

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
 Data File : BM018314.D
 Acq On : 20 Dec 2018 01:49
 Operator : JU/SJ
 Sample : J6378-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MS

Quant Time: Dec 20 02:57:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	123444	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	449002	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	212973	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	399641	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	460205	20.00	ng	-0.02
87) Perylene-d12	23.29	264	533201	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.12	112	918951	124.36	ng	0.00
7) Phenol-d6	6.69	99	1181928	115.07	ng	-0.01
23) Nitrobenzene-d5	8.65	82	764552	87.34	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	322066	103.03	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1186127	72.14	ng	-0.02
79) Terphenyl-d14	19.56	244	1216457	59.78	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	84439	28.845	ng	98
3) Pyridine	3.50	79	242147	28.118	ng	99
4) n-Nitrosodimethylamine	3.42	42	106451	35.913	ng	98
6) Aniline	6.83	93	155869	12.097	ng	98
8) 2-Chlorophenol	7.06	128	261363	29.935	ng	95
9) Benzaldehyde	6.65	77	87341	13.951	ng	94
10) Phenol	6.72	94	398388	36.625	ng	97
11) bis(2-Chloroethyl)ether	6.93	93	246925	28.563	ng	97
12) 1,3-Dichlorobenzene	7.37	146	273747	28.078	ng	96
13) 1,4-Dichlorobenzene	7.52	146	282153	28.499	ng	96
14) 1,2-Dichlorobenzene	7.83	146	268804	28.164	ng	99
15) Benzyl Alcohol	7.74	79	233572	27.908	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.01	45	202429	26.020	ng	95
17) 2-Methylphenol	7.95	107	208451	28.700	ng	94
18) Hexachloroethane	8.53	117	94020	25.909	ng	93
19) n-Nitroso-di-n-propylamine	8.29	70	207654	27.077	ng	97
20) 3+4-Methylphenols	8.27	107	279713	27.484	ng	98
22) Acetophenone	8.31	105	383552	32.280	ng	98
24) Nitrobenzene	8.69	77	309956	35.438	ng	97
25) Isophorone	9.20	82	515719	35.387	ng	100
26) 2-Nitrophenol	9.39	139	129238	30.126	ng	96
27) 2,4-Dimethylphenol	9.46	122	208420	33.710	ng	92
28) bis(2-Chloroethoxy)methane	9.69	93	309953	32.628	ng	98
29) 2,4-Dichlorophenol	9.92	162	211687	30.881	ng	99
30) 1,2,4-Trichlorobenzene	10.12	180	240389	30.829	ng	94
31) Naphthalene	10.30	128	708879	32.288	ng	100
33) 4-Chloroaniline	10.45	127	79893	8.307	ng	96
34) Hexachlorobutadiene	10.57	225	145161	29.436	ng	99
35) Caprolactam	11.23	113	60105	23.010	ng	92
36) 4-Chloro-3-methylphenol	11.57	107	230252	27.954	ng	96
37) 2-Methylnaphthalene	11.92	142	485740	31.372	ng	99
38) 1-Methylnaphthalene	12.14	142	458832	30.370	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	243472	33.245	ng	99
41) Hexachlorocyclopentadiene	12.27	237	99424	35.956	ng	99

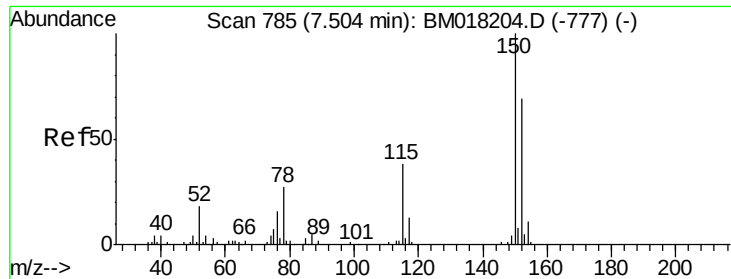
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.56	196	160026	33.973	ng	97
44) 2,4,5-Trichlorophenol	12.64	196	165103	33.016	ng	98
46) 1,1'-Biphenyl	12.96	154	582764	30.416	ng	99
47) 2-Chloronaphthalene	13.00	162	447737	31.750	ng	99
48) 2-Nitroaniline	13.24	65	142407	32.782	ng	89
49) Acenaphthylene	13.86	152	698322	32.860	ng	100
50) Dimethylphthalate	13.62	163	623802	35.231	ng	99
51) 2,6-Dinitrotoluene	13.74	165	117384	30.158	ng	90
52) Acenaphthene	14.21	154	399192	30.737	ng	100
53) 3-Nitroaniline	14.08	138	82367	20.109	ng	93
54) 2,4-Dinitrophenol	14.31	184	46984	21.882	ng	98
55) Dibenzofuran	14.54	168	622973	29.852	ng	96
56) 4-Nitrophenol	14.42	139	161533	52.013	ng	88
57) 2,4-Dinitrotoluene	14.55	165	153914	28.608	ng	93
58) Fluorene	15.20	166	486833	30.205	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.79	232	137001	30.420	ng	# 97
60) Diethylphthalate	14.99	149	532852	27.887	ng	99
61) 4-Chlorophenyl-phenylether	15.20	204	252033	27.649	ng	98
62) 4-Nitroaniline	15.26	138	89621	23.059	ng	86
63) Azobenzene	15.50	77	531774	30.522	ng	97
65) 4,6-Dinitro-2-methylphenol	15.32	198	47910	16.285	ng	94
66) n-Nitrosodiphenylamine	15.43	169	425075	32.165	ng	99
67) 4-Bromophenyl-phenylether	16.10	248	147556	30.487	ng	99
68) Hexachlorobenzene	16.21	284	160842	30.334	ng	98
69) Atrazine	16.40	200	144772	32.449	ng	98
70) Pentachlorophenol	16.56	266	179704	51.317	ng	99
71) Phenanthrene	16.95	178	688457	31.715	ng	99
72) Anthracene	17.04	178	693202	32.189	ng	100
73) Carbazole	17.33	167	626518	28.344	ng	99
74) Di-n-butylphthalate	17.89	149	781407	28.651	ng	99
75) Fluoranthene	18.98	202	796753	31.569	ng	99
77) Benzidine	19.19	184	167799	14.379	ng	98
78) Pyrene	19.34	202	814432	29.701	ng	100
80) Butylbenzylphthalate	20.27	149	355575	27.257	ng	94
81) Benzo(a)anthracene	21.11	228	871524	32.419	ng	99
82) 3,3'-Dichlorobenzidine	21.06	252	274820	25.589	ng	99
83) Chrysene	21.16	228	825126	31.911	ng	99
84) Bis(2-ethylhexyl)phthalate	21.05	149	526167	27.063	ng	99
85) Di-n-octyl phthalate	21.91	149	963335	30.255	ng	99
86) Indeno(1,2,3-cd)pyrene	25.42	276	1161487	45.094	ng	98
88) Benzo(b)fluoranthene	22.64	252	977982	32.653	ng	99
89) Benzo(k)fluoranthene	22.69	252	921334	30.888	ng	98
90) Benzo(a)pyrene	23.20	252	930717	32.672	ng	98
91) Dibenzo(a,h)anthracene	25.43	278	977759	37.054	ng	99
92) Benzo(g,h,i)perylene	26.06	276	967388	38.783	ng	97

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

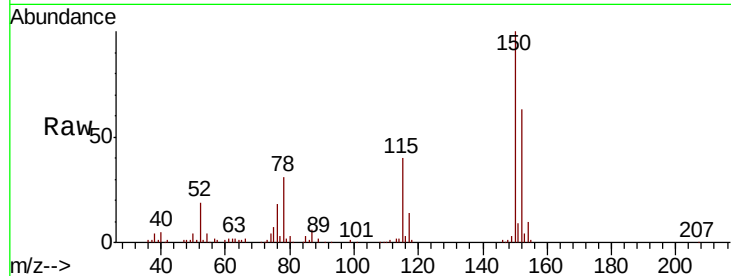


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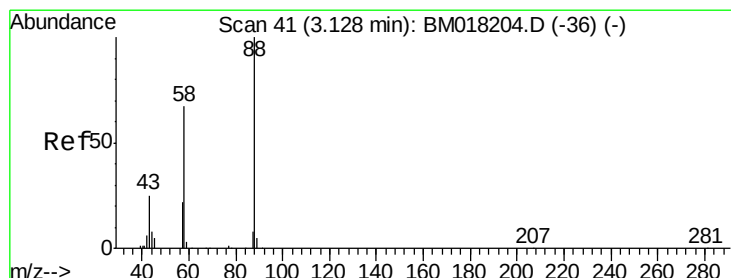
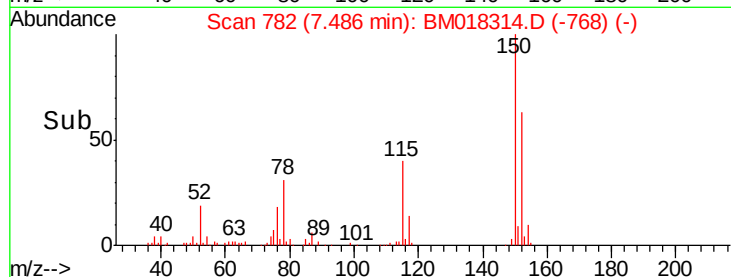
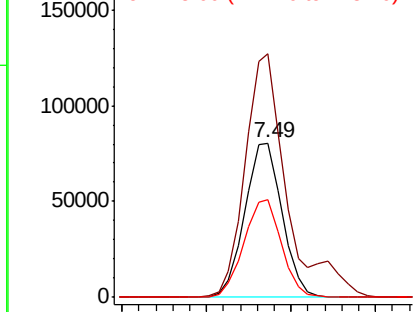
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MS

Tgt Ion:152 Resp: 123444
Ion Ratio Lower Upper
152 100
150 157.7 116.1 174.1
115 63.6 44.6 67.0



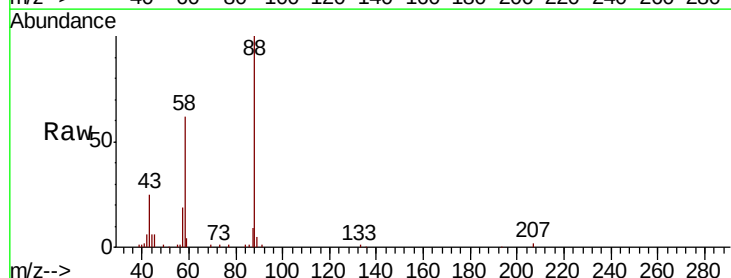
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



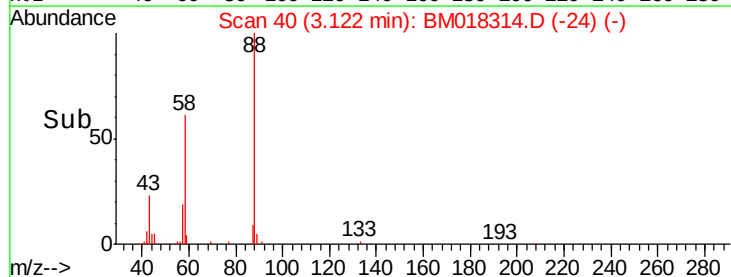
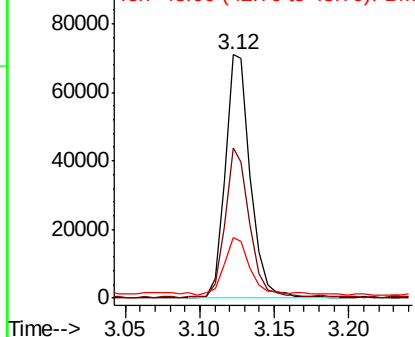
#2

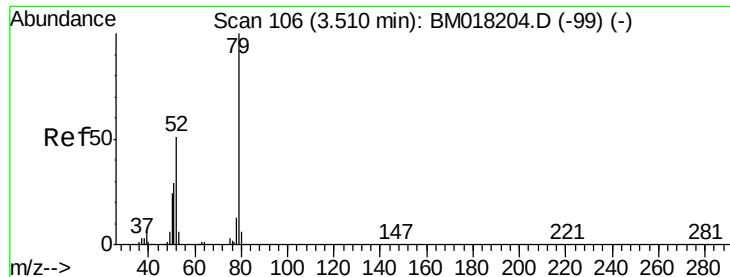
1,4-Dioxane
Concen: 28.845 ng
RT: 3.12 min Scan# 40
Delta R.T. -0.01 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

Tgt Ion: 88 Resp: 84439
Ion Ratio Lower Upper
88 100
58 60.2 49.8 74.6
43 24.5 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

Pyridine

Concen: 28.118 ng

RT: 3.50 min Scan# 105

Delta R.T. -0.01 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

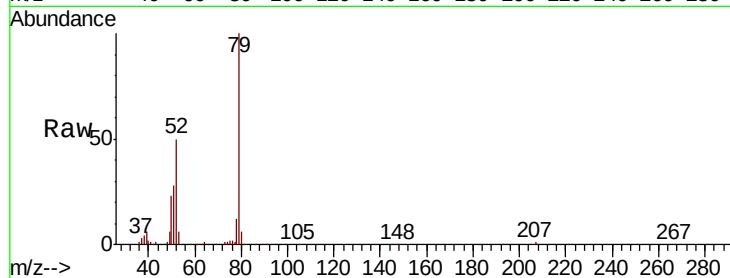
Tgt Ion: 79 Resp: 242147

Ion Ratio Lower Upper

79 100

52 50.0 40.7 61.1

51 28.1 23.0 34.6

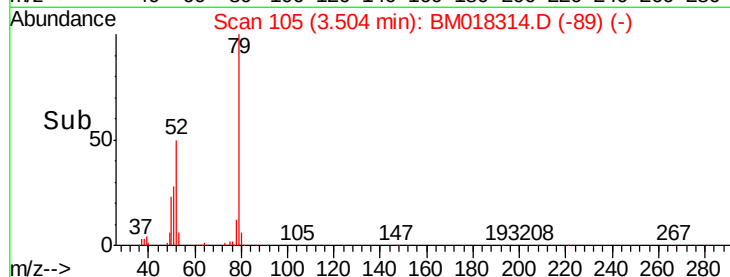


Abundance Ion 79.00 (78.70 to 79.70): BM018314.D (-99) (-)

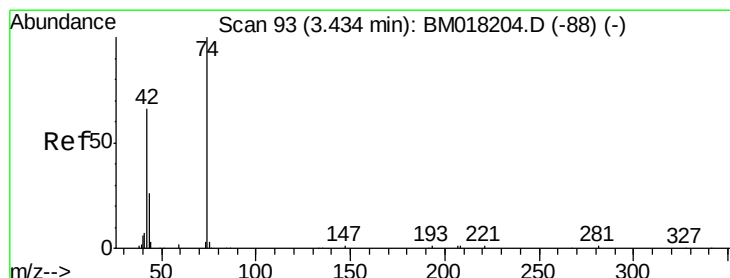
Ion 52.00 (51.70 to 52.70): BM018314.D (-99) (-)

Ion 51.00 (50.70 to 51.70): BM018314.D (-99) (-)

Time--> 3.40 3.50 3.60



Time--> 3.40 3.50 3.60



#4

n-Nitrosodimethylamine

Concen: 35.913 ng

RT: 3.42 min Scan# 91

Delta R.T. -0.01 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

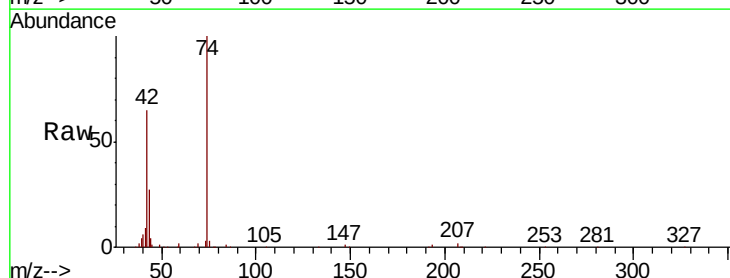
Tgt Ion: 42 Resp: 106451

Ion Ratio Lower Upper

42 100

74 153.2 120.4 180.6

44 5.4 4.6 7.0

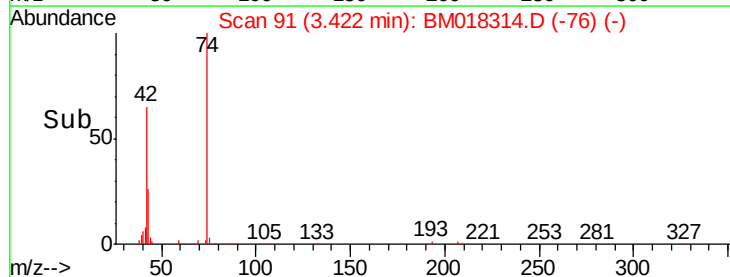


Abundance Ion 42.00 (41.70 to 42.70): BM018314.D (-89) (-)

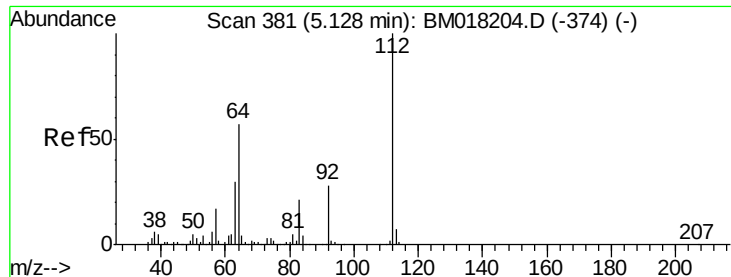
Ion 74.00 (73.70 to 74.70): BM018314.D (-89) (-)

Ion 44.00 (43.70 to 44.70): BM018314.D (-89) (-)

Time--> 3.35 3.40 3.45 3.50



Time--> 3.35 3.40 3.45 3.50



#5

2-Fluorophenol

Concen: 124.355 ng

RT: 5.12 min Scan# 380

Delta R.T. -0.01 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

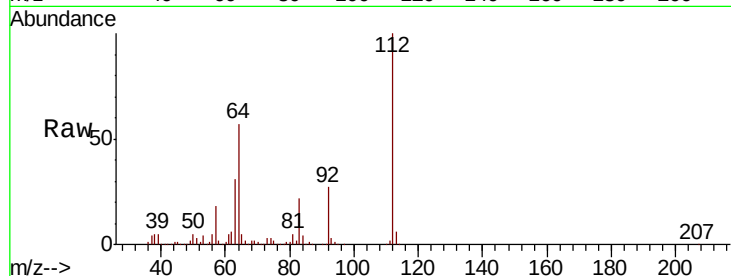
Tgt Ion: 112 Resp: 918951

Ion Ratio Lower Upper

112 100

64 57.4 45.4 68.2

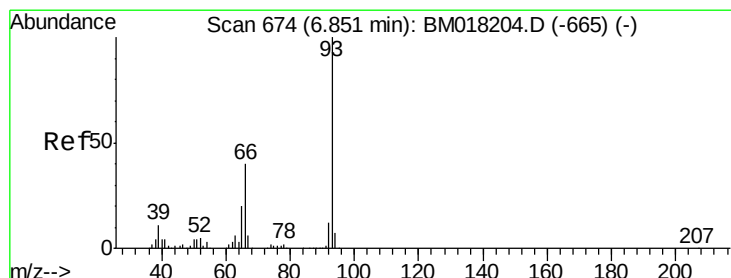
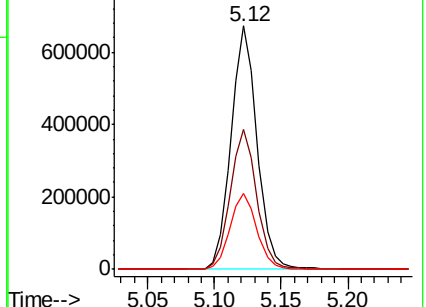
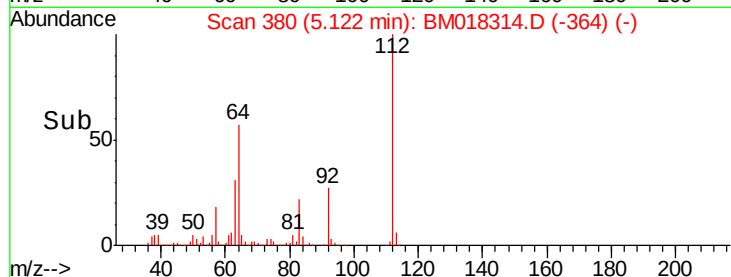
63 31.3 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 12.097 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

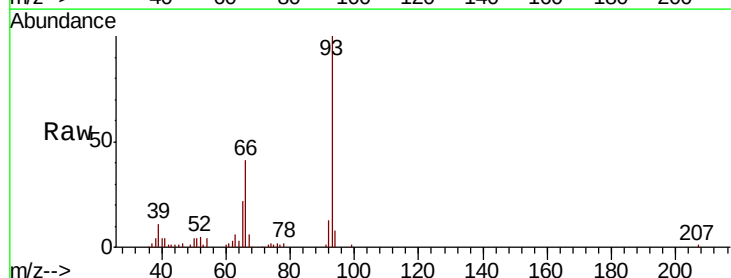
Tgt Ion: 93 Resp: 155869

Ion Ratio Lower Upper

93 100

66 41.2 32.3 48.5

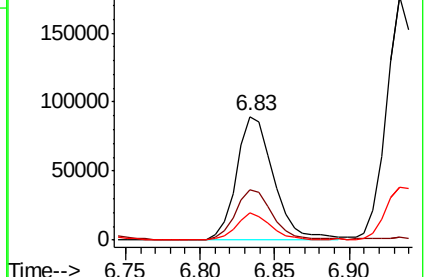
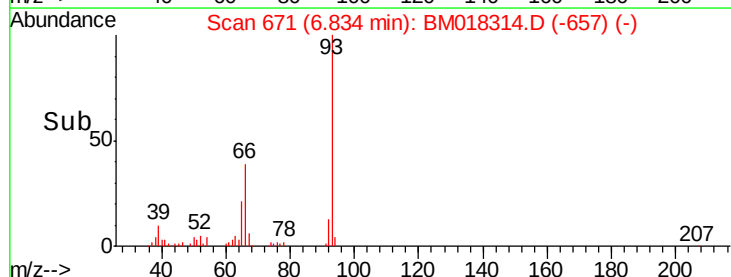
65 22.2 16.2 24.4

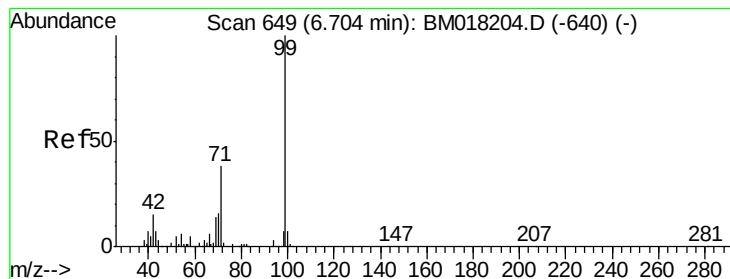


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 115.073 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018314.D

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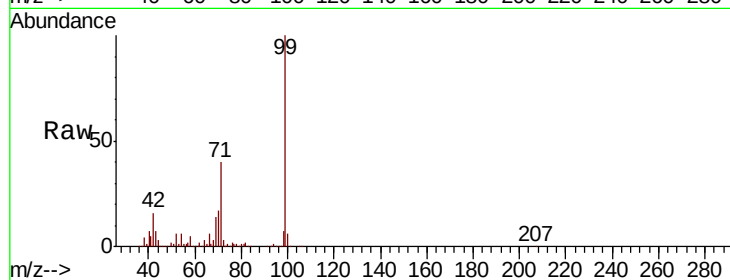
Tgt Ion: 99 Resp: 1181928

Ion Ratio Lower Upper

99 100

42 16.0 12.3 18.5

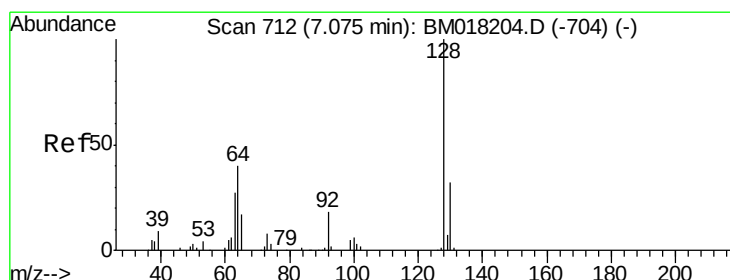
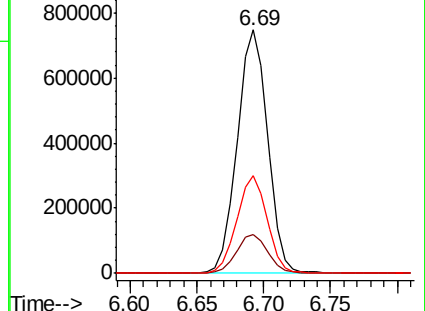
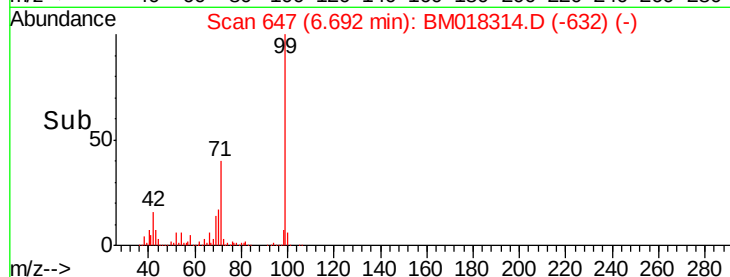
71 40.1 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018314.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018314.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018314.D (-632) (-)



#8

2-Chlorophenol

Concen: 29.935 ng

RT: 7.06 min Scan# 709

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

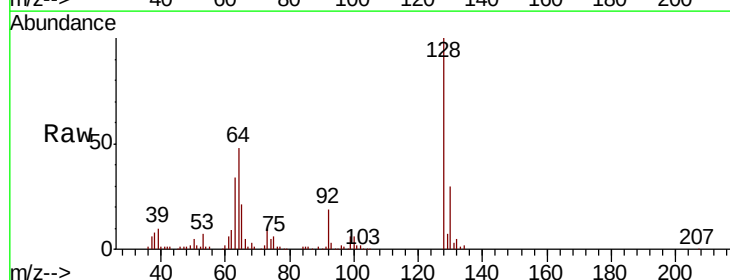
Tgt Ion: 128 Resp: 261363

Ion Ratio Lower Upper

128 100

130 29.8 12.3 52.3

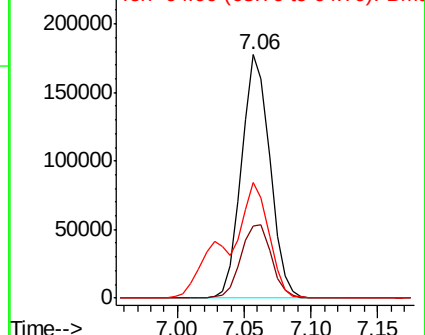
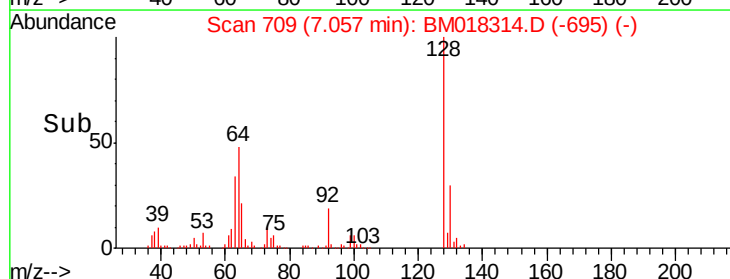
64 47.6 24.1 64.1

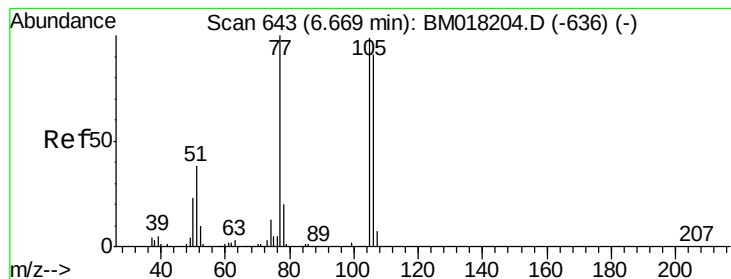


Abundance Ion 128.00 (127.70 to 128.70): BM018314.D (-695) (-)

Ion 130.00 (129.70 to 130.70): BM018314.D (-695) (-)

Ion 64.00 (63.70 to 64.70): BM018314.D (-695) (-)





#9

Benzaldehyde

Concen: 13.951 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM018314.D

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Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

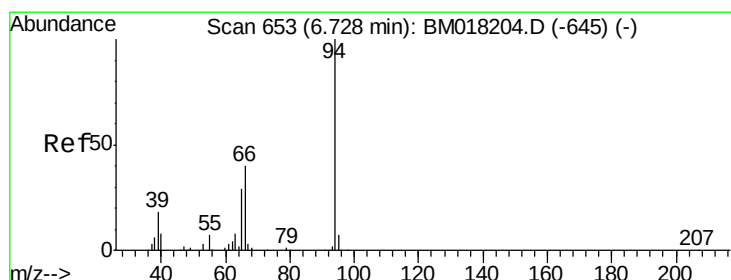
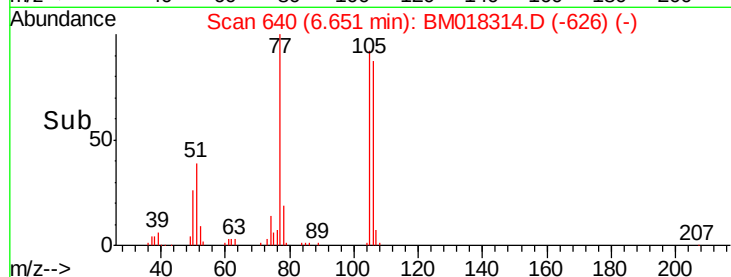
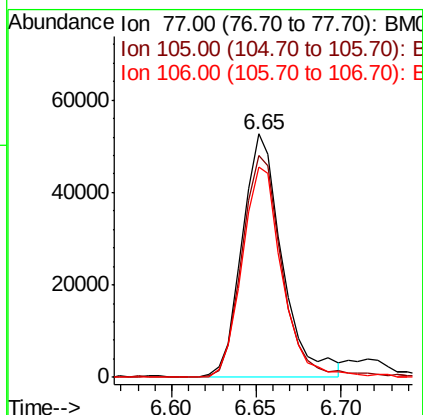
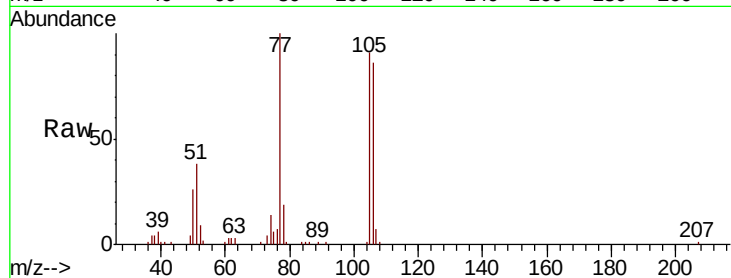
Tgt Ion: 77 Resp: 87341

Ion Ratio Lower Upper

77 100

105 91.1 78.8 118.8

106 86.5 70.7 110.7



#10

Phenol

Concen: 36.625 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

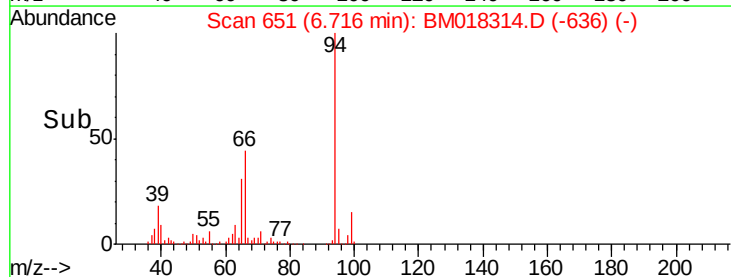
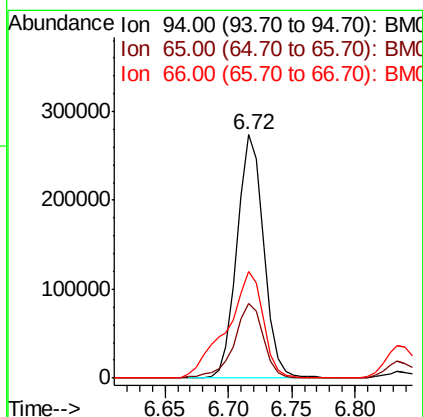
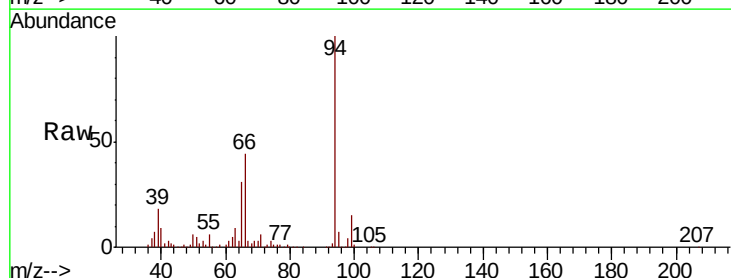
Tgt Ion: 94 Resp: 398388

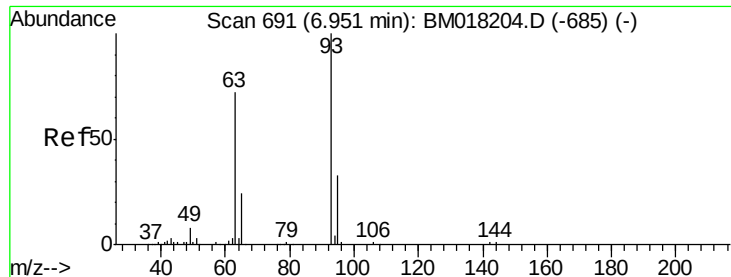
Ion Ratio Lower Upper

94 100

65 30.5 9.5 49.5

66 44.0 21.3 61.3

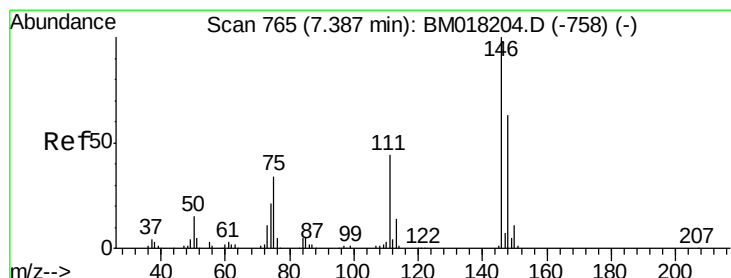
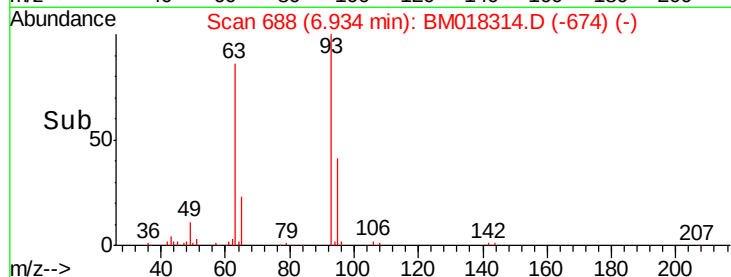
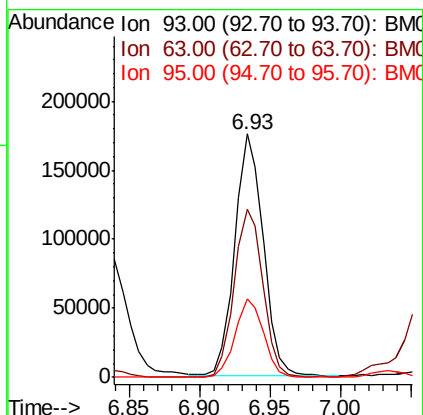
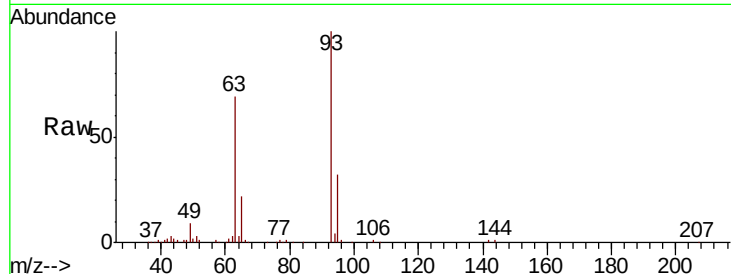




#11
bis(2-Chloroethyl)ether
Concen: 28.563 ng
RT: 6.93 min Scan# 688
Delta R.T. -0.02 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

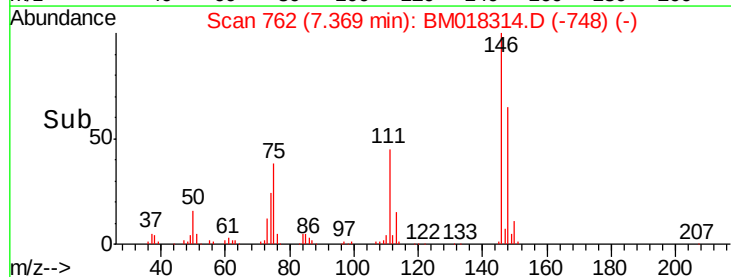
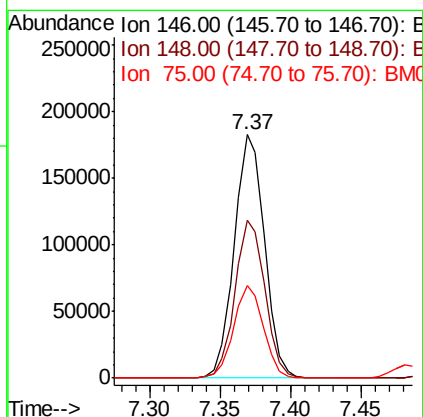
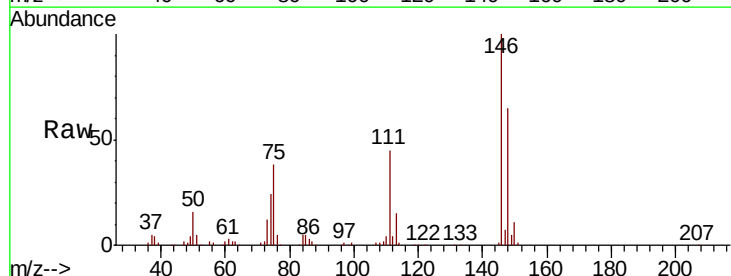
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MS

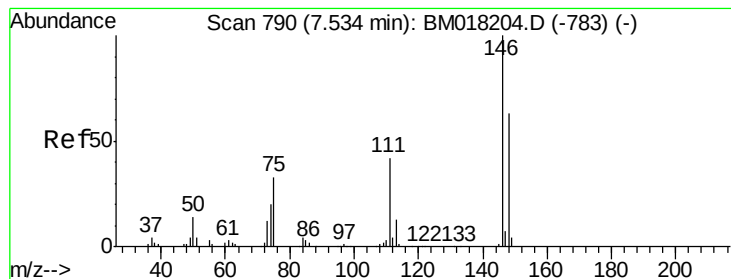
Tgt Ion: 93 Resp: 246925
Ion Ratio Lower Upper
93 100
63 69.2 51.7 91.7
95 32.2 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 28.078 ng
RT: 7.37 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

Tgt Ion: 146 Resp: 273747
Ion Ratio Lower Upper
146 100
148 64.9 50.6 76.0
75 38.0 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 28.499 ng

RT: 7.52 min Scan# 787

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

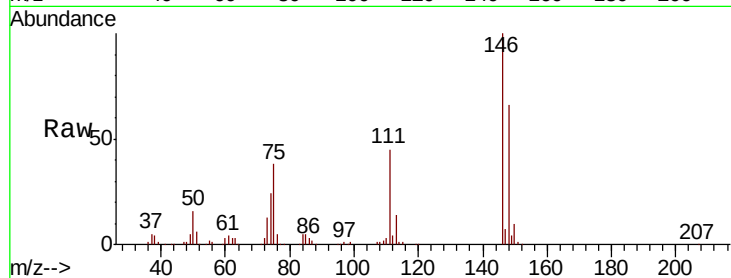
Tgt Ion:146 Resp: 282153

Ion Ratio Lower Upper

146 100

148 65.7 50.7 76.1

111 45.5 34.2 51.2

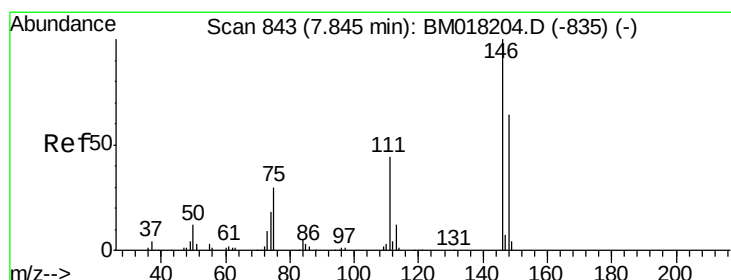
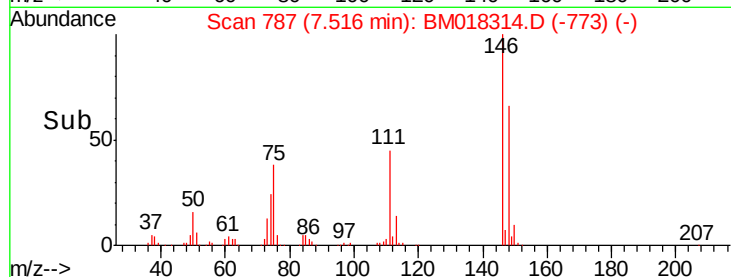
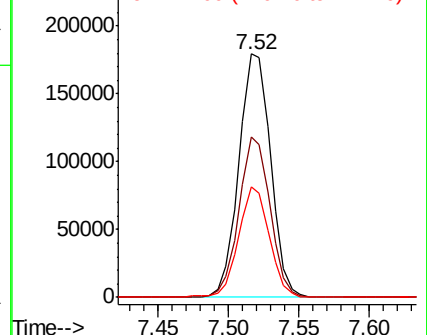


Abundance

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: 28.164 ng

RT: 7.83 min Scan# 840

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

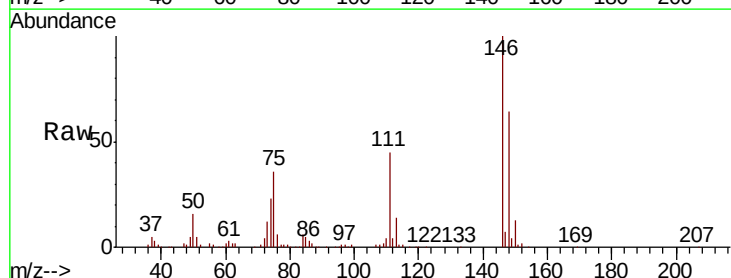
Tgt Ion:146 Resp: 268804

Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

111 44.6 35.8 53.8

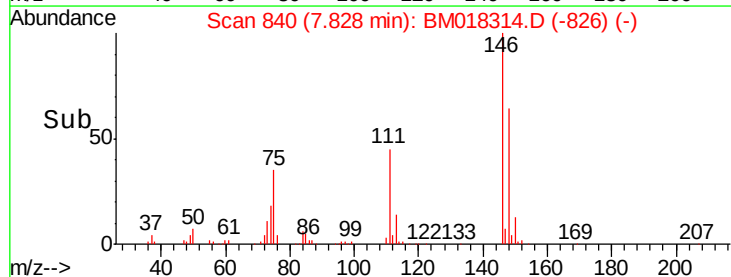
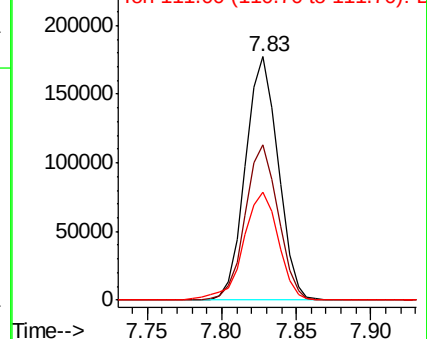


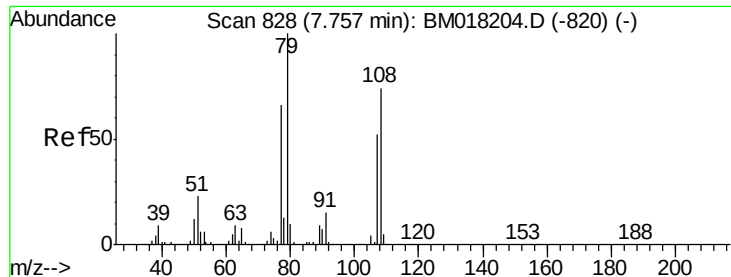
Abundance

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: 27.908 ng

RT: 7.74 min Scan# 825

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

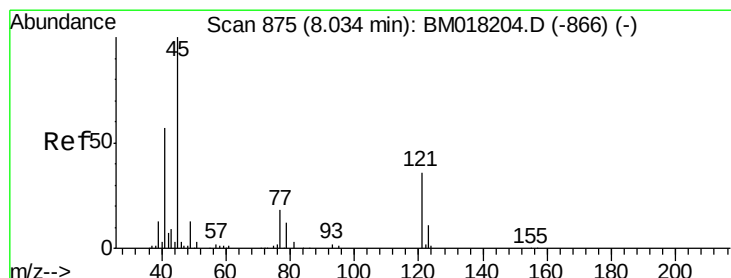
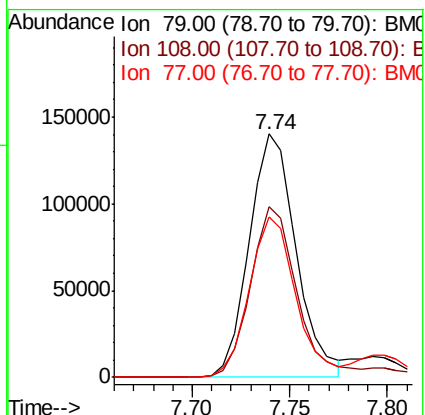
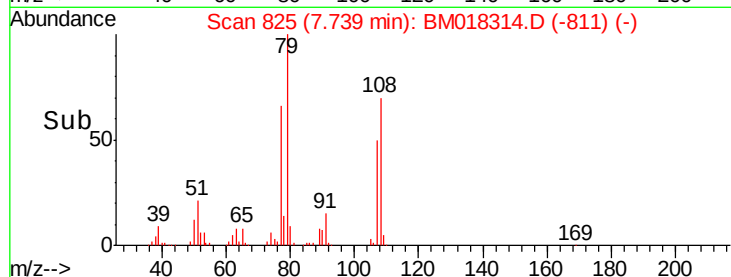
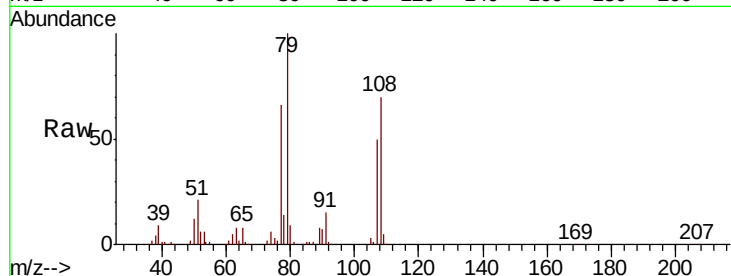
Tgt Ion: 79 Resp: 233572

Ion Ratio Lower Upper

79 100

108 70.1 59.3 88.9

77 65.8 53.0 79.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.020 ng

RT: 8.01 min Scan# 871

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

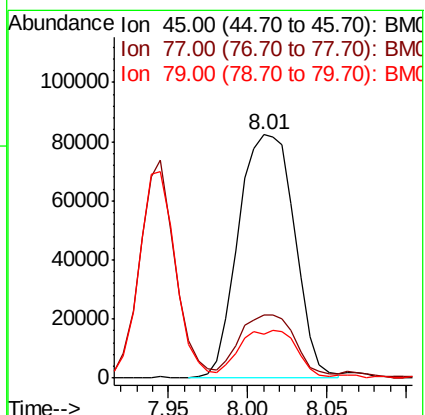
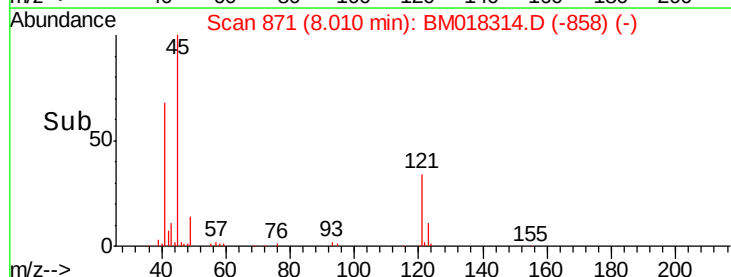
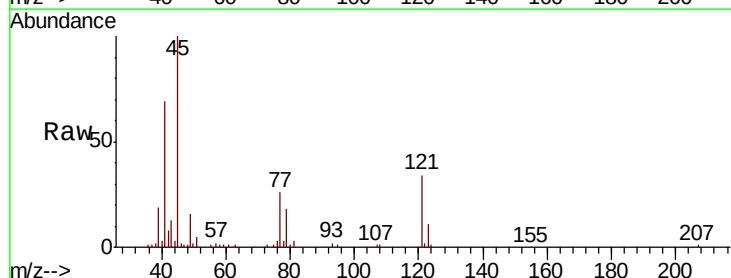
Tgt Ion: 45 Resp: 202429

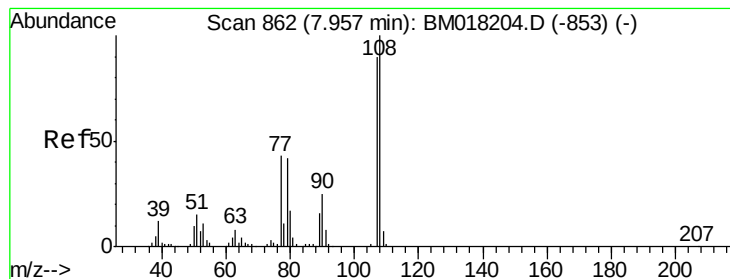
Ion Ratio Lower Upper

45 100

77 25.9 2.5 42.5

79 18.3 0.0 37.2





#17

2-Methylphenol

Concen: 28.700 ng

RT: 7.95 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

Tgt Ion:107 Resp: 208451

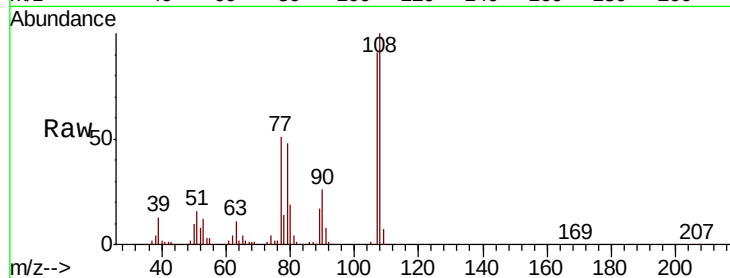
Ion Ratio Lower Upper

107 100

108 110.4 89.3 133.9

77 56.1 38.2 57.4

79 53.1 37.7 56.5



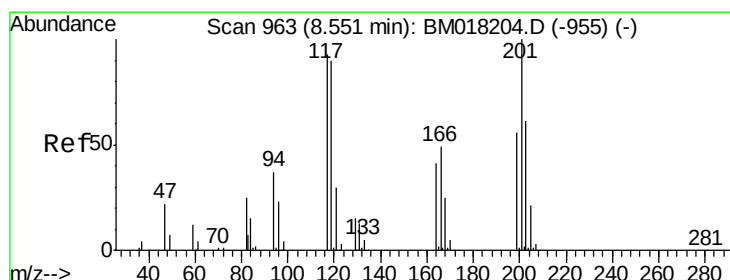
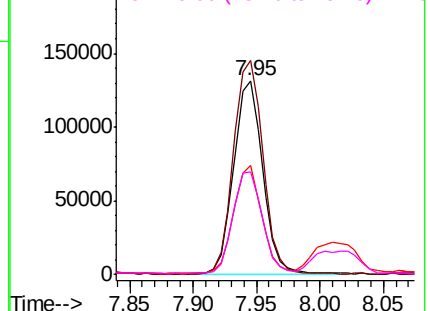
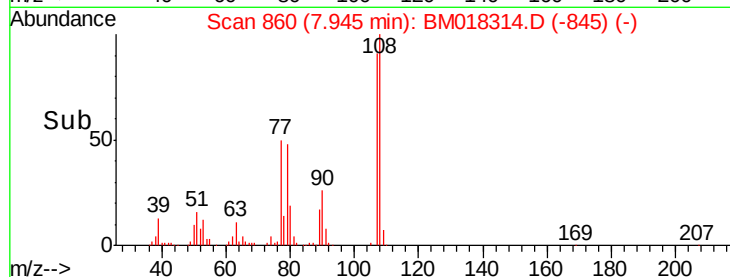
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 25.909 ng

RT: 8.53 min Scan# 960

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

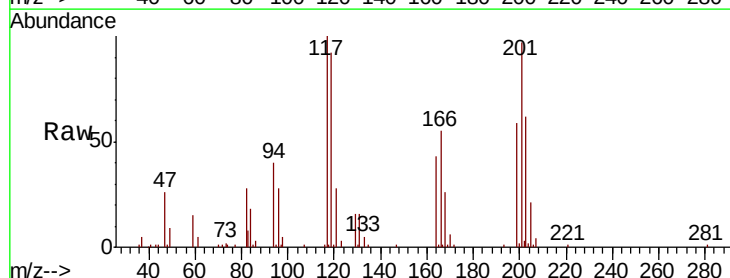
Tgt Ion:117 Resp: 94020

Ion Ratio Lower Upper

117 100

119 92.1 77.0 115.4

201 96.9 85.7 128.5

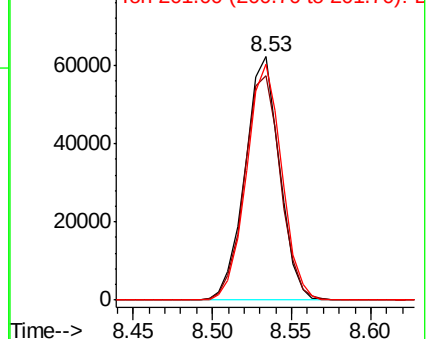
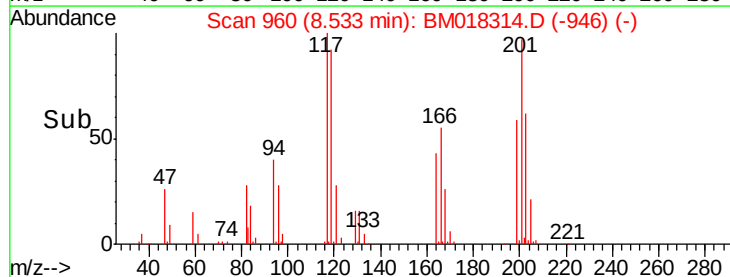


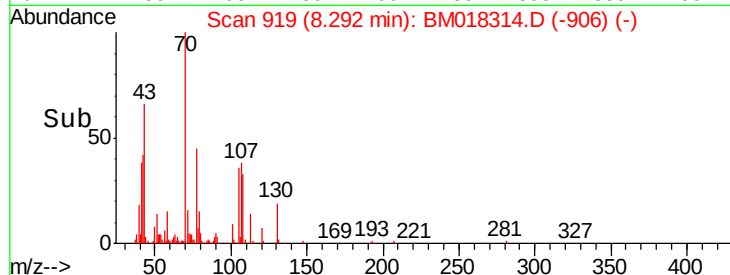
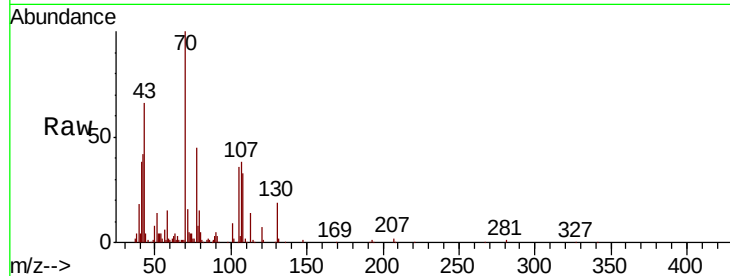
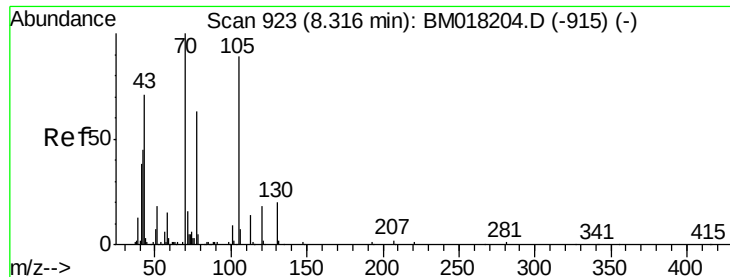
Abundance

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

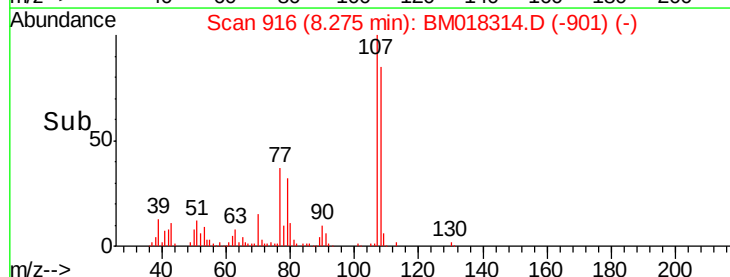
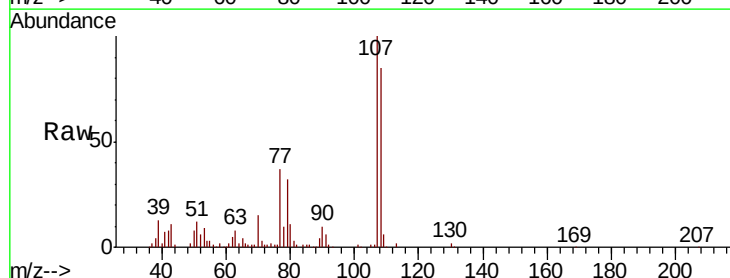
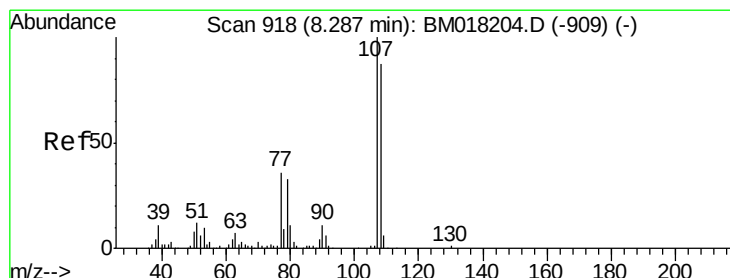
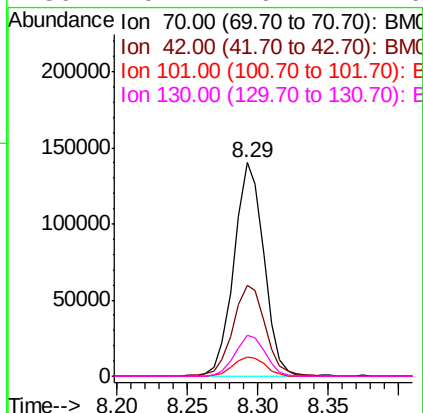




#19
n-Nitroso-di-n-propylamine
Concen: 27.077 ng
RT: 8.29 min Scan# 919
Delta R.T. -0.02 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

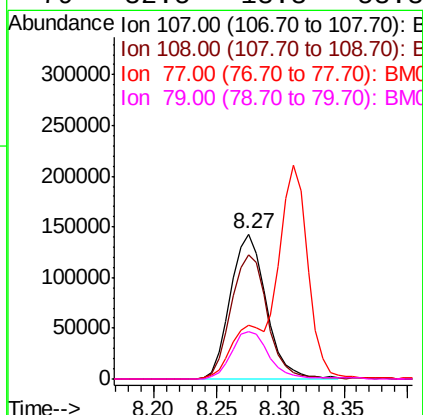
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MS

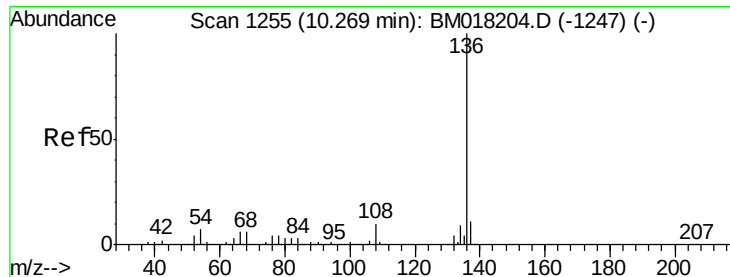
Tgt Ion:	70	Resp:	207654
Ion	Ratio	Lower	Upper
70	100		
42	42.3	36.2	54.2
101	8.9	7.5	11.3
130	19.4	16.4	24.6



#20
3+4-Methylphenols
Concen: 27.484 ng
RT: 8.27 min Scan# 916
Delta R.T. -0.01 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

Tgt Ion:	107	Resp:	279713
Ion	Ratio	Lower	Upper
107	100		
108	85.3	67.4	107.4
77	37.1	15.7	55.7
79	32.5	13.3	53.3

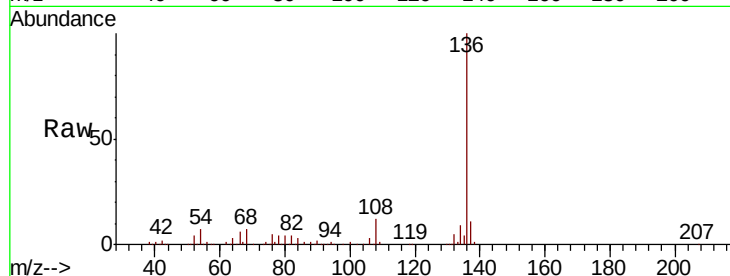




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MS

Tgt Ion:	136	Resp:	449002
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.7	5.2	7.8
68	6.5	5.0	7.6



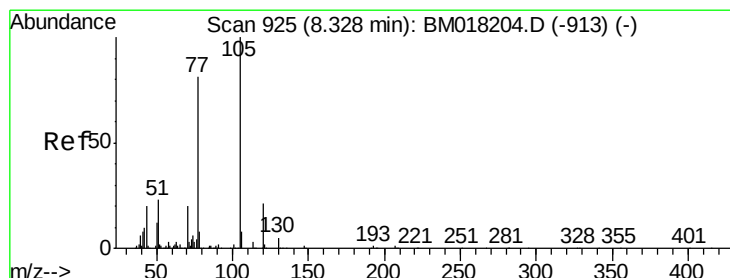
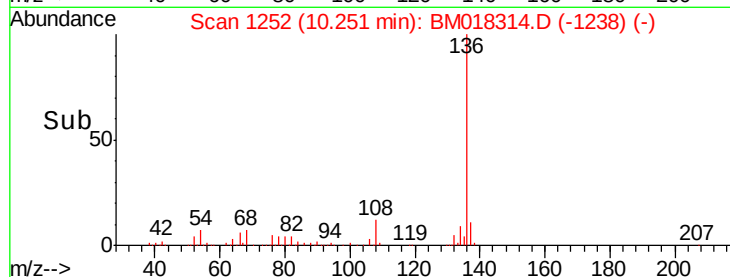
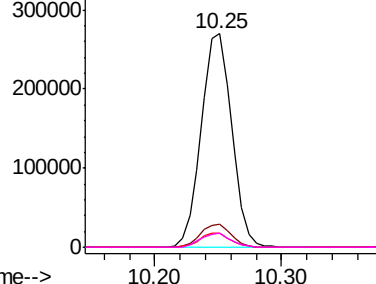
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

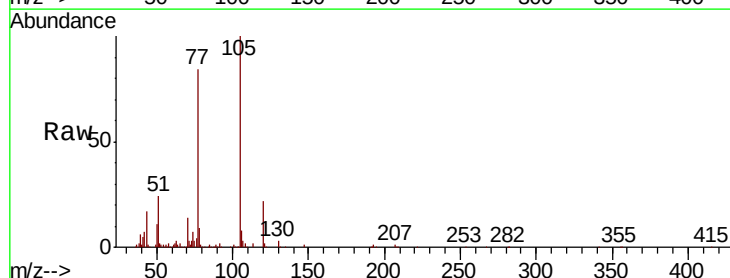
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 32.280 ng
RT: 8.31 min Scan# 922
Delta R.T. -0.02 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

Tgt Ion:	105	Resp:	383552
Ion	Ratio	Lower	Upper
105	100		
71	2.7	2.6	4.0
51	24.1	18.3	27.5
120	21.6	17.0	25.6



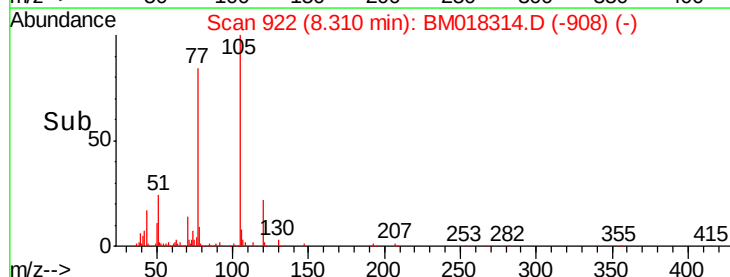
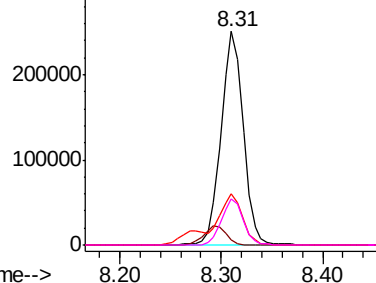
Abundance

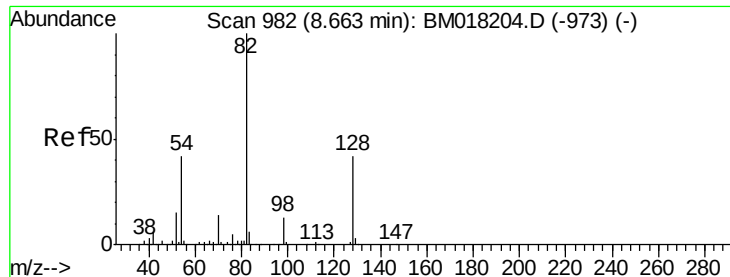
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

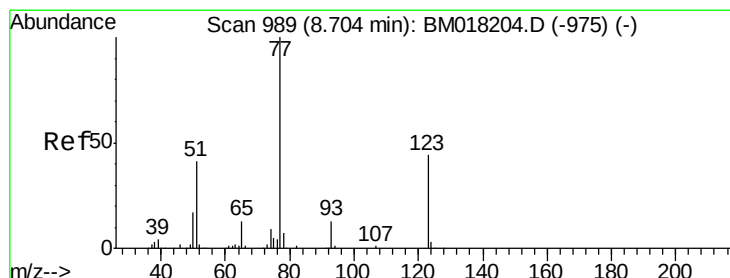
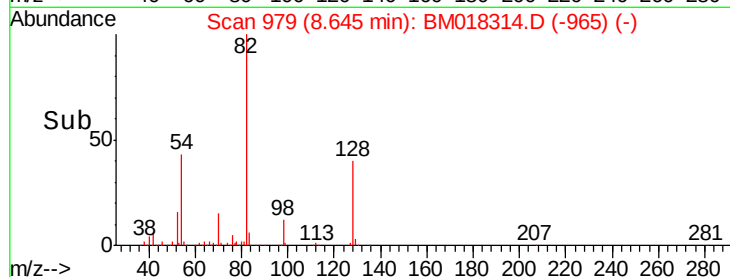
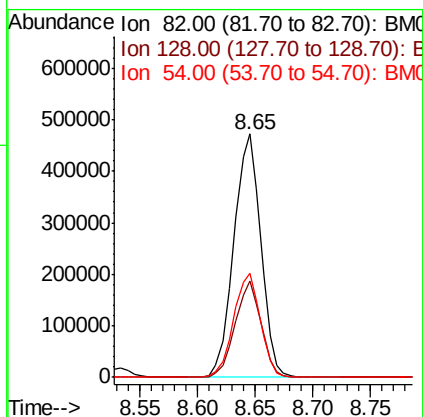
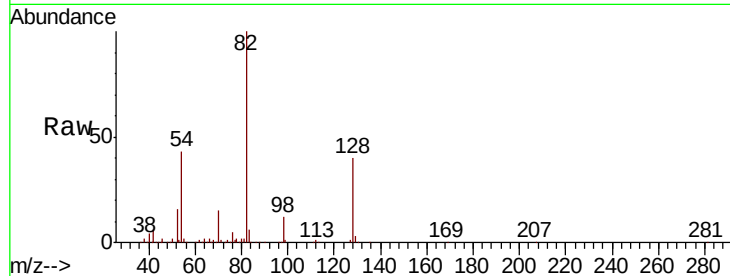




#23
 Nitrobenzene-d5
 Concen: 87.342 ng
 RT: 8.65 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

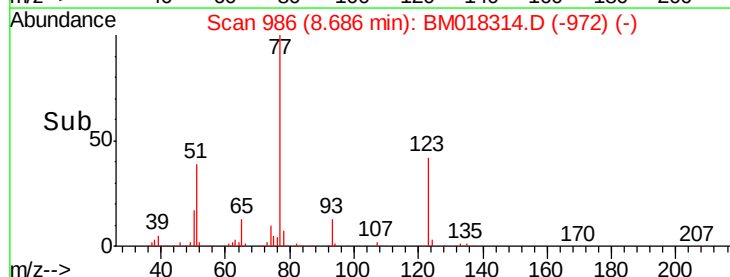
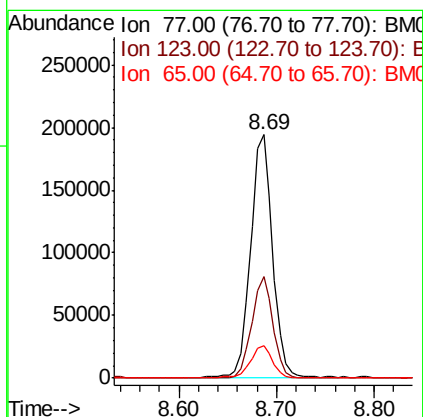
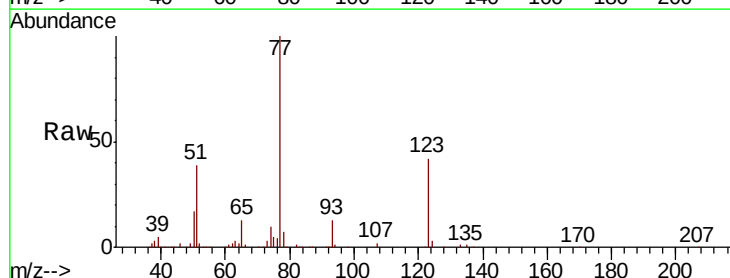
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MS

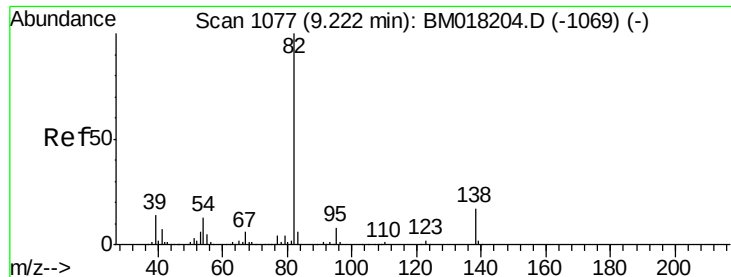
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.4	50.2
54	42.6	33.4	50.2



#24
 Nitrobenzene
 Concen: 35.438 ng
 RT: 8.69 min Scan# 986
 Delta R.T. -0.02 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.6	35.4	53.2
65	13.3	10.6	15.8





#25

Isophorone

Concen: 35.387 ng

RT: 9.20 min Scan# 1074

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

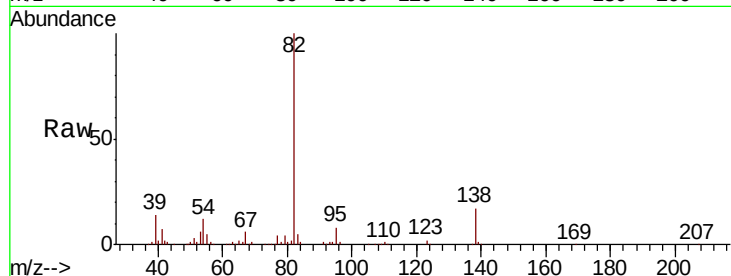
Tgt Ion: 82 Resp: 515719

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

138 17.1 13.9 20.9

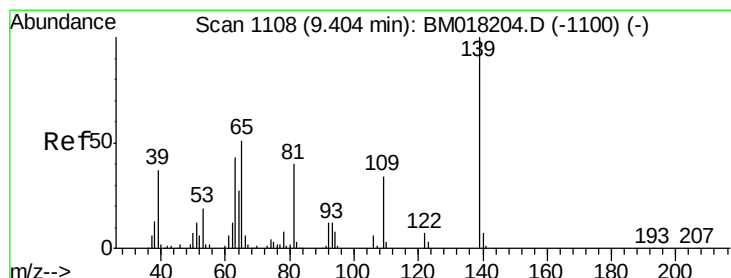
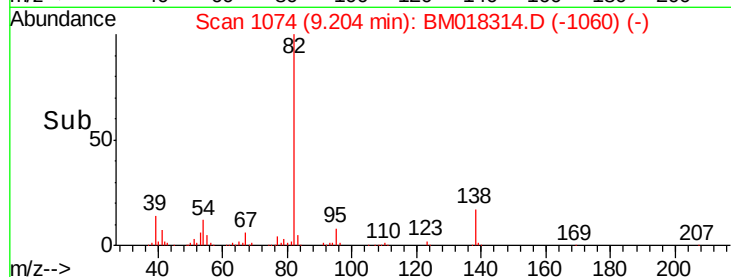


Abundance Ion 82.00 (81.70 to 82.70): BM018204.D (-1069) (-)

Ion 95.00 (94.70 to 95.70): BM018204.D (-1069) (-)

Ion 138.00 (137.70 to 138.70): BM018204.D (-1069) (-)

Time-->



#26

2-Nitrophenol

Concen: 30.126 ng

RT: 9.39 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

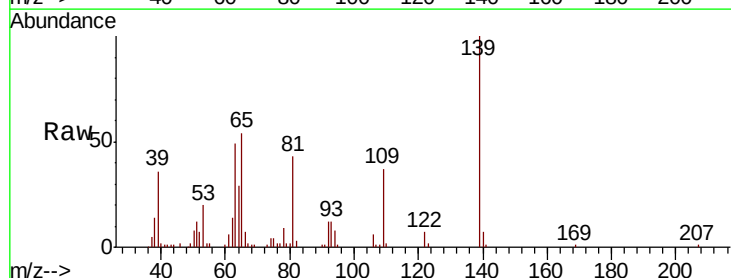
Tgt Ion: 139 Resp: 129238

Ion Ratio Lower Upper

139 100

109 36.5 27.4 41.0

65 54.0 41.0 61.4

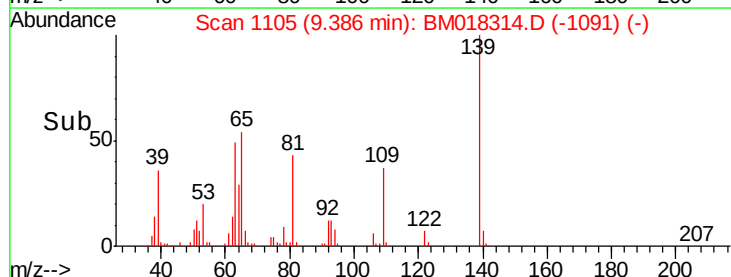


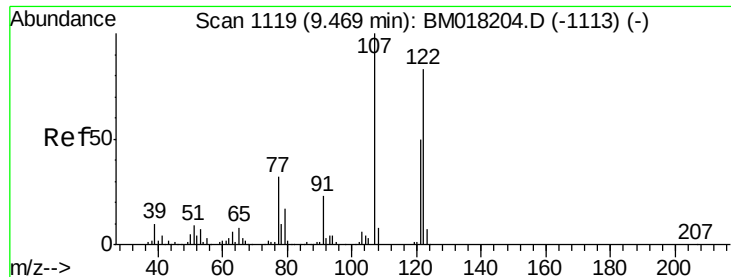
Abundance Ion 139.00 (138.70 to 139.70): BM018204.D (-1100) (-)

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

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

Time-->

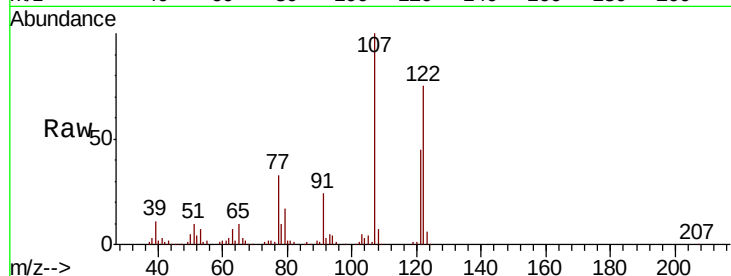




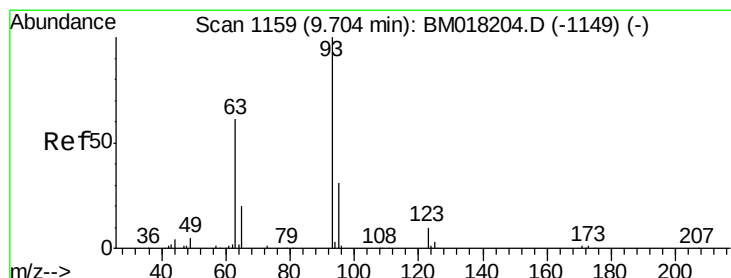
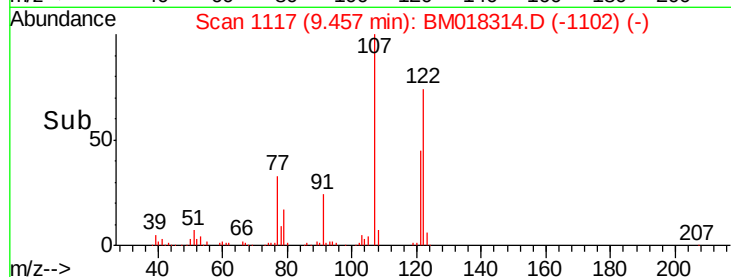
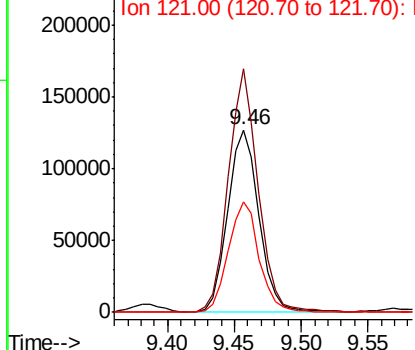
#27
 2,4-Dimethylphenol
 Concen: 33.710 ng
 RT: 9.46 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	133.3	96.5	144.7
121	60.3	48.2	72.4

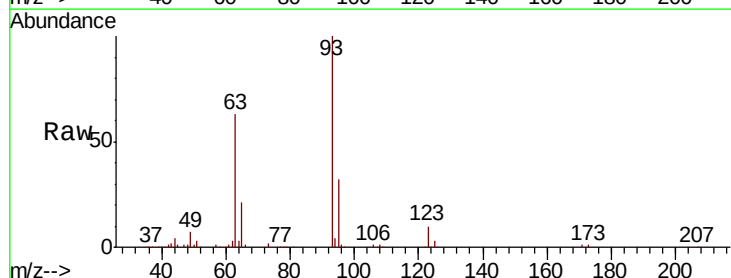


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

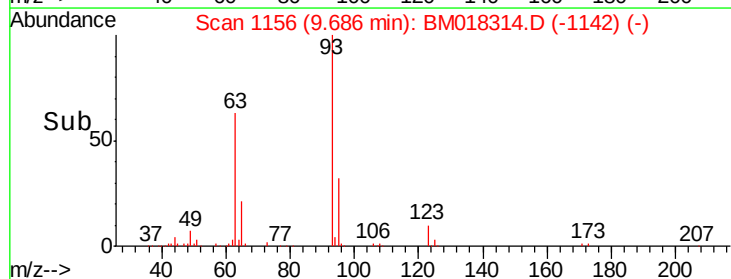
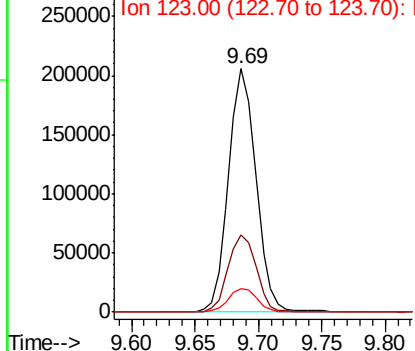


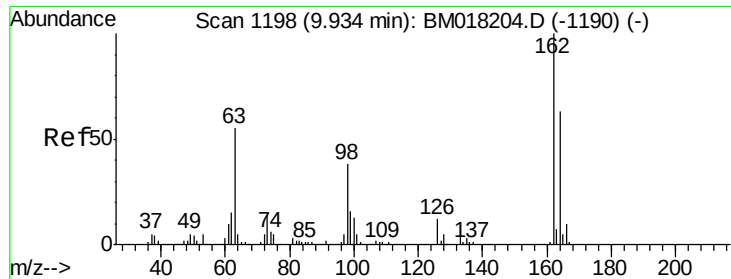
#28
 bis(2-Chloroethoxy)methane
 Concen: 32.628 ng
 RT: 9.69 min Scan# 1156
 Delta R.T. -0.02 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.3	37.9
123	9.9	9.3	13.9



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E

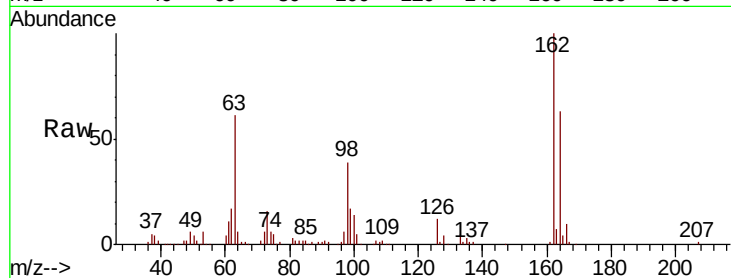




#29
2,4-Dichlorophenol
Concen: 30.881 ng
RT: 9.92 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.0	83.0
98	39.3	18.3	58.3

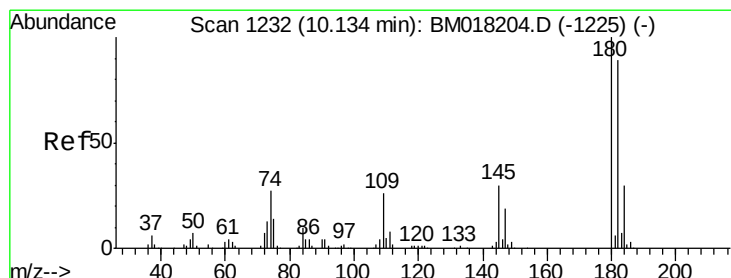
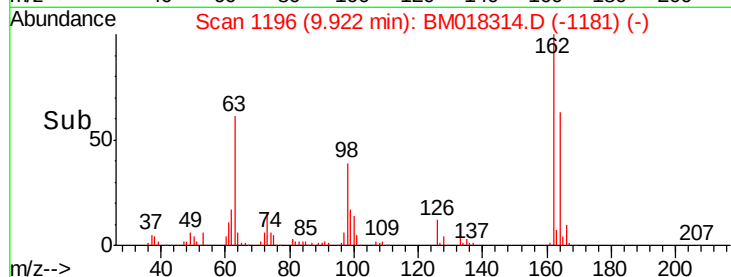
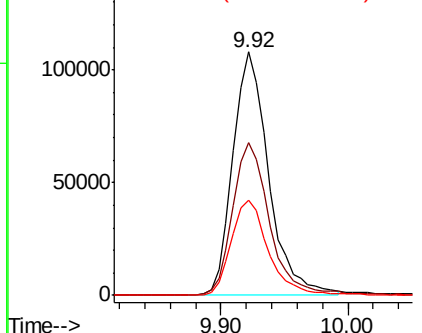


Abundance

Ion 162.00 (161.70 to 162.70): E

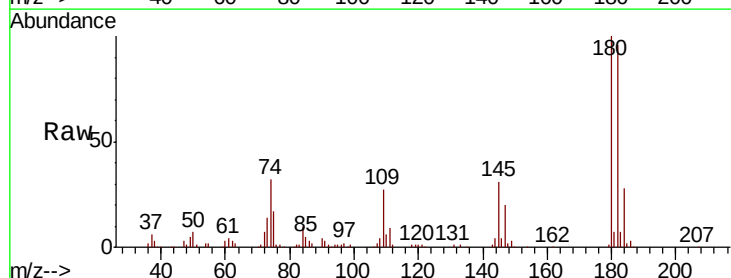
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 30.829 ng
RT: 10.12 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	71.4	107.2
145	31.2	24.4	36.6

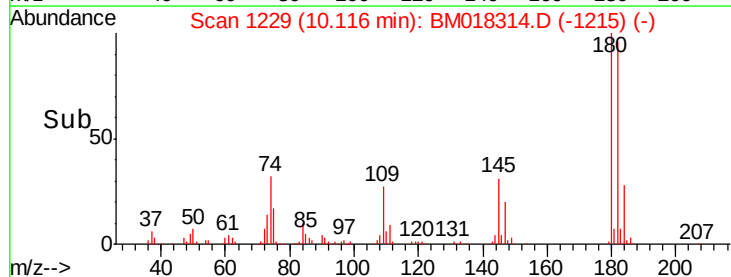
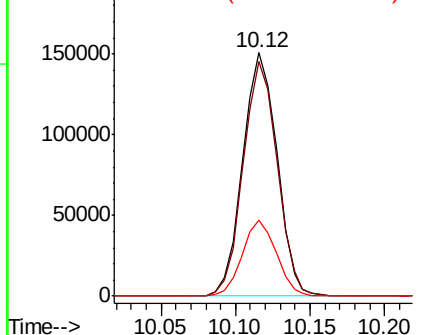


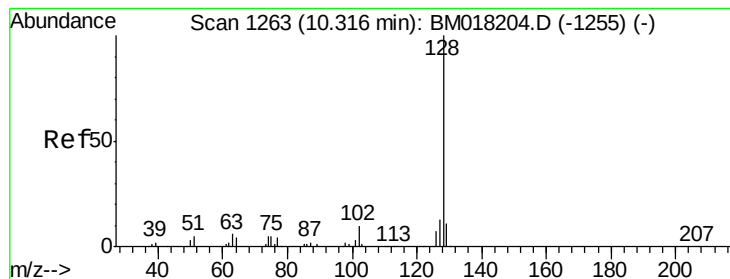
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 32.288 ng

RT: 10.30 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

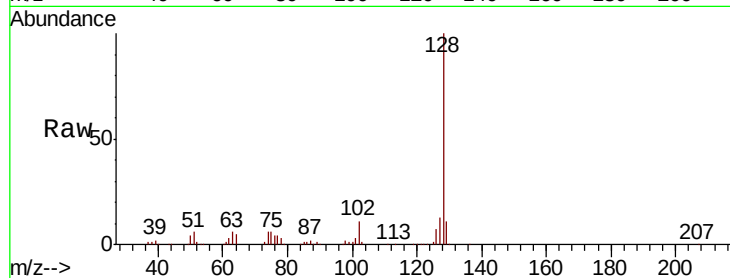
Tgt Ion:128 Resp: 708879

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.2 10.4 15.6

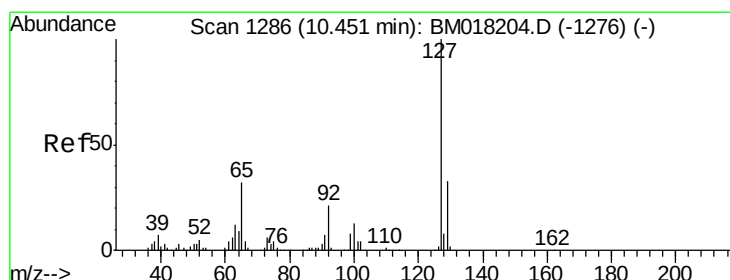
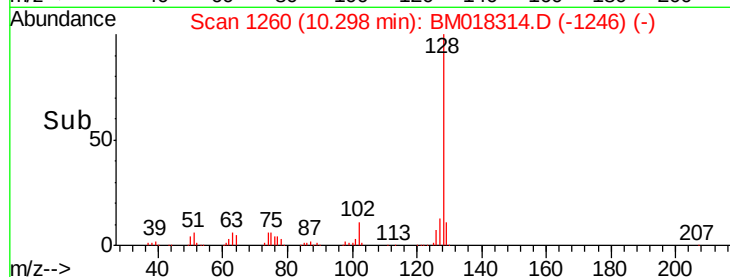
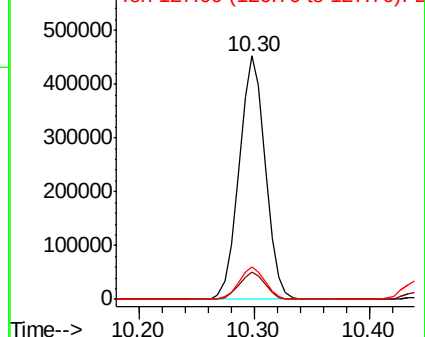


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 8.307 ng

RT: 10.45 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Tgt Ion:127 Resp: 79893

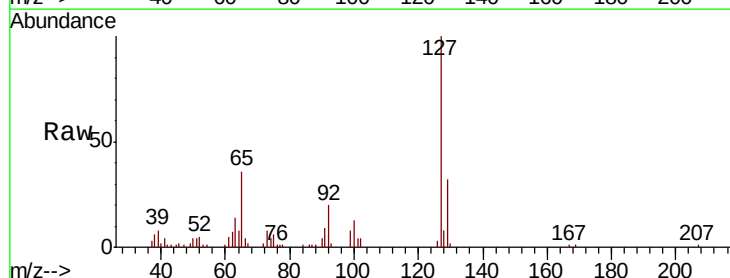
Ion Ratio Lower Upper

127 100

129 31.6 26.4 39.6

65 35.5 25.6 38.4

92 20.0 17.0 25.6



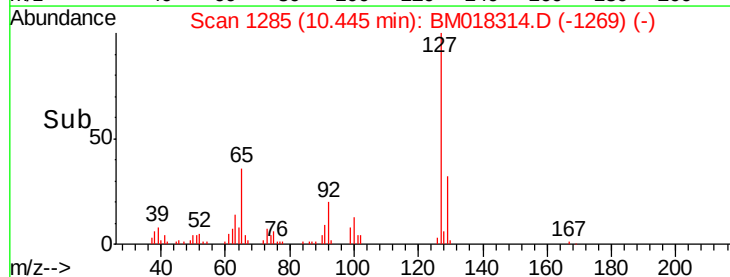
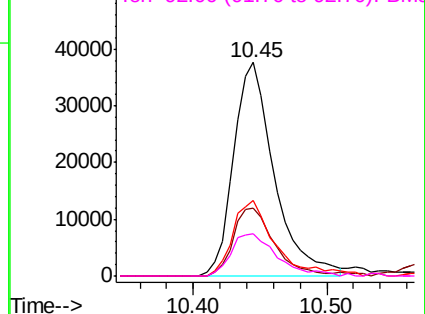
Abundance

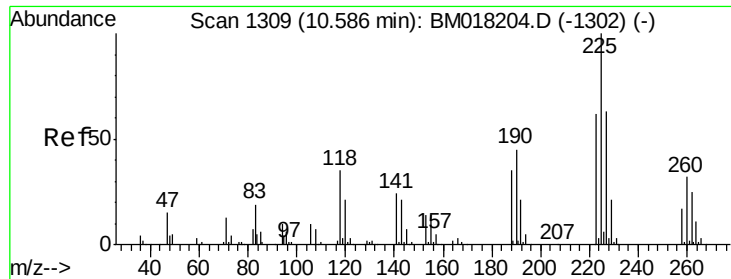
Ion 127.00 (126.70 to 127.70): E

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

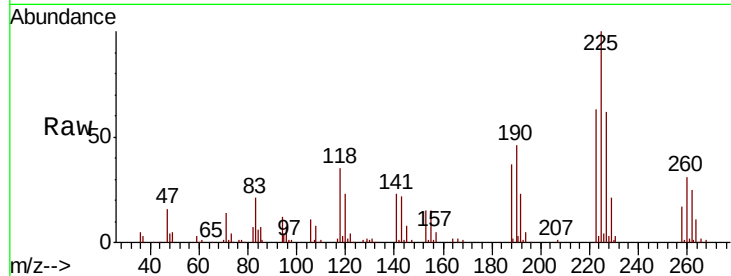




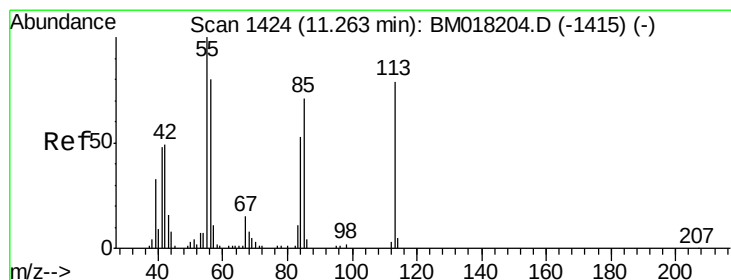
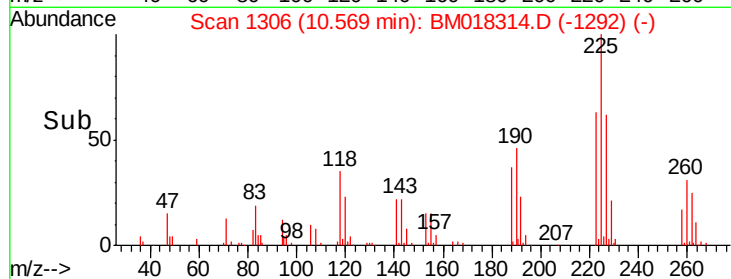
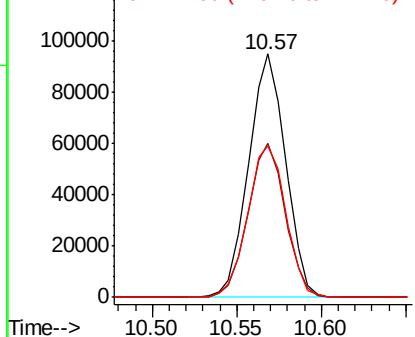
#34
Hexachlorobutadiene
Concen: 29.436 ng
RT: 10.57 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MS

Tgt Ion: 225 Resp: 145161
Ion Ratio Lower Upper
225 100
223 63.3 49.8 74.6
227 62.0 50.2 75.4

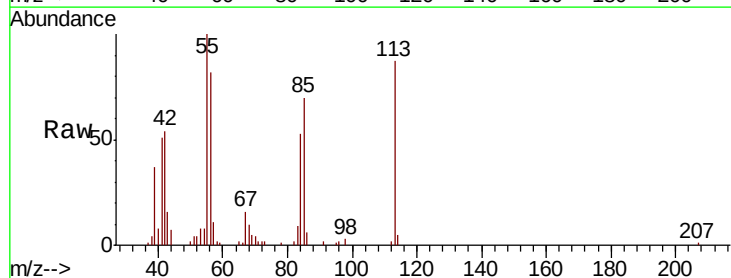


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

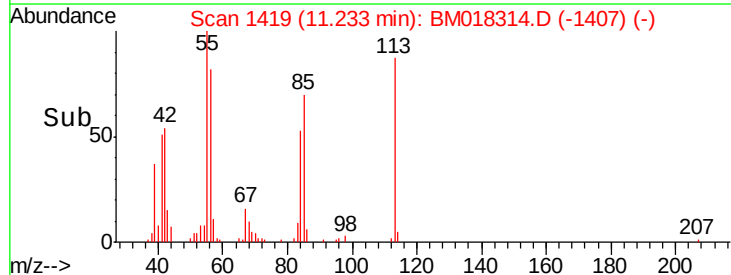
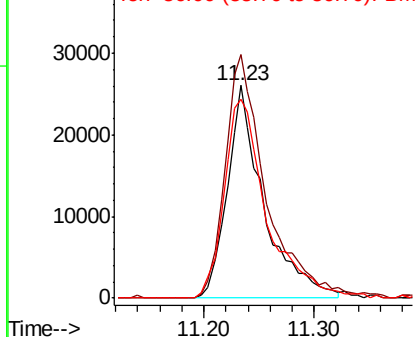


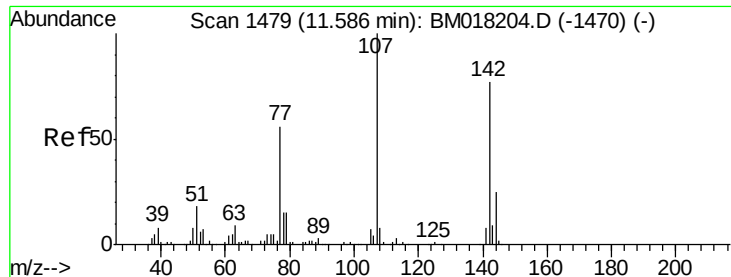
#35
Caprolactam
Concen: 23.010 ng
RT: 11.23 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

Tgt Ion: 113 Resp: 60105
Ion Ratio Lower Upper
113 100
55 114.6 105.9 145.9
56 93.7 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

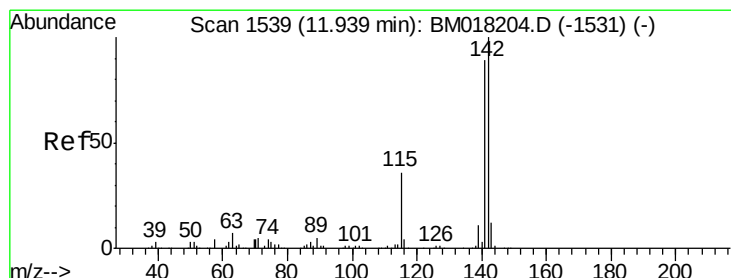
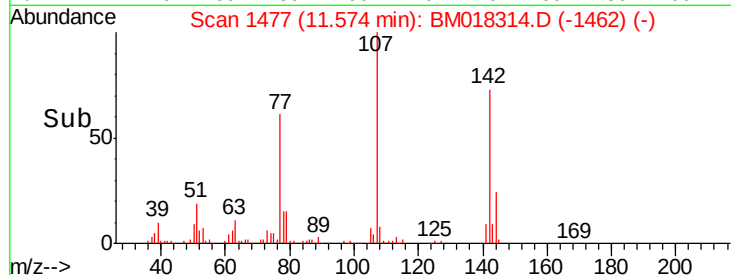
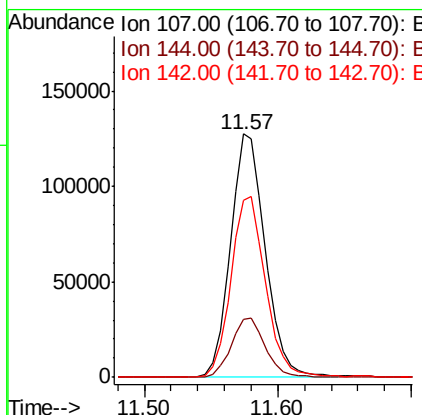
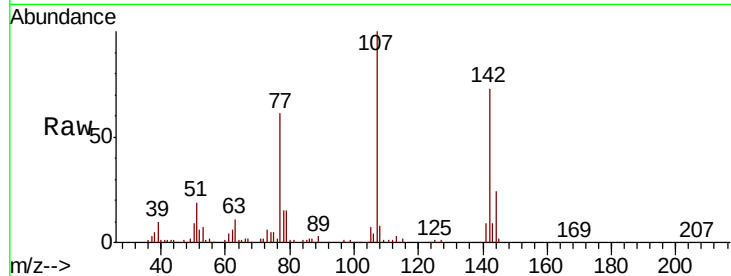




#36
 4-Chloro-3-methylphenol
 Concen: 27.954 ng
 RT: 11.57 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

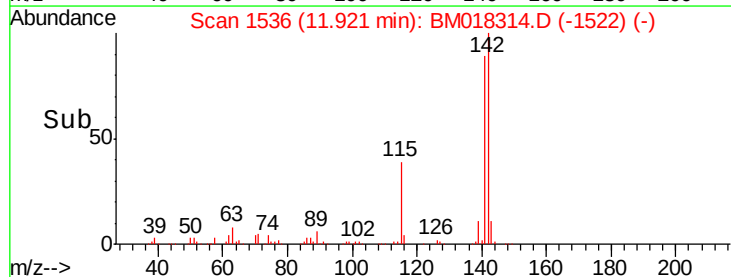
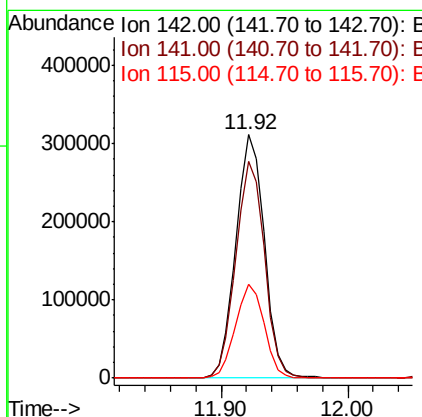
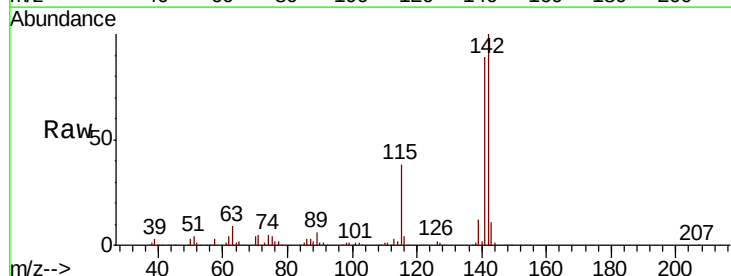
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MS

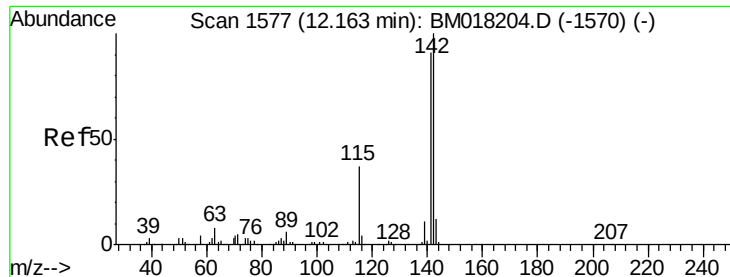
Tgt Ion:107 Resp: 230252
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.1 30.1
 142 72.7 61.7 92.5



#37
 2-Methylnaphthalene
 Concen: 31.372 ng
 RT: 11.92 min Scan# 1536
 Delta R.T. -0.02 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

Tgt Ion:142 Resp: 485740
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.4 107.2
 115 38.5 29.0 43.6

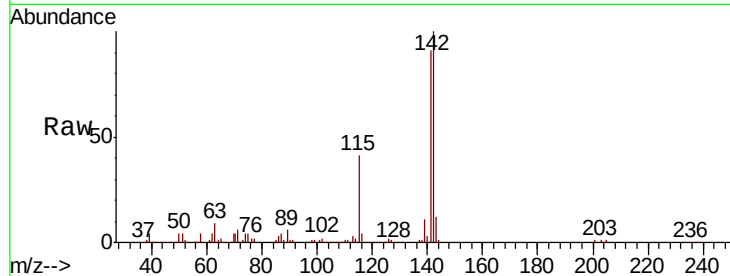




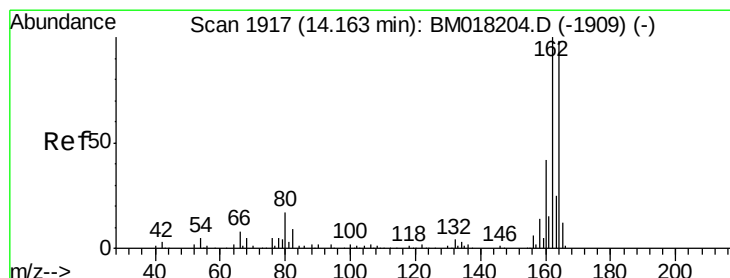
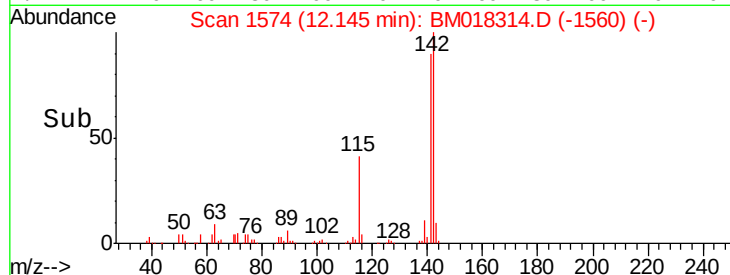
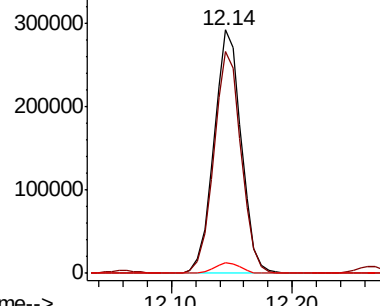
#38
1-Methylnaphthalene
Concen: 30.370 ng
RT: 12.14 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MS

Tgt Ion:142 Resp: 458832
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4
116 4.4 3.0 4.6

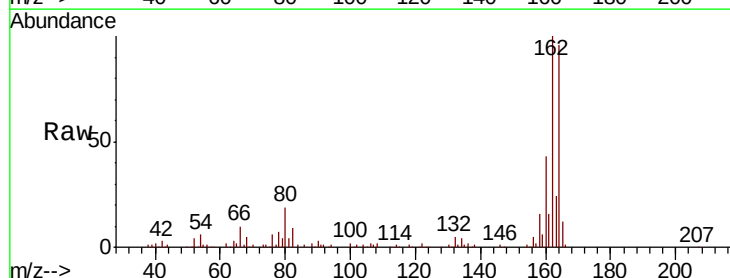


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

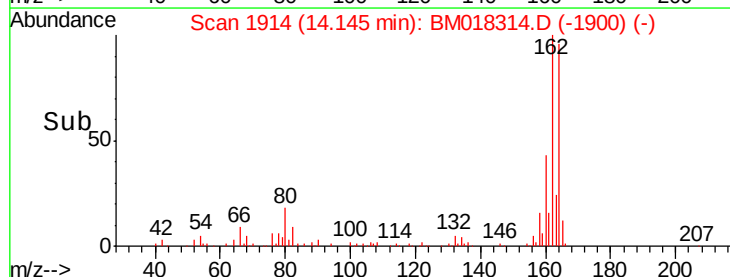
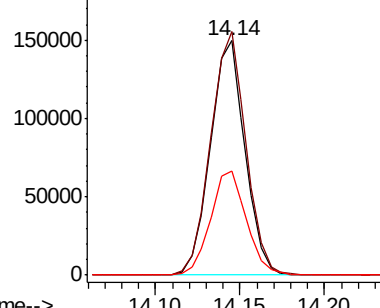


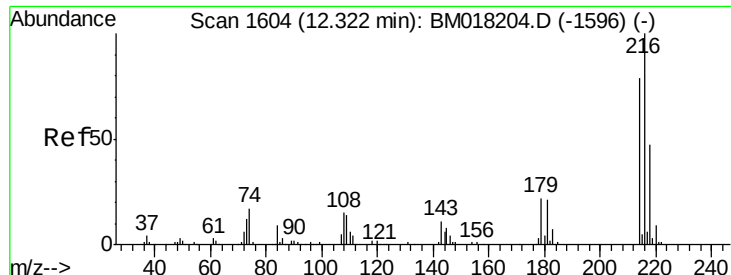
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

Tgt Ion:164 Resp: 212973
Ion Ratio Lower Upper
164 100
162 103.9 81.8 122.6
160 44.7 34.6 51.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

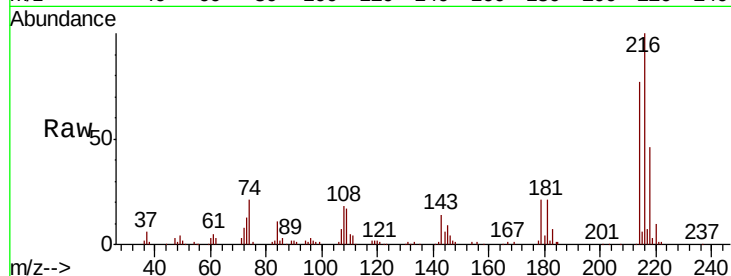




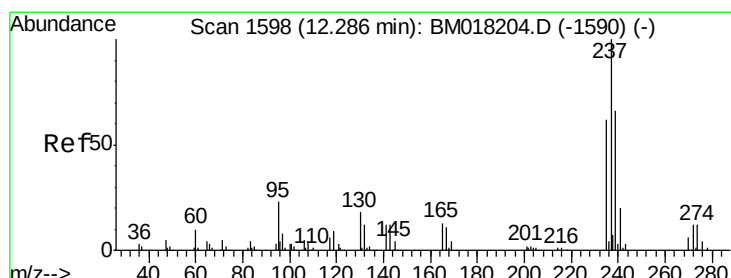
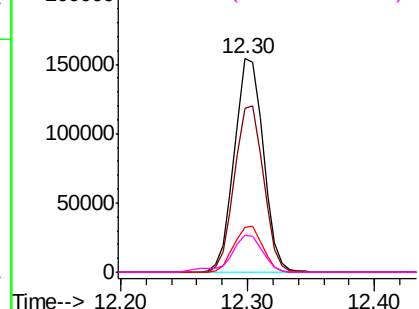
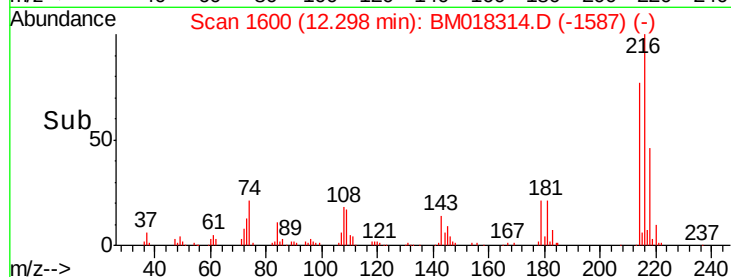
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.245 ng
 RT: 12.30 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MS

Tgt Ion:	216	Resp:	243472
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.4	95.0
179	21.7	17.2	25.8
108	19.0	14.6	21.8

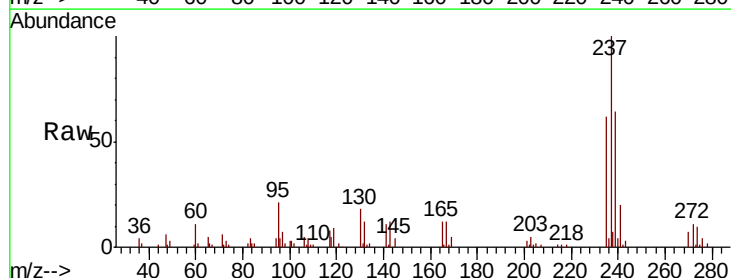


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

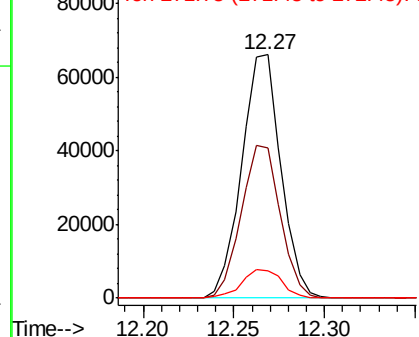
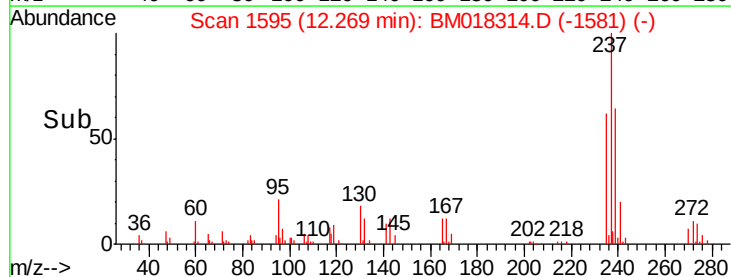


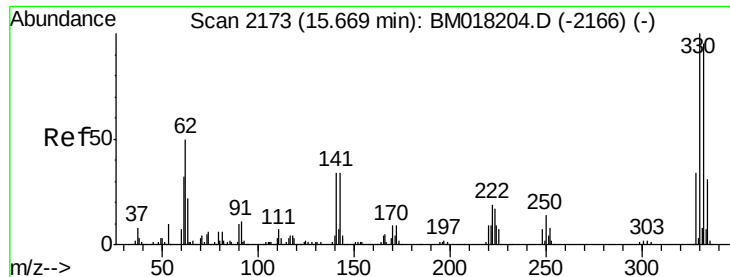
#41
 Hexachlorocyclopentadiene
 Concen: 35.956 ng
 RT: 12.27 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

Tgt Ion:	237	Resp:	99424
Ion	Ratio	Lower	Upper
237	100		
235	61.7	42.1	82.1
272	11.0	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

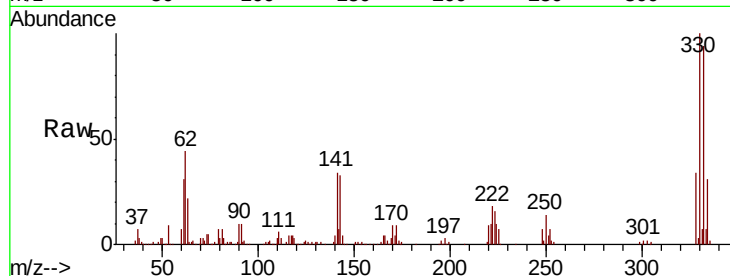




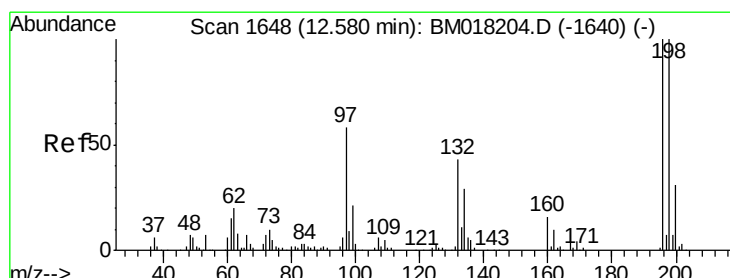
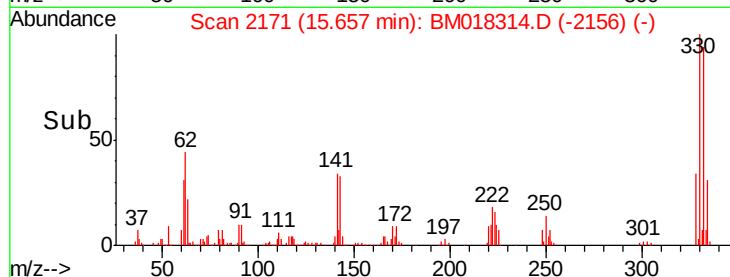
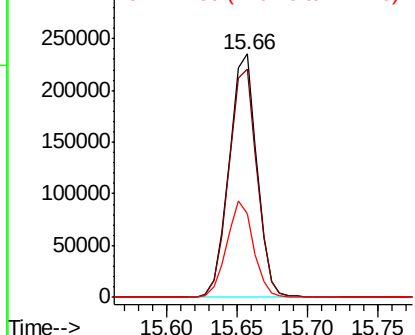
#42
 2,4,6-Tribromophenol
 Concen: 103.033 ng
 RT: 15.66 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.6	118.0
141	38.2	27.1	40.7

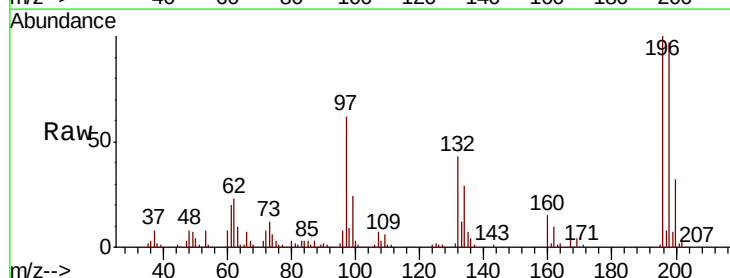


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

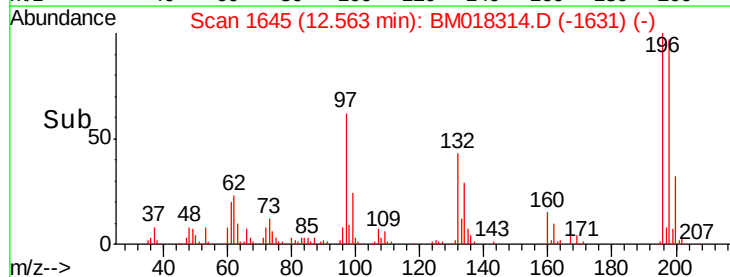
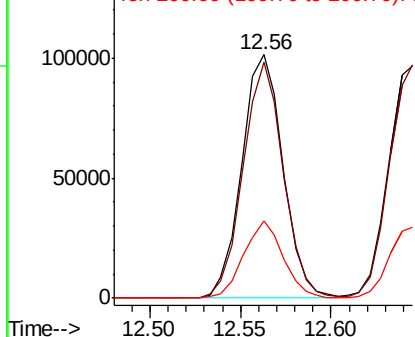


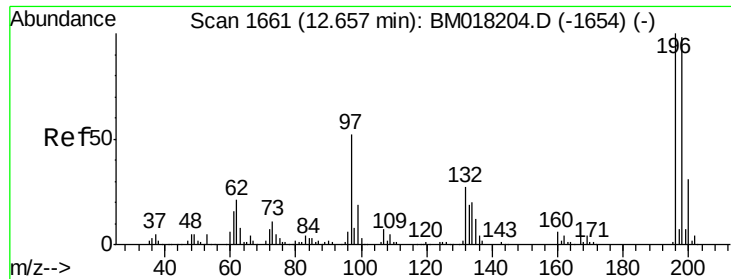
#43
 2,4,6-Trichlorophenol
 Concen: 33.973 ng
 RT: 12.56 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	80.1	120.1
200	31.7	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

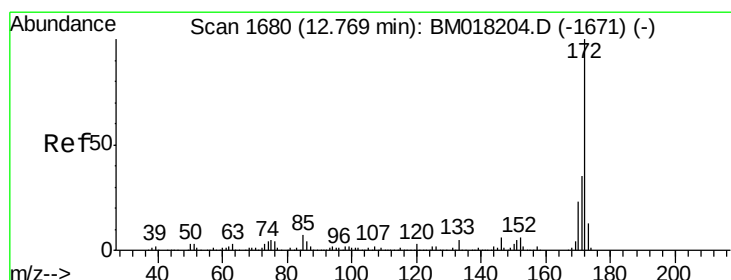
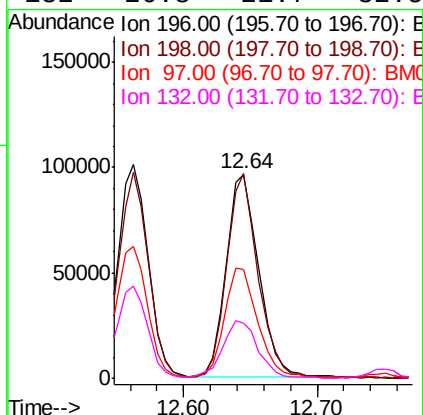
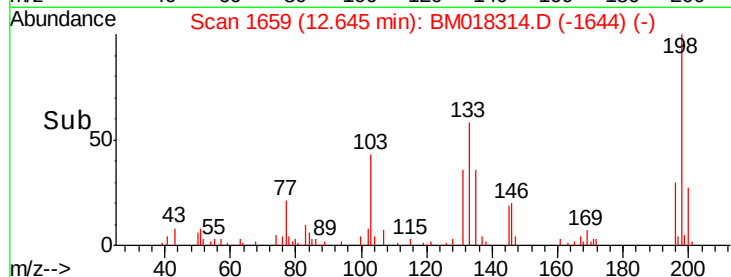
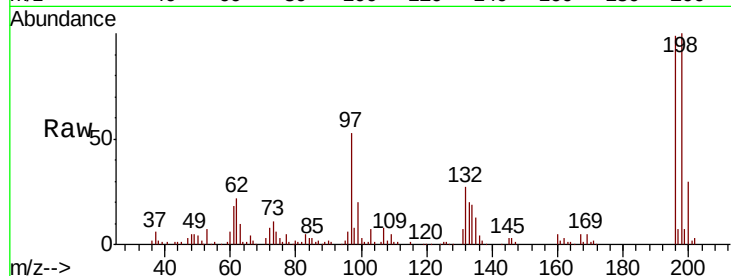




#44
2,4,5-Trichlorophenol
Concen: 33.016 ng
RT: 12.64 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

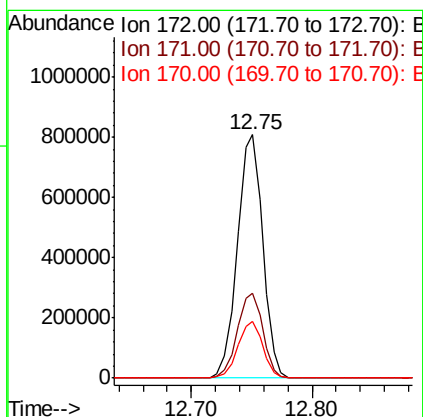
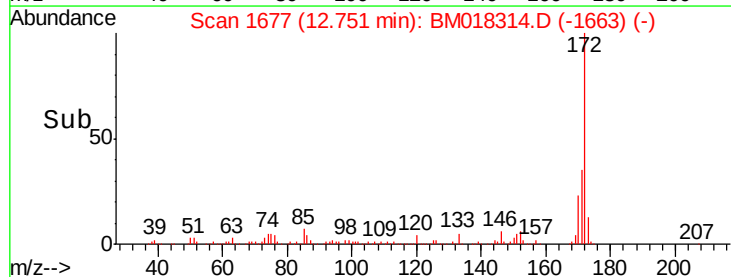
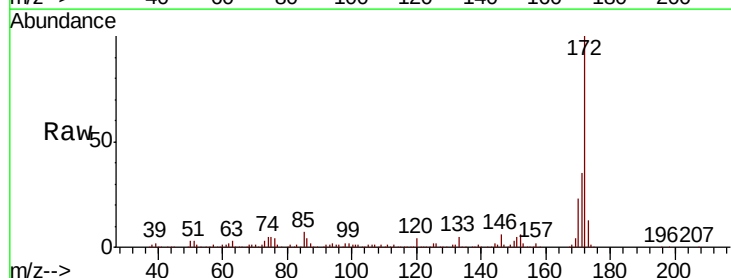
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MS

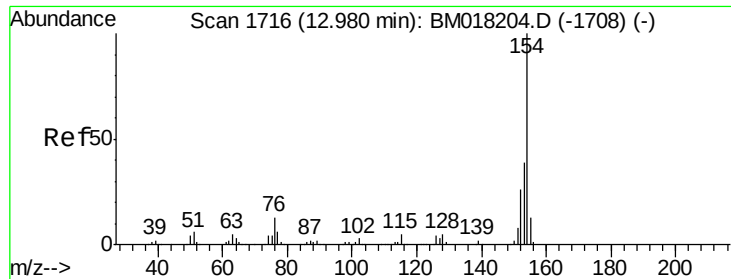
Tgt Ion	Resp	Lower	Upper
196	165103		
198	100	78.5	117.7
97	53.6	41.9	62.9
132	26.8	21.7	32.5



#45
2-Fluorobiphenyl
Concen: 72.137 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

Tgt Ion	Resp	Lower	Upper
172	1186127		
171	34.9	28.3	42.5
170	23.3	18.1	27.1





#46

1,1'-Biphenyl

Concen: 30.416 ng

RT: 12.96 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

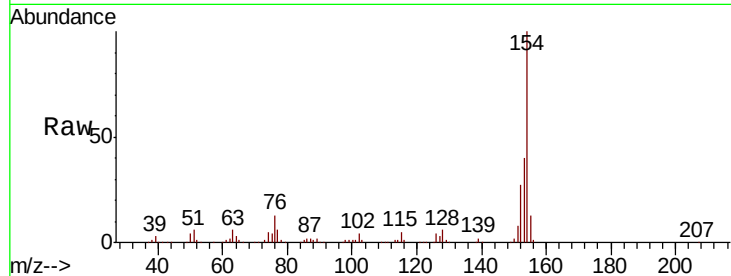
Tgt Ion:154 Resp: 582764

Ion Ratio Lower Upper

154 100

153 39.8 19.5 59.5

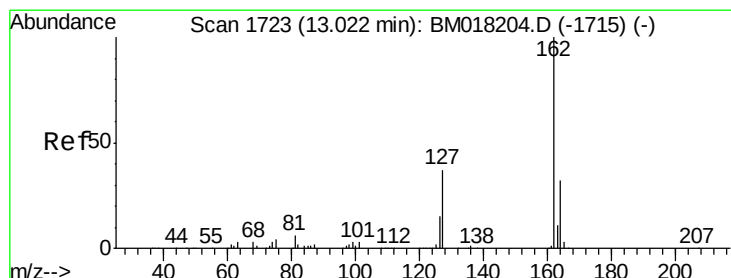
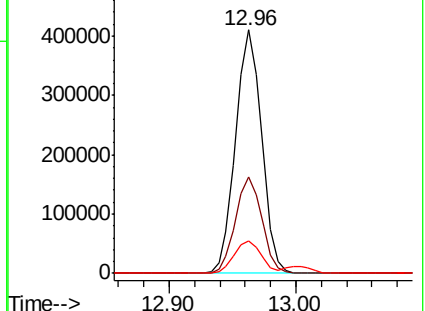
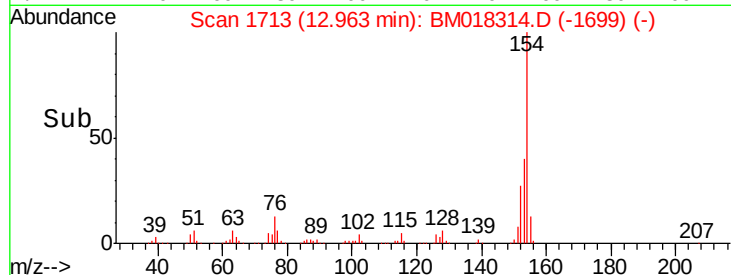
76 13.5 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#47

2-Chloronaphthalene

Concen: 31.750 ng

RT: 13.00 min Scan# 1720

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

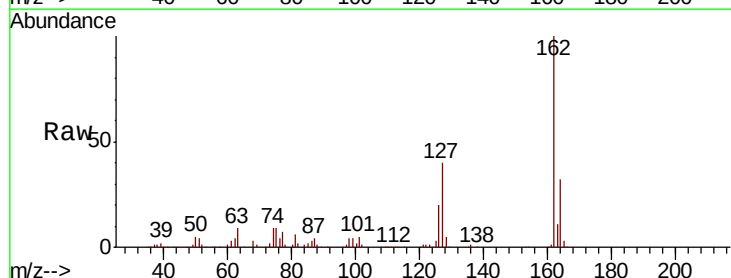
Tgt Ion:162 Resp: 447737

Ion Ratio Lower Upper

162 100

127 40.4 31.8 47.8

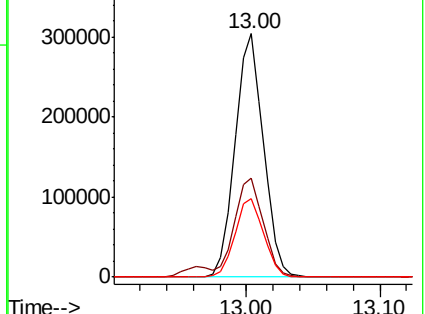
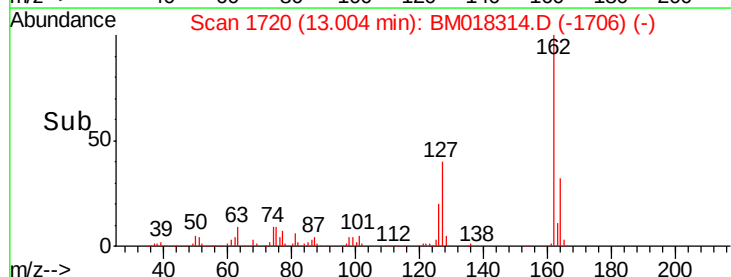
164 32.2 25.9 38.9

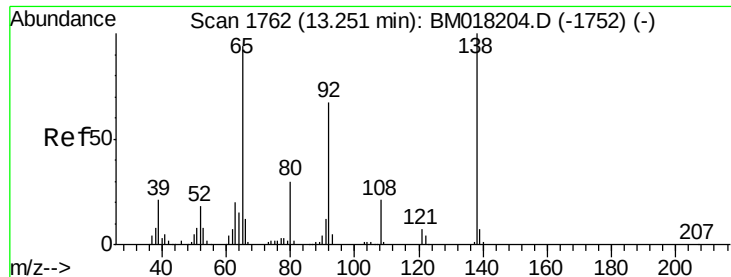


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

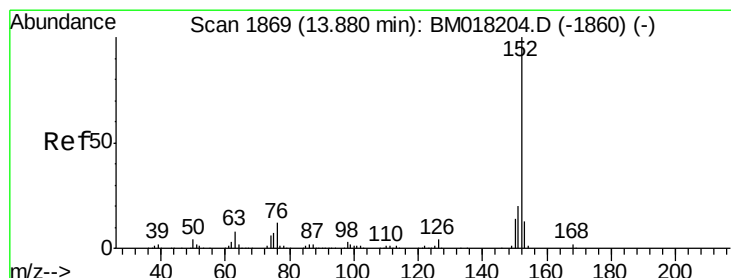
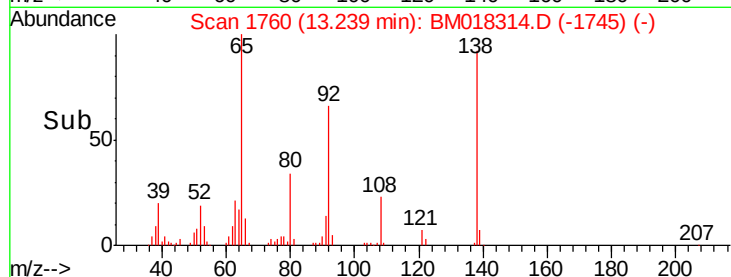
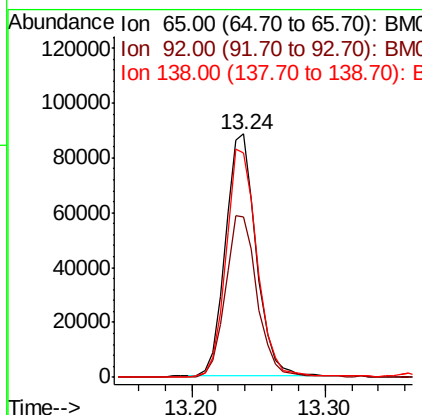
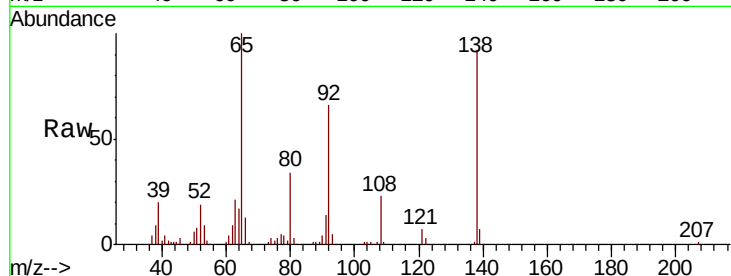




#48
2-Nitroaniline
Concen: 32.782 ng
RT: 13.24 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

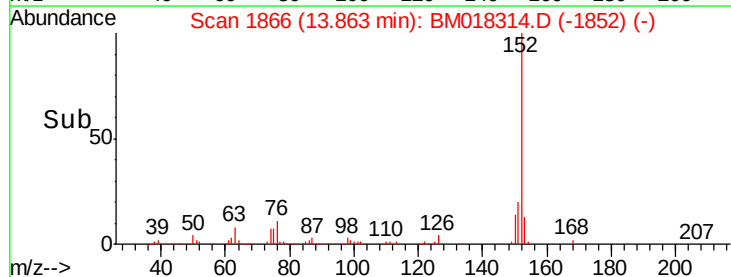
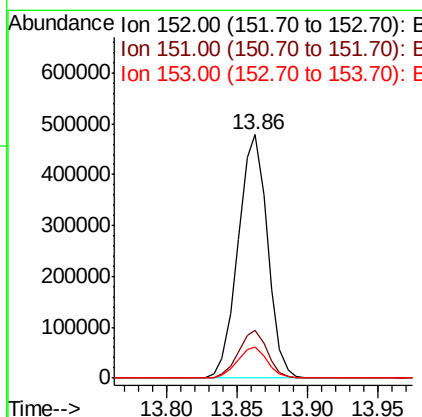
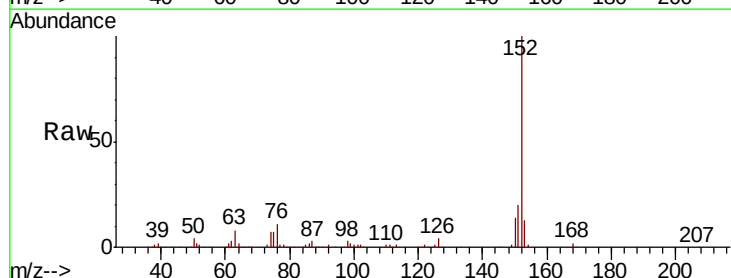
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MS

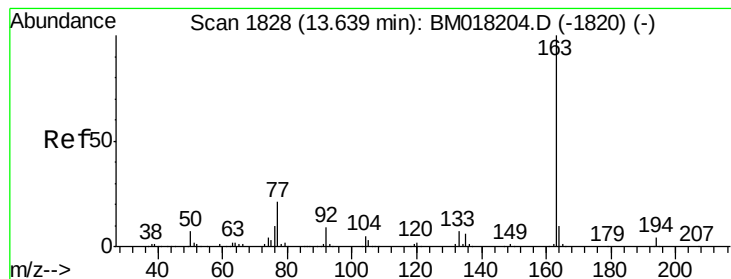
Tgt Ion: 65 Resp: 142407
Ion Ratio Lower Upper
65 100
92 65.7 56.8 85.2
138 92.2 85.1 127.7



#49
Acenaphthylene
Concen: 32.860 ng
RT: 13.86 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

Tgt Ion: 152 Resp: 698322
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 12.9 10.2 15.2





#50

Dimethylphthalate

Concen: 35.231 ng

RT: 13.62 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

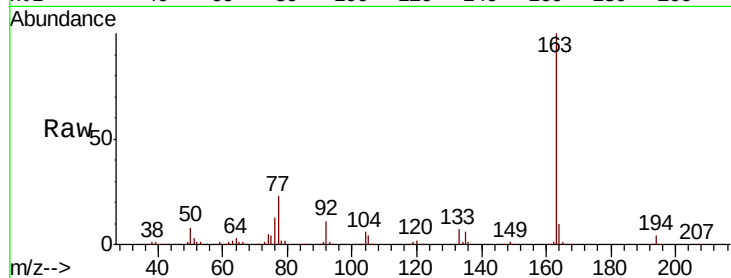
Tgt Ion:163 Resp: 623802

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

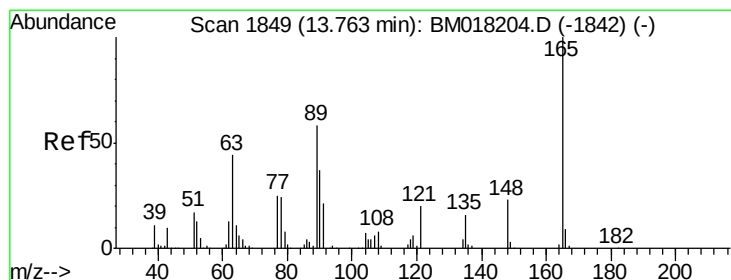
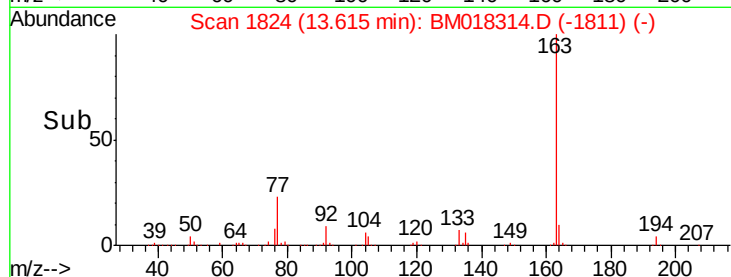
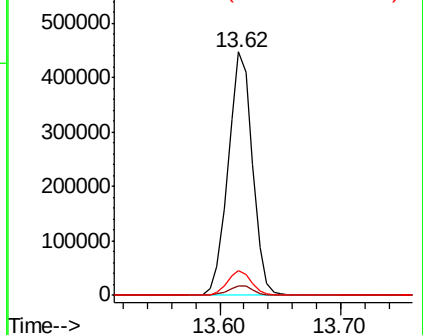
164 10.4 7.9 11.9



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: 30.158 ng

RT: 13.74 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

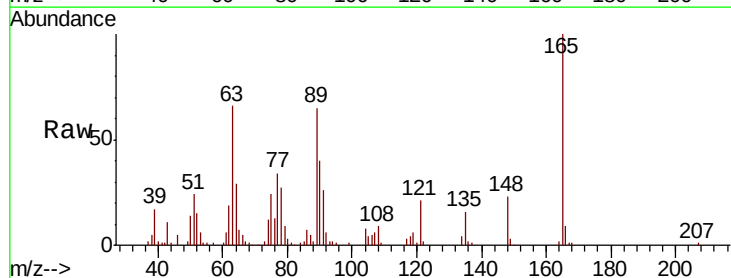
Tgt Ion:165 Resp: 117384

Ion Ratio Lower Upper

165 100

63 66.2 46.6 69.8

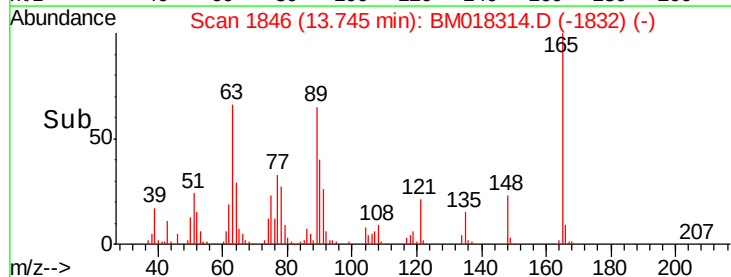
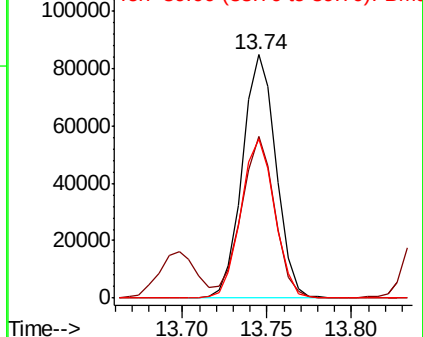
89 65.2 46.3 69.5

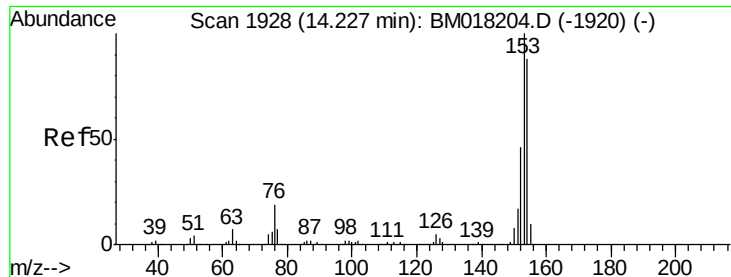


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#52

Acenaphthene

Concen: 30.737 ng

RT: 14.21 min Scan# 1925

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

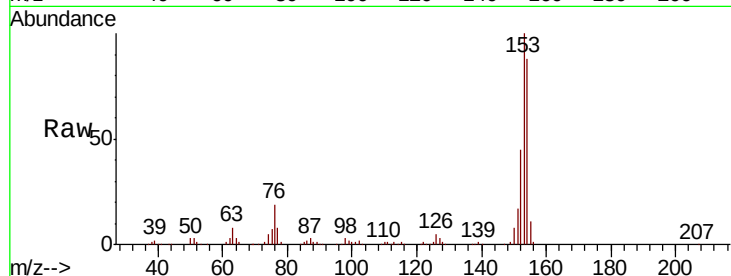
Tgt Ion:154 Resp: 399192

Ion Ratio Lower Upper

154 100

153 113.2 90.4 135.6

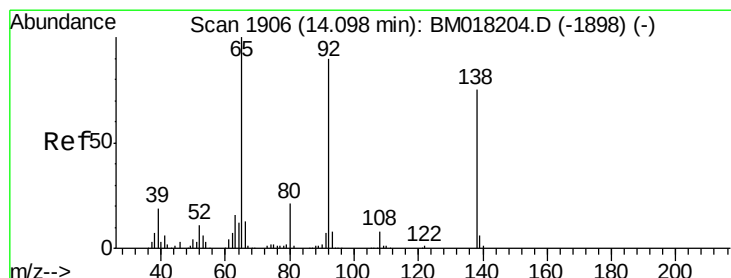
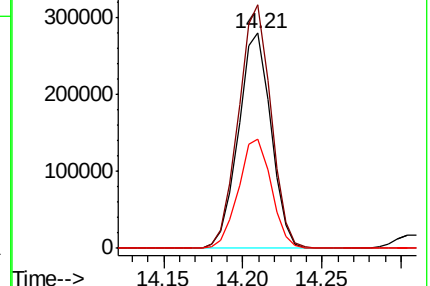
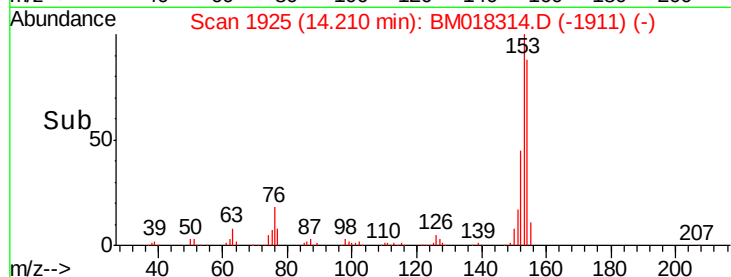
152 51.0 41.2 61.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 20.109 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

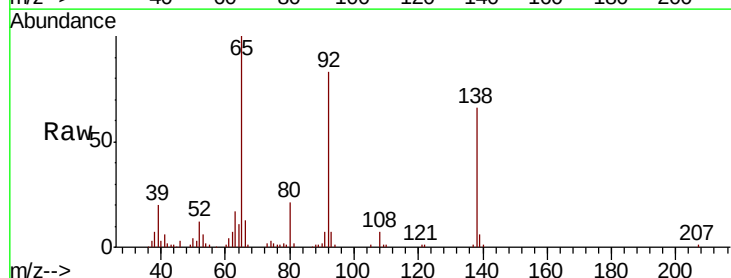
Tgt Ion:138 Resp: 82367

Ion Ratio Lower Upper

138 100

108 10.3 8.4 12.6

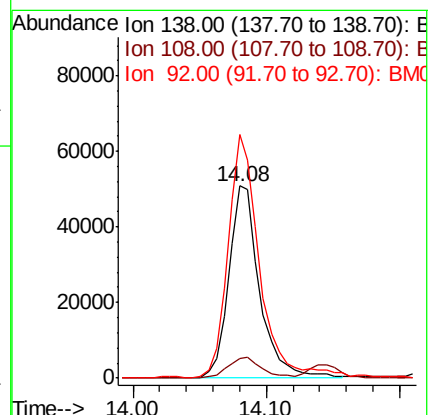
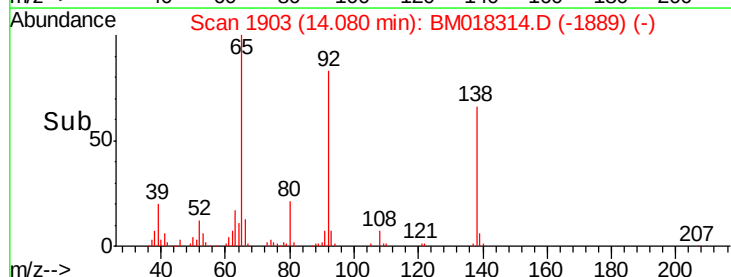
92 126.6 94.9 142.3

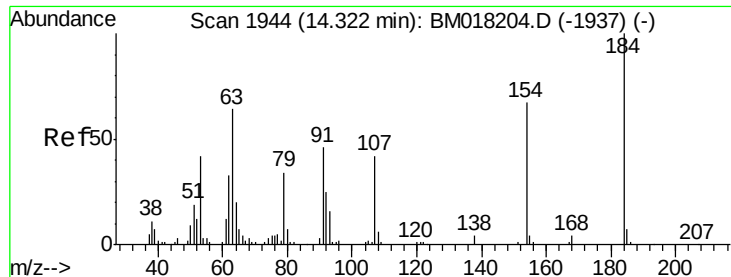


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

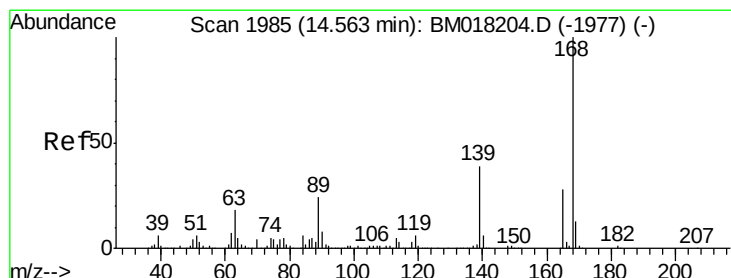
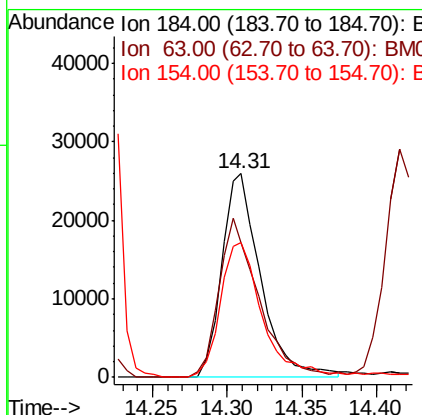
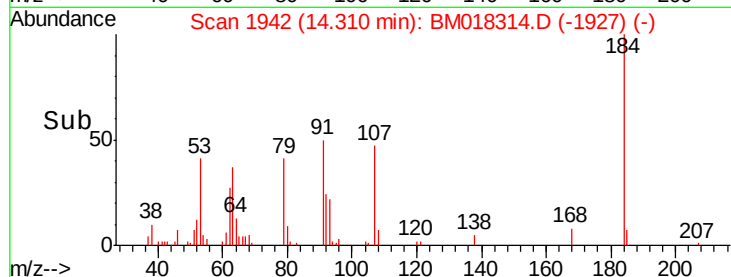
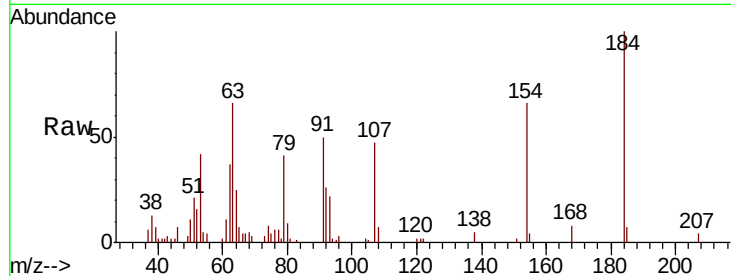




#54
 2,4-Dinitrophenol
 Concen: 21.882 ng
 RT: 14.31 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

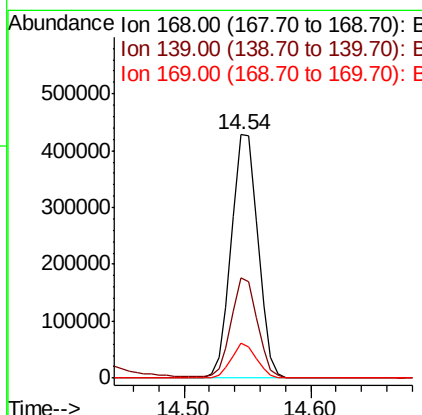
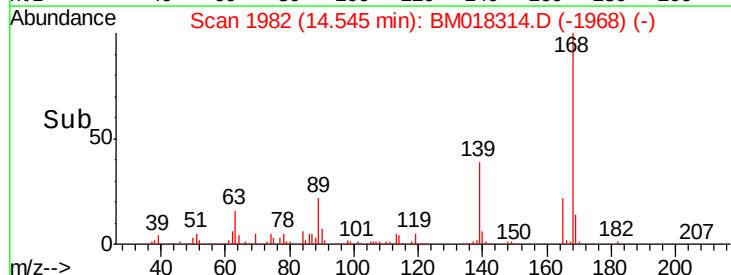
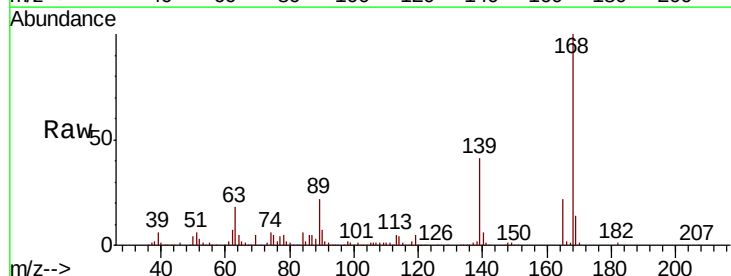
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MS

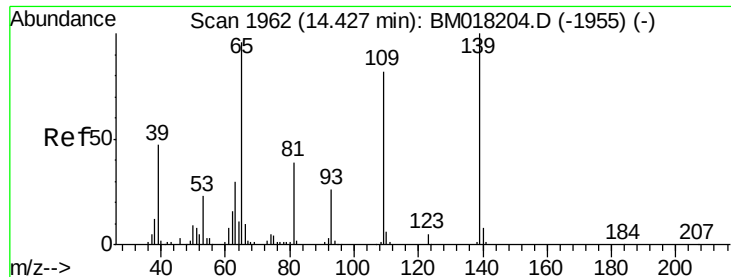
Tgt Ion:184 Resp: 46984
 Ion Ratio Lower Upper
 184 100
 63 66.4 51.6 77.4
 154 66.3 54.0 81.0



#55
 Dibenzofuran
 Concen: 29.852 ng
 RT: 14.54 min Scan# 1982
 Delta R.T. -0.02 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

Tgt Ion:168 Resp: 622973
 Ion Ratio Lower Upper
 168 100
 139 41.2 31.2 46.8
 169 14.3 10.4 15.6

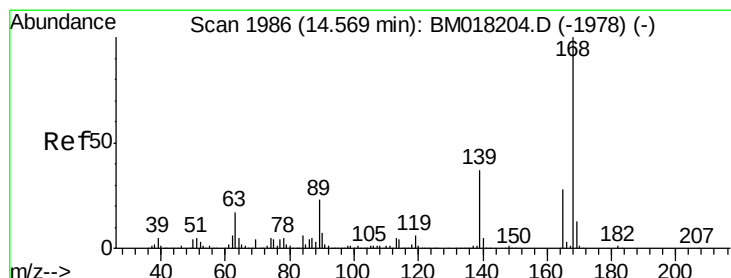
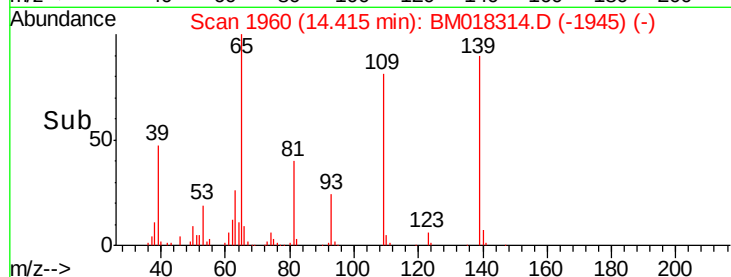
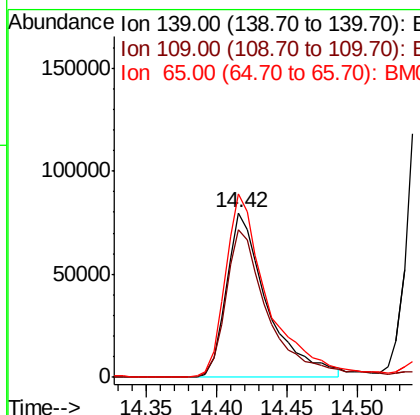
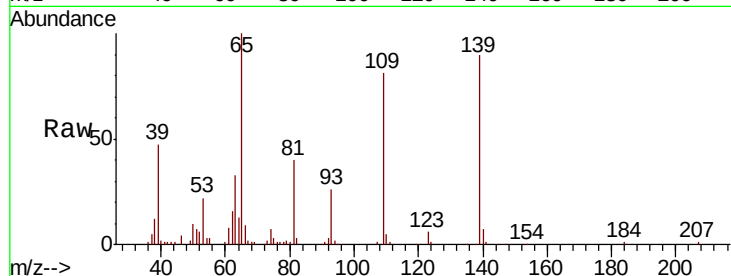




#56
4-Nitrophenol
Concen: 52.013 ng
RT: 14.42 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

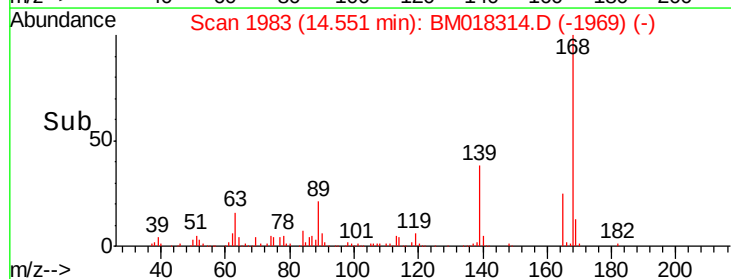
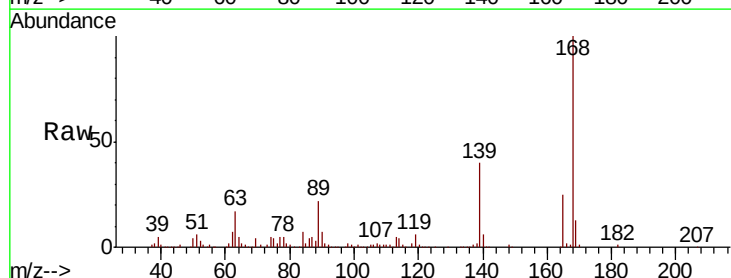
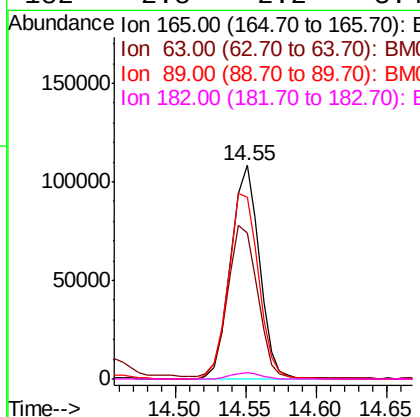
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MS

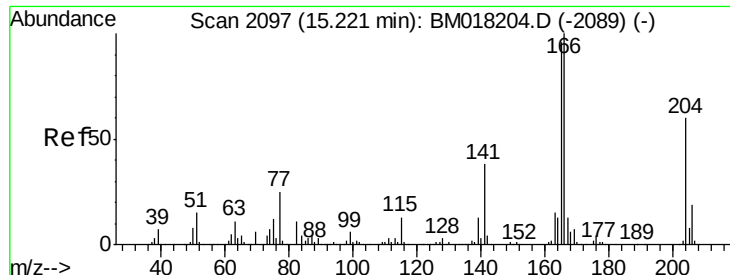
Tgt Ion:139 Resp: 161533
Ion Ratio Lower Upper
139 100
109 90.0 62.3 102.3
65 111.5 76.4 116.4



#57
2,4-Dinitrotoluene
Concen: 28.608 ng
RT: 14.55 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

Tgt Ion:165 Resp: 153914
Ion Ratio Lower Upper
165 100
63 68.3 47.2 70.8
89 85.3 65.8 98.8
182 2.8 2.2 3.4





#58

Fluorene

Concen: 30.205 ng

RT: 15.20 min Scan# 2094

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

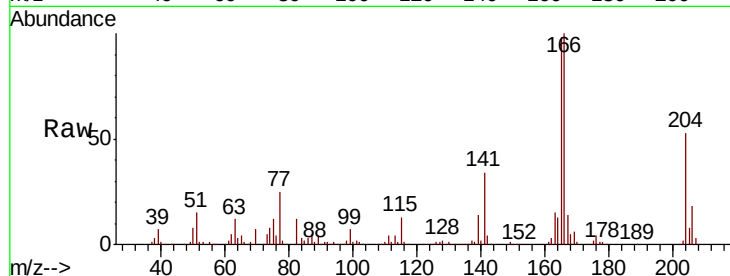
Tgt Ion:166 Resp: 486833

Ion Ratio Lower Upper

166 100

165 98.4 76.9 115.3

167 13.7 10.5 15.7

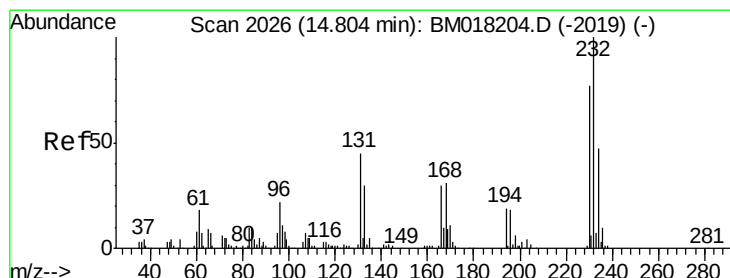
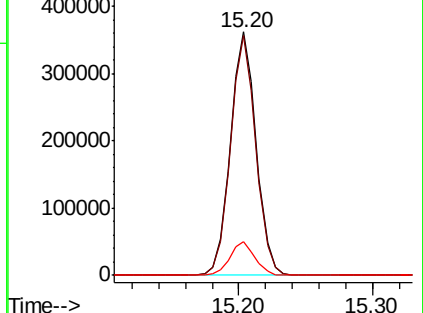
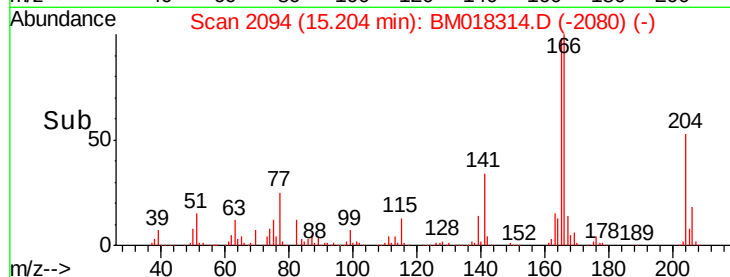


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 30.420 ng

RT: 14.79 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Tgt Ion:232 Resp: 137001

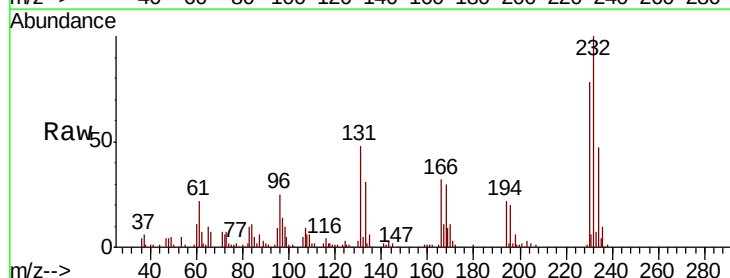
Ion Ratio Lower Upper

232 100

131 46.9 36.2 54.2

130 2.8 1.8 2.6#

166 32.5 24.8 37.2



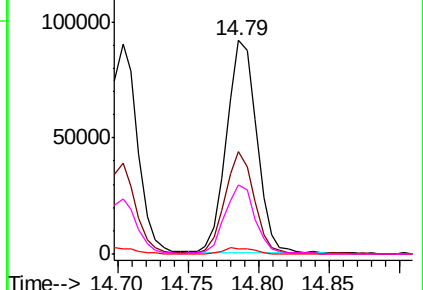
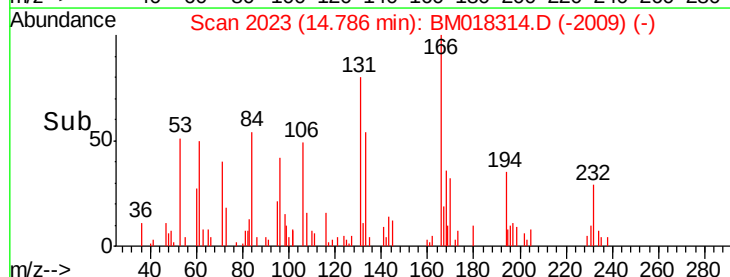
Abundance

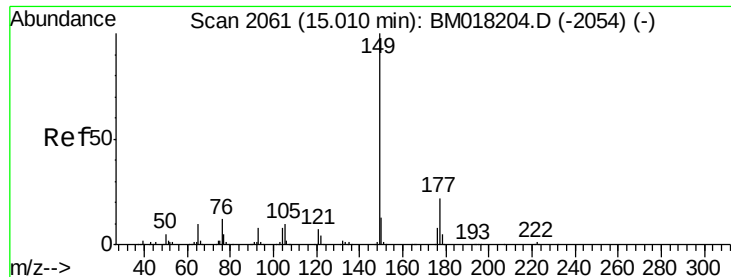
Ion 232.00 (231.70 to 232.70): E

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: 27.887 ng

RT: 14.99 min Scan# 2058

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

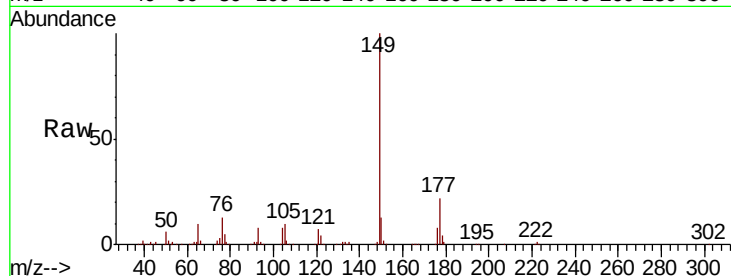
Tgt Ion:149 Resp: 532852

Ion Ratio Lower Upper

149 100

177 21.8 17.8 26.8

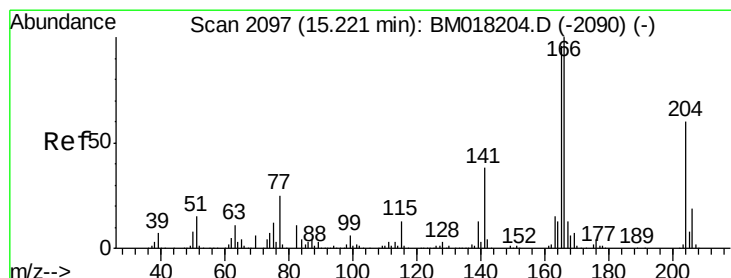
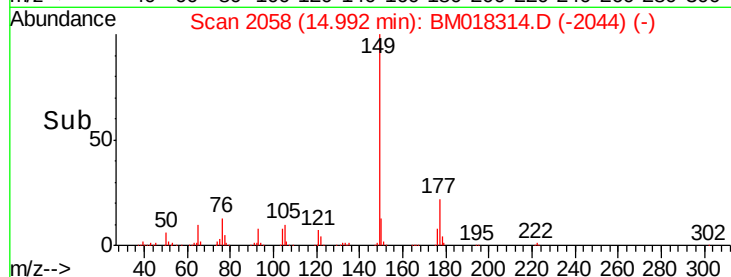
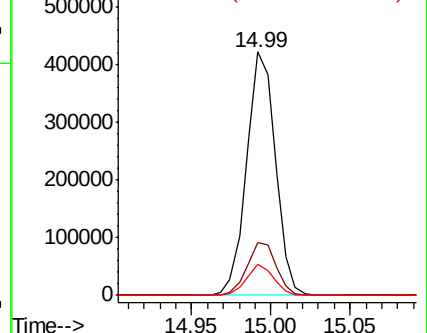
150 12.6 10.3 15.5



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: 27.649 ng

RT: 15.20 min Scan# 2094

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

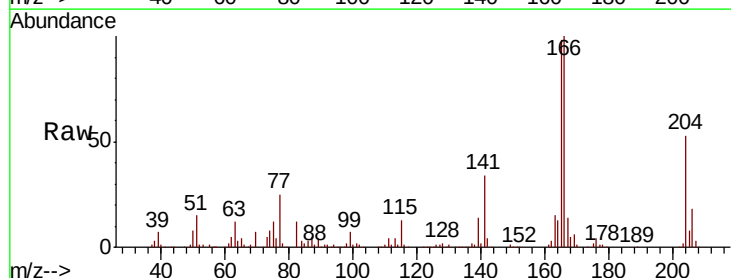
Tgt Ion:204 Resp: 252033

Ion Ratio Lower Upper

204 100

206 33.6 25.8 38.6

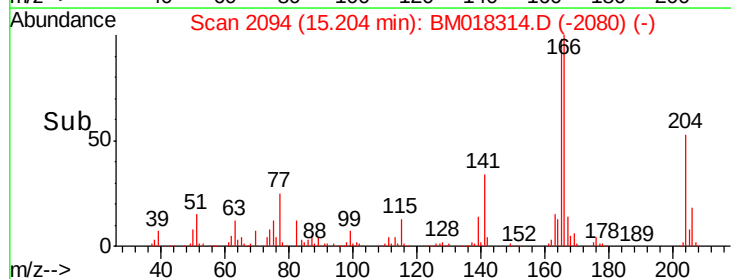
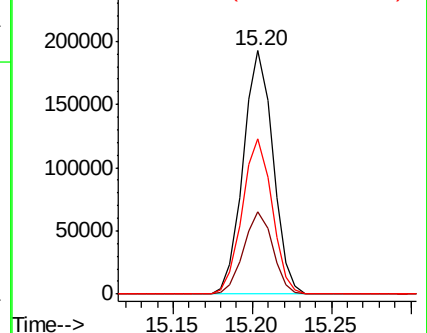
141 63.9 50.2 75.4

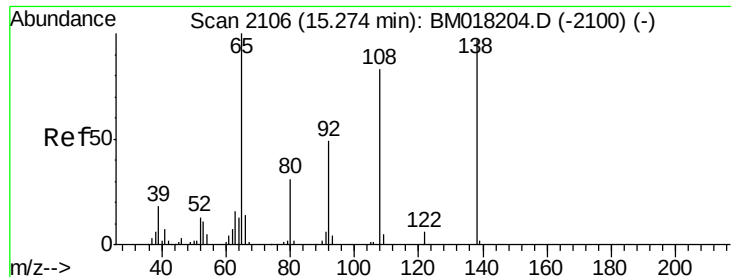


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

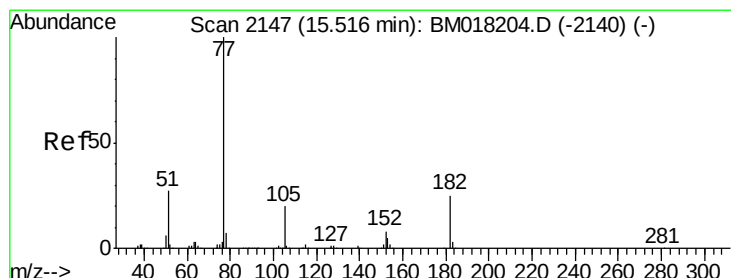
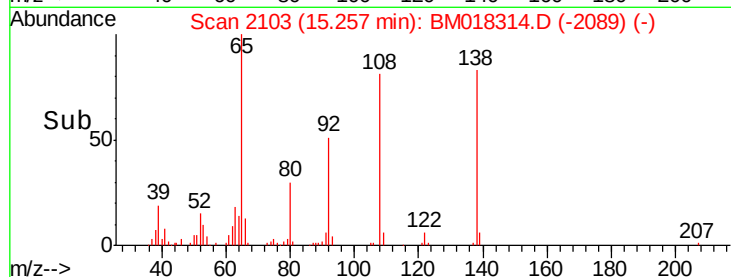
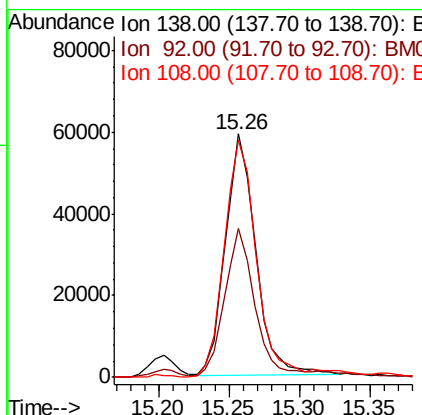
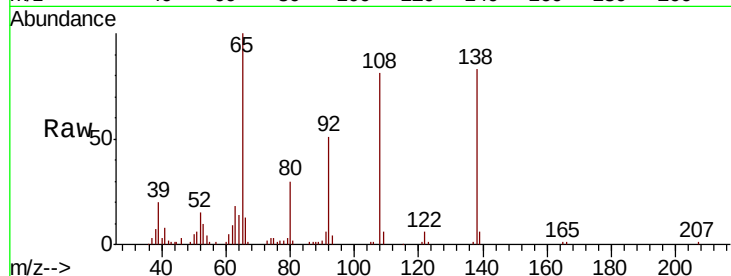




#62
 4-Nitroaniline
 Concen: 23.059 ng
 RT: 15.26 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

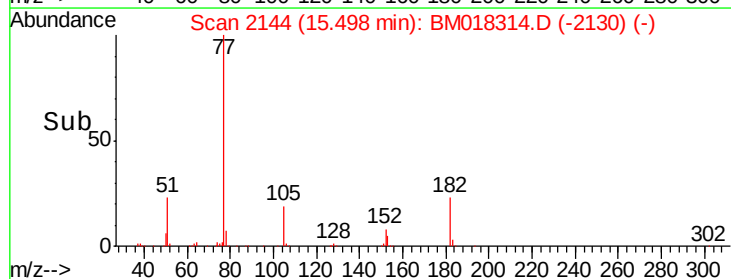
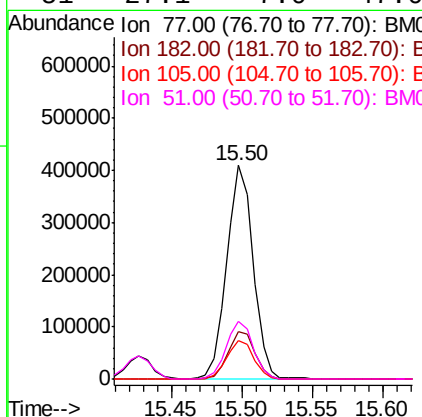
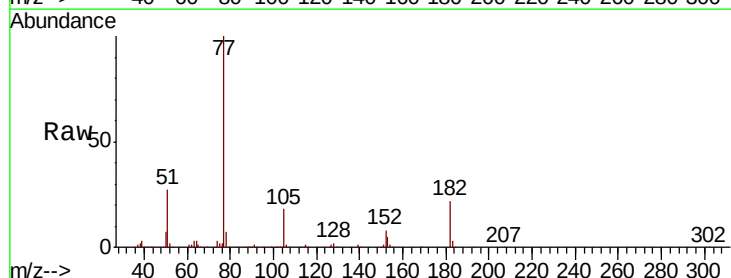
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MS

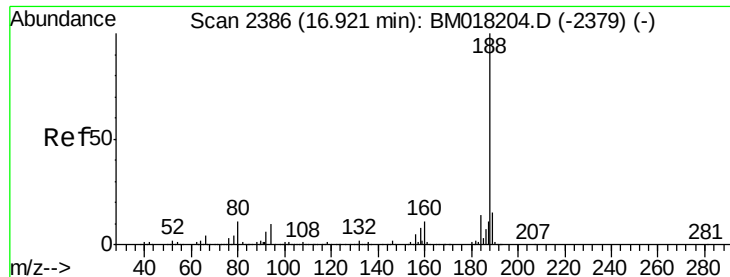
Tgt Ion: 138 Resp: 89621
 Ion Ratio Lower Upper
 138 100
 92 61.4 31.1 71.1
 108 97.7 65.0 105.0



#63
 Azobenzene
 Concen: 30.522 ng
 RT: 15.50 min Scan# 2144
 Delta R.T. -0.02 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

Tgt Ion: 77 Resp: 531774
 Ion Ratio Lower Upper
 77 100
 182 22.2 4.6 44.6
 105 18.0 0.2 40.2
 51 27.1 7.0 47.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.90 min Scan# 2383

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

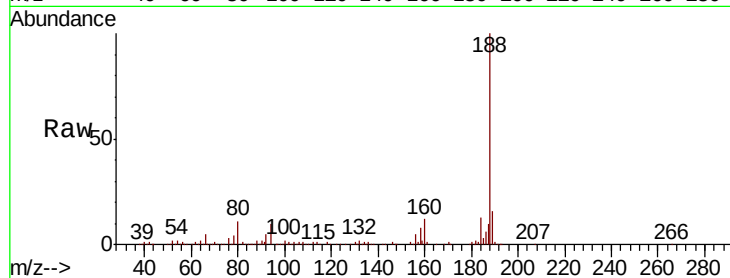
Tgt Ion:188 Resp: 399641

Ion Ratio Lower Upper

188 100

94 10.1 8.0 12.0

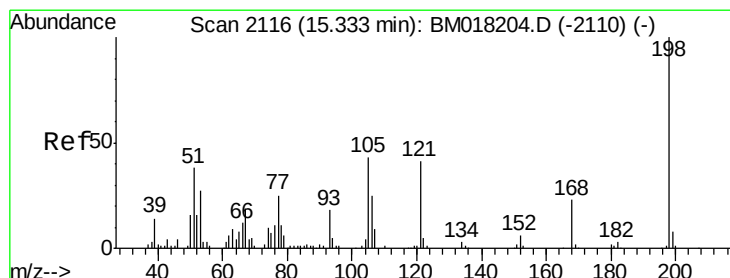
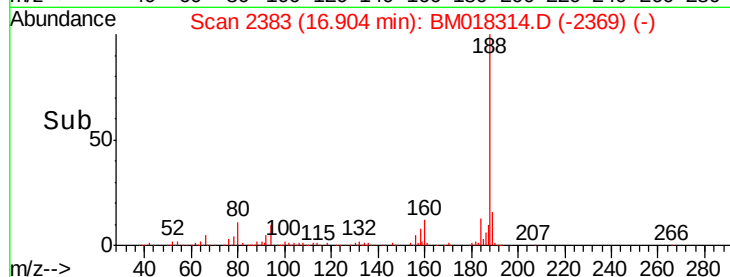
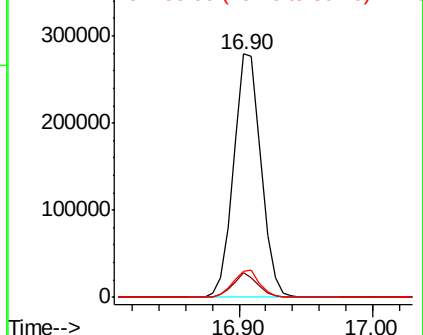
80 10.7 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#65

4,6-Dinitro-2-methylphenol

Concen: 16.285 ng

RT: 15.32 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

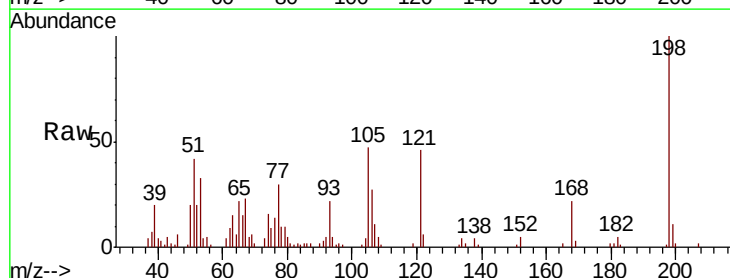
Tgt Ion:198 Resp: 47910

Ion Ratio Lower Upper

198 100

51 42.4 18.6 58.6

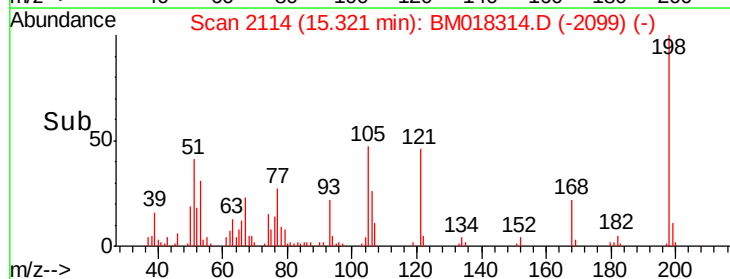
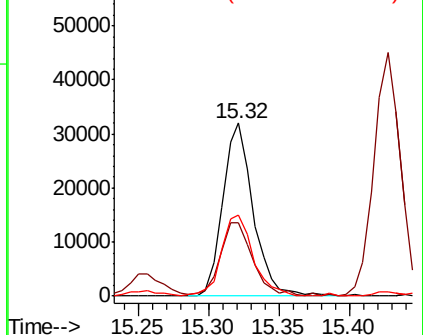
105 46.6 22.9 62.9

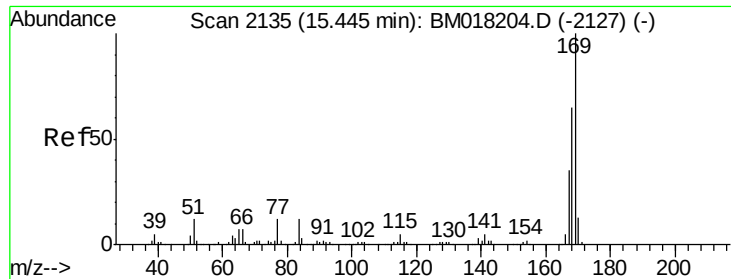


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

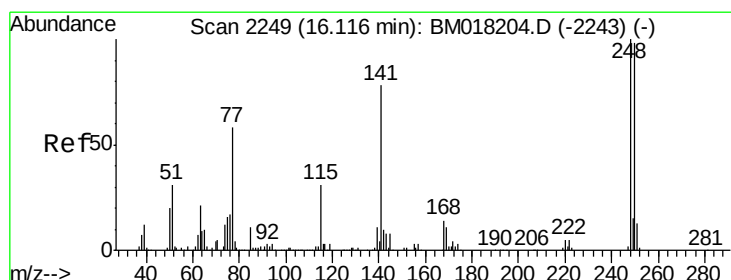
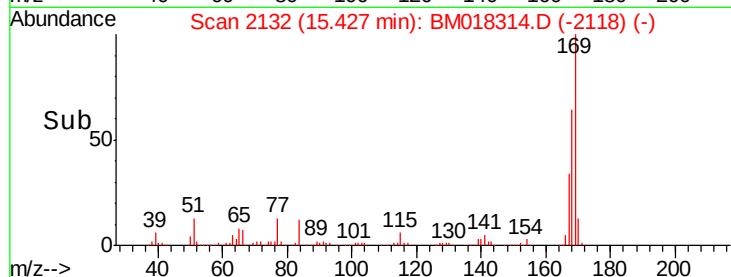
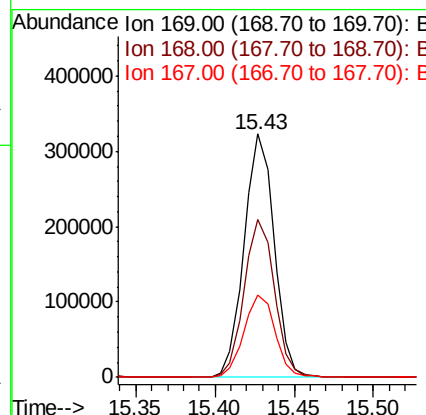
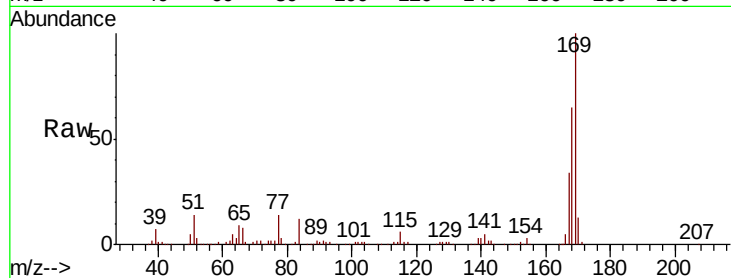




#66
 n-Nitrosodiphenylamine
 Concen: 32.165 ng
 RT: 15.43 min Scan# 2132
 Delta R.T. -0.02 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

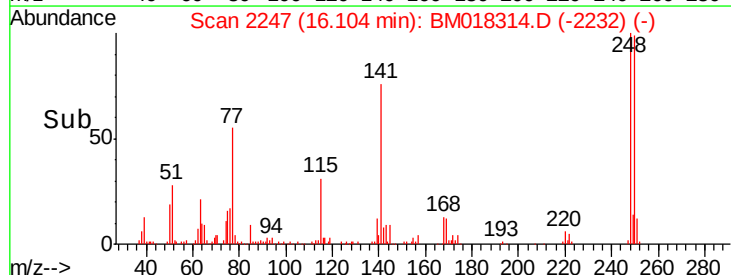
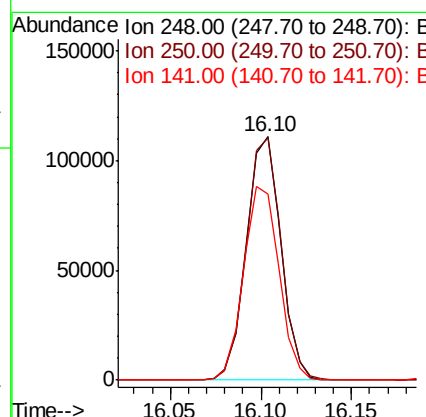
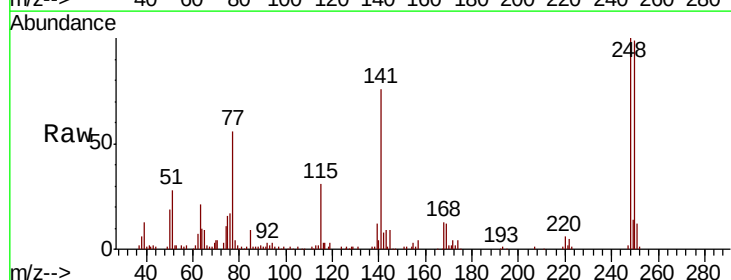
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MS

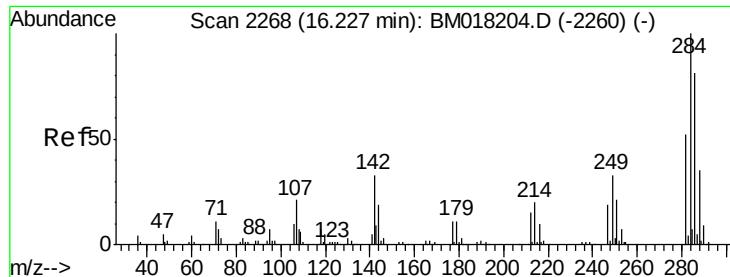
Tgt Ion:169 Resp: 425075
 Ion Ratio Lower Upper
 169 100
 168 64.7 52.2 78.4
 167 34.0 27.6 41.4



#67
 4-Bromophenyl-phenylether
 Concen: 30.487 ng
 RT: 16.10 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

Tgt Ion:248 Resp: 147556
 Ion Ratio Lower Upper
 248 100
 250 99.4 78.7 118.1
 141 76.3 62.2 93.4





#68

Hexachlorobenzene

Concen: 30.334 ng

RT: 16.21 min Scan# 2265

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

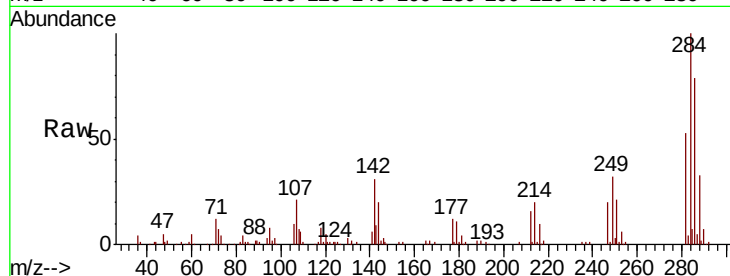
Tgt Ion:284 Resp: 160842

Ion Ratio Lower Upper

284 100

142 31.2 26.2 39.4

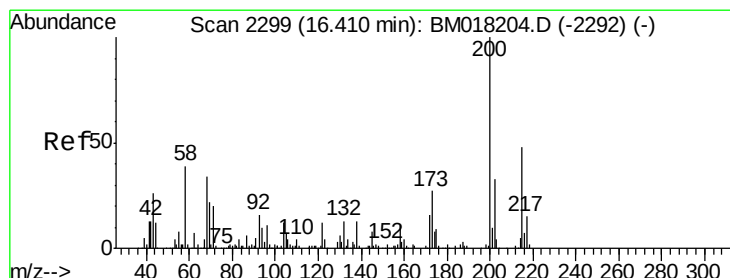
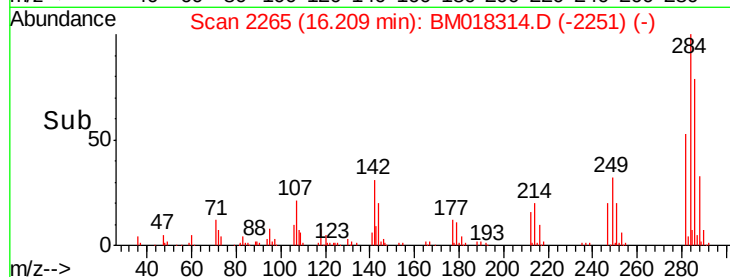
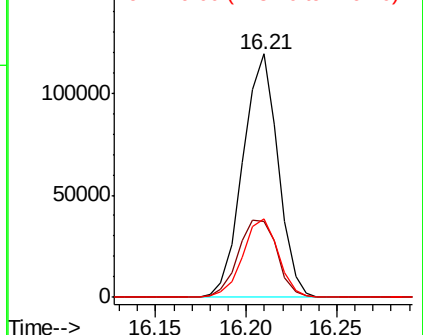
249 32.1 26.2 39.2



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: 32.449 ng

RT: 16.40 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

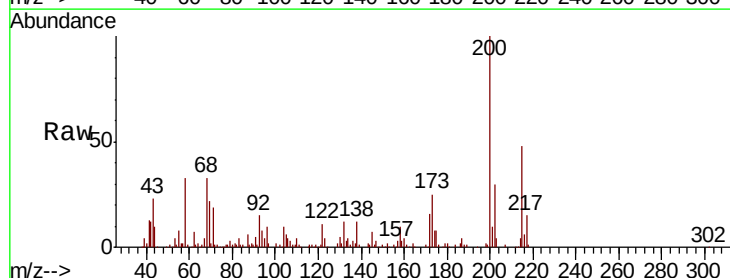
Tgt Ion:200 Resp: 144772

Ion Ratio Lower Upper

200 100

173 24.9 6.9 46.9

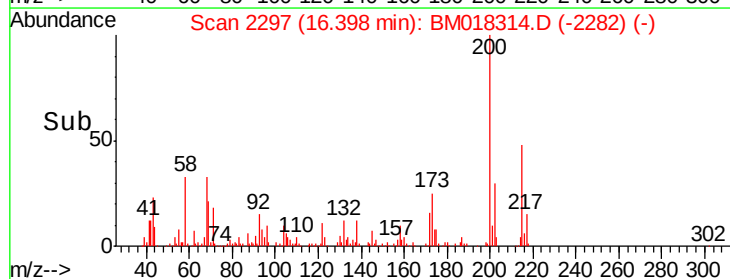
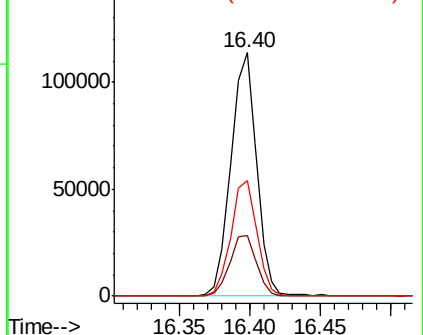
215 47.6 27.9 67.9

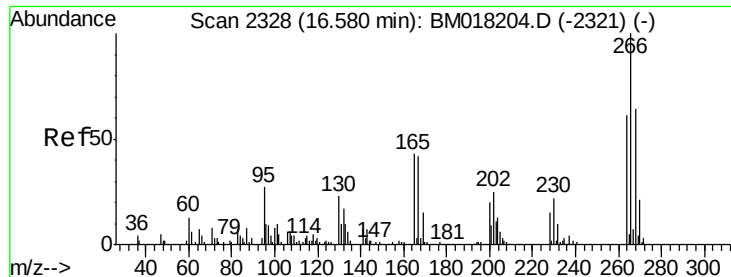


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

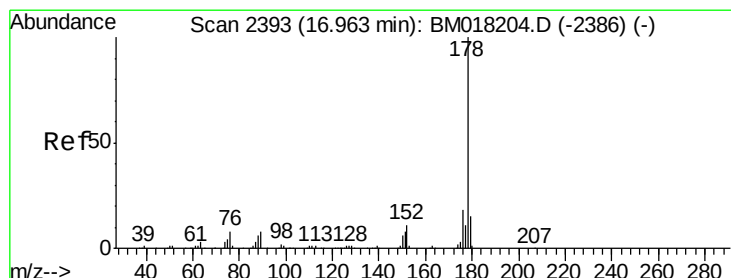
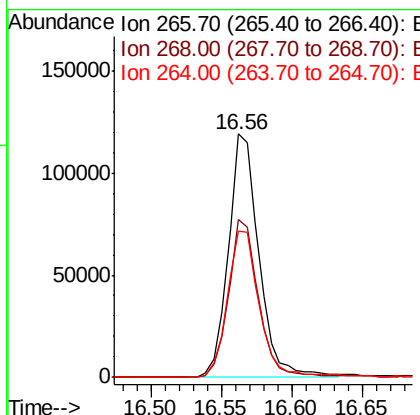
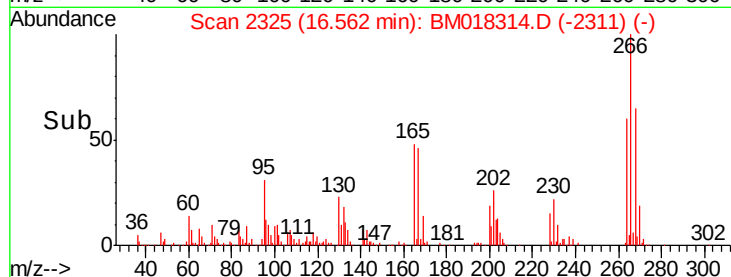
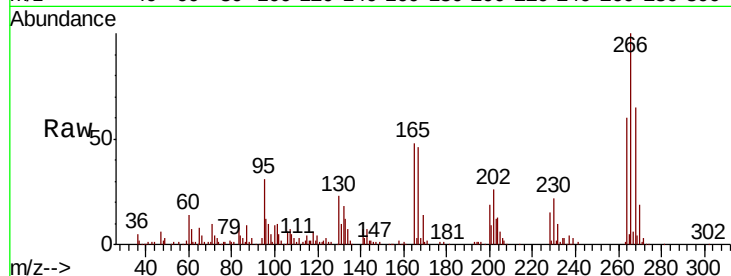




#70
 Pentachlorophenol
 Concen: 51.317 ng
 RT: 16.56 min Scan# 2325
 Delta R.T. -0.02 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

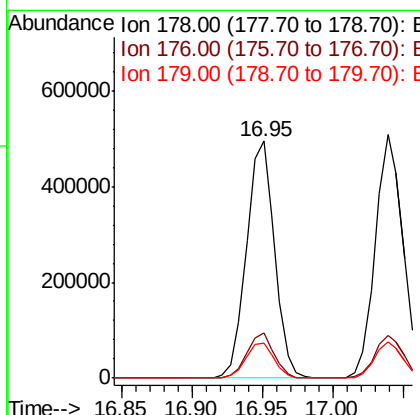
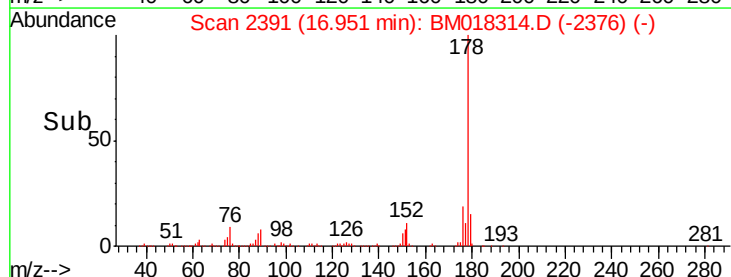
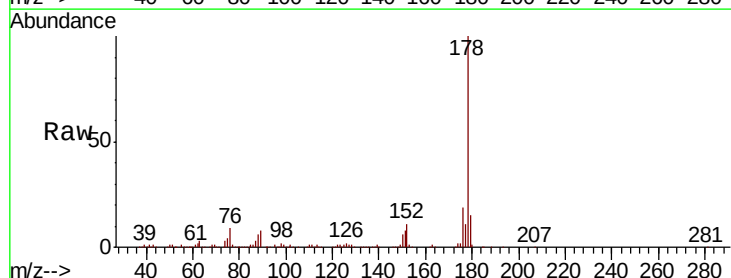
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MS

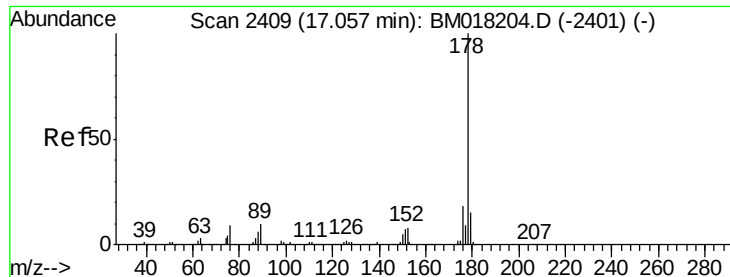
Tgt Ion: 266 Resp: 179704
 Ion Ratio Lower Upper
 266 100
 268 64.9 51.1 76.7
 264 60.3 49.0 73.4



#71
 Phenanthrene
 Concen: 31.715 ng
 RT: 16.95 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

Tgt Ion: 178 Resp: 688457
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.7 22.1
 179 15.0 12.0 18.0





#72

Anthracene

Concen: 32.189 ng

RT: 17.04 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

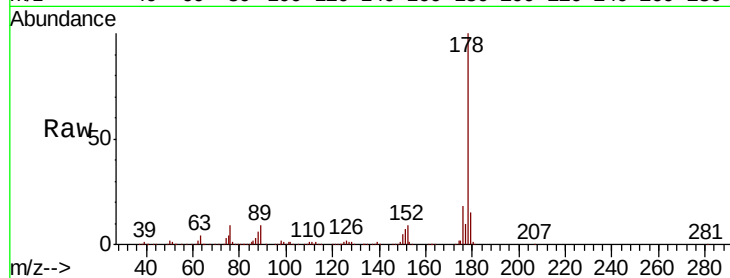
Tgt Ion:178 Resp: 693202

Ion Ratio Lower Upper

178 100

176 17.7 14.3 21.5

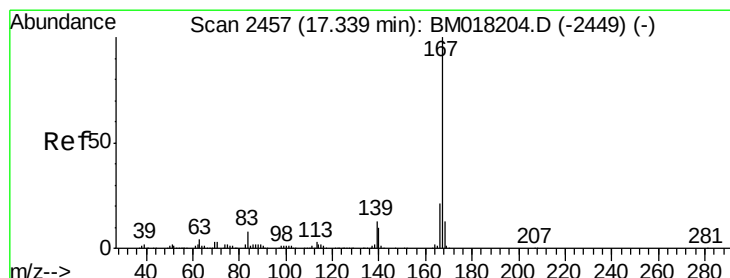
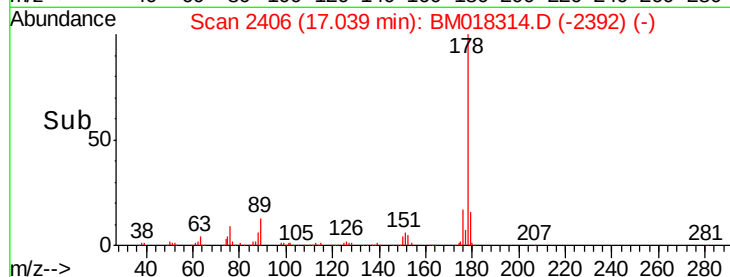
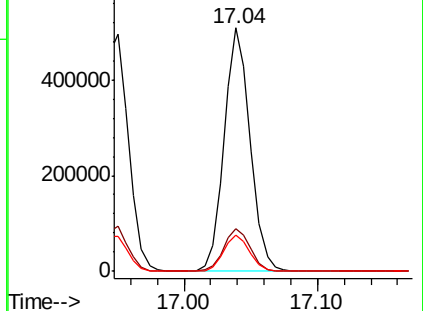
179 14.9 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 28.344 ng

RT: 17.33 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

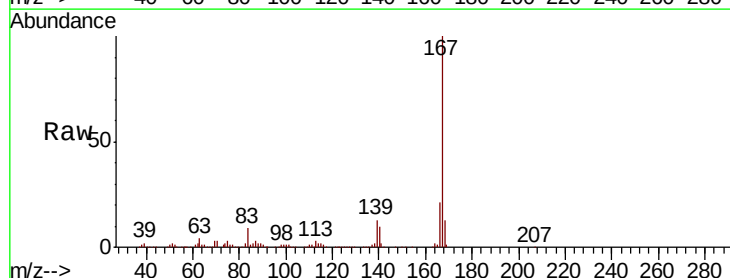
Tgt Ion:167 Resp: 626518

Ion Ratio Lower Upper

167 100

166 20.6 16.8 25.2

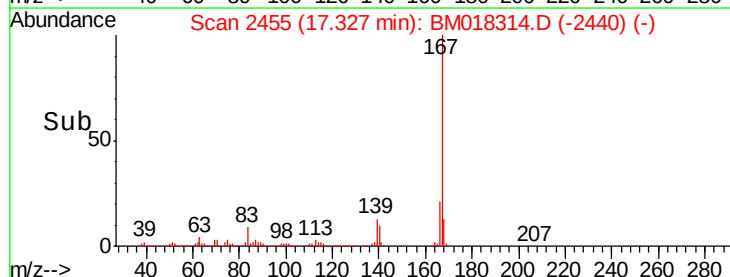
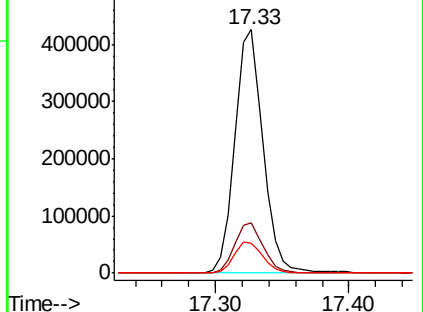
139 12.5 10.3 15.5

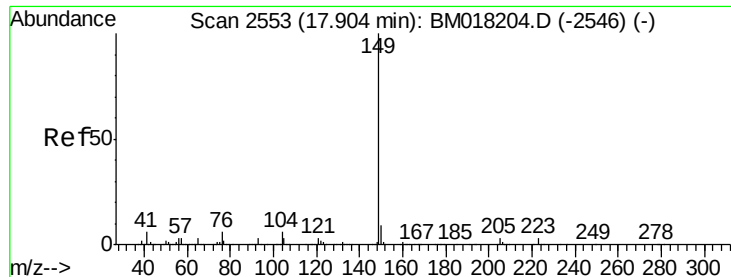


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 28.651 ng

RT: 17.89 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

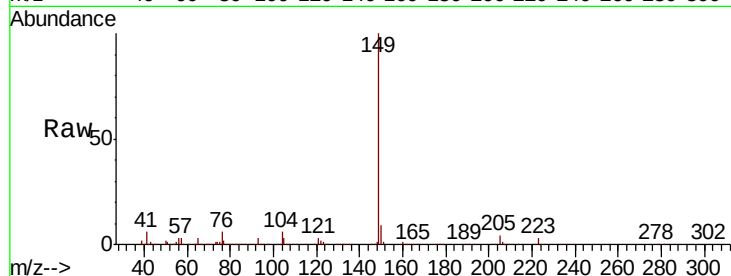
Tgt Ion:149 Resp: 781407

Ion Ratio Lower Upper

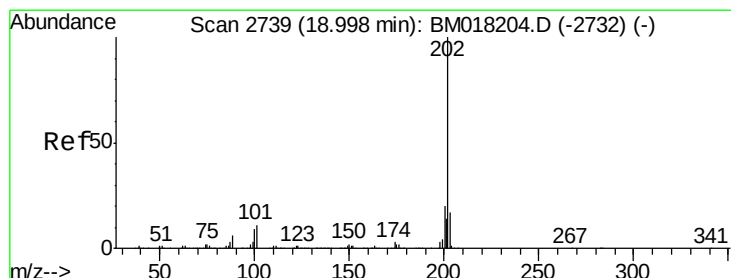
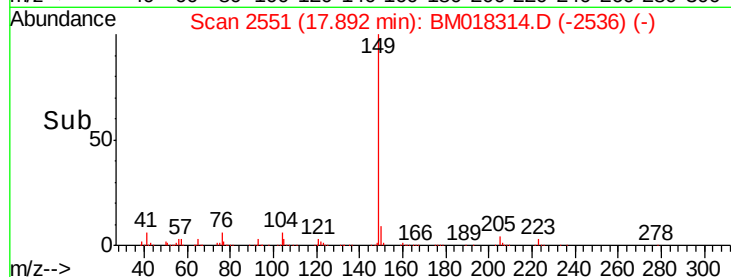
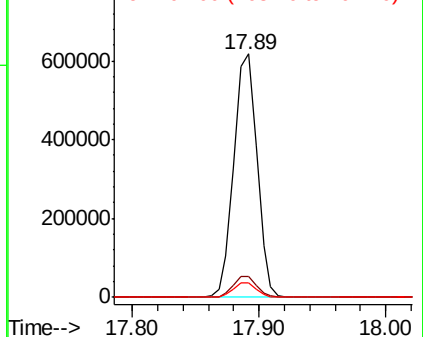
149 100

150 8.8 7.3 10.9

104 6.0 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: 31.569 ng

RT: 18.98 min Scan# 2736

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

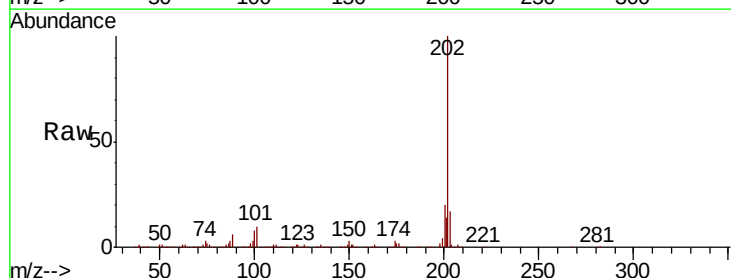
Tgt Ion:202 Resp: 796753

Ion Ratio Lower Upper

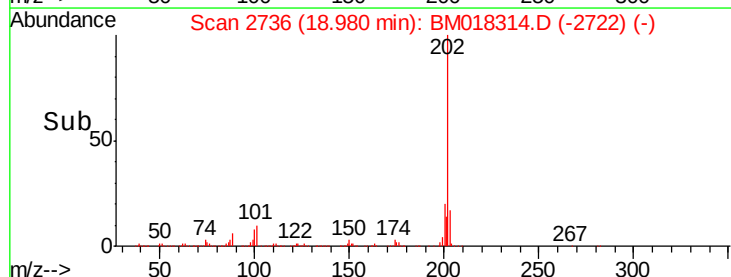
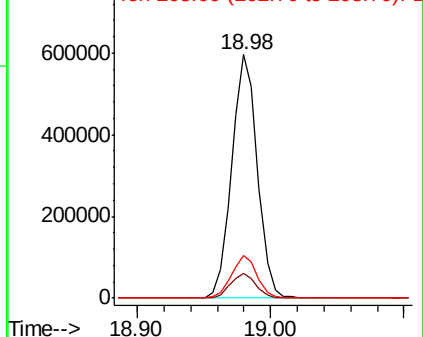
202 100

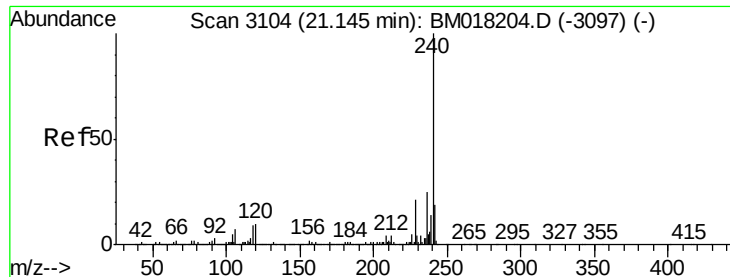
101 10.1 0.0 30.5

203 17.3 0.0 37.5



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

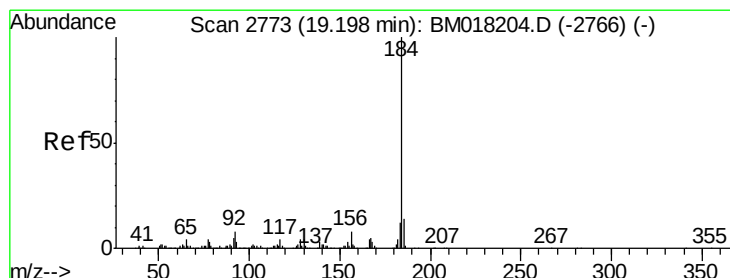
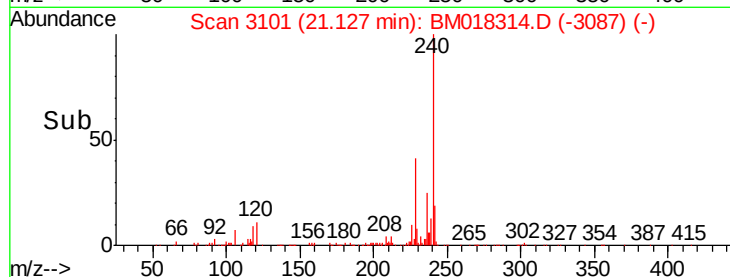
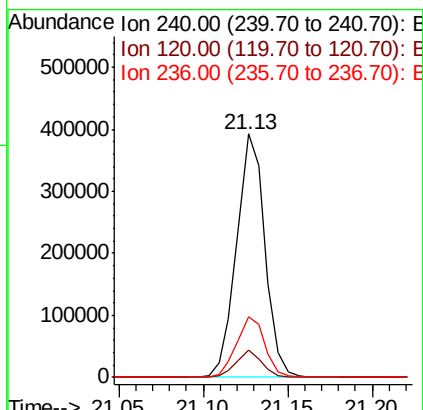
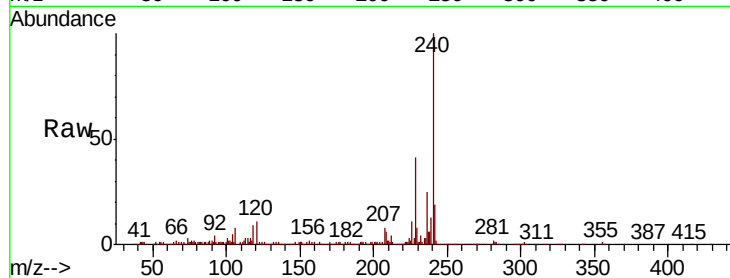




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

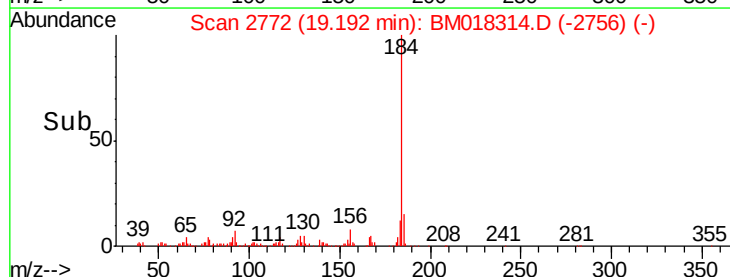
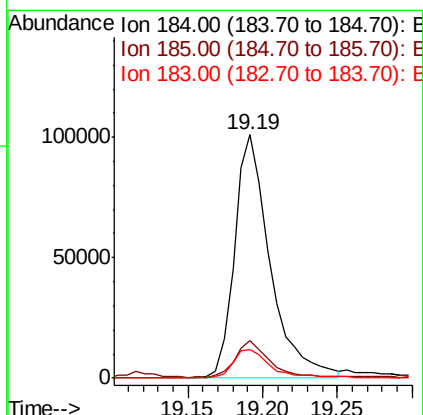
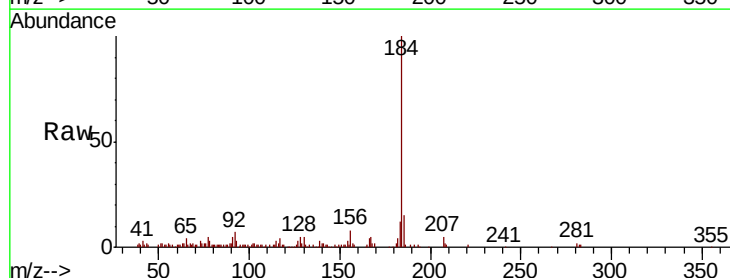
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MS

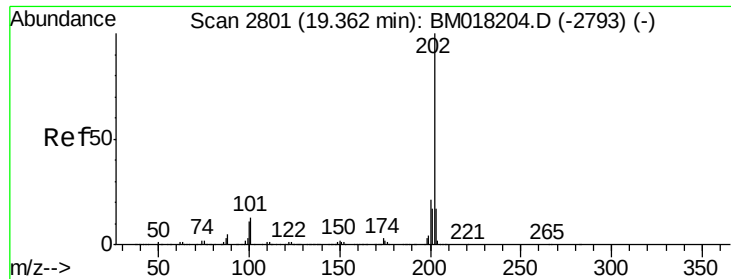
Tgt Ion:240 Resp: 460205
Ion Ratio Lower Upper
240 100
120 11.0 8.2 12.2
236 24.8 20.3 30.5



#77
Benzidine
Concen: 14.379 ng
RT: 19.19 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

Tgt Ion:184 Resp: 167799
Ion Ratio Lower Upper
184 100
185 15.5 11.4 17.2
183 11.8 9.7 14.5

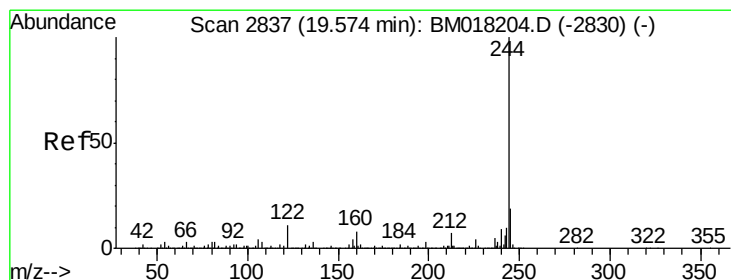
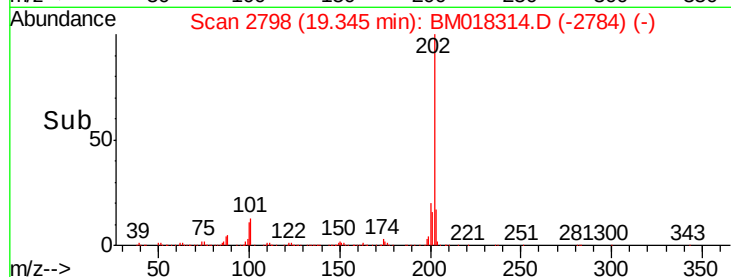
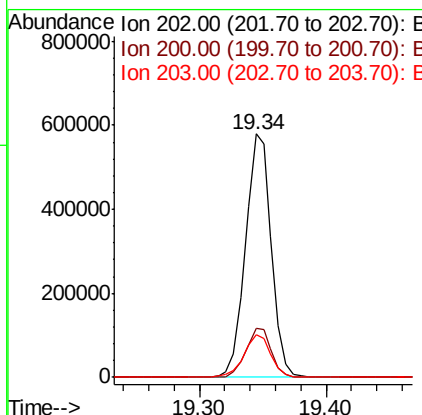
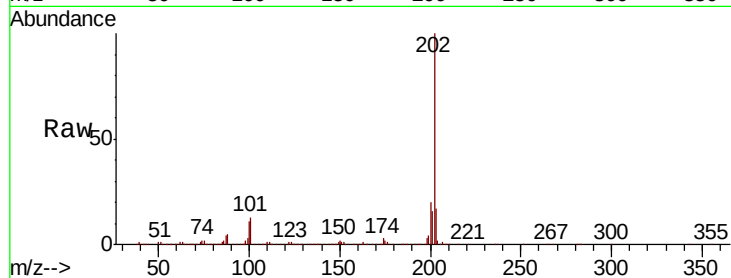




#78
 Pyrene
 Concen: 29.701 ng
 RT: 19.34 min Scan# 2798
 Delta R.T. -0.02 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

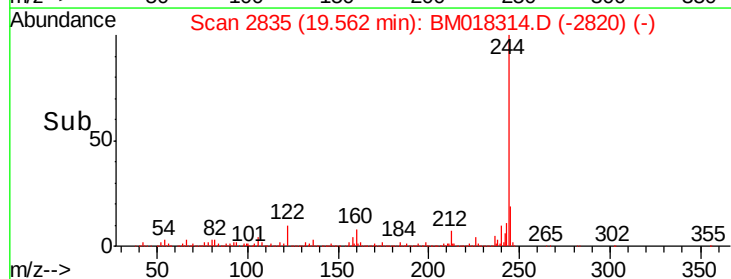
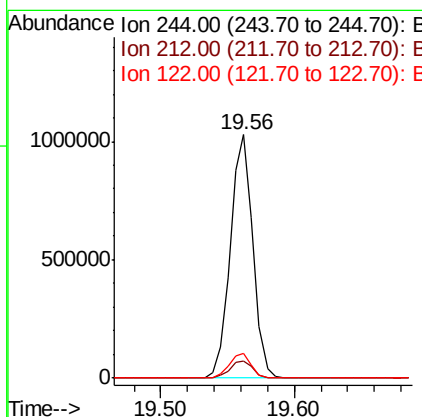
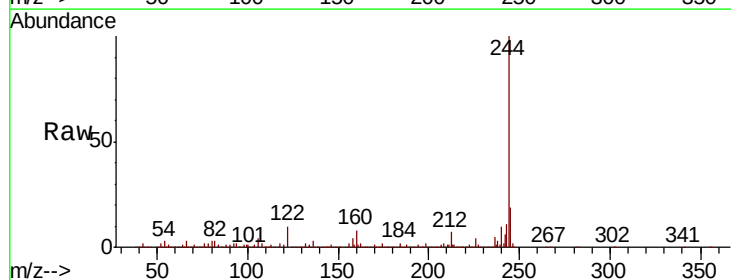
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MS

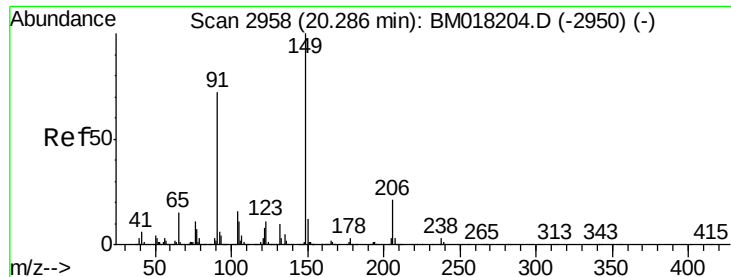
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.5	24.7
203	17.5	14.0	21.0



#79
 Terphenyl-d14
 Concen: 59.782 ng
 RT: 19.56 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BM018314.D
 Acq: 20 Dec 2018 01:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.0	9.0	13.6

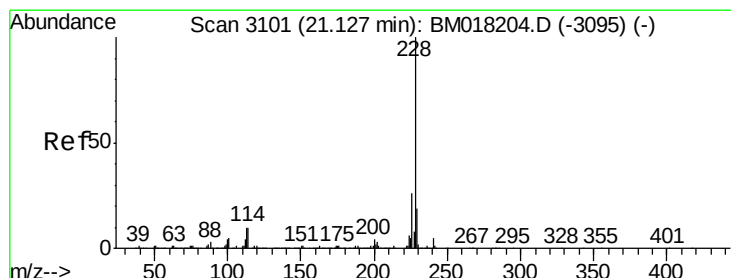
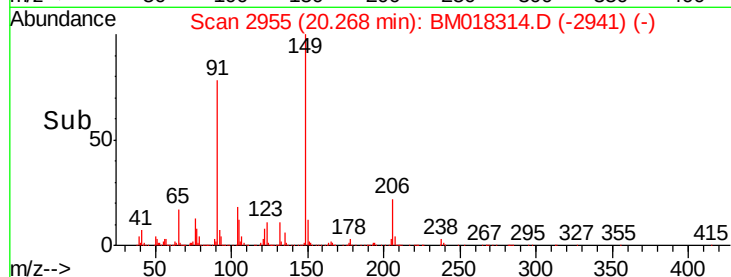
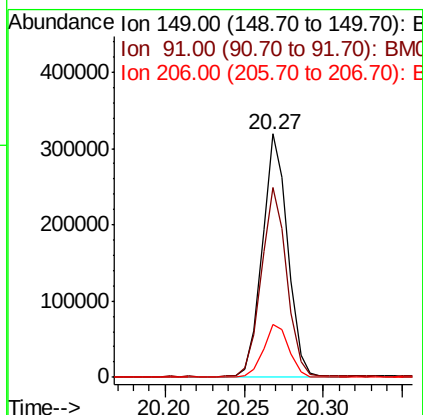
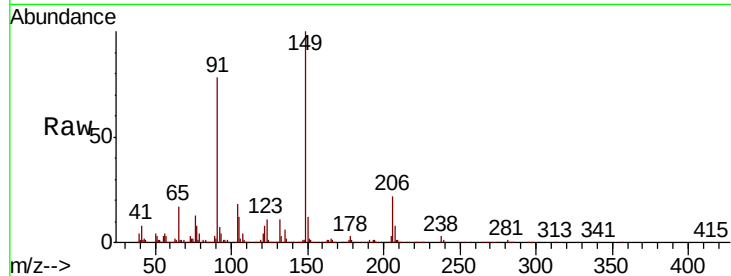




#80
Butylbenzylphthalate
Concen: 27.257 ng
RT: 20.27 min Scan# 2955
Delta R.T. -0.02 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

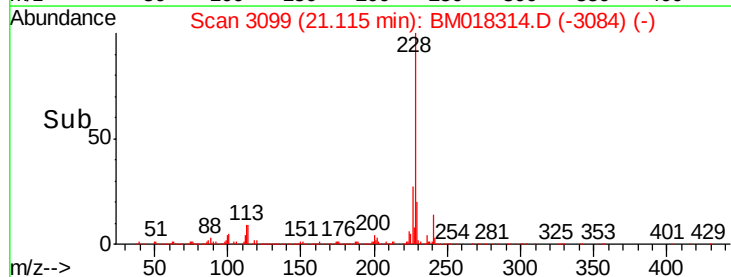
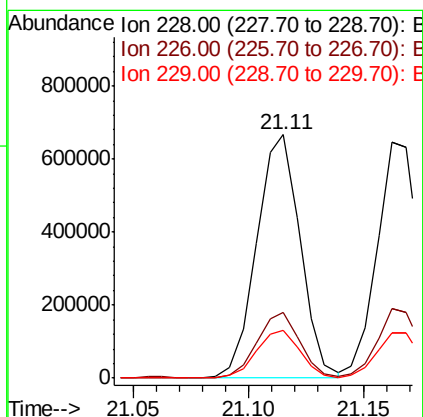
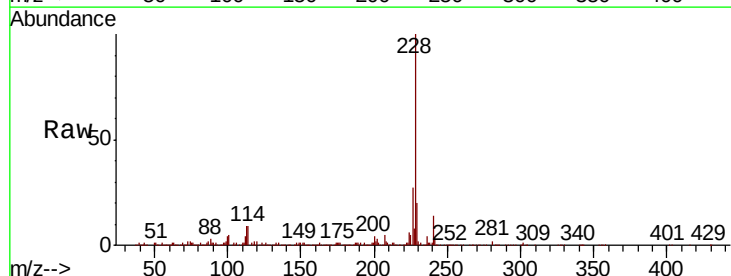
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MS

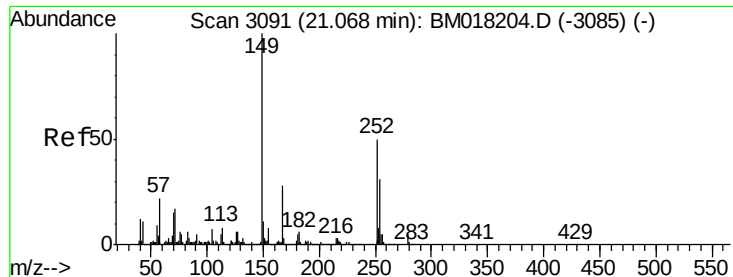
Tgt Ion:149 Resp: 355575
Ion Ratio Lower Upper
149 100
91 77.8 57.4 86.2
206 21.7 17.0 25.4



#81
Benzo(a)anthracene
Concen: 32.419 ng
RT: 21.11 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM018314.D
Acq: 20 Dec 2018 01:49

Tgt Ion:228 Resp: 871524
Ion Ratio Lower Upper
228 100
226 26.7 21.0 31.4
229 19.7 15.5 23.3





#82

3,3'-Dichlorobenzidine

Concen: 25.589 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

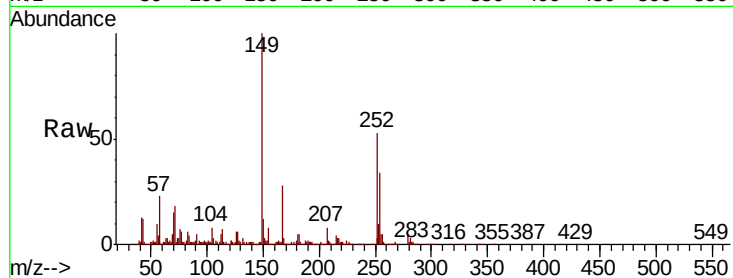
Tgt Ion:252 Resp: 274820

Ion Ratio Lower Upper

252 100

254 63.9 50.4 75.6

126 11.7 9.4 14.0

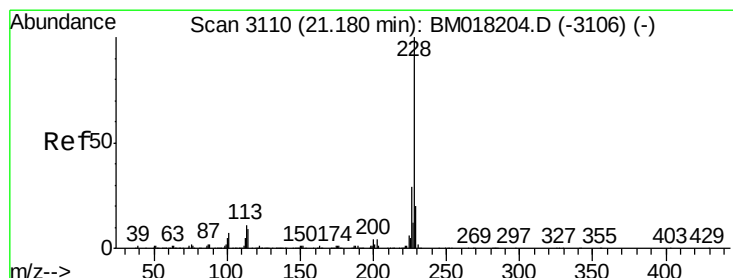
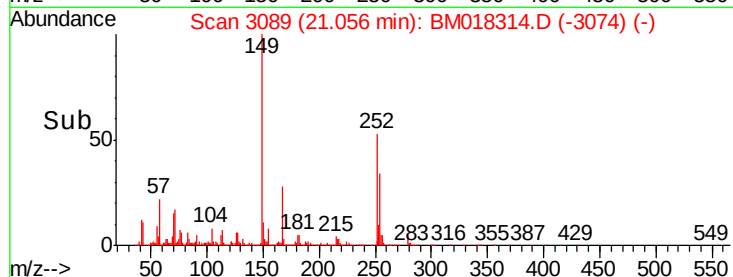
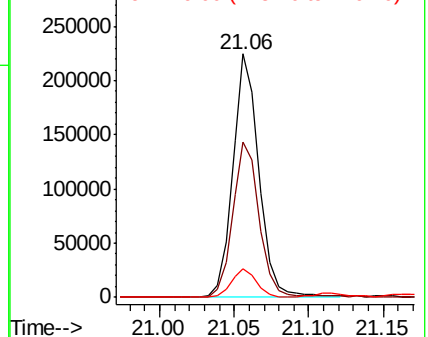


Abundance

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: 31.911 ng

RT: 21.16 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

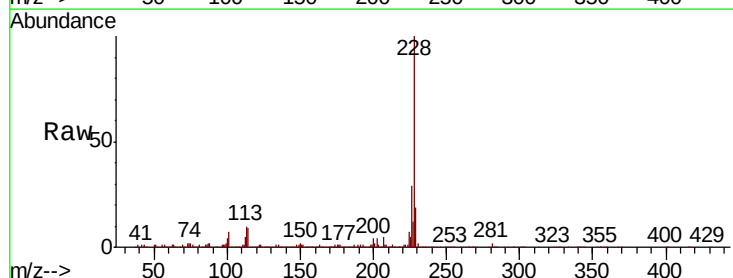
Tgt Ion:228 Resp: 825126

Ion Ratio Lower Upper

228 100

226 29.4 23.1 34.7

229 19.4 15.8 23.6

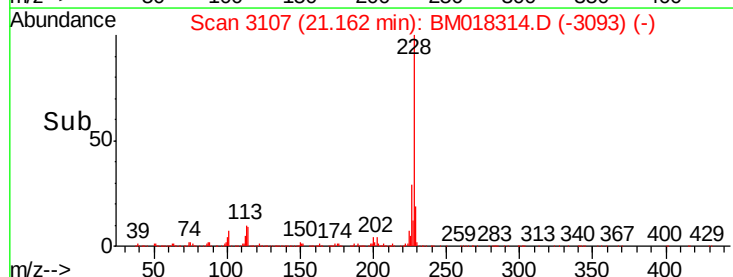
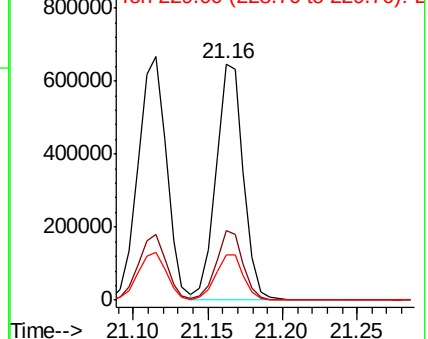


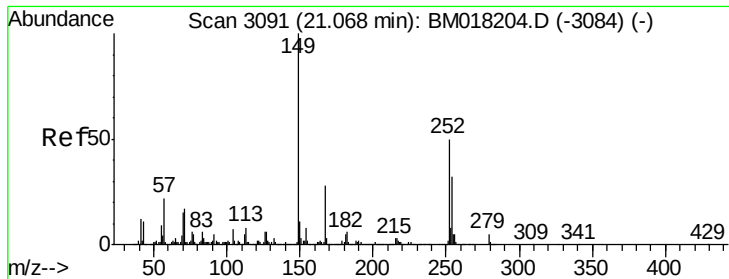
Abundance

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: 27.063 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

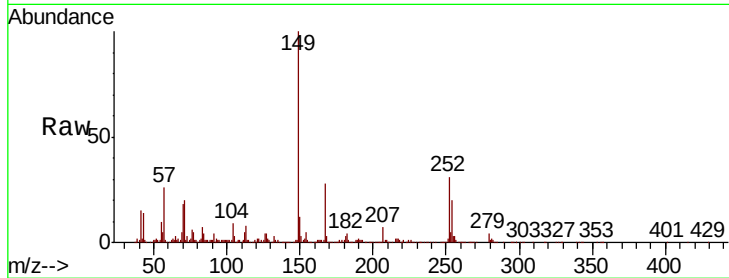
Tgt Ion:149 Resp: 526167

Ion Ratio Lower Upper

149 100

167 27.7 22.7 34.1

279 4.4 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

21.05

400000

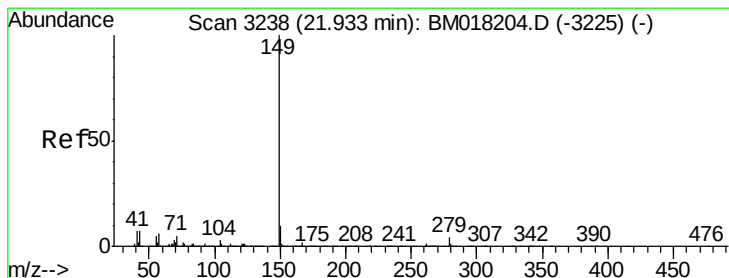
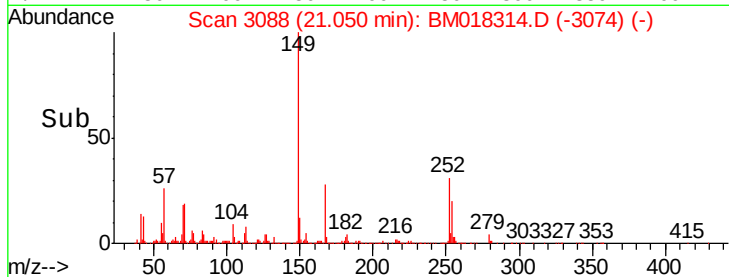
300000

200000

100000

0

Time-->



#85

Di-n-octyl phthalate

Concen: 30.255 ng

RT: 21.91 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

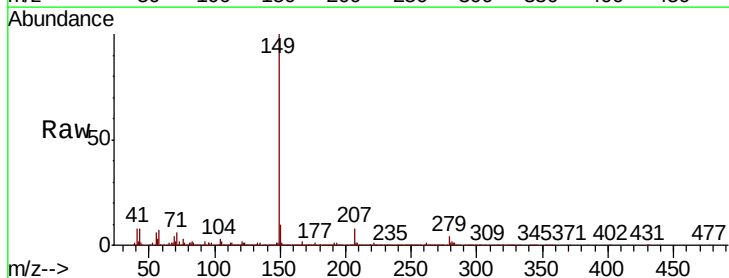
Tgt Ion:149 Resp: 963335

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 8.1 6.2 9.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

21.91

1000000

800000

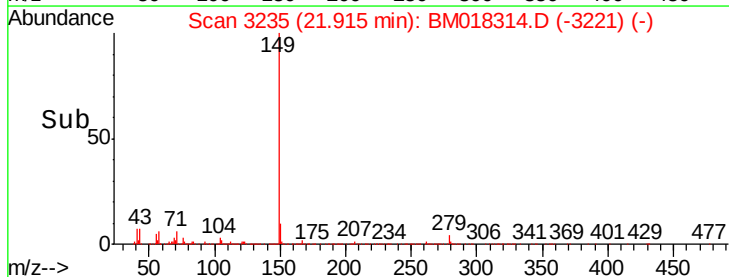
600000

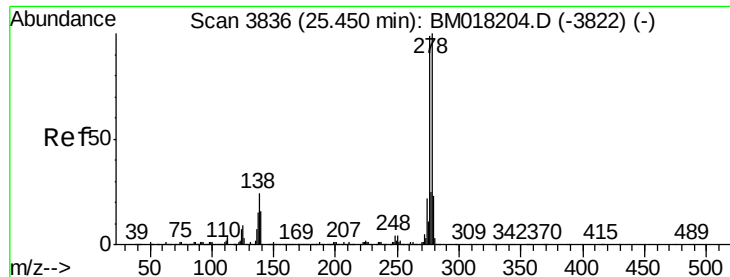
400000

200000

0

Time-->





#86

Indeno(1,2,3-cd)pyrene

Concen: 45.094 ng

RT: 25.42 min Scan# 3831

Delta R.T. -0.03 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

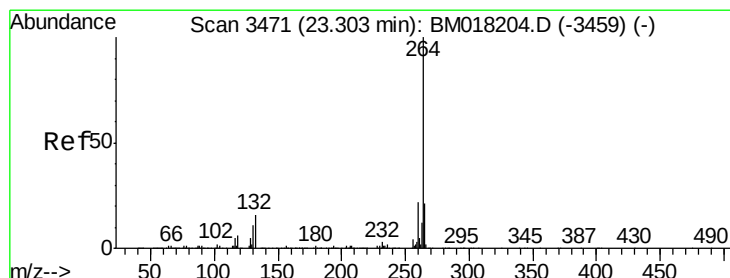
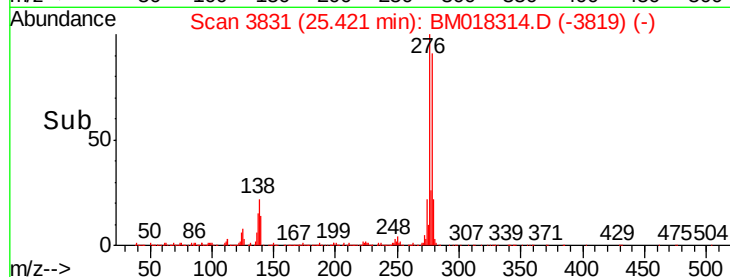
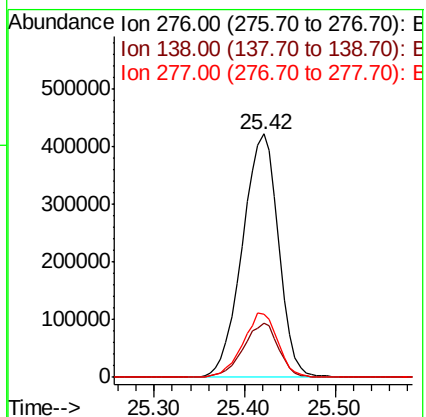
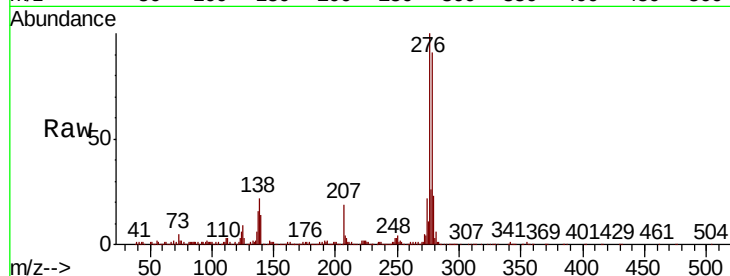
Tgt Ion:276 Resp: 1161487

Ion Ratio Lower Upper

276 100

138 21.6 18.6 28.0

277 25.5 20.3 30.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

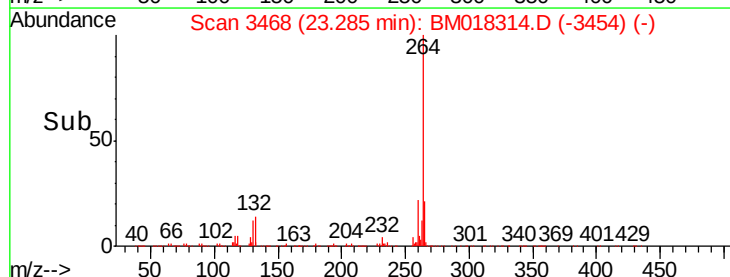
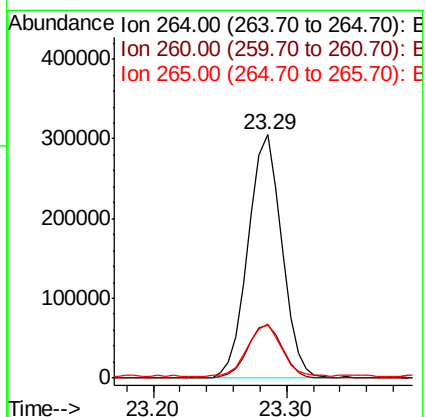
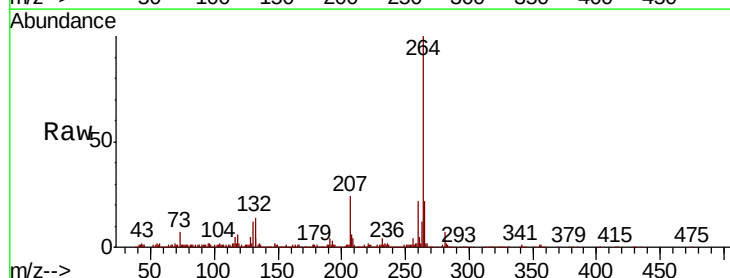
Tgt Ion:264 Resp: 533201

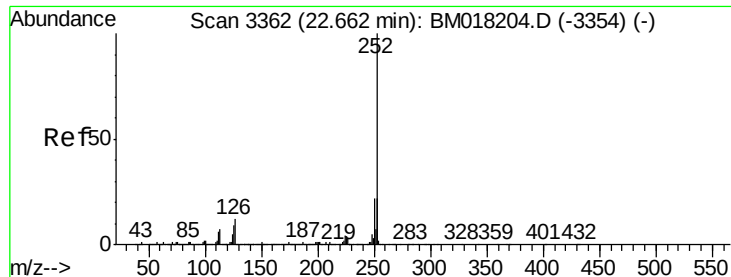
Ion Ratio Lower Upper

264 100

260 21.9 17.5 26.3

265 22.0 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 32.653 ng

RT: 22.64 min Scan# 3359

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

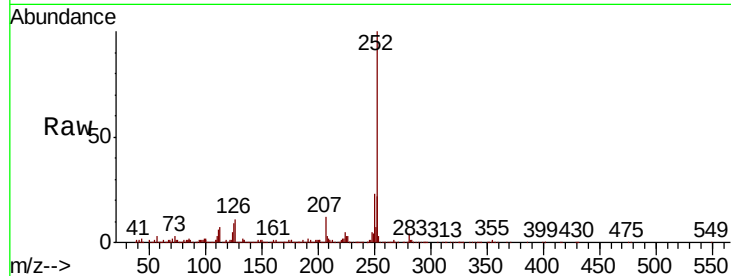
Tgt Ion:252 Resp: 977982

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

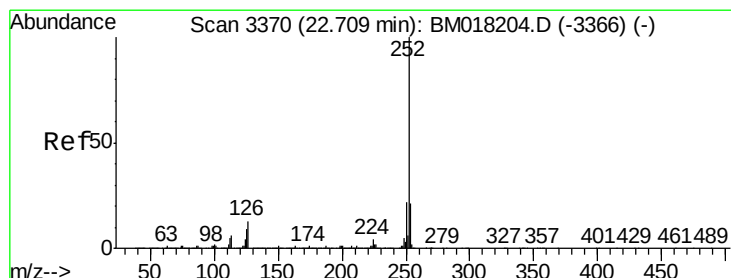
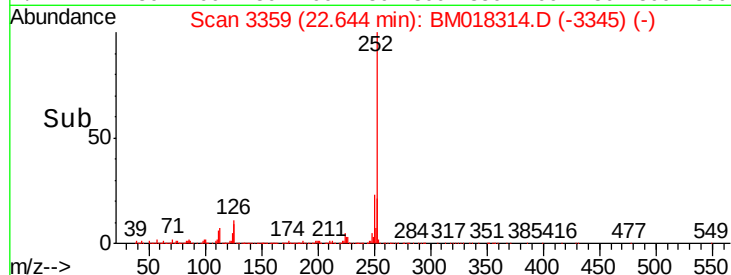
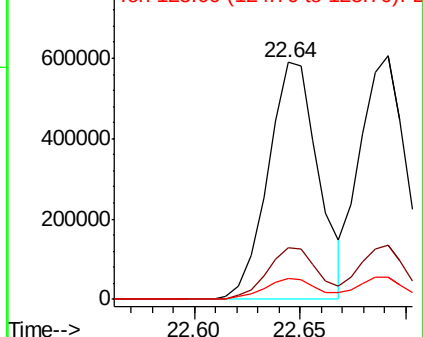
125 9.0 7.4 11.0



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: 30.888 ng

RT: 22.69 min Scan# 3367

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

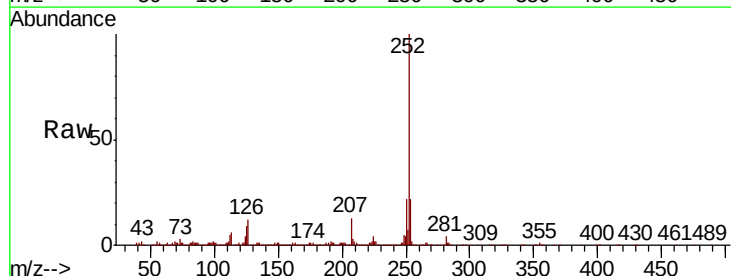
Tgt Ion:252 Resp: 921334

Ion Ratio Lower Upper

252 100

253 22.1 16.9 25.3

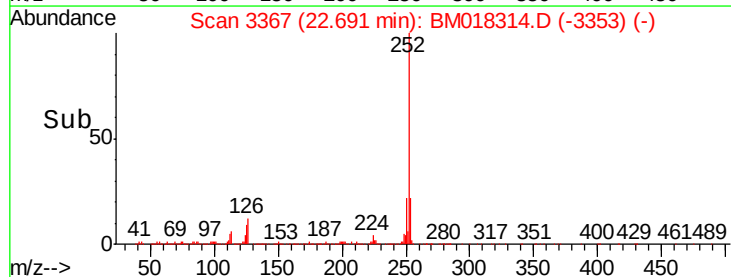
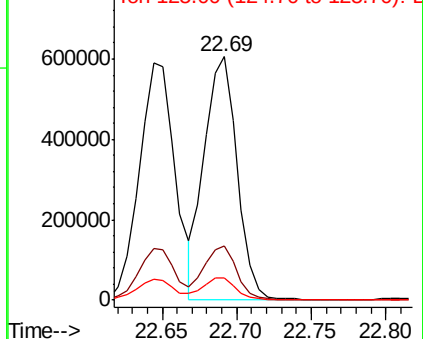
125 9.0 7.5 11.3

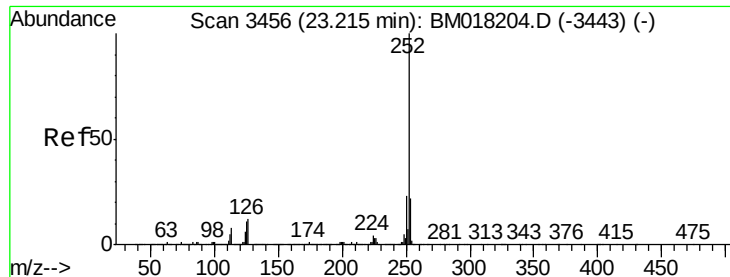


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 32.672 ng

RT: 23.20 min Scan# 3453

Delta R.T. -0.02 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

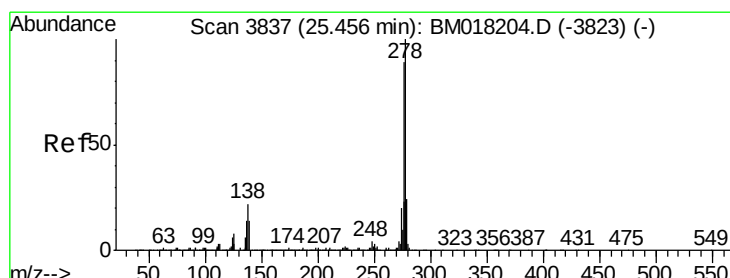
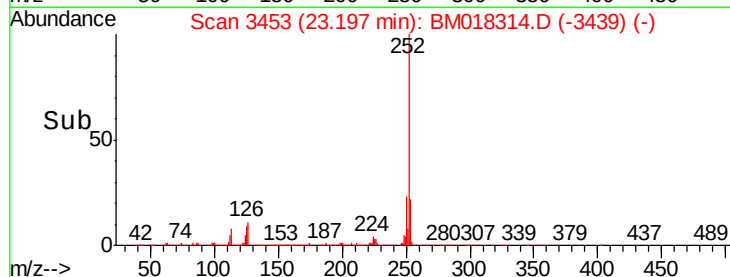
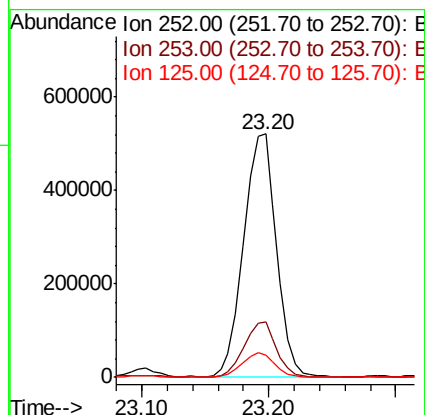
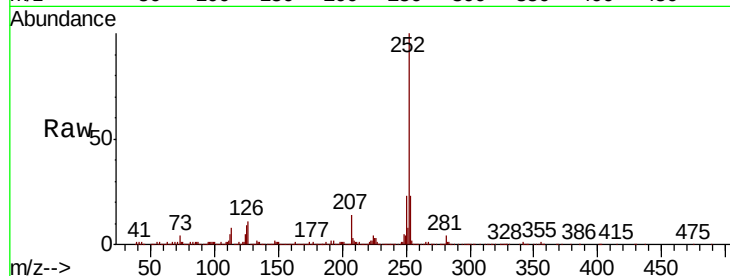
Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

Tgt Ion:	252	Resp:	930717
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	9.3	8.6	12.8



#91

Dibenzo(a,h)anthracene

Concen: 37.054 ng

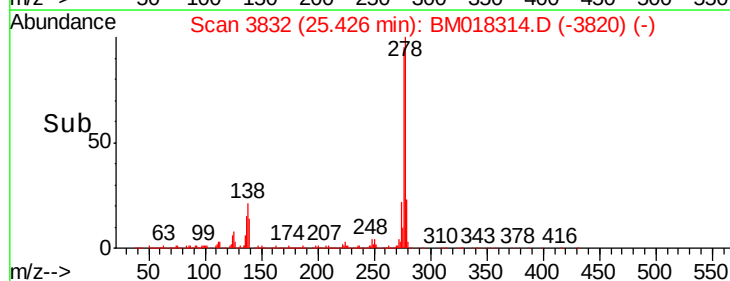
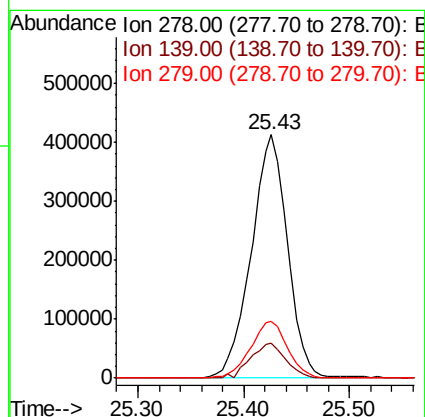
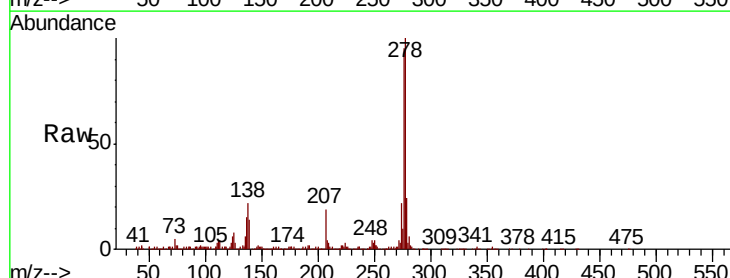
RT: 25.43 min Scan# 3832

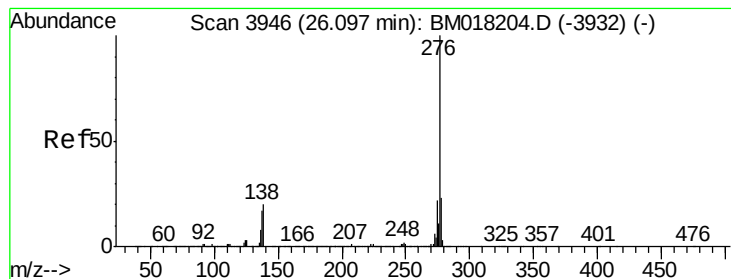
Delta R.T. -0.03 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Tgt Ion:	278	Resp:	977759
Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.6	17.4
279	23.5	19.2	28.8





#92

Benzo(g,h,i)perylene

Concen: 38.783 ng

RT: 26.06 min Scan# 3940

Delta R.T. -0.04 min

Lab File: BM018314.D

Acq: 20 Dec 2018 01:49

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MS

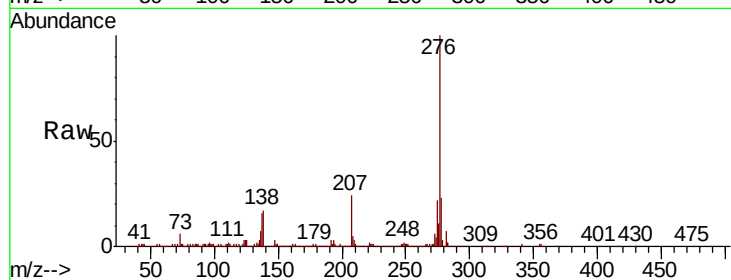
Tgt Ion: 276 Resp: 967388

Ion Ratio Lower Upper

276 100

277 23.0 18.7 28.1

138 17.3 15.8 23.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

