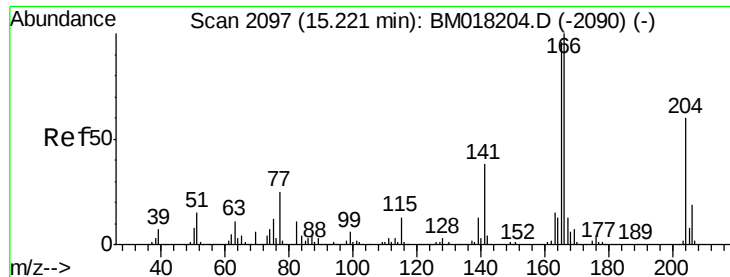
#60
 Diethylphthalate
 Concen: 30.954 ng
 RT: 15.00 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion:149	Resp:	713497
Ion Ratio	Lower	Upper
149	100	
177	22.2	17.8 26.8
150	12.8	10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

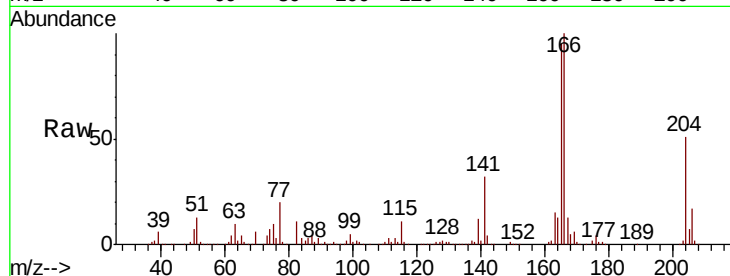




#61
 4-Chlorophenyl-phenylether
 Concen: 34.475 ng
 RT: 15.22 min Scan# 2096
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.8	38.6
141	62.2	50.2	75.4

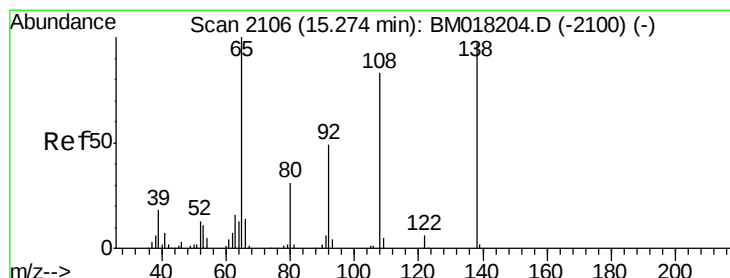
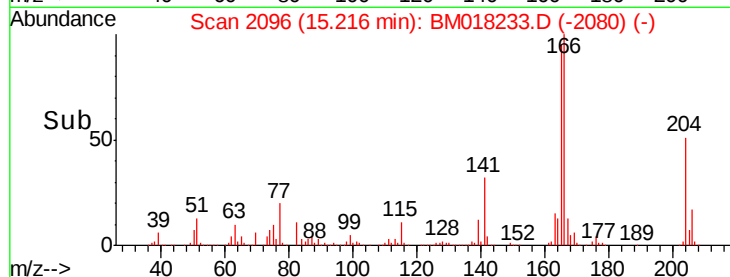
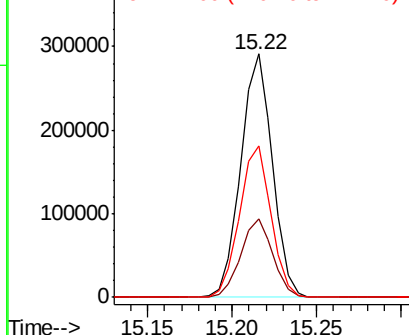


Abundance

Ion 204.00 (203.70 to 204.70): E

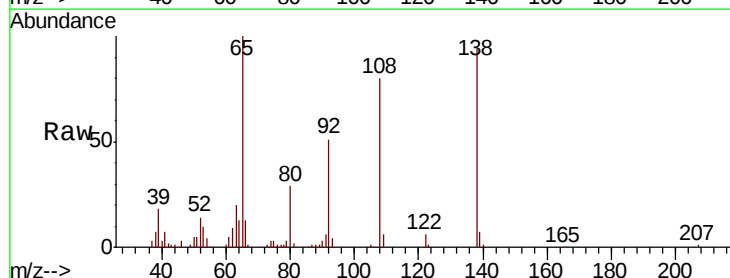
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 28.260 ng
 RT: 15.27 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.3	31.1	71.1
108	85.2	65.0	105.0

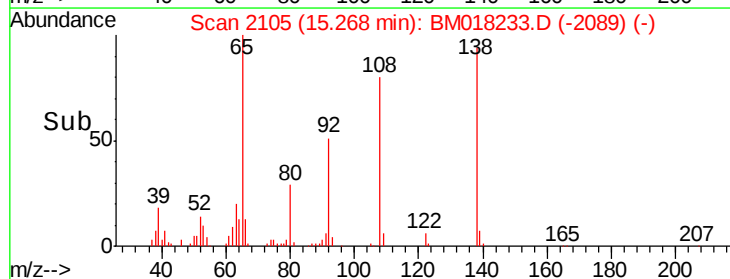
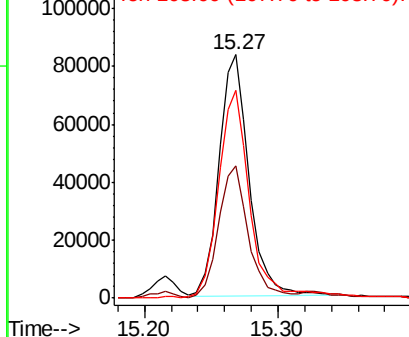


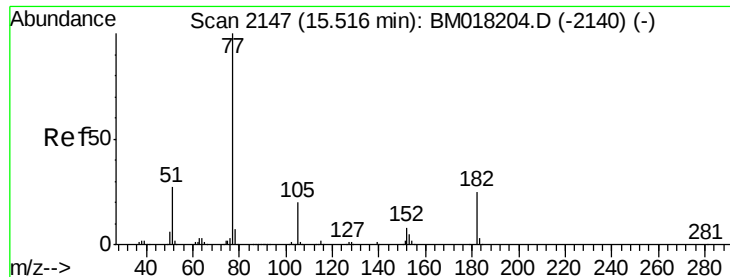
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): E

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 31.568 ng

RT: 15.51 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 663483

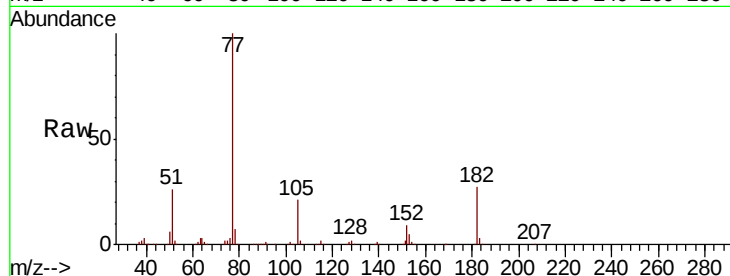
Ion Ratio Lower Upper

77 100

182 26.5 4.6 44.6

105 20.9 0.2 40.2

51 25.5 7.0 47.0

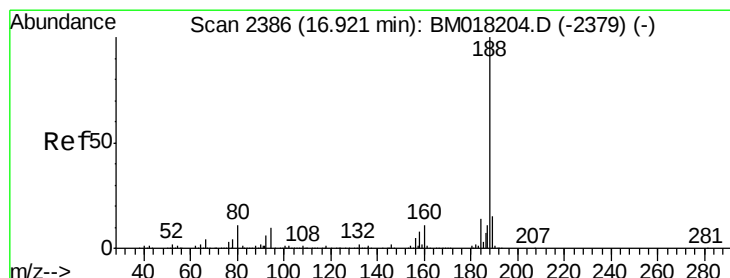
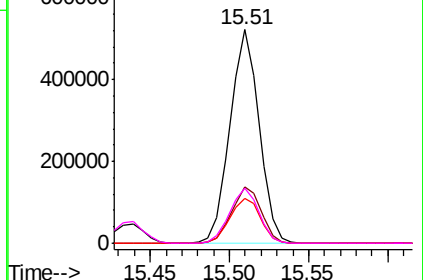
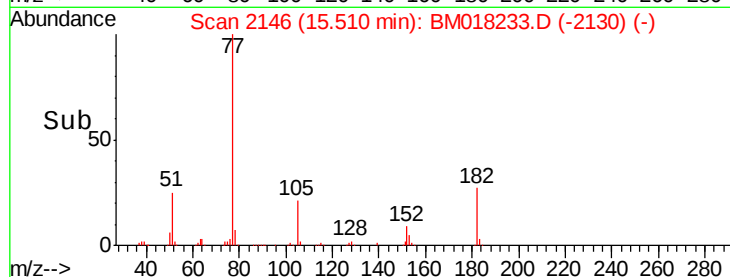


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

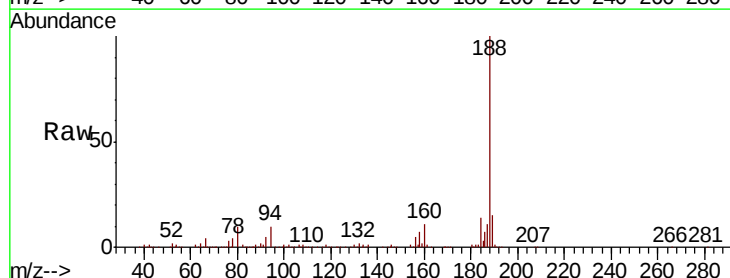
Tgt Ion: 188 Resp: 466508

Ion Ratio Lower Upper

188 100

94 9.5 8.0 12.0

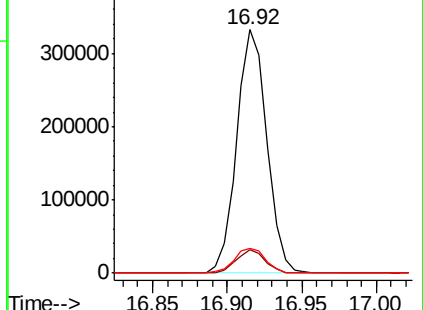
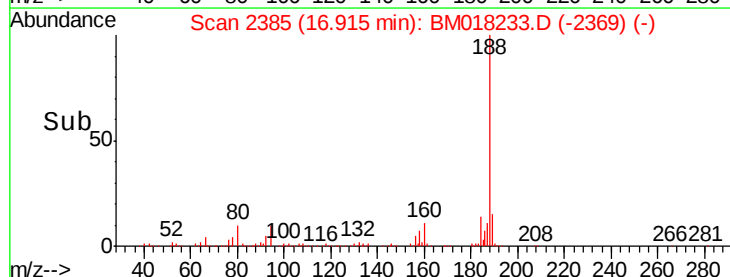
80 10.4 9.0 13.6

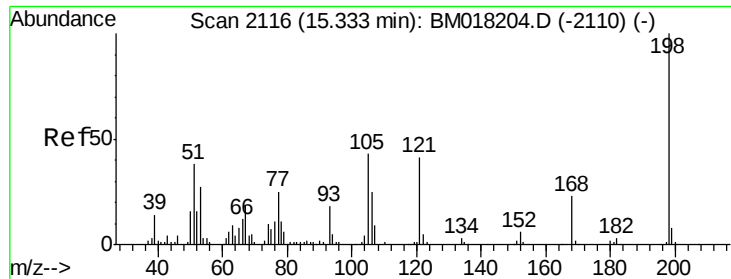


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

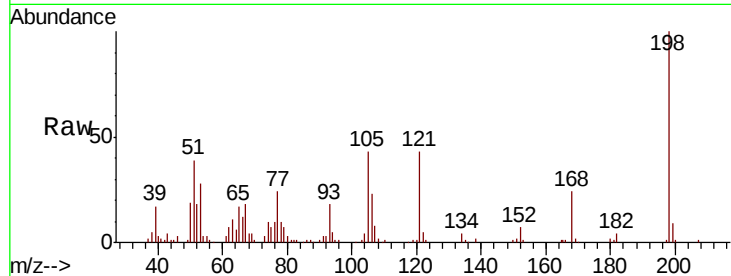




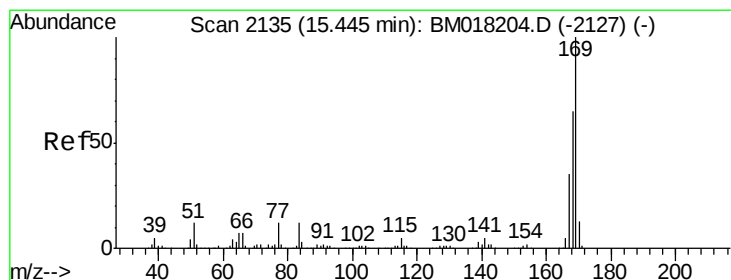
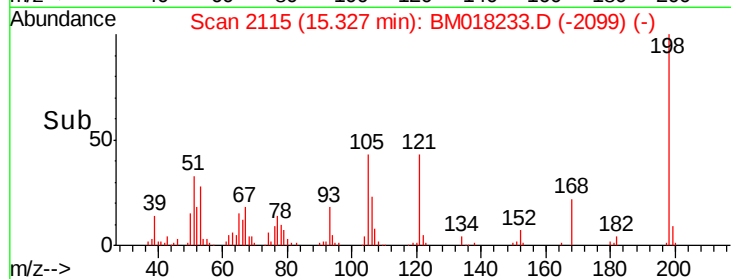
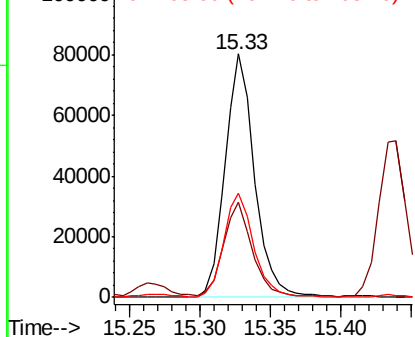
#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.917 ng
 RT: 15.33 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:198 Resp: 116482
 Ion Ratio Lower Upper
 198 100
 51 38.9 18.6 58.6
 105 42.9 22.9 62.9

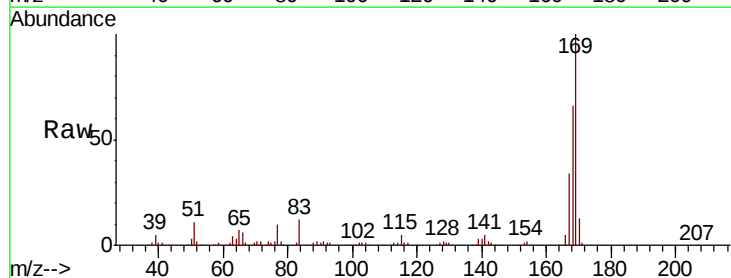


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

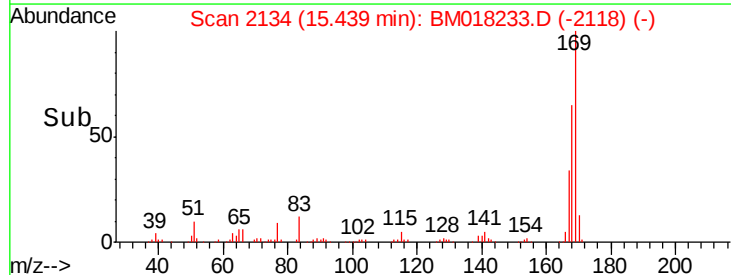
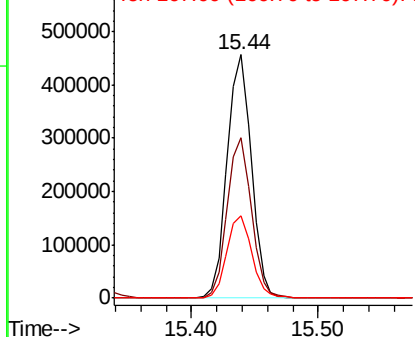


#66
 n-Nitrosodiphenylamine
 Concen: 38.945 ng
 RT: 15.44 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion:169 Resp: 600788
 Ion Ratio Lower Upper
 169 100
 168 65.7 52.2 78.4
 167 33.9 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

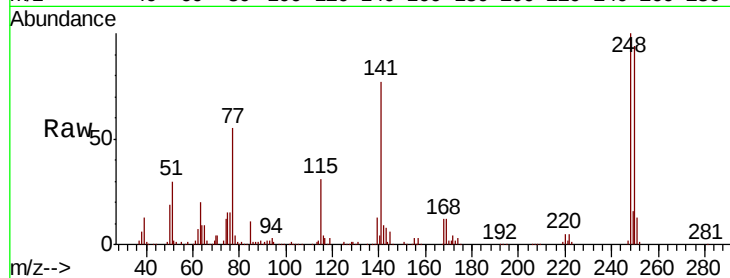




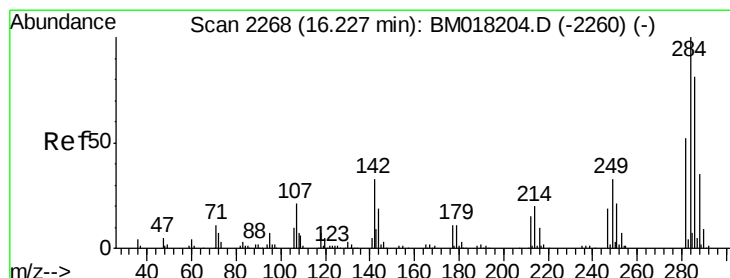
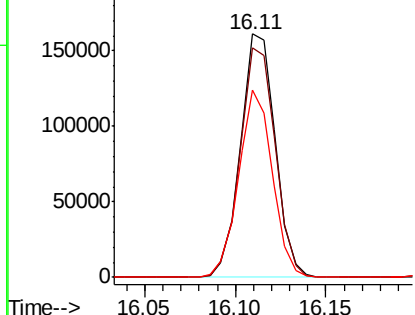
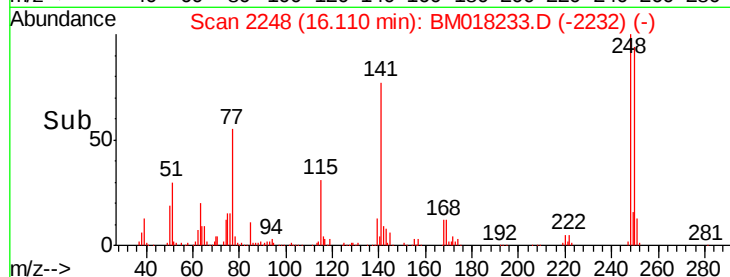
#67
4-Bromophenyl-phenylether
Concen: 37.935 ng
RT: 16.11 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 214328
Ion Ratio Lower Upper
248 100
250 94.3 78.7 118.1
141 76.8 62.2 93.4

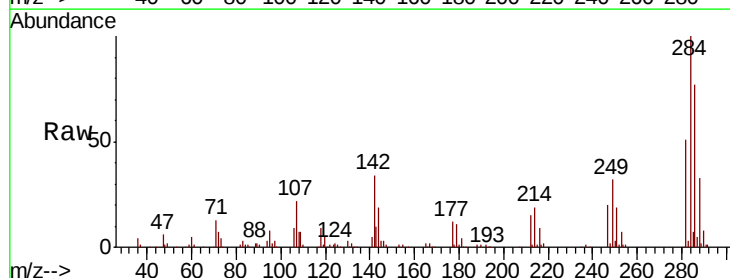


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

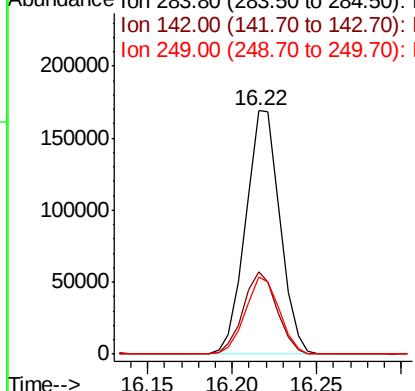
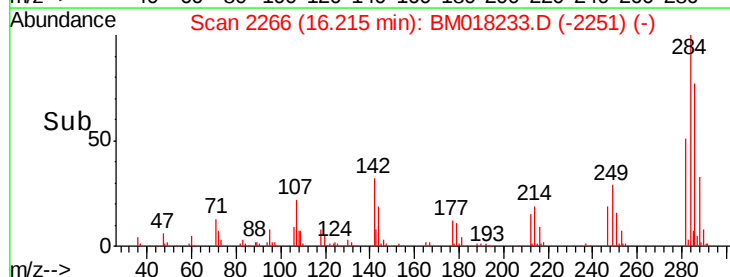


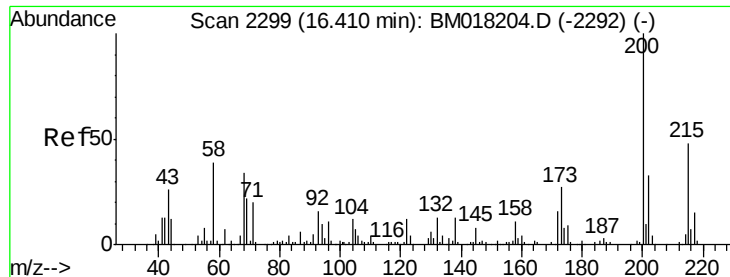
#68
Hexachlorobenzene
Concen: 38.706 ng
RT: 16.22 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion:284 Resp: 239572
Ion Ratio Lower Upper
284 100
142 33.9 26.2 39.4
249 32.0 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

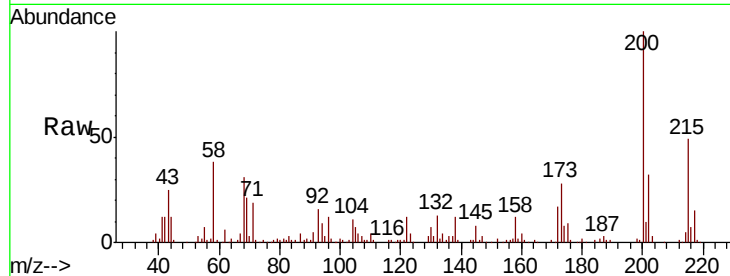




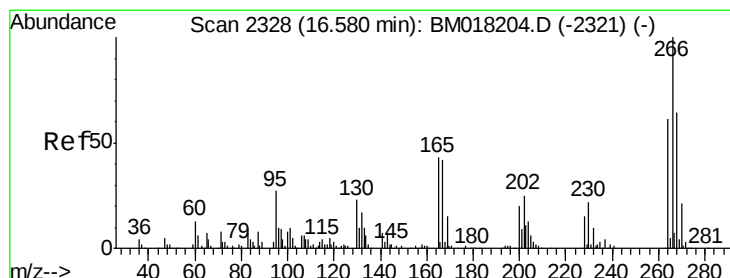
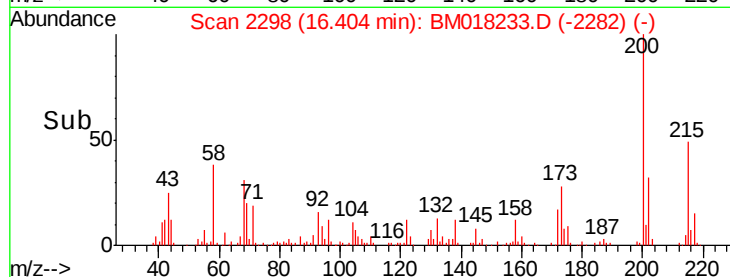
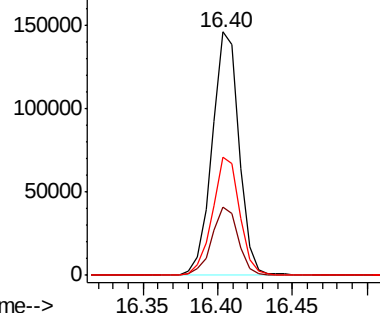
#69
Atrazine
Concen: 35.214 ng
RT: 16.40 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	6.9	46.9
215	48.7	27.9	67.9

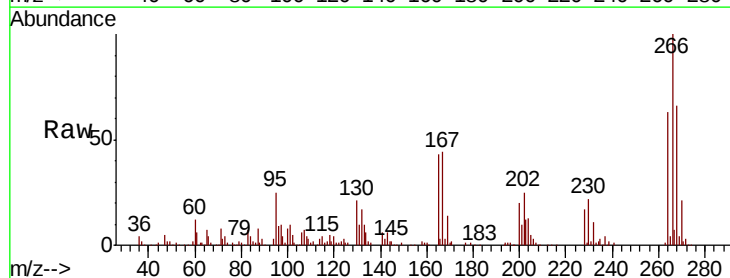


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

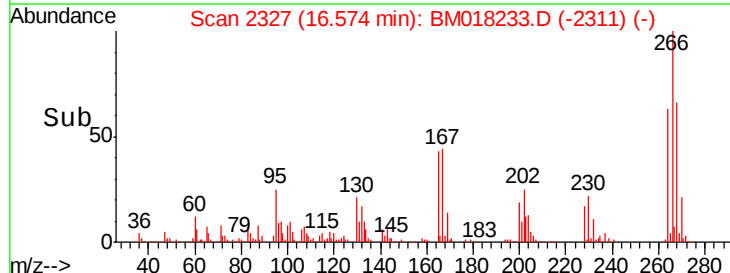
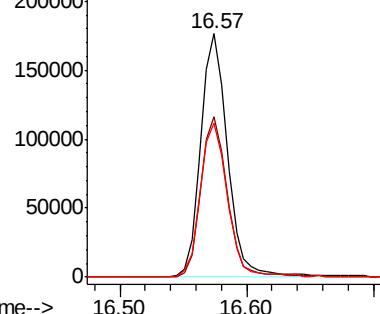


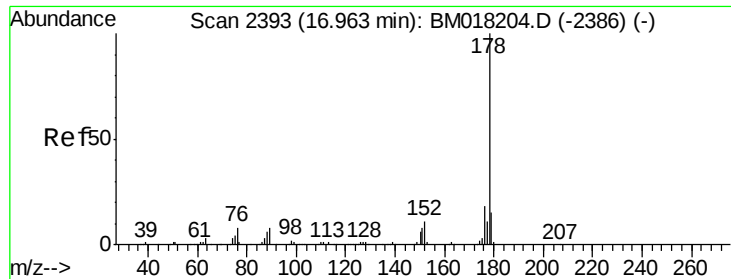
#70
Pentachlorophenol
Concen: 63.042 ng
RT: 16.57 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	51.1	76.7
264	63.0	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

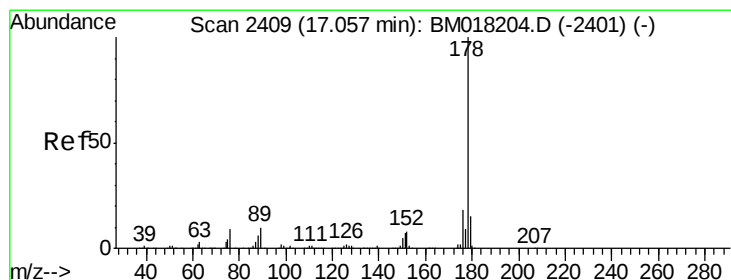
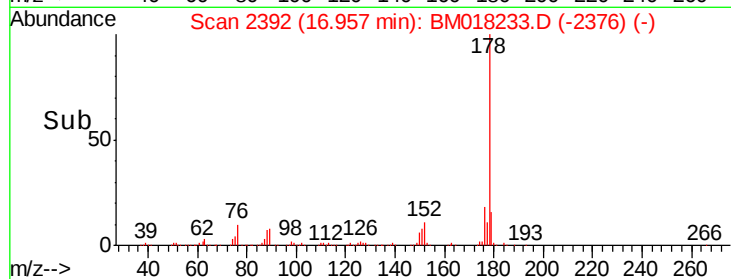
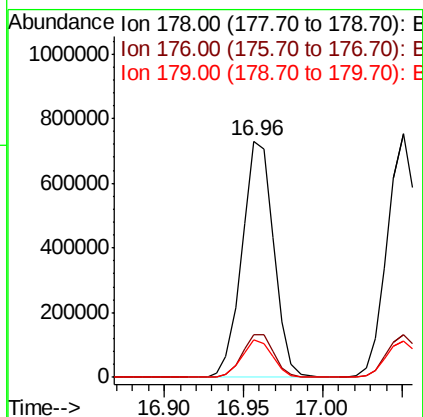
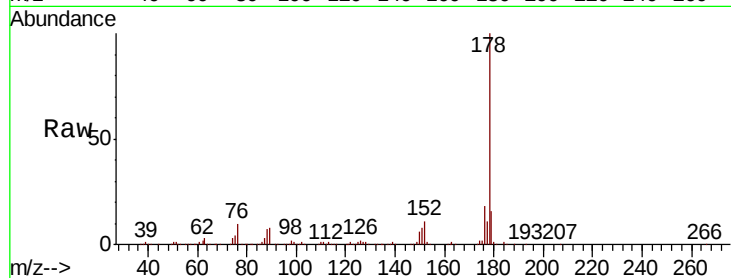




#71
Phenanthrene
Concen: 39.991 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

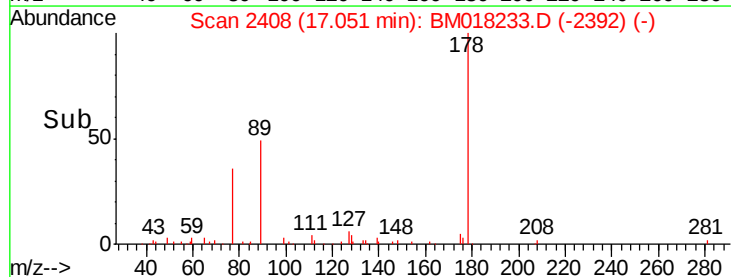
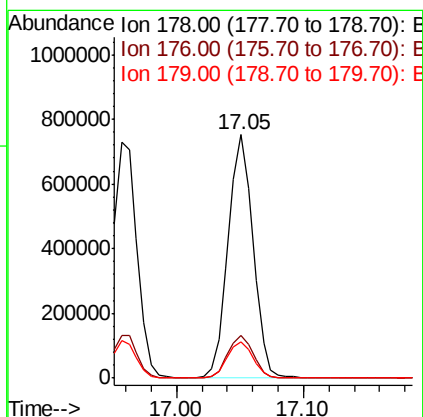
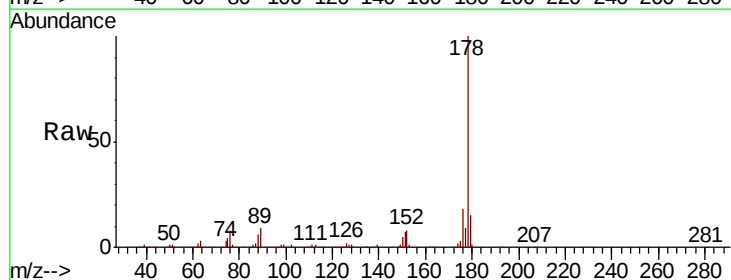
Instrument :
BNA_M
ClientSampleId :

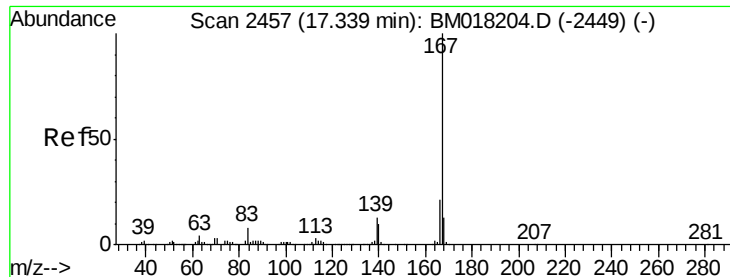
Tot Ion:178 Resp: 1013354
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.8 12.0 18.0



#72
Anthracene
Concen: 40.700 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion:178 Resp: 1023146
Ion Ratio Lower Upper
178 100
176 17.7 14.3 21.5
179 14.7 12.0 18.0

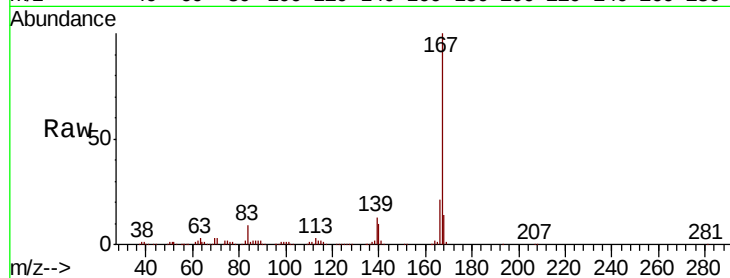




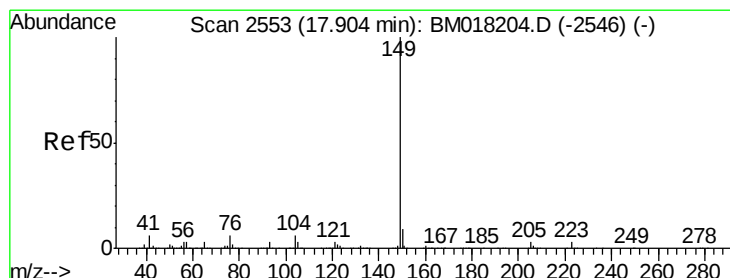
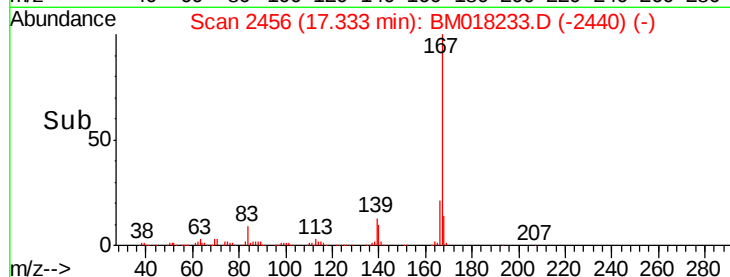
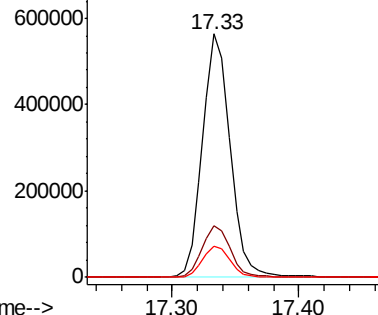
#73
 Carbazole
 Concen: 33.043 ng
 RT: 17.33 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 852584
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.8 25.2
 139 12.6 10.3 15.5

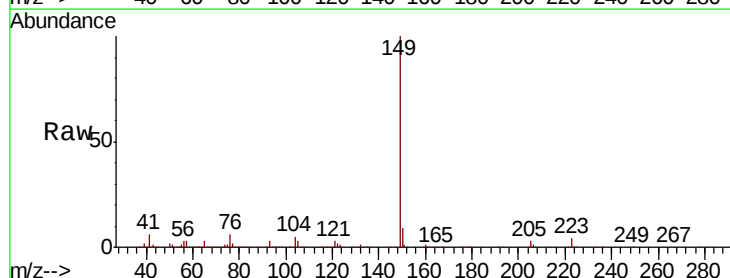


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

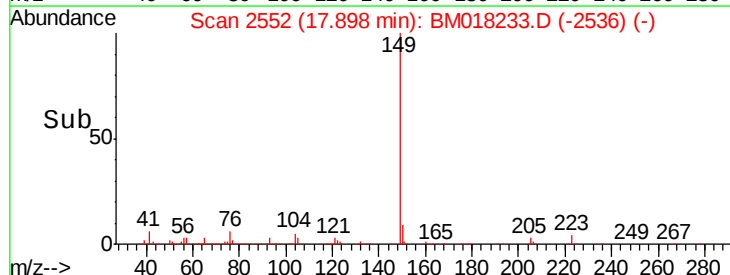
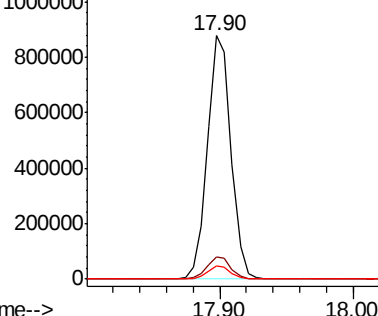


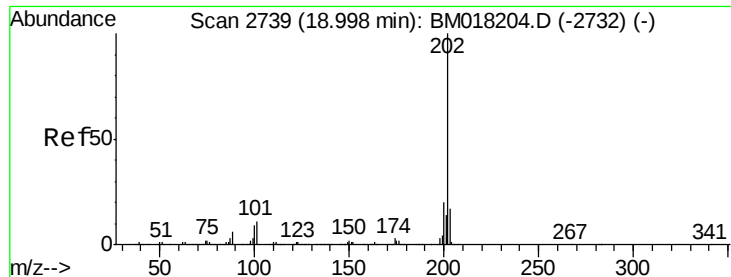
#74
 Di-n-butylphthalate
 Concen: 33.817 ng
 RT: 17.90 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion:149 Resp: 1076626
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.4 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 34.185 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampleId :

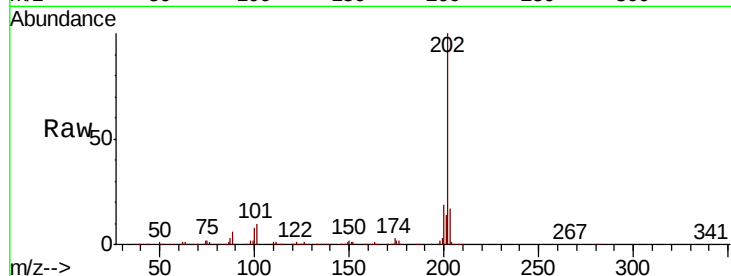
Tot Ion:202 Resp: 1007128

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.5

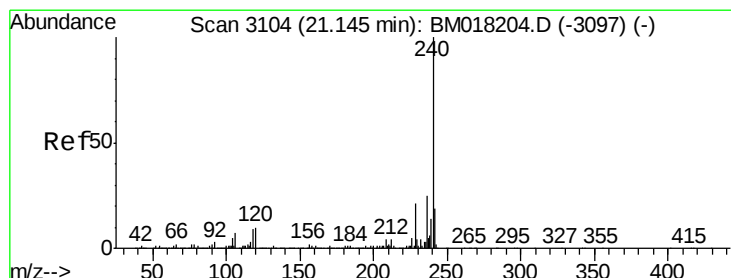
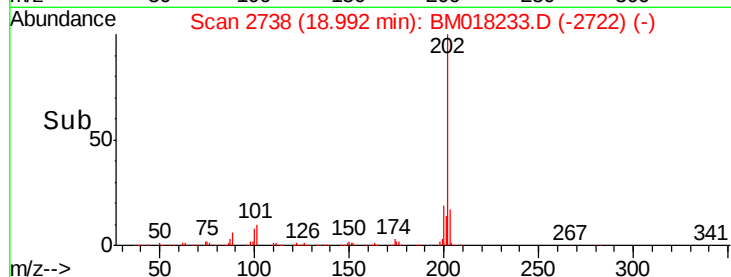
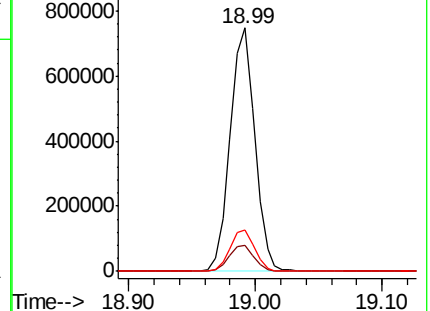
203 17.0 0.0 37.5



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: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

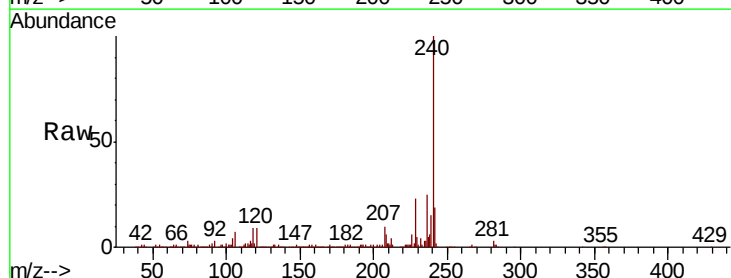
Tgt Ion:240 Resp: 386748

Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.2

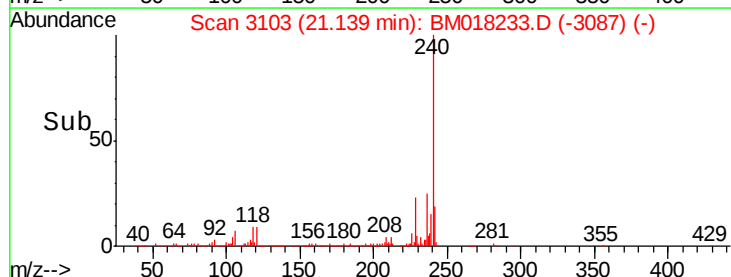
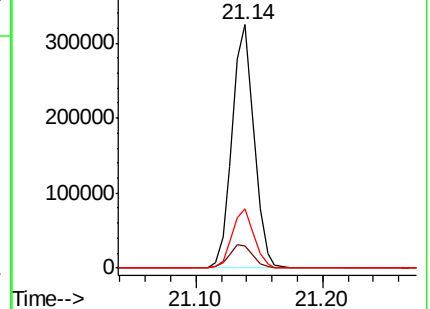
236 24.6 20.3 30.5

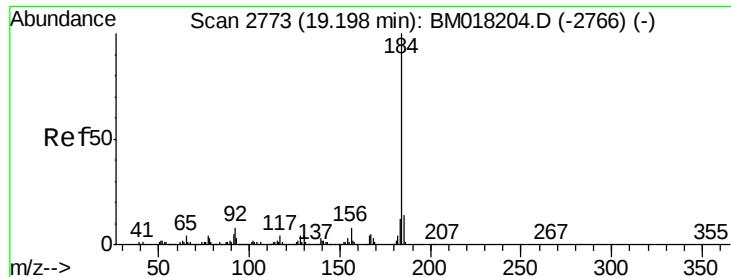


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.342 ng

RT: 19.20 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampleId :

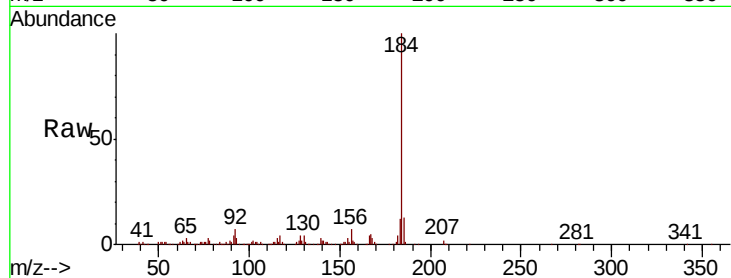
Tot Ion:184 Resp: 474103

Ion Ratio Lower Upper

184 100

185 13.3 11.4 17.2

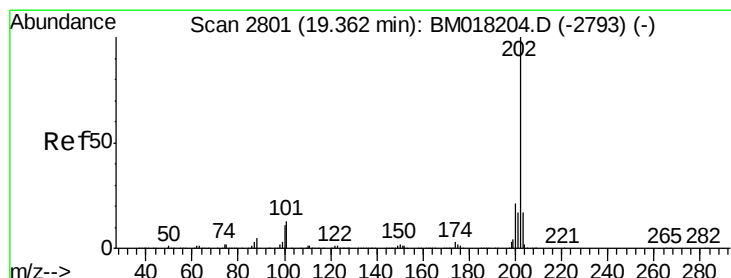
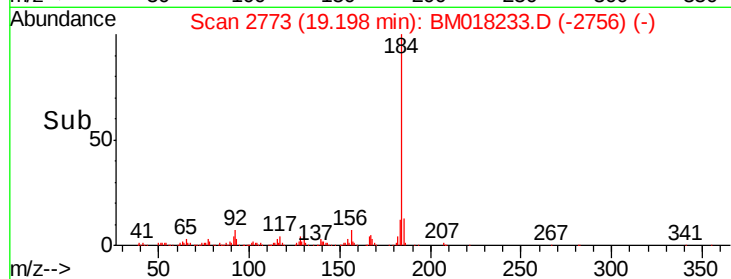
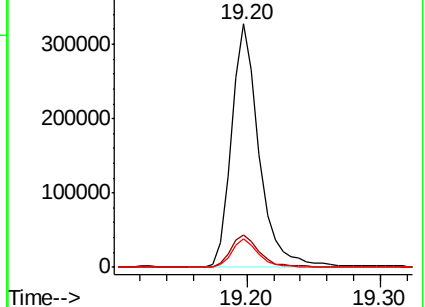
183 11.7 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.985 ng

RT: 19.36 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

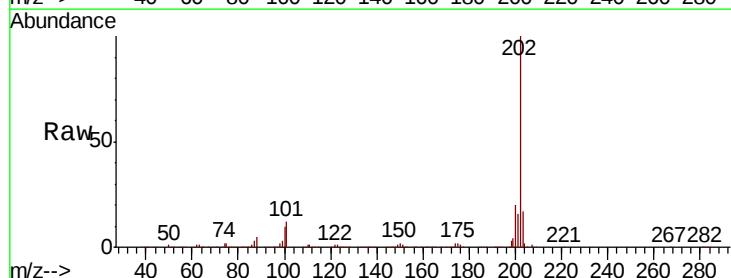
Tgt Ion:202 Resp: 967515

Ion Ratio Lower Upper

202 100

200 19.8 16.5 24.7

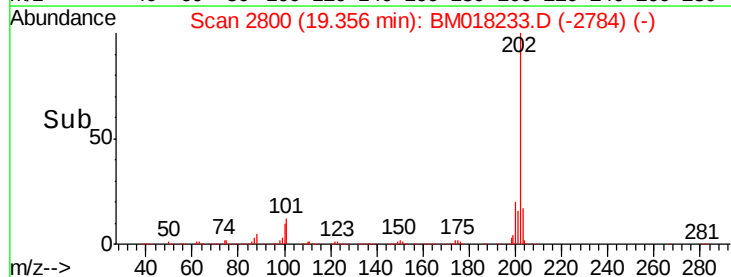
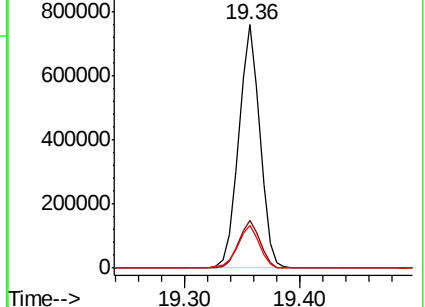
203 17.3 14.0 21.0

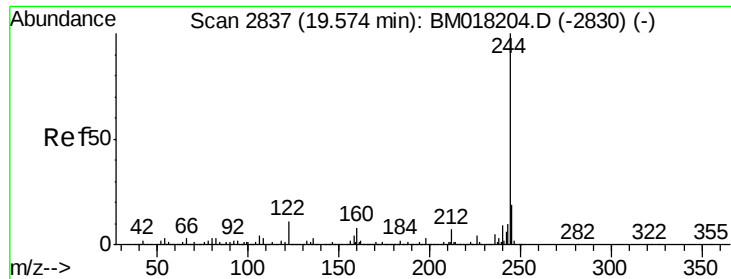


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.068 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

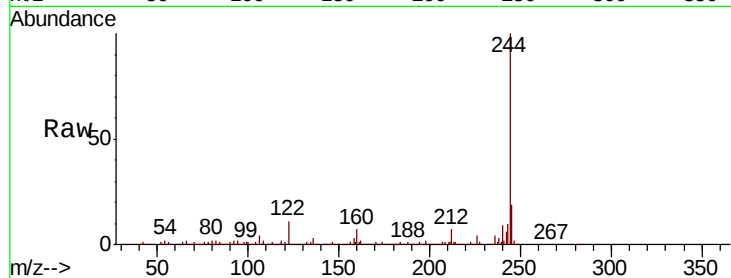
Instrument :

BNA_M

ClientSampled :

Tot Ion:244 Resp: 1061377

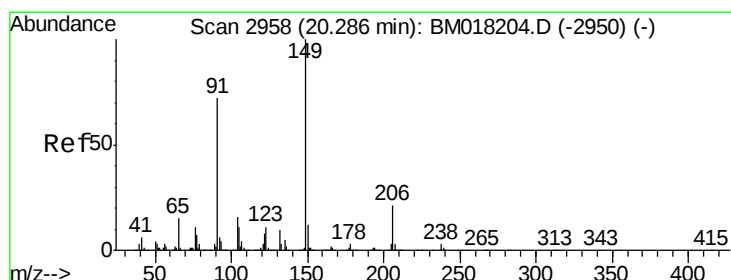
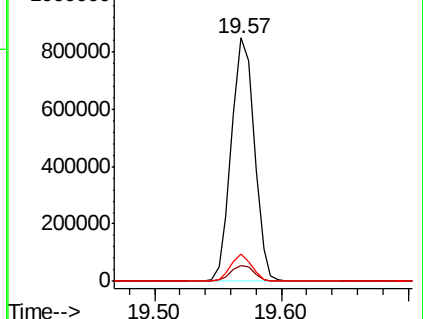
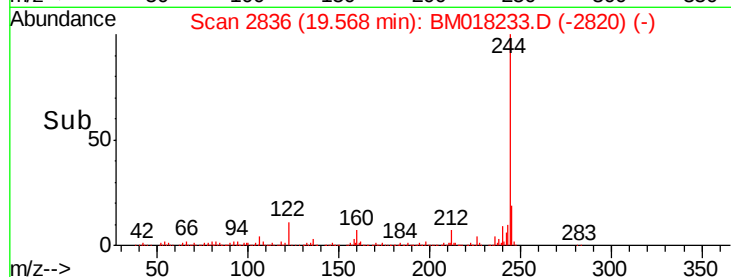
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	11.0	9.0	13.6



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: 35.792 ng

RT: 20.28 min Scan# 2957

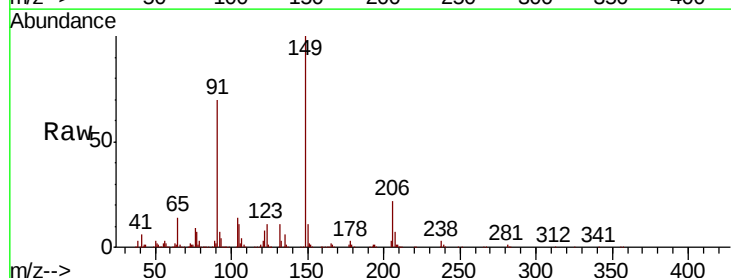
Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion:149 Resp: 392382

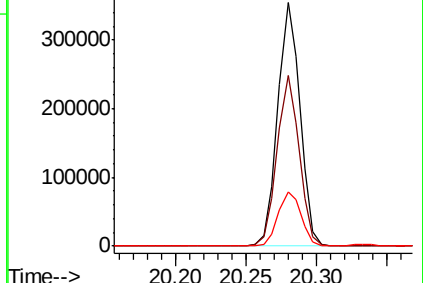
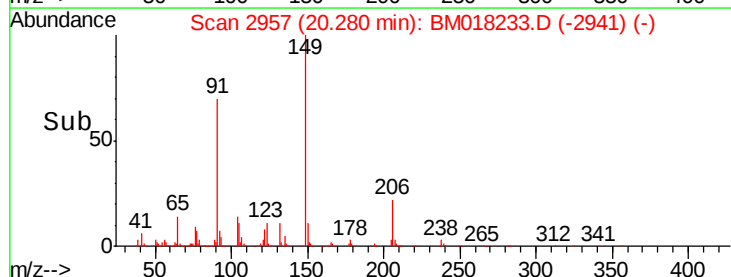
Ion	Ratio	Lower	Upper
149	100		
91	70.3	57.4	86.2
206	22.2	17.0	25.4

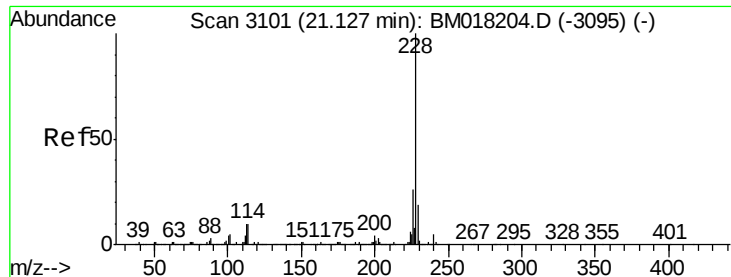


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.156 ng

RT: 21.12 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampled :

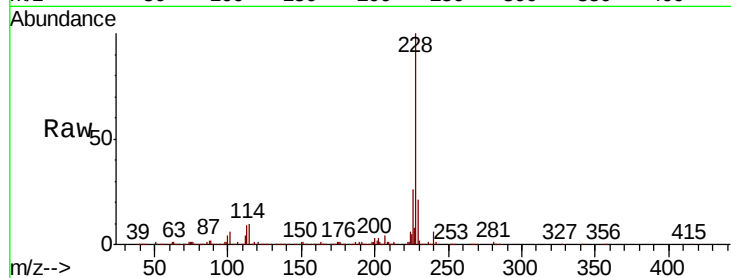
Tot Ion:228 Resp: 884613

Ion Ratio Lower Upper

228 100

226 26.1 21.0 31.4

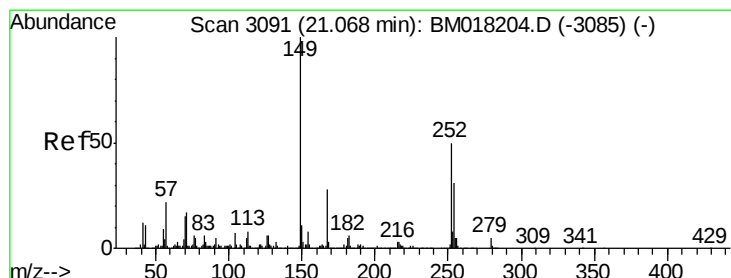
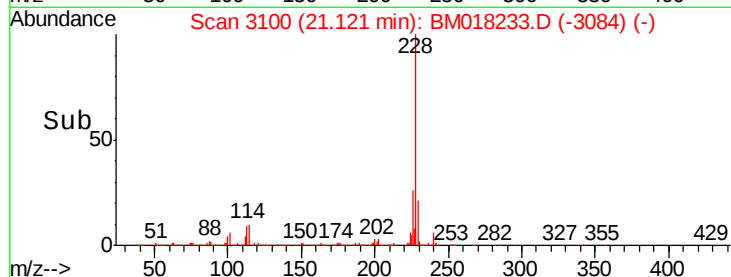
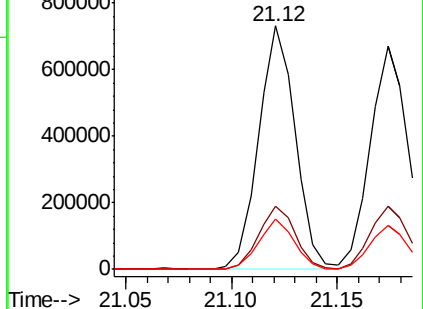
229 20.8 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.529 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

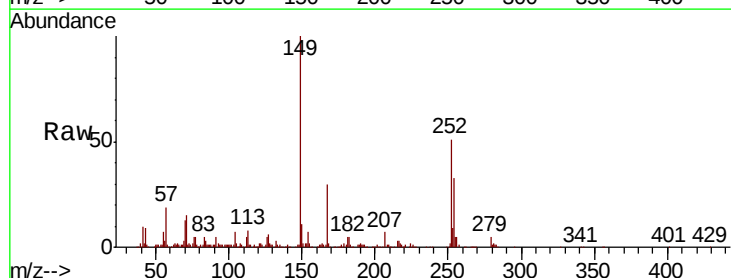
Tgt Ion:252 Resp: 248469

Ion Ratio Lower Upper

252 100

254 65.1 50.4 75.6

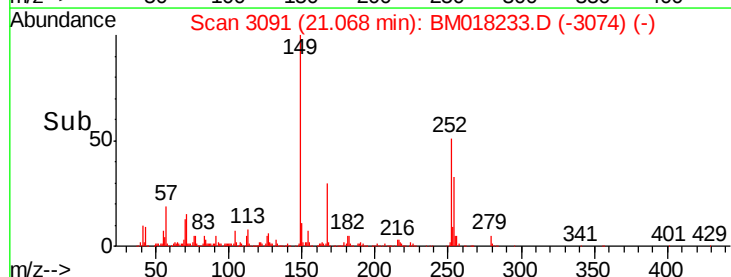
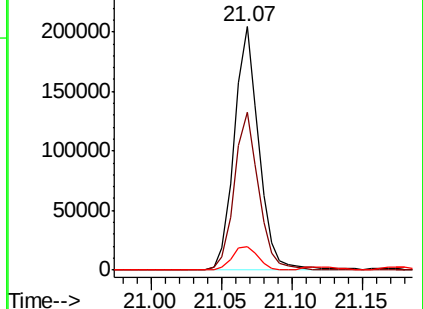
126 9.8 9.4 14.0

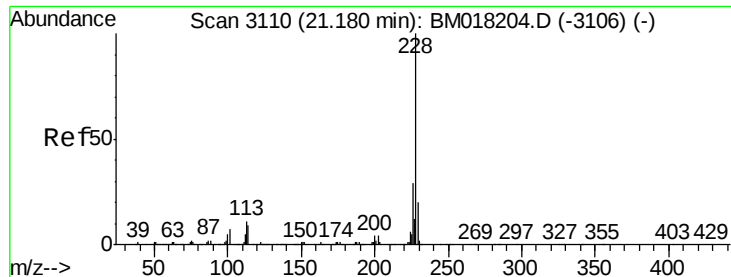


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

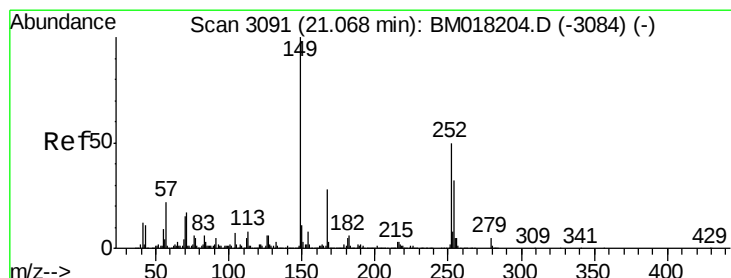
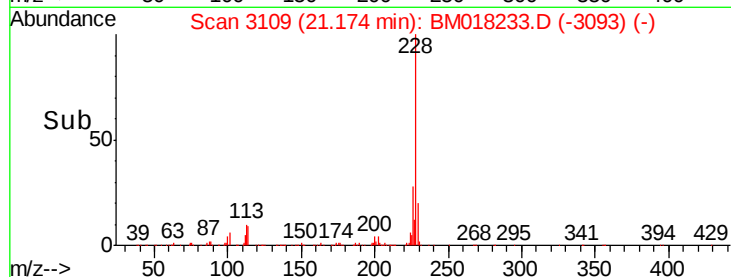
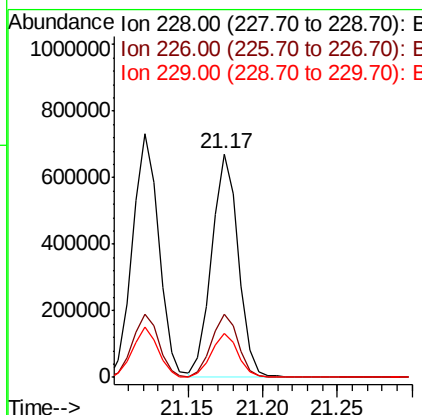
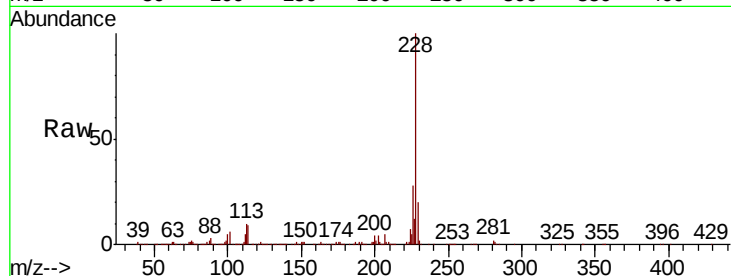




#83
Chrysene
Concen: 38.445 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

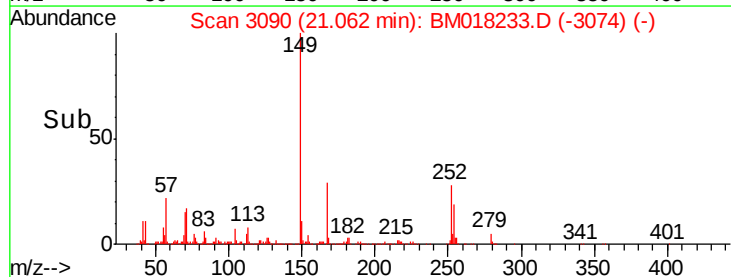
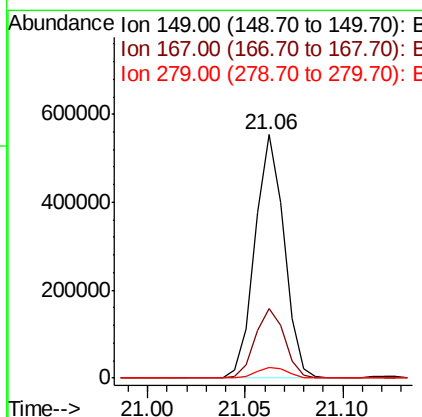
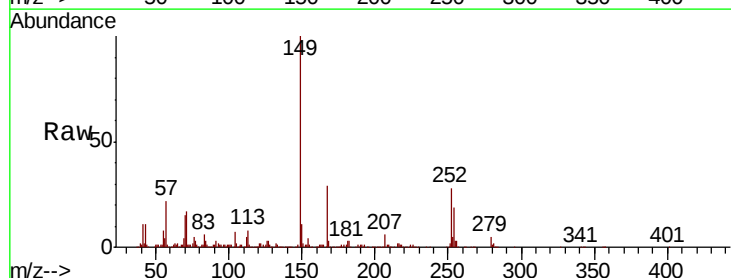
Instrument :
BNA_M
ClientSampled :

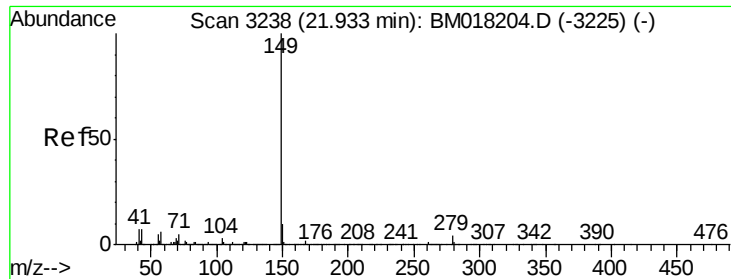
Tot Ion:228 Resp: 835417
Ion Ratio Lower Upper
228 100
226 28.1 23.1 34.7
229 19.9 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 34.895 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion:149 Resp: 570147
Ion Ratio Lower Upper
149 100
167 28.8 22.7 34.1
279 4.6 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 37.967 ng

RT: 21.93 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

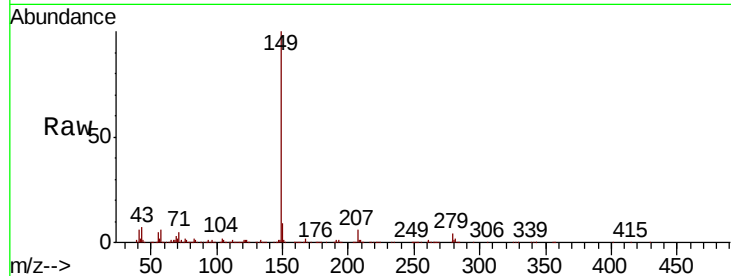
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 1015937

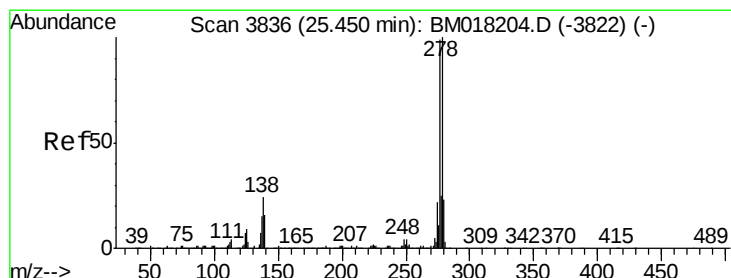
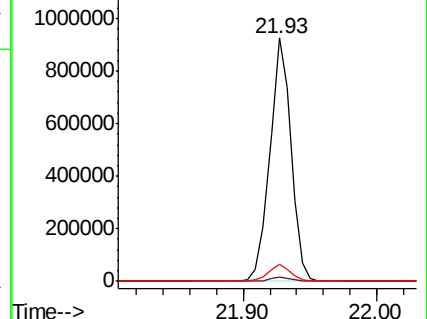
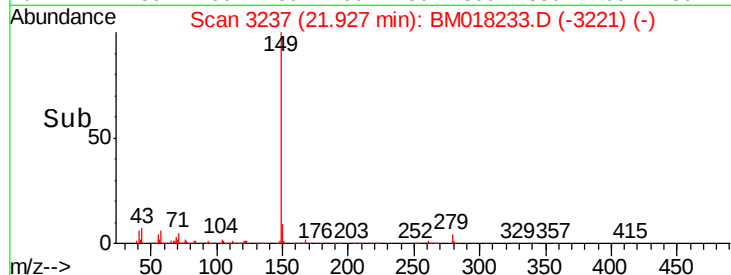
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	7.0	6.2	9.4



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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 57.581 ng

RT: 25.44 min Scan# 3834

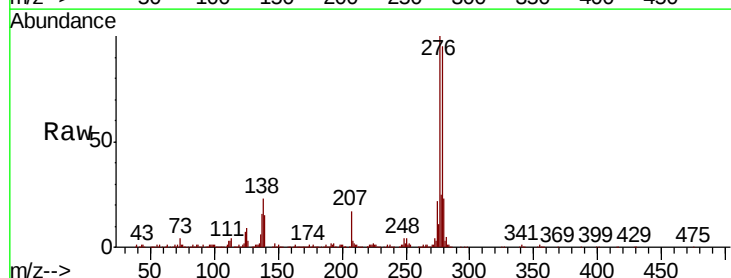
Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion:276 Resp: 1246389

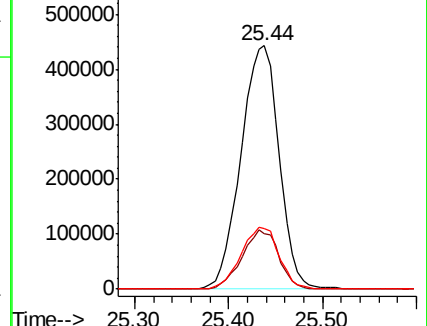
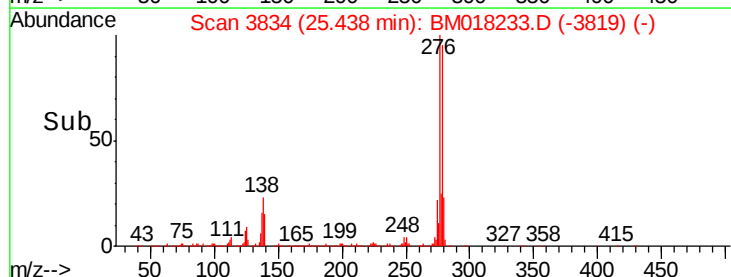
Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.6	28.0
277	25.3	20.3	30.5

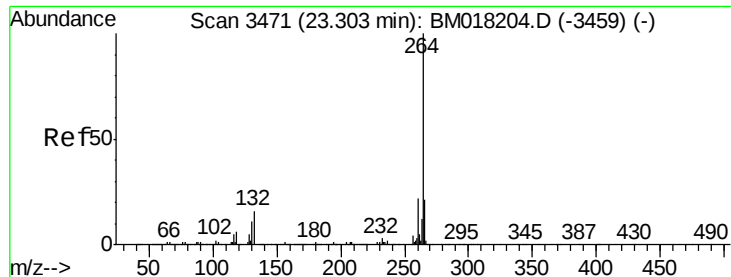


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



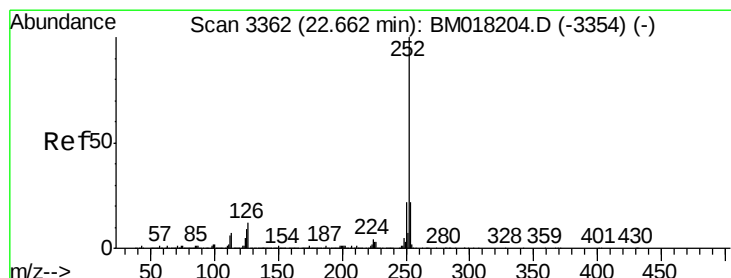
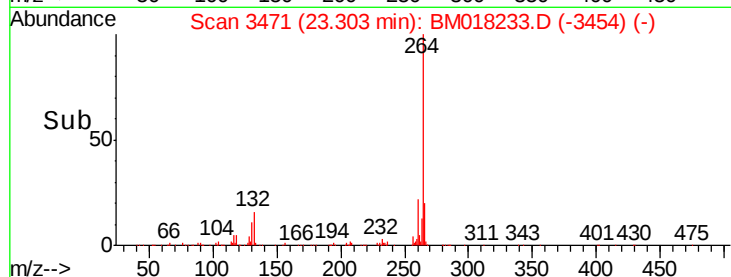
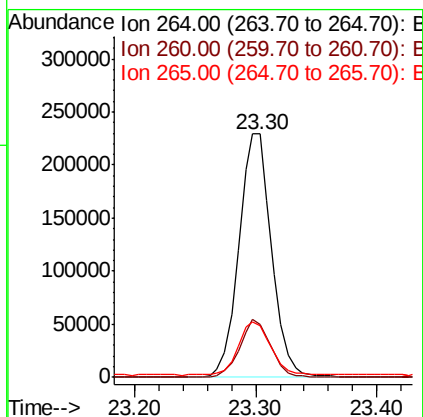
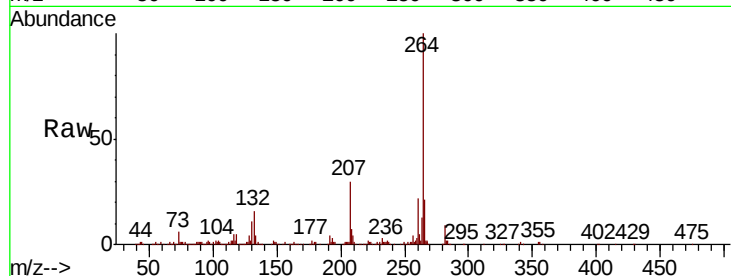


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. -0.00 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 430844

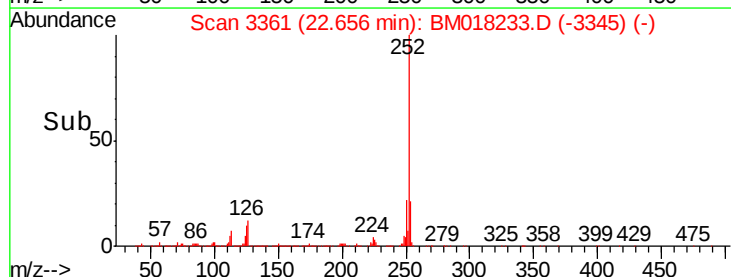
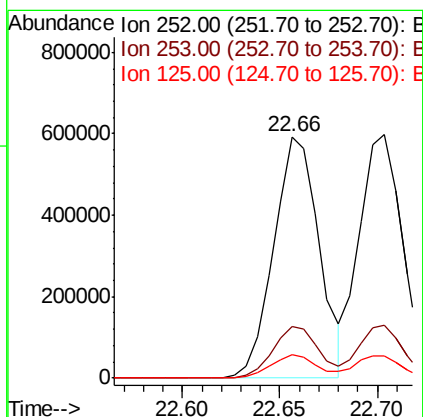
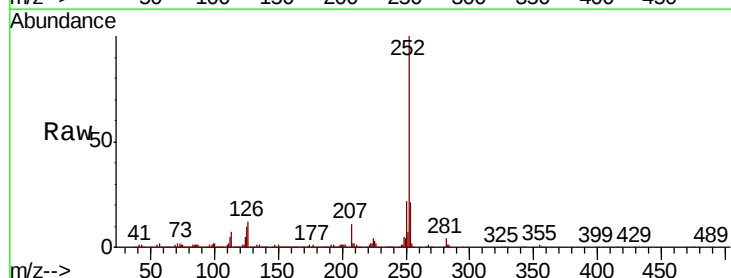
Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.5	26.3
265	21.3	17.3	25.9

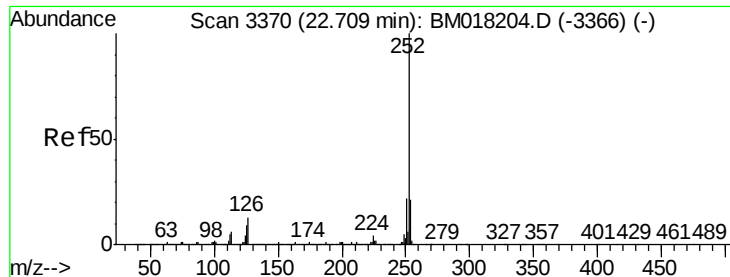


#88
Benzo(b)fluoranthene
Concen: 39.450 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion:252 Resp: 954754

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	9.8	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 38.297 ng

RT: 22.70 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM018233.D

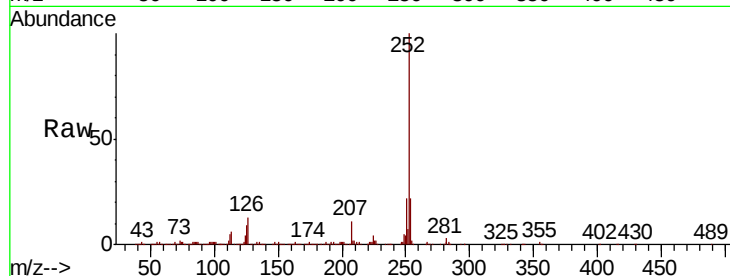
Acq: 16 Dec 2018 19:07

Instrument :

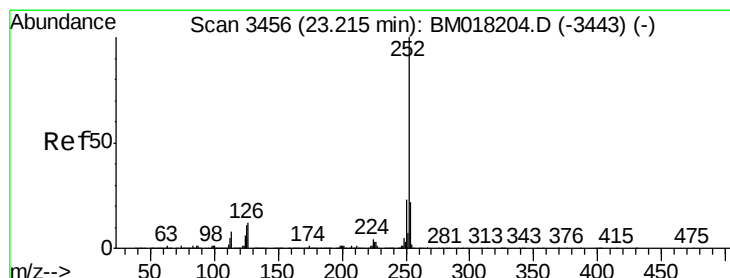
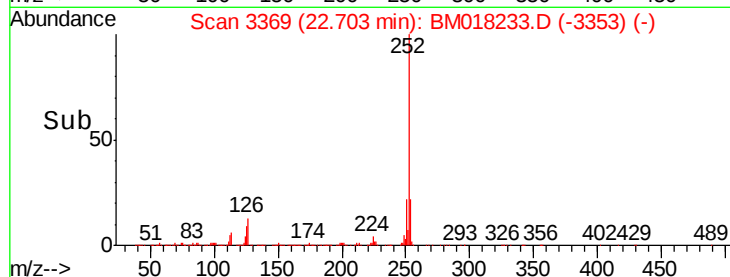
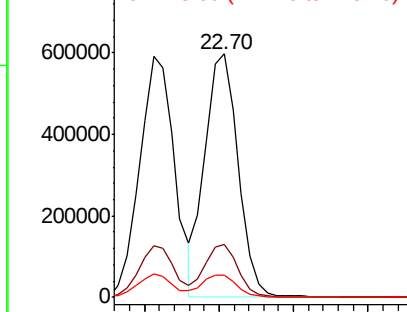
BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	923052
Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.9	25.3
125	9.0	7.5	11.3



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



#90

Benzo(a)pyrene

Concen: 41.345 ng

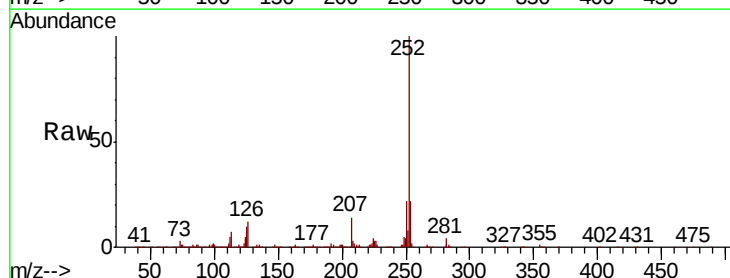
RT: 23.21 min Scan# 3455

Delta R.T. -0.01 min

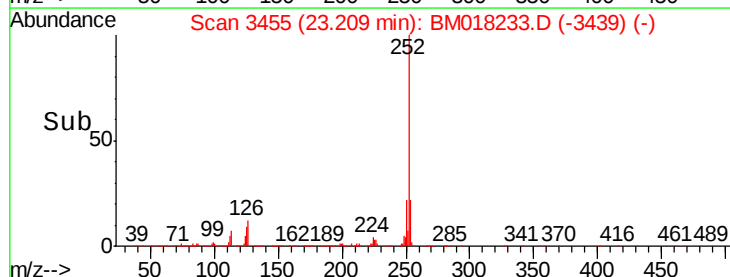
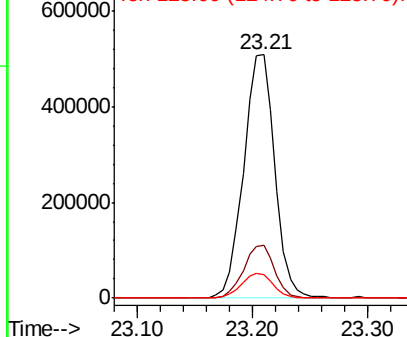
Lab File: BM018233.D

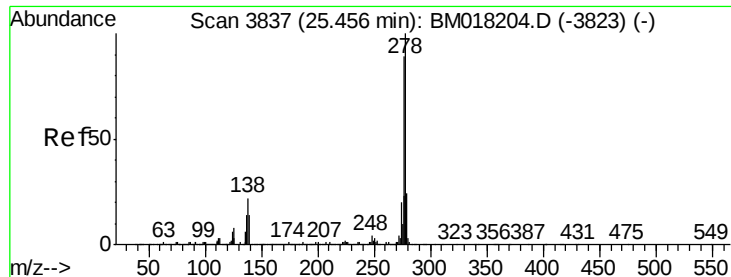
Acq: 16 Dec 2018 19:07

Tgt Ion:	252	Resp:	951679
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.6	8.6	12.8



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





#91

Dibenzo(a,h)anthracene

Concen: 49.630 ng

RT: 25.44 min Scan# 3835

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

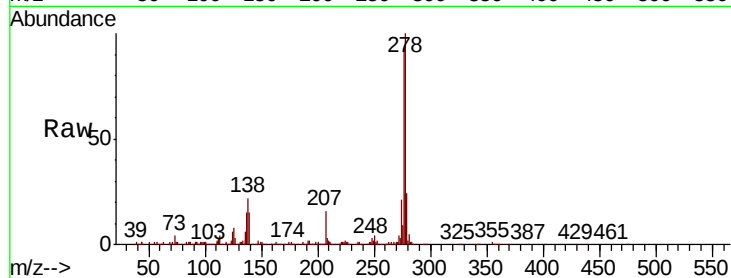
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 1058216

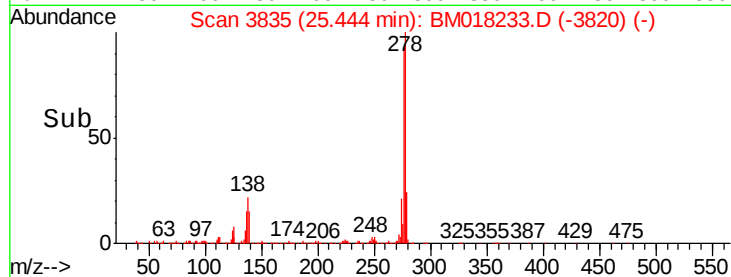
Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.6	17.4
279	24.1	19.2	28.8



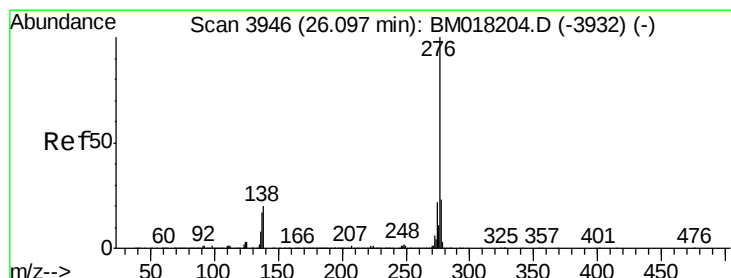
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 52.894 ng

RT: 26.09 min Scan# 3944

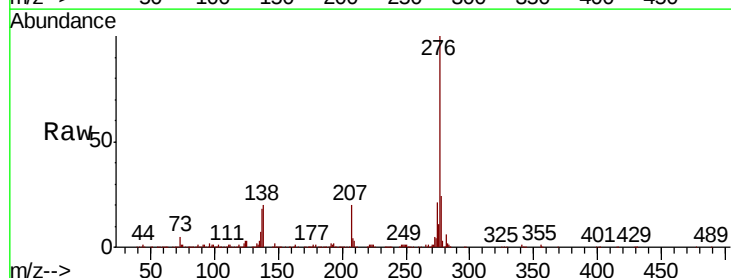
Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion:276 Resp: 1066098

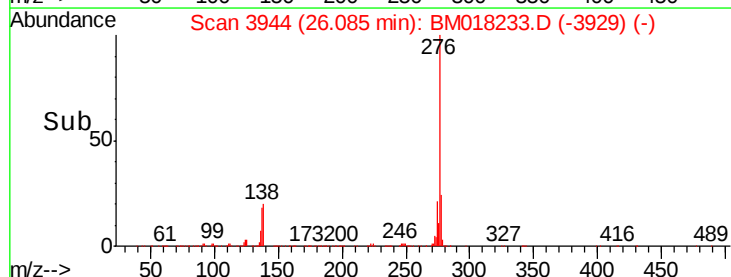
Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	20.0	15.8	23.8



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



Time-->