

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\
 Data File : BM016641.D
 Acq On : 31 Aug 2018 17:49
 Operator : SJ/JU
 Sample : PB112537BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 01 00:33:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	81047	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	338950	20.00	ng	-0.01
38) Acenaphthene-d10	14.64	164	258512	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	799798	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1077393	20.00	ng	0.00
86) Perylene-d12	23.81	264	1016801	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	458840	110.94	ng	0.00
7) Phenol-d6	7.18	99	550574	100.60	ng	0.00
23) Nitrobenzene-d5	9.19	82	539474	72.67	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	794092	109.89	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1888757	70.23	ng	0.00
78) Terphenyl-d14	19.97	244	4410281	86.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	88882	38.899	ng	# 100
3) Pyridine	3.80	79	163008	34.289	ng	# 79
4) n-Nitrosodimethylamine	3.72	42	120303	56.803	ng	# 53
6) Aniline	7.33	93	214500	35.024	ng	# 86
8) 2-Chlorophenol	7.56	128	218225	44.342	ng	# 97
9) Benzaldehyde	7.16	77	137593	36.226	ng	# 73
10) Phenol	7.21	94	225870	41.731	ng	# 87
11) bis(2-Chloroethyl)ether	7.43	93	158638	39.086	ng	# 94
12) 1,3-Dichlorobenzene	7.88	146	256434	39.301	ng	# 88
13) 1,4-Dichlorobenzene	8.03	146	255771	38.196	ng	# 95
14) 1,2-Dichlorobenzene	8.35	146	264139	40.151	ng	# 94
15) Benzyl Alcohol	8.26	79	226794	44.623	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	8.52	45	116461	41.672	ng	# 36
17) 2-Methylphenol	8.46	107	171239	43.690	ng	# 72
18) Hexachloroethane	9.05	117	156473	50.723	ng	# 59
19) n-Nitroso-di-n-propylamine	8.82	70	182362	42.499	ng	# 88
20) 3+4-Methylphenols	8.79	107	229334	42.319	ng	# 78
22) Acetophenone	8.85	105	344670	42.229	ng	# 98
24) Nitrobenzene	9.23	77	314188	42.359	ng	# 89
25) Isophorone	9.75	82	484783	48.861	ng	# 93
26) 2-Nitrophenol	9.94	139	125742	39.655	ng	# 43
27) 2,4-Dimethylphenol	9.99	122	200040	48.409	ng	# 77
28) bis(2-Chloroethoxy)methane	10.22	93	253485	42.800	ng	# 97
29) 2,4-Dichlorophenol	10.47	162	276742	44.747	ng	# 94
30) 1,2,4-Trichlorobenzene	10.66	180	449043	47.850	ng	# 95
31) Naphthalene	10.85	128	708957	43.901	ng	# 96
32) Benzoic acid	10.21	122	112030	32.402	ng	# 72
33) 4-Chloroaniline	10.99	127	156682	23.054	ng	# 84
34) Hexachlorobutadiene	11.10	225	499571	55.774	ng	# 94
35) Caprolactam	11.82	113	50858	34.270	ng	# 50
36) 4-Chloro-3-methylphenol	12.12	107	247826	41.682	ng	# 85
37) 2-Methylnaphthalene	12.46	142	607268	48.035	ng	# 84
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	760341	52.078	ng	# 100
40) Hexachlorocyclopentadiene	12.78	237	1014664	125.553	ng	# 99

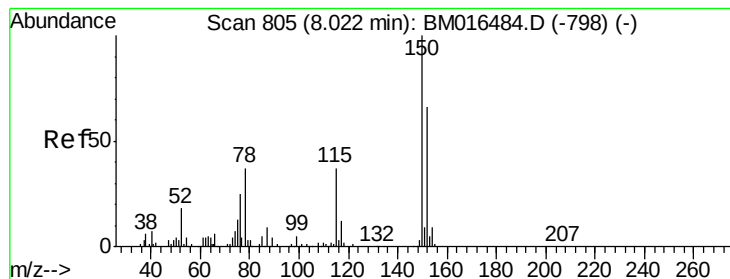
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	419626	48.063	nq	92
43) 2,4,5-Trichlorophenol	13.17	196	393601	46.152	nq #	94
45) 1,1'-Biphenyl	13.47	154	863647	38.100	nq	99
46) 2-Chloronaphthalene	13.52	162	703521	38.202	nq #	92
47) 2-Nitroaniline	13.76	65	182347	37.174	nq #	84
48) Acenaphthylene	14.37	152	1060933	40.812	nq	99
49) Dimethylphthalate	14.10	163	1001488	40.324	nq #	98
50) 2,6-Dinitrotoluene	14.25	165	188115	38.833	nq #	64
51) Acenaphthene	14.70	154	628958	39.383	nq	95
52) 3-Nitroaniline	14.59	138	104702	23.754	nq #	63
53) 2,4-Dinitrophenol	14.82	184	189666	78.237	nq #	65
54) Dibenzofuran	15.04	168	1270718	41.564	nq	93
55) 4-Nitrophenol	14.91	139	167793	59.684	nq #	77
56) 2,4-Dinitrotoluene	15.04	165	305354	37.801	nq #	88
57) Fluorene	15.69	166	1023165	44.302	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	431716	52.669	nq #	100
59) Diethylphthalate	15.46	149	994966	38.422	nq	94
60) 4-Chlorophenyl-phenylether	15.67	204	930071	48.021	nq #	83
61) 4-Nitroaniline	15.76	138	121415	28.185	nq #	1
62) Azobenzene	15.97	77	1279278	46.380	nq	90
64) 4,6-Dinitro-2-methylphenol	15.82	198	219832	36.174	nq #	58
65) n-Nitrosodiphenylamine	15.90	169	885212	39.343	nq	97
66) 4-Bromophenyl-phenylether	16.57	248	590702	48.067	nq	94
67) Hexachlorobenzene	16.69	284	642115	44.804	nq	94
68) Atrazine	16.85	200	540682	52.655	nq	92
69) Pentachlorophenol	17.04	266	569007	75.038	nq	98
70) Phenanthrene	17.43	178	1757250	42.509	nq	99
71) Anthracene	17.52	178	1780408	43.373	nq	99
72) Carbazole	17.80	167	1197232	32.455	nq	98
73) Di-n-butylphthalate	18.32	149	1662544	36.967	nq #	97
74) Fluoranthene	19.43	202	2607508	43.021	nq	94
76) Benzidine	19.62	184	924748	44.632	nq	98
77) Pyrene	19.79	202	2667237	45.553	nq	99
79) Butylbenzylphthalate	20.65	149	770039	38.100	nq #	65
80) Benzo(a)anthracene	21.51	228	2827817	44.644	nq	99
81) 3,3'-Dichlorobenzidine	21.44	252	702079	24.901	nq #	96
82) Chrysene	21.56	228	2535174	41.948	nq	99
83) Bis(2-ethylhexyl)phthalate	21.40	149	1102878	36.707	nq #	93
84) Di-n-octyl phthalate	22.29	149	1804569	36.142	nq #	94
85) Indeno(1,2,3-cd)pyrene	26.12	276	3104365	35.718	nq #	91
87) Benzo(b)fluoranthene	23.12	252	2884135	49.206	nq #	90
88) Benzo(k)fluoranthene	23.16	252	2591659	43.456	nq #	92
89) Benzo(a)pyrene	23.71	252	2602283	45.629	nq #	94
90) Dibenzo(a,h)anthracene	26.11	278	2604878	40.754	nq #	87
91) Benzo(g,h,i)perylene	26.83	276	2406054	41.936	nq #	81

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

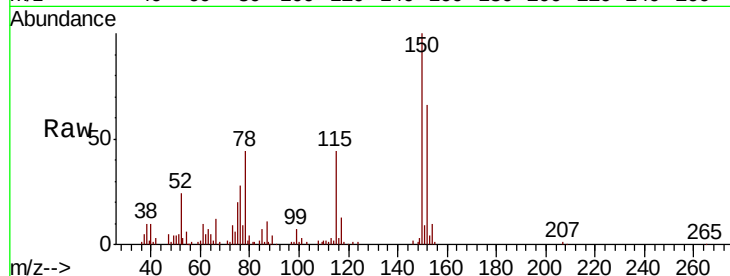


#1

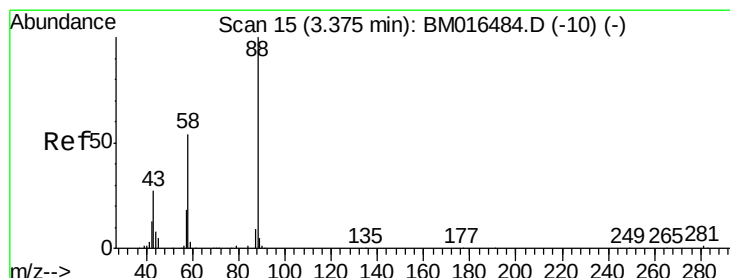
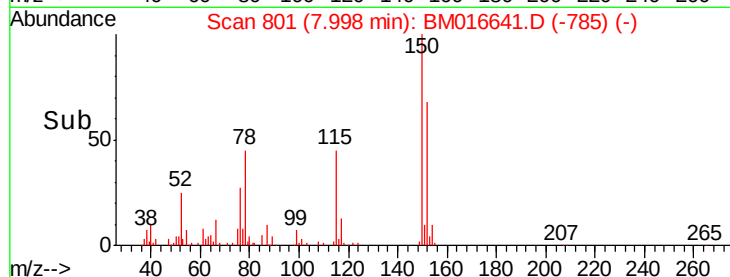
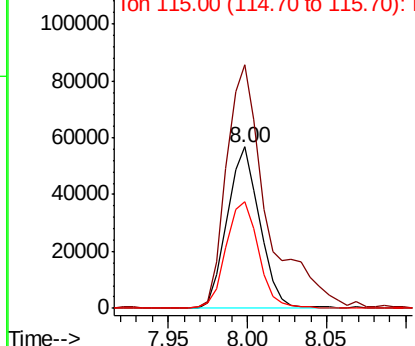
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 81047
Ion Ratio Lower Upper
152 100
150 151.0 119.5 179.3
115 65.9 43.0 64.4#



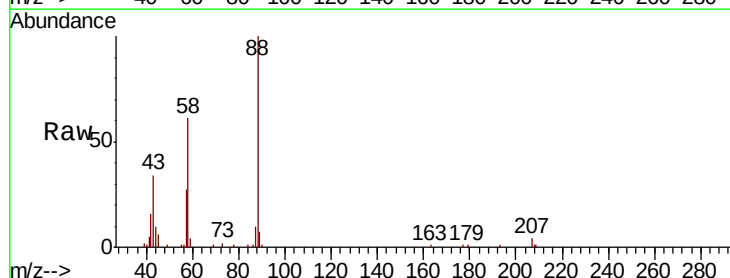
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



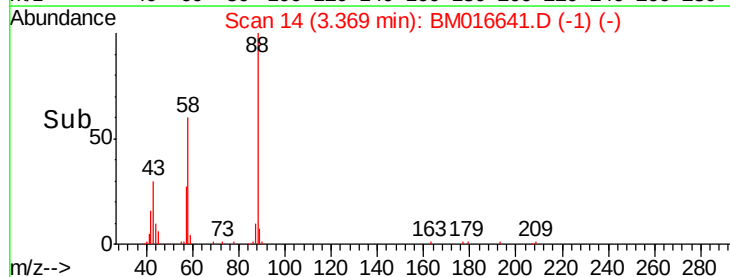
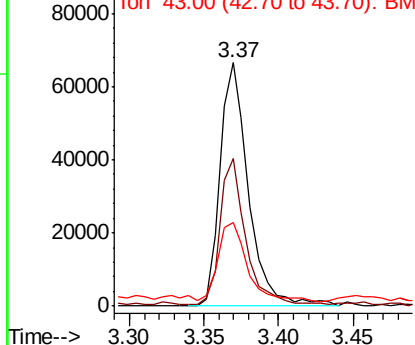
#2

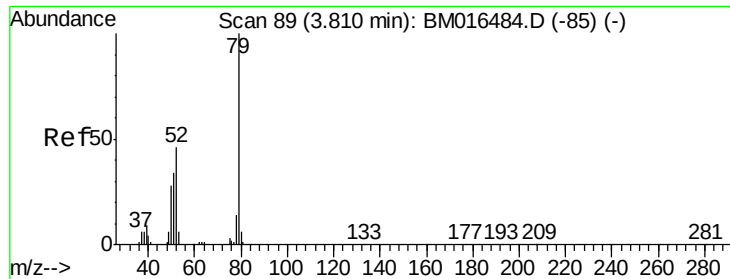
1,4-Dioxane
Concen: 38.899 ng
RT: 3.37 min Scan# 14
Delta R.T. -0.00 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion: 88 Resp: 88882
Ion Ratio Lower Upper
88 100
58 53.2 0.0 0.0#
43 34.0 0.0 0.0#



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

Pvrindine

Concen: 34.289 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.00 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampled :

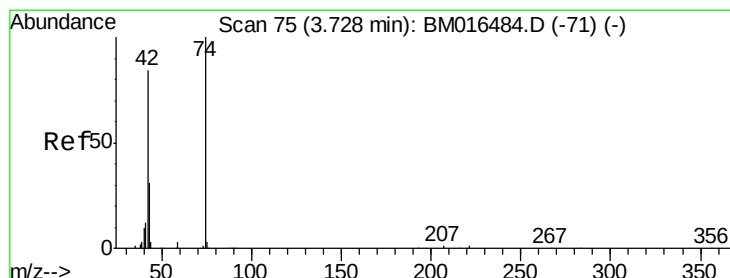
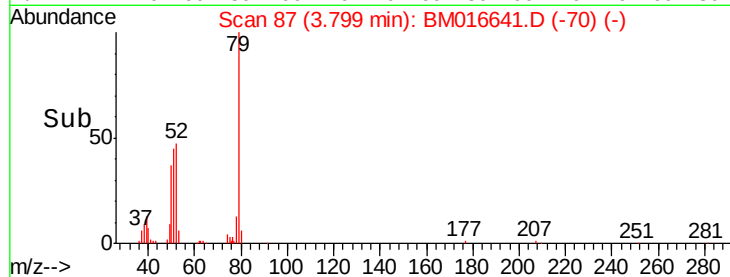
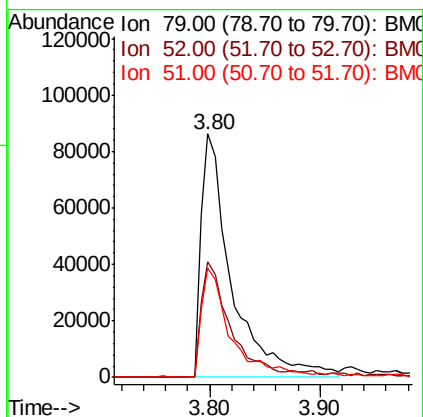
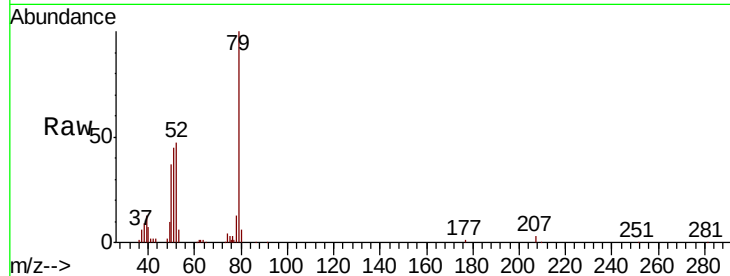
Tot Ion: 79 Resp: 163008

Ion Ratio Lower Upper

79 100

52 47.3 51.1 76.7#

51 44.6 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 56.803 ng

RT: 3.72 min Scan# 73

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

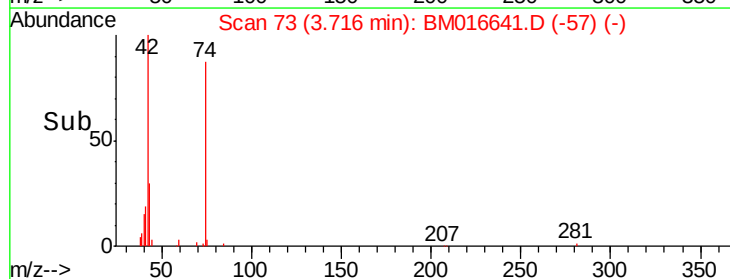
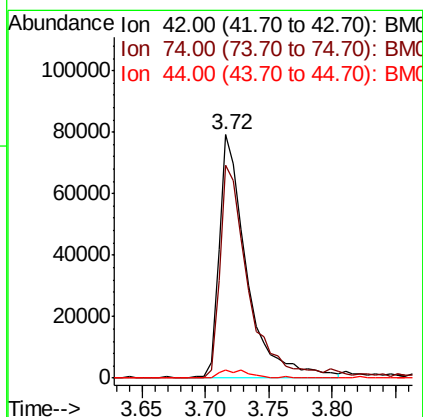
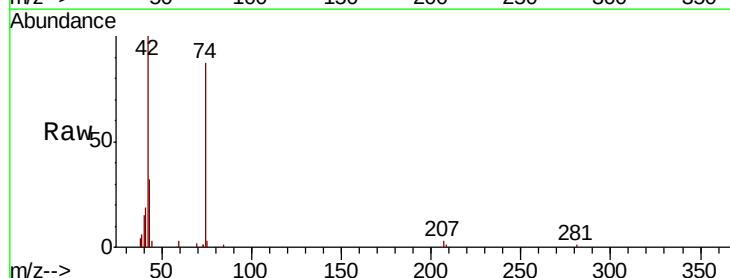
Tgt Ion: 42 Resp: 120303

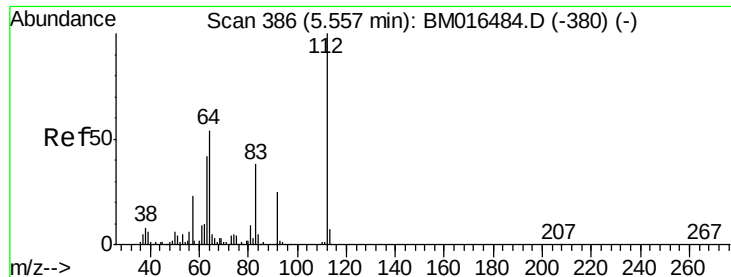
Ion Ratio Lower Upper

42 100

74 87.3 119.3 178.9#

44 3.3 5.4 8.2#





#5

2-Fluorophenol

Concen: 110.940 ng

RT: 5.54 min Scan# 383

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

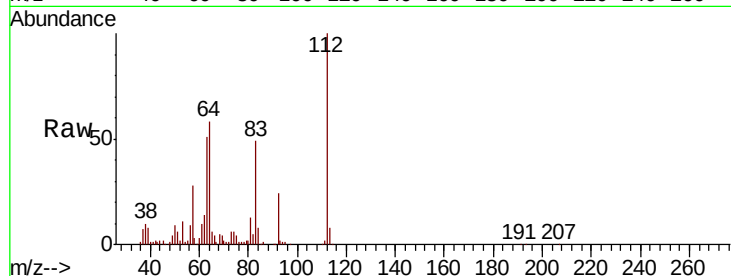
Tot Ion:112 Resp: 458840

Ion Ratio Lower Upper

112 100

64 58.5 38.6 57.8#

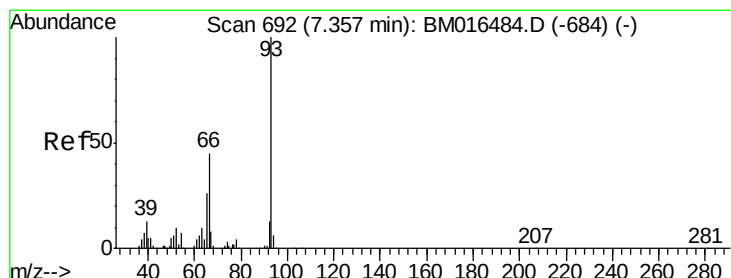
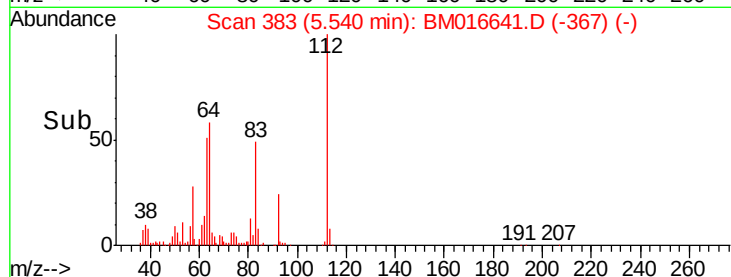
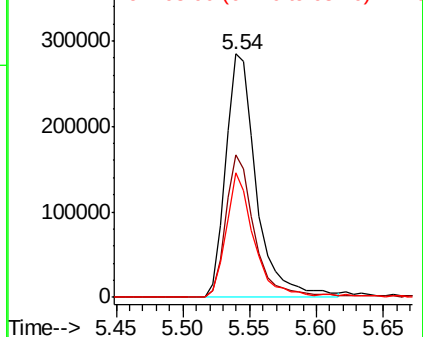
63 51.3 19.3 28.9#



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: 35.024 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

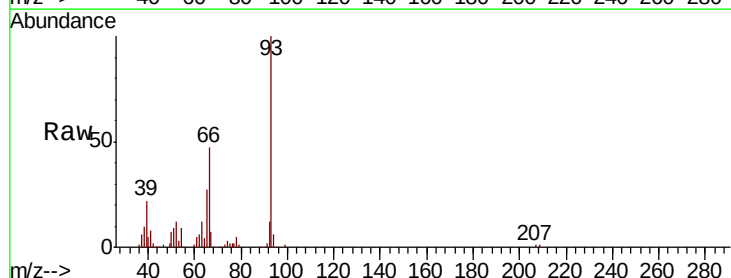
Tgt Ion: 93 Resp: 214500

Ion Ratio Lower Upper

93 100

66 47.3 30.8 46.2#

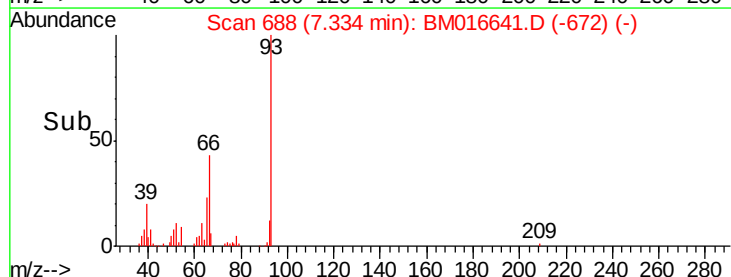
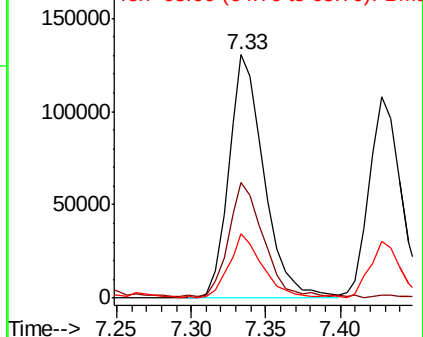
65 26.5 16.0 24.0#

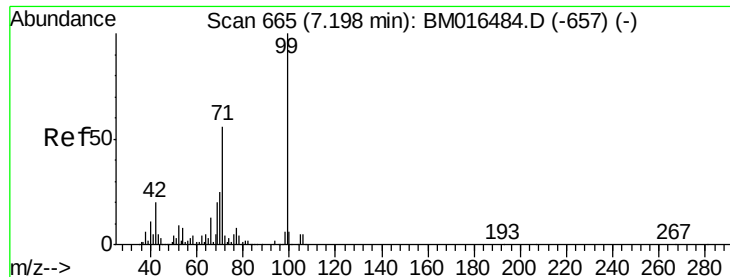


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 100.598 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

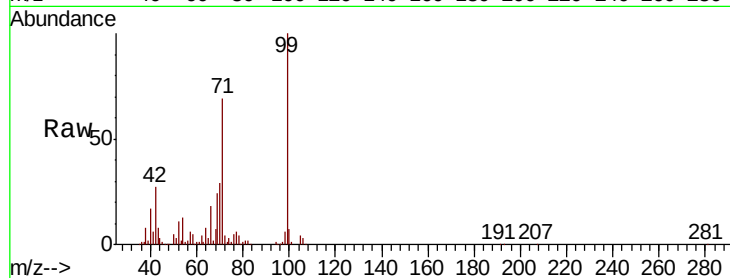
Tot Ion: 99 Resp: 550574

Ion Ratio Lower Upper

99 100

42 27.1 11.0 16.4#

71 68.9 23.4 35.2#

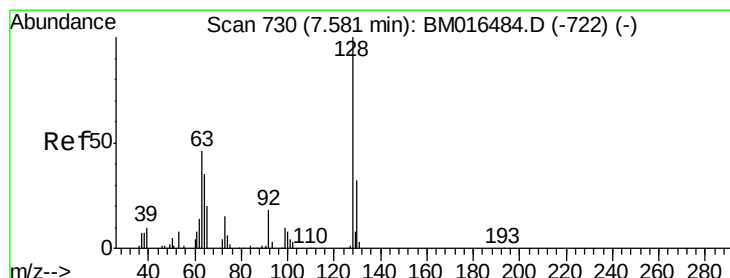
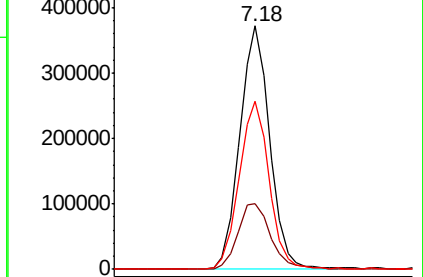
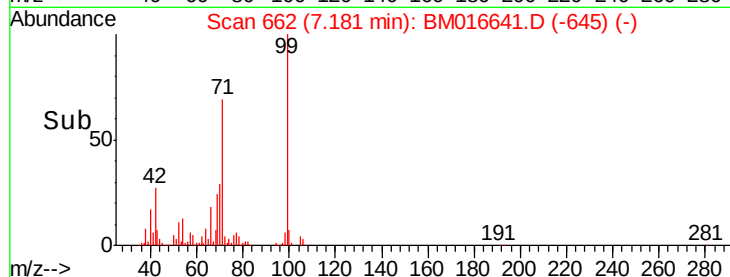


Abundance Ion 99.00 (98.70 to 99.70): BM016641.D (-645) (-)

Ion 42.00 (41.70 to 42.70): BM016641.D (-645) (-)

Ion 71.00 (70.70 to 71.70): BM016641.D (-645) (-)

Time-->



#8

2-Chlorophenol

Concen: 44.342 ng

RT: 7.56 min Scan# 727

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

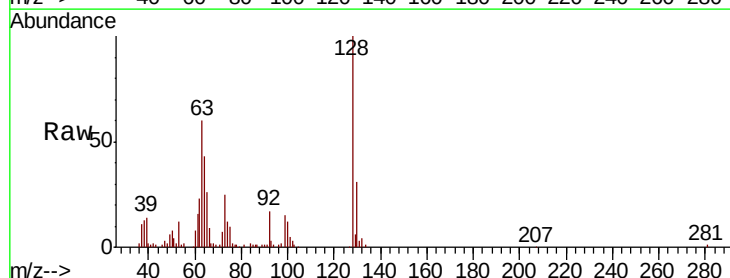
Tgt Ion: 128 Resp: 218225

Ion Ratio Lower Upper

128 100

130 30.9 12.0 52.0

64 43.0 24.9 64.9

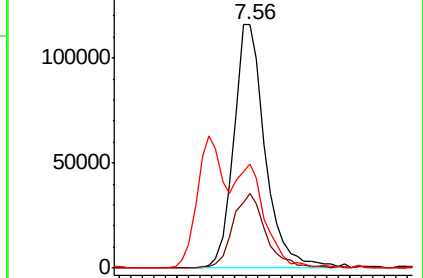
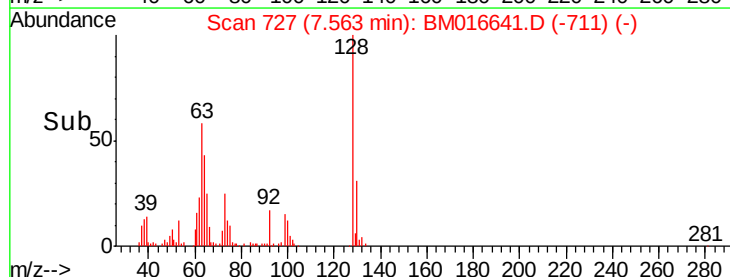


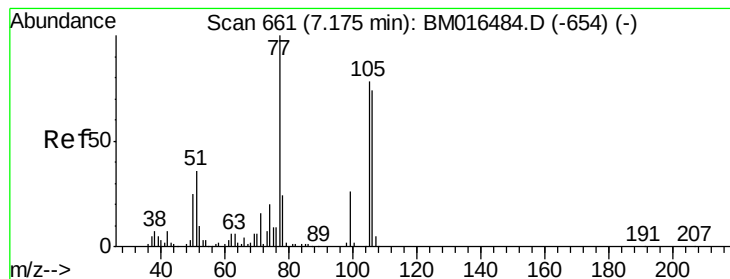
Abundance Ion 128.00 (127.70 to 128.70): BM016641.D (-711) (-)

Ion 130.00 (129.70 to 130.70): BM016641.D (-711) (-)

Ion 64.00 (63.70 to 64.70): BM016641.D (-711) (-)

Time-->





#9

Benzaldehyde

Concen: 36.226 ng

RT: 7.16 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

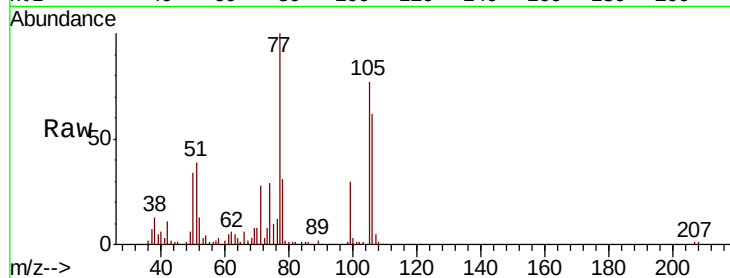
Tot Ion: 77 Resp: 137593

Ion Ratio Lower Upper

77 100

105 77.3 78.8 118.8#

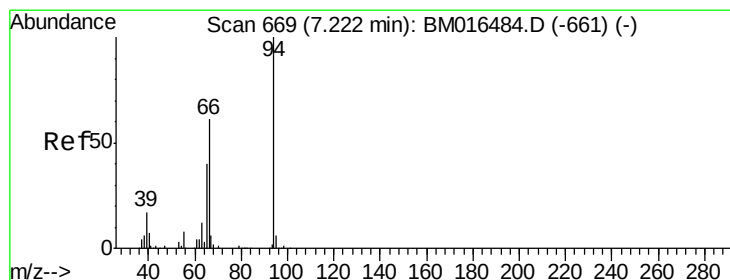
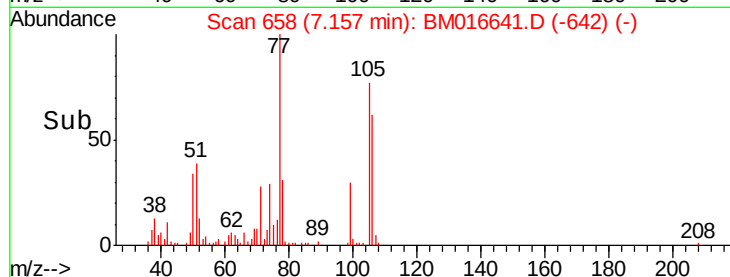
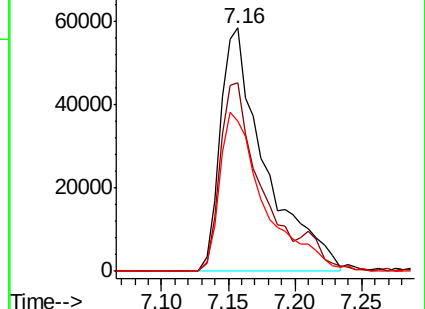
106 61.8 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016641.D (-658) (-)

Ion 105.00 (104.70 to 105.70): BM016641.D (-658) (-)

Ion 106.00 (105.70 to 106.70): BM016641.D (-658) (-)



#10

Phenol

Concen: 41.731 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

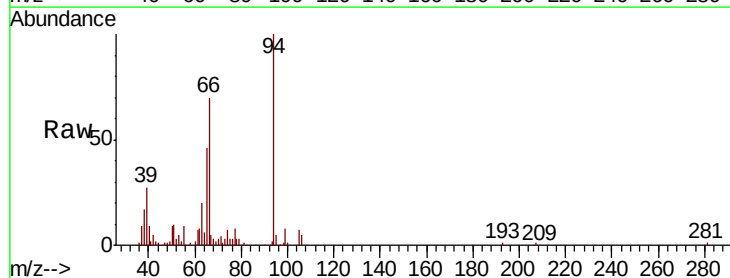
Tgt Ion: 94 Resp: 225870

Ion Ratio Lower Upper

94 100

65 45.8 18.8 58.8

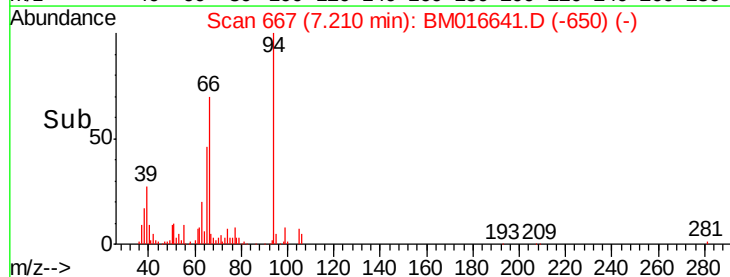
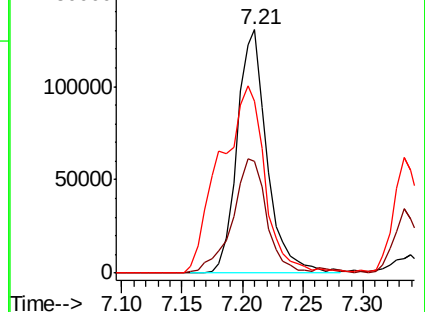
66 70.4 39.9 79.9

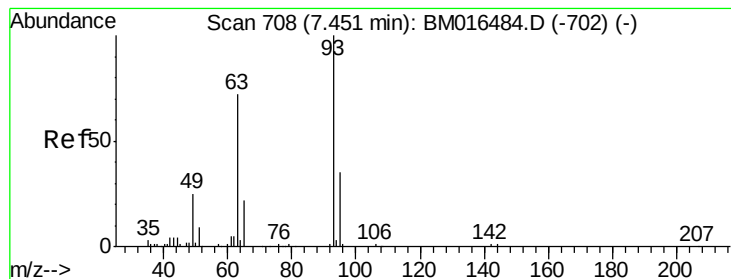


Abundance Ion 94.00 (93.70 to 94.70): BM016641.D (-667) (-)

Ion 65.00 (64.70 to 65.70): BM016641.D (-667) (-)

Ion 66.00 (65.70 to 66.70): BM016641.D (-667) (-)





#11

bis(2-Chloroethyl)ether

Concen: 39.086 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampled :

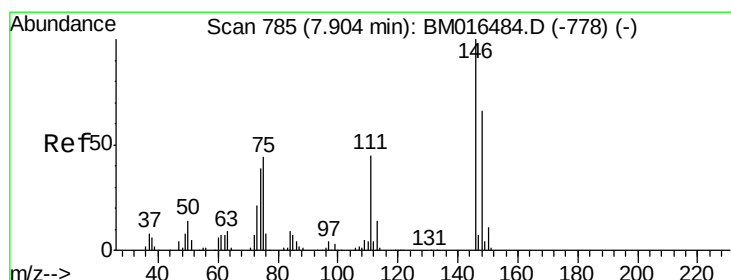
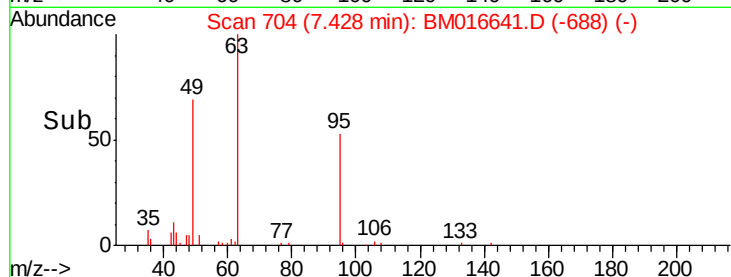
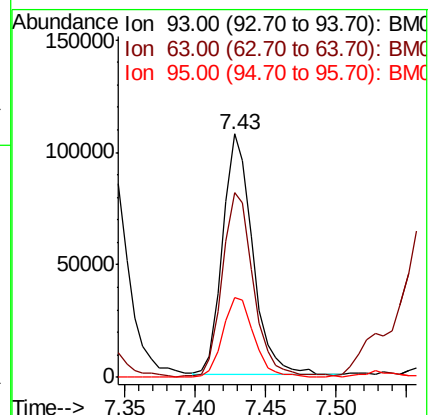
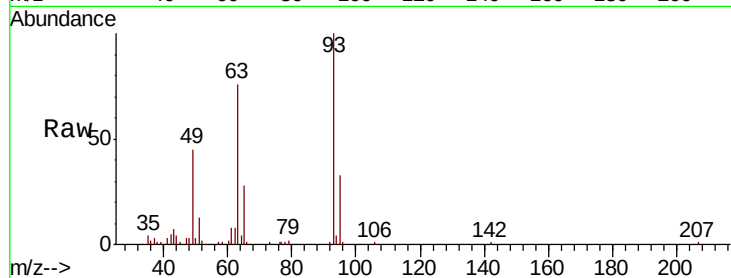
Tot Ion: 93 Resp: 158638

Ion Ratio Lower Upper

93 100

63 75.9 49.5 89.5

95 32.9 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 39.301 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

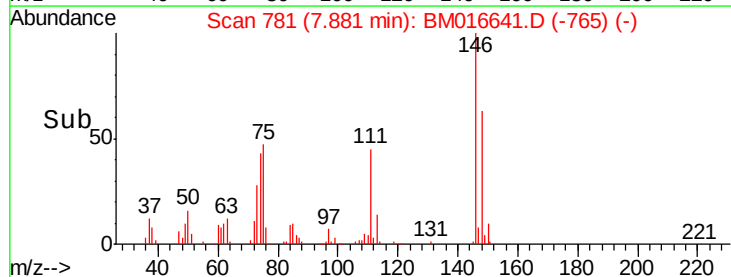
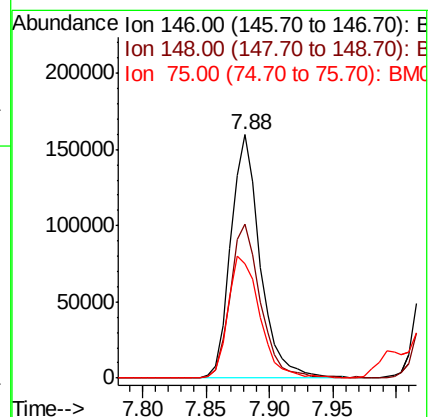
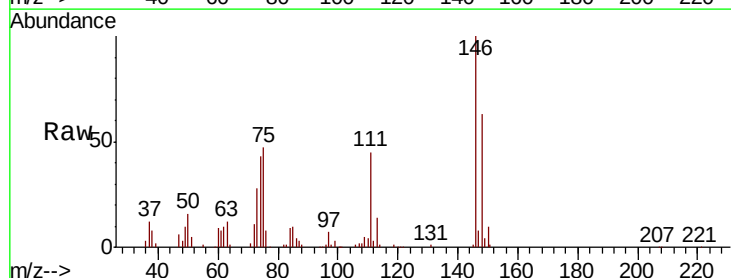
Tgt Ion: 146 Resp: 256434

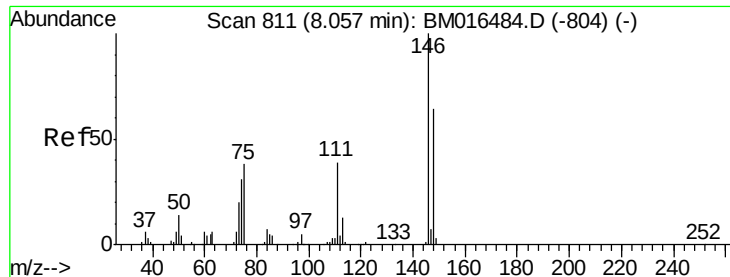
Ion Ratio Lower Upper

146 100

148 63.4 50.9 76.3

75 46.8 21.4 32.2#

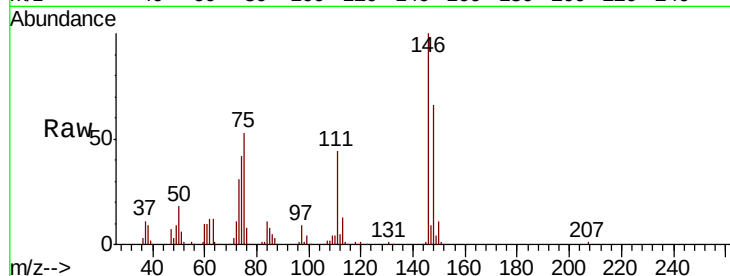




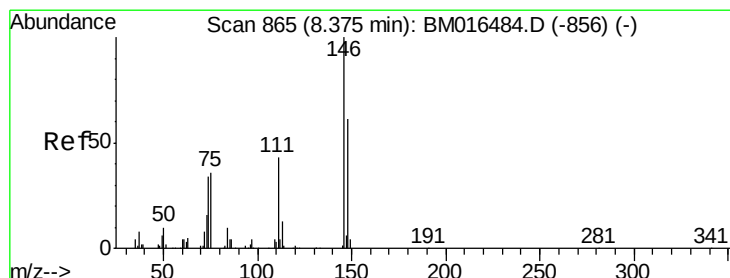
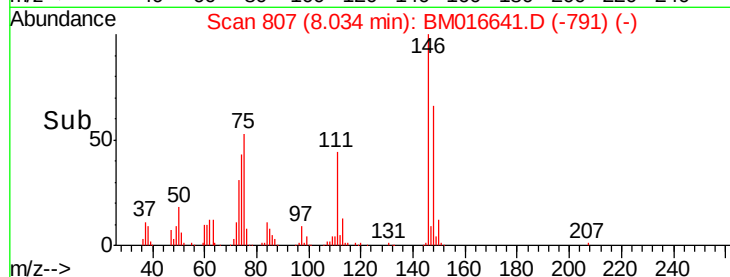
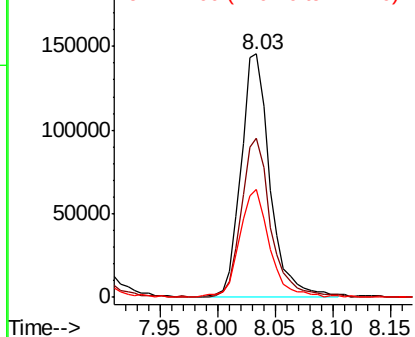
#13
 1,4-Dichlorobenzene
 Concen: 38.196 ng
 RT: 8.03 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:146 Resp: 255771
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.9 77.9
 111 44.4 29.2 43.8#

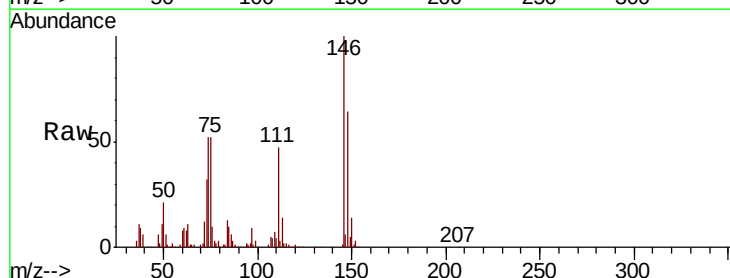


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

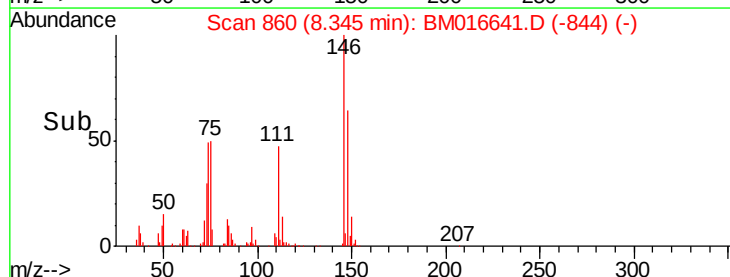
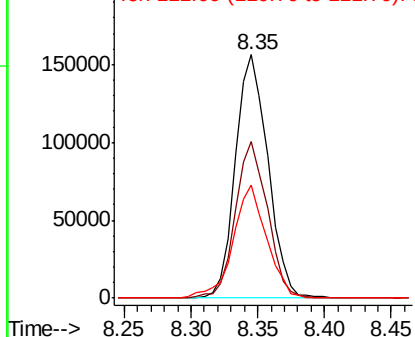


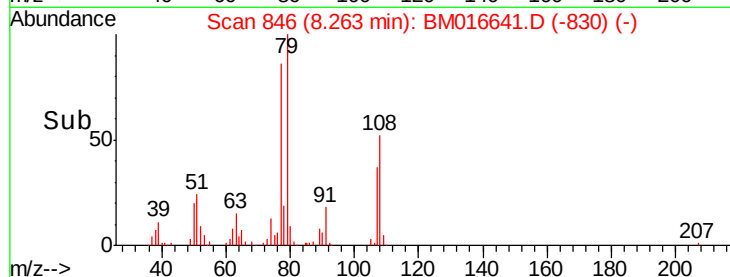
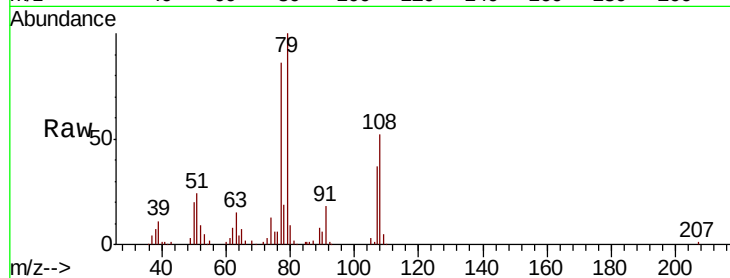
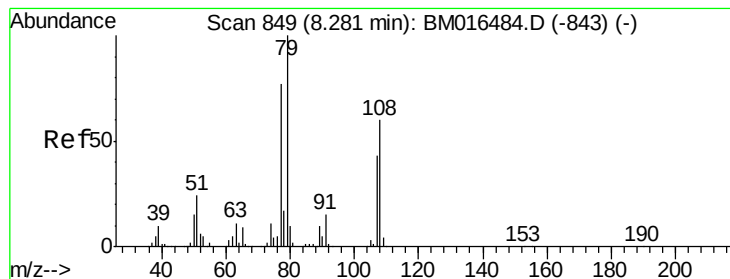
#14
 1,2-Dichlorobenzene
 Concen: 40.151 ng
 RT: 8.35 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion:146 Resp: 264139
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.3 78.5
 111 46.7 30.6 45.8#



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: 44.623 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampled :

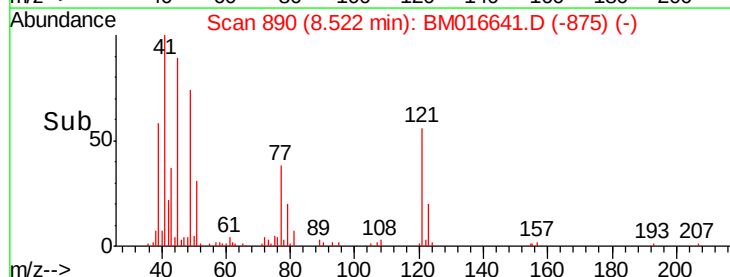
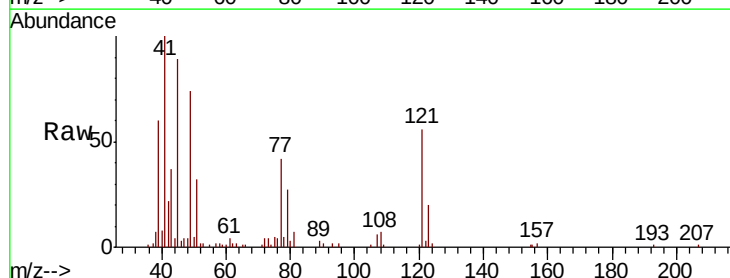
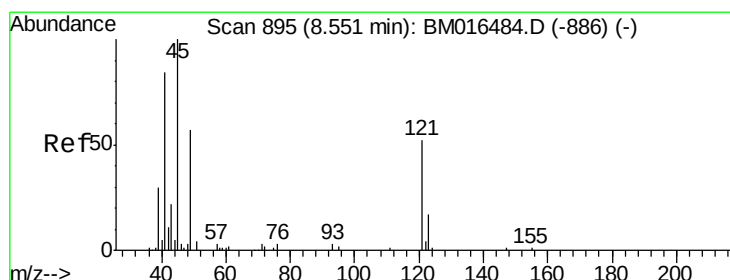
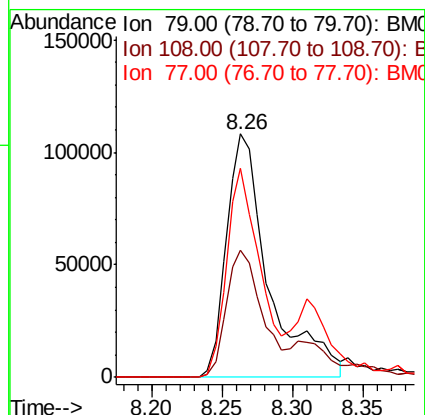
Tot Ion: 79 Resp: 226794

Ion Ratio Lower Upper

79 100

108 52.2 65.0 97.4#

77 85.7 53.0 79.6#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.672 ng

RT: 8.52 min Scan# 890

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

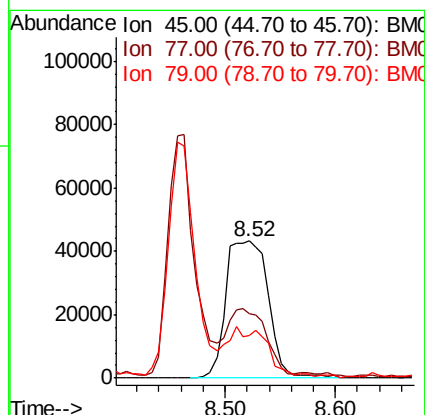
Tgt Ion: 45 Resp: 116461

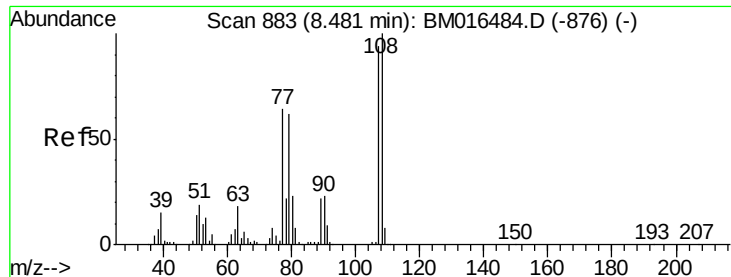
Ion Ratio Lower Upper

45 100

77 46.8 0.0 35.2#

79 30.8 0.0 32.0

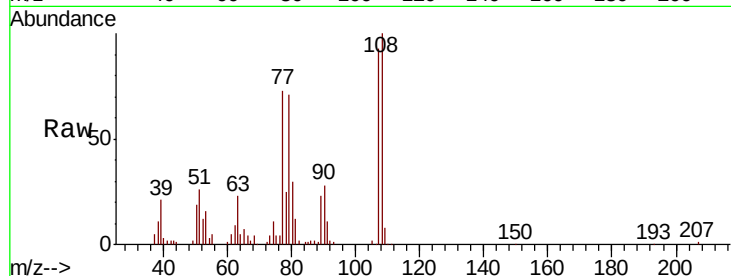




#17
2-Methylphenol
Concen: 43.690 ng
RT: 8.46 min Scan# 879
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	171239
Ion	Ratio	Lower	Upper
107	100		
108	107.1	89.8	134.8
77	78.6	32.6	48.8#
79	76.5	32.8	49.2#



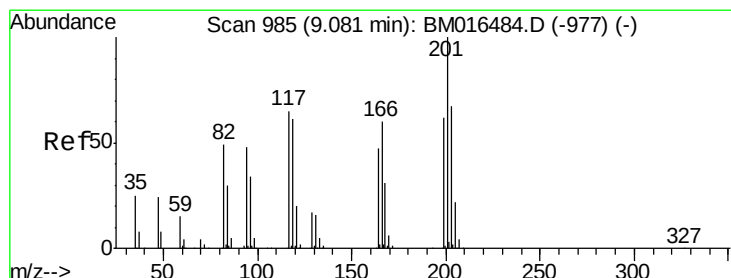
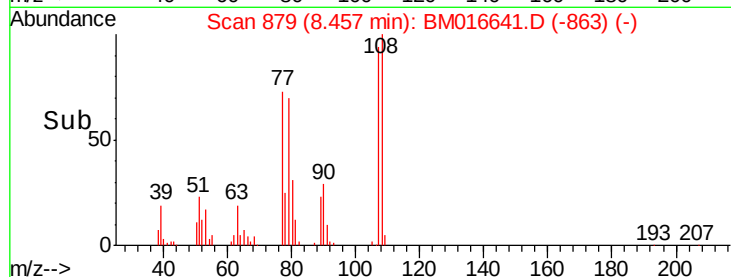
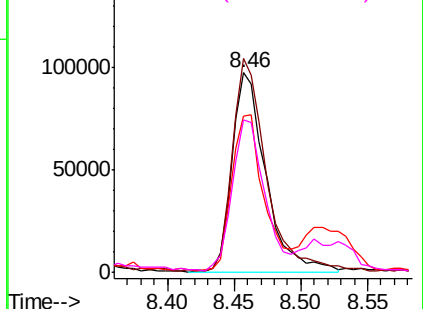
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

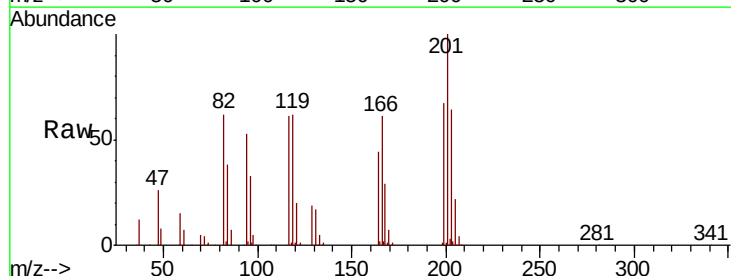
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 50.723 ng
RT: 9.05 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion:	117	Resp:	156473
Ion	Ratio	Lower	Upper
117	100		
119	102.2	79.2	118.8
201	165.0	69.8	104.6#

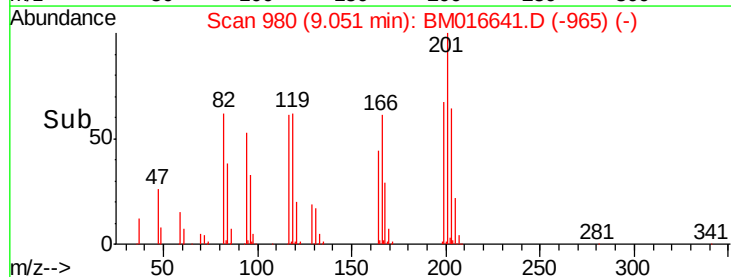
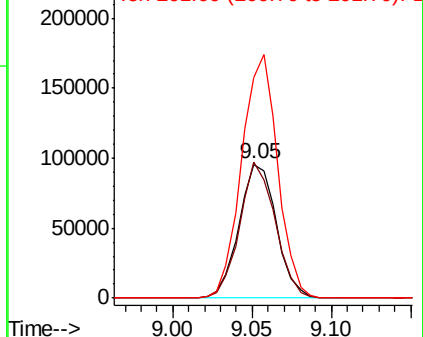


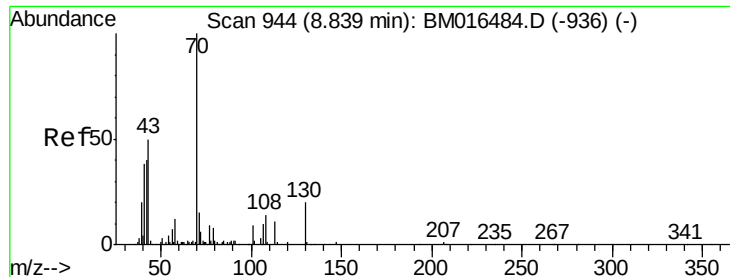
Abundance

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

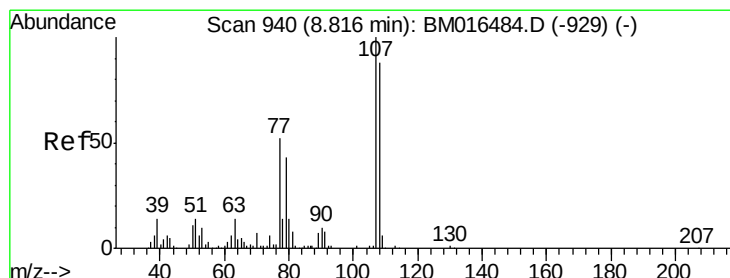
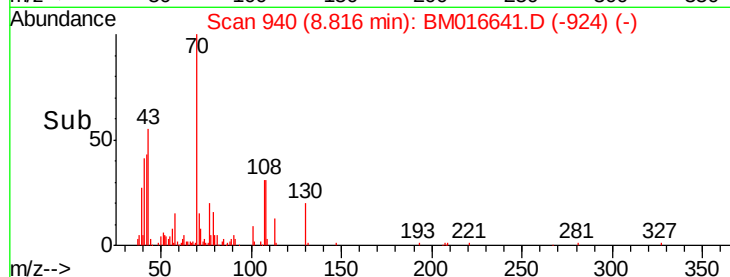
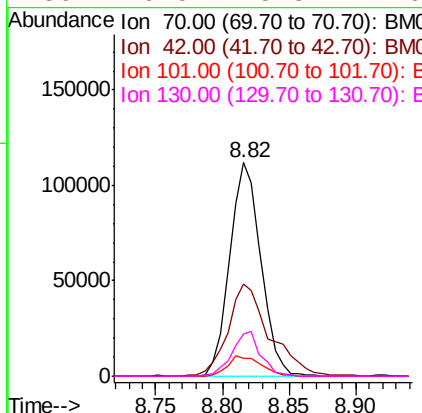
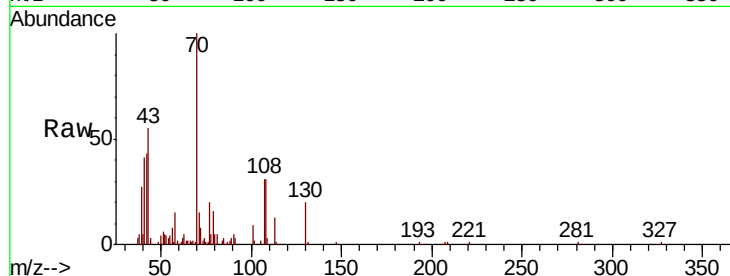




#19
 n-Nitroso-di-n-propylamine
 Concen: 42.499 ng
 RT: 8.82 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

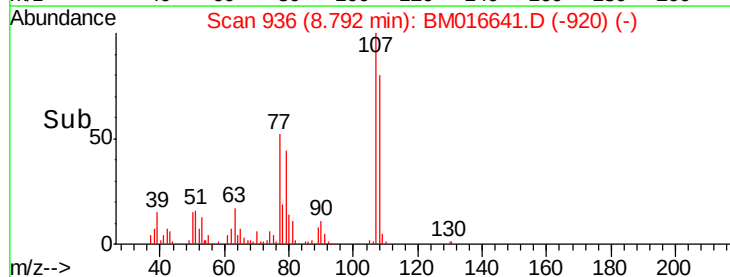
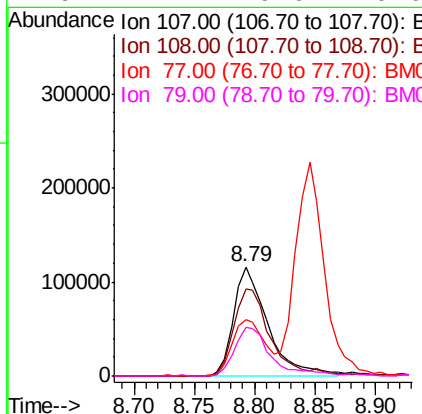
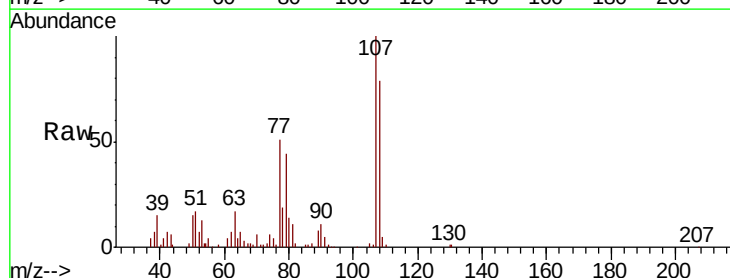
Instrument :
 BNA_M
 ClientSampleId :

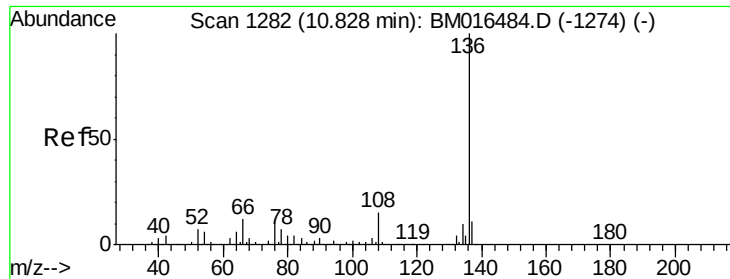
Tot Ion:	70	Resp:	182362
Ion	Ratio	Lower	Upper
70	100		
42	43.2	44.5	66.7#
101	8.6	7.4	11.2
130	20.0	15.3	22.9



#20
 3+4-Methylphenols
 Concen: 42.319 ng
 RT: 8.79 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion:	107	Resp:	229334
Ion	Ratio	Lower	Upper
107	100		
108	79.3	73.2	113.2
77	51.5	10.7	50.7#
79	44.1	9.6	49.6

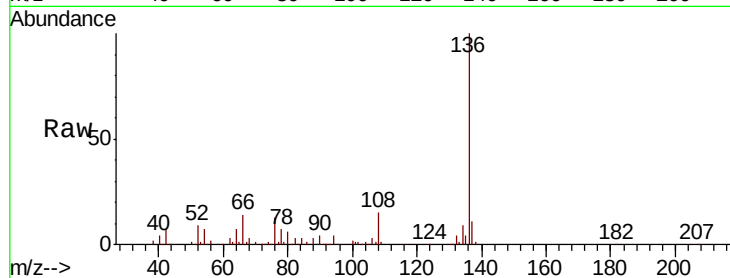




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	338950
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.7	13.1
54 7.2	4.6	6.8#
68 2.8	3.7	5.5#



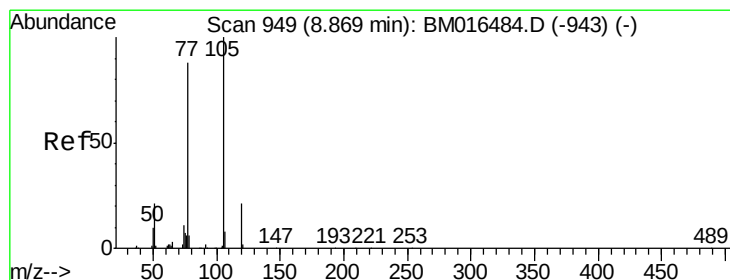
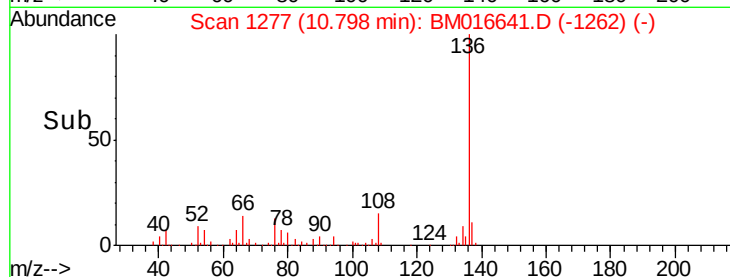
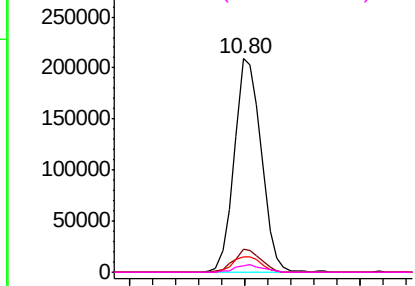
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

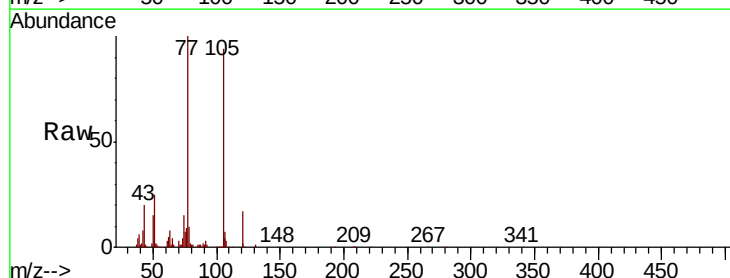
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 42.229 ng
RT: 8.85 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt	Ion:105	Resp:	344670
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.6	1.0#
51	27.2	21.6	32.4
120	18.2	16.1	24.1



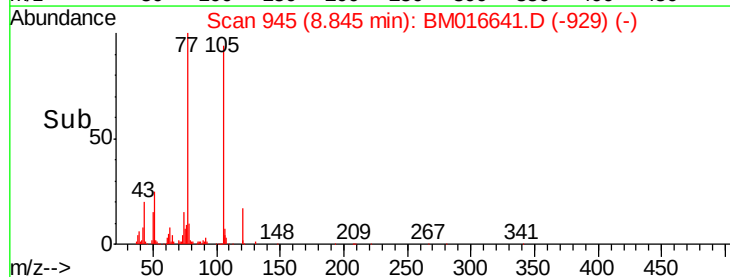
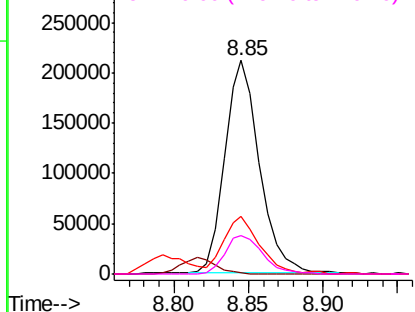
Abundance

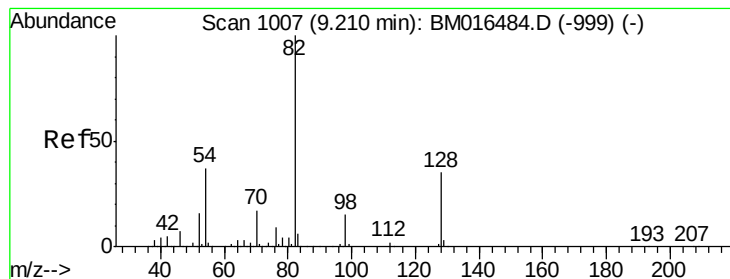
Ion 105.00 (104.70 to 105.70): E

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: 72.671 ng

RT: 9.19 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

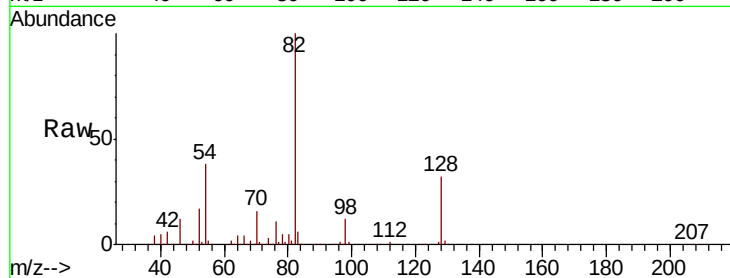
Tot Ion: 82 Resp: 539474

Ion Ratio Lower Upper

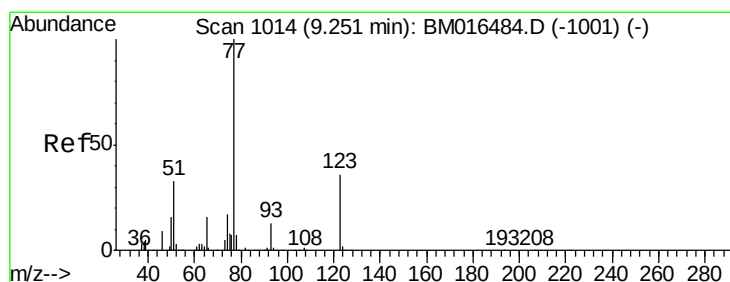
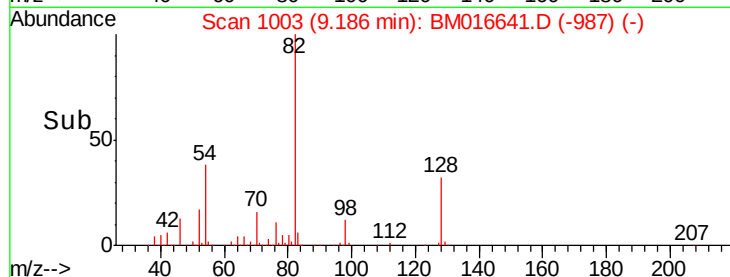
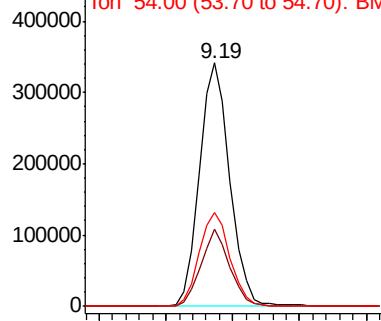
82 100

128 31.5 32.8 49.2#

54 38.3 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016641.D (-999) (-)



#24

Nitrobenzene

Concen: 42.359 ng

RT: 9.23 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

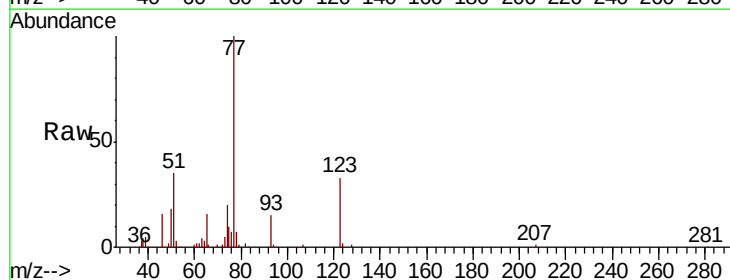
Tgt Ion: 77 Resp: 314188

Ion Ratio Lower Upper

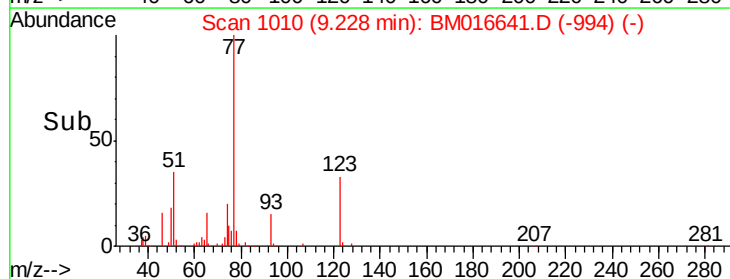
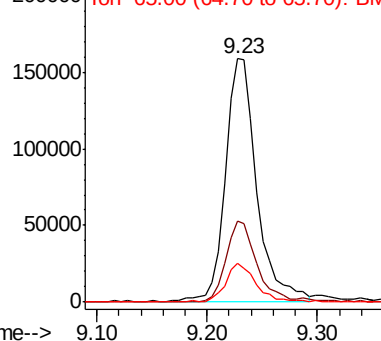
77 100

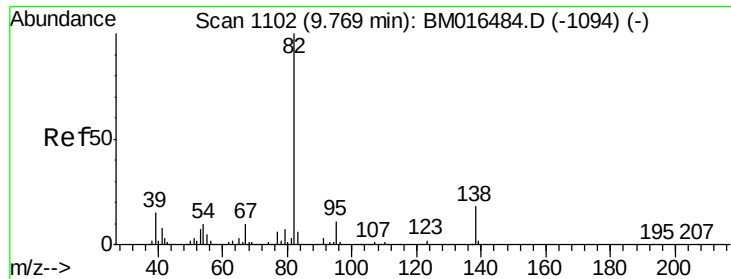
123 33.2 32.6 49.0

65 15.9 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BM016641.D (-1001) (-)





#25

Isophorone

Concen: 48.861 ng

RT: 9.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

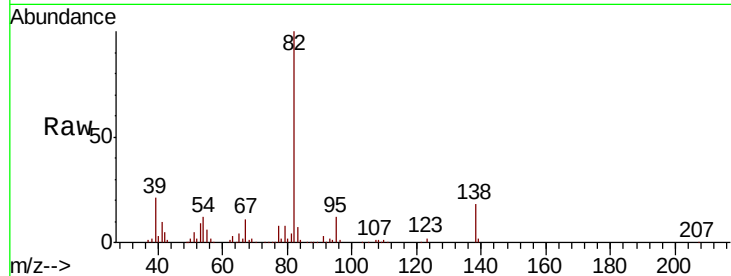
Tot Ion: 82 Resp: 484783

Ion Ratio Lower Upper

82 100

95 11.7 5.8 8.6#

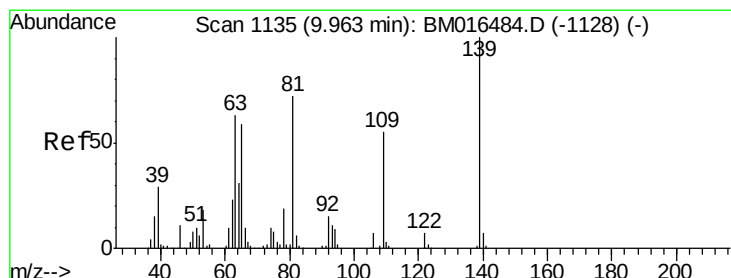
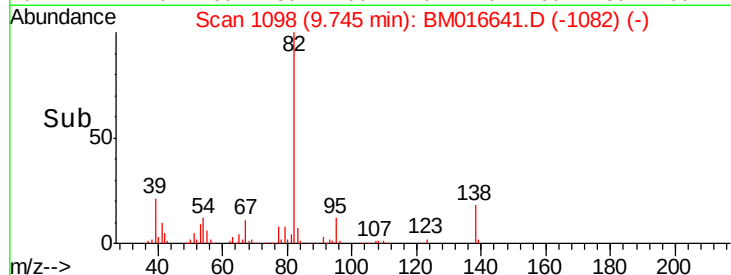
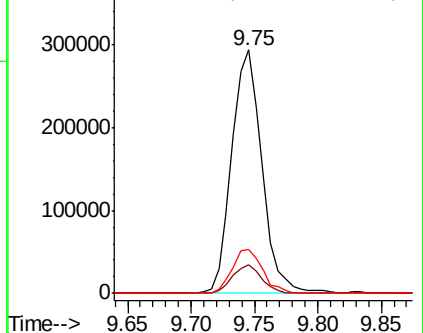
138 17.9 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016641.D (-1094) (-)

Ion 95.00 (94.70 to 95.70): BM016641.D (-1094) (-)

Ion 138.00 (137.70 to 138.70): BM016641.D (-1094) (-)



#26

2-Nitrophenol

Concen: 39.655 ng

RT: 9.94 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

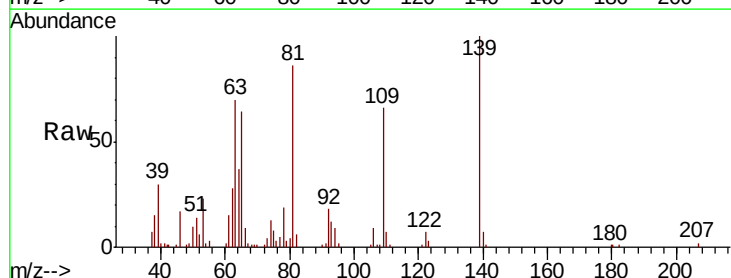
Tgt Ion: 139 Resp: 125742

Ion Ratio Lower Upper

139 100

109 66.3 20.1 30.1#

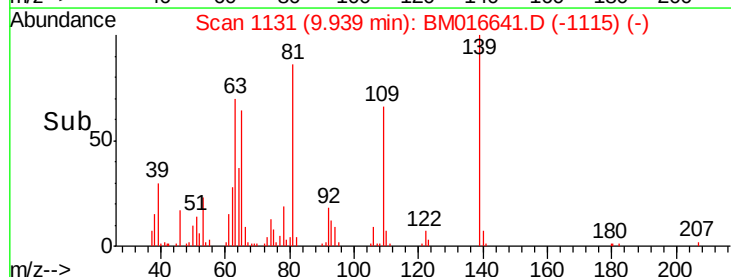
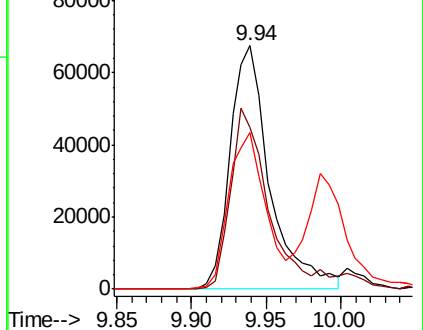
65 64.2 31.5 47.3#

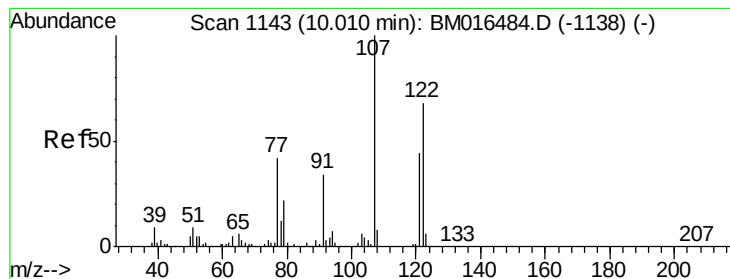


Abundance Ion 139.00 (138.70 to 139.70): BM016641.D (-1128) (-)

Ion 109.00 (108.70 to 109.70): BM016641.D (-1128) (-)

Ion 65.00 (64.70 to 65.70): BM016641.D (-1128) (-)





#27

2,4-Dimethylphenol

Concen: 48.409 ng

RT: 9.99 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

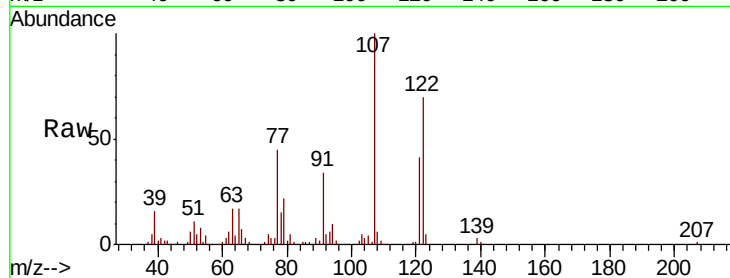
Tot Ion:122 Resp: 200040

Ion Ratio Lower Upper

122 100

107 142.6 84.7 127.1#

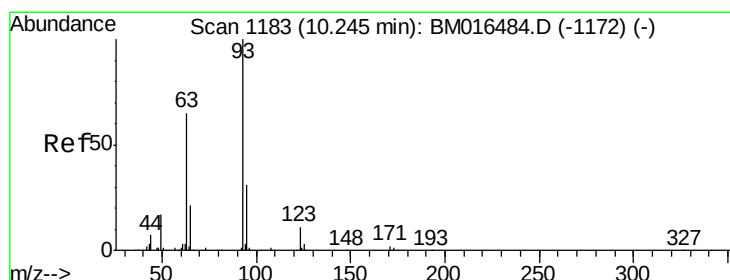
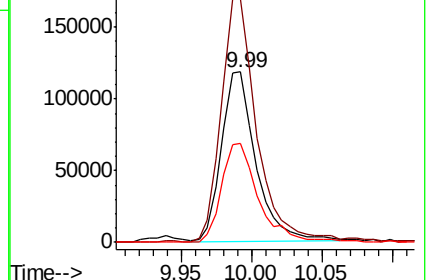
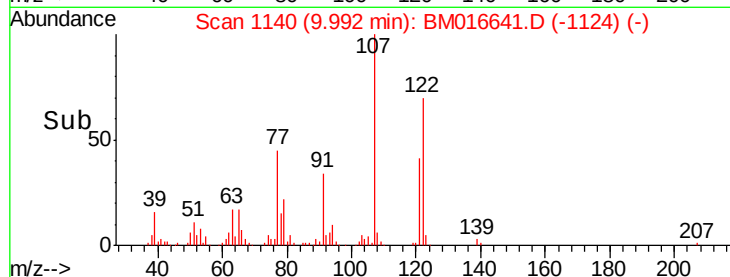
121 57.8 46.6 69.8



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: 42.800 ng

RT: 10.22 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

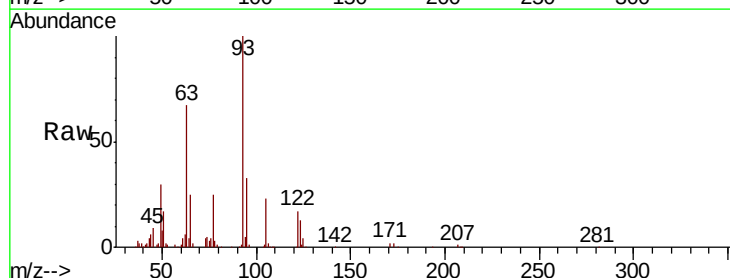
Tgt Ion: 93 Resp: 253485

Ion Ratio Lower Upper

93 100

95 33.2 25.5 38.3

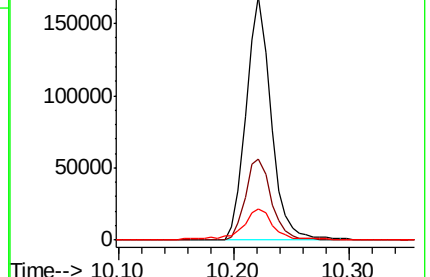
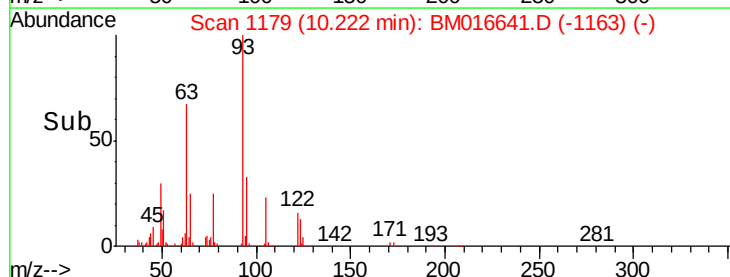
123 12.7 8.6 13.0

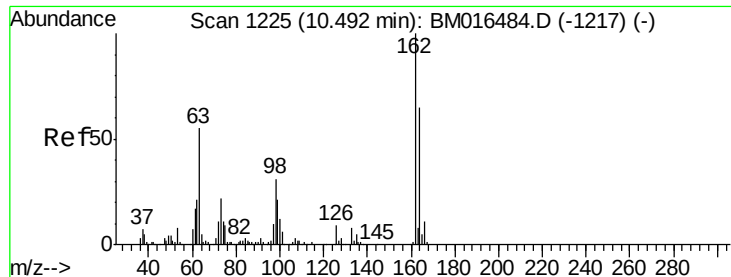


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

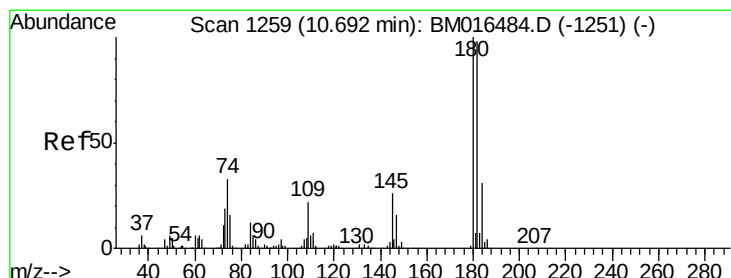
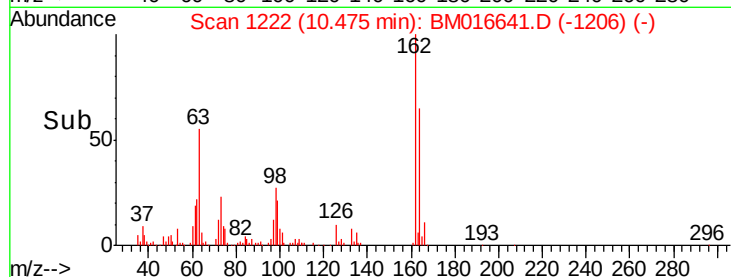
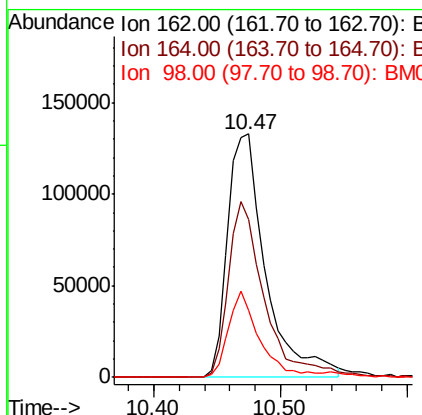
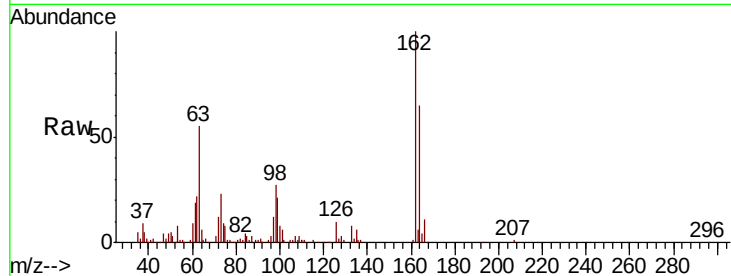




#29
 2,4-Dichlorophenol
 Concen: 44.747 ng
 RT: 10.47 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

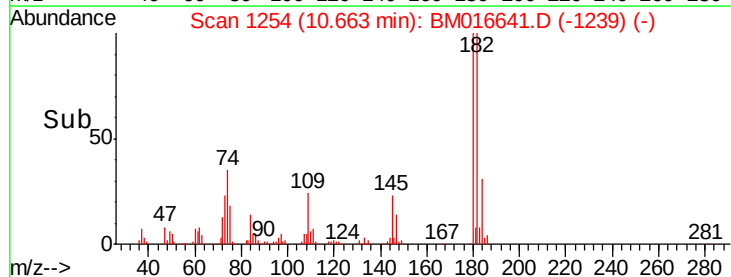
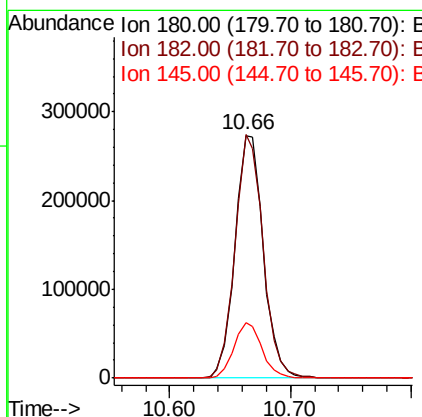
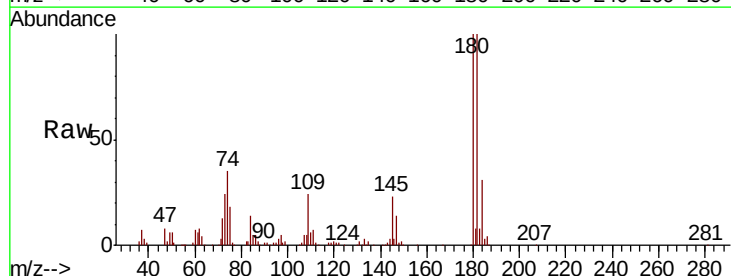
Instrument :
 BNA_M
 ClientSampleId :

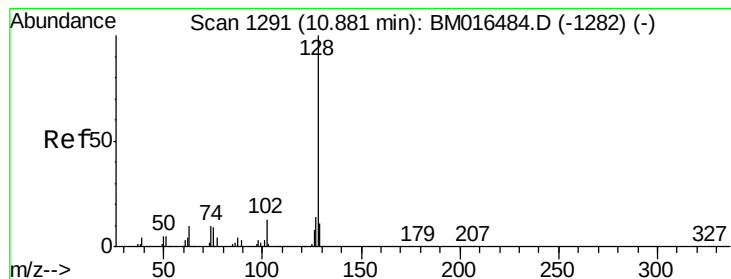
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.8	82.8
98	27.3	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 47.850 ng
 RT: 10.66 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.4	77.6	116.4
145	23.0	23.4	35.2#

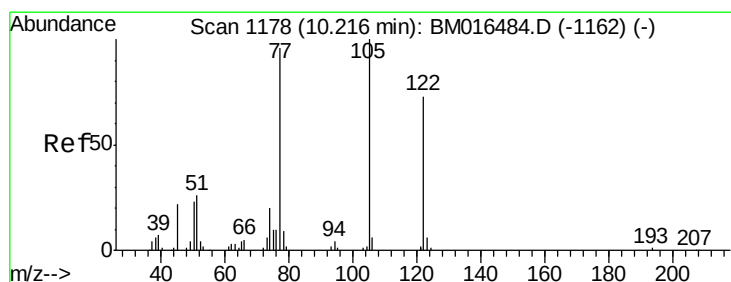
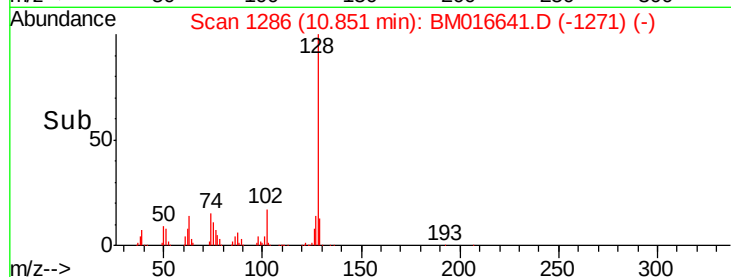
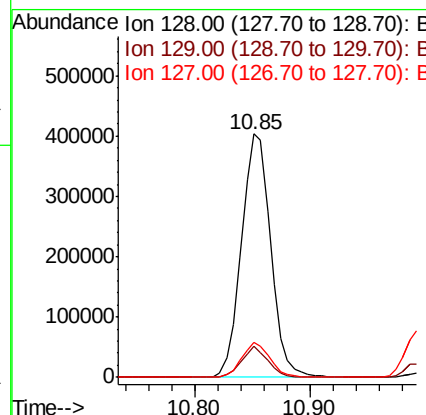
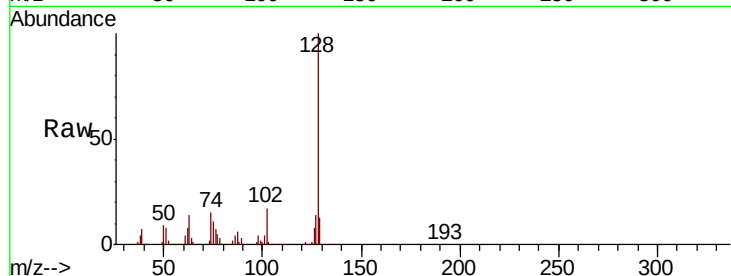




#31
Naphthalene
Concen: 43.901 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

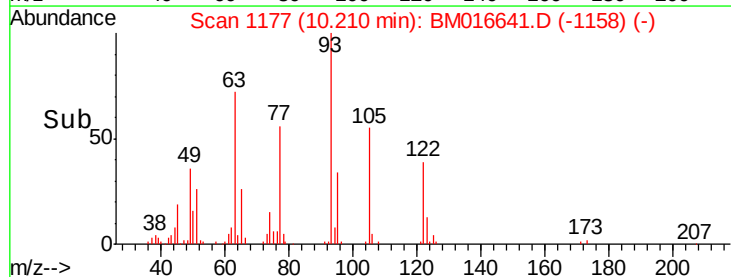
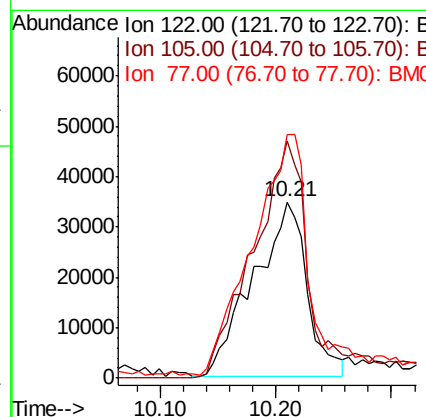
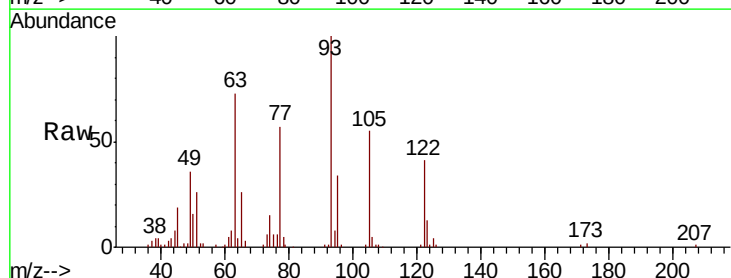
Instrument :
BNA_M
ClientSampleId :

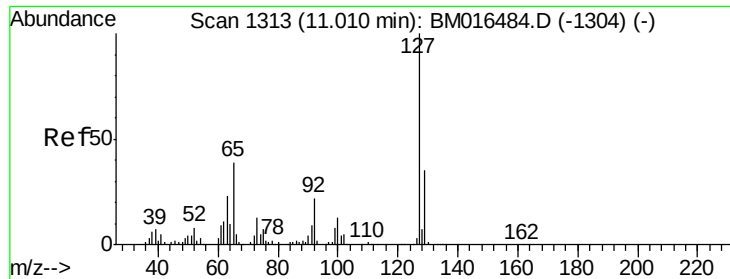
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.9	13.3
127	14.3	10.4	15.6



#32
Benzoic acid
Concen: 32.402 ng
RT: 10.21 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.5	99.9	139.9
77	138.4	73.7	113.7

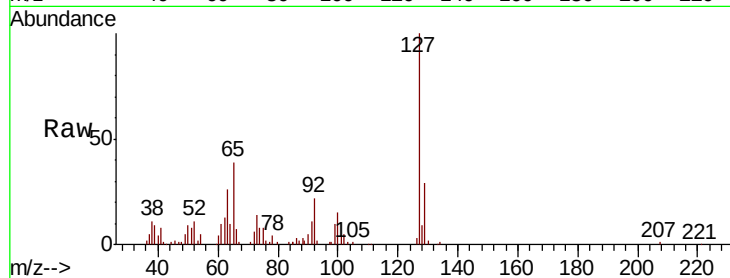




#33
4-Chloroaniline
Concen: 23.054 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	156682
Ion	Ratio	Lower	Upper
127	100		
129	28.9	25.3	37.9
65	39.4	17.6	26.4
92	21.5	13.1	19.7



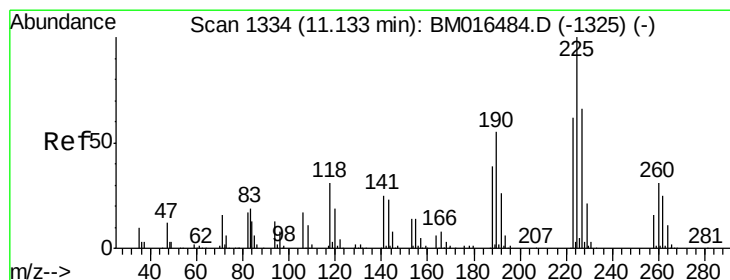
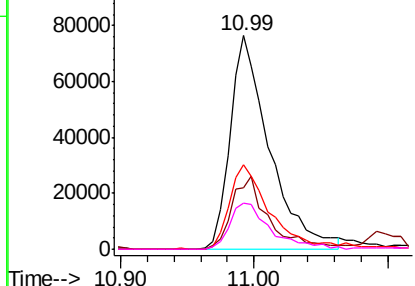
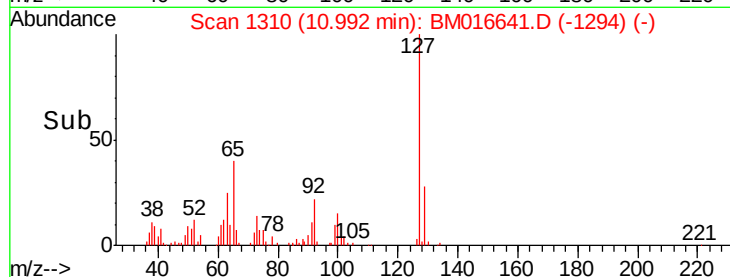
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

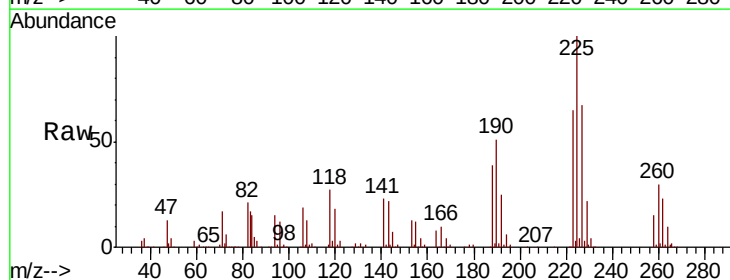
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 55.774 ng
RT: 11.10 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion:	225	Resp:	499571
Ion	Ratio	Lower	Upper
225	100		
223	65.0	47.9	71.9
227	66.9	50.1	75.1

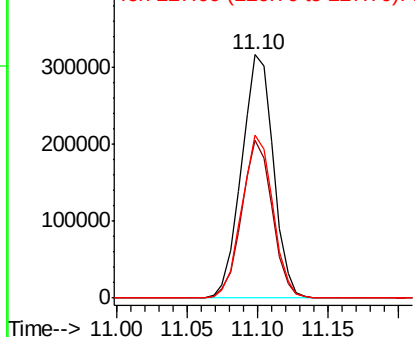
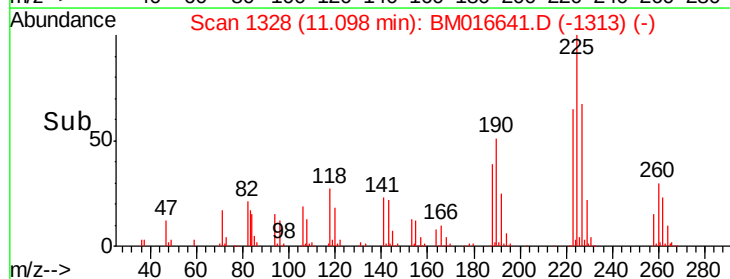


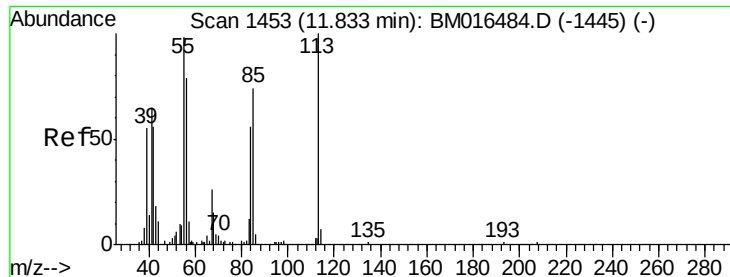
Abundance

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

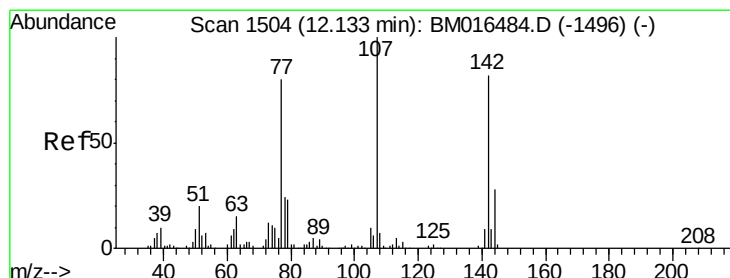
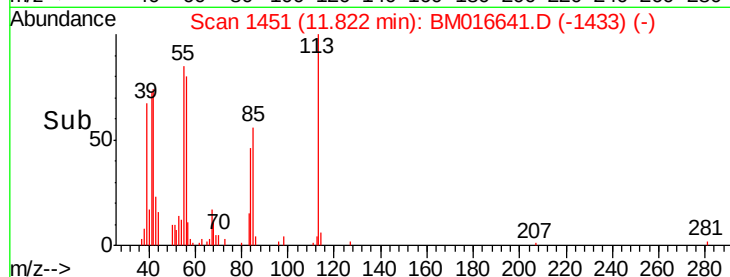
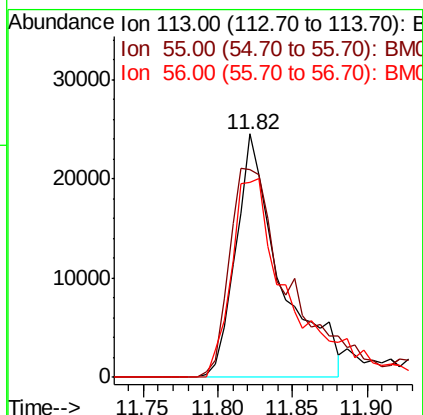
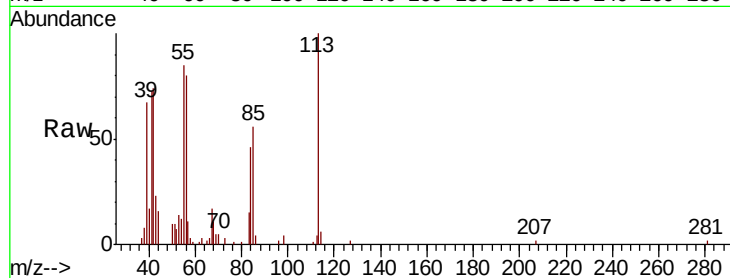




#35
 Caprolactam
 Concen: 34.270 ng
 RT: 11.82 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

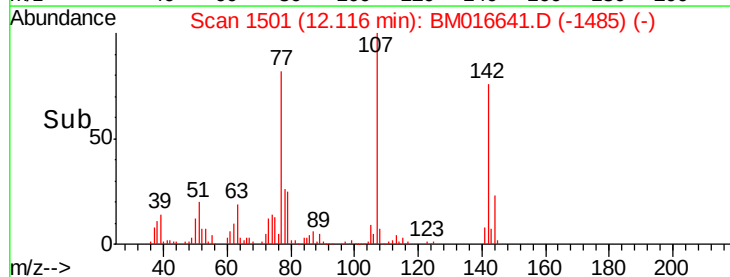
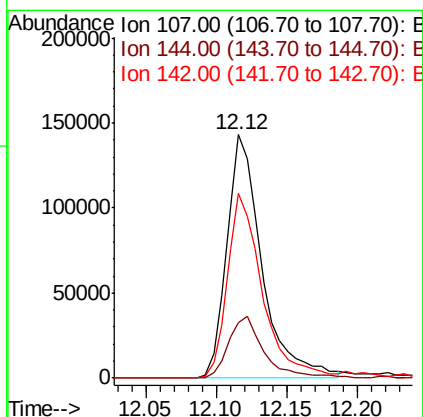
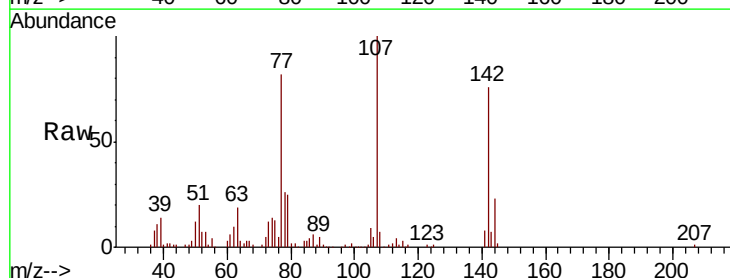
Instrument :
 BNA_M
 ClientSampleId :

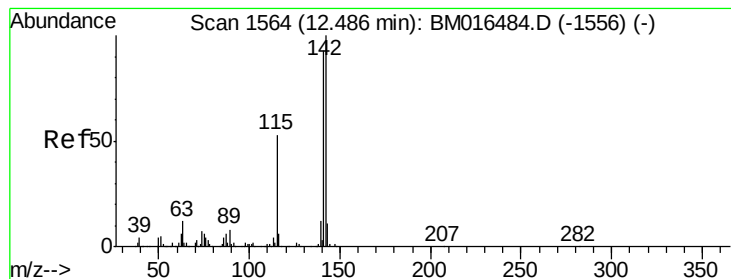
Tot Ion:113 Resp: 50858
 Ion Ratio Lower Upper
 113 100
 55 85.5 145.9 185.9#
 56 79.9 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 41.682 ng
 RT: 12.12 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion:107 Resp: 247826
 Ion Ratio Lower Upper
 107 100
 144 22.6 23.3 34.9#
 142 75.8 72.6 109.0





#37

2-Methylnaphthalene

Concen: 48.035 ng

RT: 12.46 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

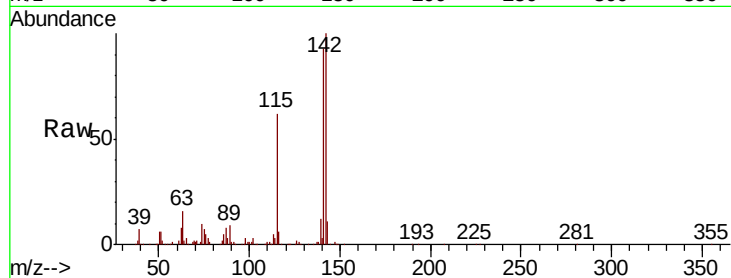
Tot Ion:142 Resp: 607268

Ion Ratio Lower Upper

142 100

141 92.8 71.9 107.9

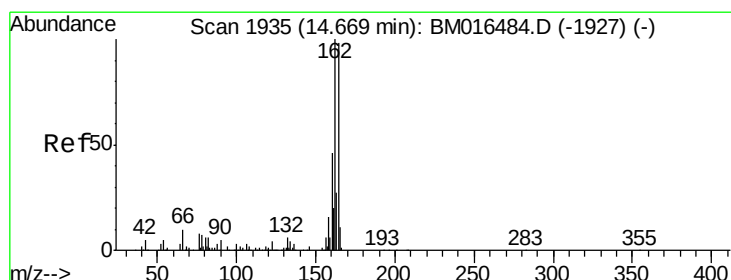
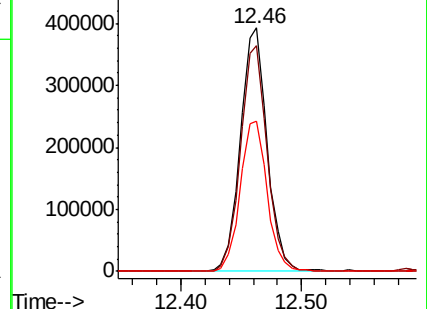
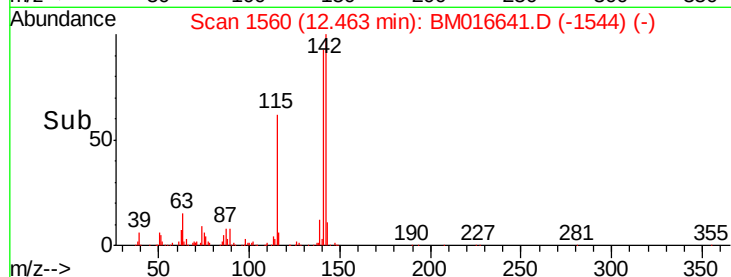
115 61.8 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

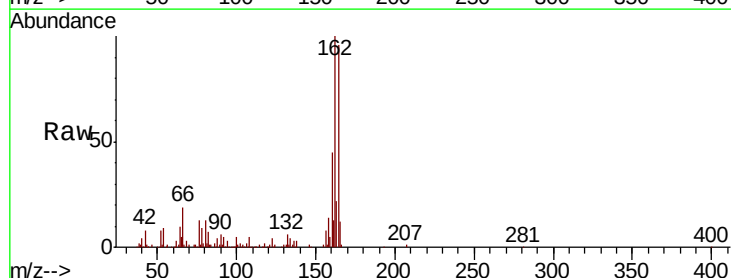
Tgt Ion:164 Resp: 258512

Ion Ratio Lower Upper

164 100

162 103.7 82.4 123.6

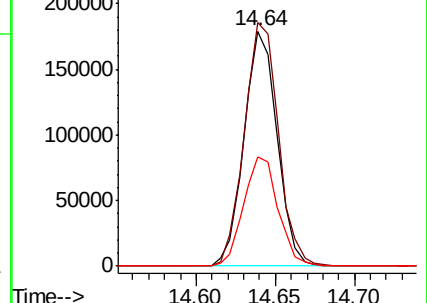
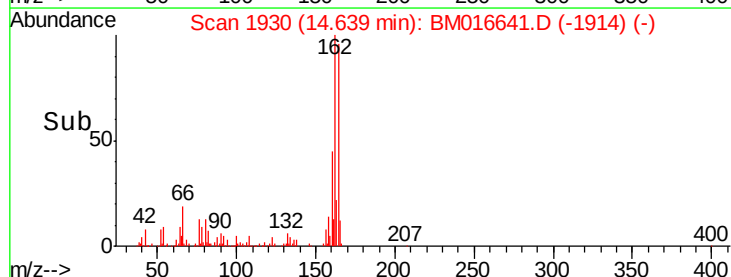
160 46.5 35.8 53.6

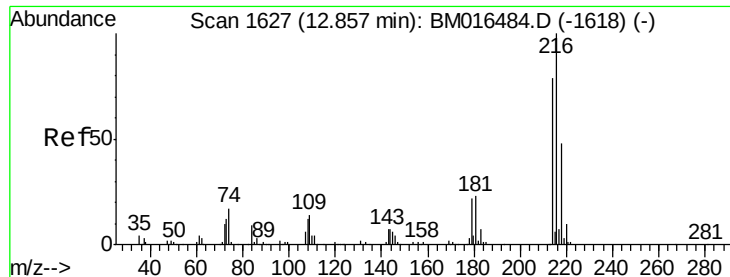


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.078 ng

RT: 12.83 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 760341

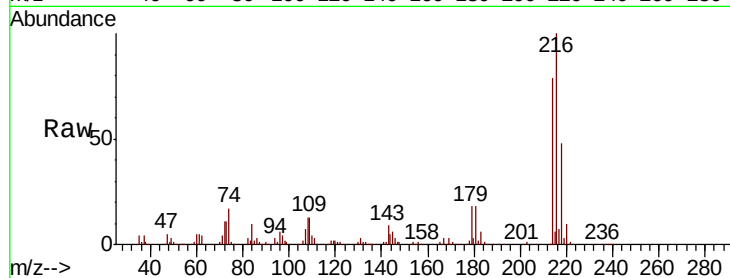
Ion Ratio Lower Upper

216 100

214 78.7 0.0 0.0#

179 19.4 0.0 0.0#

108 12.3 0.0 0.0#

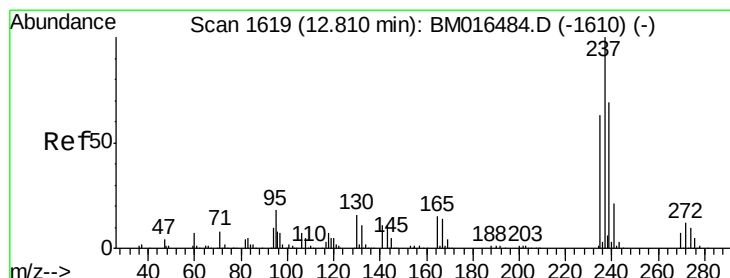
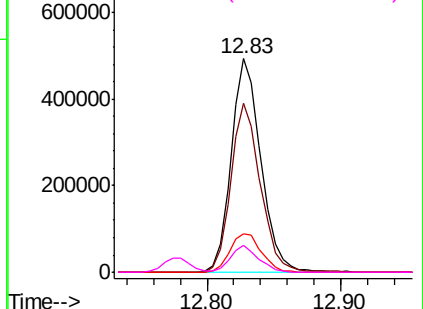
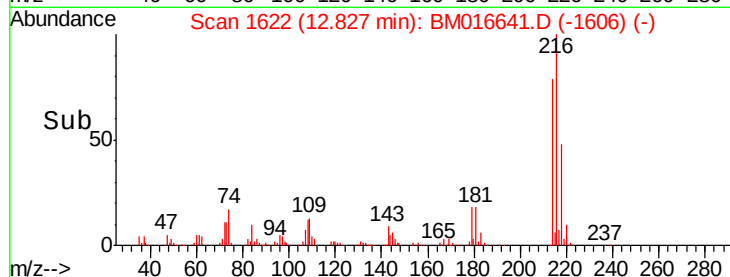


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 125.553 ng

RT: 12.78 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

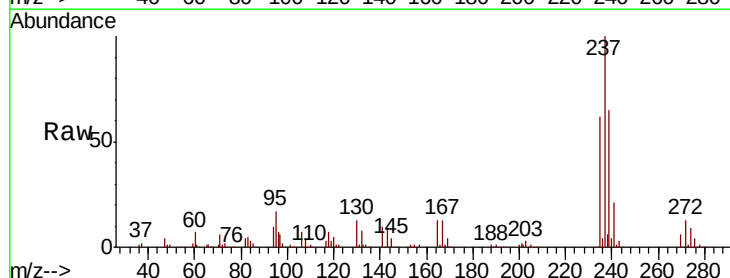
Tgt Ion:237 Resp: 1014664

Ion Ratio Lower Upper

237 100

235 62.3 42.0 82.0

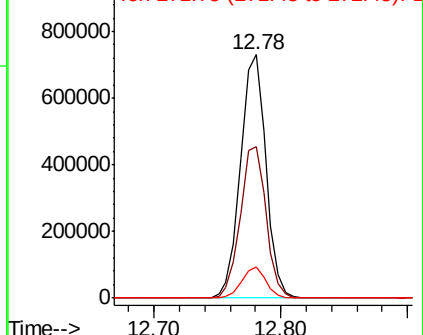
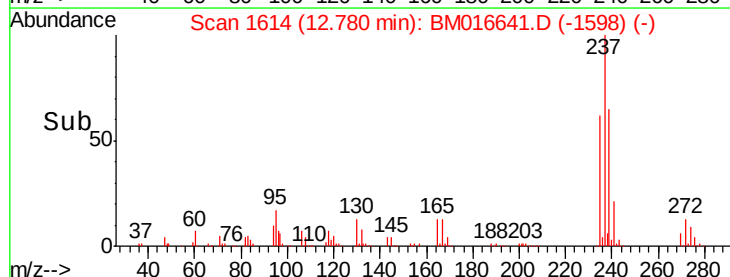
272 12.6 0.0 33.4

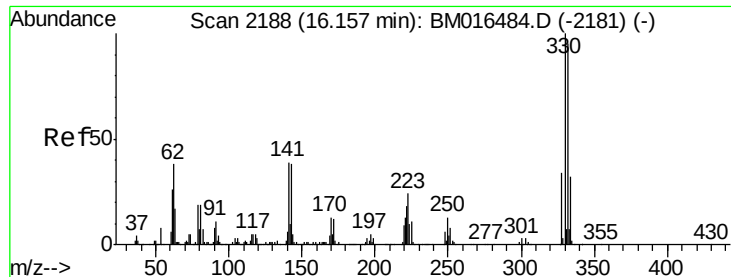


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

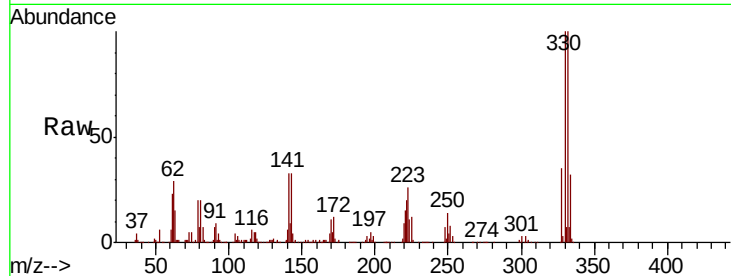




#41
 2,4,6-Tribromophenol
 Concen: 109.886 ng
 RT: 16.14 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	37.3	0.0	0.0#

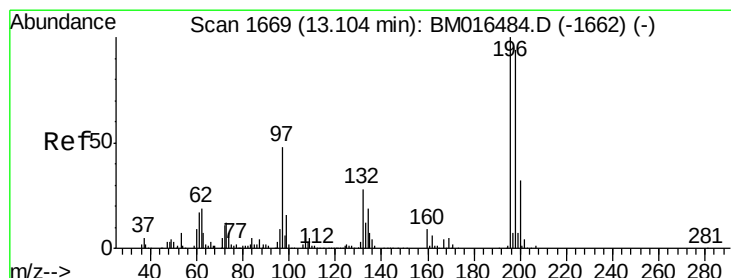
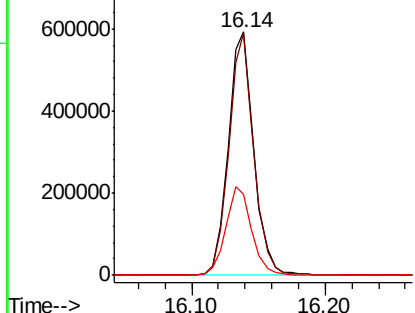
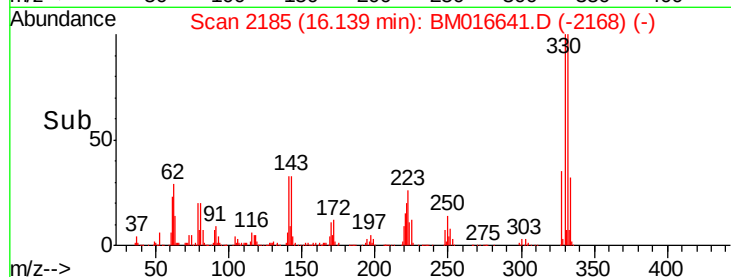


Abundance

Ion 329.80 (329.50 to 330.50): E

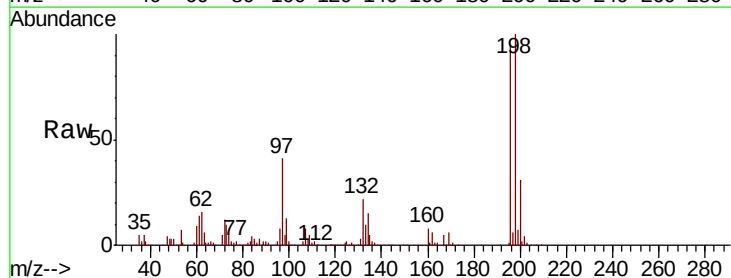
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 48.063 ng
 RT: 13.09 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	104.8	76.3	114.5
200	32.9	25.6	38.4

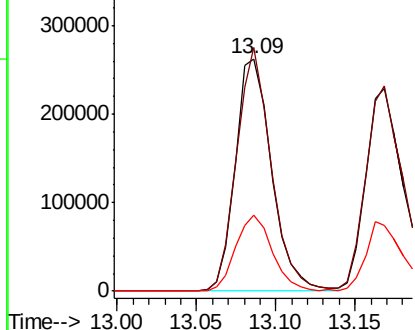
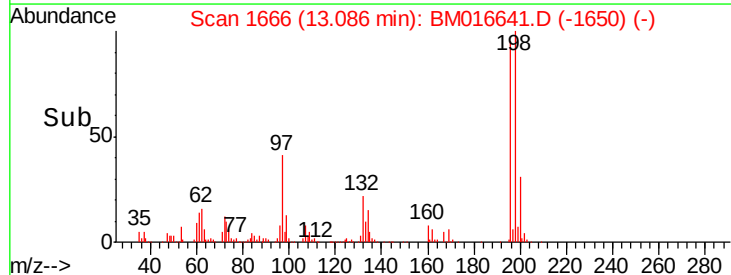


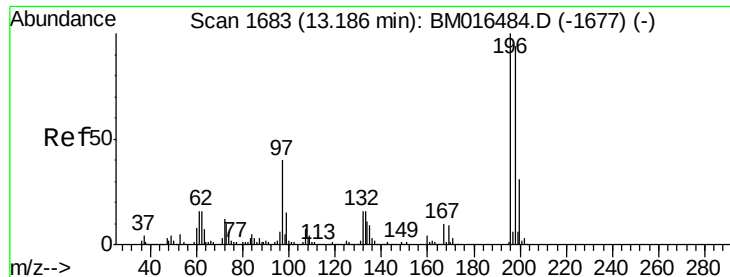
Abundance

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

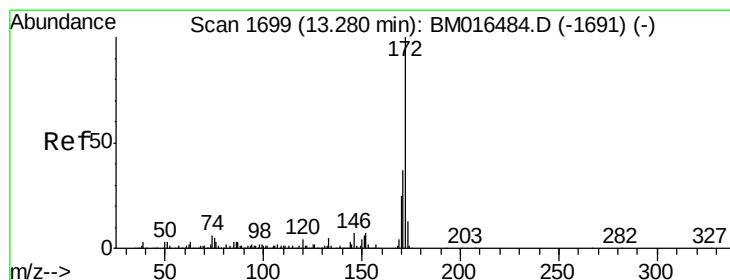
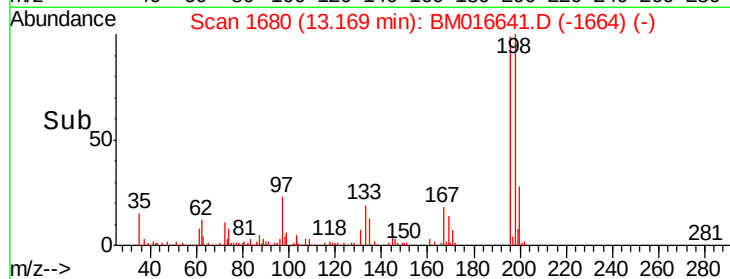
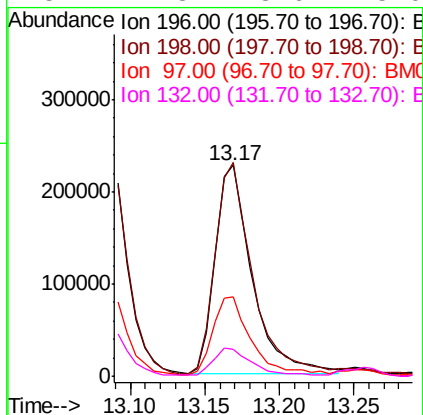
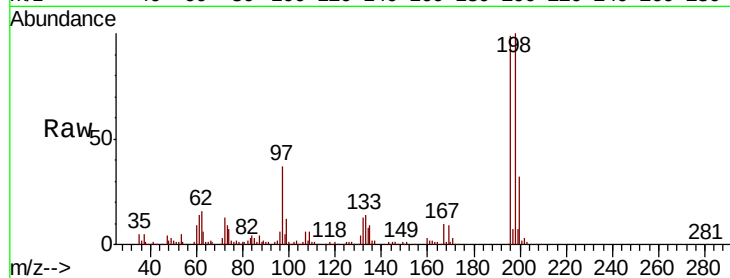




#43
 2,4,5-Trichlorophenol
 Concen: 46.152 ng
 RT: 13.17 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

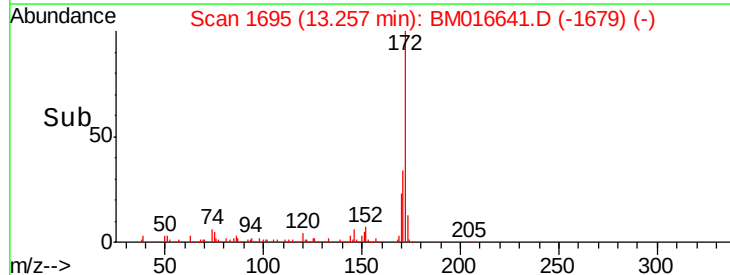
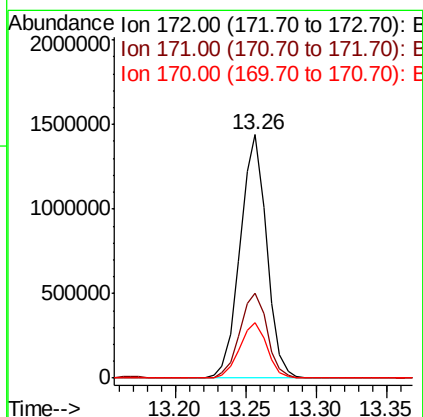
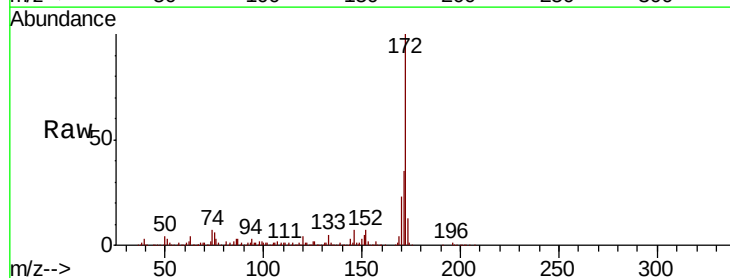
Instrument :
 BNA_M
 ClientSampleId :

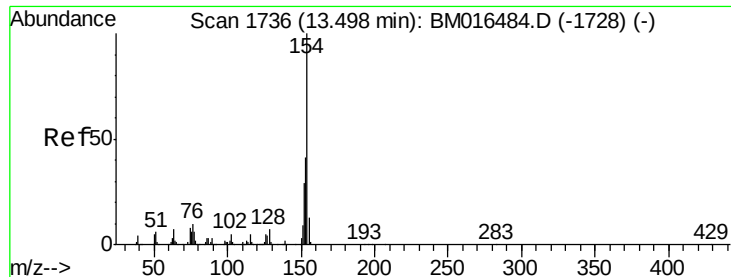
Tot Ion	196	Resp	393601
Ion Ratio	100	Lower	Upper
196	100		
198	101.3	79.4	119.0
97	37.6	26.8	40.2
132	12.8	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 70.230 ng
 RT: 13.26 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion	172	Resp	1888757
Ion Ratio	100	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.0	18.8	28.2

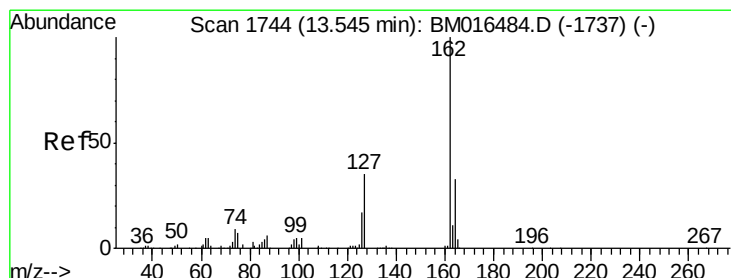
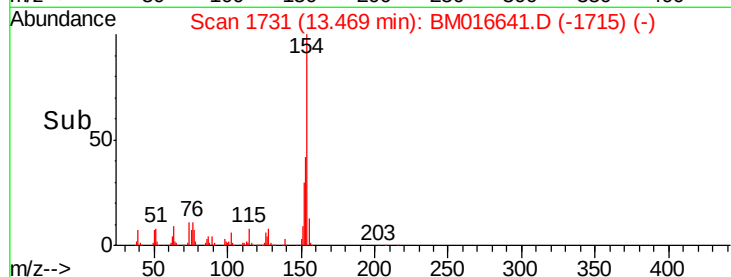
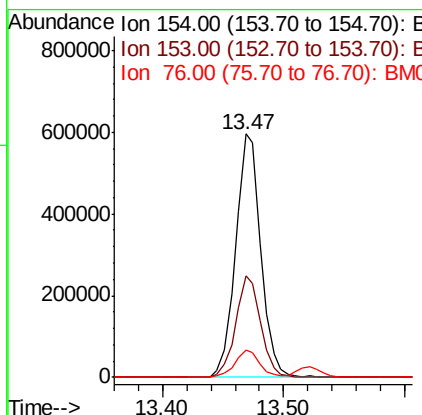
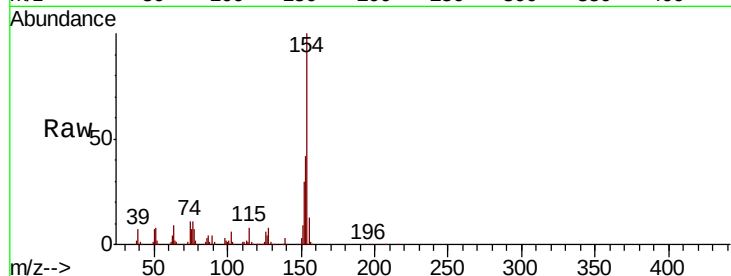




#45
 1,1'-Biphenyl
 Concen: 38.100 ng
 RT: 13.47 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

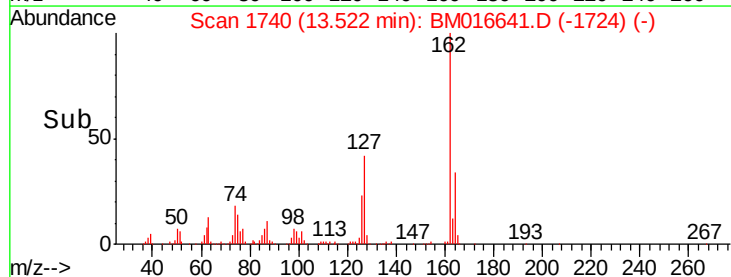
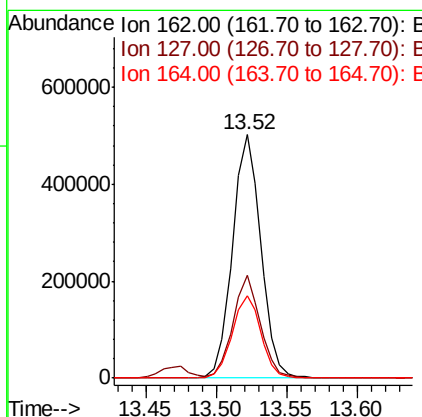
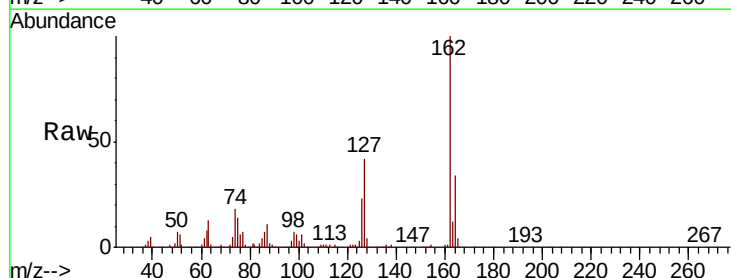
Instrument :
 BNA_M
 ClientSampleId :

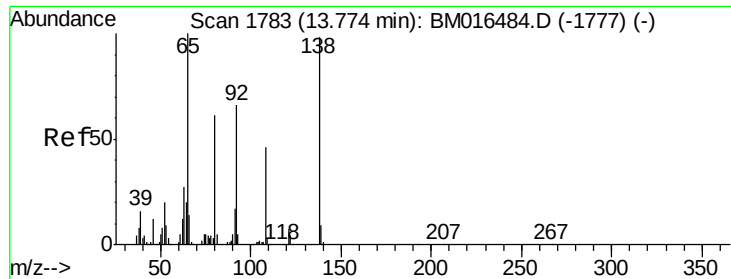
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.7	60.7
76	11.0	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 38.202 ng
 RT: 13.52 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	26.9	40.3#
164	33.6	26.8	40.2

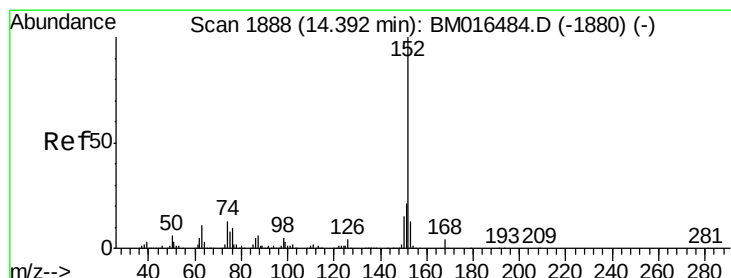
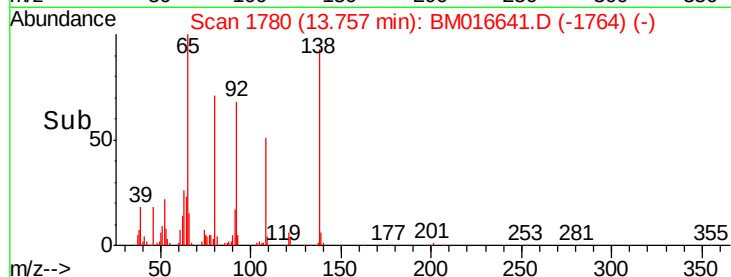
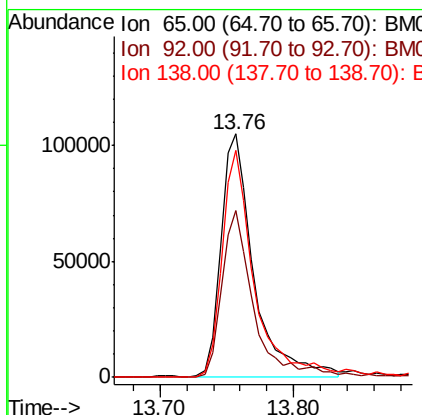
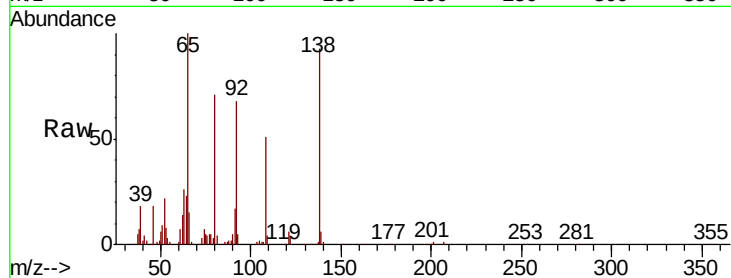




#47
2-Nitroaniline
Concen: 37.174 ng
RT: 13.76 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

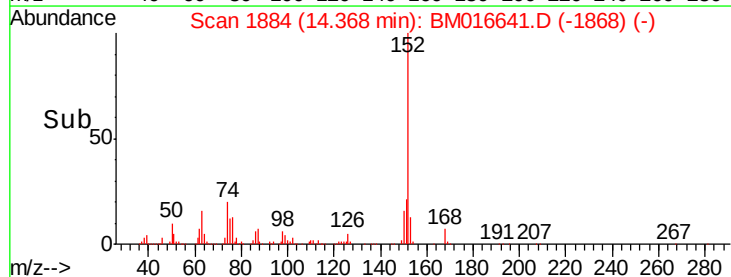
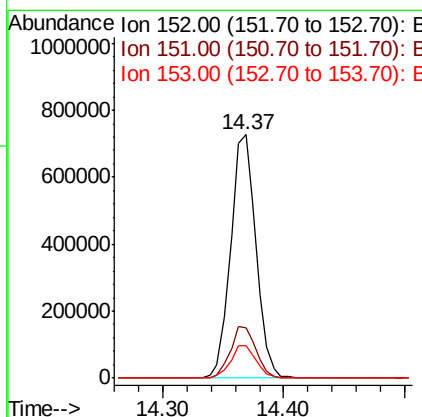
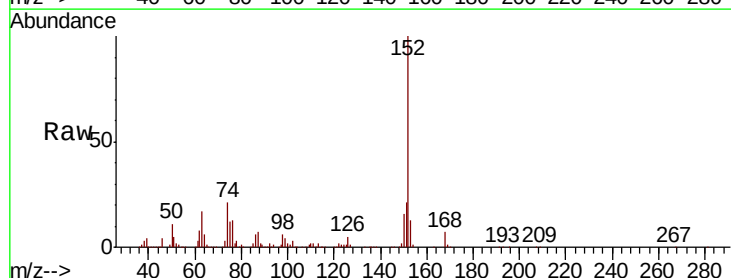
Instrument :
BNA_M
ClientSampleId :

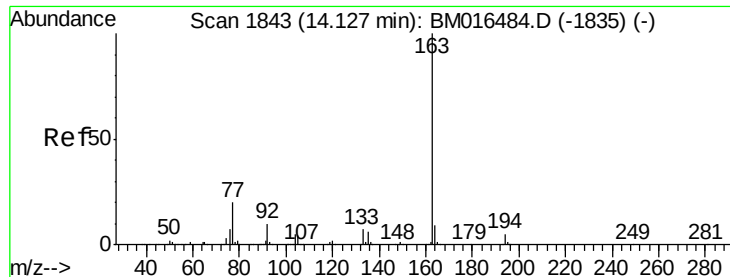
Tot Ion	Ratio	Lower	Upper
65	100		
92	68.3	59.1	88.7
138	93.0	93.9	140.9



#48
Acenaphthylene
Concen: 40.812 ng
RT: 14.37 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.9	23.9
153	13.2	10.6	16.0





#49

Dimethylphthalate

Concen: 40.324 ng

RT: 14.10 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampled :

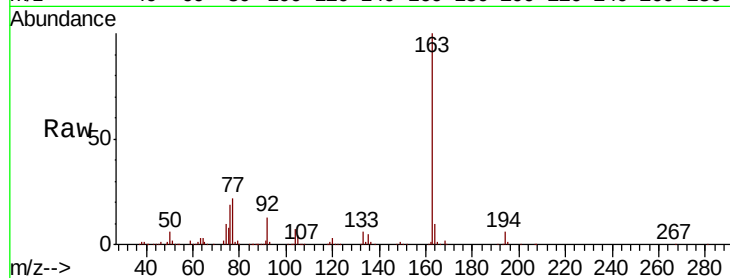
Tot Ion:163 Resp: 1001488

Ion Ratio Lower Upper

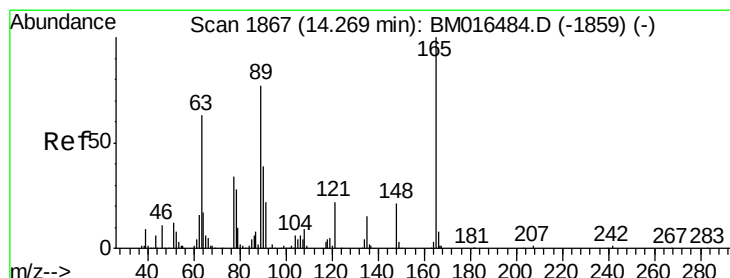
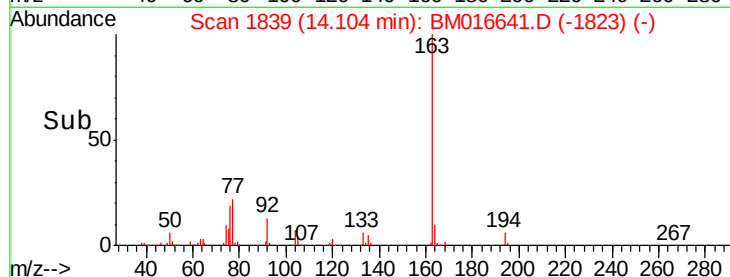
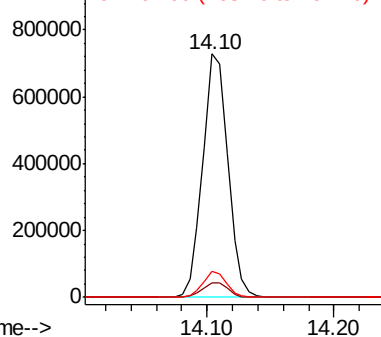
163 100

194 5.8 2.7 4.1#

164 10.5 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 38.833 ng

RT: 14.25 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

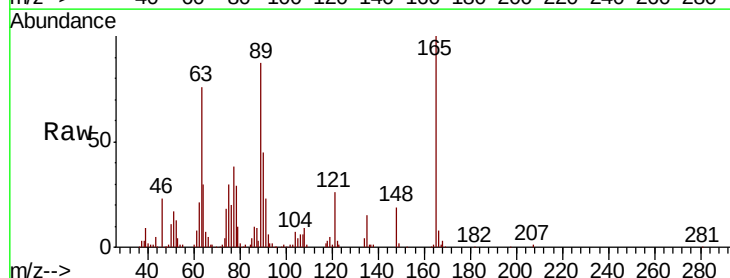
Tgt Ion:165 Resp: 188115

Ion Ratio Lower Upper

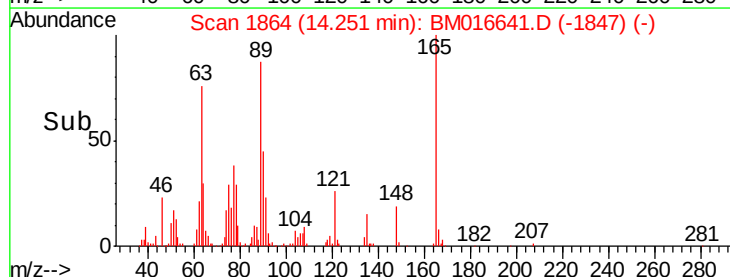
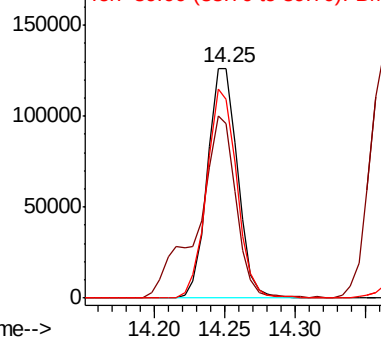
165 100

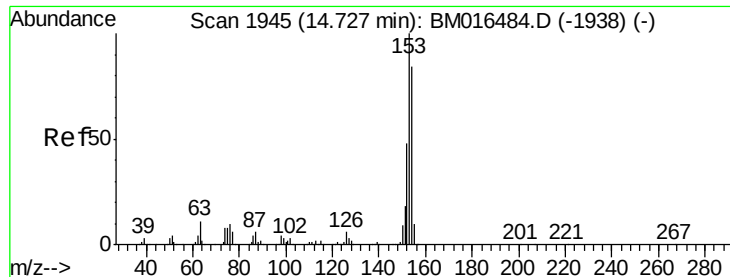
63 76.2 44.1 66.1#

89 86.6 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 39.383 ng

RT: 14.70 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

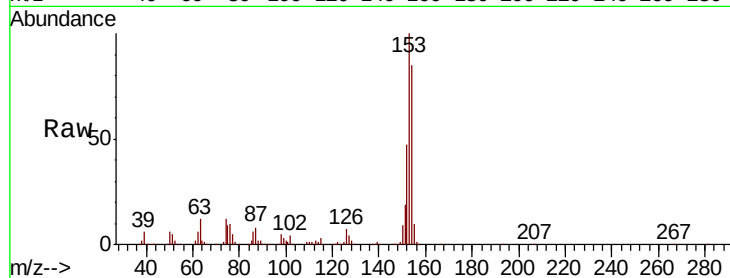
Tot Ion:154 Resp: 628958

Ion Ratio Lower Upper

154 100

153 118.2 90.0 135.0

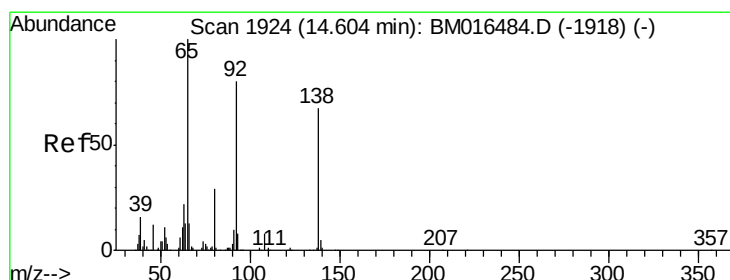
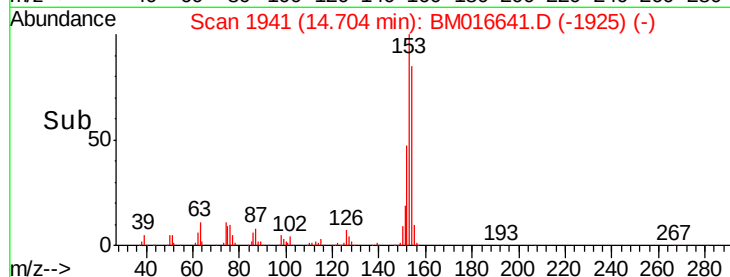
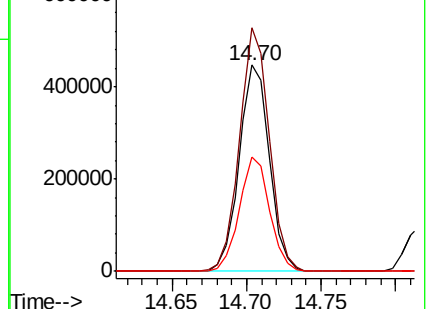
152 55.5 42.6 63.8



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



#52

3-Nitroaniline

Concen: 23.754 ng

RT: 14.59 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

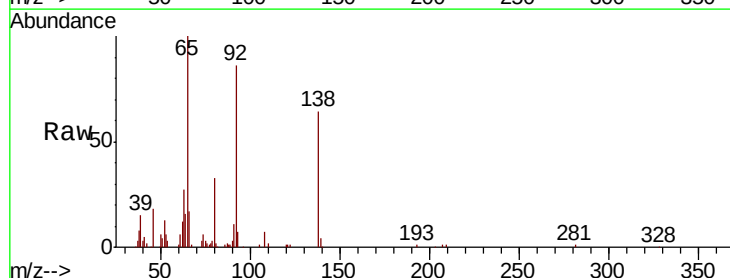
Tgt Ion:138 Resp: 104702

Ion Ratio Lower Upper

138 100

108 10.8 7.3 10.9

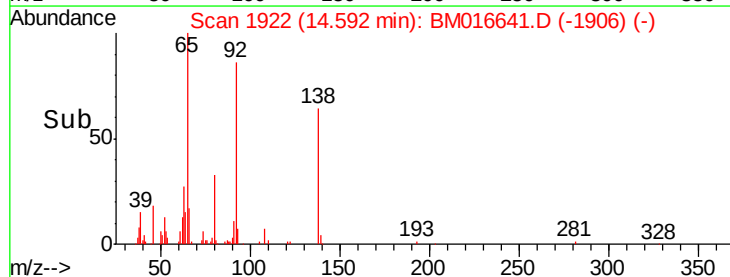
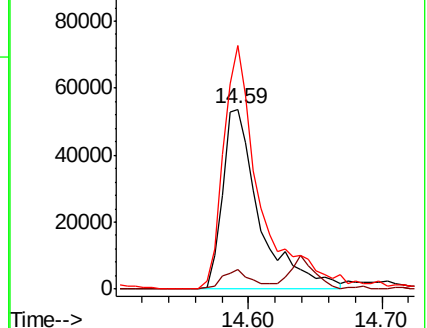
92 135.2 76.6 114.8#

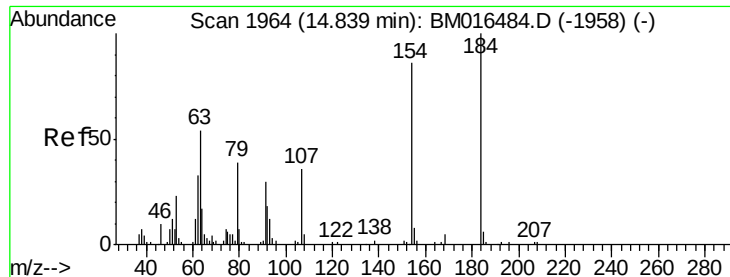


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

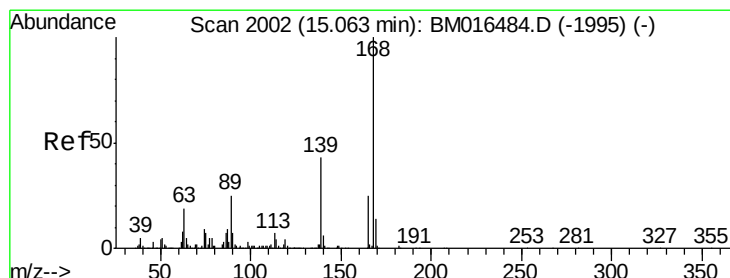
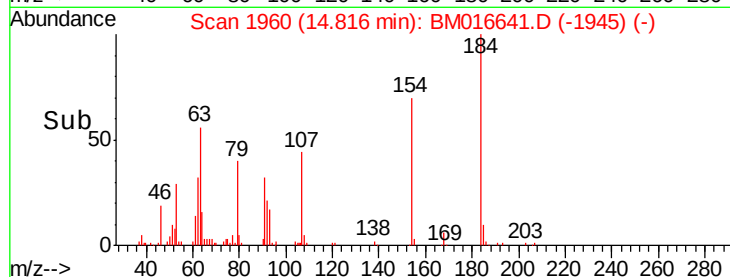
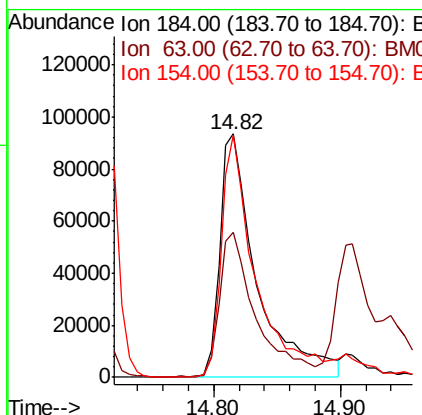
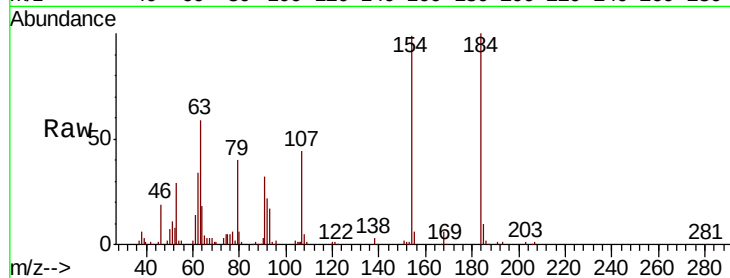




#53
 2,4-Dinitrophenol
 Concen: 78.237 ng
 RT: 14.82 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

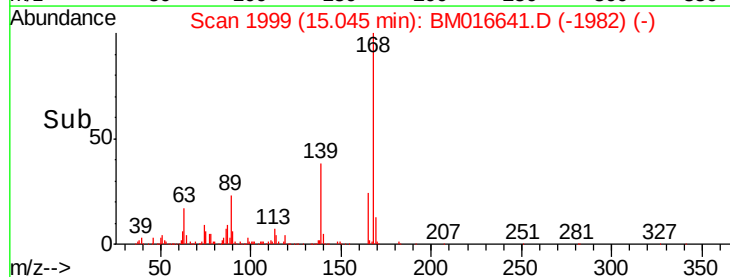
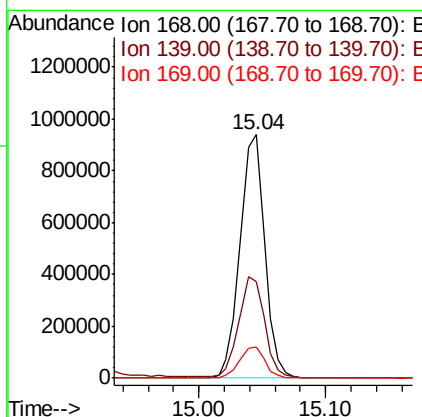
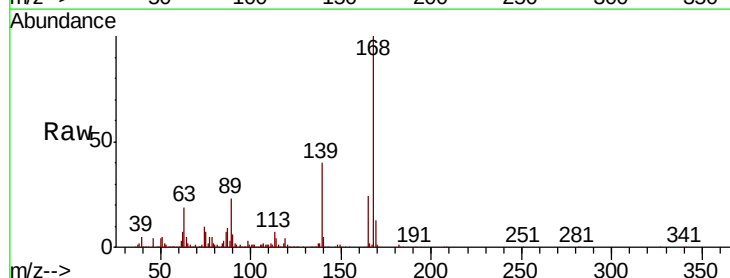
Instrument :
 BNA_M
 ClientSampleId :

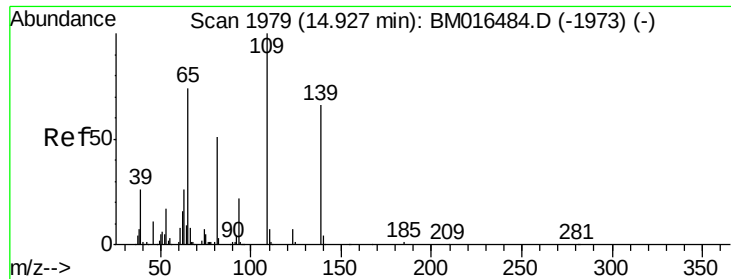
Tot Ion:184 Resp: 189666
 Ion Ratio Lower Upper
 184 100
 63 59.4 69.2 103.8#
 154 99.4 53.3 79.9#



#54
 Dibenzofuran
 Concen: 41.564 ng
 RT: 15.04 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion:168 Resp: 1270718
 Ion Ratio Lower Upper
 168 100
 139 39.7 27.3 40.9
 169 12.8 10.6 16.0

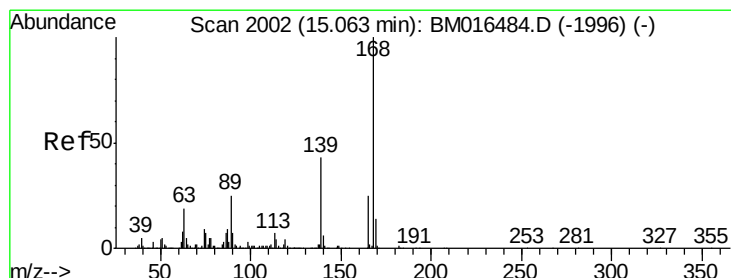
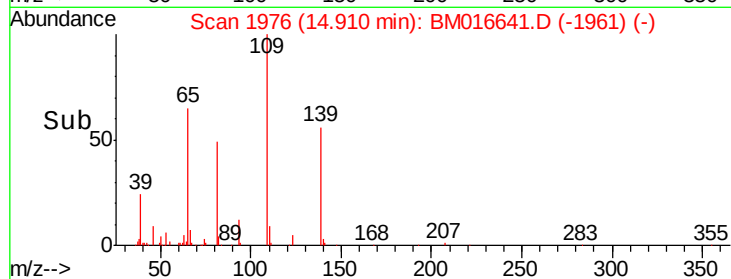
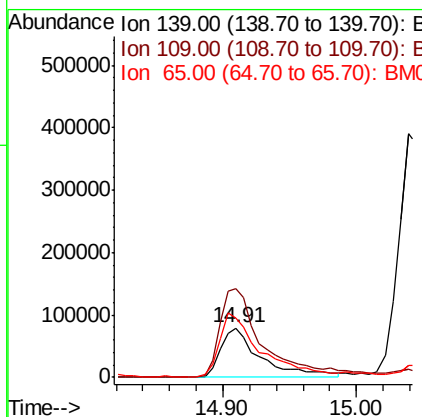
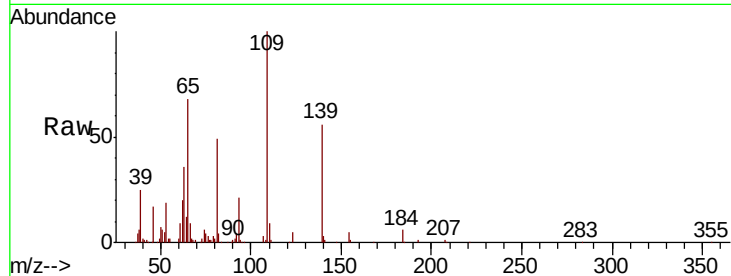




#55
4-Nitrophenol
Concen: 59.684 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

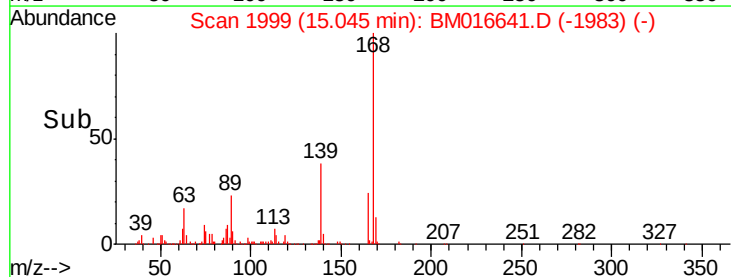
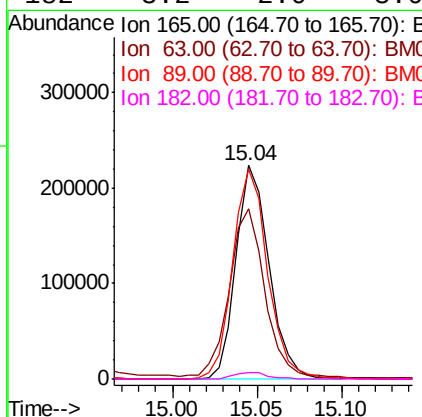
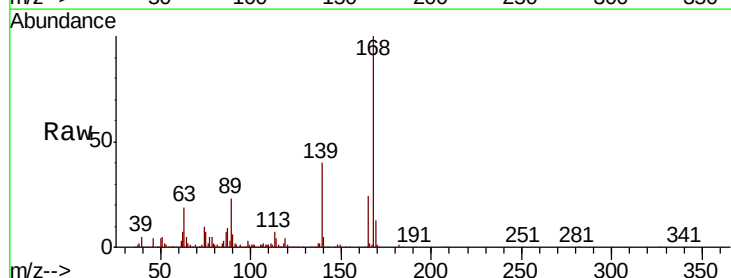
Instrument :
BNA_M
ClientSampleId :

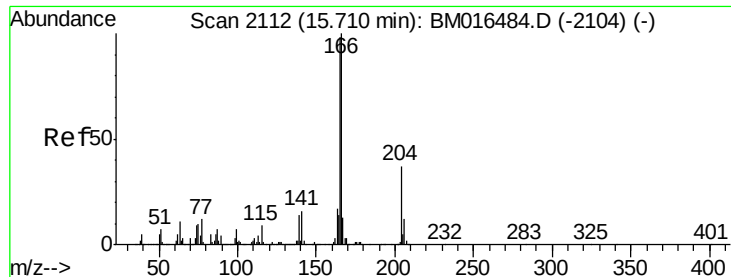
Tot Ion:139 Resp: 167793
Ion Ratio Lower Upper
139 100
109 180.2 130.0 170.0#
65 121.7 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 37.801 ng
RT: 15.04 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion:165 Resp: 305354
Ion Ratio Lower Upper
165 100
63 79.7 52.4 78.6#
89 98.3 72.4 108.6
182 3.2 2.0 3.0#

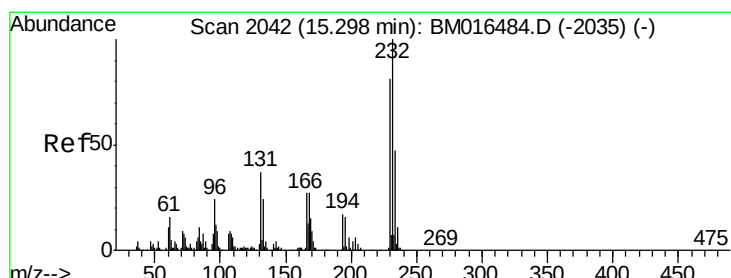
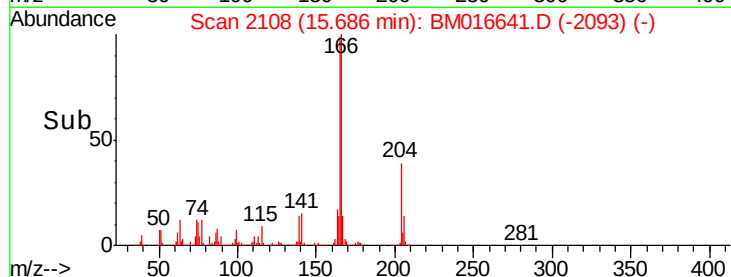
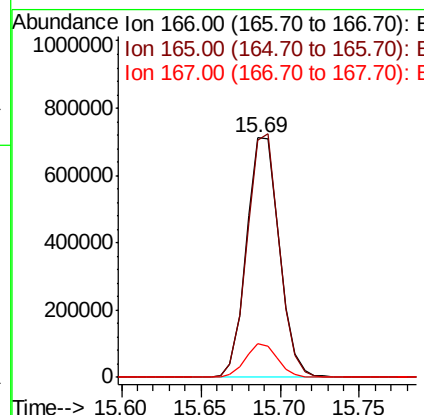
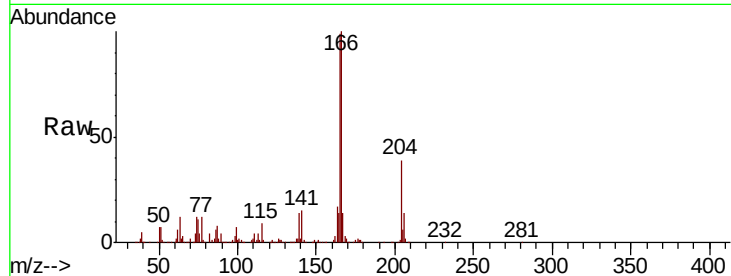




#57
 Fluorene
 Concen: 44.302 ng
 RT: 15.69 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

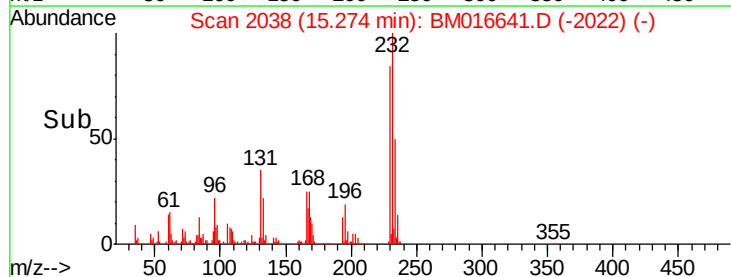
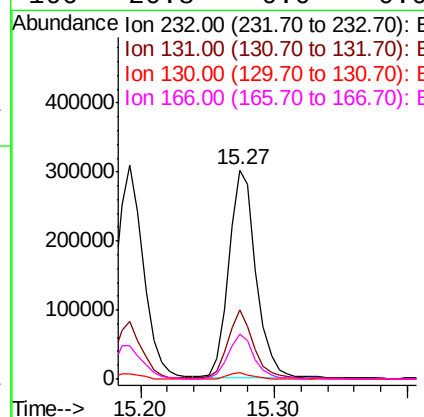
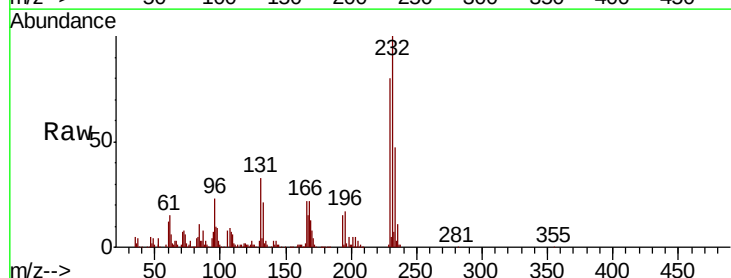
Instrument :
 BNA_M
 ClientSampleId :

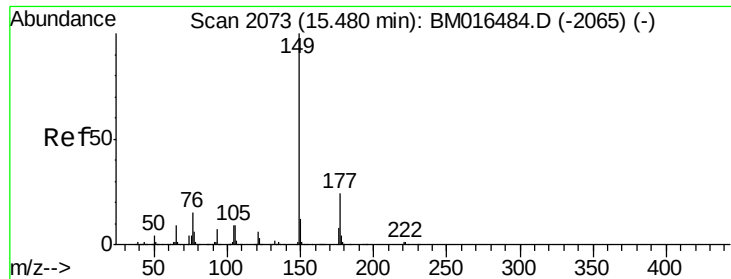
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.0	118.4
167	13.9	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.669 ng
 RT: 15.27 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
232	100		
131	30.6	0.0	0.0#
130	2.7	0.0	0.0#
166	20.8	0.0	0.0#

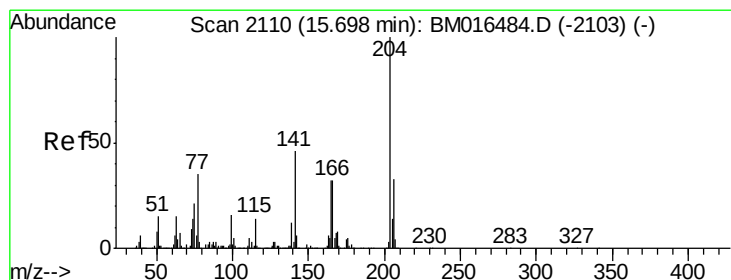
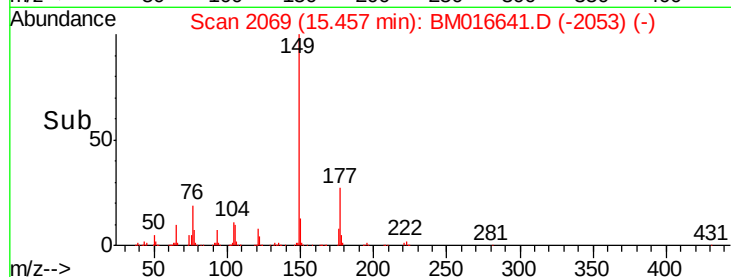
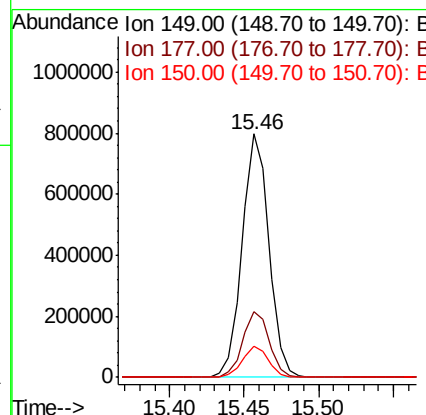
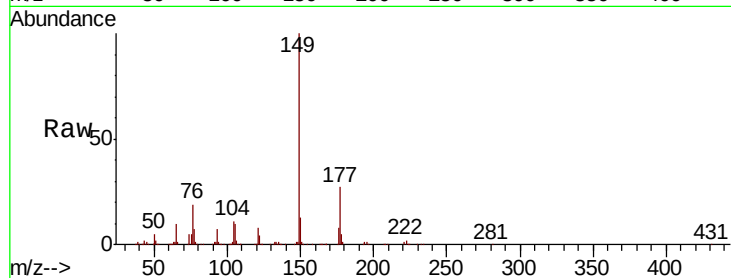




#59
Diethylphthalate
Concen: 38.422 ng
RT: 15.46 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

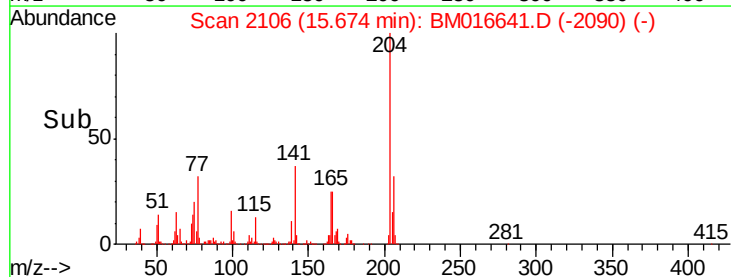
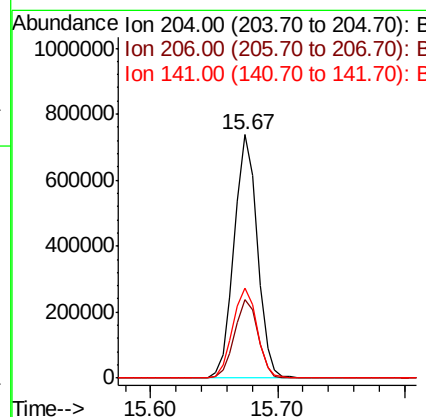
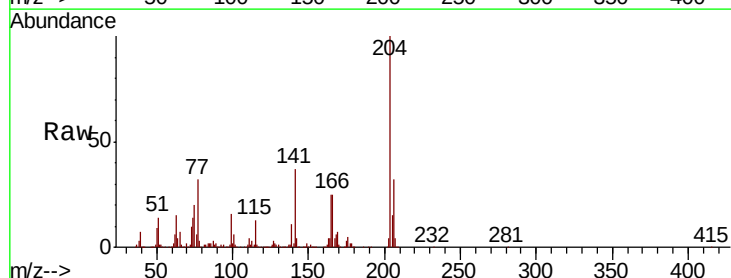
Instrument :
BNA_M
ClientSampleId :

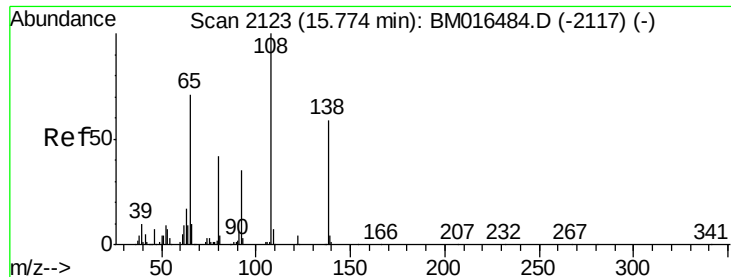
Tot Ion	Ratio	Lower	Upper
149	100		
177	26.7	18.3	27.5
150	12.8	9.8	14.8



#60
4-Chlorophenyl-phenylether
Concen: 48.021 ng
RT: 15.67 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	39.8
141	37.2	45.2	67.8#

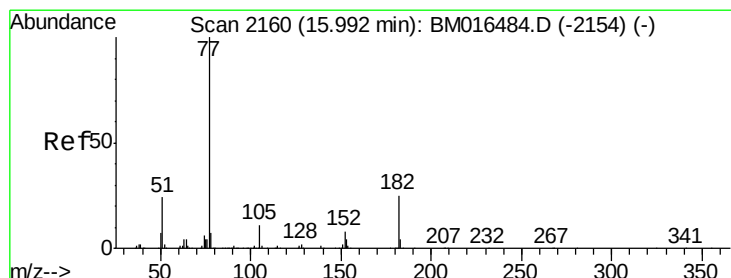
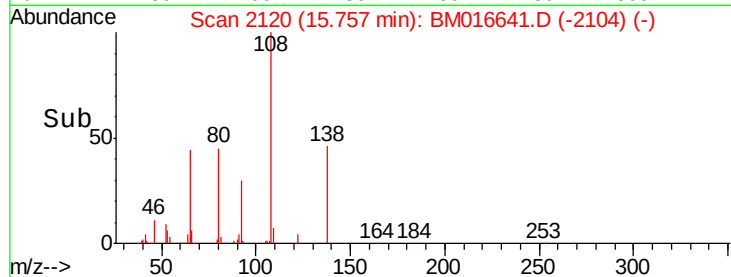
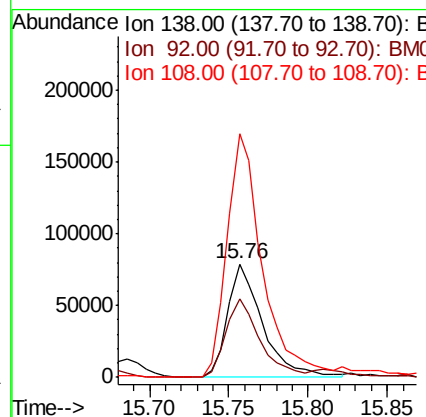
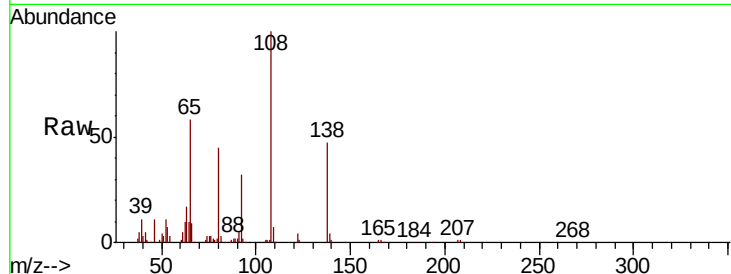




#61
4-Nitroaniline
Concen: 28.185 ng
RT: 15.76 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

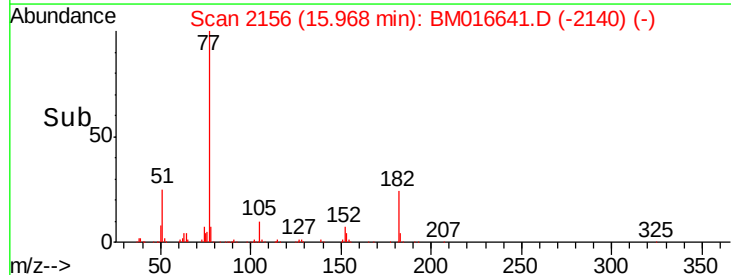
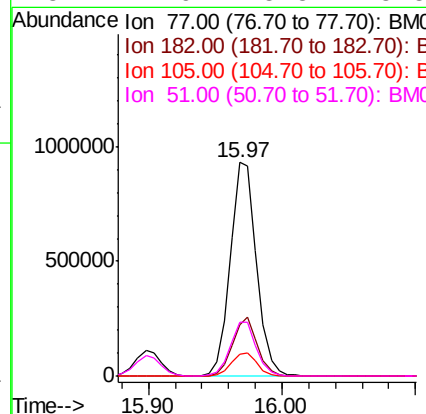
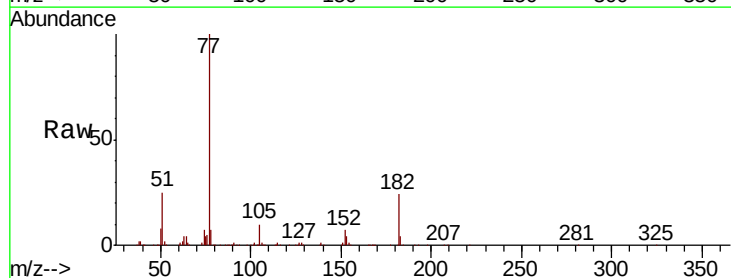
Instrument :
BNA_M
ClientSampled :

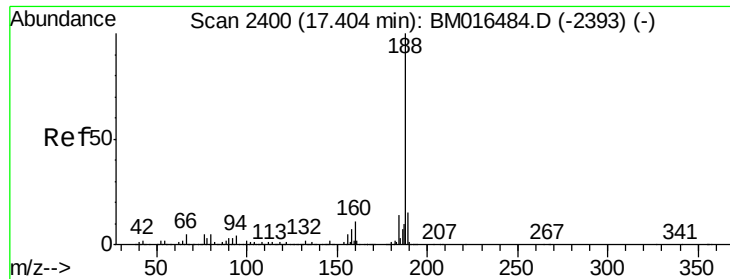
Tot Ion:138 Resp: 121415
Ion Ratio Lower Upper
138 100
92 69.2 16.7 56.7#
108 214.2 37.6 77.6#



#62
Azobenzene
Concen: 46.380 ng
RT: 15.97 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion: 77 Resp: 1279278
Ion Ratio Lower Upper
77 100
182 24.3 6.5 46.5
105 10.5 3.8 43.8
51 24.9 5.5 45.5

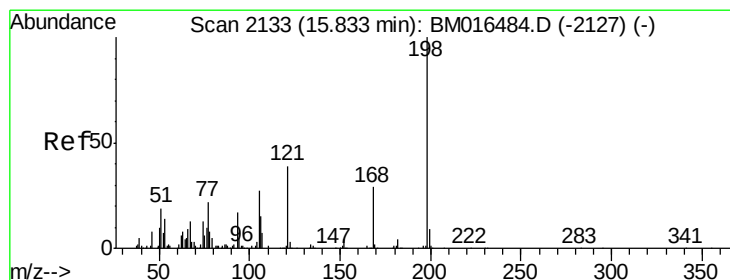
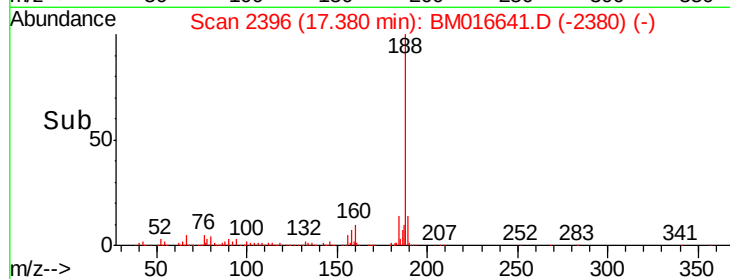
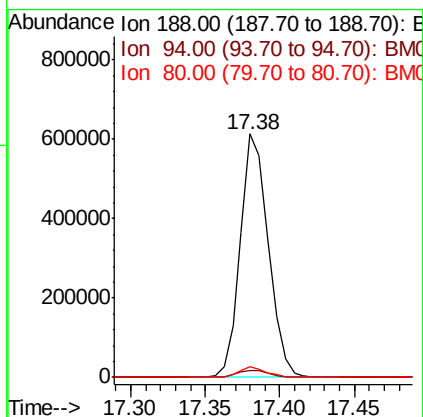
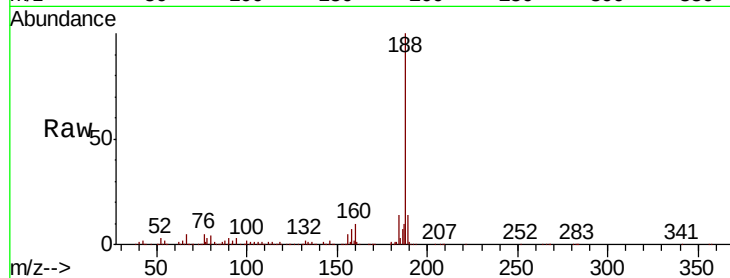




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

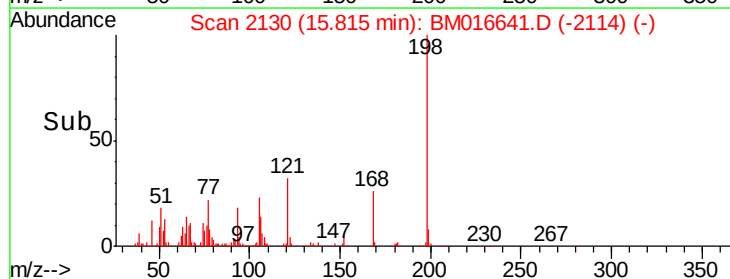
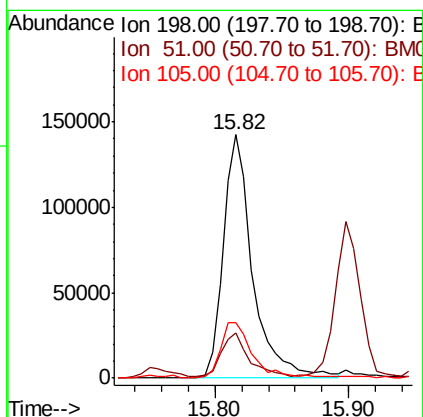
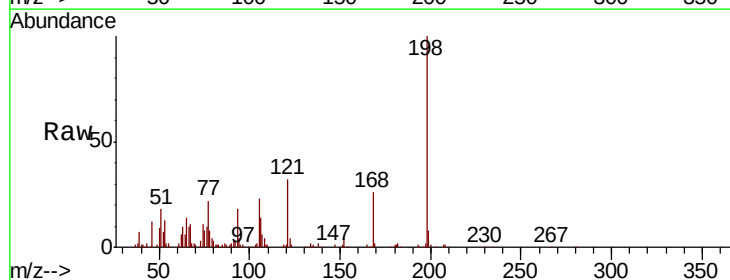
Instrument :
 BNA_M
 ClientSampleId :

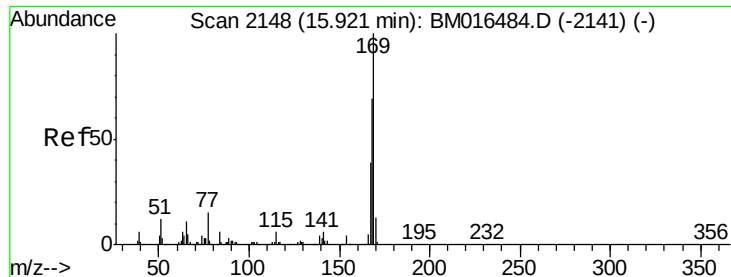
Tot Ion	Ratio	Lower	Upper
188	100		
94	2.9	8.7	13.1#
80	4.2	9.3	13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.174 ng
 RT: 15.82 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
198	100		
51	18.4	28.8	68.8#
105	22.8	30.5	70.5#

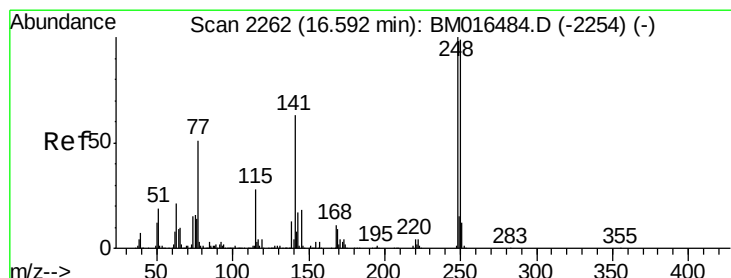
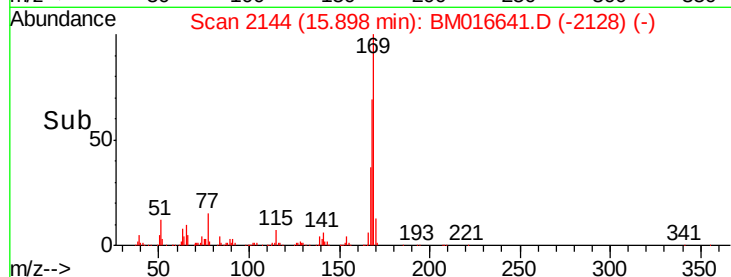
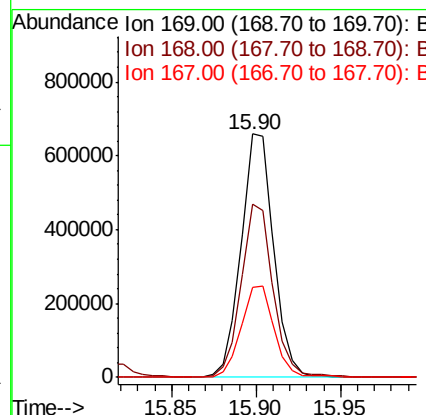
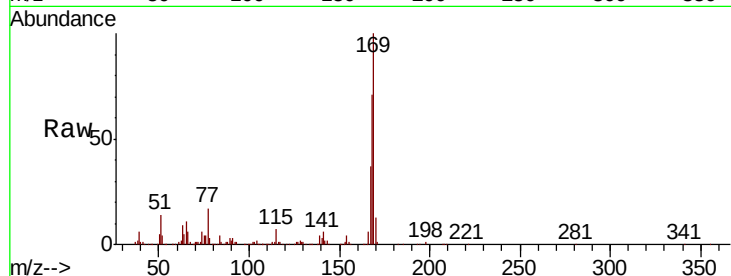




#65
 n-Nitrosodiphenylamine
 Concen: 39.343 ng
 RT: 15.90 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

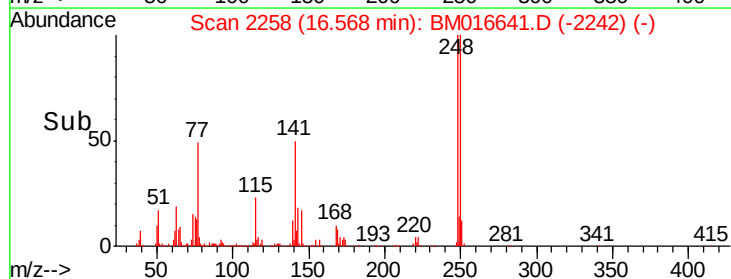
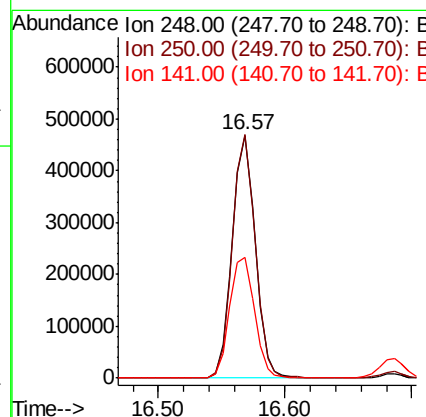
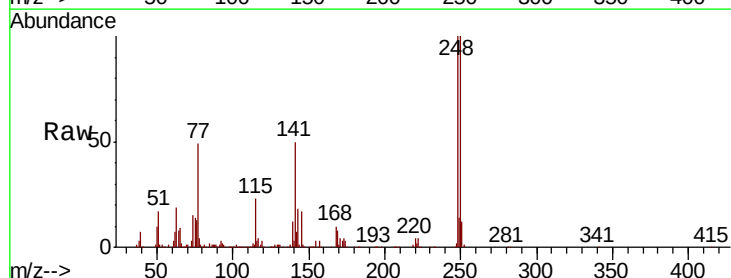
Instrument :
 BNA_M
 ClientSampleId :

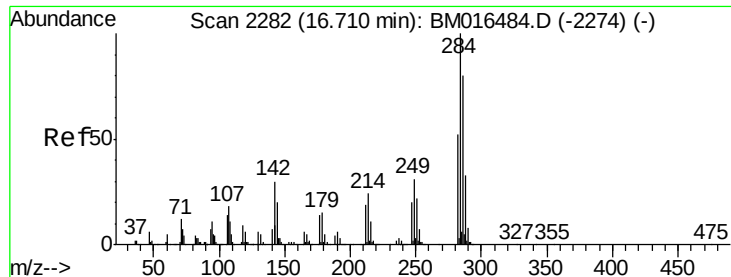
Tot Ion	Ratio	Lower	Upper
169	100		
168	71.1	53.9	80.9
167	36.8	28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 48.067 ng
 RT: 16.57 min Scan# 2258
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.3	77.4	116.0
141	50.0	45.2	67.8

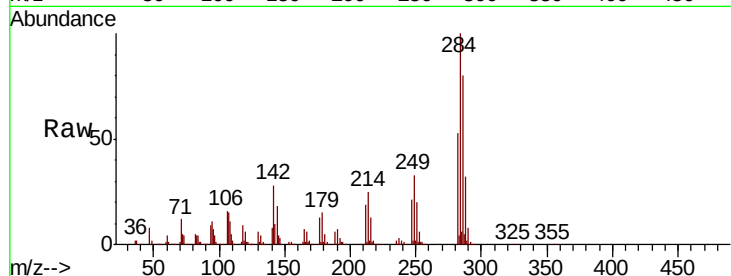




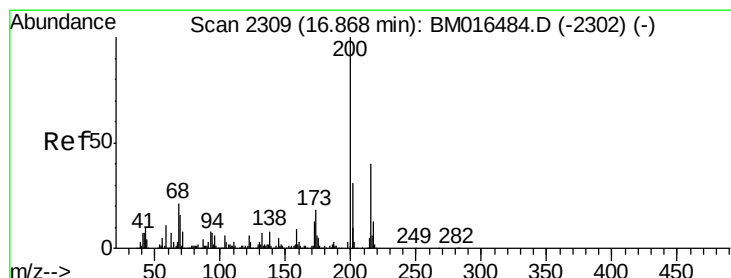
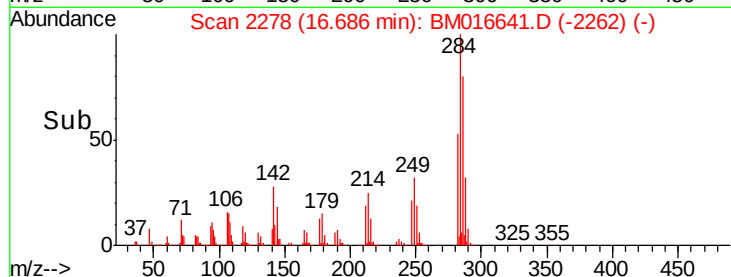
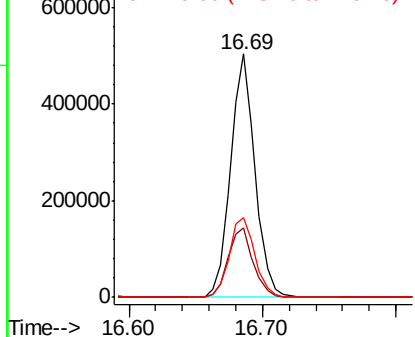
#67
Hexachlorobenzene
Concen: 44.804 ng
RT: 16.69 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	28.4	20.4	30.6
249	32.7	23.8	35.6

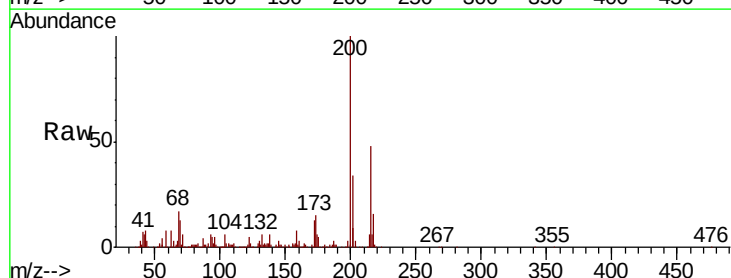


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

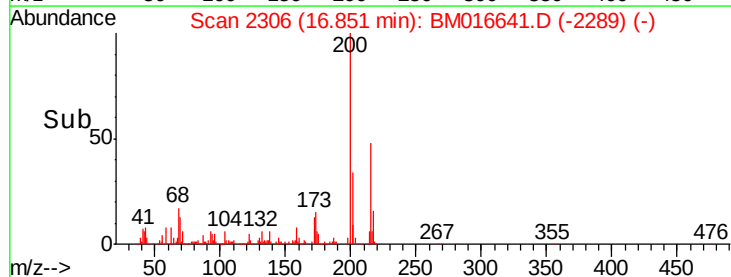
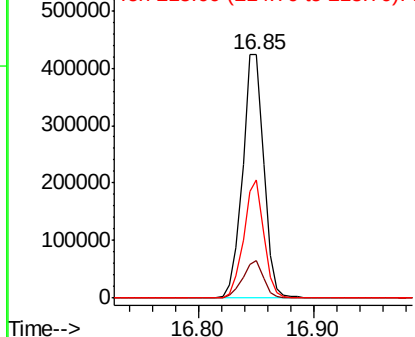


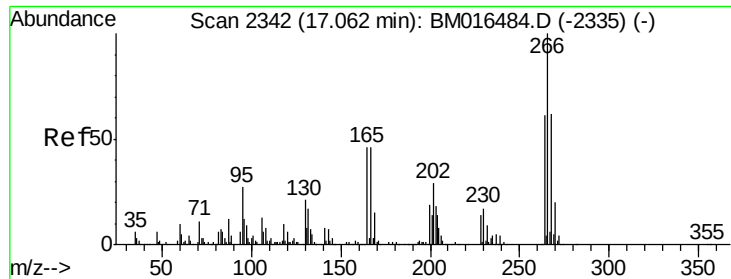
#68
Atrazine
Concen: 52.655 ng
RT: 16.85 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
200	100		
173	15.4	4.8	44.8
215	48.4	26.9	66.9



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

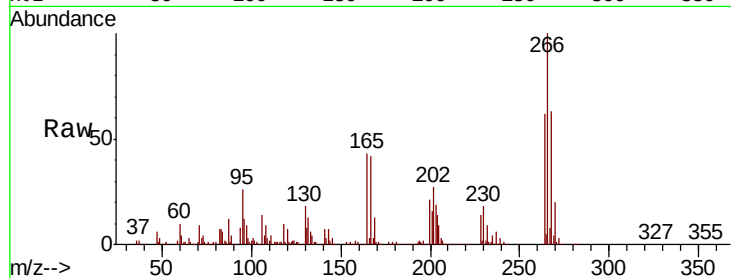




#69
 Pentachlorophenol
 Concen: 75.038 ng
 RT: 17.04 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	52.0	78.0
264	61.9	49.0	73.4

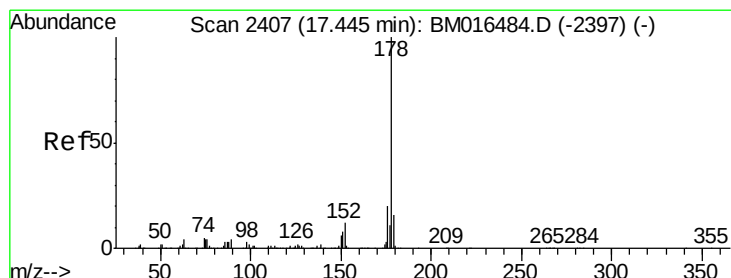
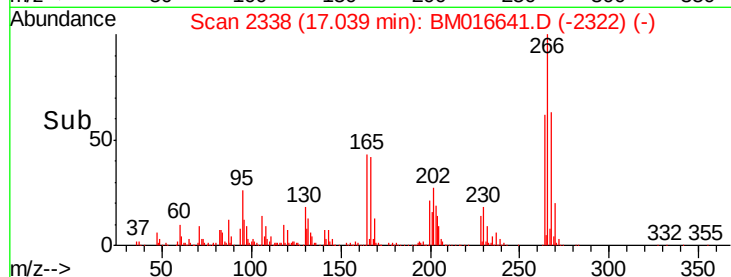
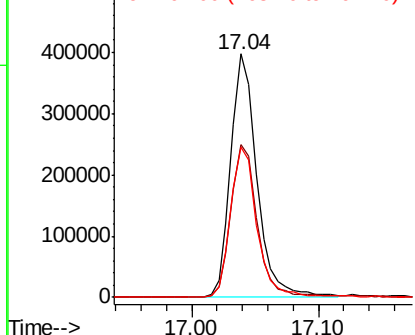


Abundance

Ion 265.70 (265.40 to 266.40): E

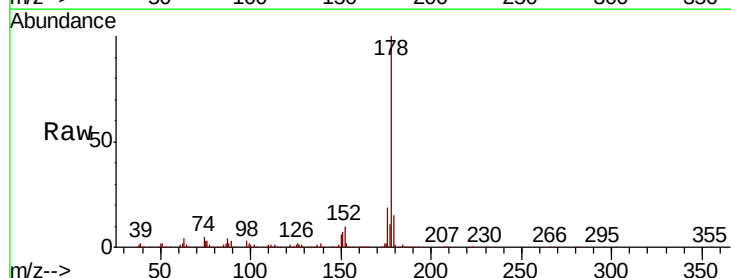
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.509 ng
 RT: 17.43 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.4	12.1	18.1

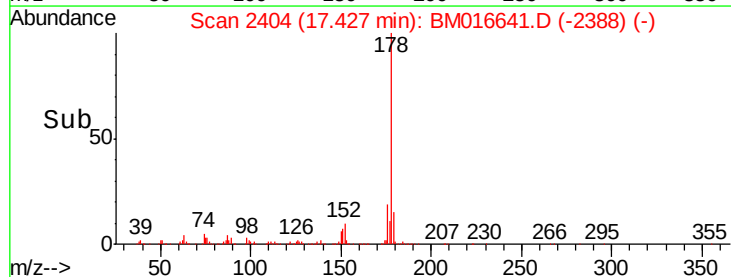
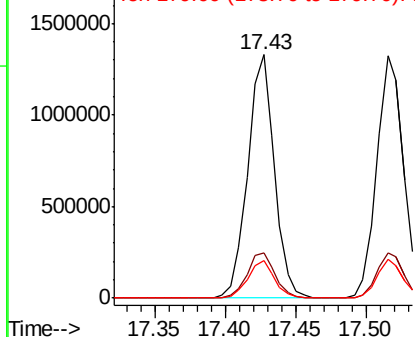


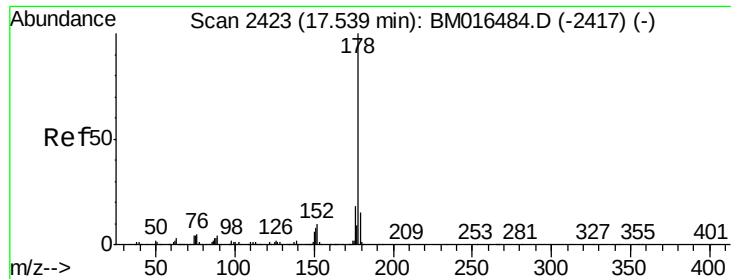
Abundance

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



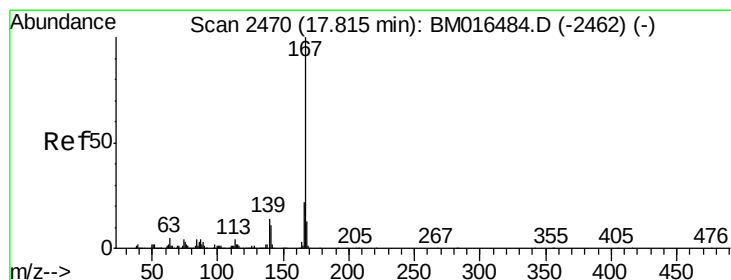
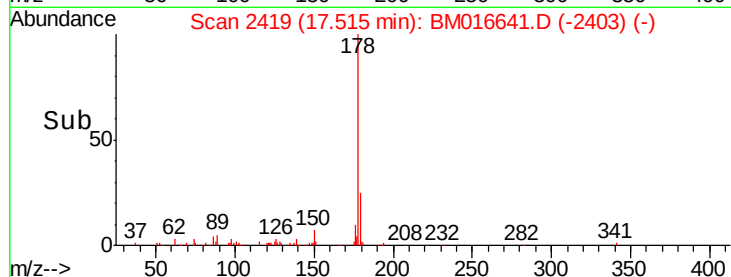
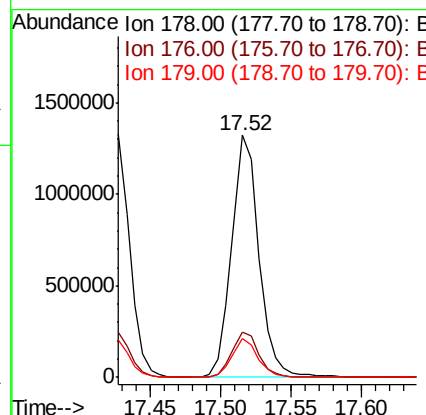
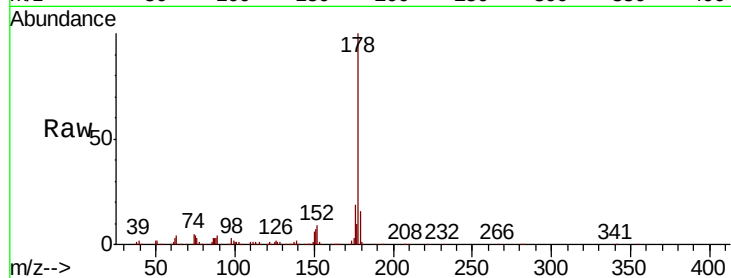


#71
 Anthracene
 Concen: 43.373 ng
 RT: 17.52 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 1780408

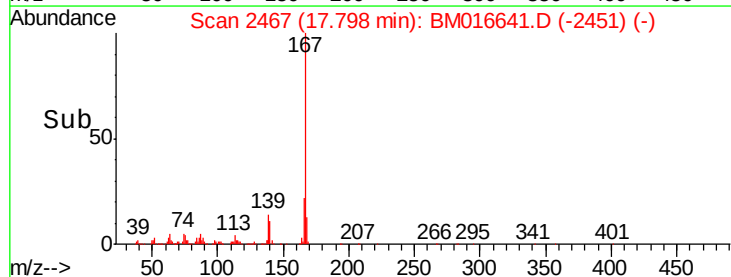
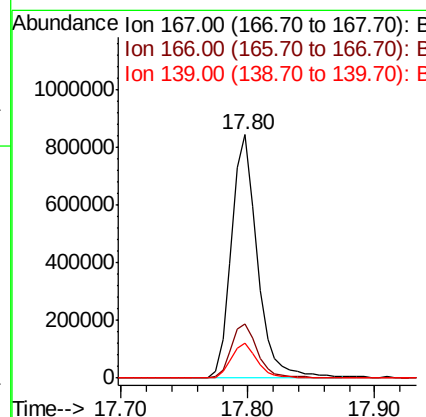
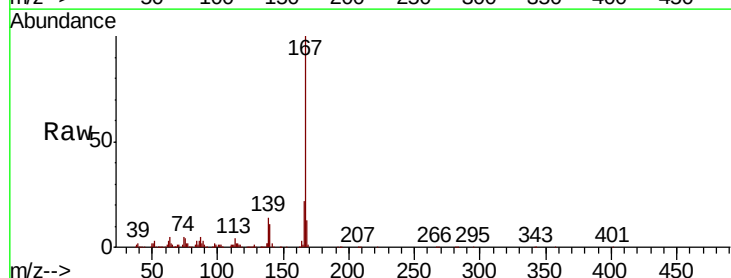
Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	16.3	12.6	19.0

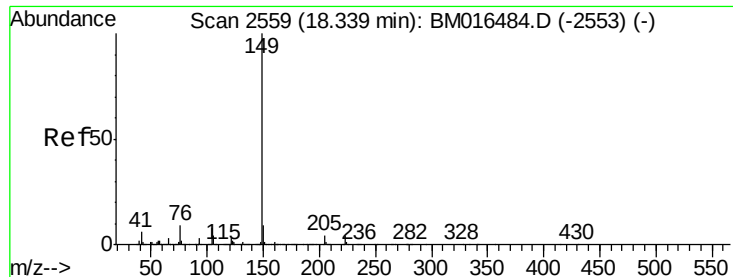


#72
 Carbazole
 Concen: 32.455 ng
 RT: 17.80 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion:167 Resp: 1197232

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.2	25.8
139	14.2	10.8	16.2





#73

Di-n-butylphthalate

Concen: 36.967 ng

RT: 18.32 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

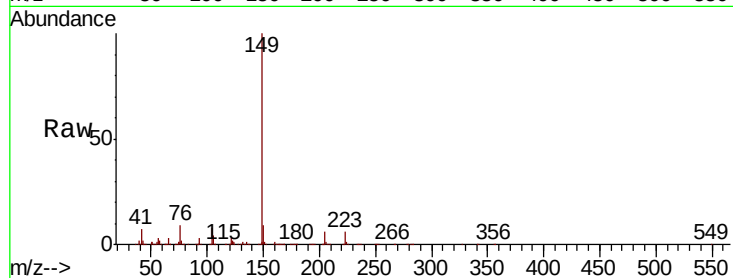
Tot Ion:149 Resp: 1662544

Ion Ratio Lower Upper

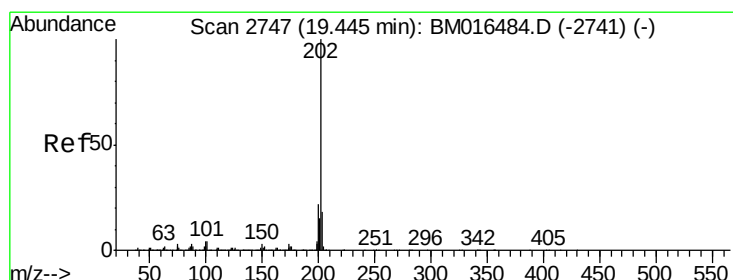
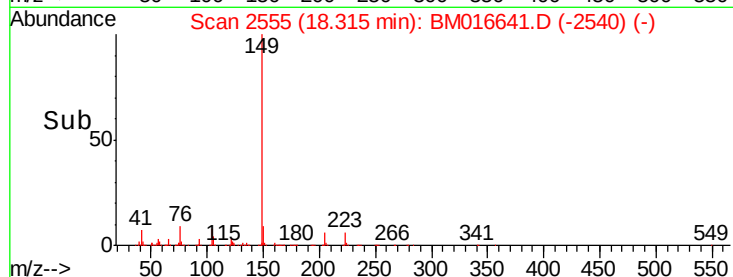
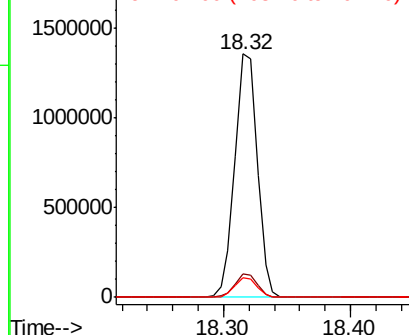
149 100

150 9.4 7.5 11.3

104 8.1 3.7 5.5#



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



#74

Fluoranthene

Concen: 43.021 ng

RT: 19.43 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

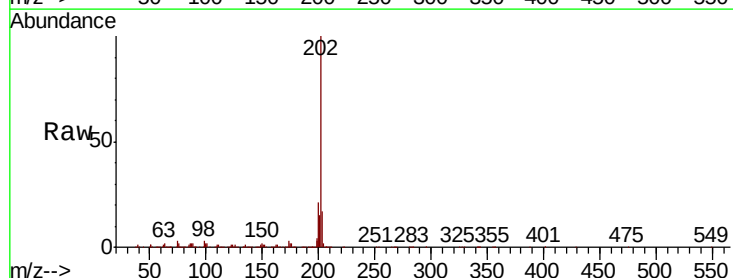
Tgt Ion:202 Resp: 2607508

Ion Ratio Lower Upper

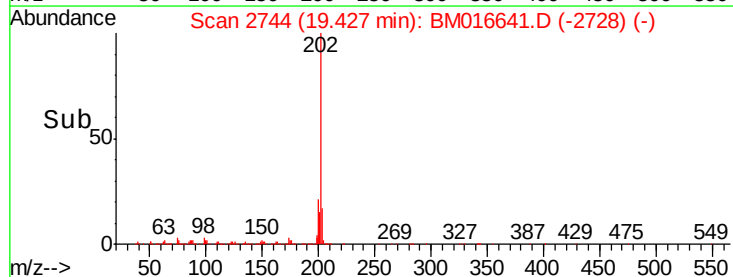
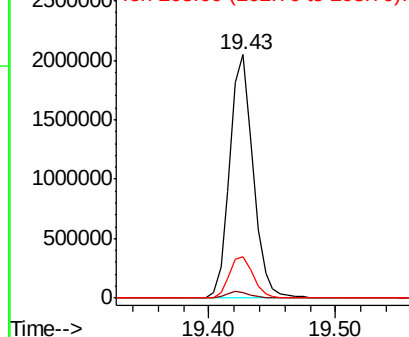
202 100

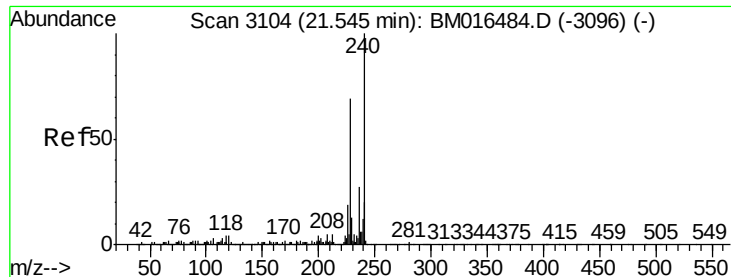
101 2.4 0.0 28.7

203 17.0 0.0 37.2



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

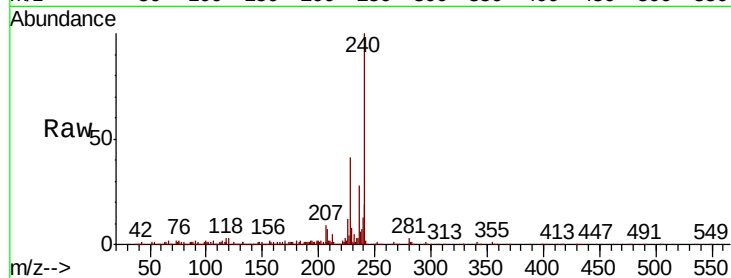
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1077393

Ion	Ratio	Lower	Upper
240	100		
120	2.9	8.2	12.2#
236	27.9	20.0	30.0

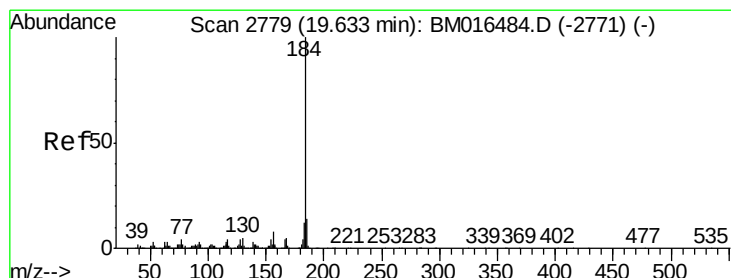
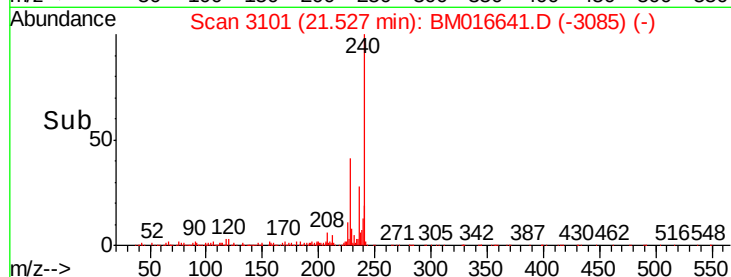
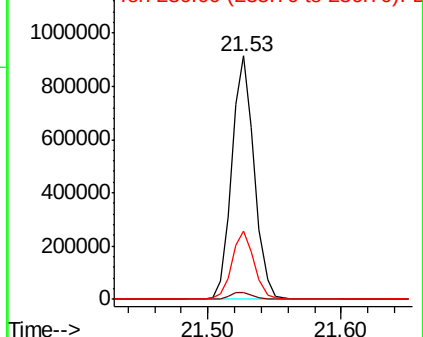


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.632 ng

RT: 19.62 min Scan# 2777

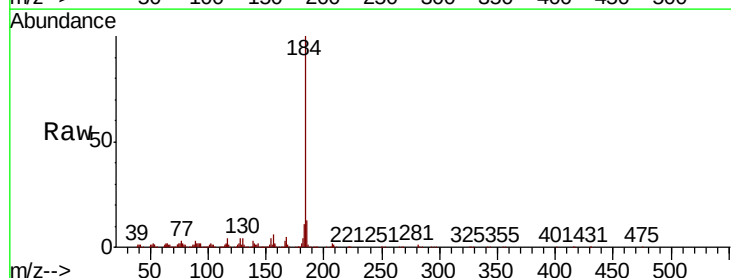
Delta R.T. -0.00 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Tgt Ion:184 Resp: 924748

Ion	Ratio	Lower	Upper
184	100		
185	12.8	11.3	16.9
183	11.3	8.9	13.3

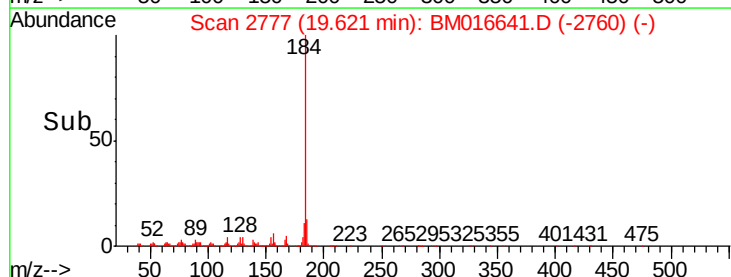
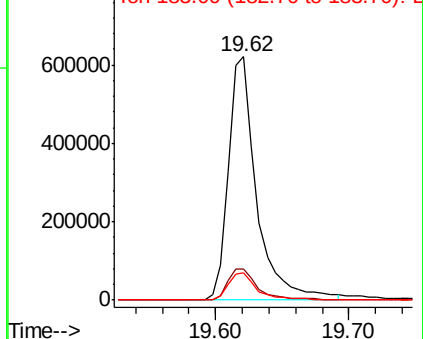


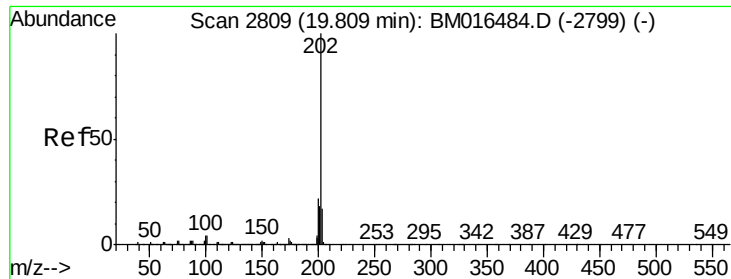
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.553 ng

RT: 19.79 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

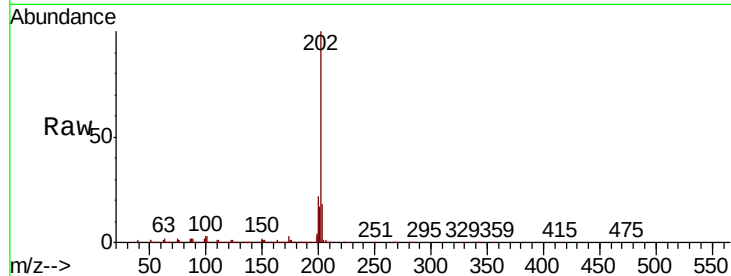
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 2667237

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	17.7	14.1	21.1

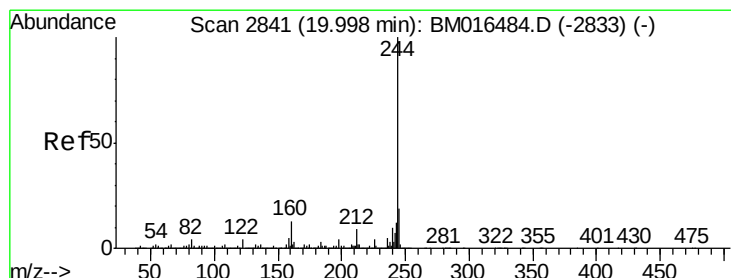
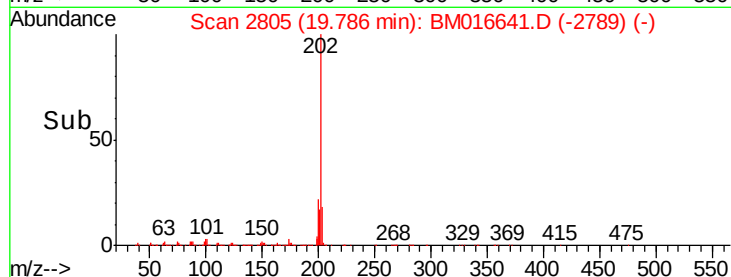
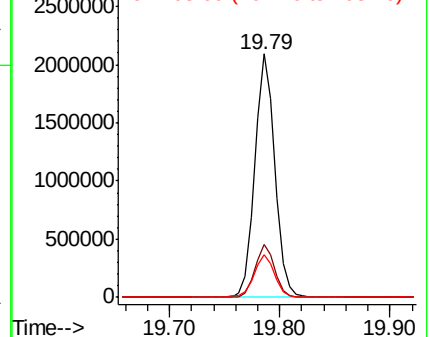


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.641 ng

RT: 19.97 min Scan# 2837

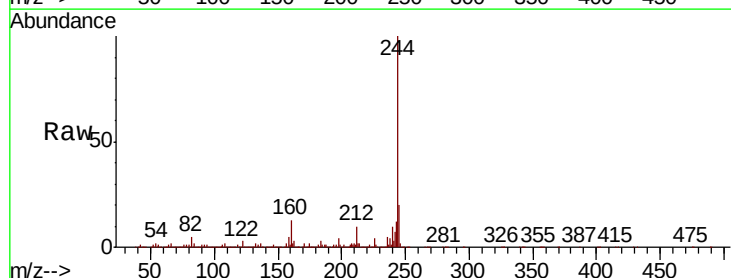
Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Tgt Ion:244 Resp: 4410281

Ion	Ratio	Lower	Upper
244	100		
212	9.5	4.9	7.3#
122	3.3	6.2	9.4#

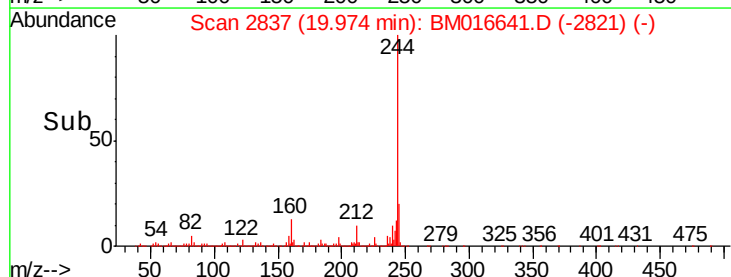
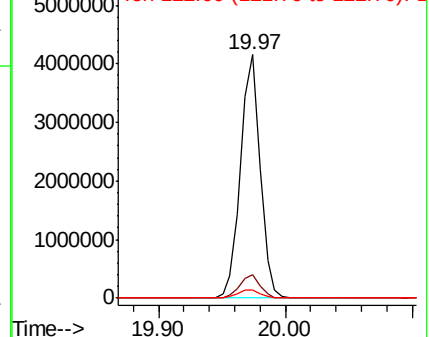


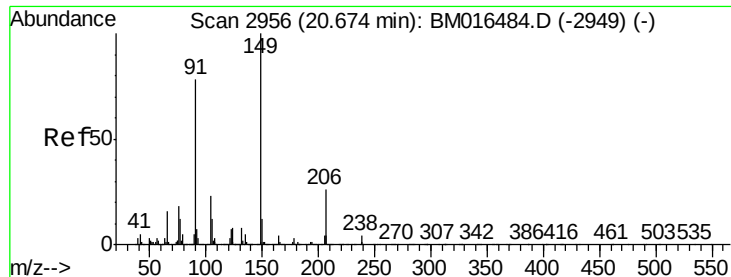
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

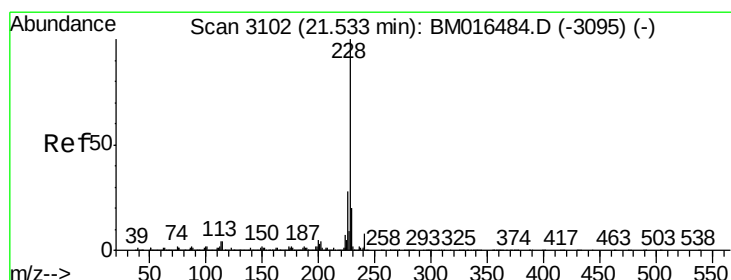
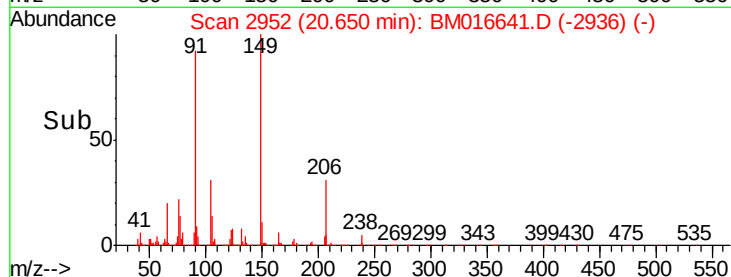
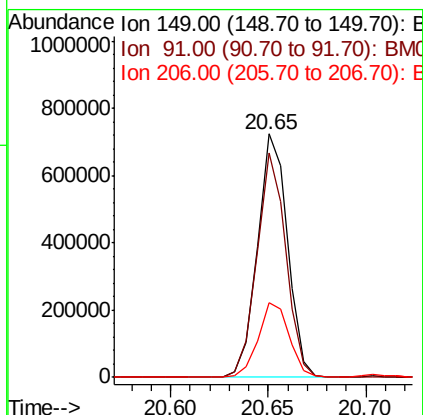
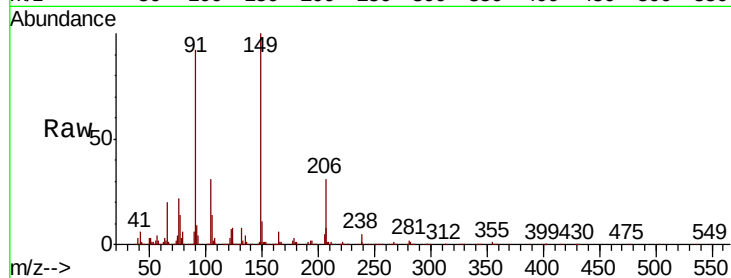




#79
Butylbenzylphthalate
Concen: 38.100 ng
RT: 20.65 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

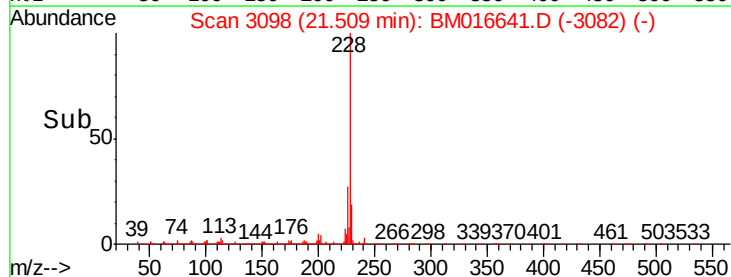
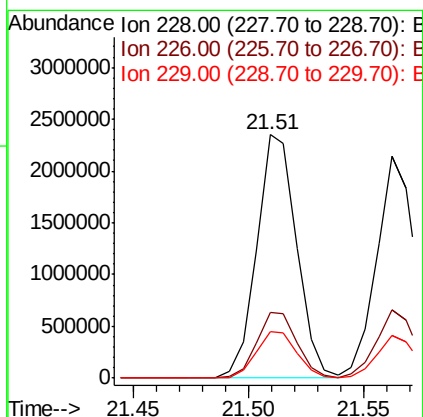
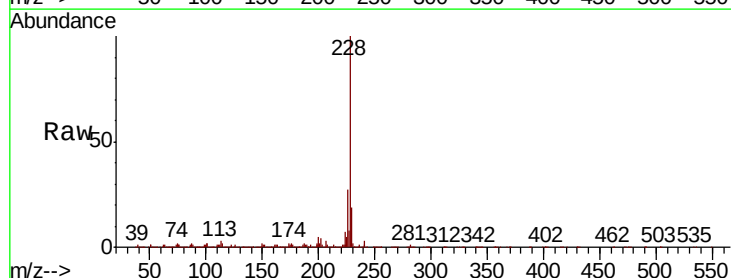
Instrument :
BNA_M
ClientSampleId :

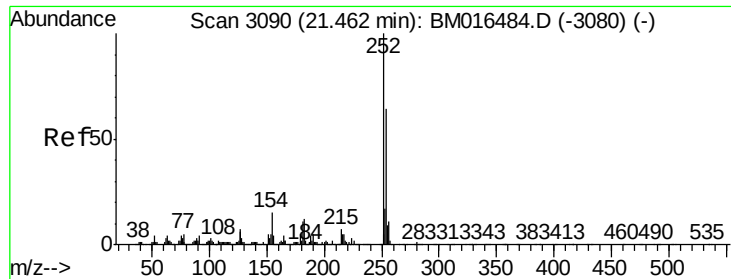
Tot Ion	Ratio	Lower	Upper
149	100		
91	92.1	50.1	75.1#
206	30.9	16.2	24.2#



#80
Benzo(a)anthracene
Concen: 44.644 ng
RT: 21.51 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.2	16.0	24.0

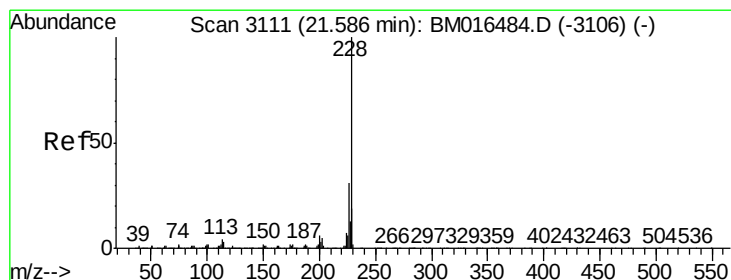
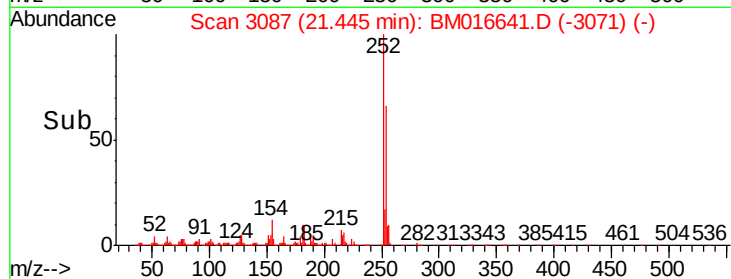
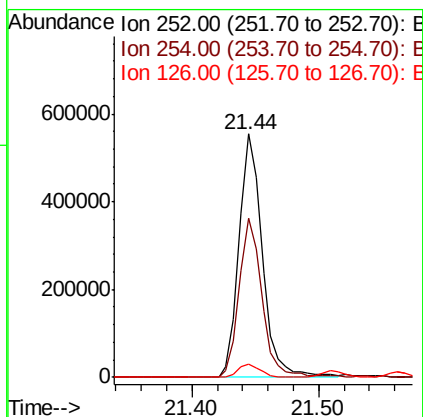
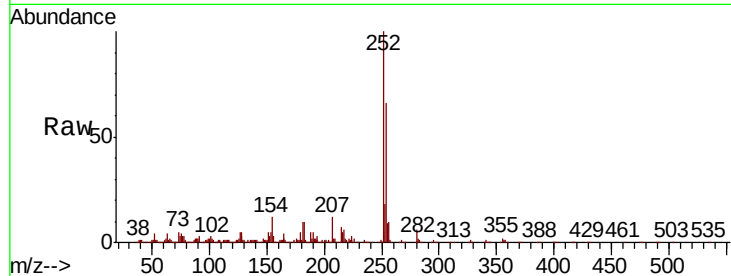




#81
 3,3'-Dichlorobenzidine
 Concen: 24.901 ng
 RT: 21.44 min Scan# 3087
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

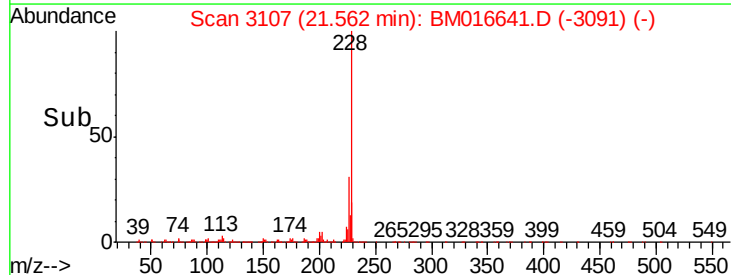
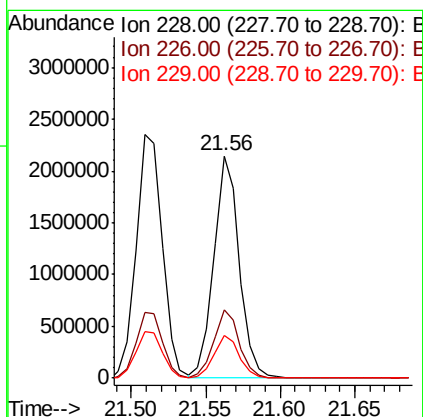
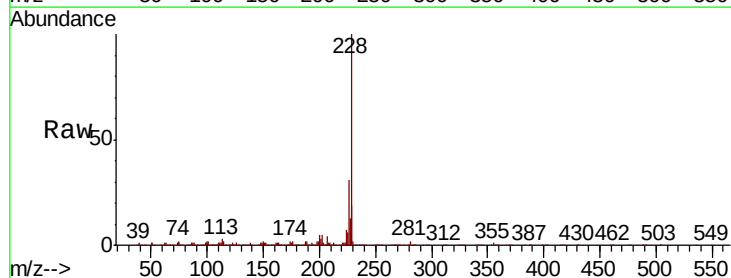
Instrument :
 BNA_M
 ClientSampleId :

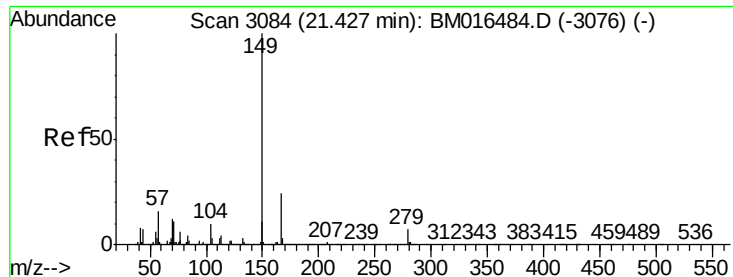
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.9	77.9
126	5.2	9.8	14.8



#82
 Chrysene
 Concen: 41.948 ng
 RT: 21.56 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	19.1	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.707 ng

RT: 21.40 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

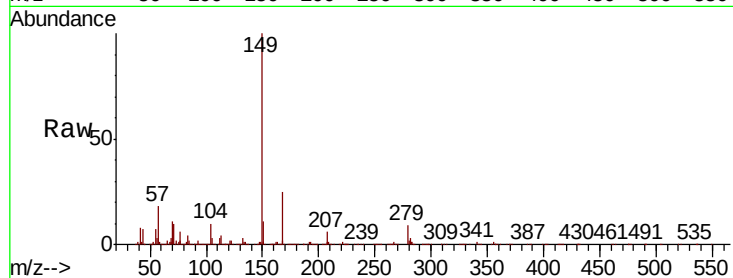
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 1102878

Ion	Ratio	Lower	Upper
149	100		
167	25.0	22.4	33.6
279	8.8	3.4	5.0

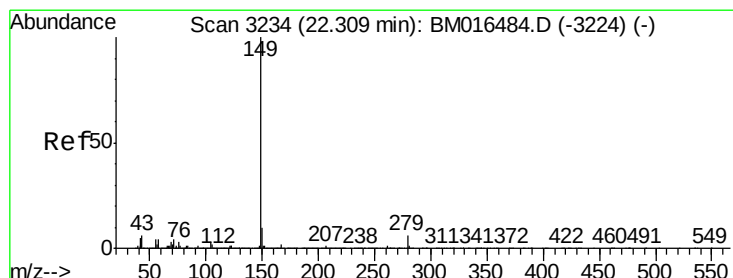
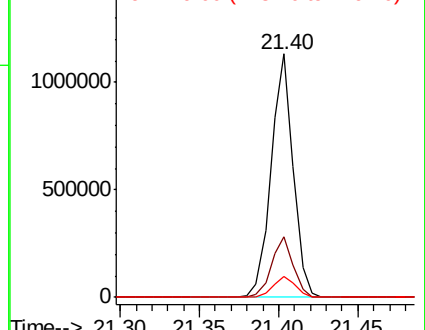
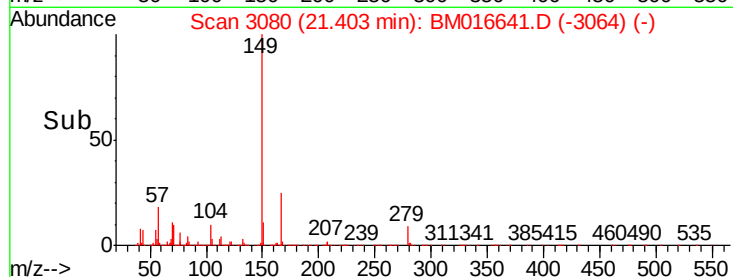


Abundance

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



#84

Di-n-octyl phthalate

Concen: 36.142 ng

RT: 22.29 min Scan# 3230

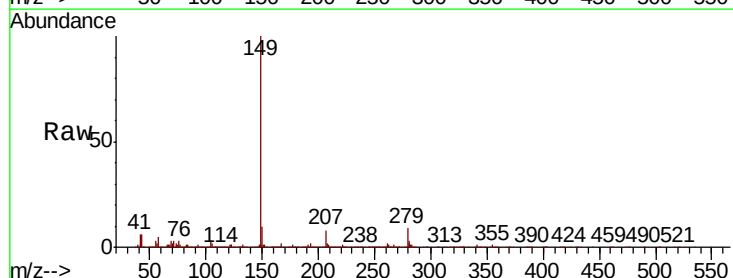
Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Tgt Ion:149 Resp: 1804569

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	6.6	7.3	10.9

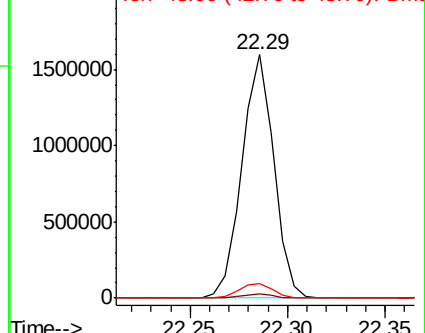
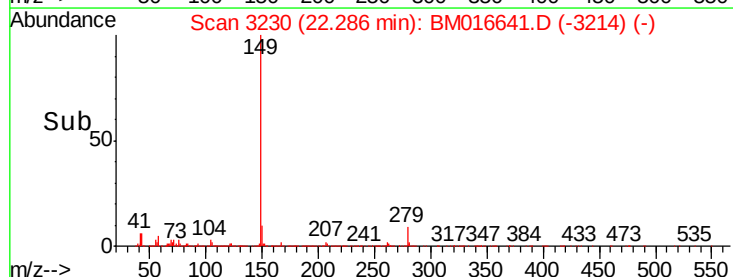


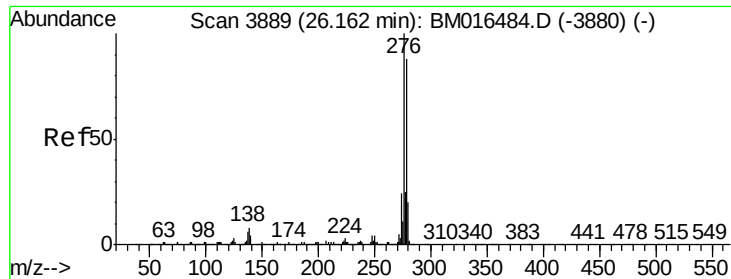
Abundance

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.718 ng

RT: 26.12 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

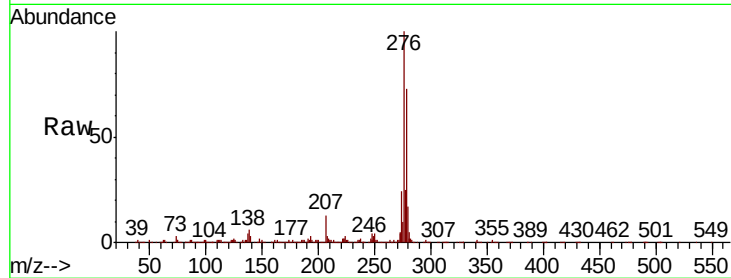
Tot Ion:276 Resp: 3104365

Ion Ratio Lower Upper

276 100

138 5.9 12.0 18.0#

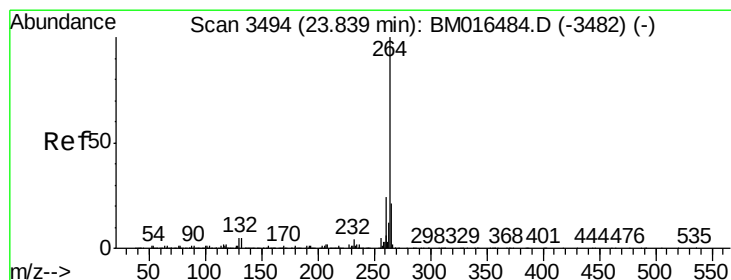
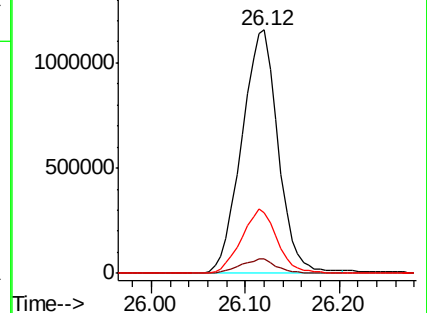
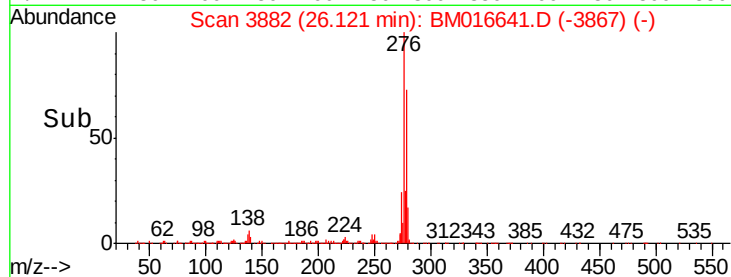
277 25.6 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.81 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

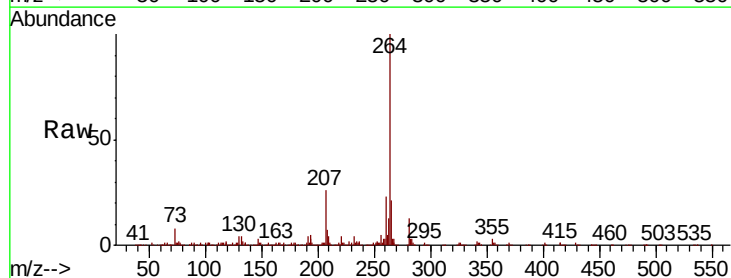
Tgt Ion:264 Resp: 1016801

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

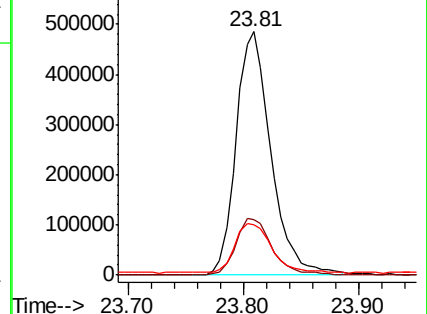
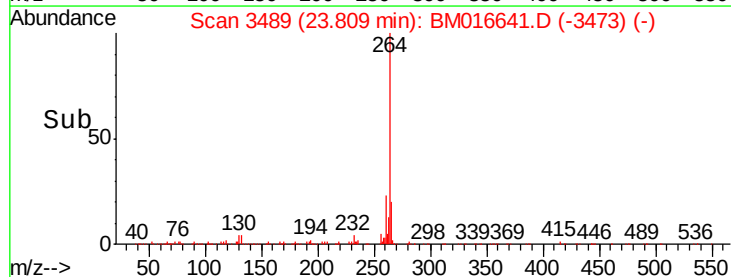
265 20.8 17.3 25.9

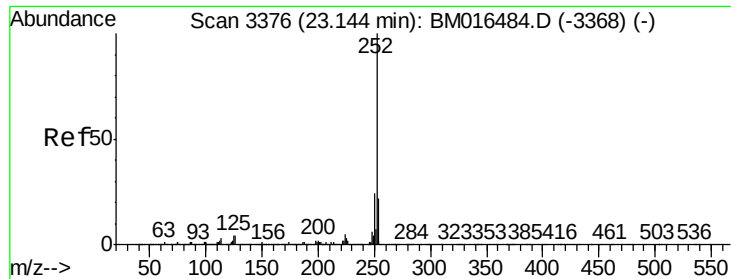


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

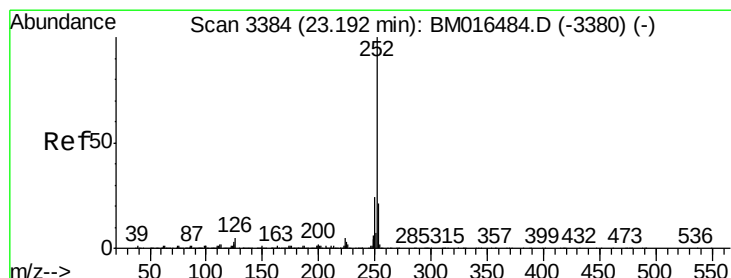
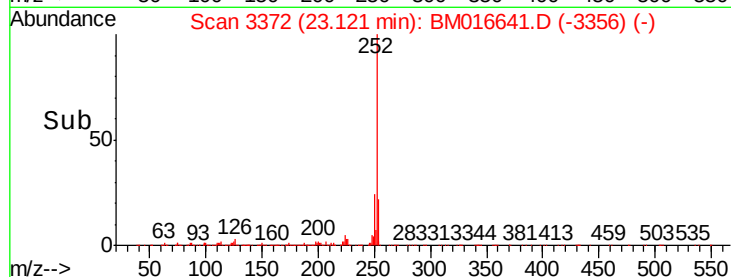
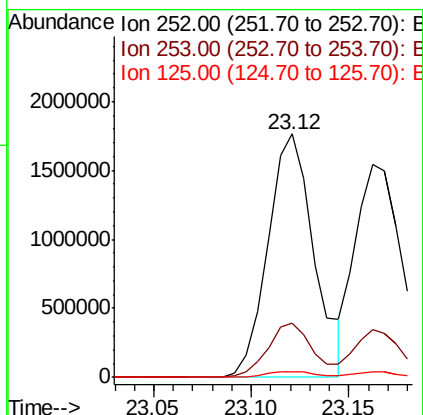
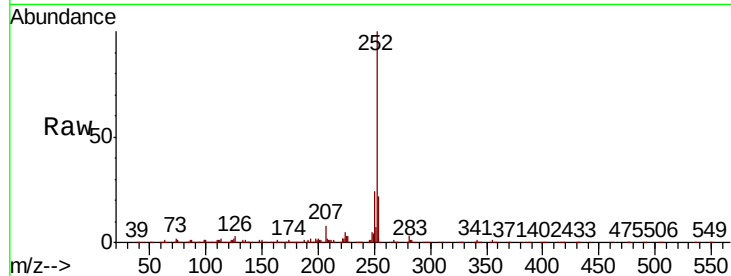




#87
Benzo(b)fluoranthene
Concen: 49.206 ng
RT: 23.12 min Scan# 3372
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

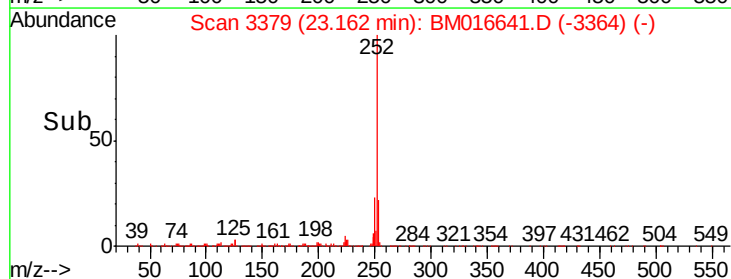
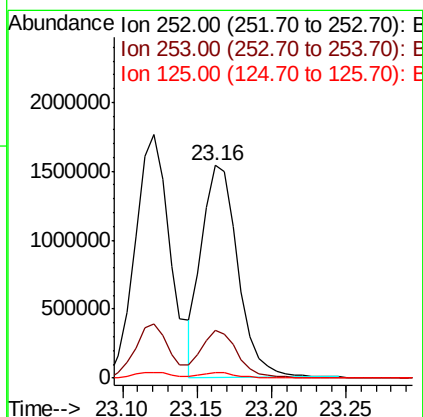
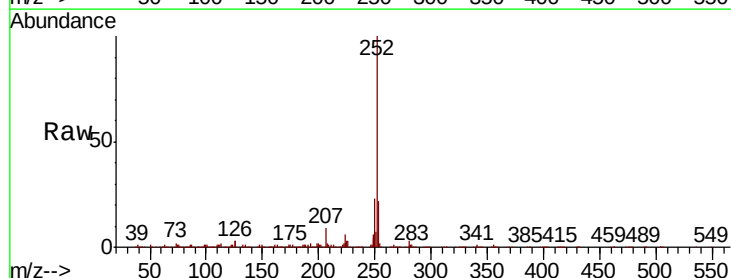
Instrument :
BNA_M
ClientSampleId :

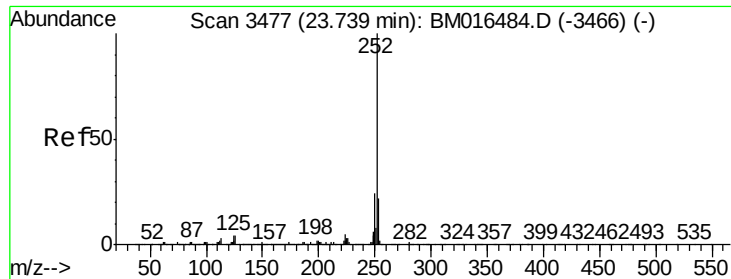
Tot Ion:252 Resp: 2884135
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 2.2 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 43.456 ng
RT: 23.16 min Scan# 3379
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion:252 Resp: 2591659
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 2.6 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 45.629 ng

RT: 23.71 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

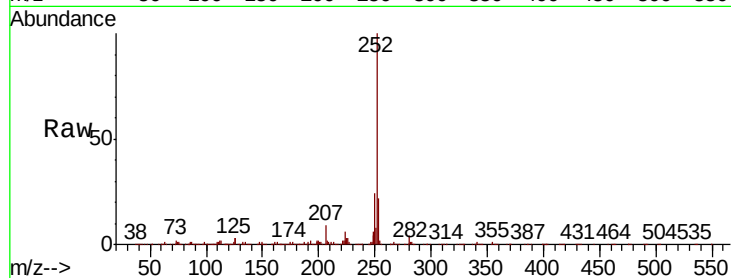
Tot Ion:252 Resp: 2602283

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	2.6	7.4	11.2

252 100

253 21.8 17.6 26.4

125 2.6 7.4 11.2

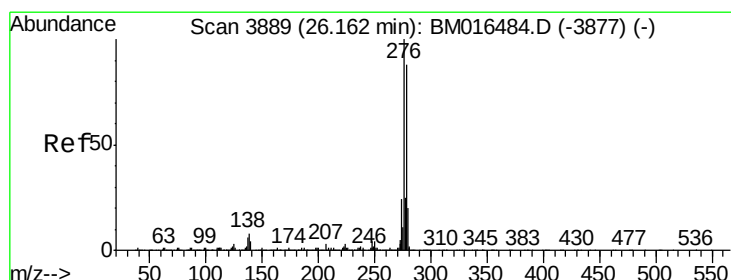
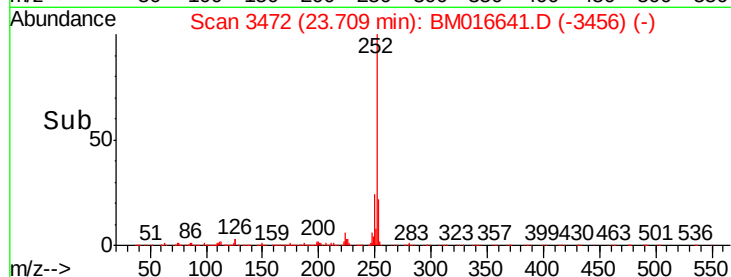
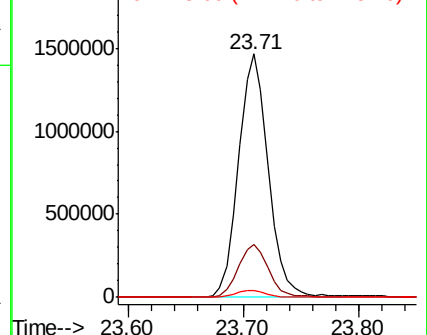


Abundance

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

Dibenzo(a,h)anthracene

Concen: 40.754 ng

RT: 26.11 min Scan# 3880

Delta R.T. -0.02 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

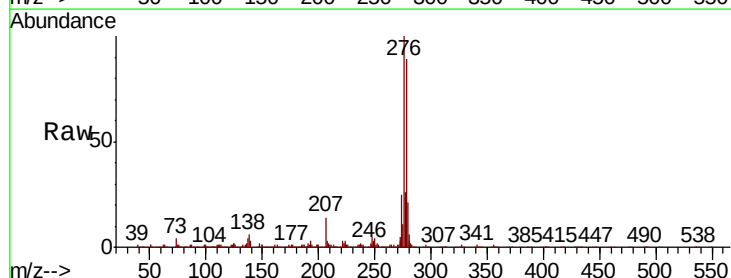
Tgt Ion:278 Resp: 2604878

Ion	Ratio	Lower	Upper
278	100		
139	3.6	13.4	20.0
279	23.3	19.0	28.4

278 100

139 3.6 13.4 20.0

279 23.3 19.0 28.4

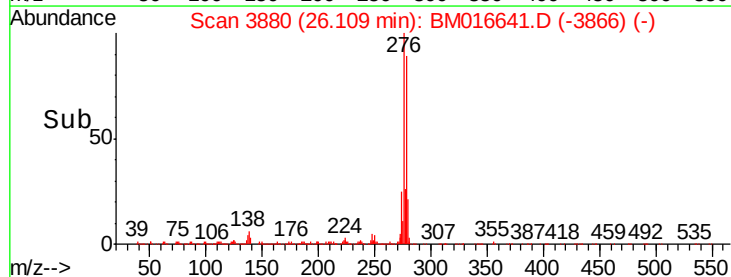
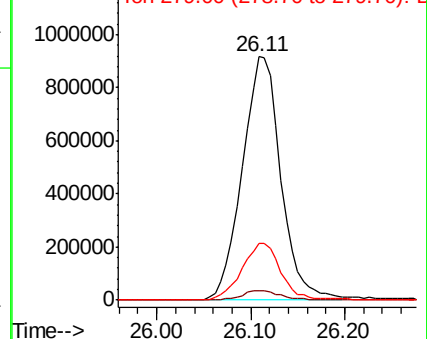


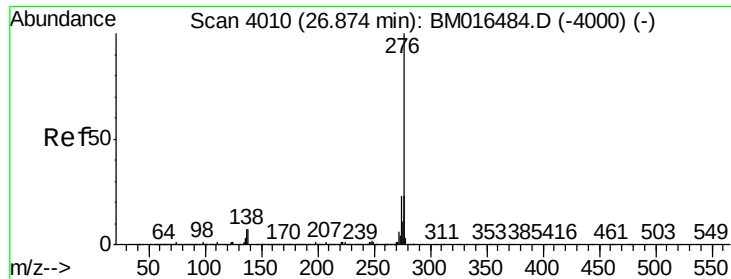
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.936 ng

RT: 26.83 min Scan# 4002

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 2406054

Ion Ratio Lower Upper

276 100

277 23.0 18.5 27.7

138 5.4 19.0 28.6#

