

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
 Data File : BM018236.D
 Acq On : 16 Dec 2018 20:57
 Operator : JU/SJ
 Sample : J6379-05MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 17 03:57:28 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	7.50	152	122271	20.00	ng	0.00
21) Naphthalene-d8	10.26	136	449886	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	219429	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	384738	20.00	ng	0.00
76) Chrysene-d12	21.14	240	345392	20.00	ng	0.00
87) Perylene-d12	23.30	264	398104	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	1056922	144.40	ng	0.00
7) Phenol-d6	6.70	99	1315303	129.29	ng	0.00
23) Nitrobenzene-d5	8.66	82	821857	93.70	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	373735	116.04	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1482929	87.53	ng	0.00
79) Terphenyl-d14	19.57	244	1333284	87.30	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.13	88	102516	35.357	ng	96
3) Pyridine	3.51	79	307090	36.002	ng	100
4) n-Nitrosodimethylamine	3.43	42	136559	46.512	ng	99
6) Aniline	6.85	93	236849	18.558	ng	95
8) 2-Chlorophenol	7.07	128	356243	41.193	ng	97
9) Benzaldehyde	6.66	77	120924	19.500	ng	98
10) Phenol	6.73	94	503258	46.709	ng	98
11) bis(2-Chloroethyl)ether	6.95	93	308370	36.012	ng	97
12) 1,3-Dichlorobenzene	7.38	146	359706	37.248	ng	97
13) 1,4-Dichlorobenzene	7.53	146	381650	38.918	ng	98
14) 1,2-Dichlorobenzene	7.84	146	362491	38.345	ng	99
15) Benzyl Alcohol	7.75	79	304832	36.772	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.02	45	288991	37.503	ng	98
17) 2-Methylphenol	7.95	107	292704	40.686	ng	99
18) Hexachloroethane	8.55	117	139898	38.922	ng	94
19) n-Nitroso-di-n-propylamine	8.31	70	260231	34.258	ng	95
20) 3+4-Methylphenols	8.28	107	381805	37.875	ng	97
22) Acetophenone	8.32	105	506826	42.571	ng	99
24) Nitrobenzene	8.70	77	386503	44.103	ng	98
25) Isophorone	9.22	82	663565	45.443	ng	98
26) 2-Nitrophenol	9.40	139	182306	42.413	ng	97
27) 2,4-Dimethylphenol	9.47	122	288764	46.614	ng	100
28) bis(2-Chloroethoxy)methane	9.70	93	429832	45.158	ng	98
29) 2,4-Dichlorophenol	9.93	162	305970	44.547	ng	98
30) 1,2,4-Trichlorobenzene	10.13	180	327838	41.962	ng	98
31) Naphthalene	10.31	128	989629	44.987	ng	100
32) Benzoic acid	9.62	122	88773	15.134	ng	95
33) 4-Chloroaniline	10.46	127	83612	8.677	ng	96
34) Hexachlorobutadiene	10.58	225	200150	40.506	ng	98
35) Caprolactam	11.25	113	77223	29.506	ng	95
36) 4-Chloro-3-methylphenol	11.59	107	301066	36.479	ng	95
37) 2-Methylnaphthalene	11.93	142	696737	44.911	ng	97
38) 1-Methylnaphthalene	12.16	142	657763	43.451	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	342605	45.405	ng	99

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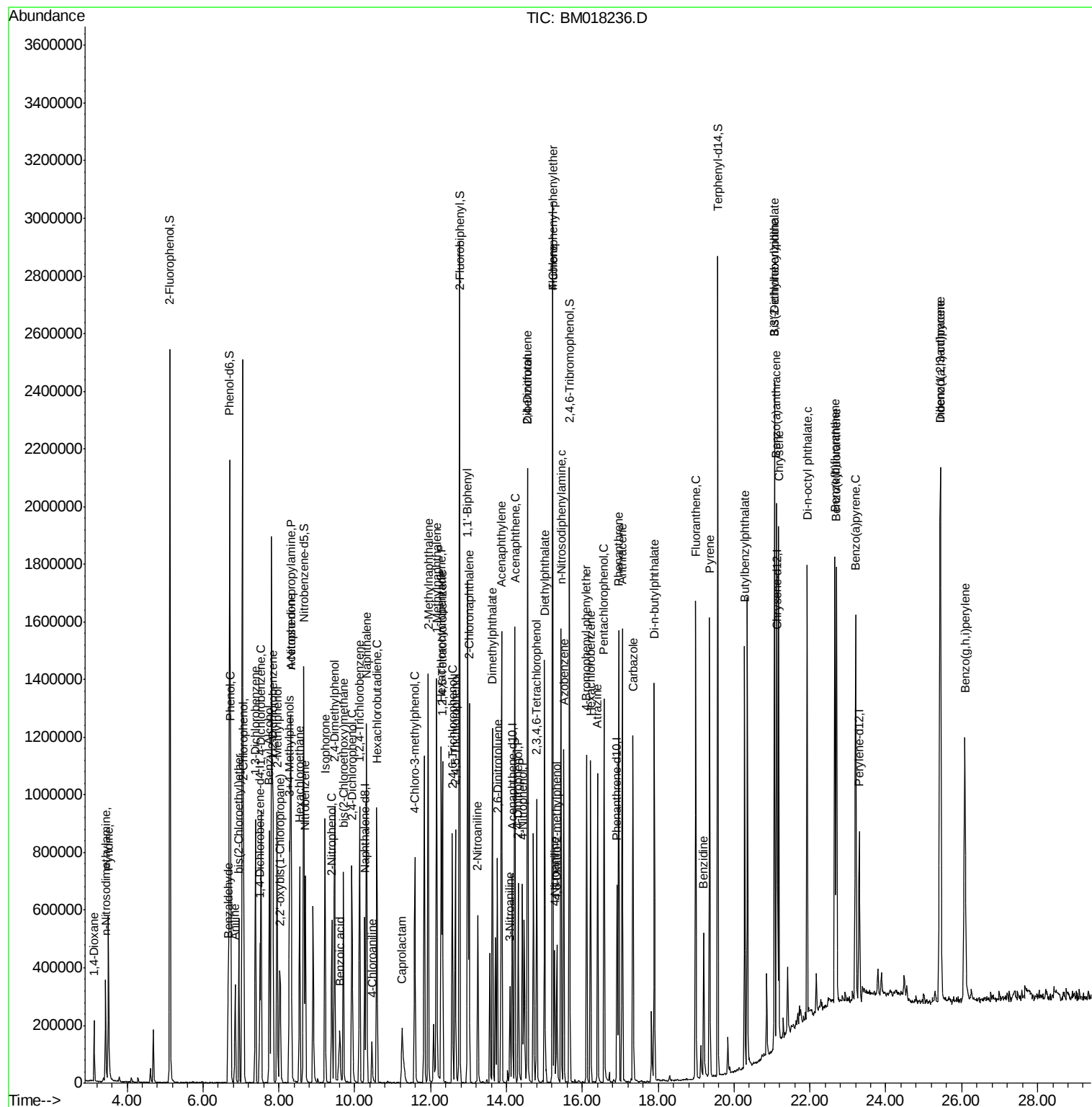
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	330943	98.117	nq	98
43) 2,4,6-Trichlorophenol	12.57	196	217241	44.763	nq	98
44) 2,4,5-Trichlorophenol	12.65	196	223654	43.409	nq	99
46) 1,1'-Biphenyl	12.97	154	851904	43.155	nq	98
47) 2-Chloronaphthalene	13.02	162	643904	44.317	nq	99
48) 2-Nitroaniline	13.25	65	165019	36.869	nq	95
49) Acenaphthylene	13.87	152	996696	45.520	nq	98
50) Dimethylphthalate	13.63	163	834694	45.755	nq	99
51) 2,6-Dinitrotoluene	13.76	165	159533	39.781	nq	94
52) Acenaphthene	14.22	154	569046	42.526	nq	99
53) 3-Nitroaniline	14.09	138	91187	21.607	nq	91
54) 2,4-Dinitrophenol	14.31	184	163494	73.905	nq	98
55) Dibenzofuran	14.56	168	902455	41.973	nq	99
56) 4-Nitrophenol	14.42	139	217555	67.991	nq	93
57) 2,4-Dinitrotoluene	14.56	165	211164	38.094	nq	98
58) Fluorene	15.22	166	715200	43.068	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	192066	41.393	nq	99
60) Diethylphthalate	15.00	149	731505	37.157	nq	98
61) 4-Chlorophenyl-phenylether	15.22	204	365164	38.881	nq	100
62) 4-Nitroaniline	15.27	138	128383	32.060	nq	99
63) Azobenzene	15.51	77	637103	35.491	nq	96
65) 4,6-Dinitro-2-methylphenol	15.33	198	110466	39.002	nq	98
66) n-Nitrosodiphenylamine	15.44	169	589904	46.367	nq	98
67) 4-Bromophenyl-phenylether	16.12	248	208168	44.676	nq	96
68) Hexachlorobenzene	16.22	284	228487	44.760	nq	97
69) Atrazine	16.40	200	192750	44.877	nq	99
70) Pentachlorophenol	16.57	266	244147	72.420	nq	97
71) Phenanthrene	16.96	178	937599	44.865	nq	99
72) Anthracene	17.05	178	949158	45.781	nq	99
73) Carbazole	17.33	167	810080	38.068	nq	99
74) Di-n-butylphthalate	17.90	149	997711	37.999	nq	98
75) Fluoranthene	18.99	202	974878	40.123	nq	99
77) Benzidine	19.20	184	313494	35.793	nq	99
78) Pyrene	19.36	202	948406	46.084	nq	99
80) Butylbenzylphthalate	20.28	149	401019	40.959	nq	96
81) Benzo(a)anthracene	21.12	228	912406	45.222	nq	99
82) 3,3'-Dichlorobenzidine	21.07	252	228972	28.407	nq	99
83) Chrysene	21.17	228	864533	44.549	nq	98
84) Bis(2-ethylhexyl)phthalate	21.06	149	585444	40.122	nq	99
85) Di-n-octyl phthalate	21.93	149	1027895	43.013	nq	98
86) Indeno(1,2,3-cd)pyrene	25.43	276	1252271	64.780	nq	99
88) Benzo(b)fluoranthene	22.66	252	990958	44.314	nq	99
89) Benzo(k)fluoranthene	22.70	252	949514	42.635	nq	99
90) Benzo(a)pyrene	23.21	252	984068	46.268	nq	99
91) Dibenzo(a,h)anthracene	25.44	278	1061952	53.901	nq	99
92) Benzo(g,h,i)perylene	26.09	276	1079722	57.976	nq	99

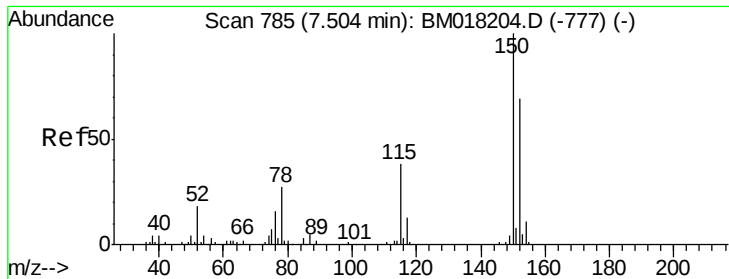
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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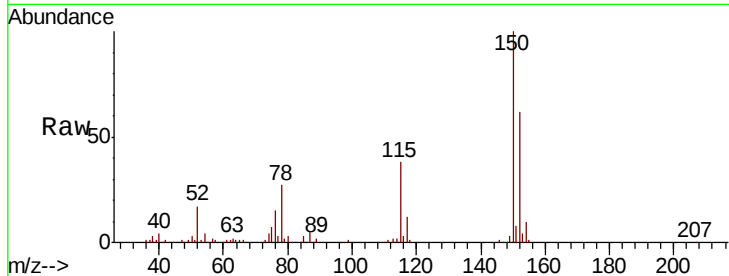


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	116.1	174.1
115	62.2	44.6	67.0

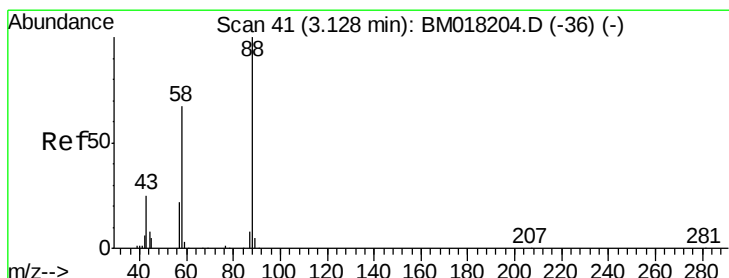
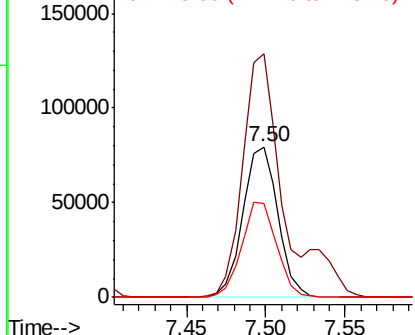
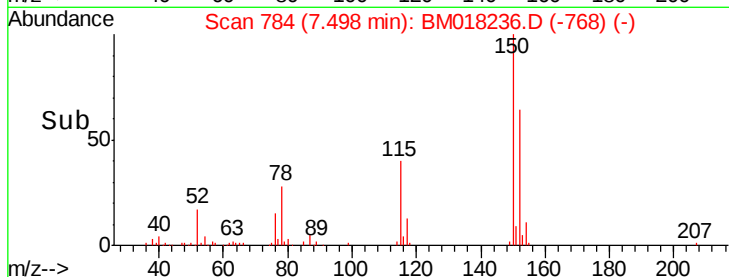


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

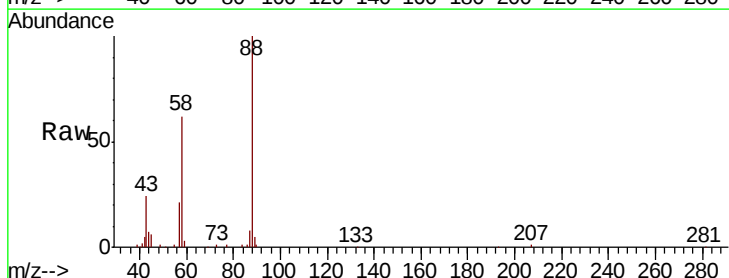
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 35.357 ng
 RT: 3.13 min Scan# 41
 Delta R.T. -0.00 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.9	49.8	74.6
43	22.2	19.1	28.7

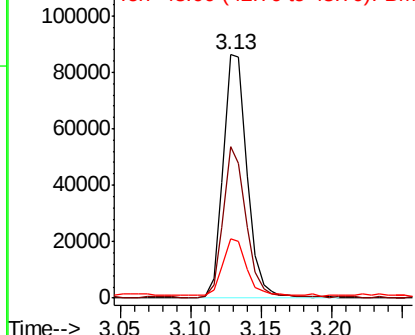
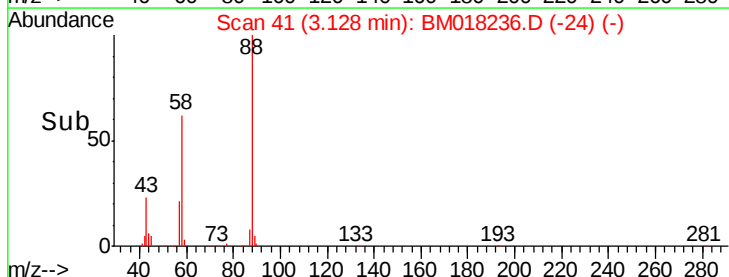


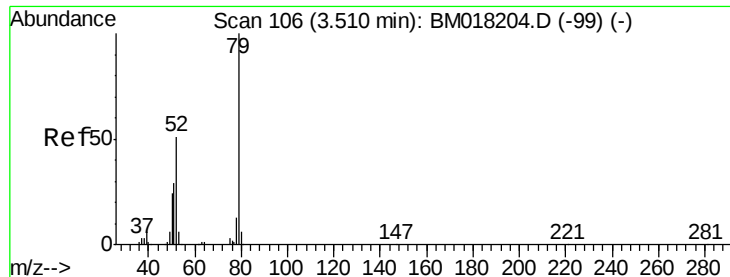
Abundance

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: 36.002 ng

RT: 3.51 min Scan# 106

Delta R.T. -0.00 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampled :

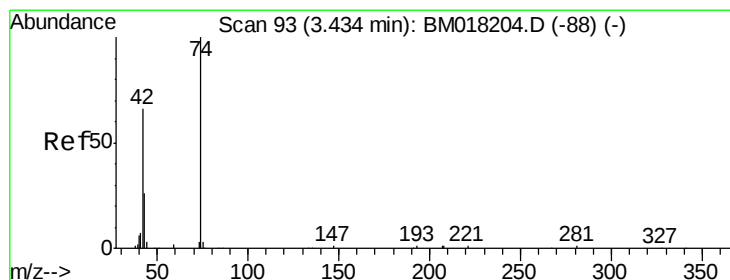
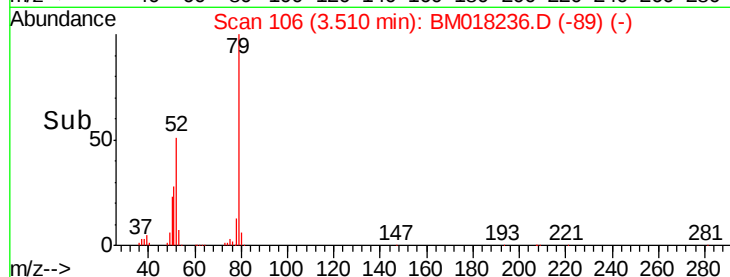
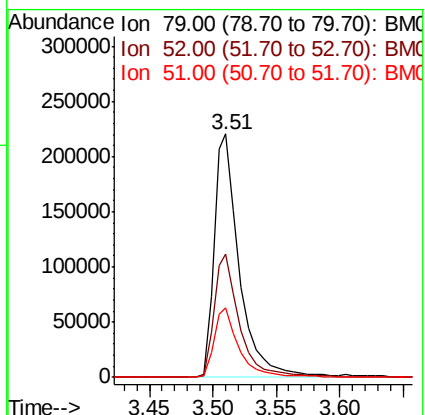
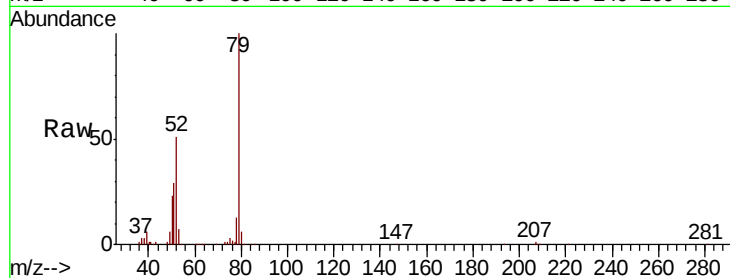
Tot Ion: 79 Resp: 307090

Ion Ratio Lower Upper

79 100

52 50.8 40.7 61.1

51 28.6 23.0 34.6



#4

n-Nitrosodimethylamine

Concen: 46.512 ng

RT: 3.43 min Scan# 93

Delta R.T. -0.00 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

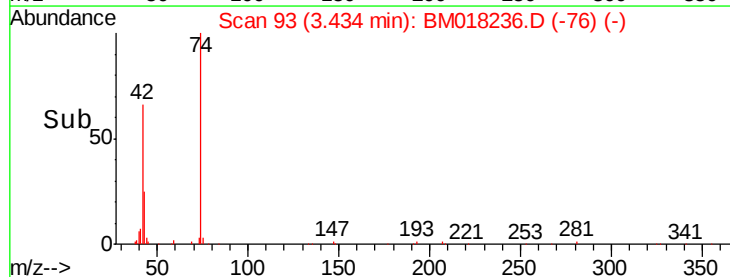
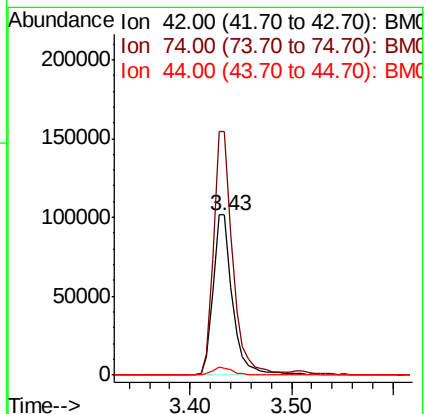
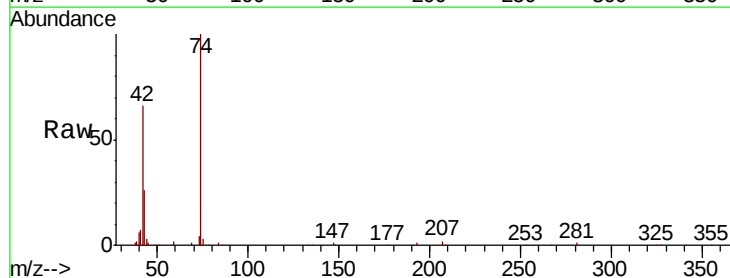
Tgt Ion: 42 Resp: 136559

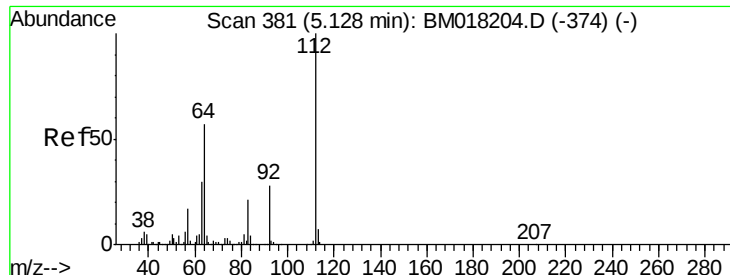
Ion Ratio Lower Upper

42 100

74 152.0 120.4 180.6

44 4.7 4.6 7.0





#5

2-Fluorophenol

Concen: 144.398 ng

RT: 5.13 min Scan# 381

Delta R.T. -0.00 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampled :

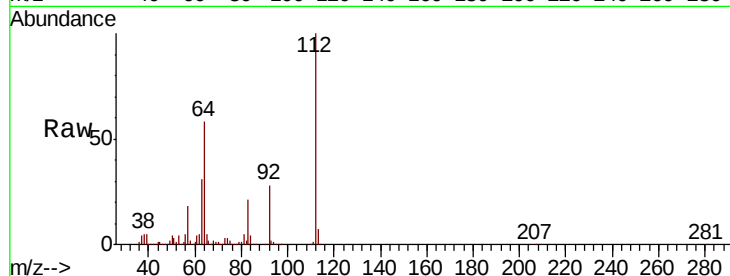
Tot Ion:112 Resp: 1056922

Ion Ratio Lower Upper

112 100

64 57.7 45.4 68.2

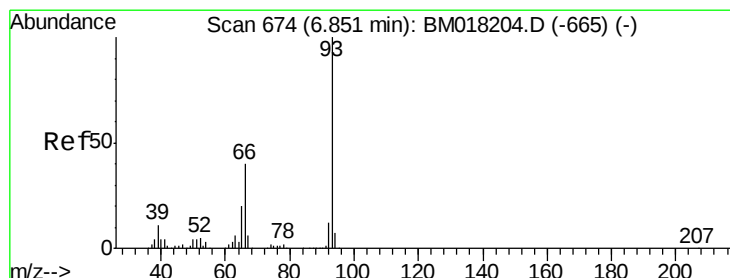
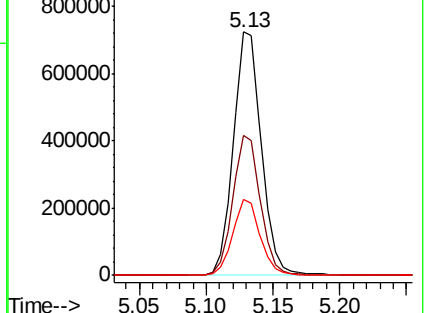
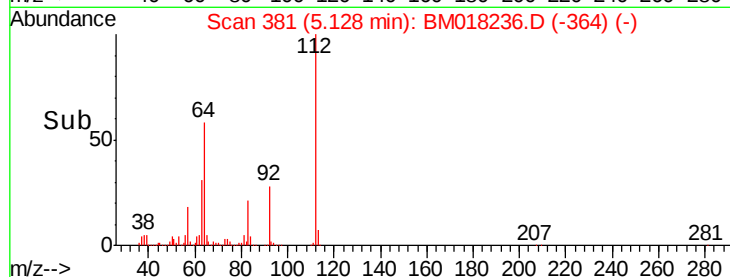
63 31.0 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 18.558 ng

RT: 6.85 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

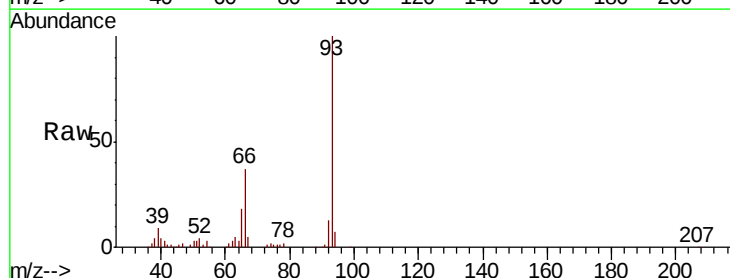
Tgt Ion: 93 Resp: 236849

Ion Ratio Lower Upper

93 100

66 37.3 32.3 48.5

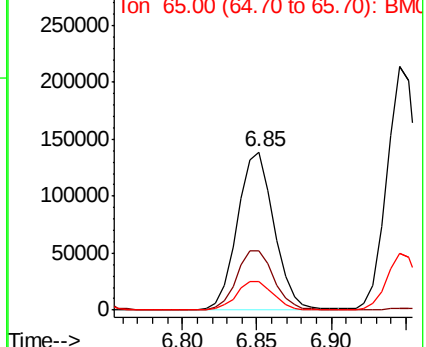
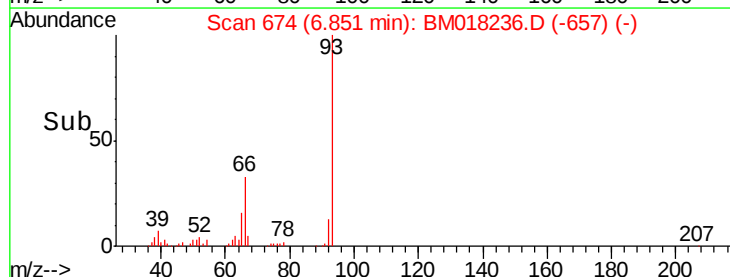
65 17.7 16.2 24.4

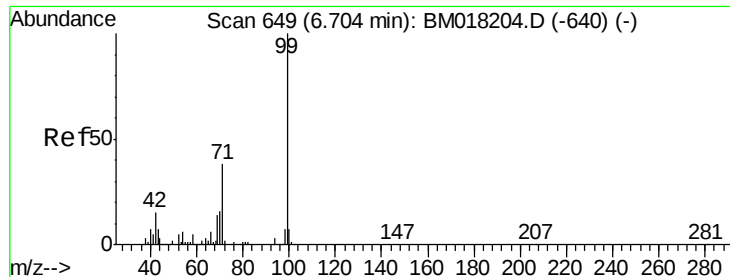


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 129.287 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

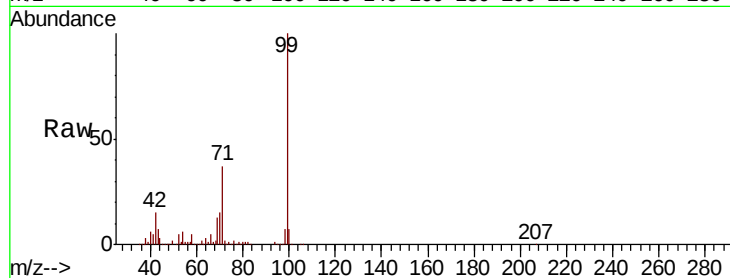
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1315303

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.3	18.5
71	37.3	30.2	45.2

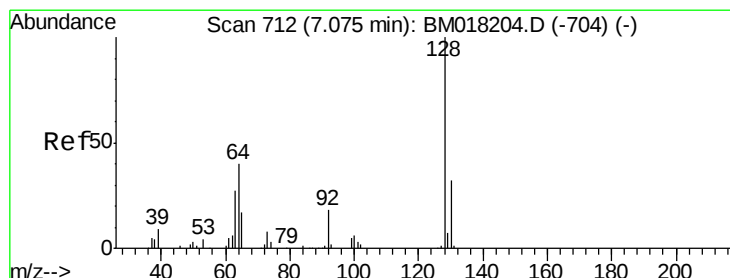
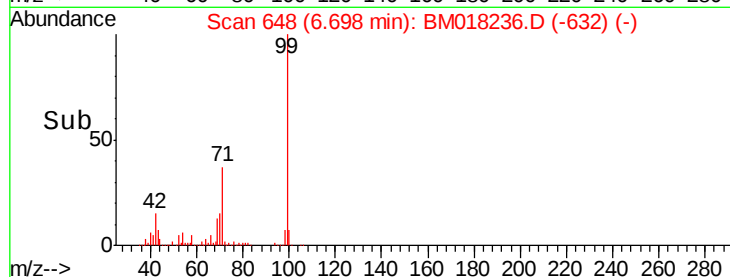
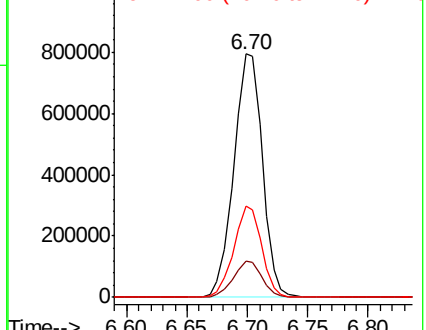


Abundance

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: 41.193 ng

RT: 7.07 min Scan# 711

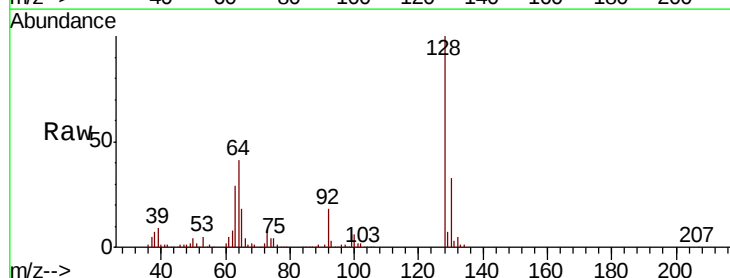
Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Tgt Ion: 128 Resp: 356243

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	41.5	24.1	64.1

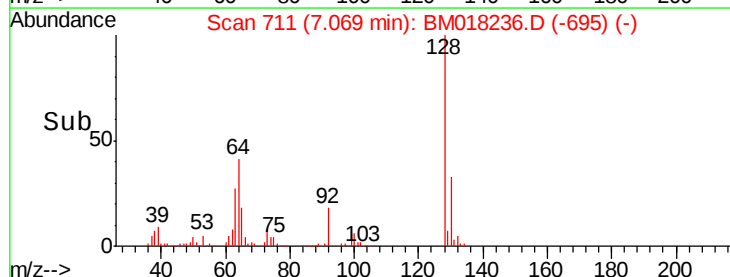
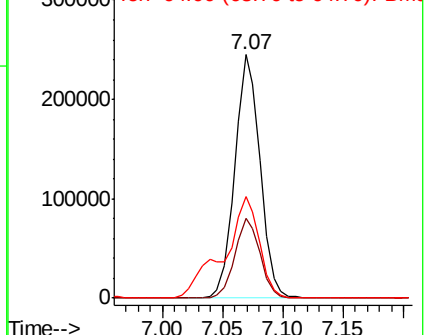


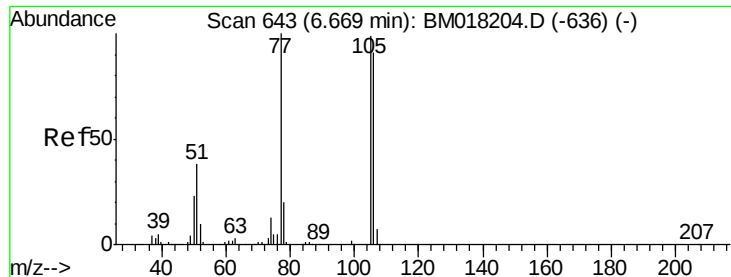
Abundance

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: 19.500 ng

RT: 6.66 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampled :

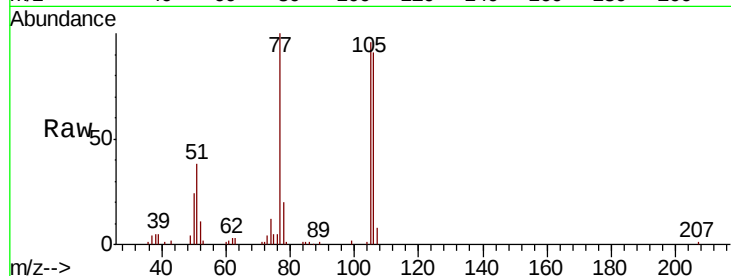
Tot Ion: 77 Resp: 120924

Ion Ratio Lower Upper

77 100

105 95.9 78.8 118.8

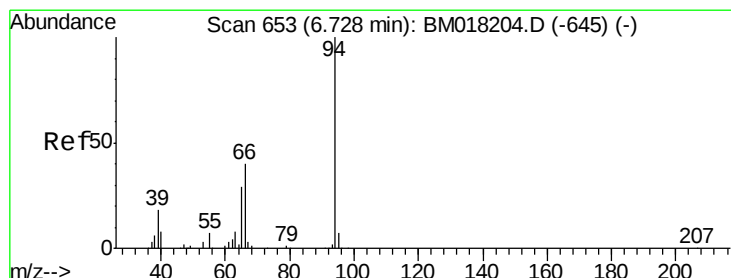
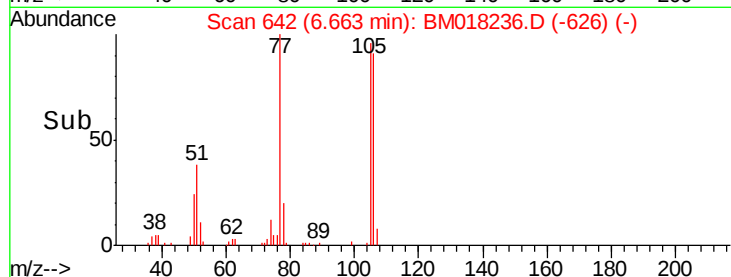
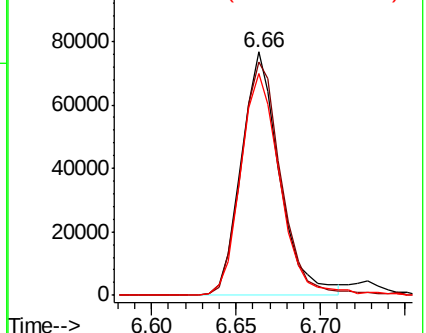
106 90.9 70.7 110.7



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

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

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



#10

Phenol

Concen: 46.709 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

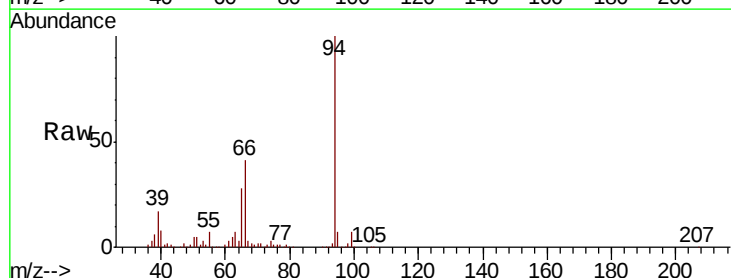
Tgt Ion: 94 Resp: 503258

Ion Ratio Lower Upper

94 100

65 28.3 9.5 49.5

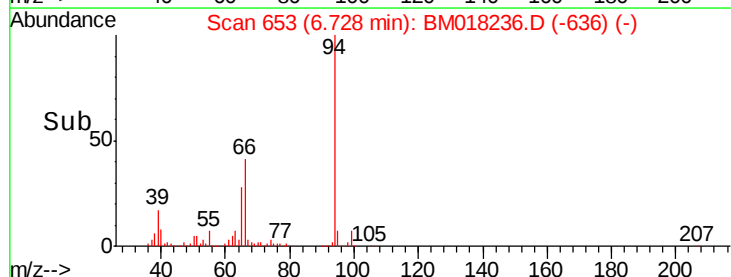
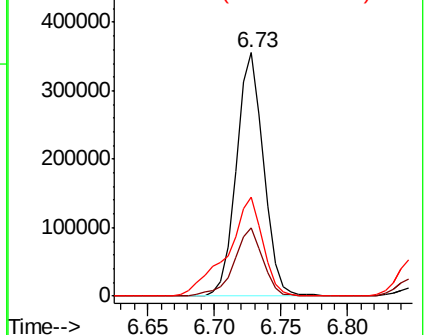
66 40.7 21.3 61.3

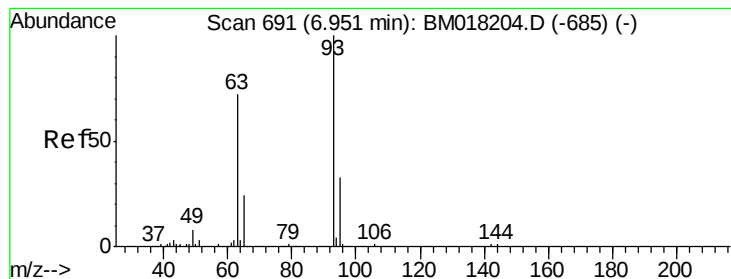


Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

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

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

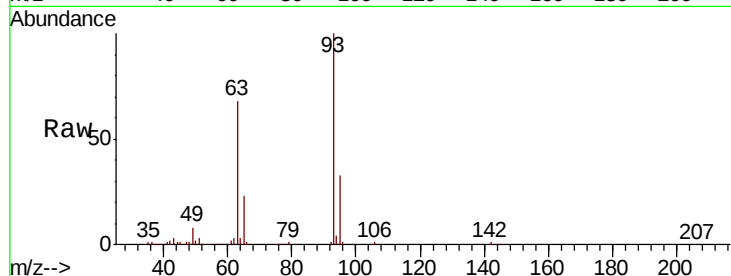




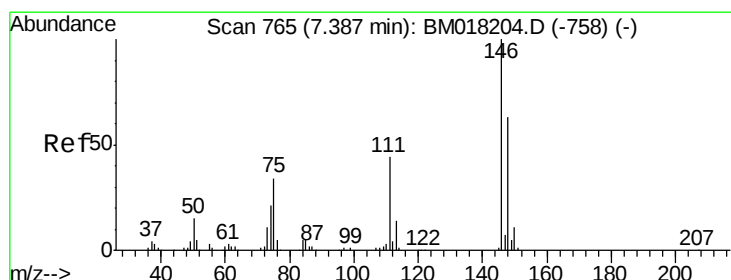
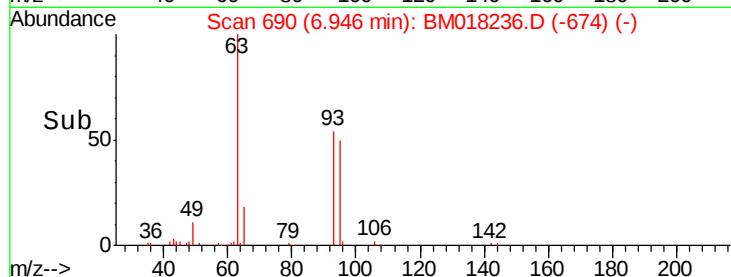
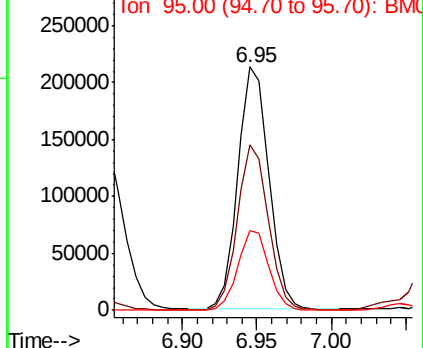
#11
bis(2-Chloroethyl)ether
Concen: 36.012 ng
RT: 6.95 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Instrument :
BNA_M
ClientSampled :

Tot Ion: 93 Resp: 308370
Ion Ratio Lower Upper
93 100
63 68.2 51.7 91.7
95 32.6 13.1 53.1

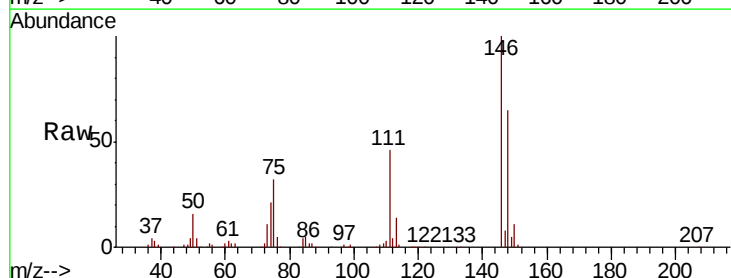


Abundance Ion 93.00 (92.70 to 93.70): BM018204.D (-685) (-)
Ion 63.00 (62.70 to 63.70): BM018204.D (-685) (-)
Ion 95.00 (94.70 to 95.70): BM018204.D (-685) (-)

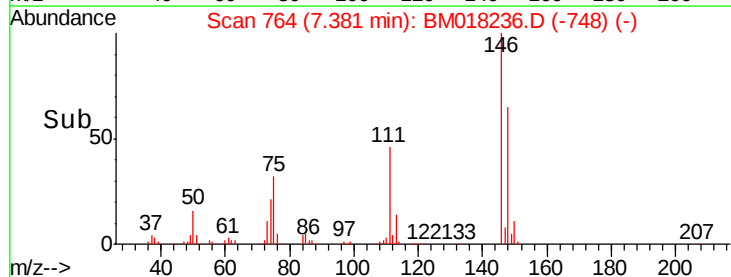
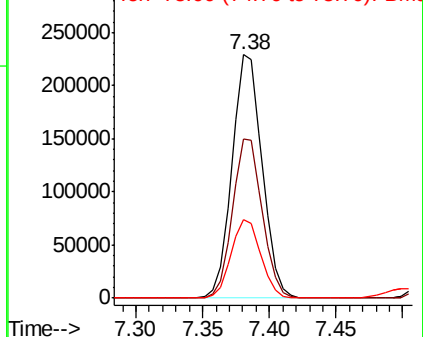


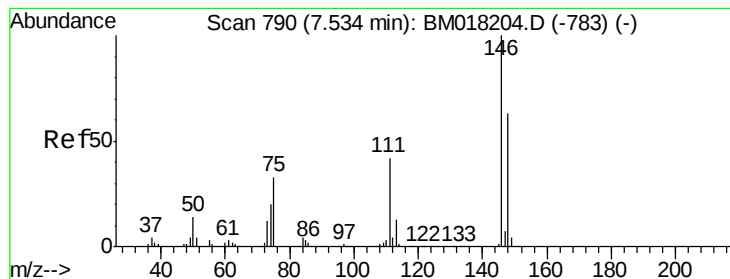
#12
1,3-Dichlorobenzene
Concen: 37.248 ng
RT: 7.38 min Scan# 764
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Tgt Ion: 146 Resp: 359706
Ion Ratio Lower Upper
146 100
148 65.2 50.6 76.0
75 32.0 27.0 40.4



Abundance Ion 146.00 (145.70 to 146.70): BM018204.D (-758) (-)
Ion 148.00 (147.70 to 148.70): BM018204.D (-758) (-)
Ion 75.00 (74.70 to 75.70): BM018204.D (-758) (-)





#13

1,4-Dichlorobenzene

Concen: 38.918 ng

RT: 7.53 min Scan# 790

Delta R.T. -0.00 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampleId :

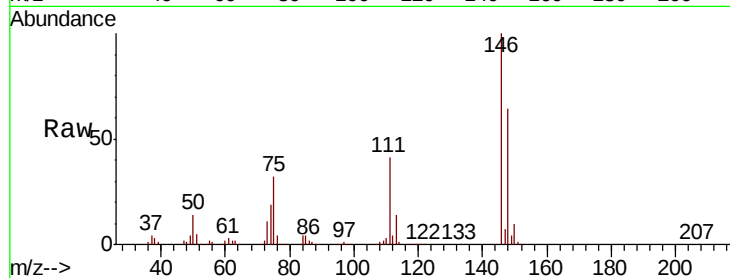
Tot Ion:146 Resp: 381650

Ion Ratio Lower Upper

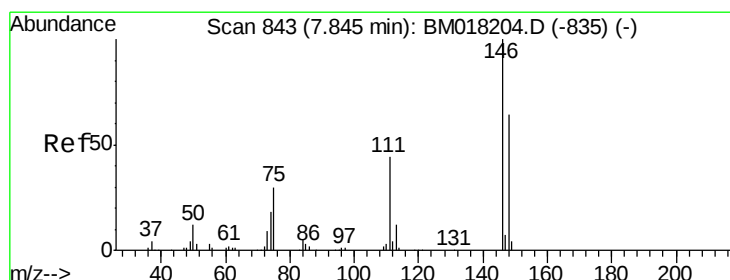
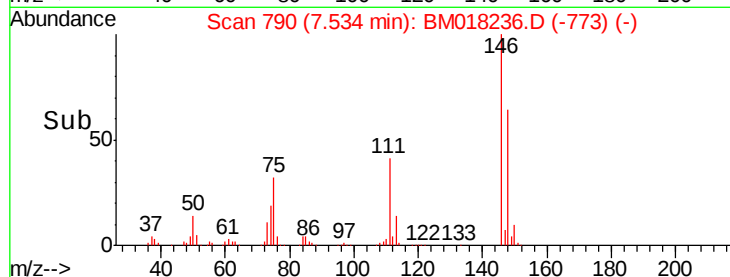
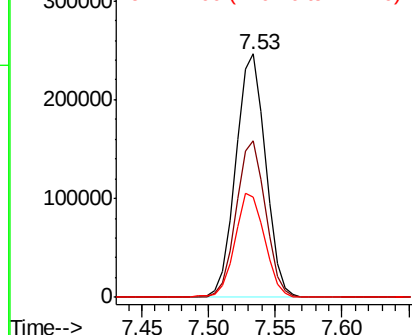
146 100

148 64.4 50.7 76.1

111 41.2 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: 38.345 ng

RT: 7.84 min Scan# 842

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

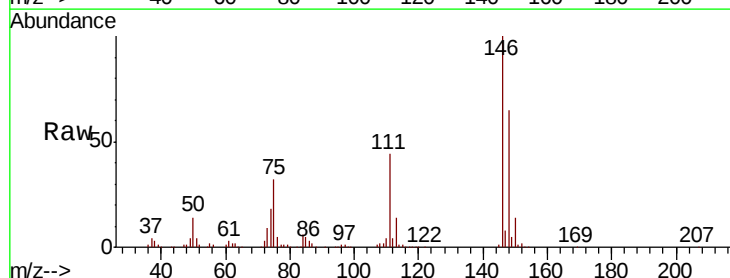
Tgt Ion:146 Resp: 362491

Ion Ratio Lower Upper

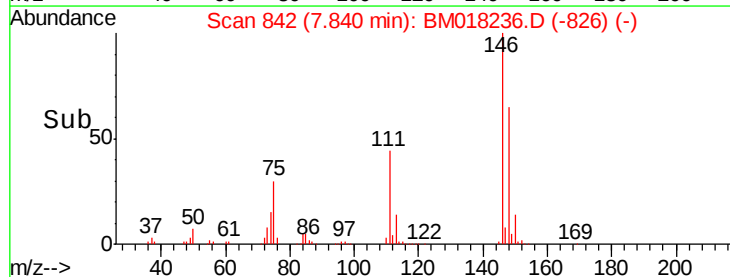
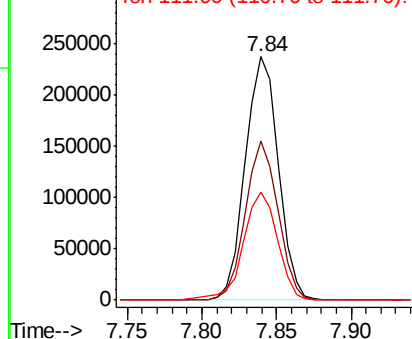
146 100

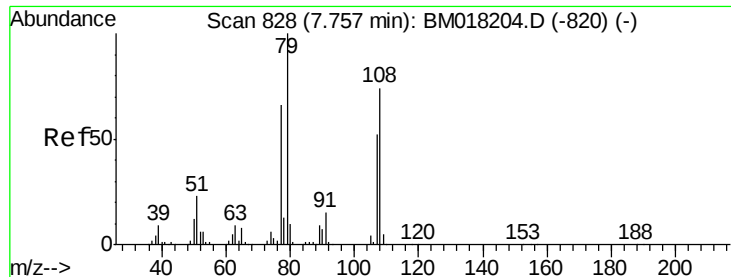
148 65.3 51.3 76.9

111 44.1 35.8 53.8



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





#15

Benzyl Alcohol

Concen: 36.772 ng

RT: 7.75 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampleId :

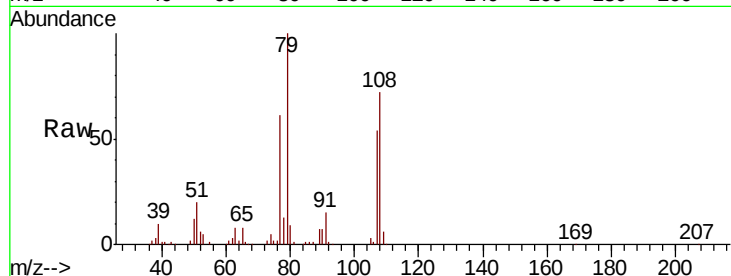
Tot Ion: 79 Resp: 304832

Ion Ratio Lower Upper

79 100

108 71.9 59.3 88.9

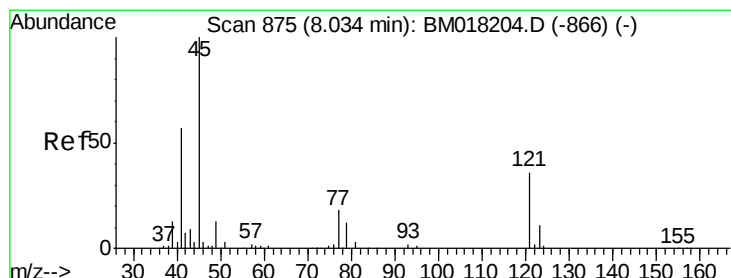
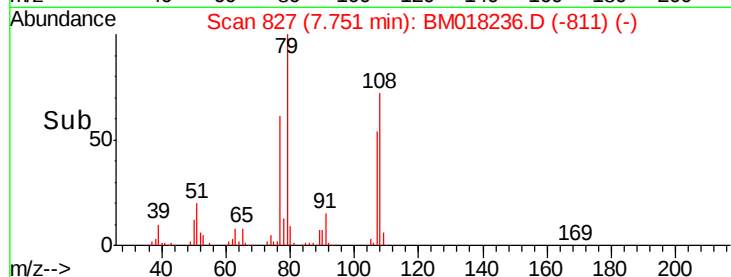
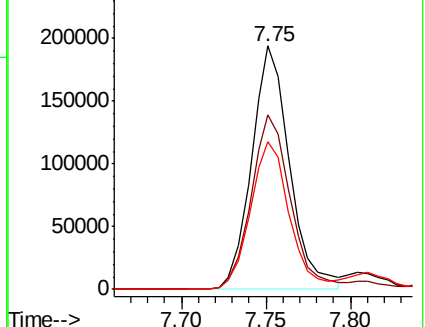
77 60.7 53.0 79.4



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: 37.503 ng

RT: 8.02 min Scan# 873

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

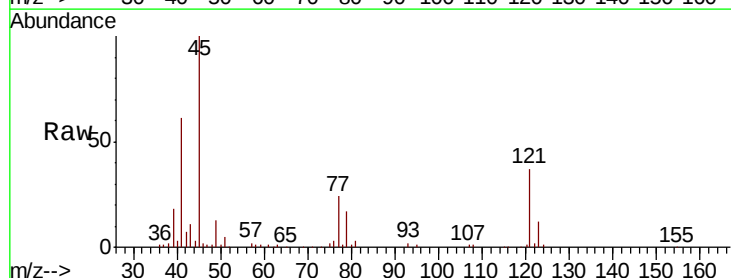
Tgt Ion: 45 Resp: 288991

Ion Ratio Lower Upper

45 100

77 23.8 2.5 42.5

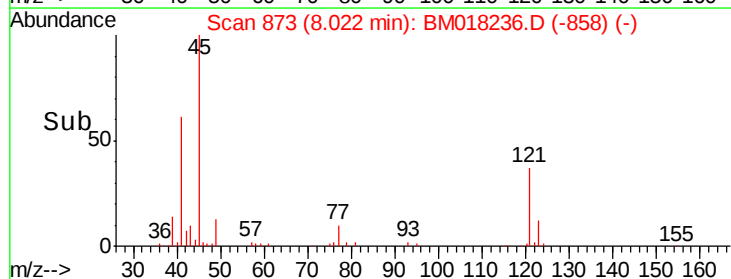
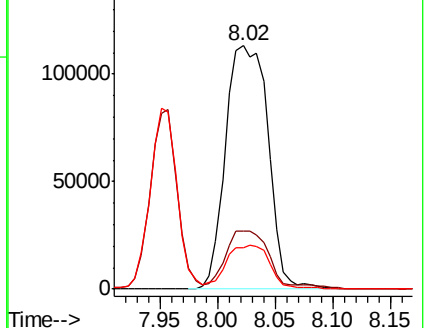
79 17.0 0.0 37.2

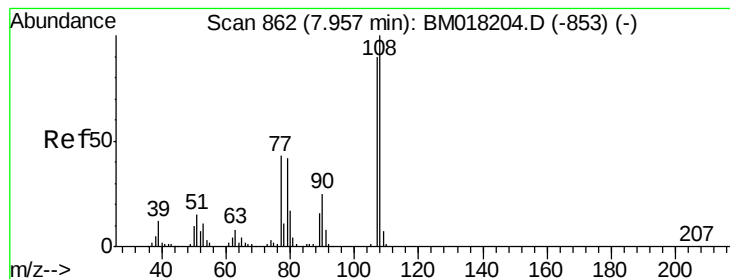


Abundance Ion 45.00 (44.70 to 45.70): BM018204.D (-866) (-)

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

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

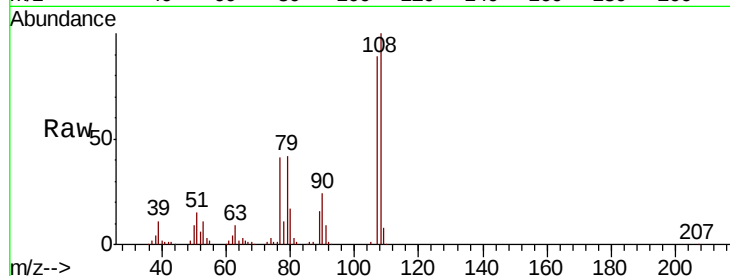




#17
2-Methylphenol
Concen: 40.686 ng
RT: 7.95 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	292704
Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.3	133.9
77	45.7	38.2	57.4
79	47.0	37.7	56.5



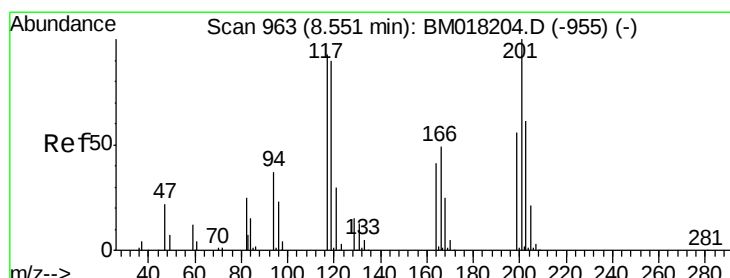
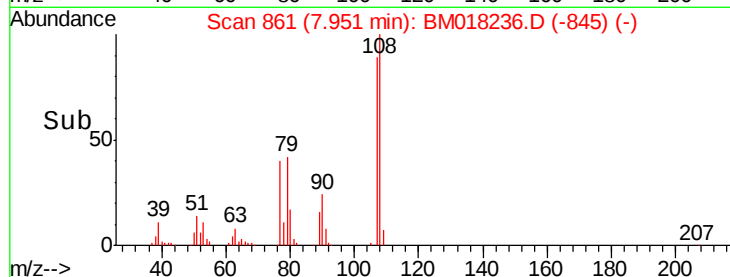
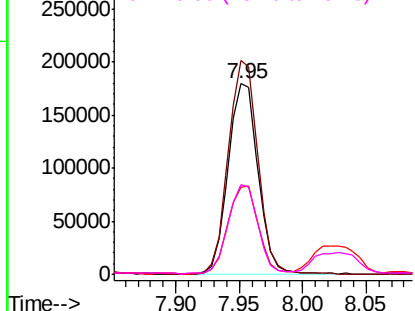
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

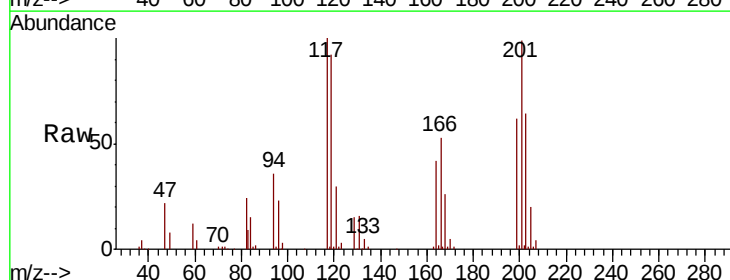
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 38.922 ng
RT: 8.55 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Tgt Ion:	117	Resp:	139898
Ion	Ratio	Lower	Upper
117	100		
119	91.9	77.0	115.4
201	98.7	85.7	128.5

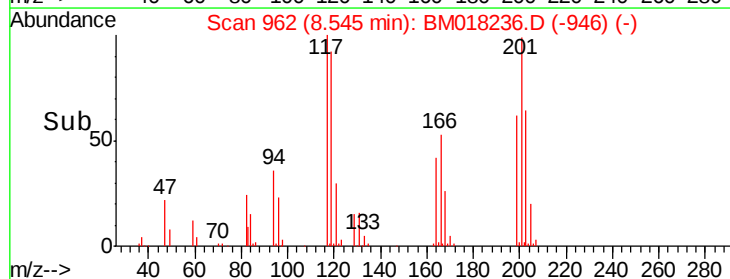
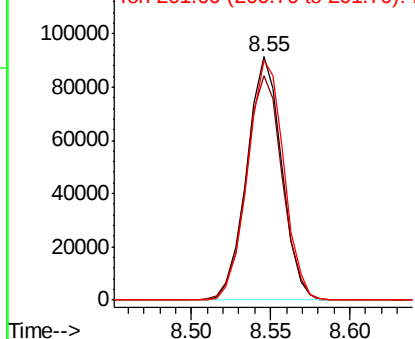


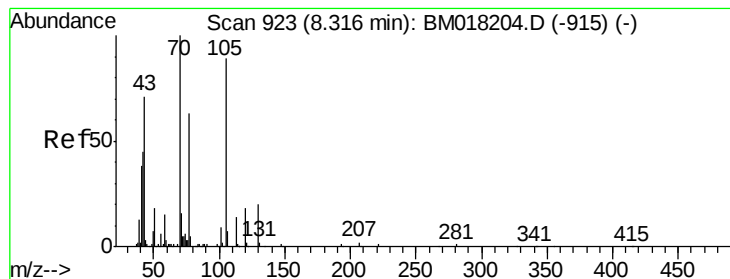
Abundance

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: 34.258 ng

RT: 8.31 min Scan# 922

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 260231

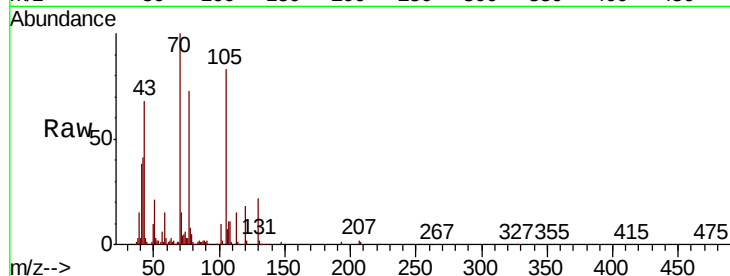
Ion Ratio Lower Upper

70 100

42 40.6 36.2 54.2

101 10.3 7.5 11.3

130 21.7 16.4 24.6

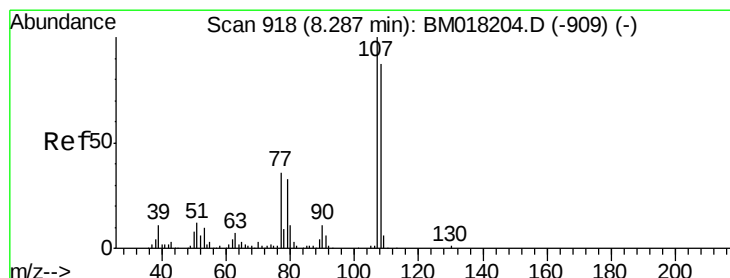
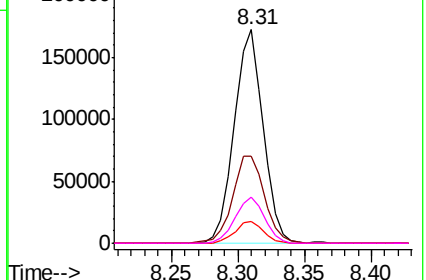
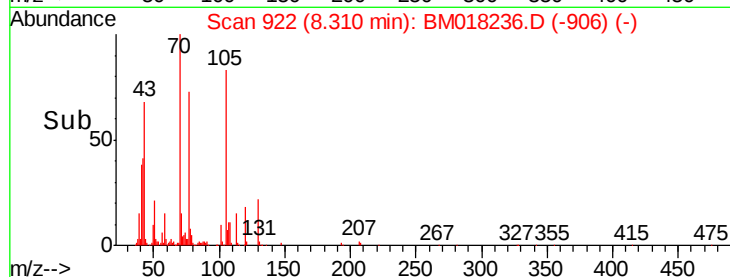


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 37.875 ng

RT: 8.28 min Scan# 917

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Tgt Ion:107 Resp: 381805

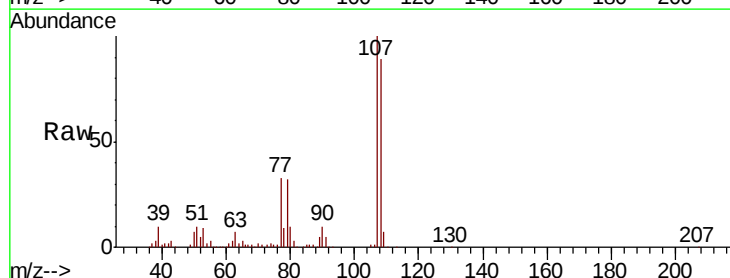
Ion Ratio Lower Upper

107 100

108 89.1 67.4 107.4

77 33.4 15.7 55.7

79 31.7 13.3 53.3

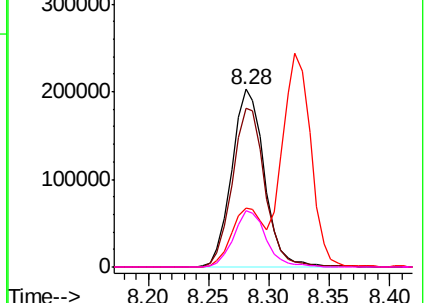
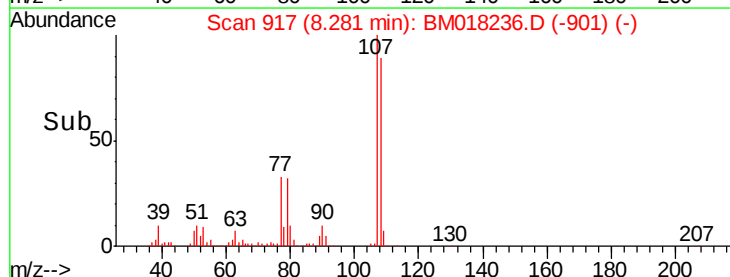


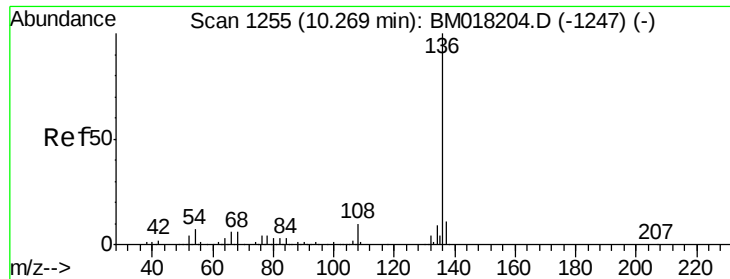
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

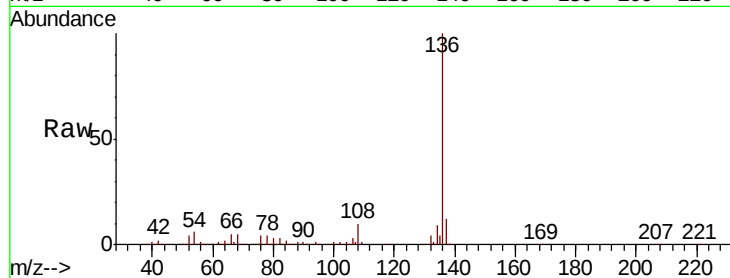




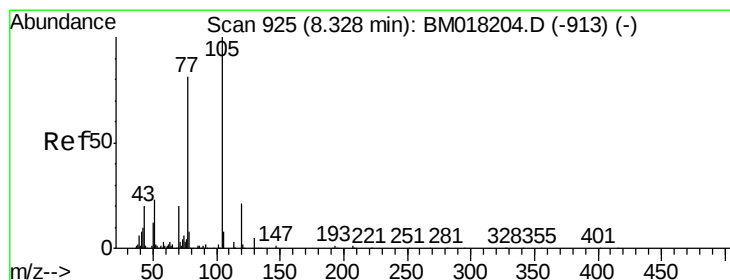
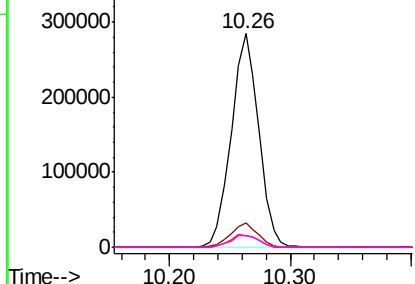
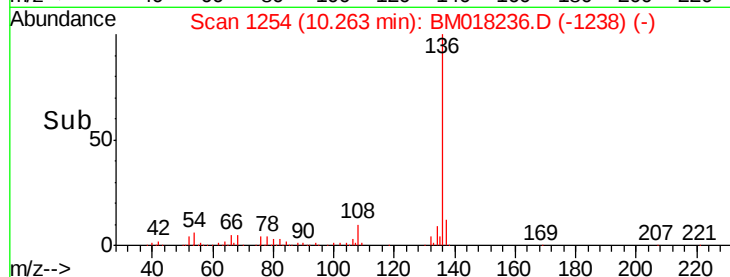
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	449886
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.2 13.8
54	5.7	5.2 7.8
68	5.5	5.0 7.6

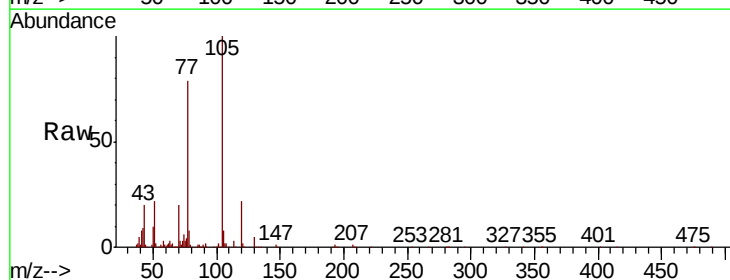


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

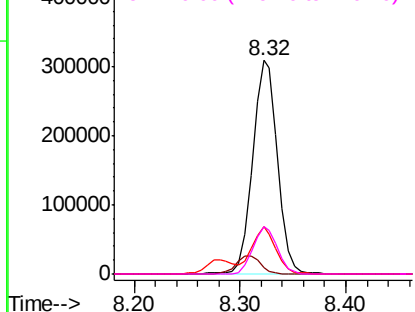
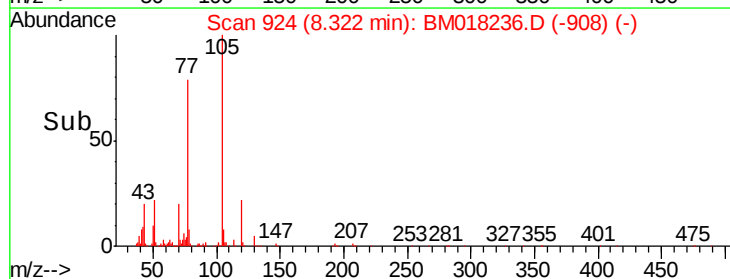


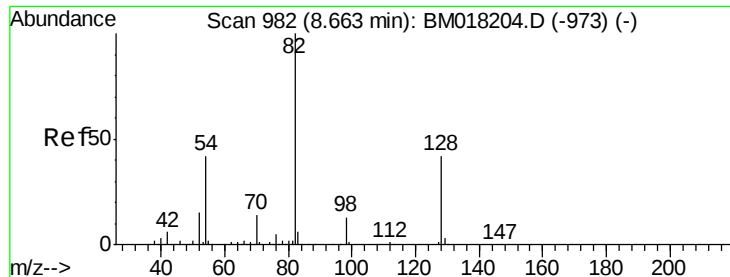
#22
Acetophenone
Concen: 42.571 ng
RT: 8.32 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Tgt Ion:105	Resp:	506826
Ion	Ratio	Lower Upper
105	100	
71	3.1	2.6 4.0
51	22.4	18.3 27.5
120	22.1	17.0 25.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

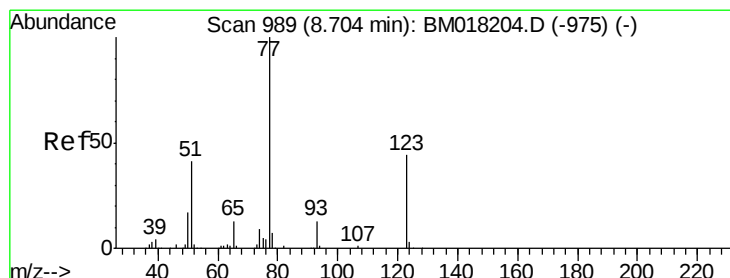
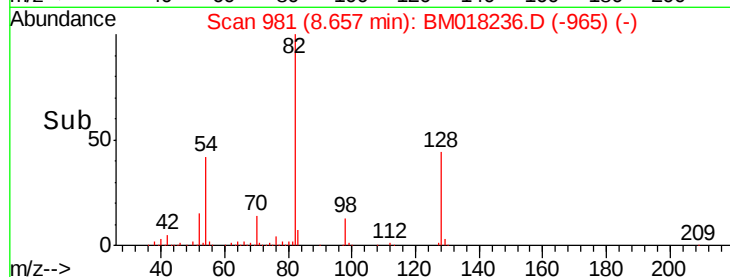
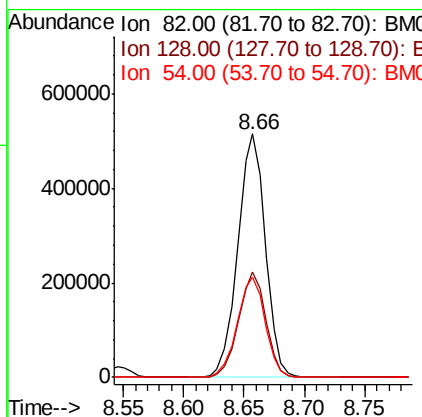
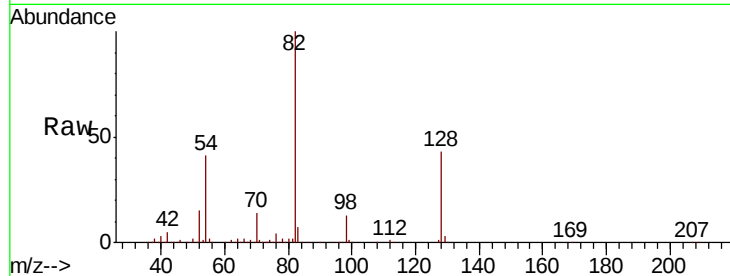




#23
Nitrobenzene-d5
Concen: 93.704 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

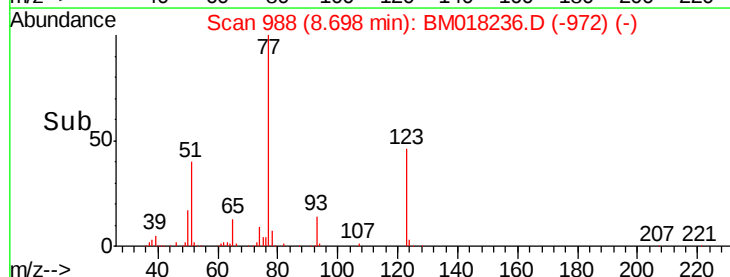
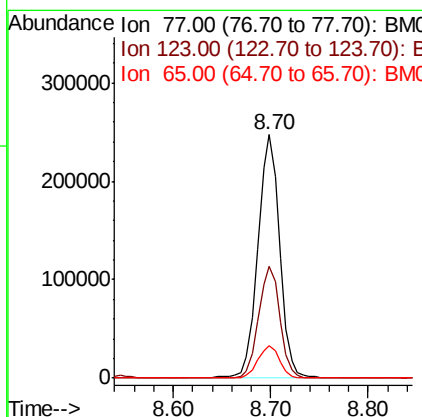
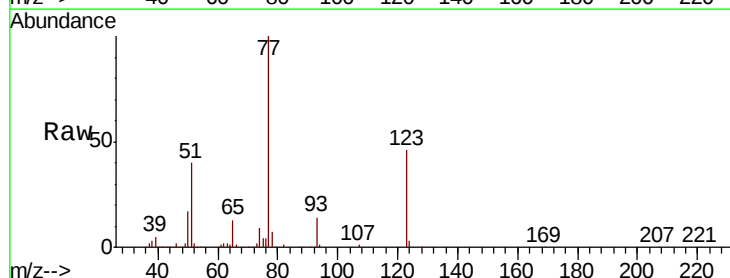
Instrument :
BNA_M
ClientSampleId :

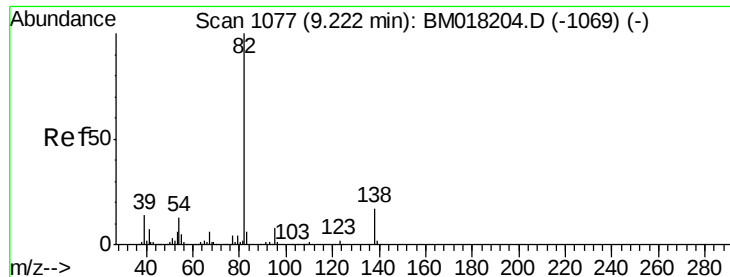
Tot Ion	82	Resp	821857
Ion Ratio	Lower	Upper	
82	100		
128	43.1	33.4	50.2
54	41.2	33.4	50.2



#24
Nitrobenzene
Concen: 44.103 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Tgt Ion	77	Resp	386503
Ion Ratio	Lower	Upper	
77	100		
123	46.0	35.4	53.2
65	13.1	10.6	15.8





#25

Isophorone

Concen: 45.443 ng

RT: 9.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampled :

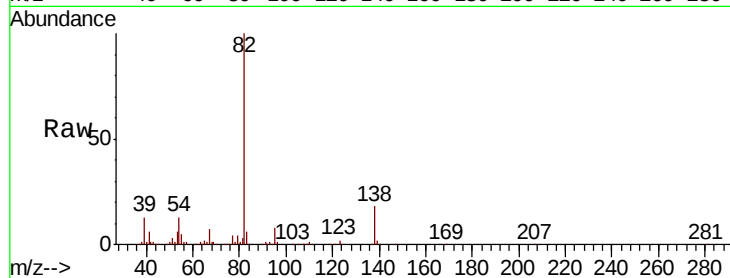
Tot Ion: 82 Resp: 663565

Ion Ratio Lower Upper

82 100

95 7.5 6.4 9.6

138 18.2 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) (-)

9.22

400000

300000

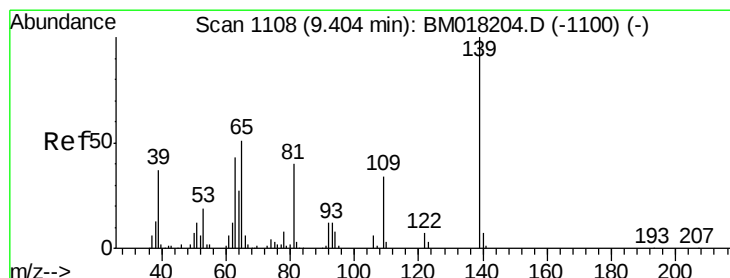
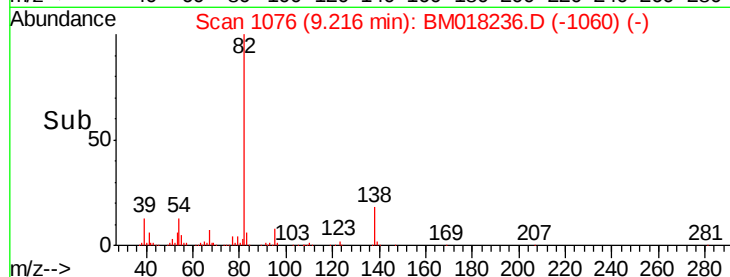
200000

100000

0

9.15 9.20 9.25 9.30

Time-->



#26

2-Nitrophenol

Concen: 42.413 ng

RT: 9.40 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

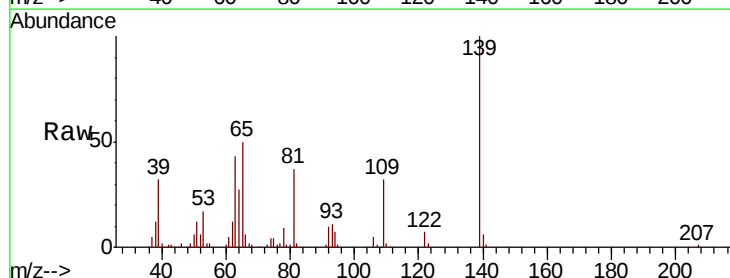
Tgt Ion: 139 Resp: 182306

Ion Ratio Lower Upper

139 100

109 31.8 27.4 41.0

65 49.9 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) (-)

9.40

150000

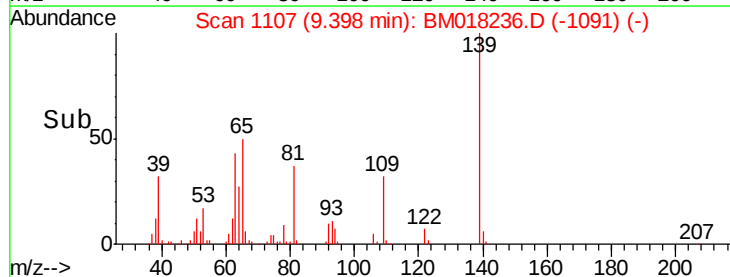
100000

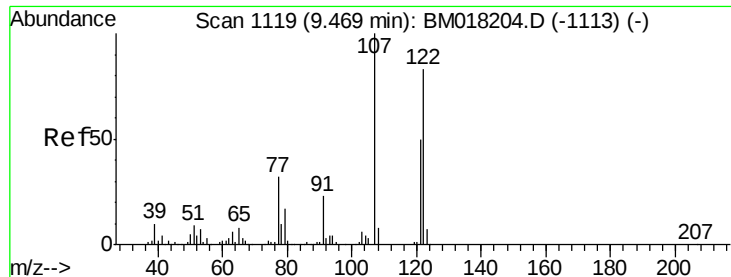
50000

0

9.30 9.35 9.40 9.45 9.50

Time-->

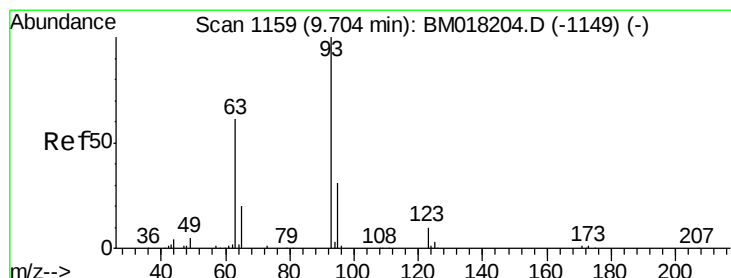
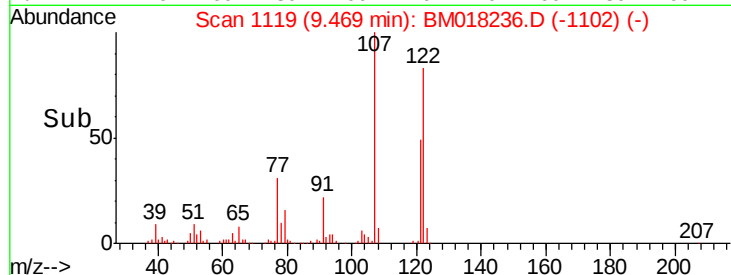
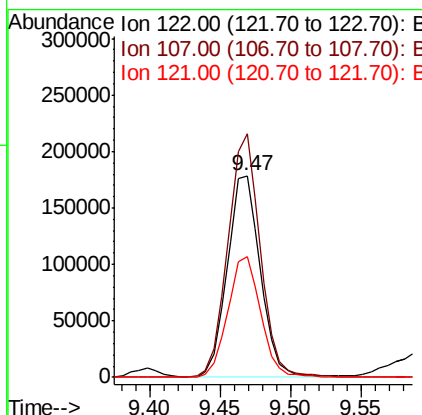
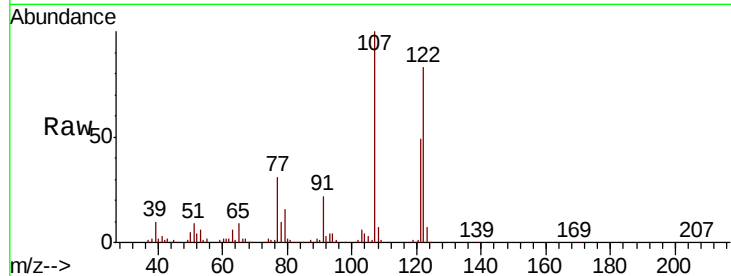




#27
 2,4-Dimethylphenol
 Concen: 46.614 ng
 RT: 9.47 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

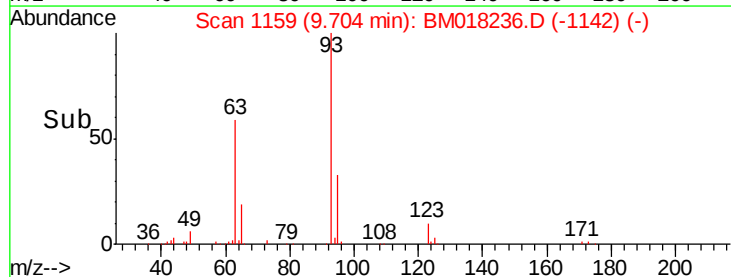
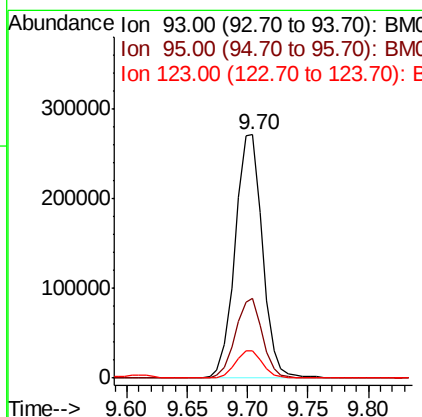
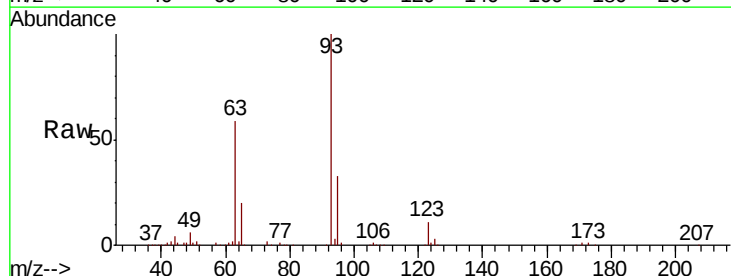
Instrument :
 BNA_M
 ClientSampleId :

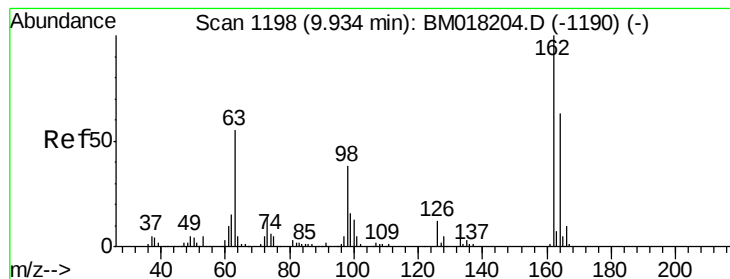
Tot Ion	Ion	Ratio	Lower	Upper
122	100			
107	120.8	96.5	144.7	
121	59.7	48.2	72.4	



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.158 ng
 RT: 9.70 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
95	33.0	25.3	37.9	
123	11.2	9.3	13.9	





#29

2,4-Dichlorophenol

Concen: 44.547 ng

RT: 9.93 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampleId :

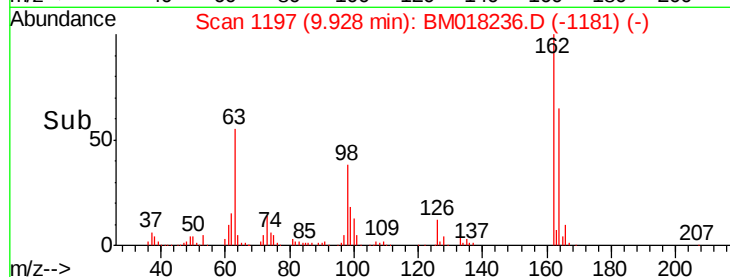
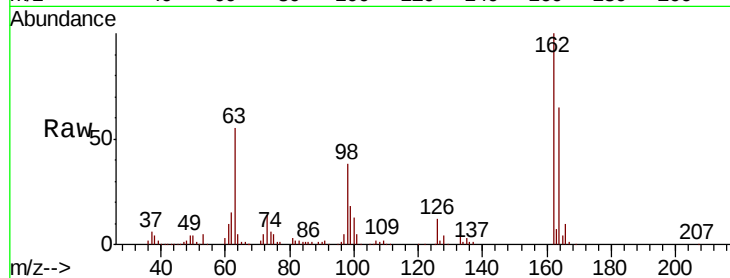
Tot Ion:162 Resp: 305970

Ion Ratio Lower Upper

162 100

164 65.3 43.0 83.0

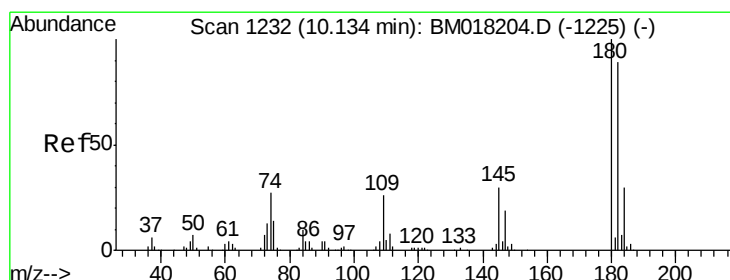
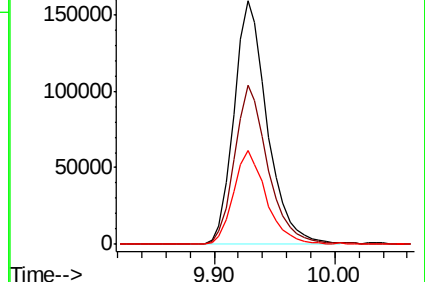
98 38.3 18.3 58.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 41.962 ng

RT: 10.13 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

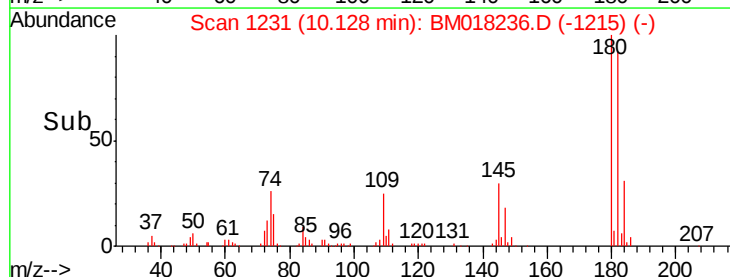
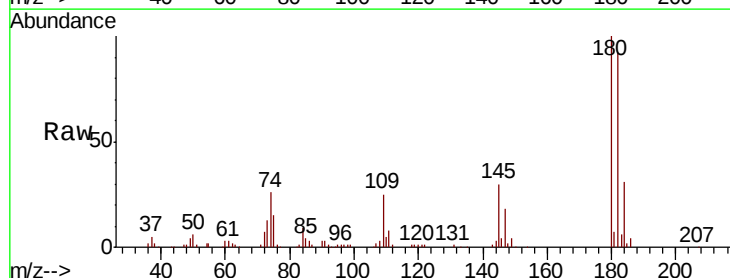
Tgt Ion:180 Resp: 327838

Ion Ratio Lower Upper

180 100

182 92.1 71.4 107.2

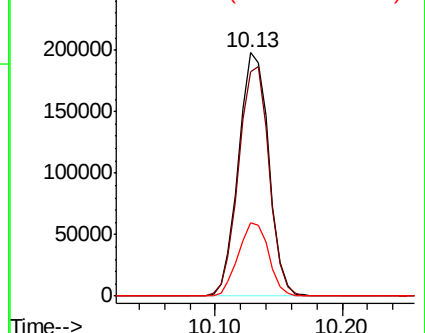
145 30.1 24.4 36.6

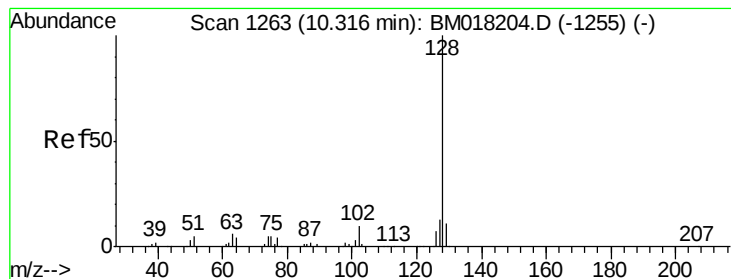


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

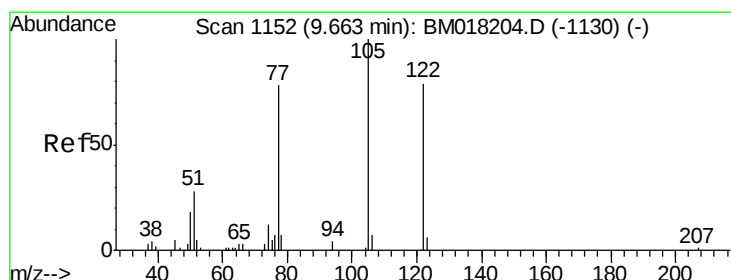
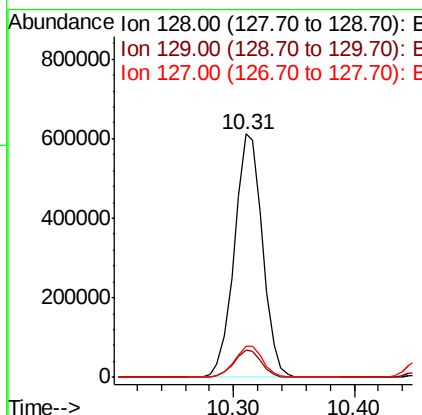
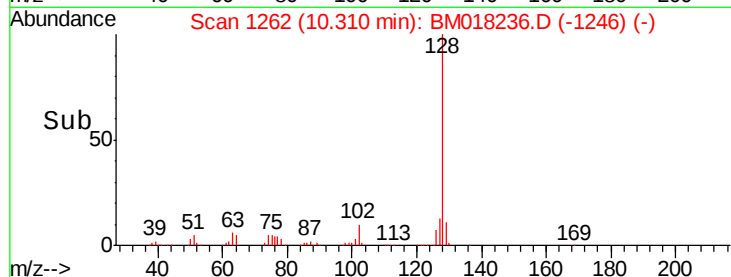
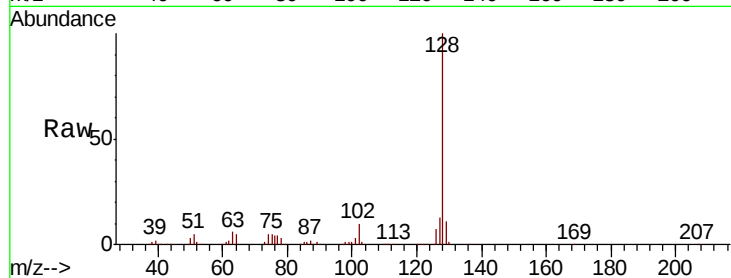




#31
Naphthalene
Concen: 44.987 ng
RT: 10.31 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

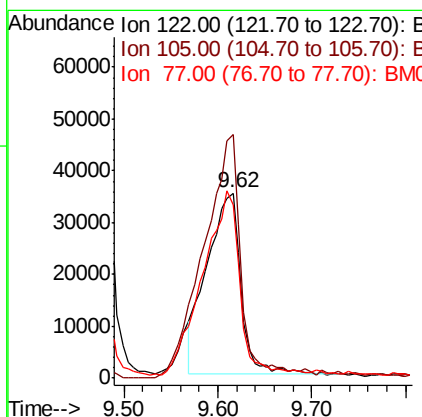
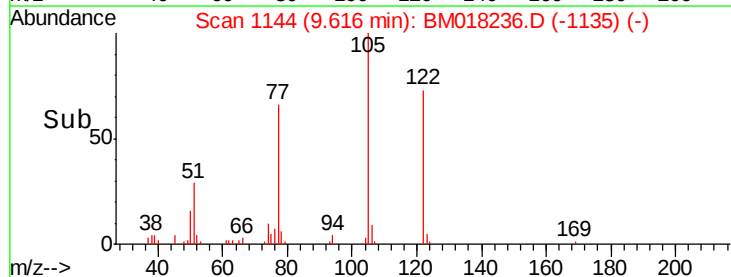
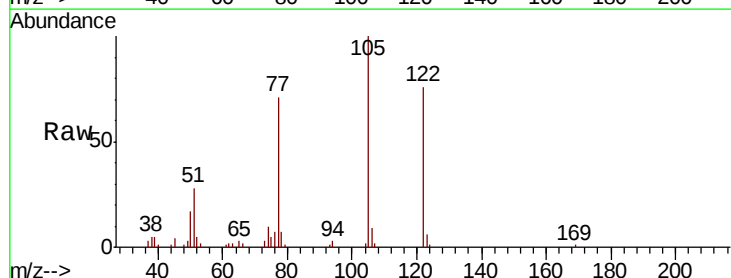
Instrument :
BNA_M
ClientSampleId :

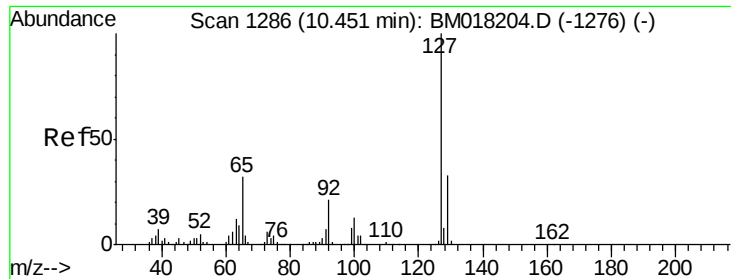
Tot Ion:128 Resp: 989629
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 15.134 ng
RT: 9.62 min Scan# 1144
Delta R.T. -0.05 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Tgt Ion:122 Resp: 88773
Ion Ratio Lower Upper
122 100
105 131.6 104.8 144.8
77 93.4 77.7 117.7

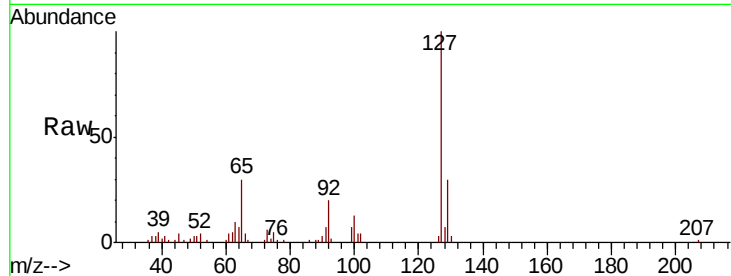




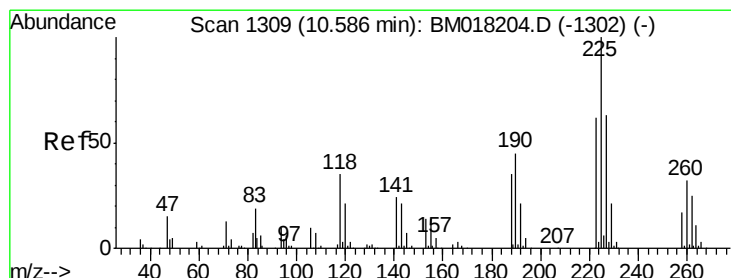
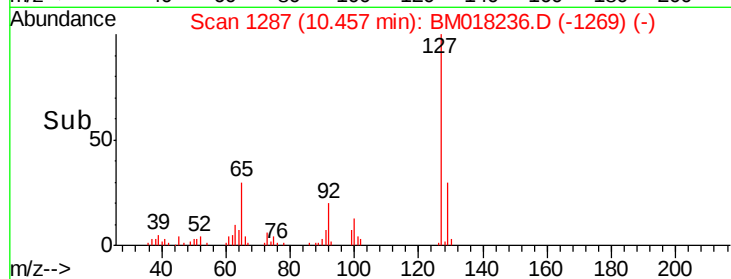
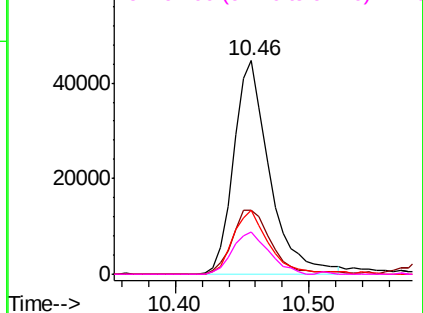
#33
4-Chloroaniline
Concen: 8.677 ng
RT: 10.46 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	83612
Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.4	39.6
65	29.8	25.6	38.4
92	19.8	17.0	25.6

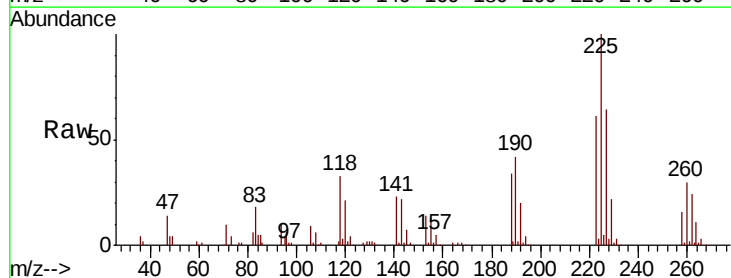


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

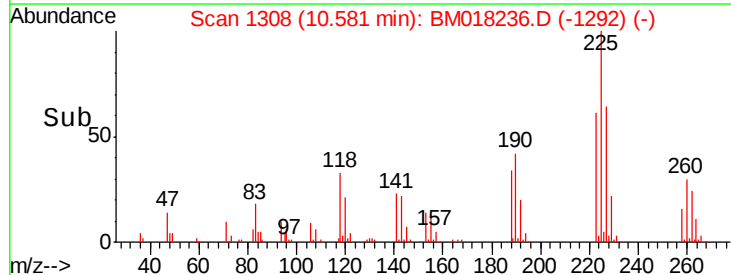
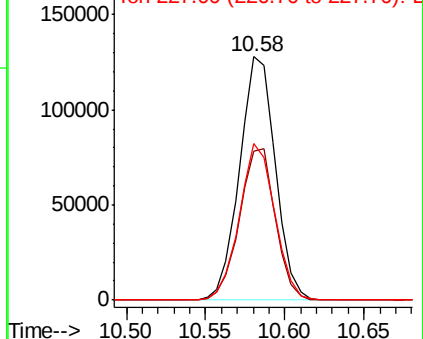


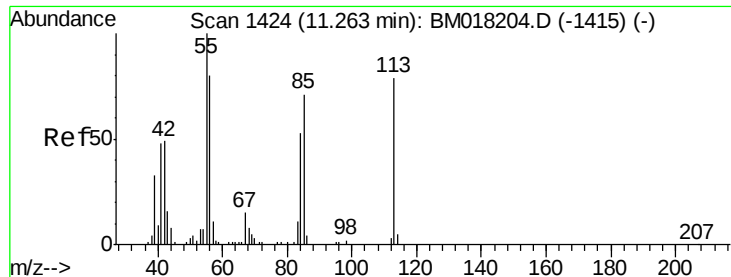
#34
Hexachlorobutadiene
Concen: 40.506 ng
RT: 10.58 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Tgt Ion:	225	Resp:	200150
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.8	74.6
227	64.4	50.2	75.4



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





#35

Caprolactam

Concen: 29.506 ng

RT: 11.25 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampleId :

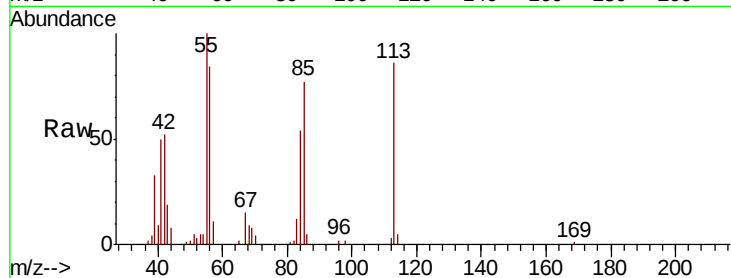
Tot Ion:113 Resp: 77223

Ion Ratio Lower Upper

113 100

55 116.4 105.9 145.9

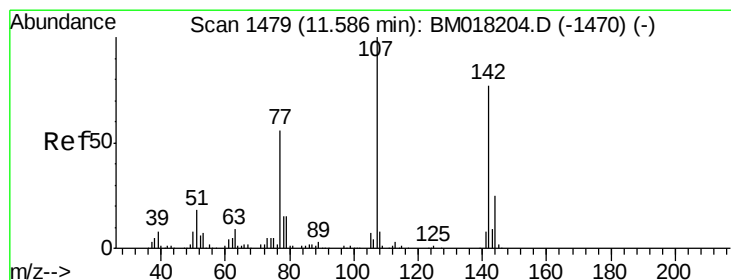
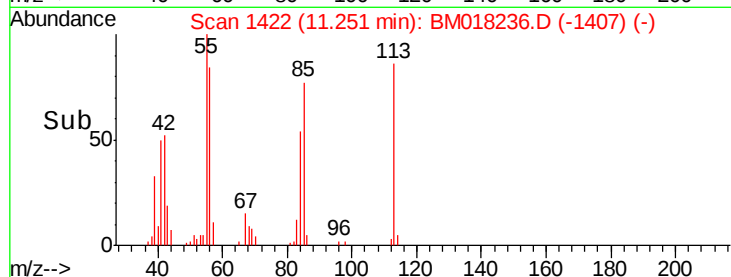
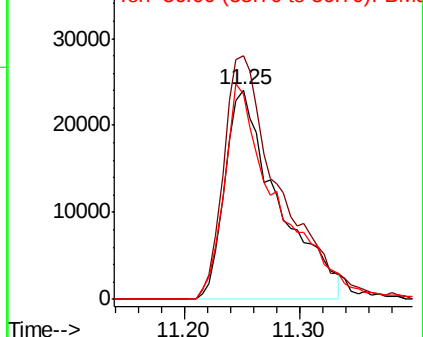
56 98.2 80.1 120.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 36.479 ng

RT: 11.59 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

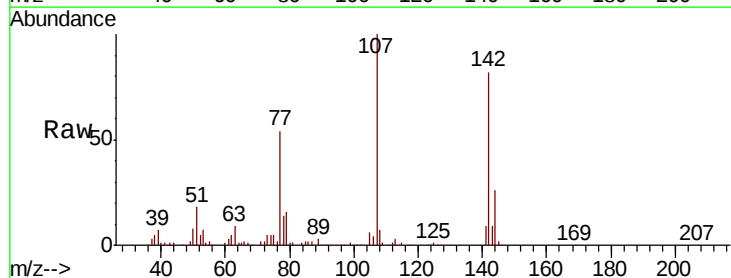
Tgt Ion:107 Resp: 301066

Ion Ratio Lower Upper

107 100

144 25.8 20.1 30.1

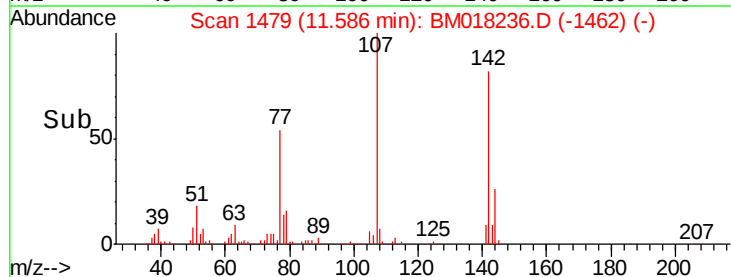
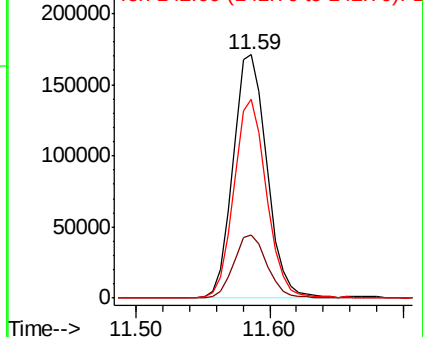
142 81.9 61.7 92.5

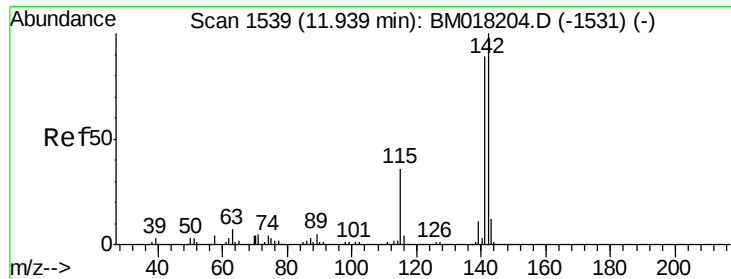


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

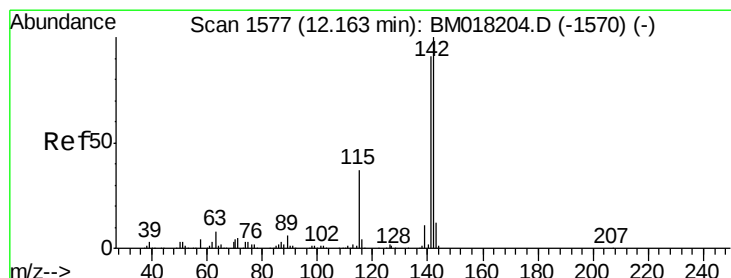
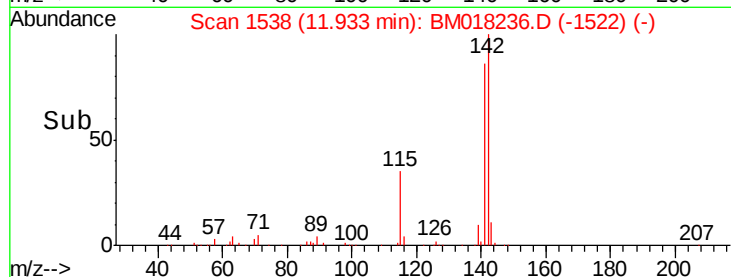
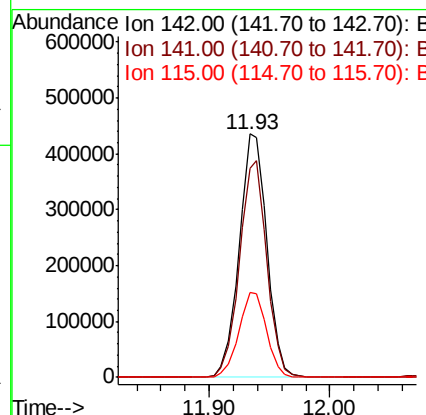
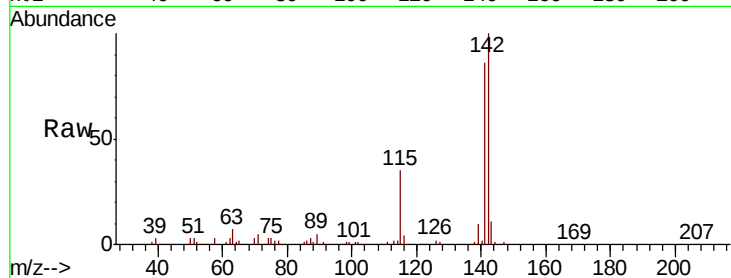




#37
2-Methylnaphthalene
Concen: 44.911 ng
RT: 11.93 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

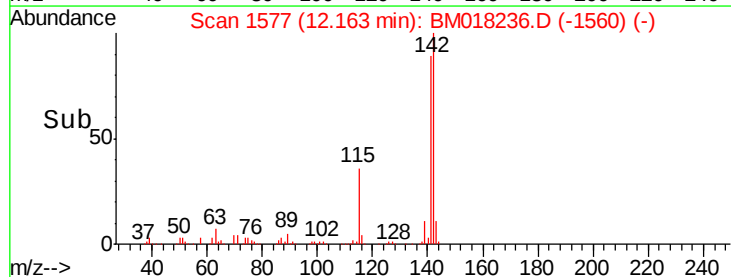
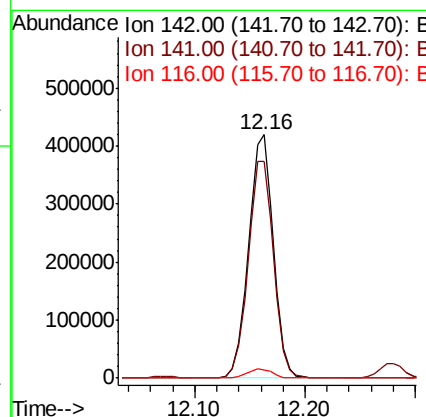
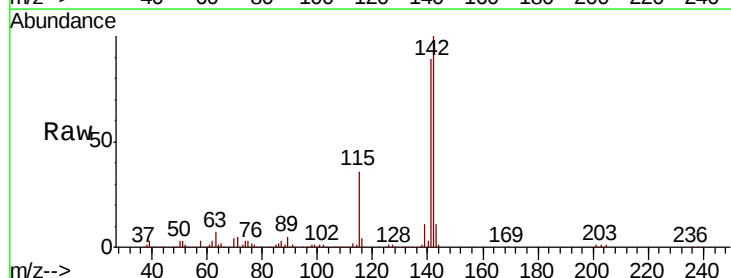
Instrument :
BNA_M
ClientSampled :

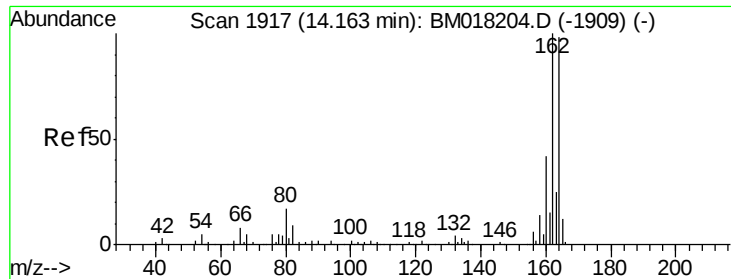
Tot Ion	Ratio	Lower	Upper
142	100		
141	85.8	71.4	107.2
115	34.7	29.0	43.6



#38
1-Methylnaphthalene
Concen: 43.451 ng
RT: 12.16 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.0	109.4
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.16 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampleId :

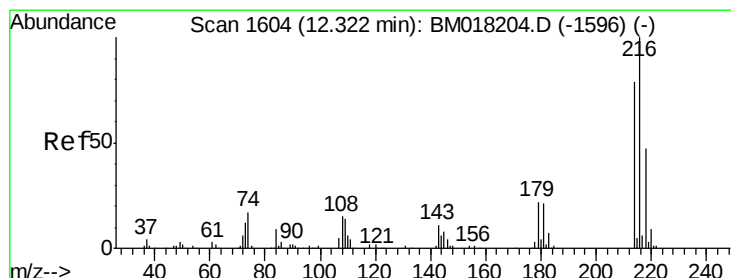
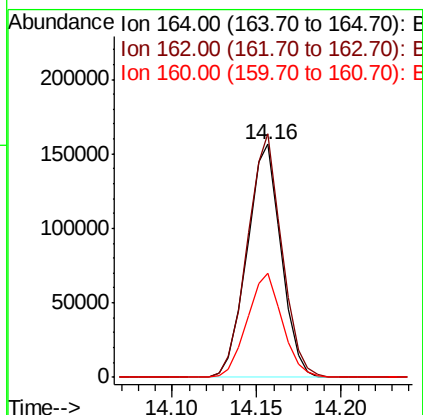
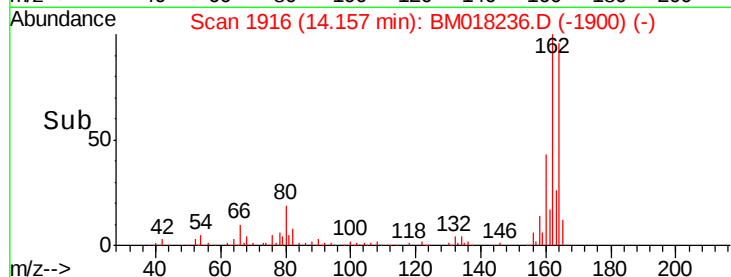
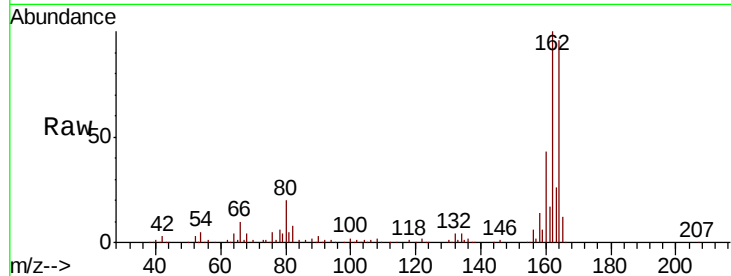
Tot Ion:164 Resp: 219429

Ion Ratio Lower Upper

164 100

162 104.5 81.8 122.6

160 44.5 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.405 ng

RT: 12.32 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Tgt Ion:216 Resp: 342605

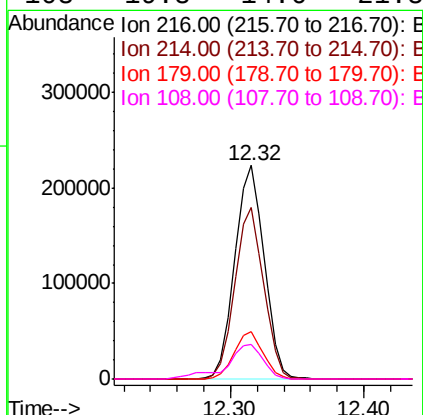
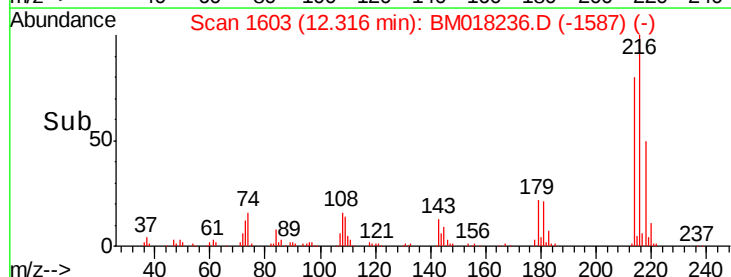
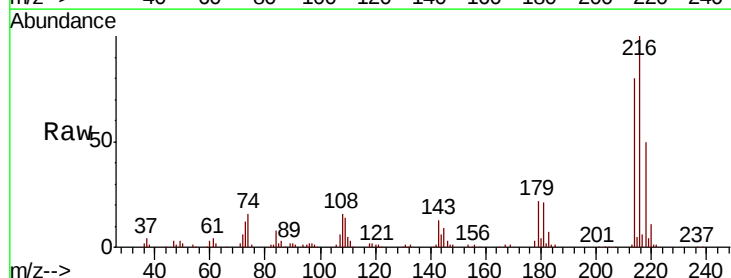
Ion Ratio Lower Upper

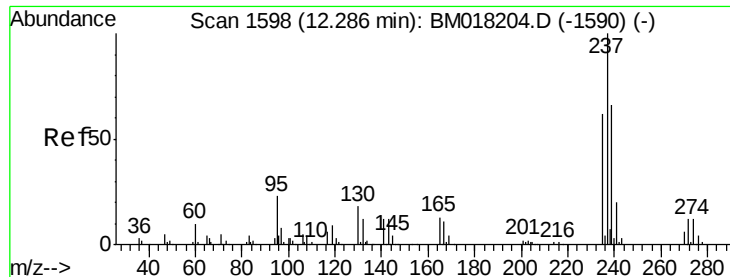
216 100

214 78.5 63.4 95.0

179 21.8 17.2 25.8

108 19.8 14.6 21.8





#41

Hexachlorocyclopentadiene

Concen: 98.117 ng

RT: 12.28 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampleId :

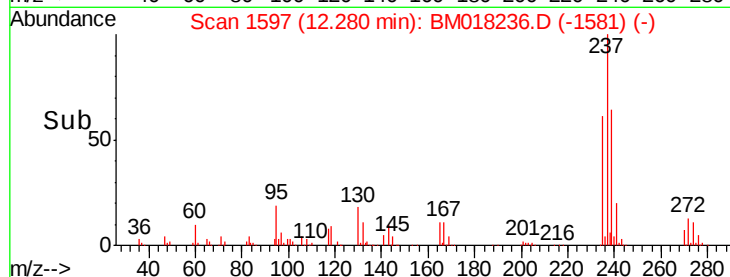
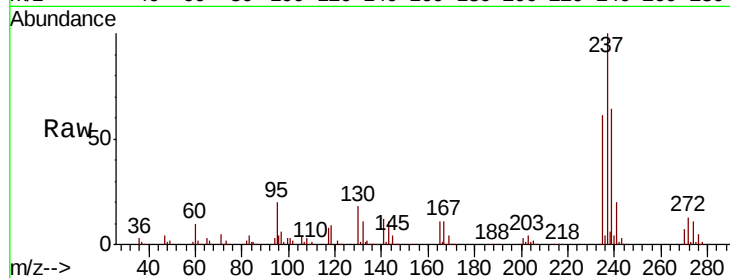
Tot Ion:237 Resp: 330943

Ion Ratio Lower Upper

237 100

235 60.6 42.1 82.1

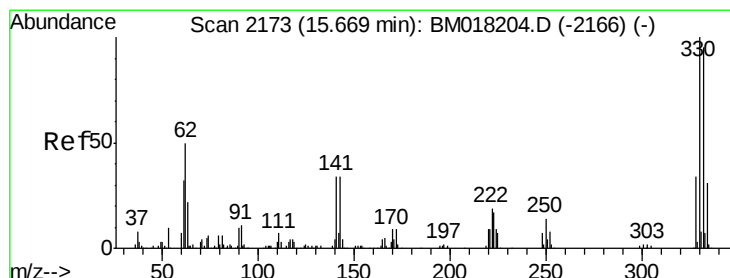
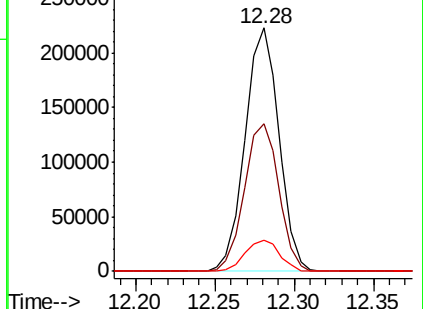
272 12.8 0.0 32.1



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: 116.045 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

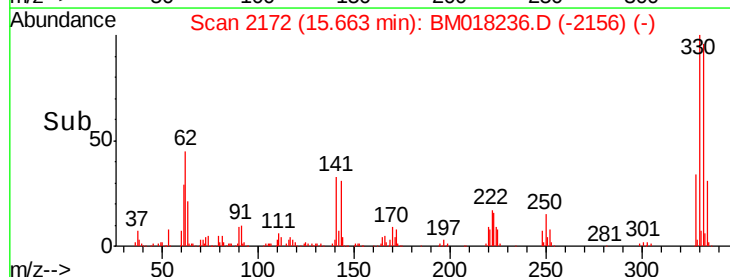
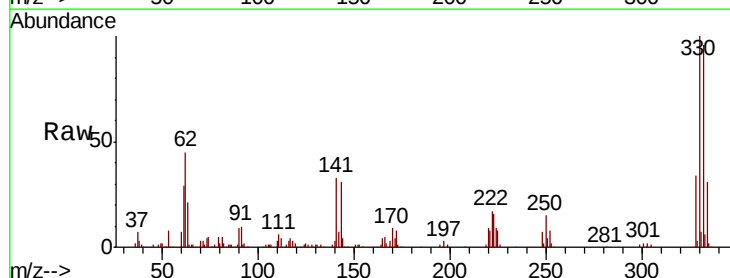
Tgt Ion:330 Resp: 373735

Ion Ratio Lower Upper

330 100

332 96.8 78.6 118.0

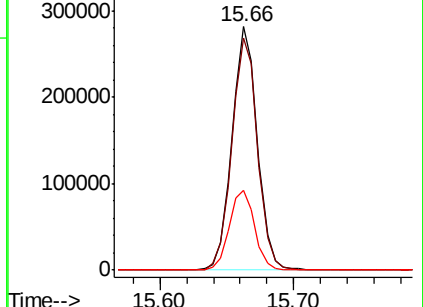
141 33.1 27.1 40.7

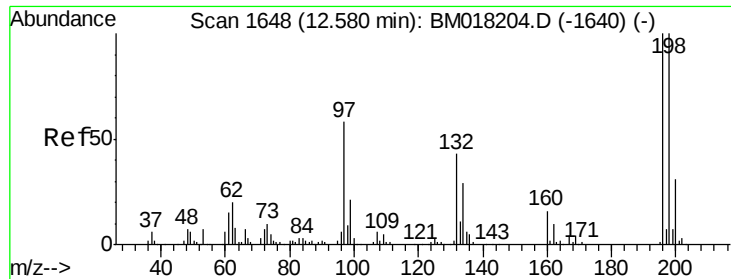


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

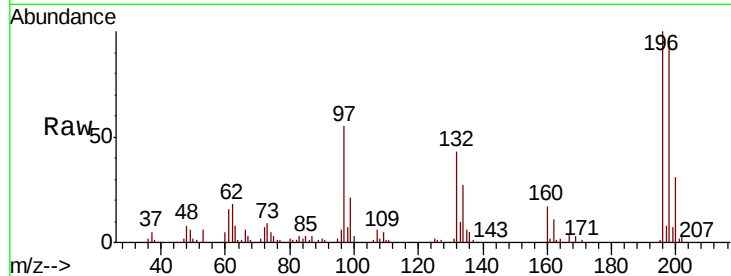




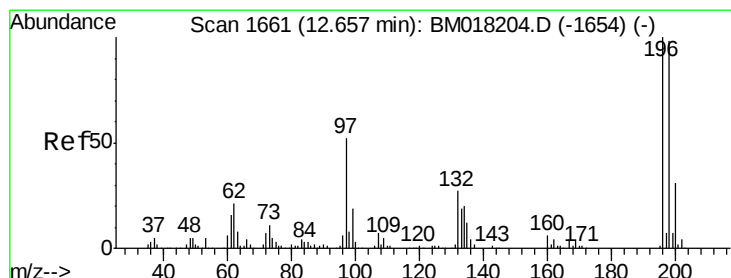
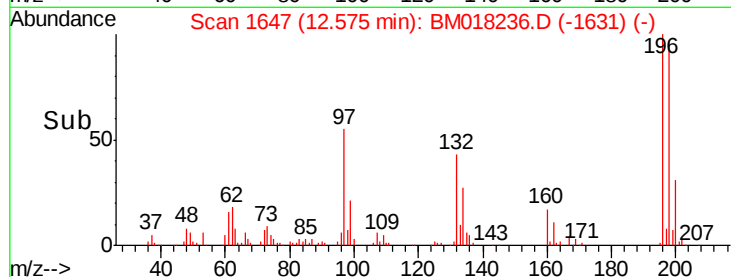
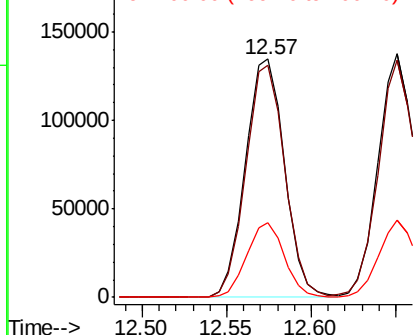
#43
 2,4,6-Trichlorophenol
 Concen: 44.763 ng
 RT: 12.57 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:196 Resp: 217241
 Ion Ratio Lower Upper
 196 100
 198 97.2 80.1 120.1
 200 31.3 24.9 37.3

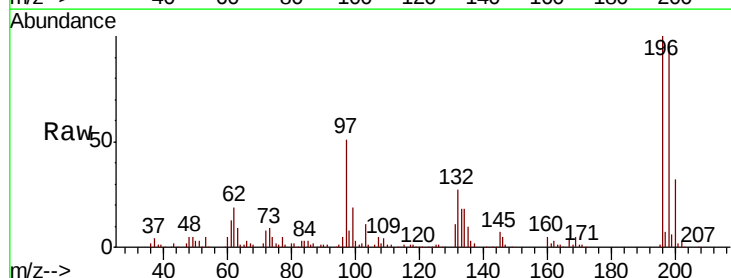


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

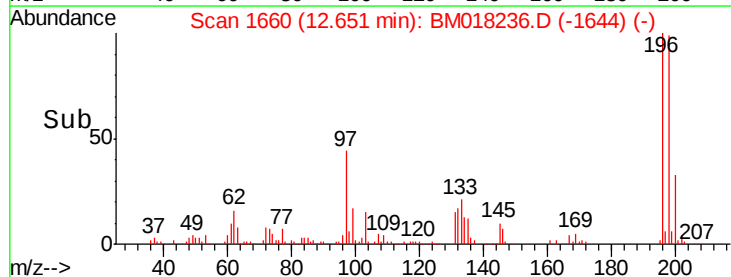
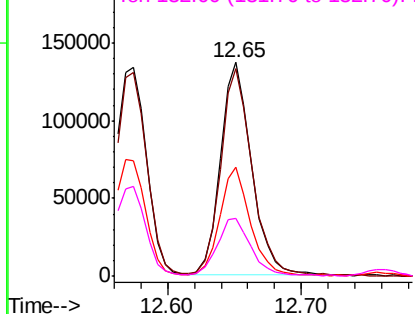


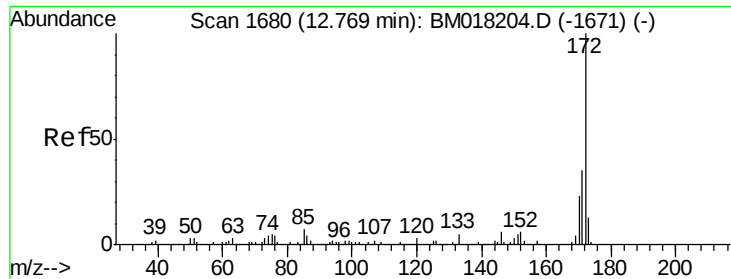
#44
 2,4,5-Trichlorophenol
 Concen: 43.409 ng
 RT: 12.65 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

Tgt Ion:196 Resp: 223654
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.5 117.7
 97 51.2 41.9 62.9
 132 26.7 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

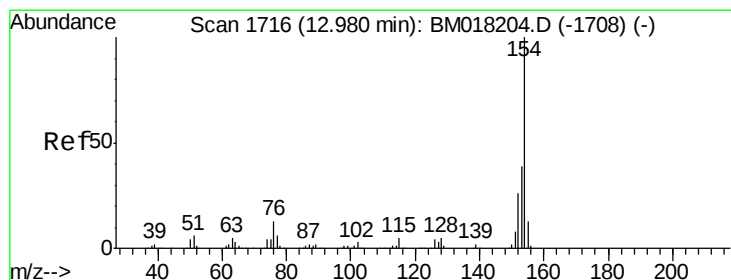
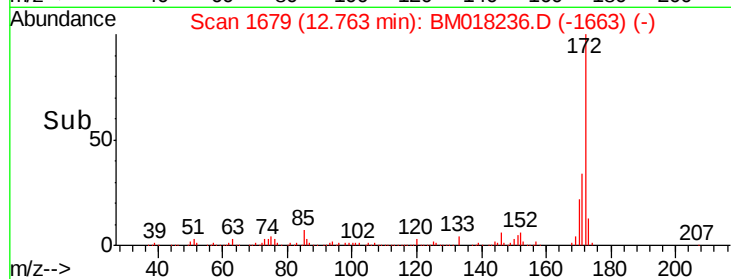
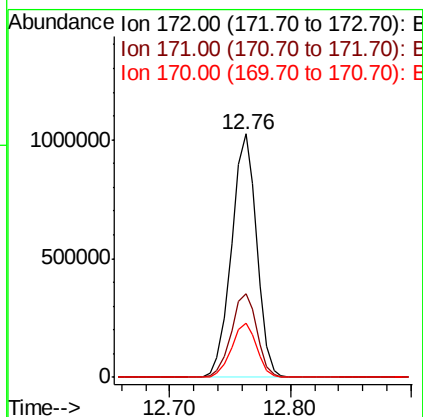
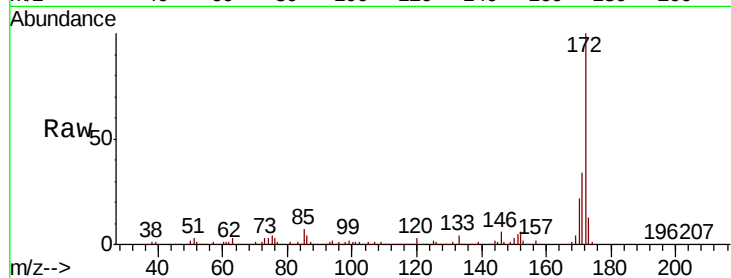




#45
2-Fluorobiphenyl
Concen: 87.534 ng
RT: 12.76 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

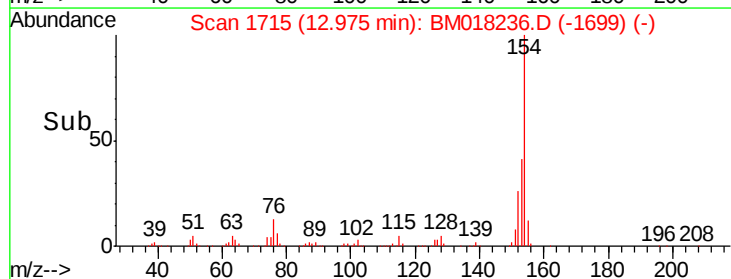
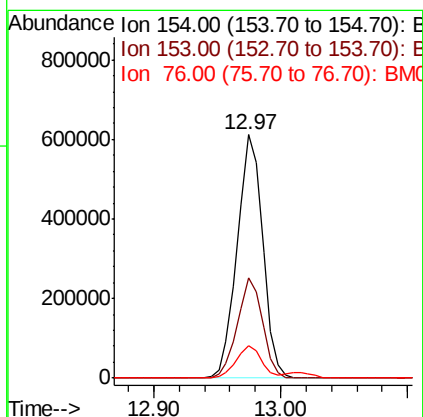
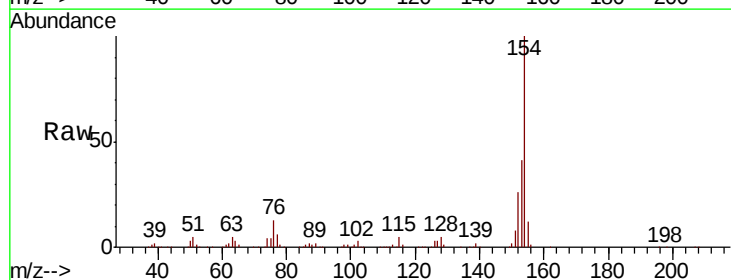
Instrument :
BNA_M
ClientSampleId :

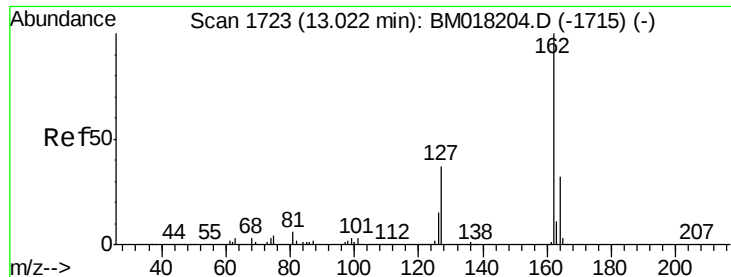
Tot Ion:172 Resp: 1482929
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.4 18.1 27.1



#46
1,1'-Biphenyl
Concen: 43.155 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Tgt Ion:154 Resp: 851904
Ion Ratio Lower Upper
154 100
153 41.2 19.5 59.5
76 13.1 0.0 33.1

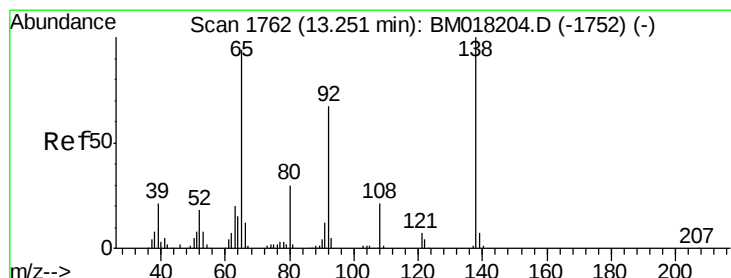
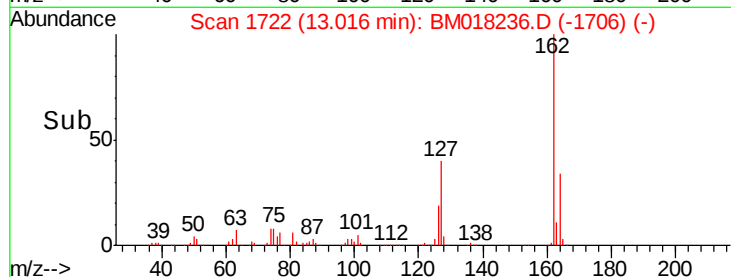
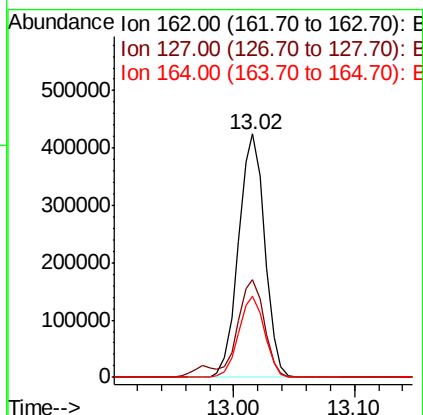
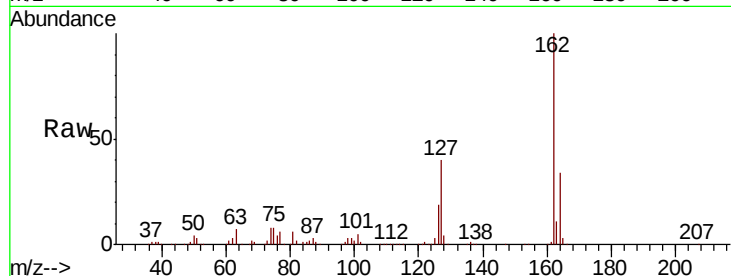




#47
2-Chloronaphthalene
Concen: 44.317 ng
RT: 13.02 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

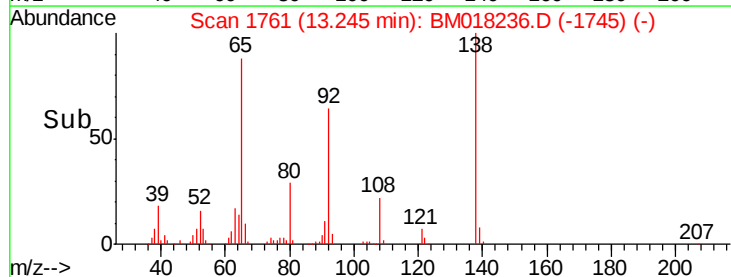
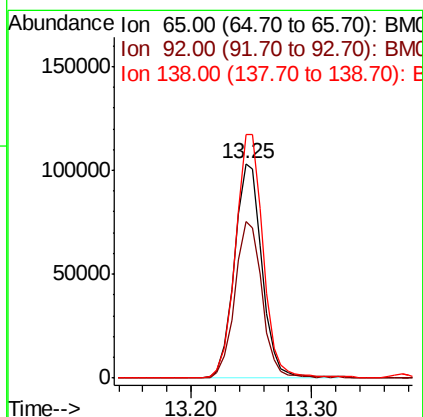
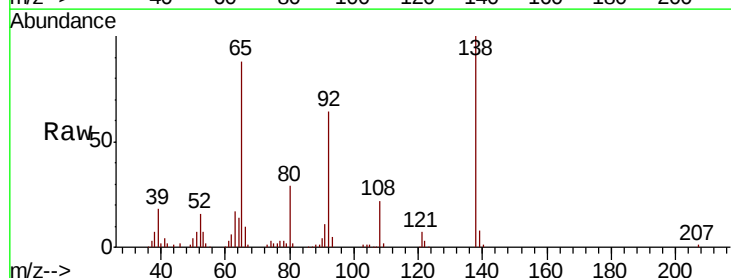
Instrument :
BNA_M
ClientSampleId :

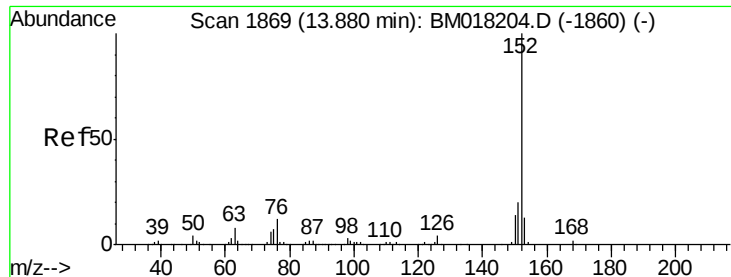
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.8	47.8
164	33.5	25.9	38.9



#48
2-Nitroaniline
Concen: 36.869 ng
RT: 13.25 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	56.8	85.2
138	113.3	85.1	127.7





#49

Acenaphthylene

Concen: 45.520 ng

RT: 13.87 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampleId :

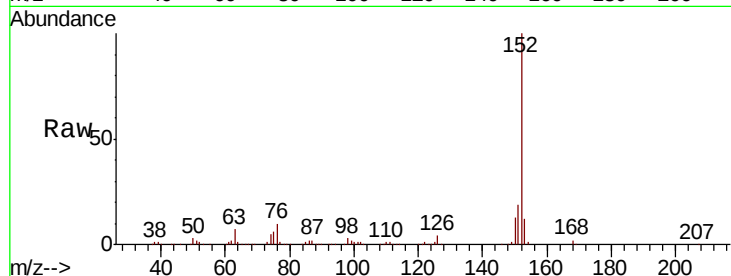
Tot Ion:152 Resp: 996696

Ion Ratio Lower Upper

152 100

151 19.1 16.0 24.0

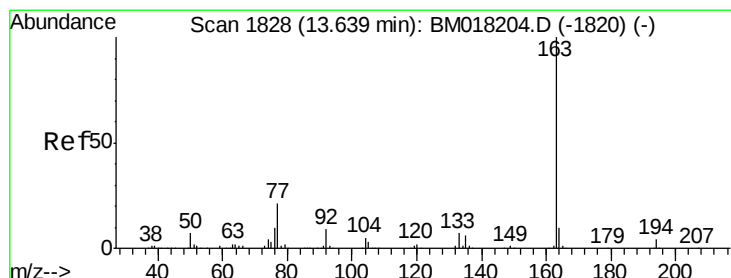
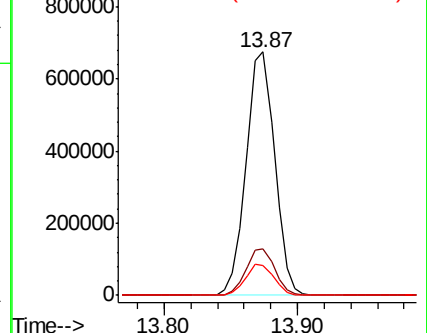
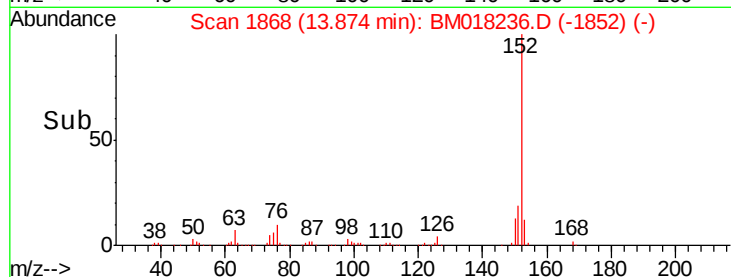
153 12.4 10.2 15.2



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: 45.755 ng

RT: 13.63 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

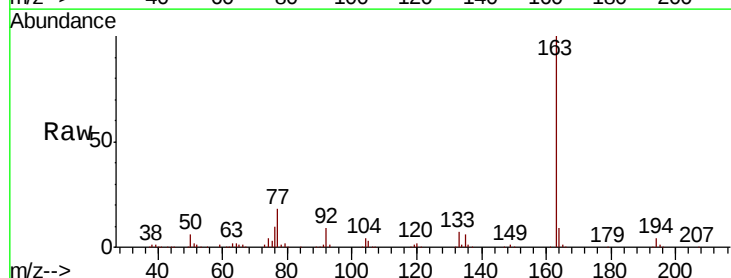
Tgt Ion:163 Resp: 834694

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

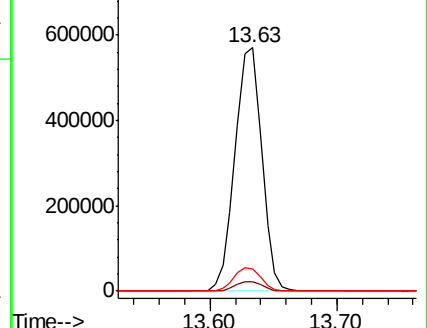
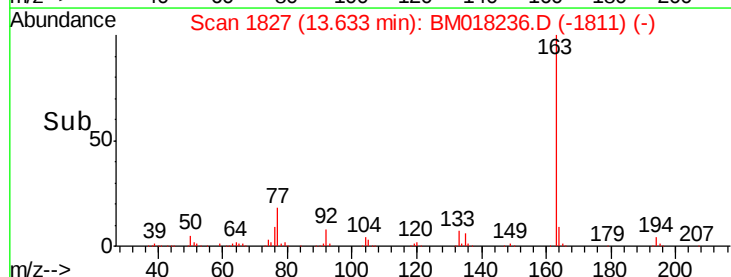
164 9.4 7.9 11.9

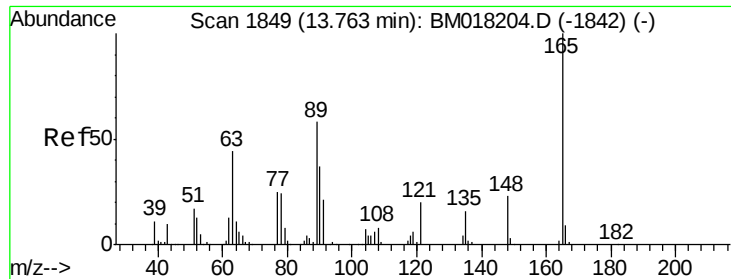


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

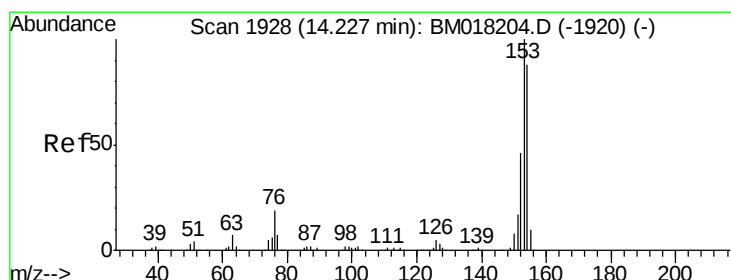
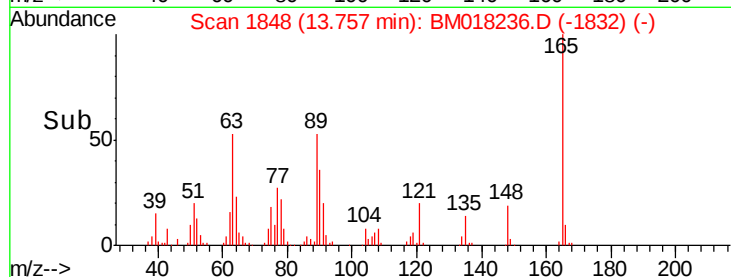
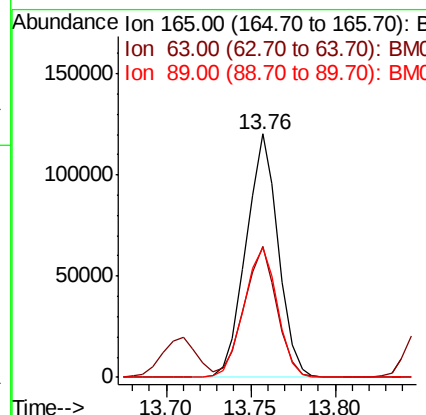
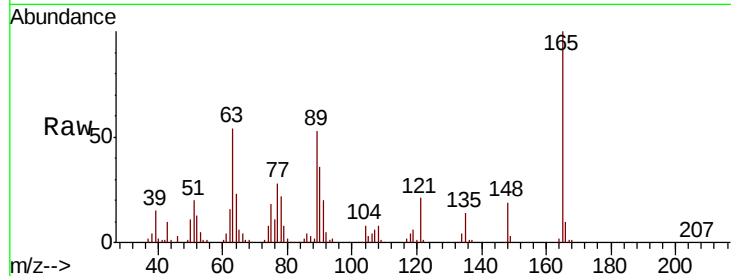




#51
 2,6-Dinitrotoluene
 Concen: 39.781 ng
 RT: 13.76 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

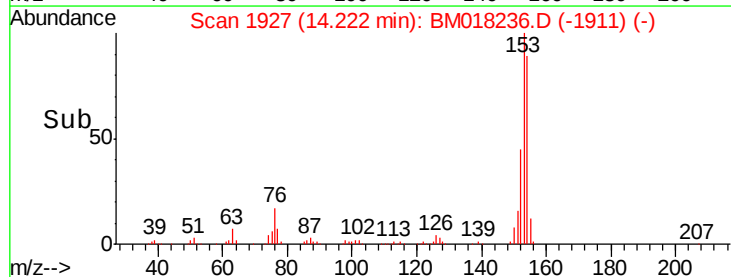
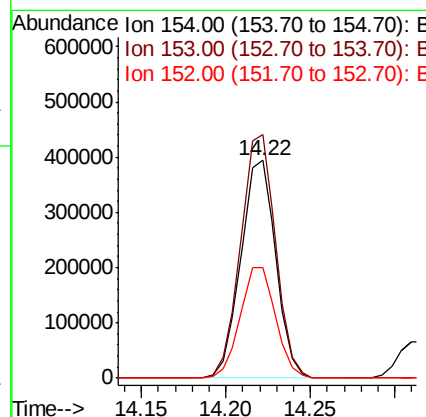
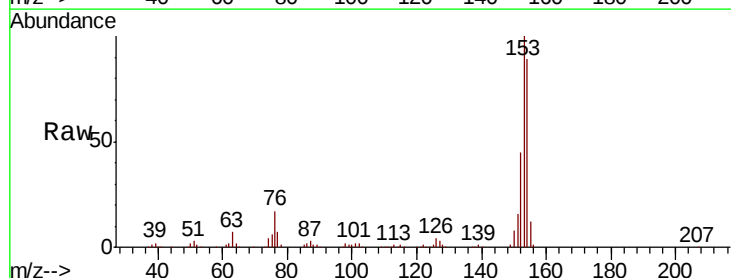
Instrument :
 BNA_M
 ClientSampleId :

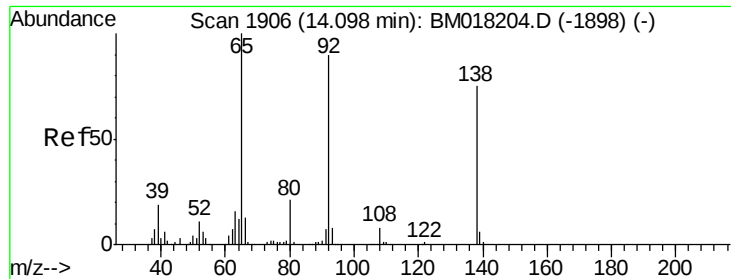
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.6	46.6	69.8
89	53.3	46.3	69.5



#52
 Acenaphthene
 Concen: 42.526 ng
 RT: 14.22 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.4	135.6
152	50.7	41.2	61.8





#53

3-Nitroaniline

Concen: 21.607 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampleId :

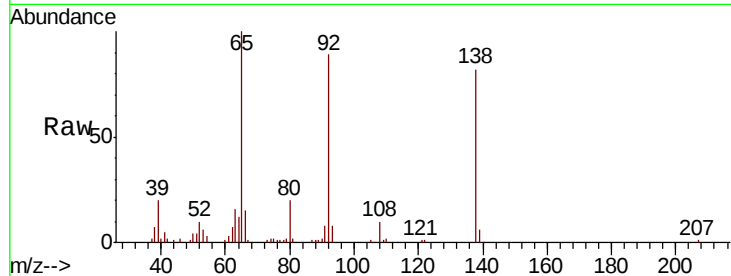
Tot Ion:138 Resp: 91187

Ion Ratio Lower Upper

138 100

108 12.0 8.4 12.6

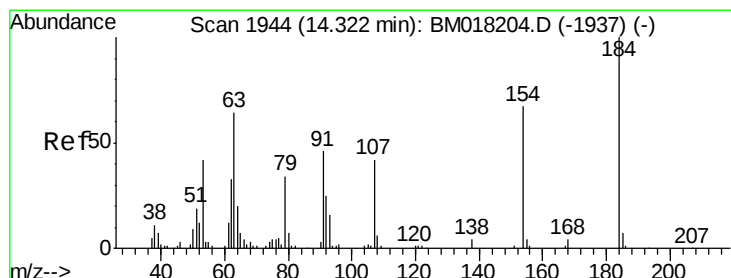
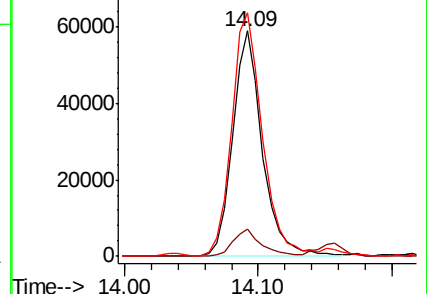
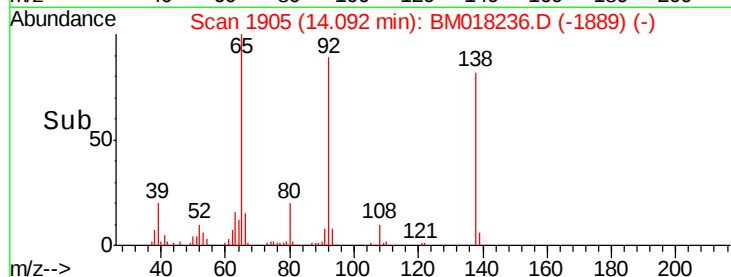
92 108.2 94.9 142.3



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: 73.905 ng

RT: 14.31 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

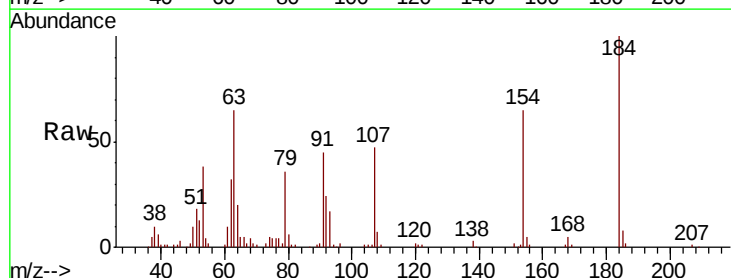
Tgt Ion:184 Resp: 163494

Ion Ratio Lower Upper

184 100

63 64.7 51.6 77.4

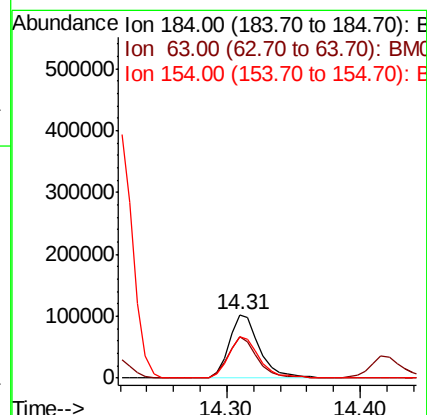
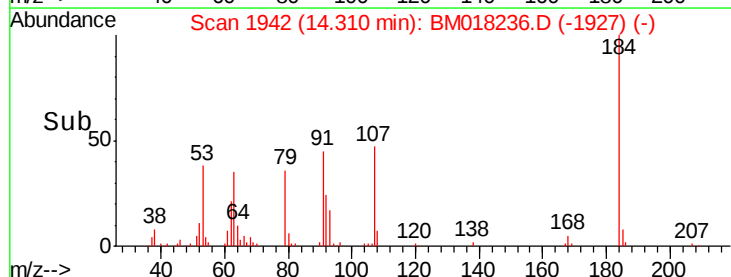
154 64.7 54.0 81.0

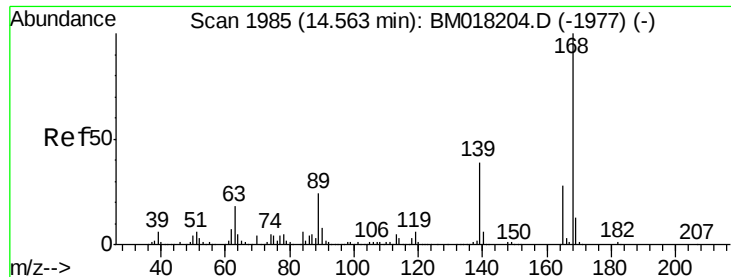


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

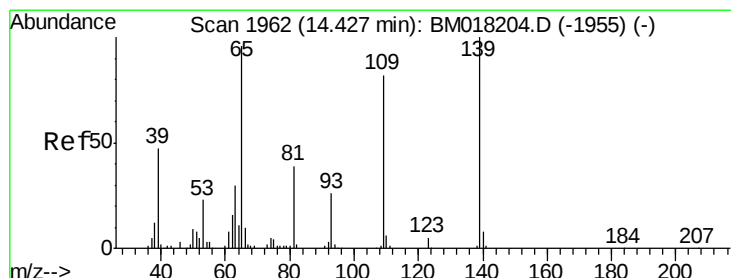
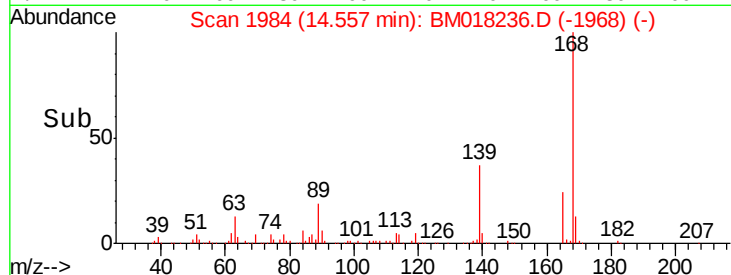
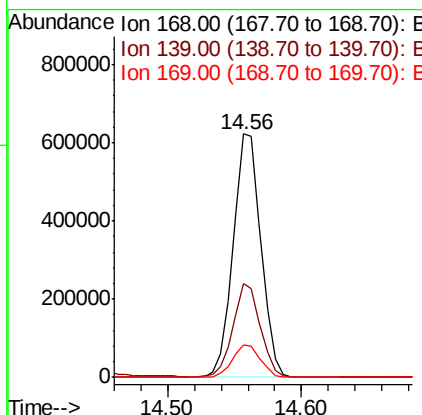
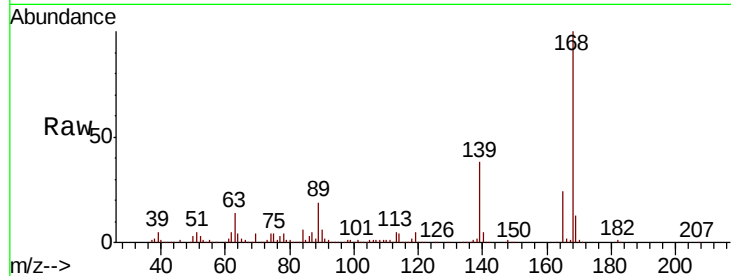




#55
Dibenzofuran
Concen: 41.973 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

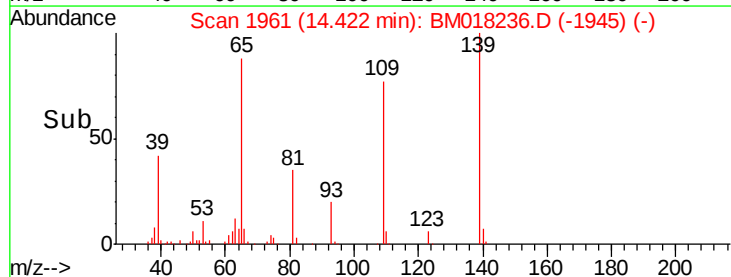
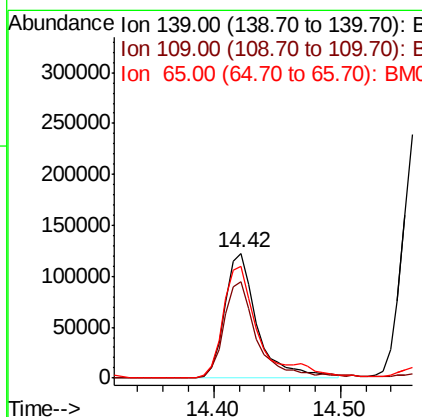
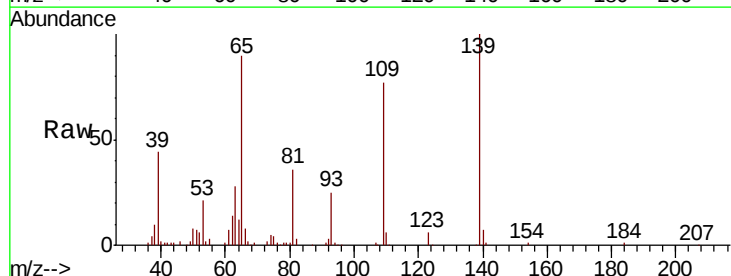
Instrument :
BNA_M
ClientSampleId :

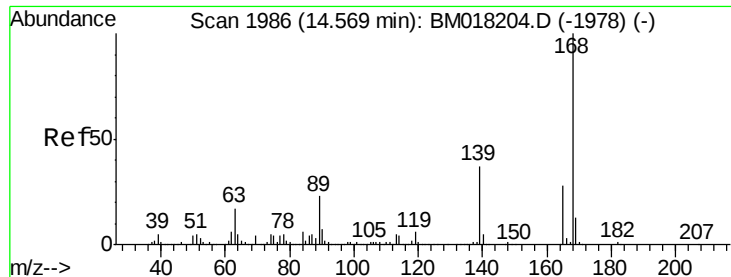
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.2	46.8
169	13.4	10.4	15.6



#56
4-Nitrophenol
Concen: 67.991 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.8	62.3	102.3
65	89.6	76.4	116.4

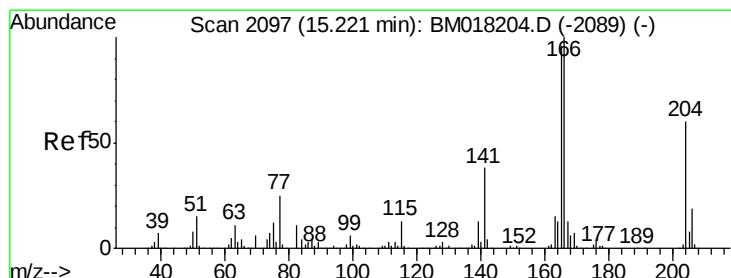
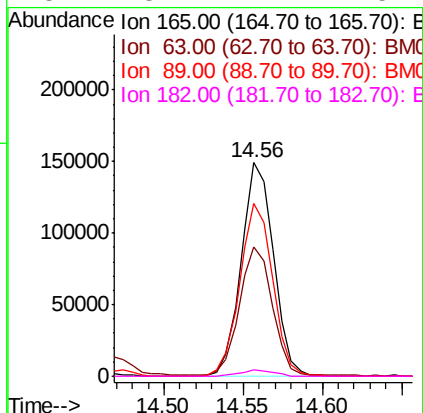
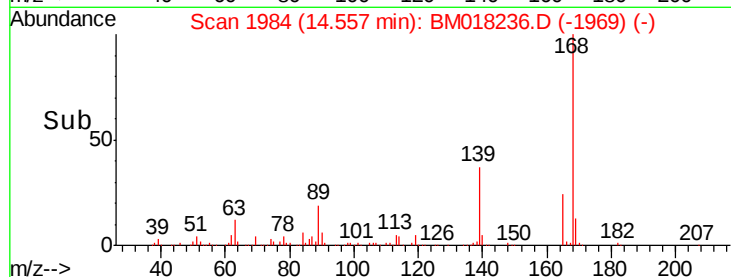
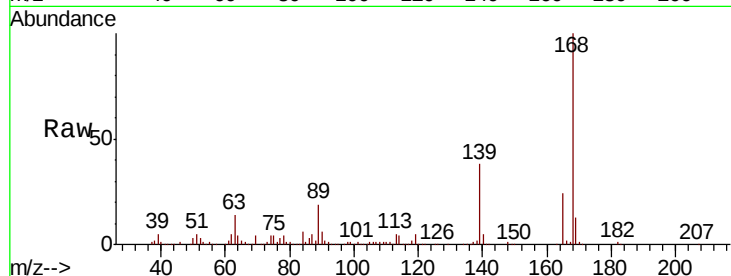




#57
2,4-Dinitrotoluene
Concen: 38.094 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

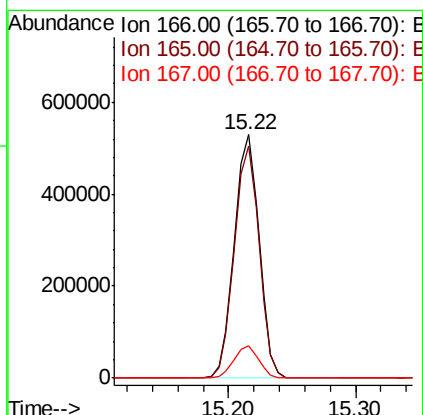
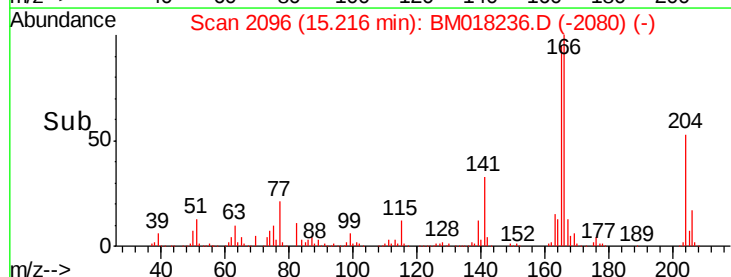
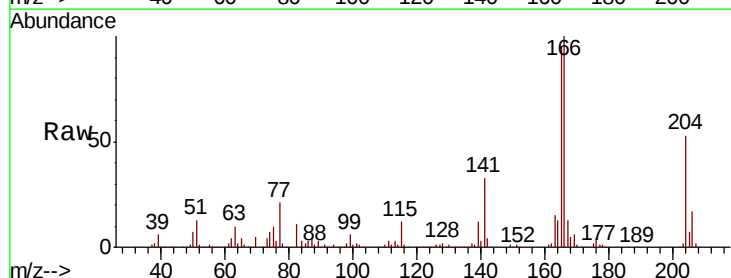
Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 211164
Ion Ratio Lower Upper
165 100
63 60.5 47.2 70.8
89 80.9 65.8 98.8
182 3.2 2.2 3.4



#58
Fluorene
Concen: 43.068 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Tgt Ion:166 Resp: 715200
Ion Ratio Lower Upper
166 100
165 95.1 76.9 115.3
167 13.1 10.5 15.7

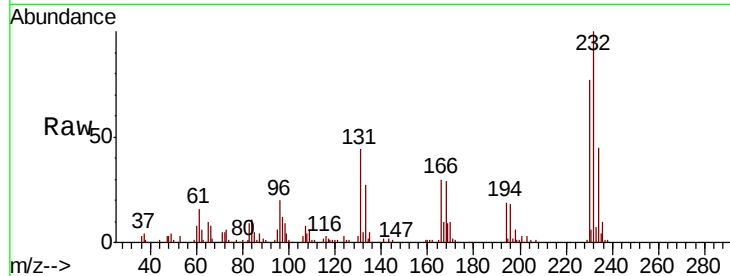




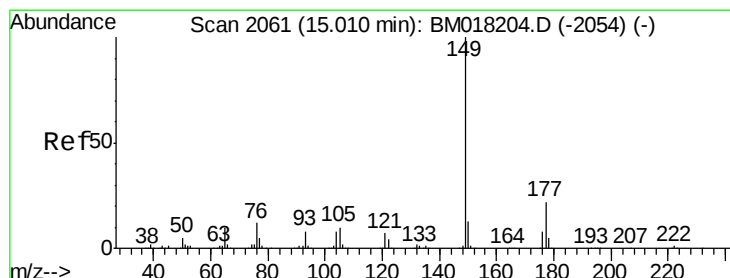
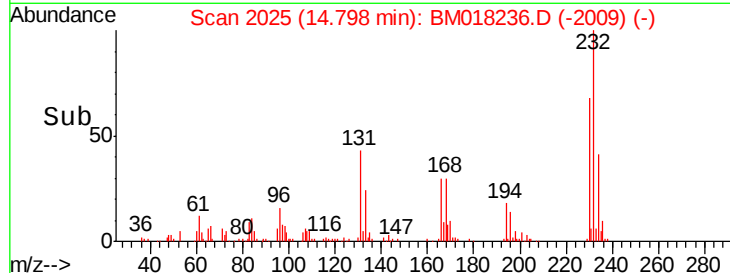
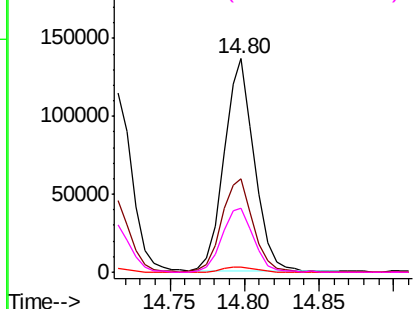
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.393 ng
 RT: 14.80 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232	Resp:	192066
Ion Ratio	Lower	Upper
232	100	
131	46.2	36.2 54.2
130	2.6	1.8 2.6
166	31.6	24.8 37.2

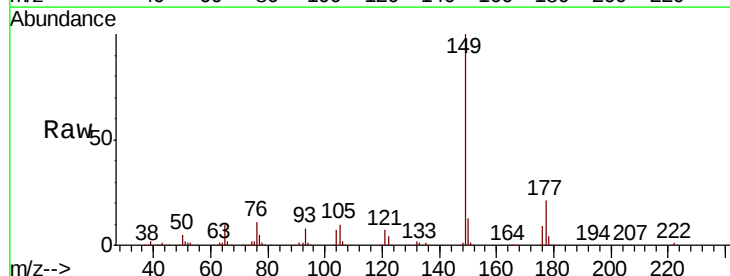


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

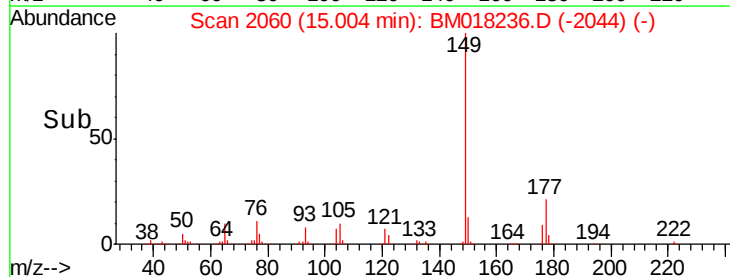
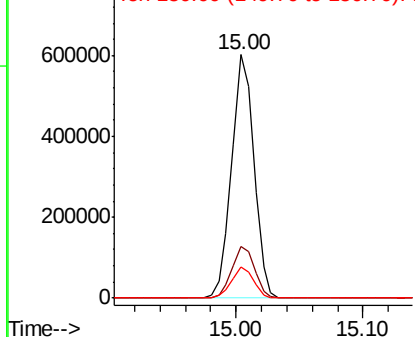


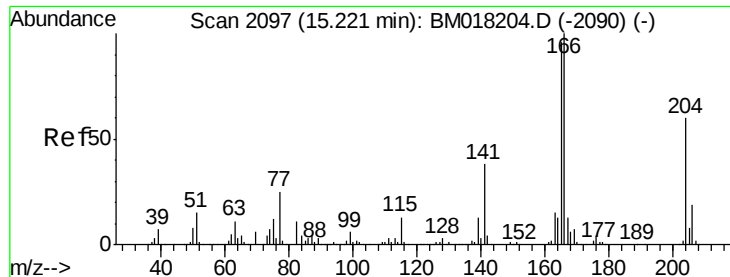
#60
 Diethylphthalate
 Concen: 37.157 ng
 RT: 15.00 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

Tgt Ion:149	Resp:	731505
Ion Ratio	Lower	Upper
149	100	
177	21.0	17.8 26.8
150	12.6	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

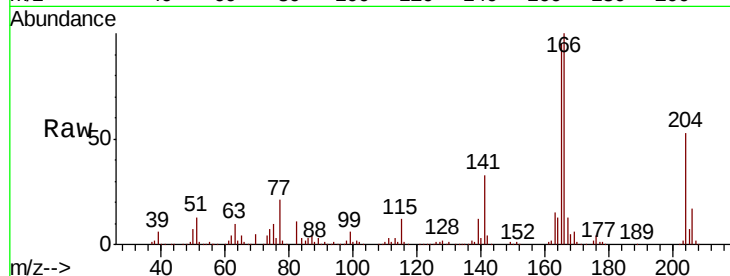




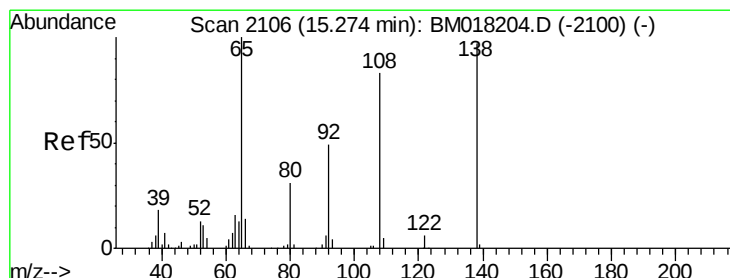
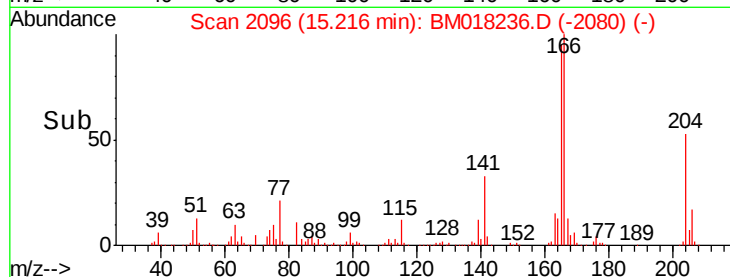
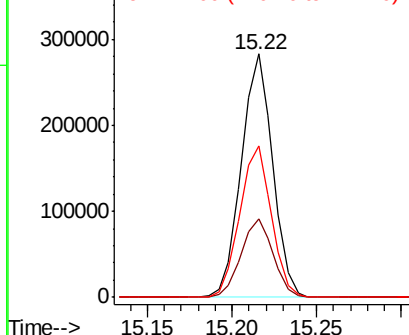
#61
 4-Chlorophenyl-phenylether
 Concen: 38.881 ng
 RT: 15.22 min Scan# 2096
 Delta R.T. -0.01 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 365164
 Ion Ratio Lower Upper
 204 100
 206 32.1 25.8 38.6
 141 62.5 50.2 75.4

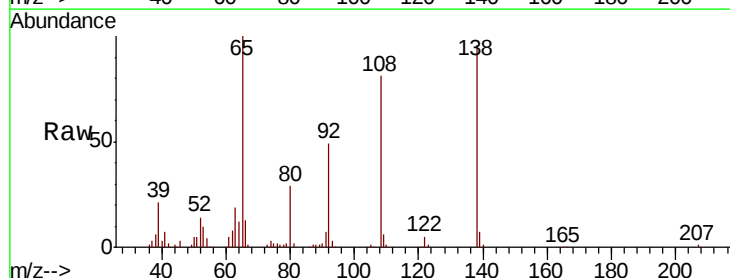


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

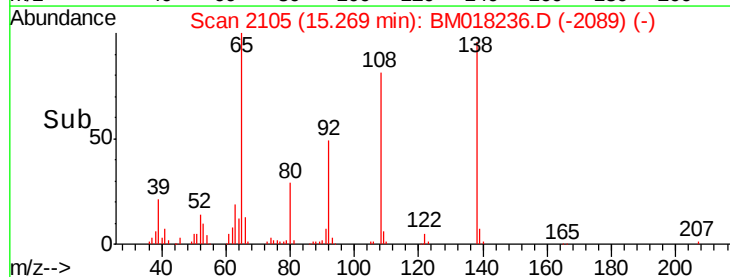
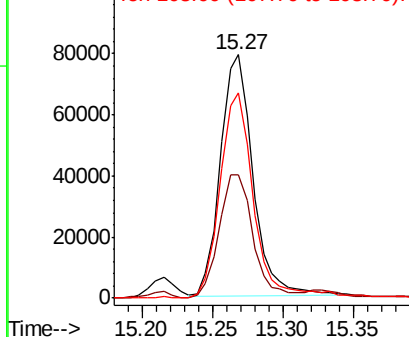


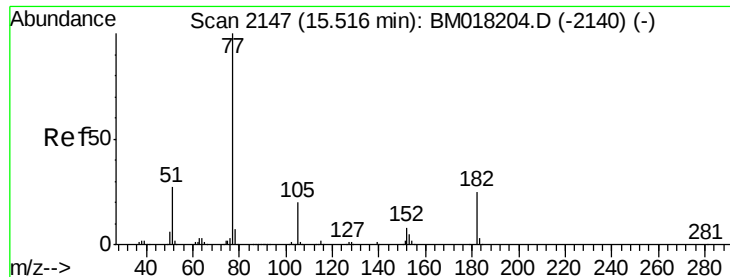
#62
 4-Nitroaniline
 Concen: 32.060 ng
 RT: 15.27 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

Tgt Ion:138 Resp: 128383
 Ion Ratio Lower Upper
 138 100
 92 50.8 31.1 71.1
 108 84.4 65.0 105.0



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E

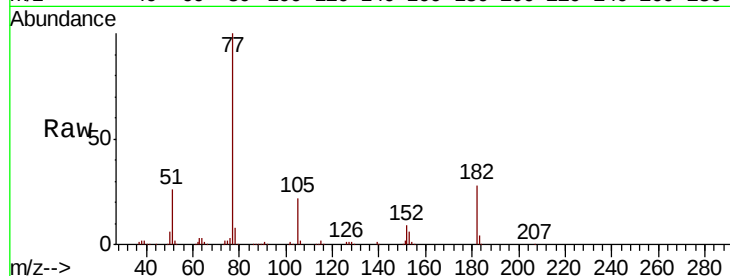




#63
Azobenzene
Concen: 35.491 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	77	Resp:	637103
Ion	Ratio	Lower	Upper
77	100		
182	27.7	4.6	44.6
105	22.4	0.2	40.2
51	25.9	7.0	47.0

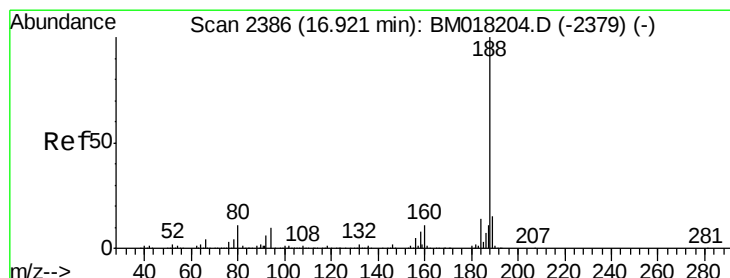
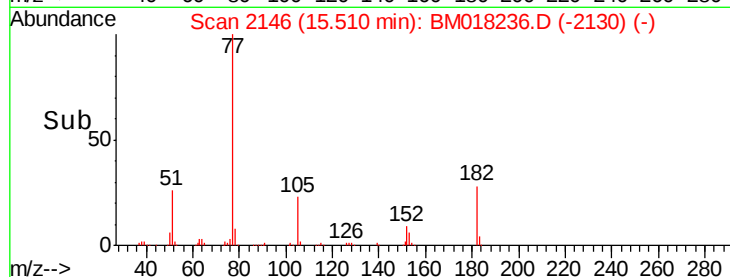
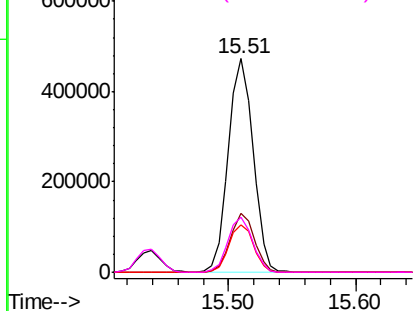


Abundance Ion 77.00 (76.70 to 77.70): BM018236.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): E

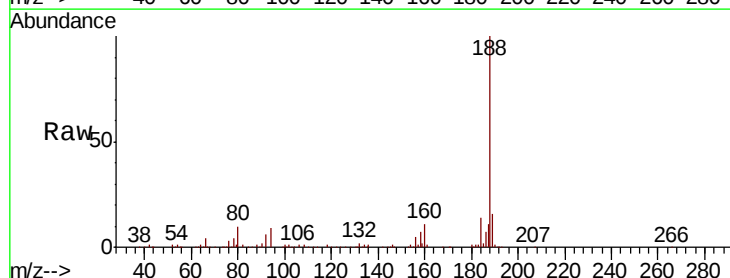
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM018236.D (-2130) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

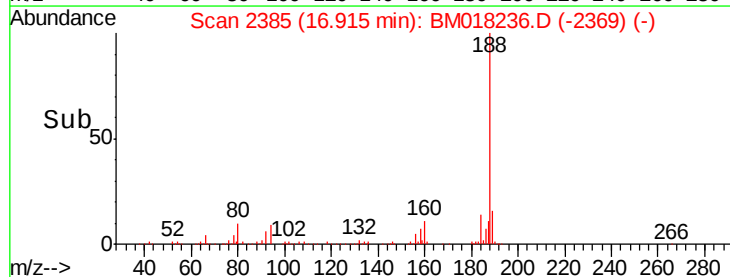
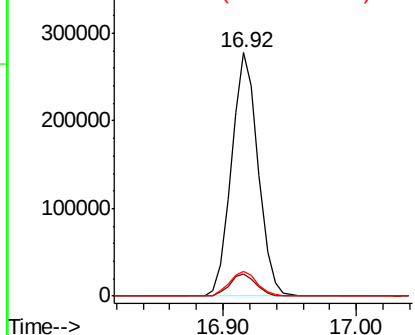
Tgt Ion:	188	Resp:	384738
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	10.4	9.0	13.6

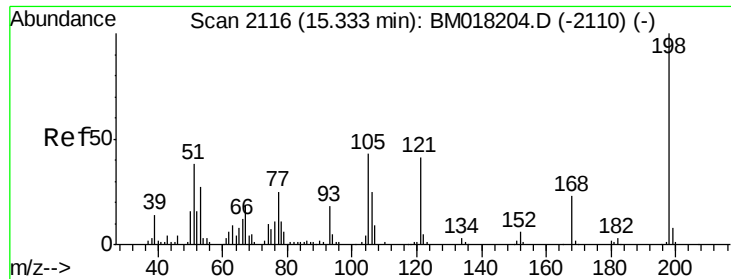


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM018236.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BM018236.D (-2369) (-)

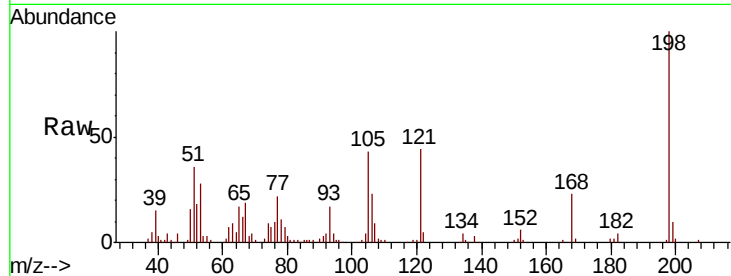




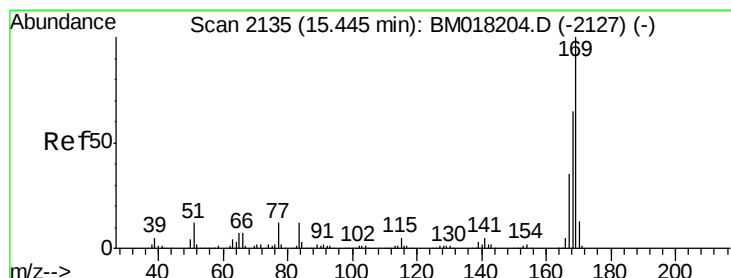
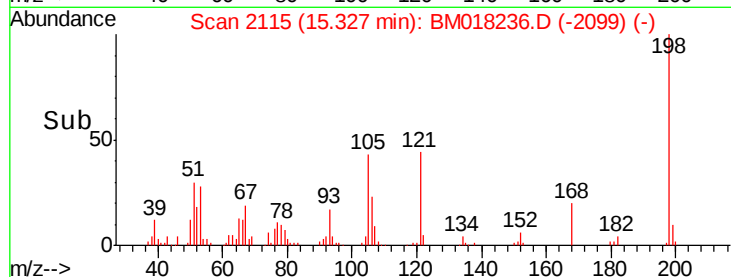
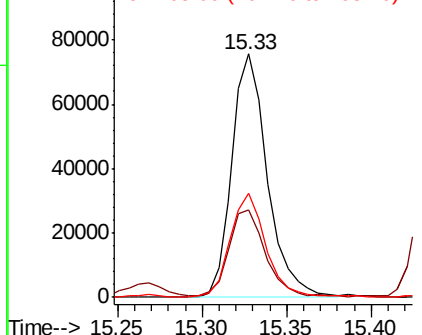
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.002 ng
 RT: 15.33 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	198	Resp	110466
Ion Ratio	100	Lower	Upper
51	36.0	18.6	58.6
105	42.8	22.9	62.9

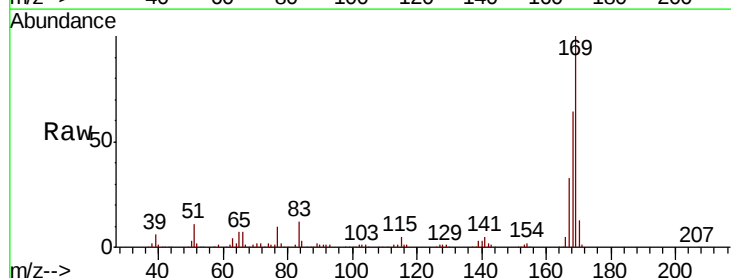


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

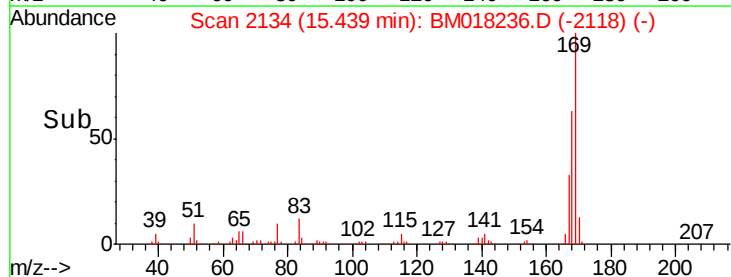
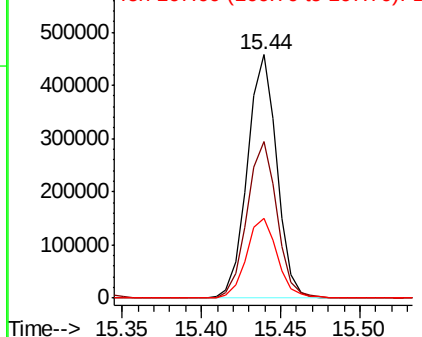


#66
 n-Nitrosodiphenylamine
 Concen: 46.367 ng
 RT: 15.44 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

Tgt Ion	169	Resp	589904
Ion Ratio	100	Lower	Upper
168	64.4	52.2	78.4
167	32.7	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

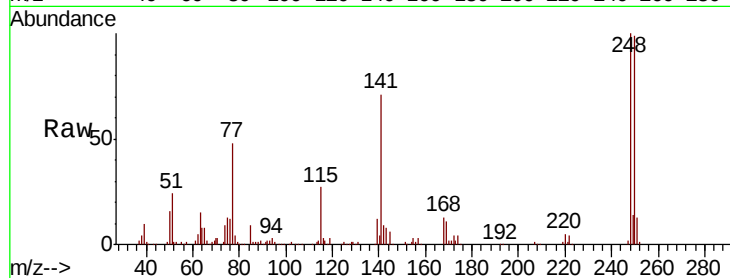




#67
4-Bromophenyl-phenylether
Concen: 44.676 ng
RT: 16.12 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.7	118.1
141	71.0	62.2	93.4

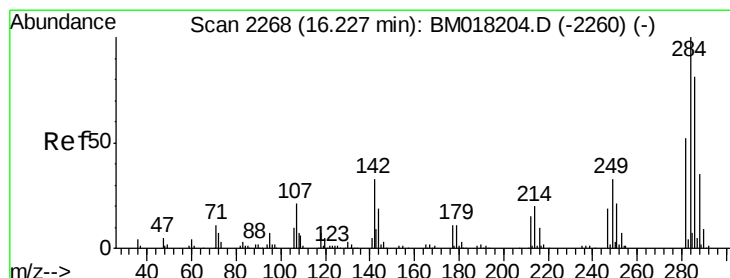
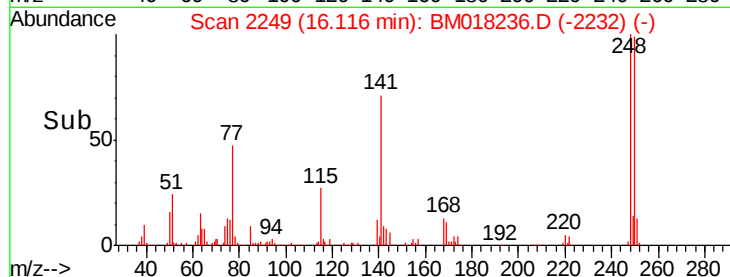
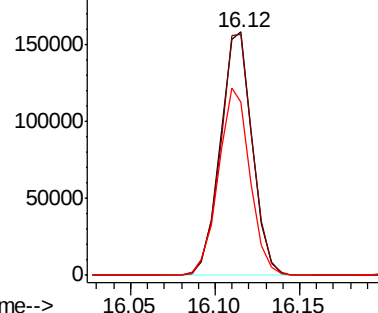


Abundance

Ion 248.00 (247.70 to 248.70): E

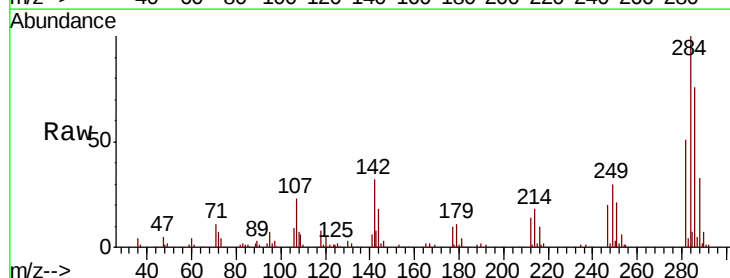
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.760 ng
RT: 16.22 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	26.2	39.4
249	30.1	26.2	39.2

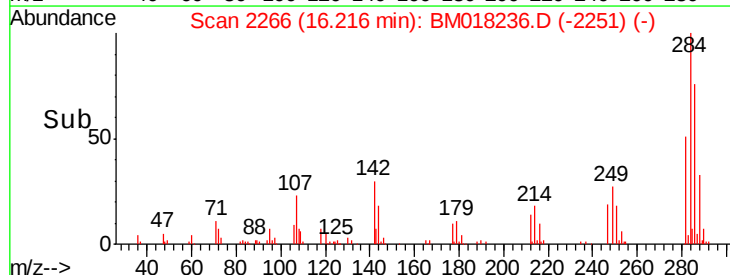
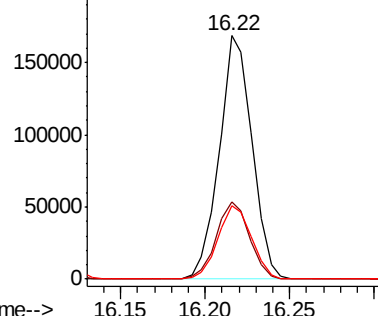


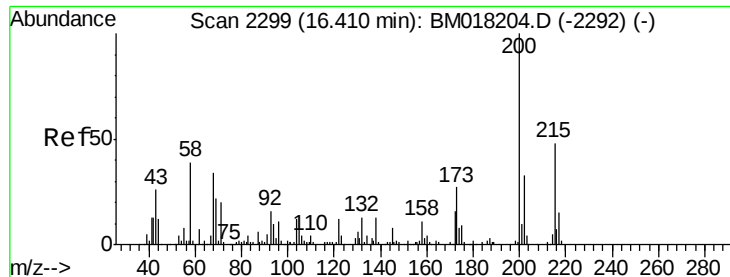
Abundance

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: 44.877 ng

RT: 16.40 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampleId :

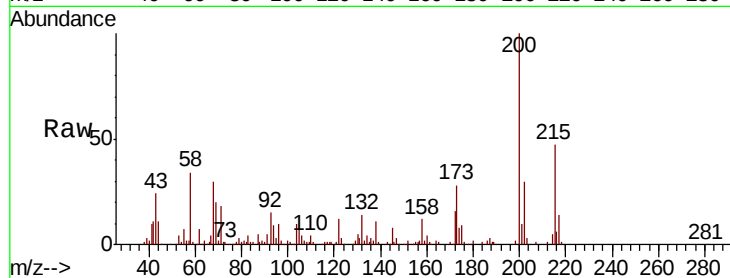
Tot Ion:200 Resp: 192750

Ion Ratio Lower Upper

200 100

173 27.7 6.9 46.9

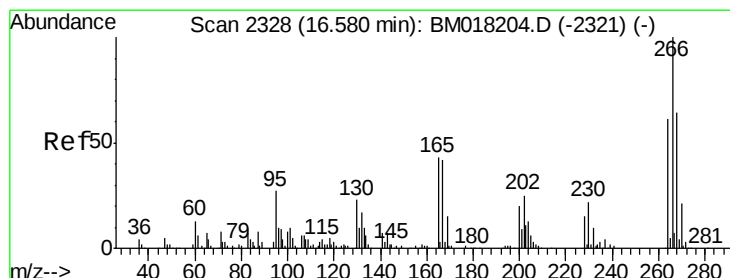
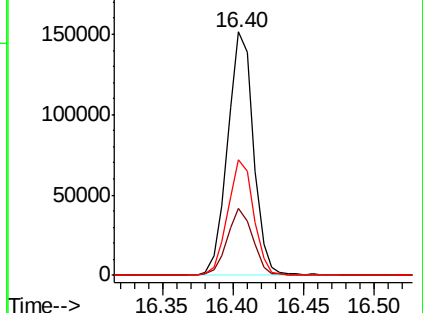
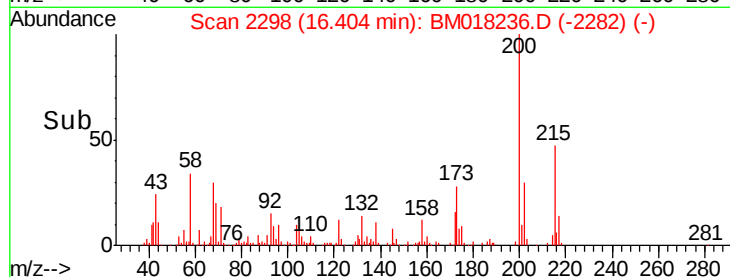
215 47.3 27.9 67.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 72.420 ng

RT: 16.57 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

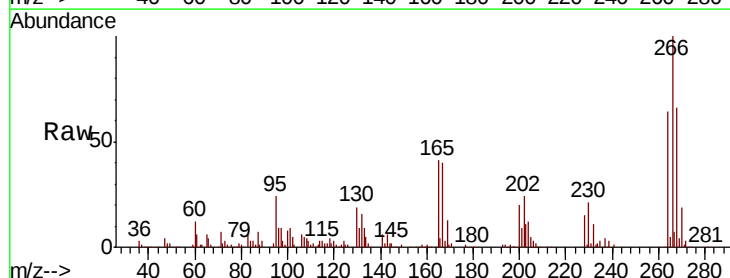
Tgt Ion:266 Resp: 244147

Ion Ratio Lower Upper

266 100

268 65.5 51.1 76.7

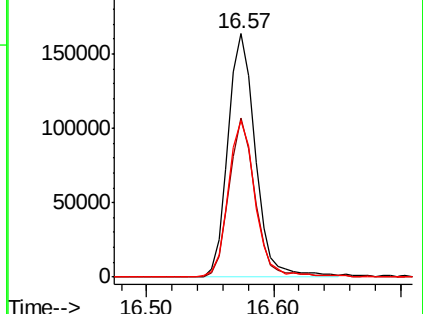
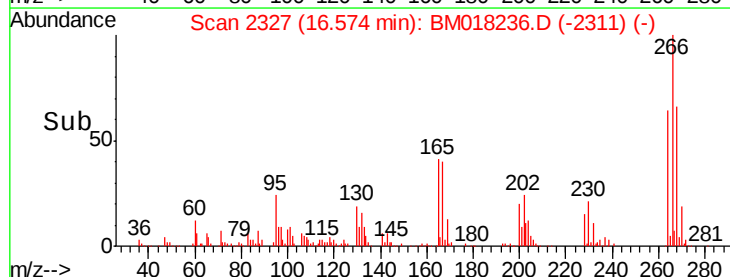
264 64.3 49.0 73.4

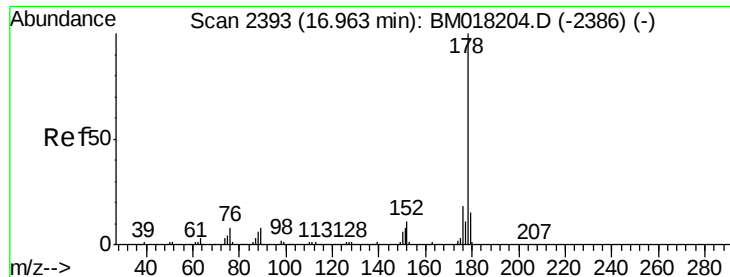


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

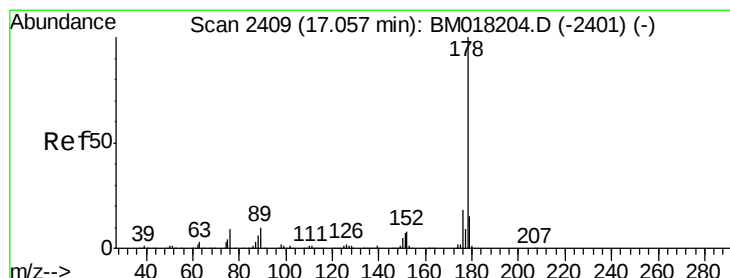
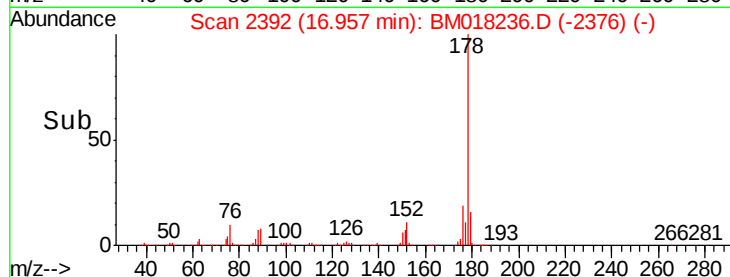
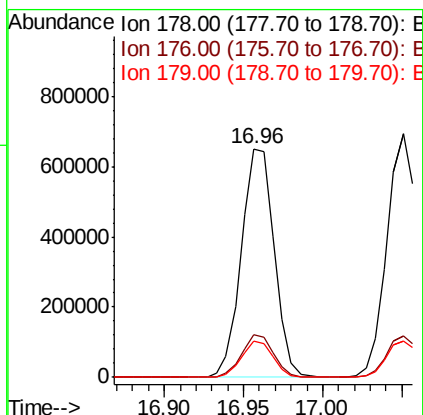
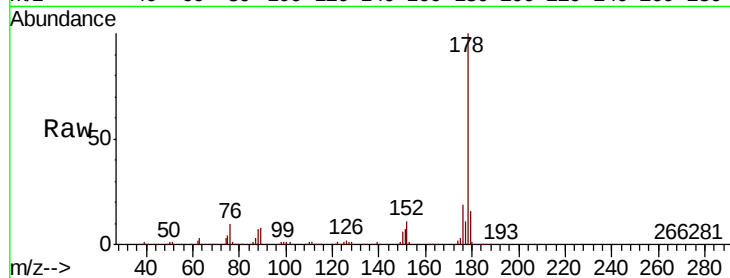




#71
Phenanthrene
Concen: 44.865 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

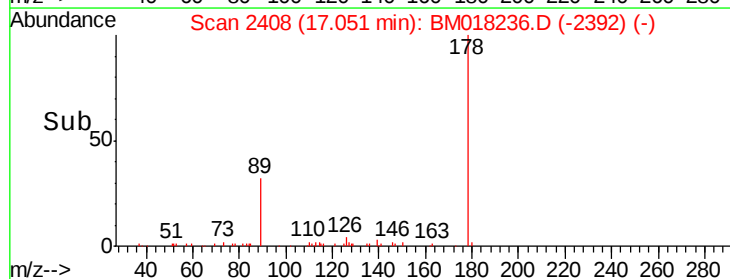
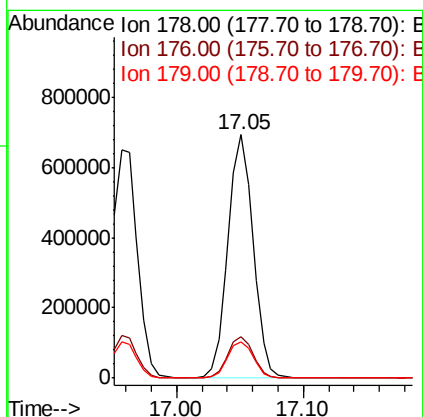
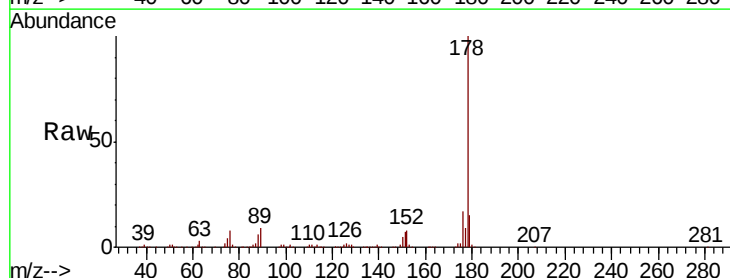
Instrument :
BNA_M
ClientSampleId :

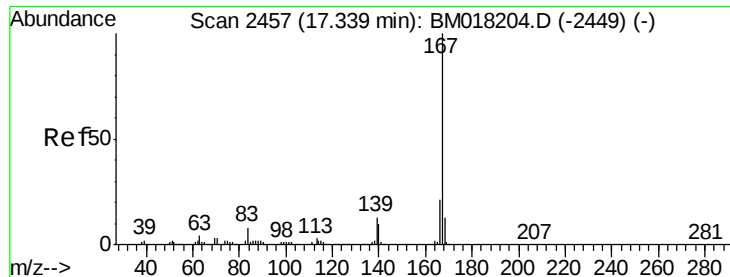
Tot Ion:178 Resp: 937599
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.8 12.0 18.0



#72
Anthracene
Concen: 45.781 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Tgt Ion:178 Resp: 949158
Ion Ratio Lower Upper
178 100
176 17.2 14.3 21.5
179 14.7 12.0 18.0

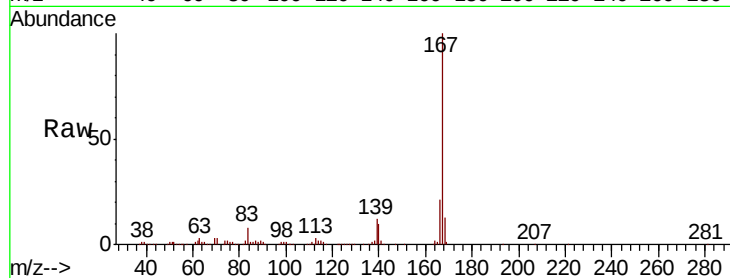




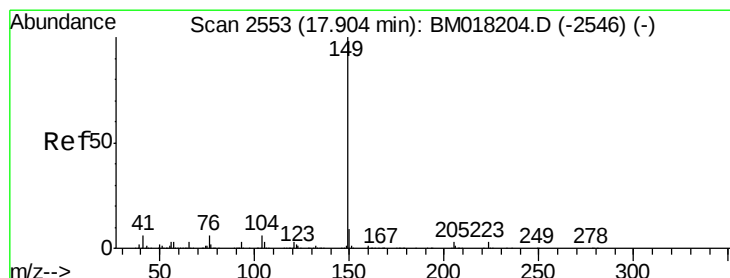
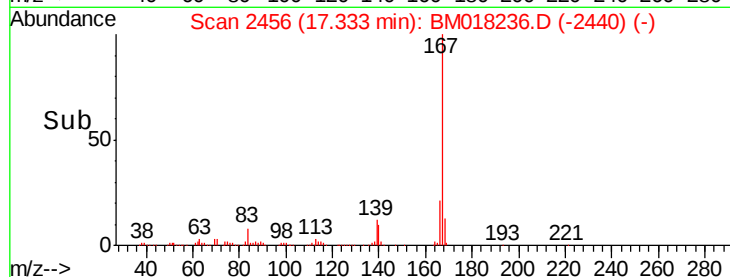
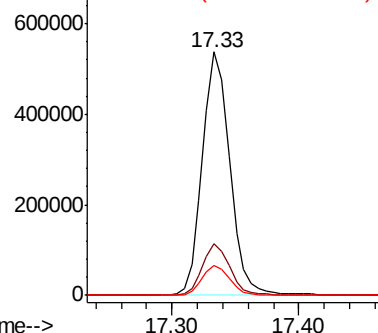
#73
 Carbazole
 Concen: 38.068 ng
 RT: 17.33 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 810080
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.8 25.2
 139 12.4 10.3 15.5

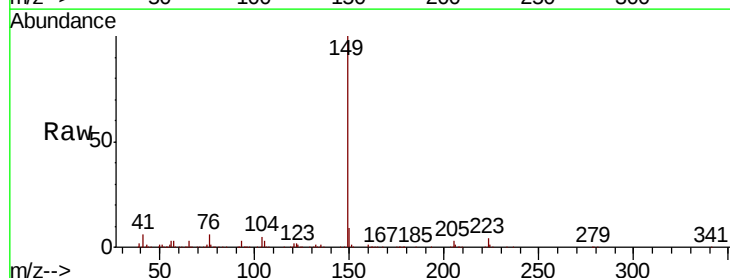


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

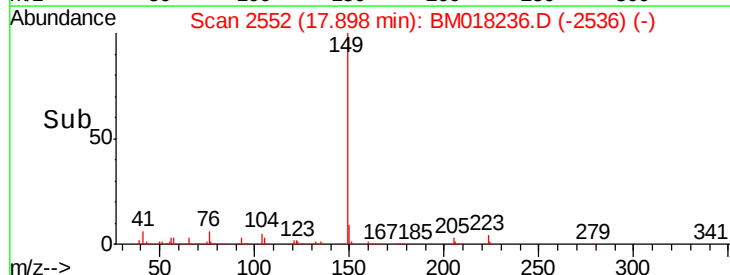
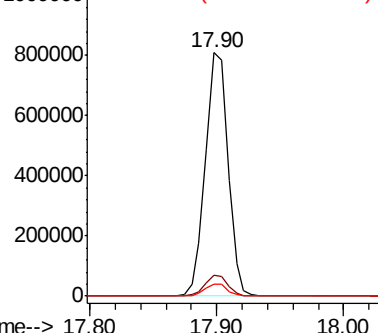


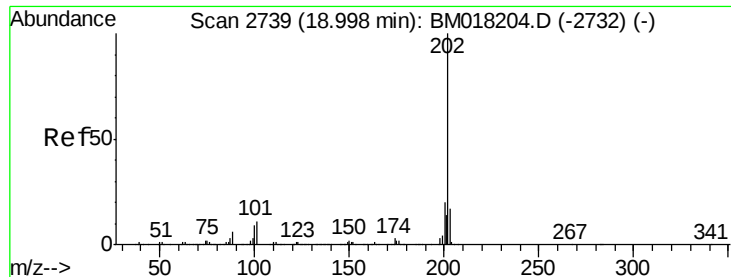
#74
 Di-n-butylphthalate
 Concen: 37.999 ng
 RT: 17.90 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

Tgt Ion:149 Resp: 997711
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.3 10.9
 104 4.9 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: 40.123 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampleId :

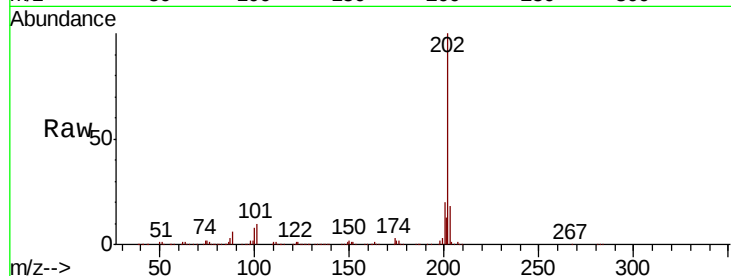
Tot Ion:202 Resp: 974878

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.5

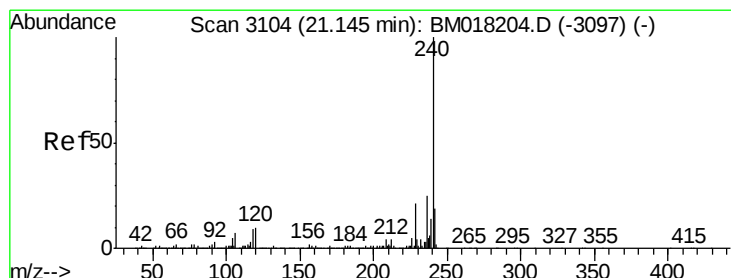
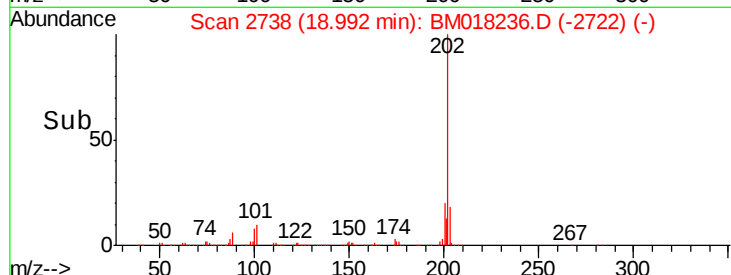
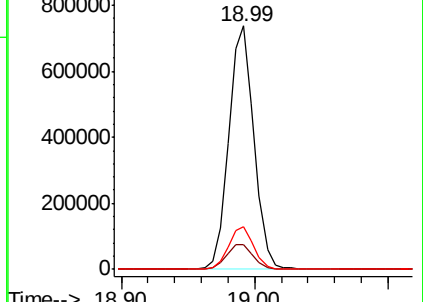
203 17.7 0.0 37.5



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: BM018236.D

Acq: 16 Dec 2018 20:57

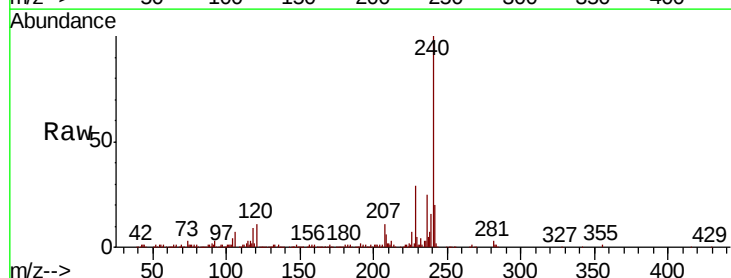
Tgt Ion:240 Resp: 345392

Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.2

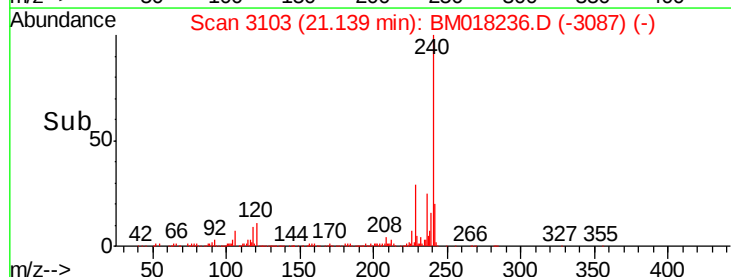
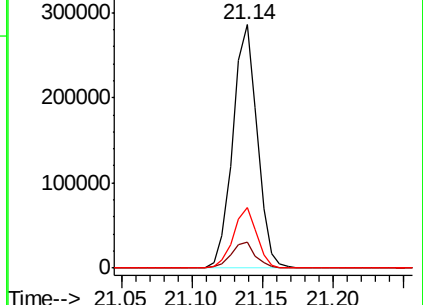
236 24.9 20.3 30.5

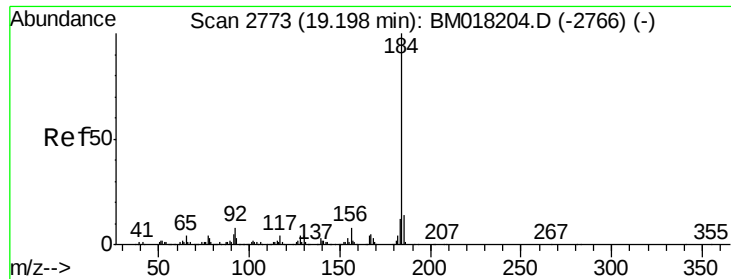


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.793 ng

RT: 19.20 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

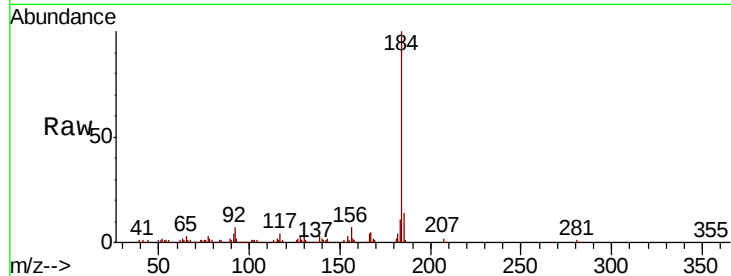
Instrument :

BNA_M

ClientSampled :

Tot Ion:184 Resp: 313494

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.4	17.2
183	11.2	9.7	14.5

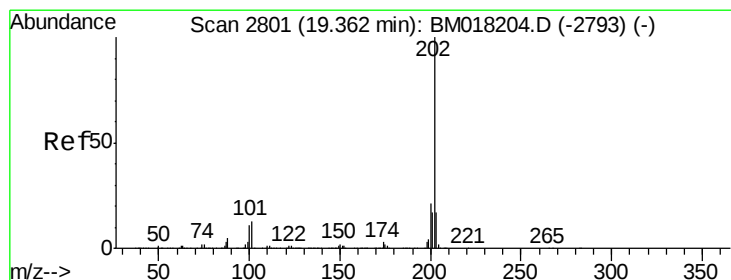
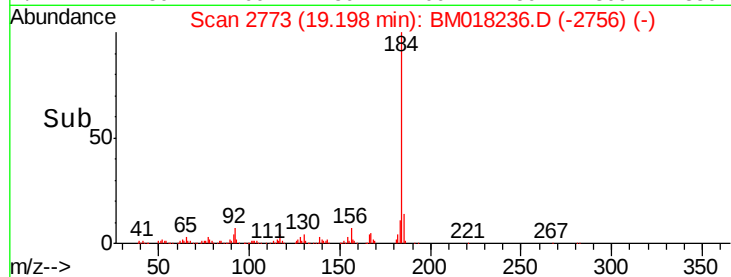
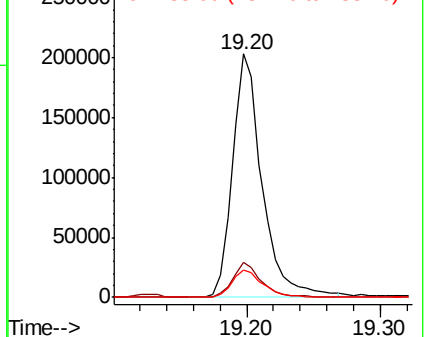


Abundance

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: 46.084 ng

RT: 19.36 min Scan# 2800

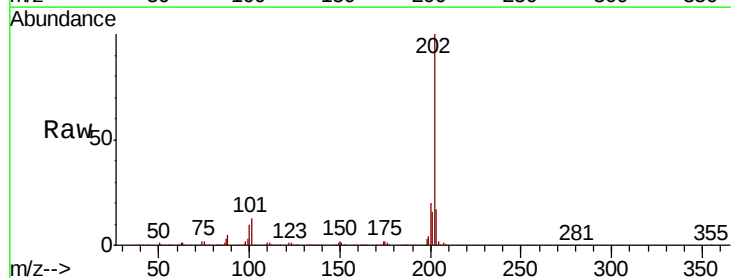
Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Tgt Ion:202 Resp: 948406

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.5	24.7
203	17.3	14.0	21.0

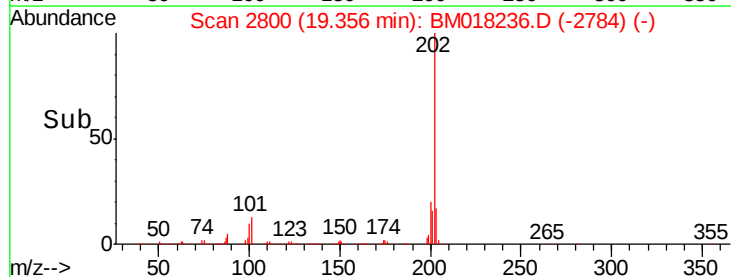
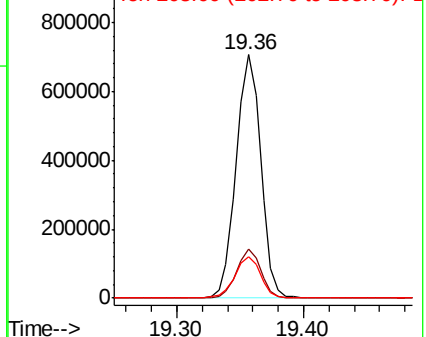


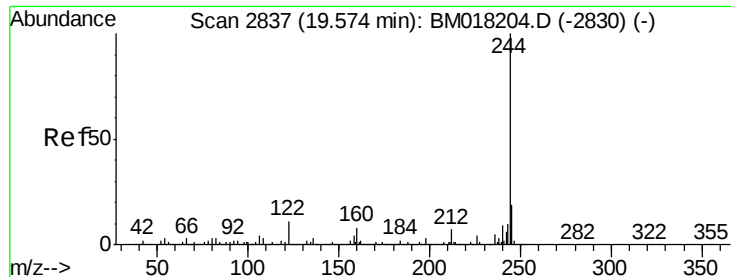
Abundance

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: 87.304 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampled :

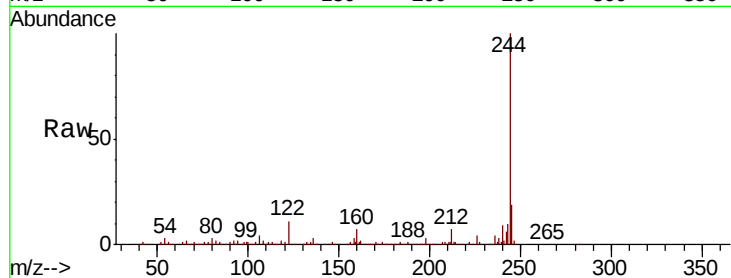
Tot Ion:244 Resp: 1333284

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

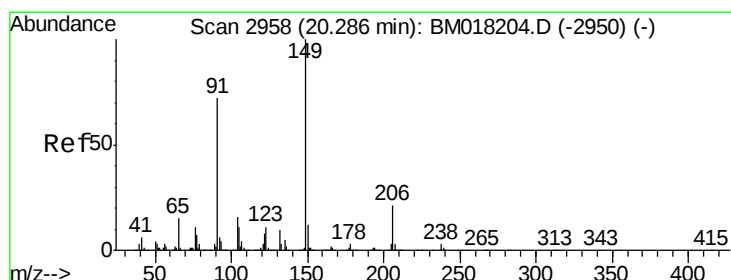
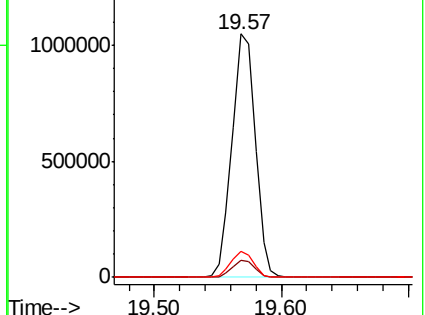
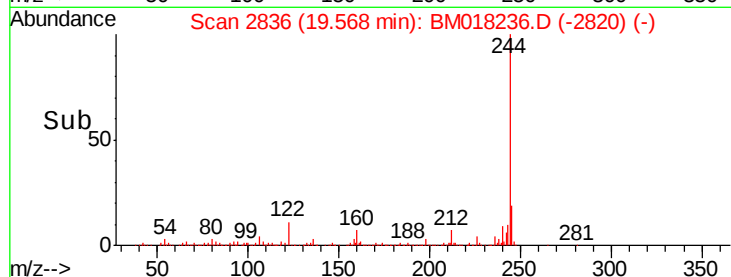
122 10.7 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.959 ng

RT: 20.28 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

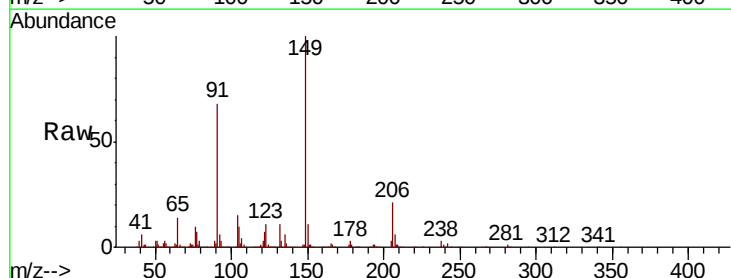
Tgt Ion:149 Resp: 401019

Ion Ratio Lower Upper

149 100

91 67.6 57.4 86.2

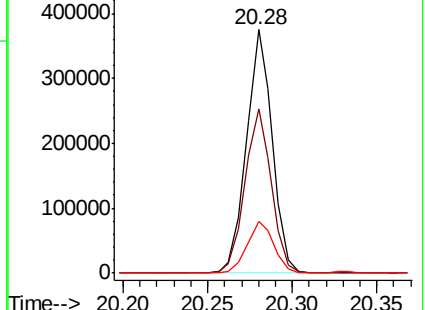
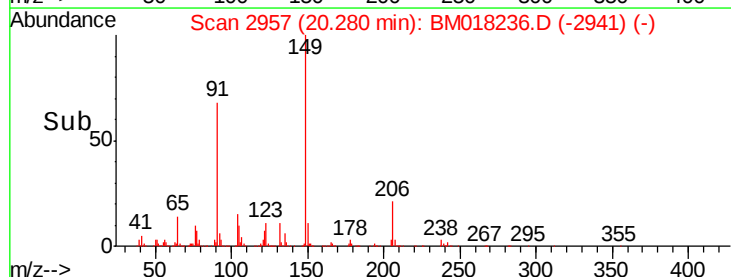
206 21.1 17.0 25.4

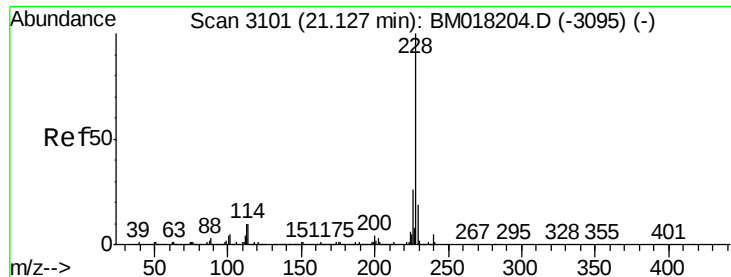


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.222 ng

RT: 21.12 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampleId :

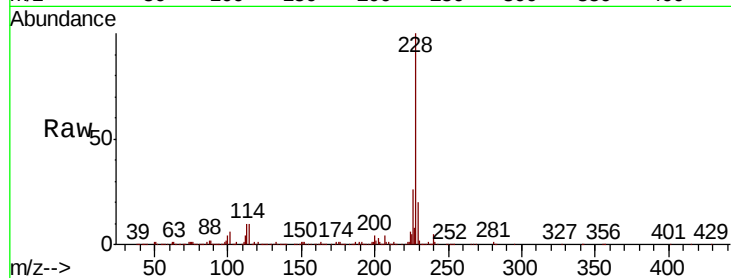
Tot Ion:228 Resp: 912406

Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.0	31.4
229	19.7	15.5	23.3

228 100

226 25.8 21.0 31.4

229 19.7 15.5 23.3

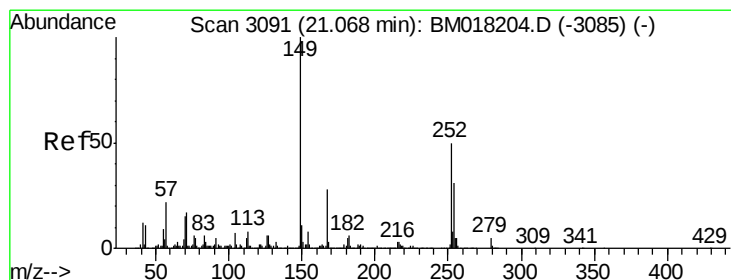
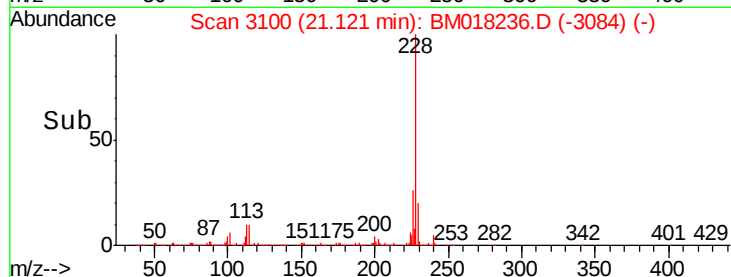
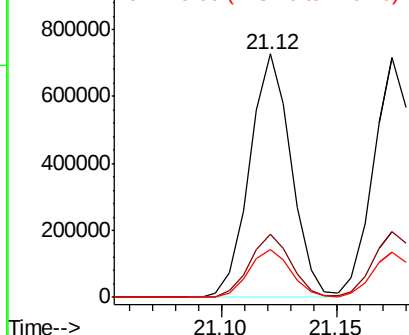


Abundance

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: 28.407 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

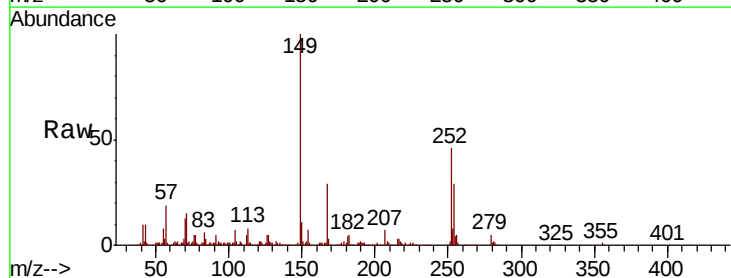
Tgt Ion:252 Resp: 228972

Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.4	75.6
126	10.1	9.4	14.0

252 100

254 63.2 50.4 75.6

126 10.1 9.4 14.0

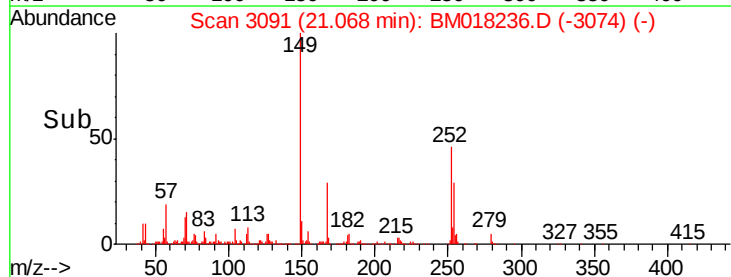
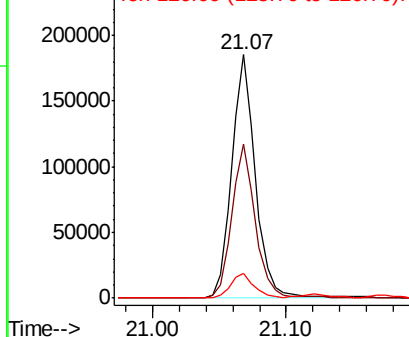


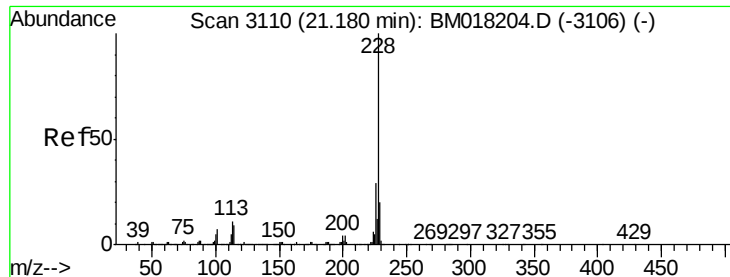
Abundance

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: 44.549 ng

RT: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampleId :

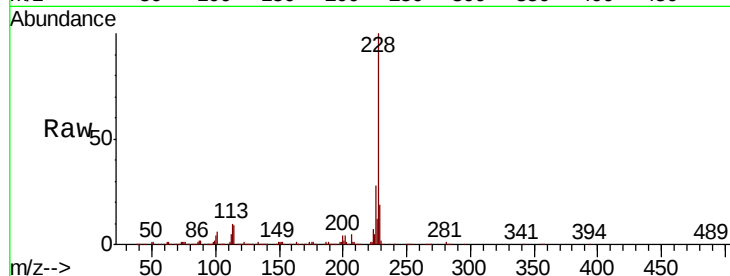
Tot Ion:228 Resp: 864533

Ion Ratio Lower Upper

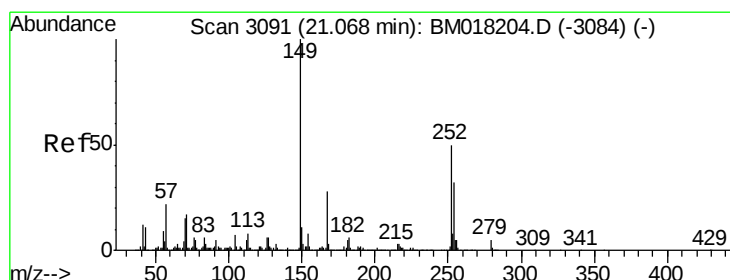
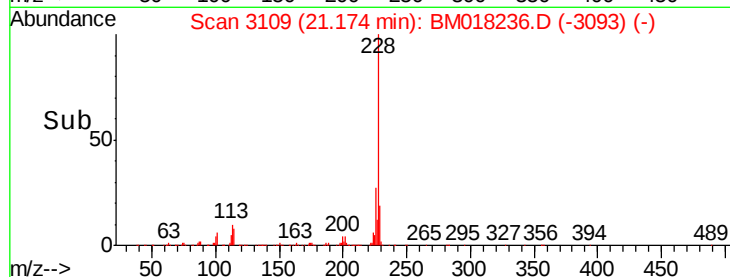
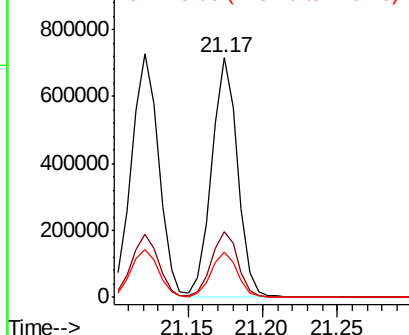
228 100

226 27.6 23.1 34.7

229 18.8 15.8 23.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.122 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

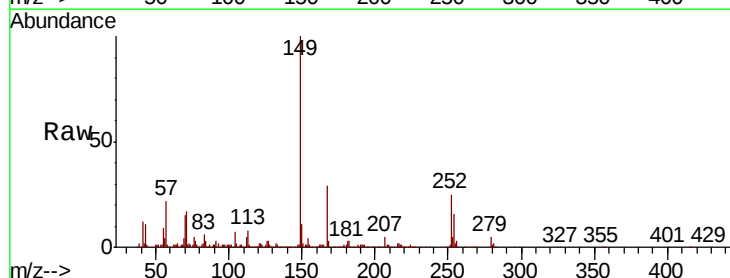
Tgt Ion:149 Resp: 585444

Ion Ratio Lower Upper

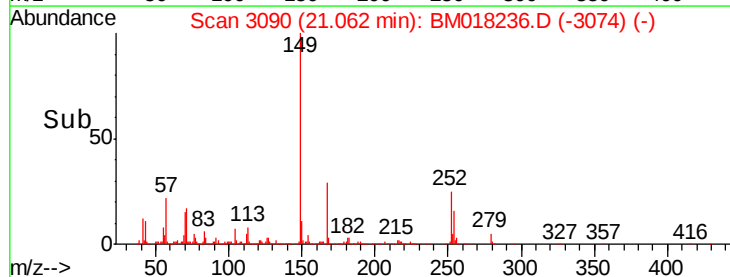
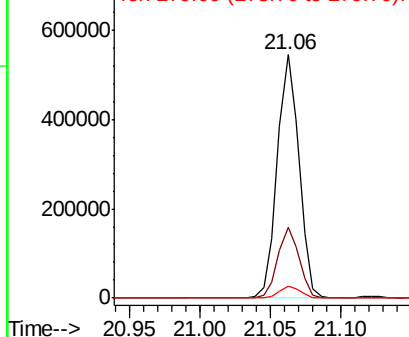
149 100

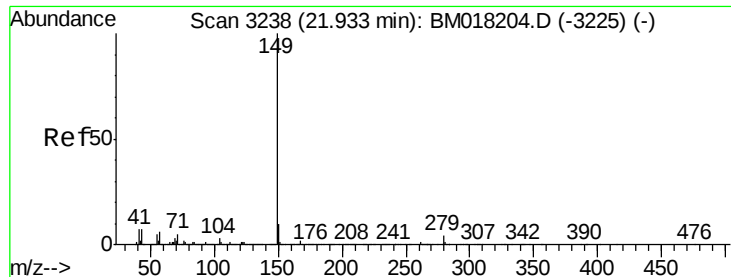
167 29.2 22.7 34.1

279 4.8 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

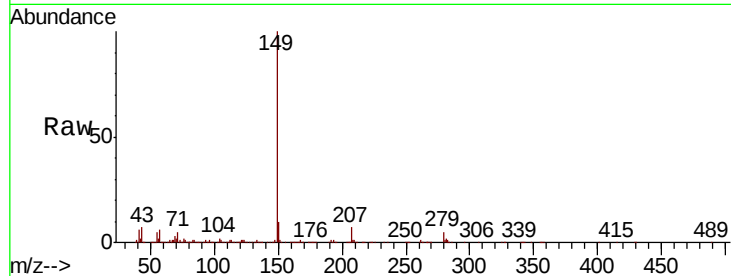




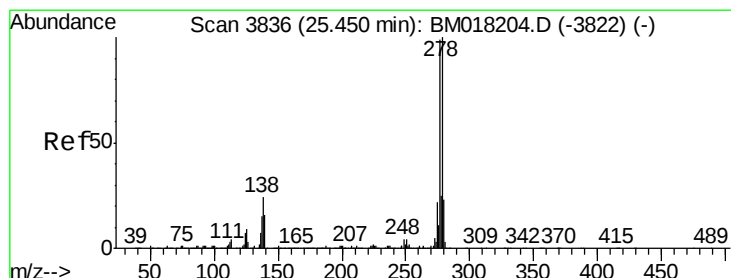
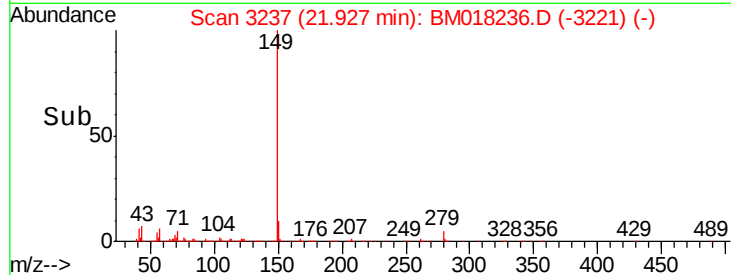
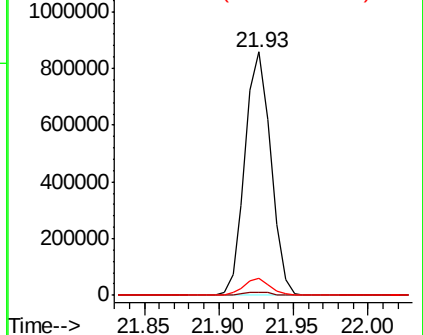
#85
Di-n-octyl phthalate
Concen: 43.013 ng
RT: 21.93 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 1027895
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 6.9 6.2 9.4

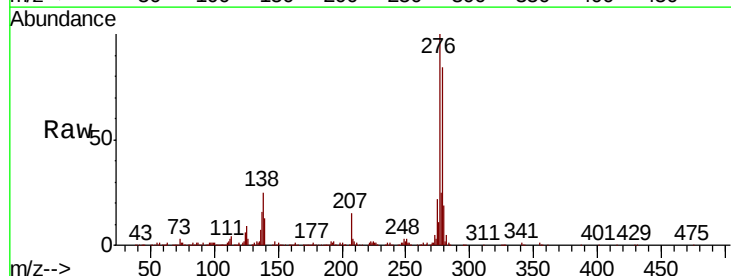


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

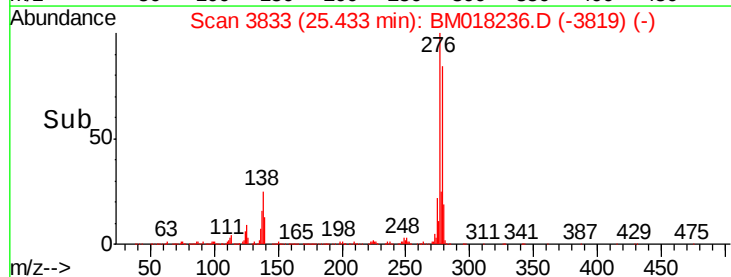
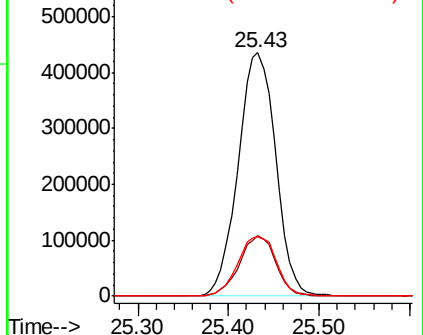


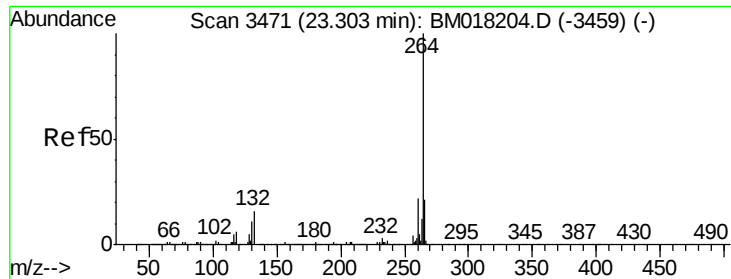
#86
Indeno(1,2,3-cd)pyrene
Concen: 64.780 ng
RT: 25.43 min Scan# 3833
Delta R.T. -0.02 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Tgt Ion:276 Resp: 1252271
Ion Ratio Lower Upper
276 100
138 24.1 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

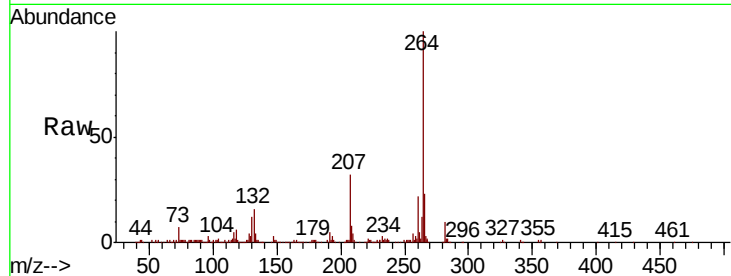




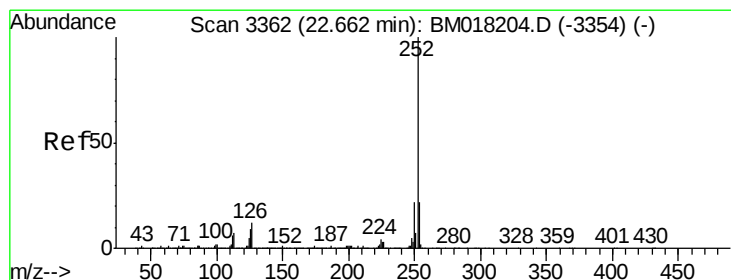
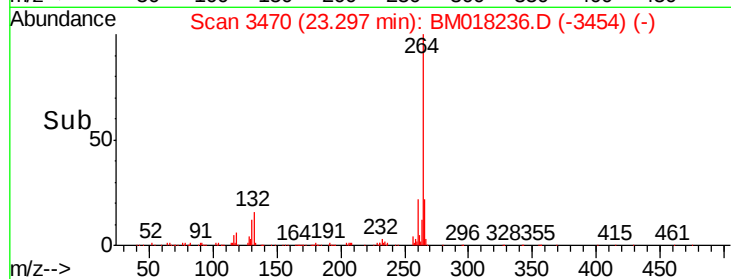
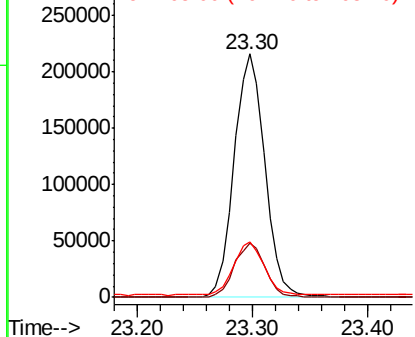
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.30 min Scan# 3470
 Delta R.T. -0.01 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:264 Resp: 398104
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.5 26.3
 265 22.7 17.3 25.9

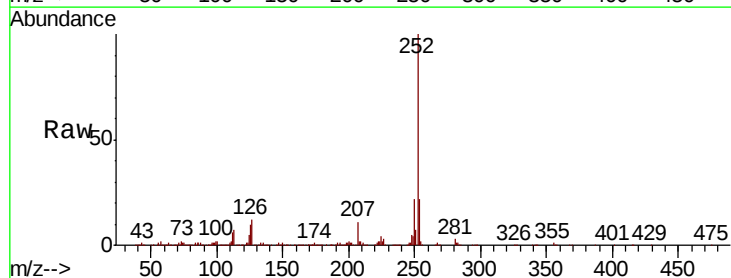


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

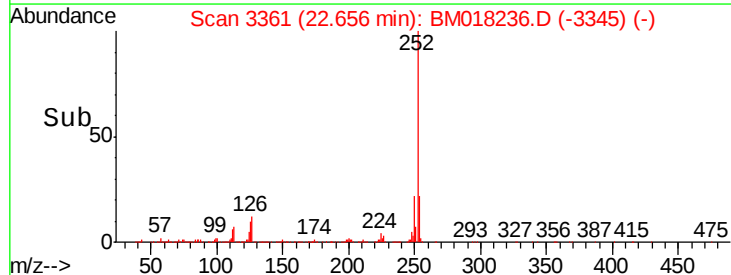
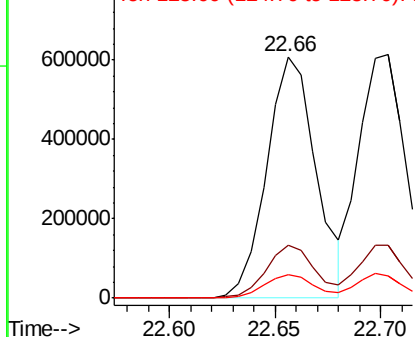


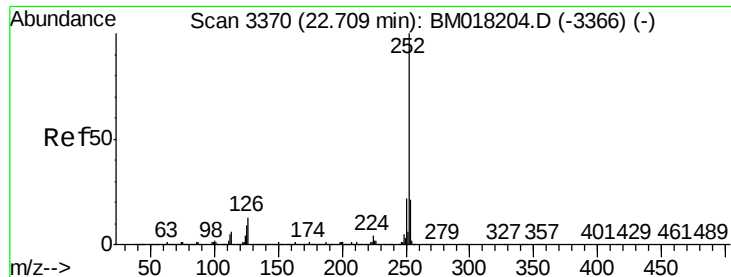
#88
 Benzo(b)fluoranthene
 Concen: 44.314 ng
 RT: 22.66 min Scan# 3361
 Delta R.T. -0.01 min
 Lab File: BM018236.D
 Acq: 16 Dec 2018 20:57

Tgt Ion:252 Resp: 990958
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 9.8 7.4 11.0



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





#89

Benzo(k)fluoranthene

Concen: 42.635 ng

RT: 22.70 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

Instrument :

BNA_M

ClientSampleId :

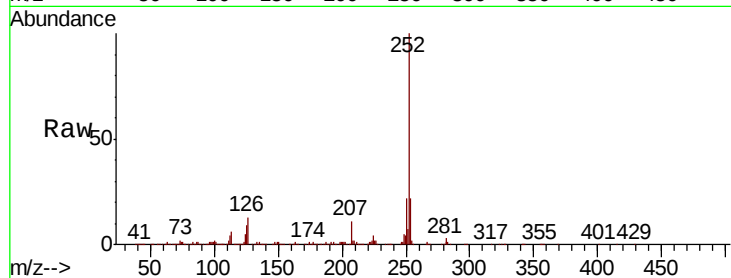
Tot Ion:252 Resp: 949514

Ion Ratio Lower Upper

252 100

253 21.6 16.9 25.3

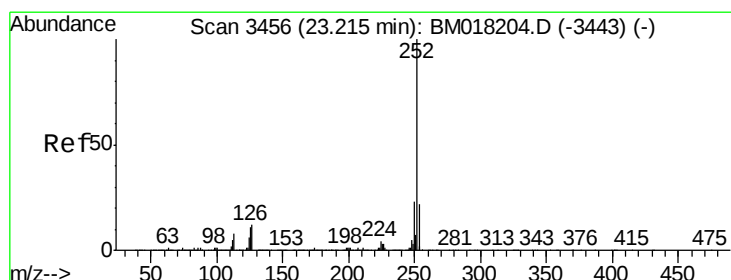
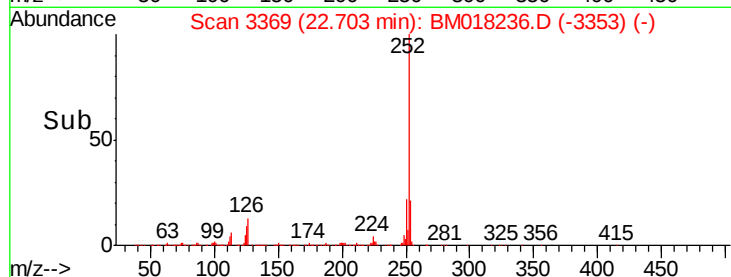
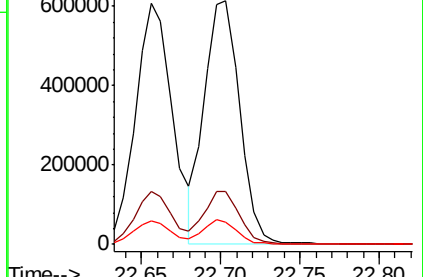
125 9.4 7.5 11.3



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: 46.268 ng

RT: 23.21 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM018236.D

Acq: 16 Dec 2018 20:57

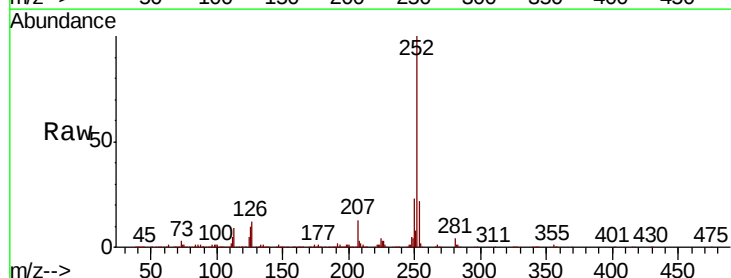
Tgt Ion:252 Resp: 984068

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

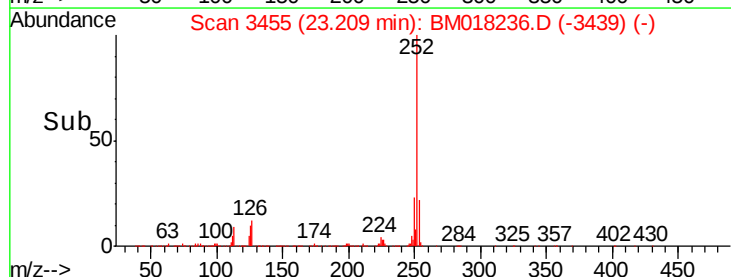
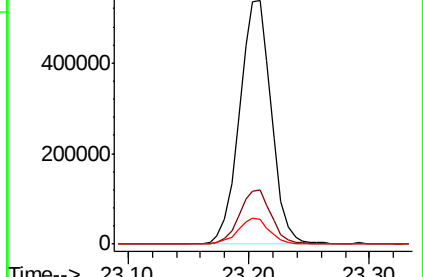
125 10.1 8.6 12.8

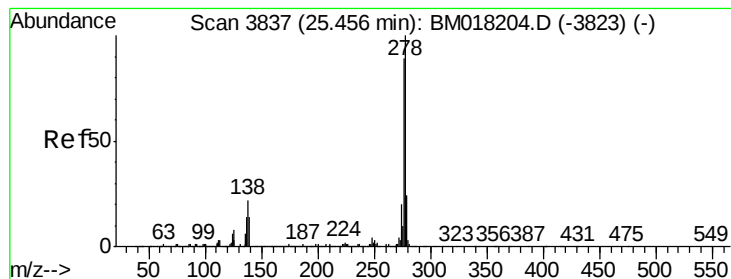


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



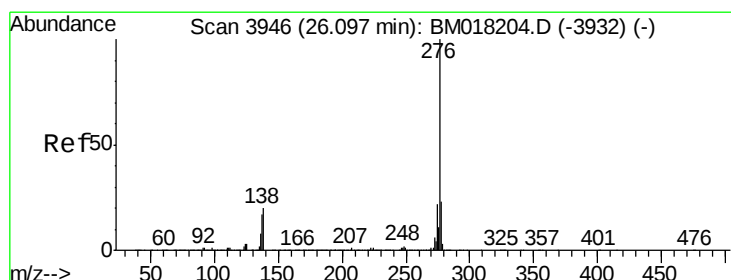
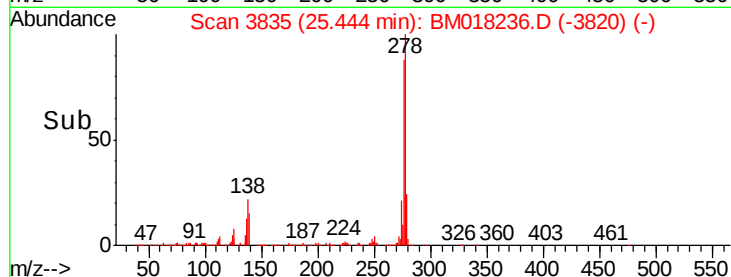
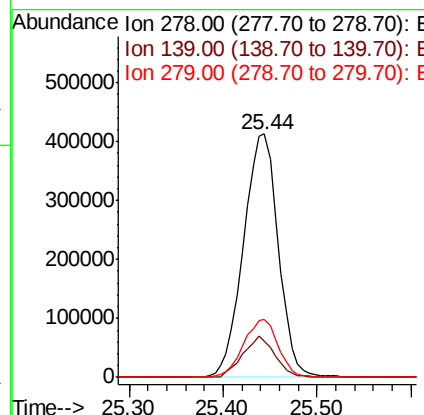
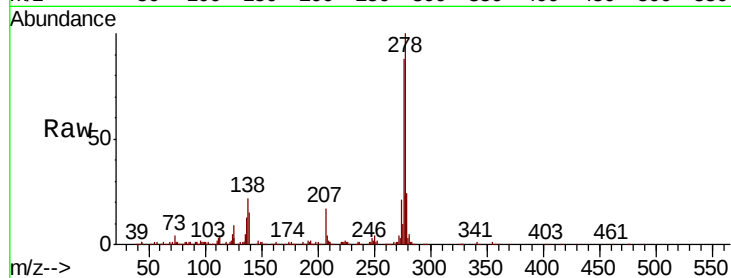


#91
Dibenzo(a,h)anthracene
Concen: 53.901 ng
RT: 25.44 min Scan# 3835
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Instrument :
BNA_M
ClientSampled :

Tot Ion:278 Resp: 1061952

Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.6	17.4
279	23.9	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 57.976 ng
RT: 26.09 min Scan# 3944
Delta R.T. -0.01 min
Lab File: BM018236.D
Acq: 16 Dec 2018 20:57

Tgt Ion:276 Resp: 1079722

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	19.5	15.8	23.8

