

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016598.D
 Acq On : 27 Aug 2018 10:02
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 27 11:08:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 10:59:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	78191	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	308781	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	243117	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	836893	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1316866	20.00	ng	0.00
86) Perylene-d12	23.82	264	1370715	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	271993	68.17	ng	0.00
7) Phenol-d6	7.18	99	366099	69.34	ng	0.00
23) Nitrobenzene-d5	9.19	82	589825	87.22	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	559854	82.38	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	2165454	85.62	ng	0.00
78) Terphenyl-d14	19.98	244	5890448	94.68	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	84481	38.324	ng	# 100
3) Pyridine	3.80	79	158730	34.609	ng	# 81
4) n-Nitrosodimethylamine	3.72	42	80816	39.553	ng	# 72
6) Aniline	7.34	93	213178	36.080	ng	# 87
8) 2-Chlorophenol	7.57	128	179269	37.757	ng	# 97
9) Benzaldehyde	7.16	77	148711	40.583	ng	# 77
10) Phenol	7.21	94	184078	35.252	ng	# 88
11) bis(2-Chloroethyl)ether	7.43	93	142458	36.382	ng	# 98
12) 1,3-Dichlorobenzene	7.89	146	231391	36.758	ng	# 88
13) 1,4-Dichlorobenzene	8.04	146	234583	36.312	ng	# 93
14) 1,2-Dichlorobenzene	8.35	146	232108	36.571	ng	# 95
15) Benzyl Alcohol	8.27	79	187670	38.274	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.53	45	93518	34.685	ng	# 36
17) 2-Methylphenol	8.46	107	140369	37.122	ng	# 74
18) Hexachloroethane	9.06	117	126972	42.663	ng	# 38
19) n-Nitroso-di-n-propylamine	8.82	70	152809	36.913	ng	# 87
20) 3+4-Methylphenols	8.80	107	174814	33.436	ng	# 78
22) Acetophenone	8.85	105	277891	37.374	ng	# 98
24) Nitrobenzene	9.23	77	269563	39.894	ng	# 93
25) Isophorone	9.75	82	368132	40.729	ng	# 93
26) 2-Nitrophenol	9.95	139	111899	38.737	ng	# 44
27) 2,4-Dimethylphenol	10.00	122	137552	36.539	ng	# 71
28) bis(2-Chloroethoxy)methane	10.23	93	205666	38.119	ng	# 98
29) 2,4-Dichlorophenol	10.48	162	241420	42.850	ng	# 93
30) 1,2,4-Trichlorobenzene	10.67	180	410241	47.986	ng	# 95
31) Naphthalene	10.86	128	559675	38.043	ng	# 97
32) Benzoic acid	10.20	122	98196	31.176	ng	# 67
33) 4-Chloroaniline	11.00	127	231670	37.418	ng	# 83
34) Hexachlorobutadiene	11.11	225	439041	53.805	ng	# 98
35) Caprolactam	11.82	113	51007	37.729	ng	# 56
36) 4-Chloro-3-methylphenol	12.12	107	205638	37.965	ng	# 96
37) 2-Methylnaphthalene	12.47	142	447970	38.896	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	630294	45.904	ng	# 100
40) Hexachlorocyclopentadiene	12.79	237	235549	46.289	ng	# 98

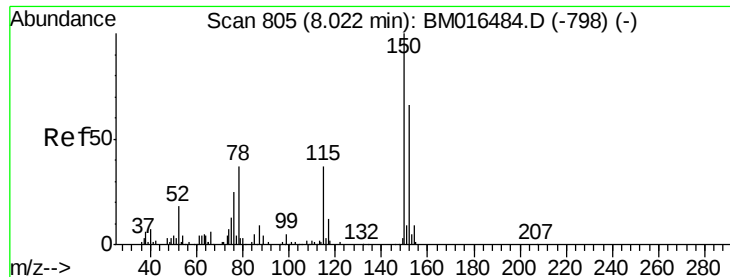
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 10:59:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	371399	45.233	nq	95
43) 2,4,5-Trichlorophenol	13.09	196	300636	37.484	nq	96
45) 1,1'-Biphenyl	13.47	154	744514	34.925	nq	98
46) 2-Chloronaphthalene	13.53	162	623212	35.984	nq	96
47) 2-Nitroaniline	13.76	65	167277	36.262	nq	82
48) Acenaphthylene	14.37	152	855219	34.982	nq	98
49) Dimethylphthalate	14.11	163	887649	38.004	nq	# 98
50) 2,6-Dinitrotoluene	14.25	165	176228	38.682	nq	# 67
51) Acenaphthene	14.71	154	535673	35.666	nq	96
52) 3-Nitroaniline	14.60	138	134604	32.472	nq	# 81
53) 2,4-Dinitrophenol	14.83	184	86985	38.153	nq	# 71
54) Dibenzofuran	15.05	168	1105811	38.461	nq	# 91
55) 4-Nitrophenol	14.92	139	96836	36.626	nq	88
56) 2,4-Dinitrotoluene	15.05	165	280016	36.860	nq	# 95
57) Fluorene	15.70	166	831684	38.292	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	355642	46.135	nq	# 100
59) Diethylphthalate	15.46	149	893260	36.678	nq	96
60) 4-Chlorophenyl-phenylether	15.68	204	823276	45.199	nq	# 83
61) 4-Nitroaniline	15.76	138	139508	34.436	nq	# 1
62) Azobenzene	15.97	77	1061151	40.908	nq	91
64) 4,6-Dinitro-2-methylphenol	15.82	198	212976	33.493	nq	# 54
65) n-Nitrosodiphenylamine	15.90	169	809003	34.362	nq	99
66) 4-Bromophenyl-phenylether	16.57	248	533293	41.472	nq	97
67) Hexachlorobenzene	16.69	284	603296	40.230	nq	# 92
68) Atrazine	16.85	200	449294	41.816	nq	93
69) Pentachlorophenol	17.04	266	302873	38.171	nq	100
70) Phenanthrene	17.43	178	1566432	36.214	nq	100
71) Anthracene	17.52	178	1513848	35.245	nq	98
72) Carbazole	17.80	167	1270791	32.922	nq	98
73) Di-n-butylphthalate	18.33	149	1557783	33.102	nq	# 97
74) Fluoranthene	19.43	202	2492087	39.294	nq	94
76) Benzidine	19.62	184	874152	34.518	nq	100
77) Pyrene	19.79	202	2683267	37.493	nq	100
79) Butylbenzylphthalate	20.66	149	797527	32.285	nq	# 69
80) Benzo(a)anthracene	21.52	228	2969532	38.356	nq	100
81) 3,3'-Dichlorobenzidine	21.45	252	1217963	35.342	nq	# 96
82) Chrysene	21.57	228	2803684	37.955	nq	99
83) Bis(2-ethylhexyl)phthalate	21.41	149	1172245	31.921	nq	# 94
84) Di-n-octyl phthalate	22.29	149	1949779	31.949	nq	# 94
85) Indeno(1,2,3-cd)pyrene	26.13	276	3467051	32.637	nq	# 91
87) Benzo(b)fluoranthene	23.13	252	3161255	40.008	nq	# 90
88) Benzo(k)fluoranthene	23.17	252	3016109	37.515	nq	# 93
89) Benzo(a)pyrene	23.72	252	2890330	37.594	nq	# 94
90) Dibenzo(a,h)anthracene	26.13	278	2898233	33.636	nq	# 87
91) Benzo(g,h,i)perylene	26.84	276	2669807	34.518	nq	# 80

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

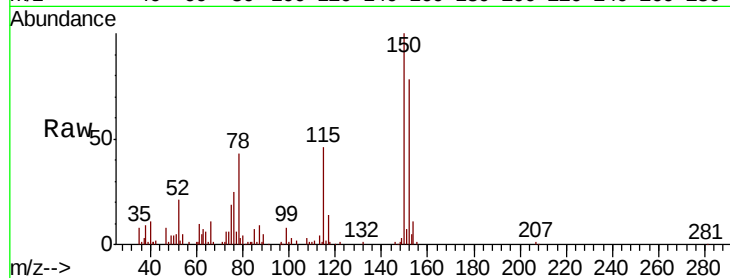


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.00 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	128.1	119.5	179.3
115	58.5	43.0	64.4

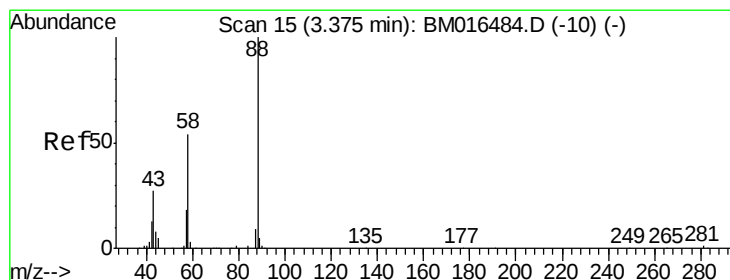
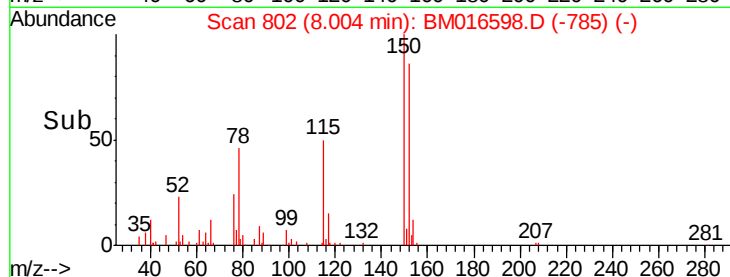
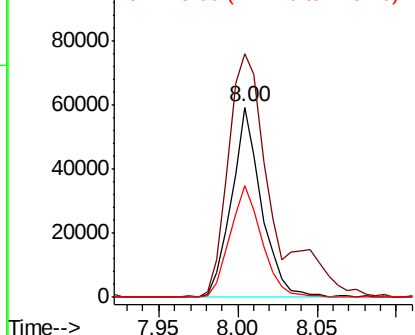


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

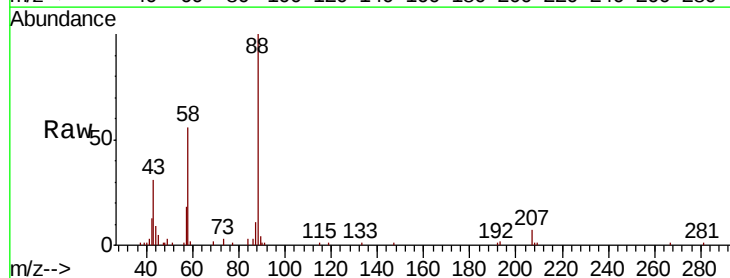
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.324 ng
RT: 3.37 min Scan# 14
Delta R.T. -0.00 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.0	0.0	0.0#
43	28.6	0.0	0.0#

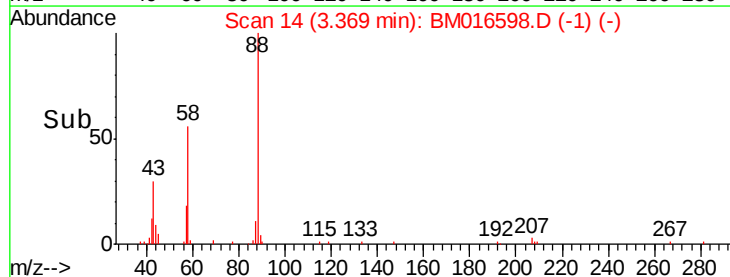
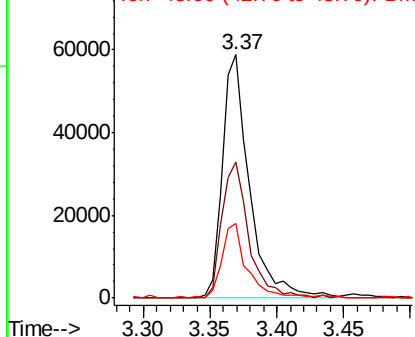


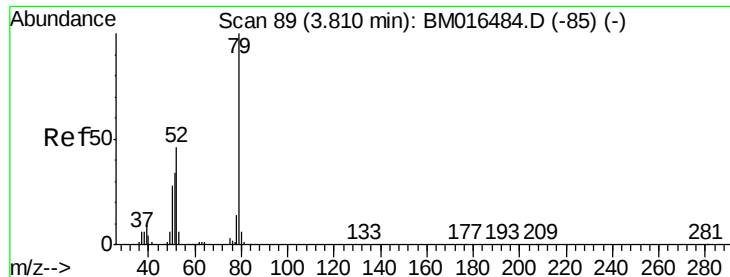
Abundance

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

Pvridine

Concen: 34.609 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Instrument :

BNA_M

ClientSampleId :

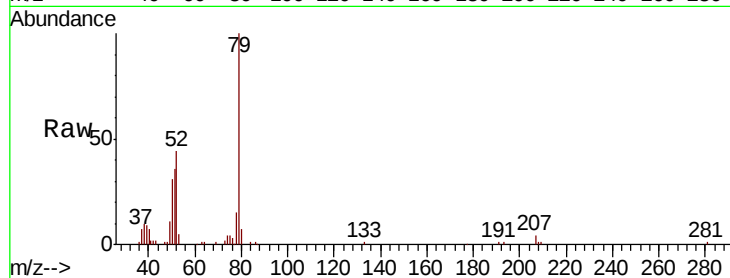
Tot Ion: 79 Resp: 158730

Ion Ratio Lower Upper

79 100

52 43.8 51.1 76.7#

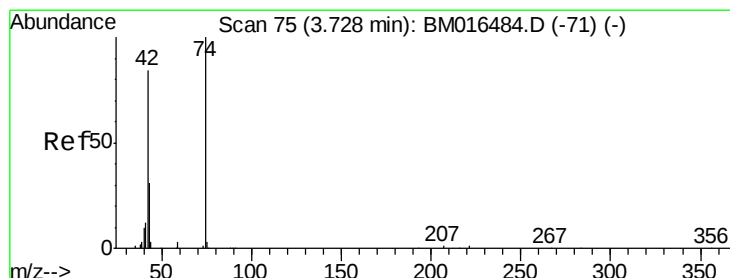
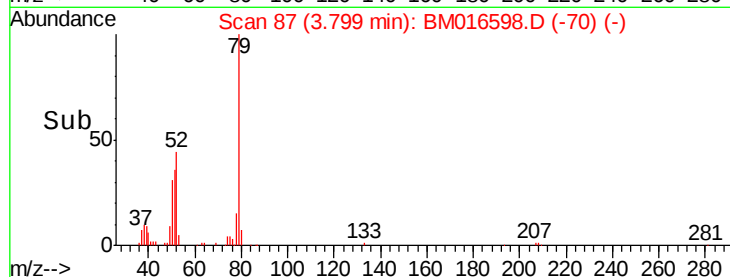
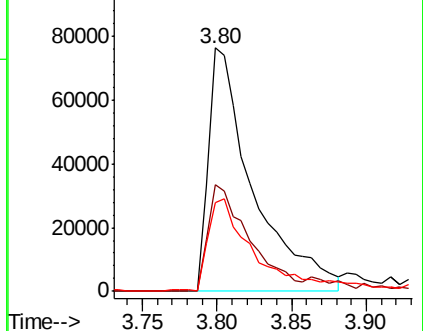
51 36.4 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM016598.D (-85) (-)

Ion 52.00 (51.70 to 52.70): BM016598.D (-85) (-)

Ion 51.00 (50.70 to 51.70): BM016598.D (-85) (-)



#4

n-Nitrosodimethylamine

Concen: 39.553 ng

RT: 3.72 min Scan# 74

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

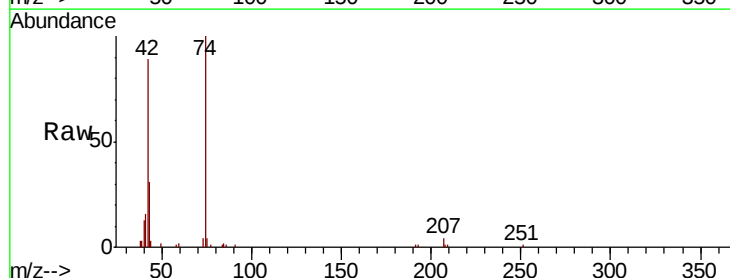
Tgt Ion: 42 Resp: 80816

Ion Ratio Lower Upper

42 100

74 112.0 119.3 178.9#

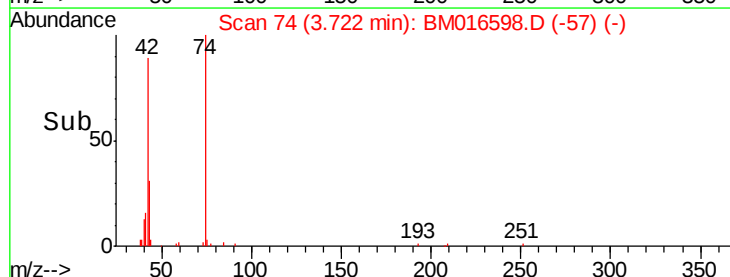
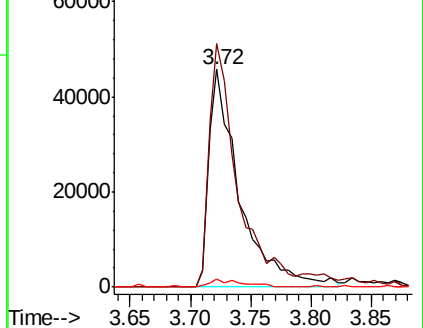
44 3.9 5.4 8.2#

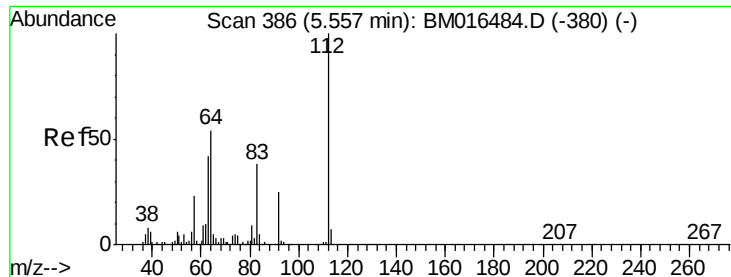


Abundance Ion 42.00 (41.70 to 42.70): BM016598.D (-71) (-)

Ion 74.00 (73.70 to 74.70): BM016598.D (-71) (-)

Ion 44.00 (43.70 to 44.70): BM016598.D (-71) (-)





#5

2-Fluorophenol

Concen: 68.166 ng

RT: 5.55 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Instrument :

BNA_M

ClientSampleId :

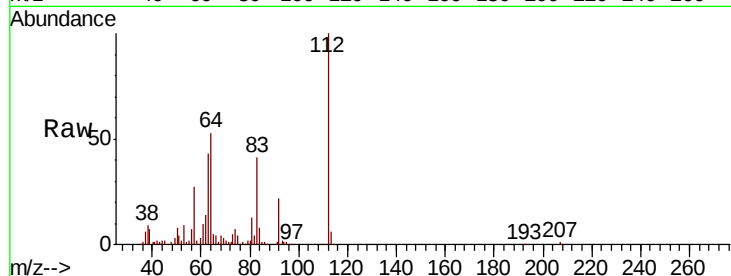
Tot Ion:112 Resp: 271993

Ion Ratio Lower Upper

112 100

64 53.5 38.6 57.8

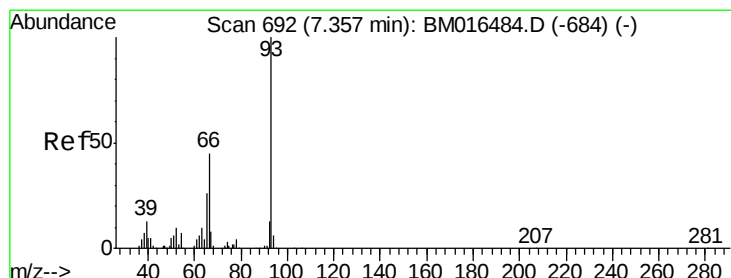
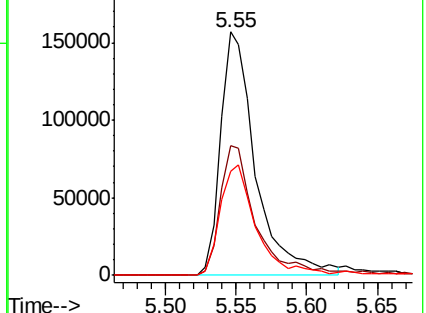
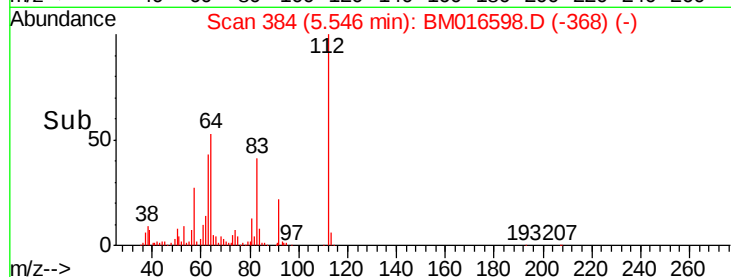
63 42.5 19.3 28.9#



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: 36.080 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.01 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

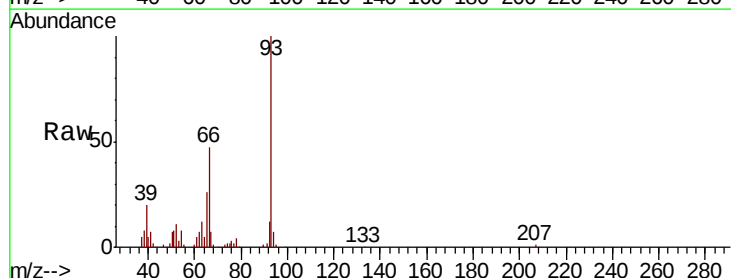
Tgt Ion: 93 Resp: 213178

Ion Ratio Lower Upper

93 100

66 46.6 30.8 46.2#

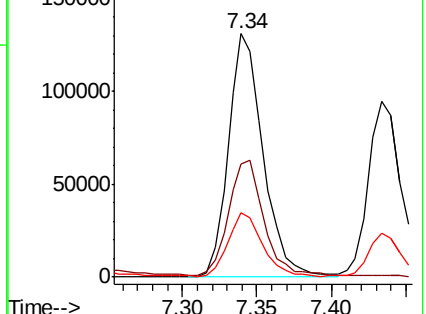
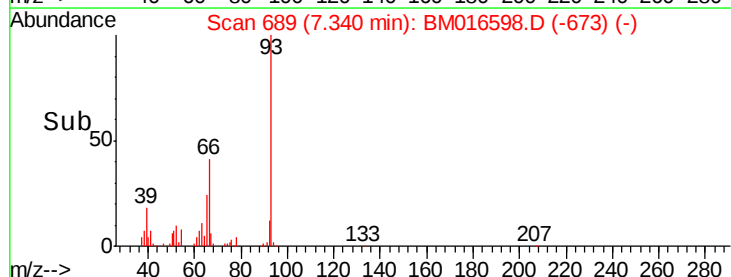
65 26.4 16.0 24.0#

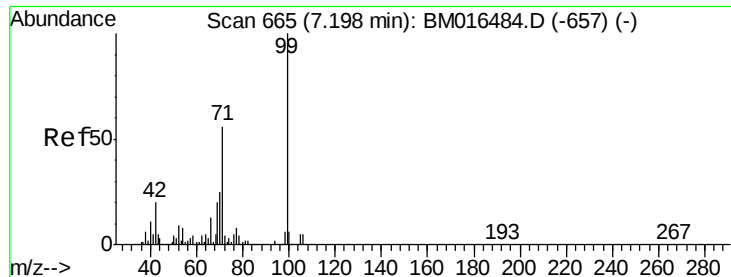


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 69.335 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Instrument :

BNA_M

ClientSampleId :

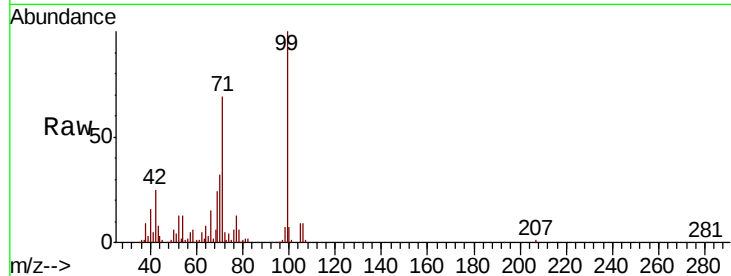
Tot Ion: 99 Resp: 366099

Ion Ratio Lower Upper

99 100

42 24.7 11.0 16.4#

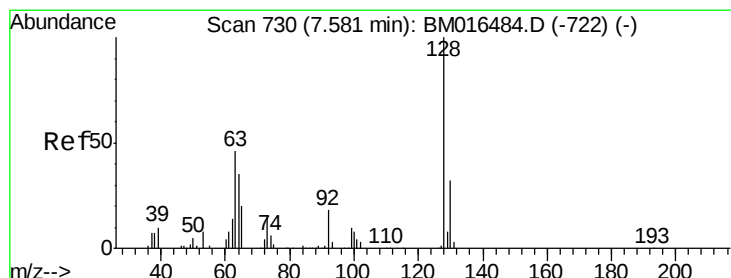
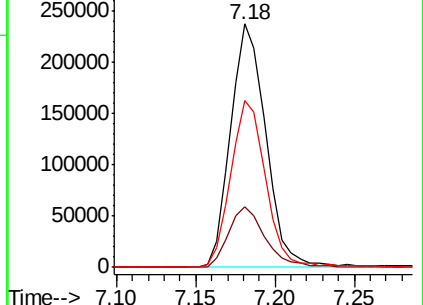
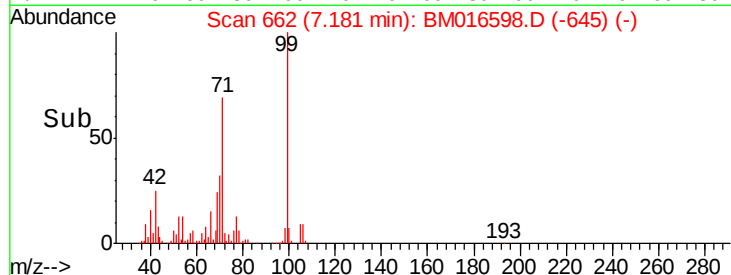
71 68.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016598.D (-645) (-)

Ion 42.00 (41.70 to 42.70): BM016598.D (-645) (-)

Ion 71.00 (70.70 to 71.70): BM016598.D (-645) (-)



#8

2-Chlorophenol

Concen: 37.757 ng

RT: 7.57 min Scan# 728

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

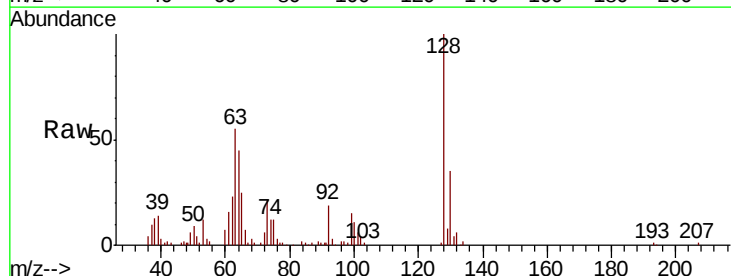
Tgt Ion: 128 Resp: 179269

Ion Ratio Lower Upper

128 100

130 34.9 12.0 52.0

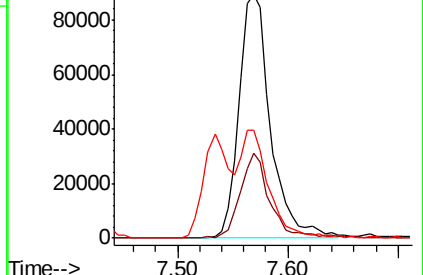
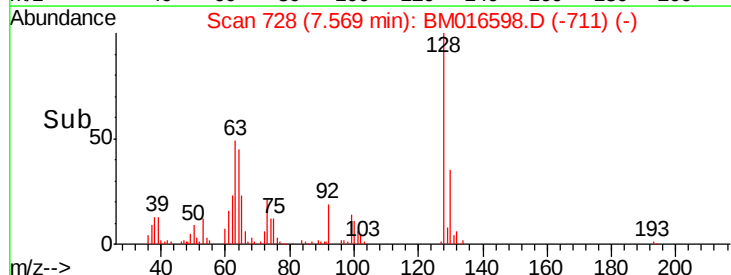
64 44.5 24.9 64.9

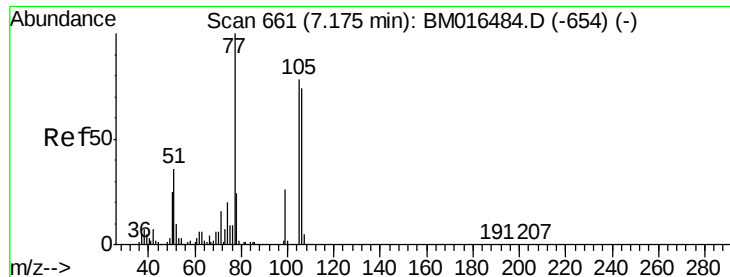


Abundance Ion 128.00 (127.70 to 128.70): BM016598.D (-711) (-)

Ion 130.00 (129.70 to 130.70): BM016598.D (-711) (-)

Ion 64.00 (63.70 to 64.70): BM016598.D (-711) (-)





#9

Benzaldehyde

Concen: 40.583 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Instrument :

BNA_M

ClientSampled :

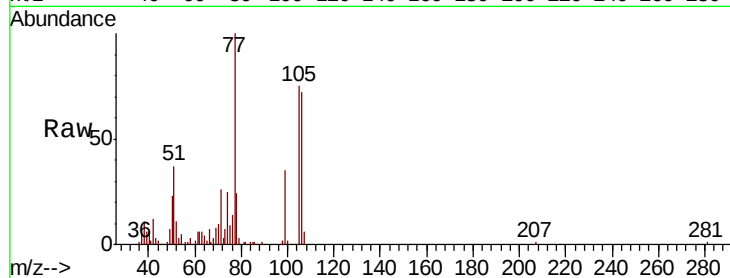
Tot Ion: 77 Resp: 148711

Ion Ratio Lower Upper

77 100

105 74.7 78.8 118.8#

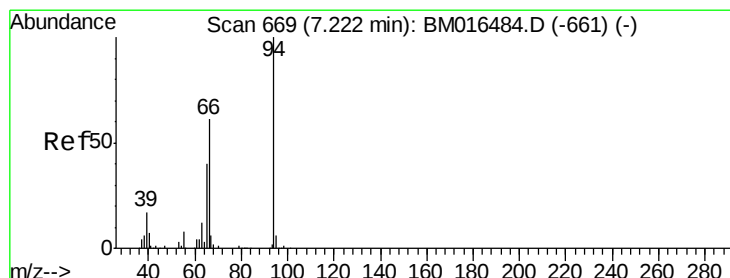
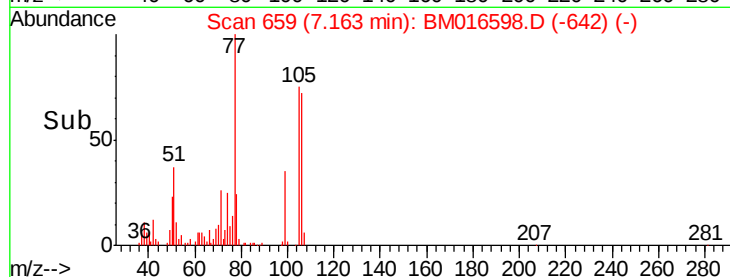
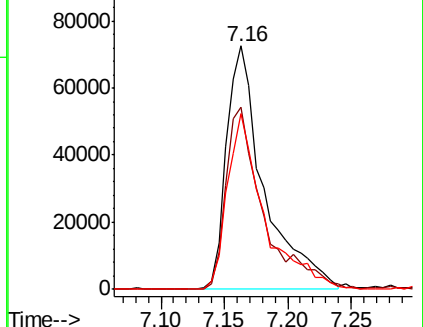
106 72.0 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016484.D (-654) (-)

Ion 105.00 (104.70 to 105.70): BM016484.D (-654) (-)

Ion 106.00 (105.70 to 106.70): BM016484.D (-654) (-)



#10

Phenol

Concen: 35.252 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

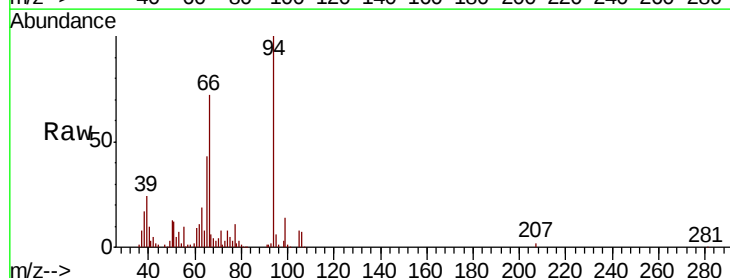
Tgt Ion: 94 Resp: 184078

Ion Ratio Lower Upper

94 100

65 43.2 18.8 58.8

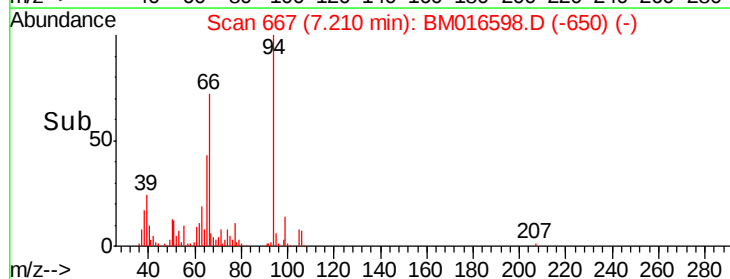
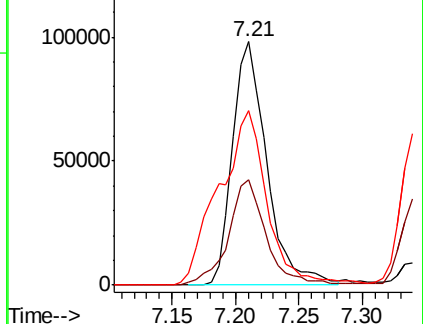
66 71.9 39.9 79.9

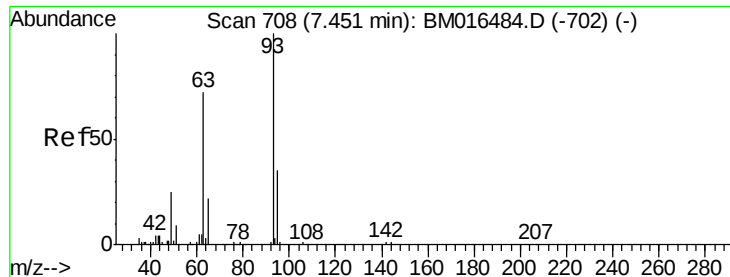


Abundance Ion 94.00 (93.70 to 94.70): BM016484.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM016484.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM016484.D (-661) (-)

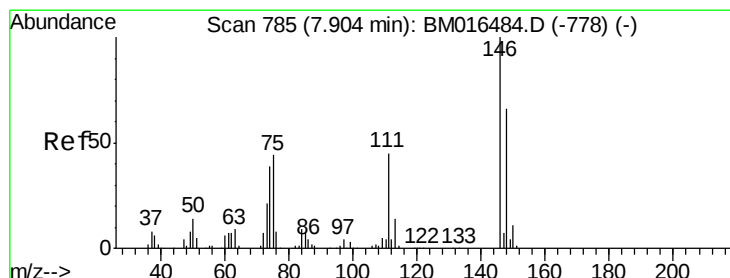
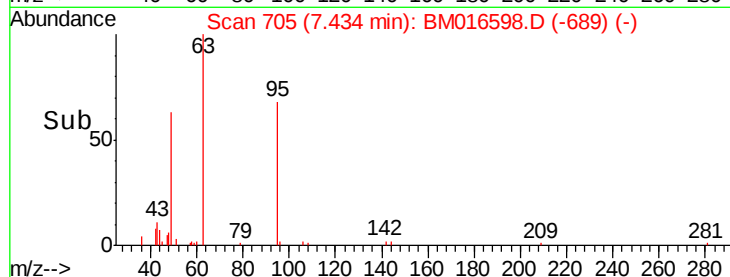
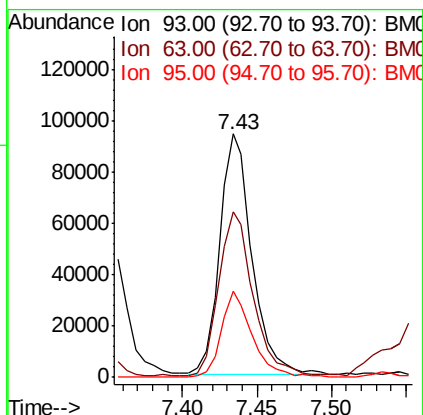
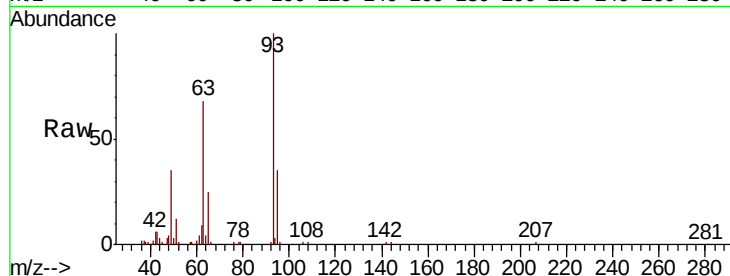




#11
bis(2-Chloroethyl)ether
Concen: 36.382 ng
RT: 7.43 min Scan# 705
Delta R.T. -0.01 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

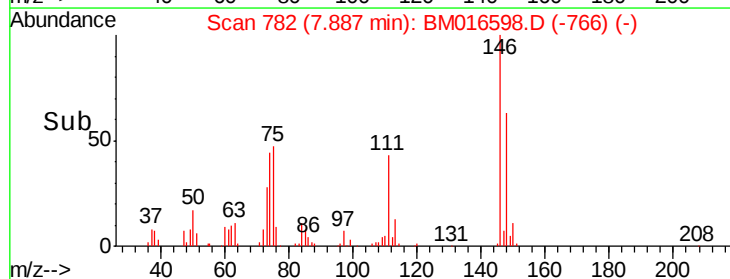
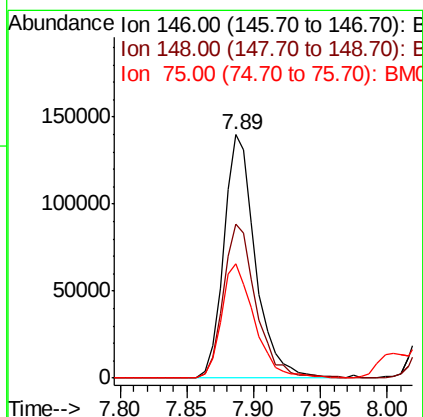
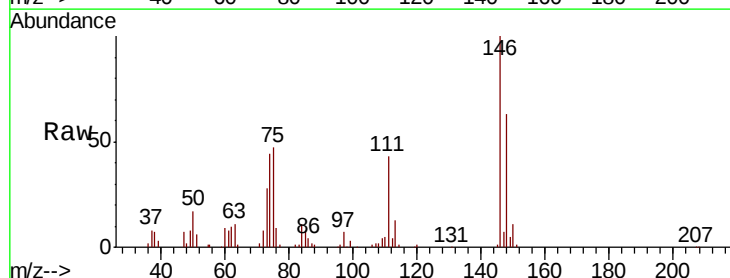
Instrument :
BNA_M
ClientSampleId :

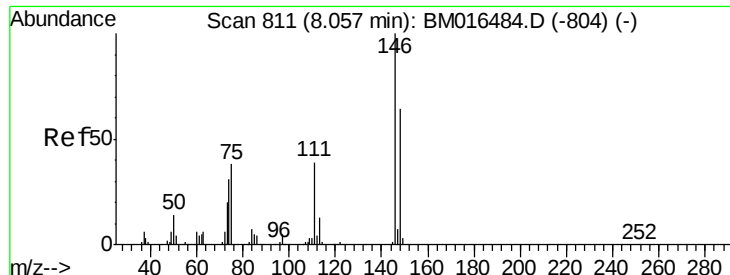
Tot Ion	Ratio	Lower	Upper
93	100		
63	67.9	49.5	89.5
95	35.4	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 36.758 ng
RT: 7.89 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.9	76.3
75	47.0	21.4	32.2

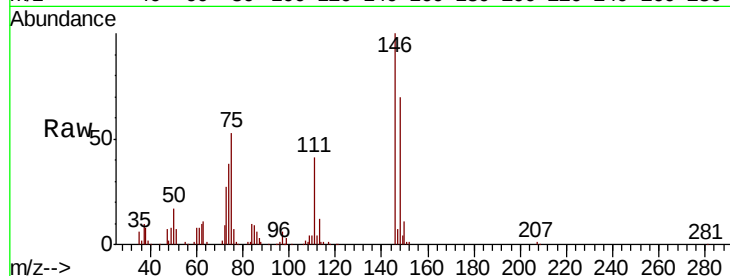




#13
 1,4-Dichlorobenzene
 Concen: 36.312 ng
 RT: 8.04 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.8	51.9	77.9
111	40.7	29.2	43.8

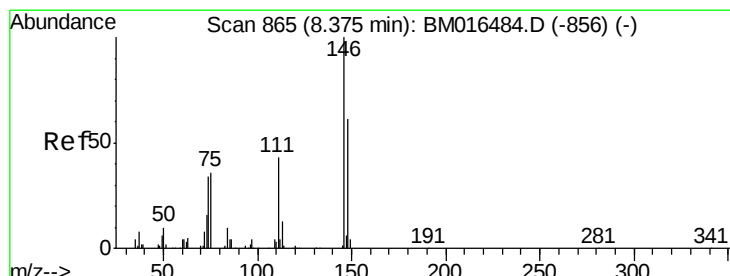
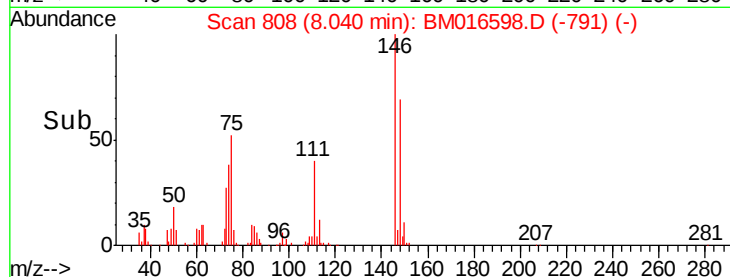
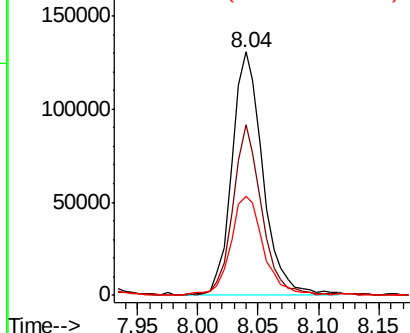


Abundance

Ion 146.00 (145.70 to 146.70): E

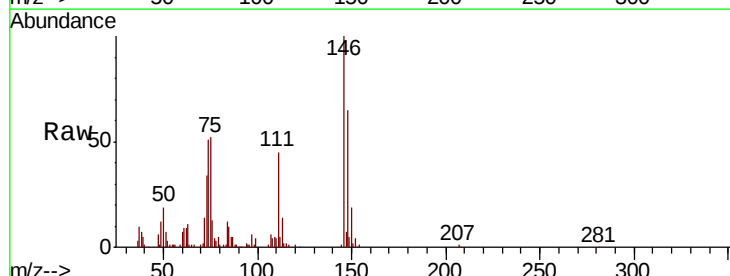
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 36.571 ng
 RT: 8.35 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.3	78.5
111	45.3	30.6	45.8

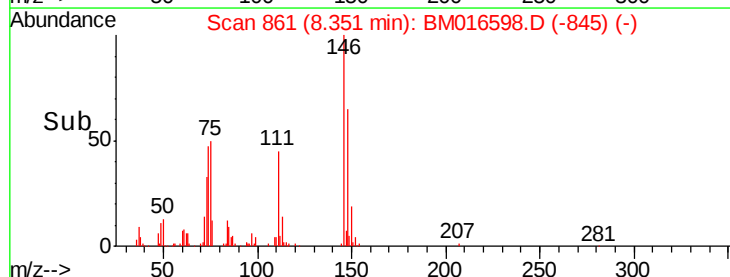
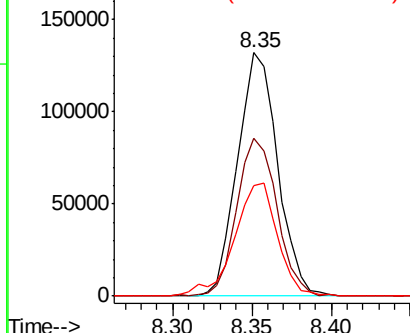


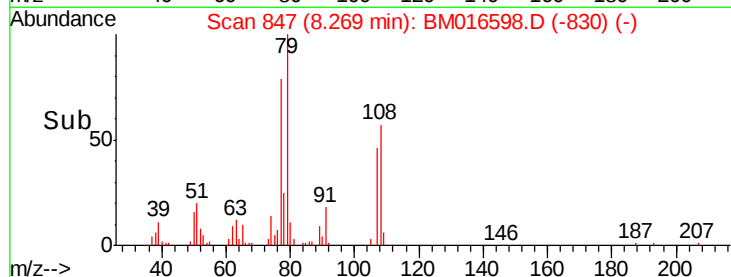
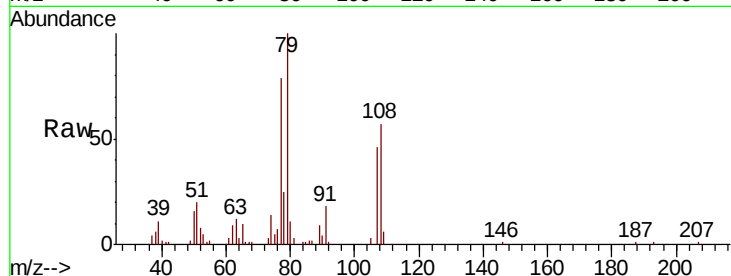
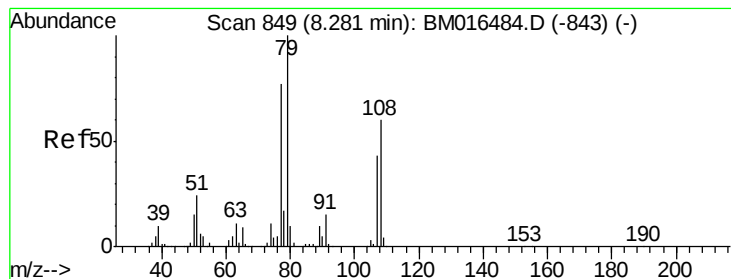
Abundance

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: 38.274 ng

RT: 8.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Instrument :

BNA_M

ClientSampleId :

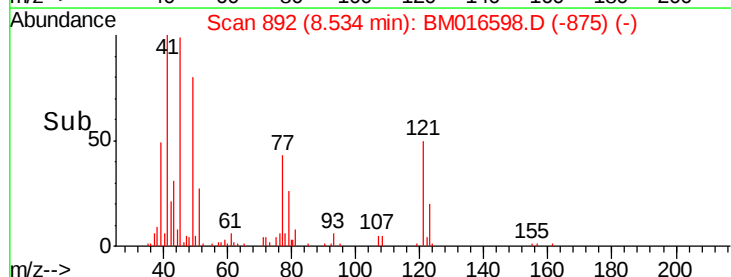
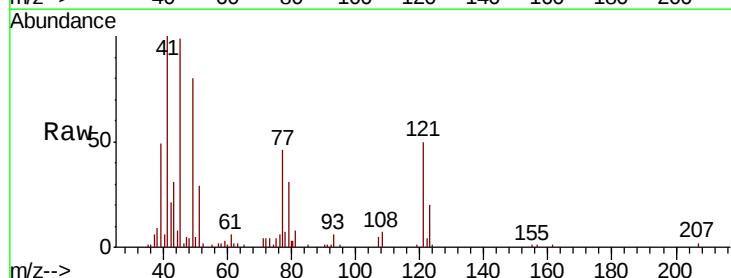
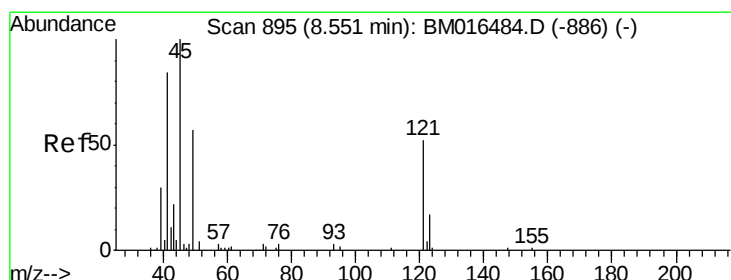
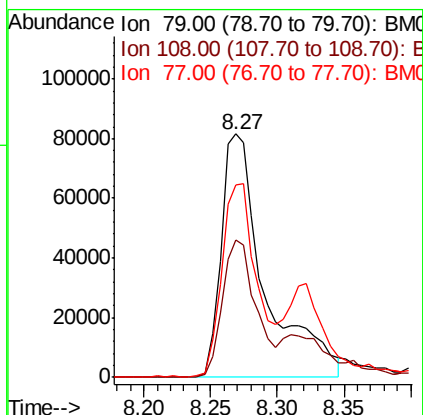
Tot Ion: 79 Resp: 187670

Ion Ratio Lower Upper

79 100

108 56.7 65.0 97.4#

77 78.9 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.685 ng

RT: 8.53 min Scan# 892

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

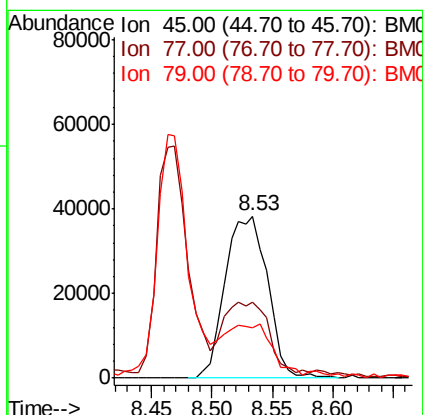
Tgt Ion: 45 Resp: 93518

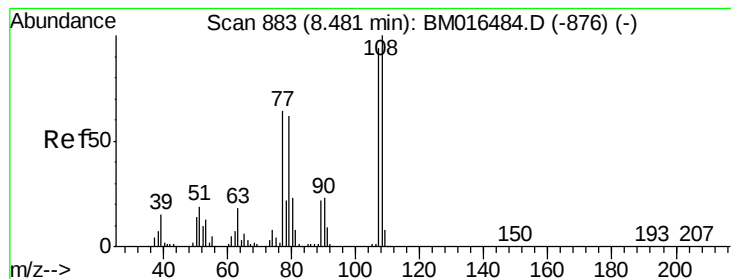
Ion Ratio Lower Upper

45 100

77 46.6 0.0 35.2#

79 31.4 0.0 32.0

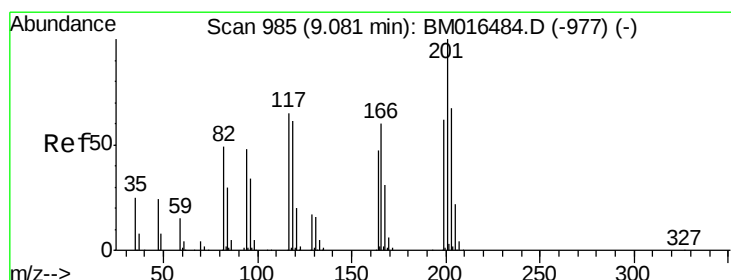
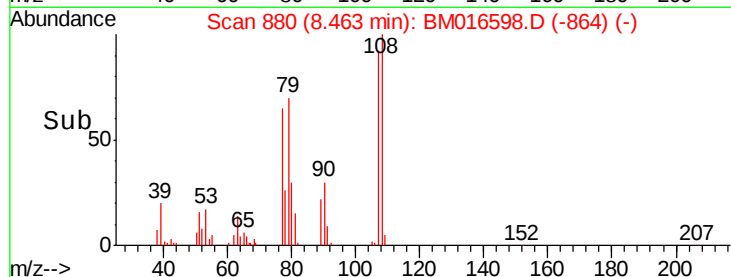
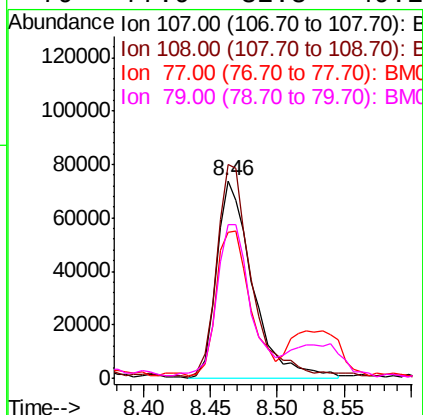
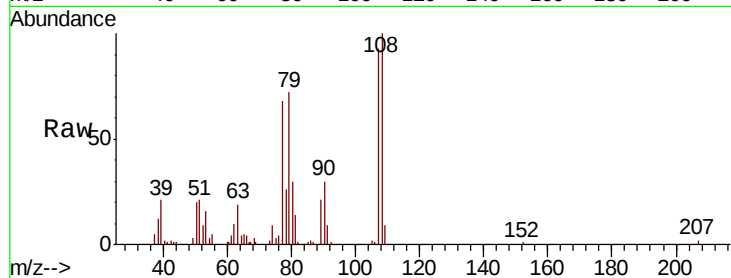




#17
2-Methylphenol
Concen: 37.122 ng
RT: 8.46 min Scan# 880
Delta R.T. -0.01 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

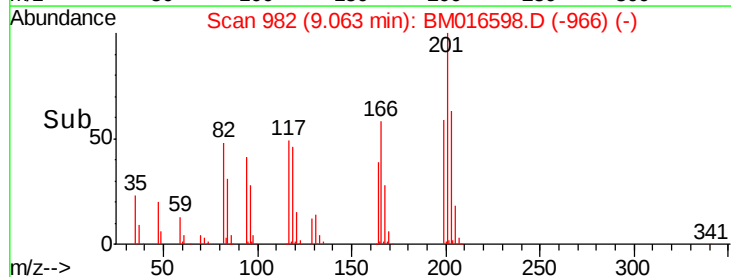
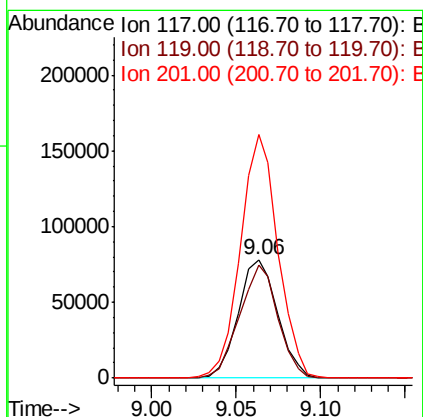
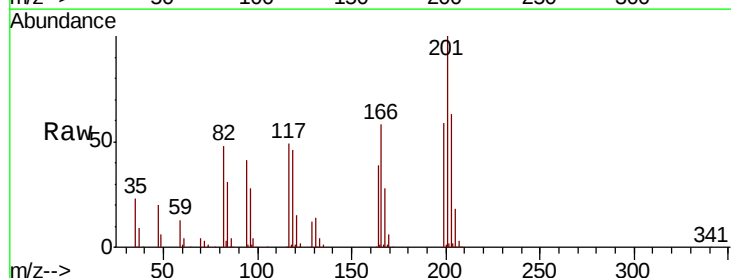
Instrument :
BNA_M
ClientSampleId :

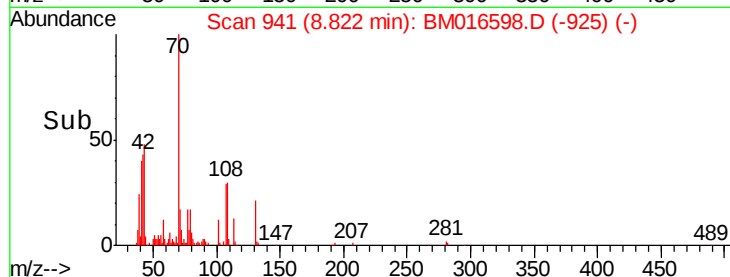
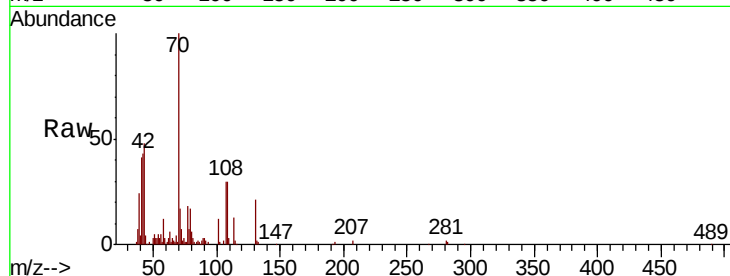
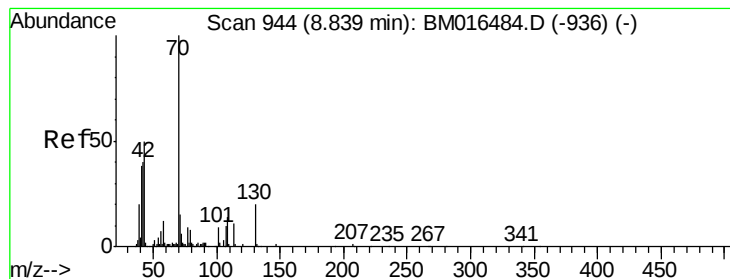
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.1	89.8	134.8
77	73.7	32.6	48.8#
79	77.9	32.8	49.2#



#18
Hexachloroethane
Concen: 42.663 ng
RT: 9.06 min Scan# 982
Delta R.T. -0.01 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	79.2	118.8
201	205.0	69.8	104.6#





#19

n-Nitroso-di-n-propylamine

Concen: 36.913 ng

RT: 8.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 152809

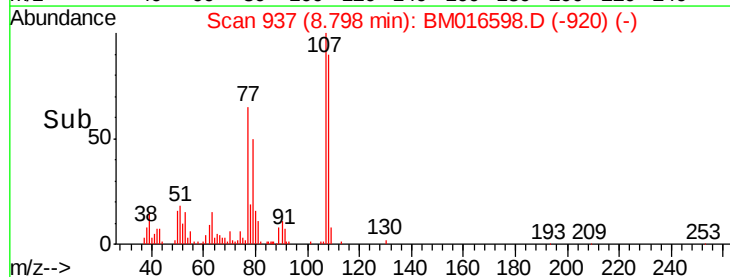
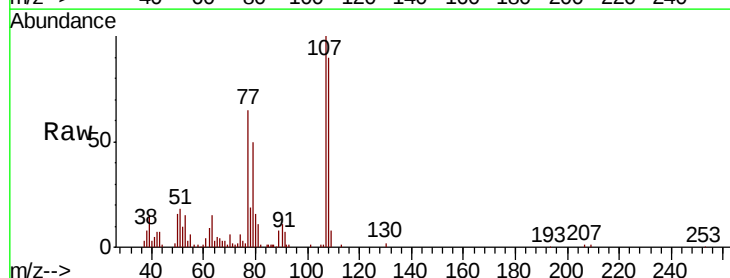
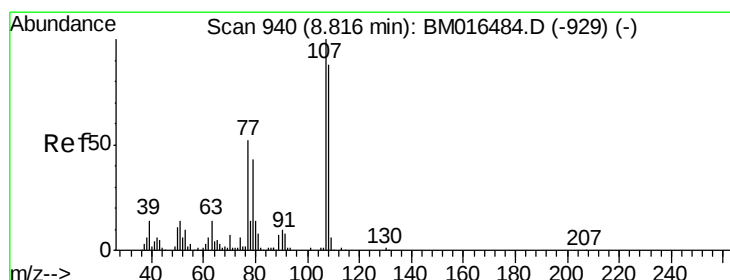
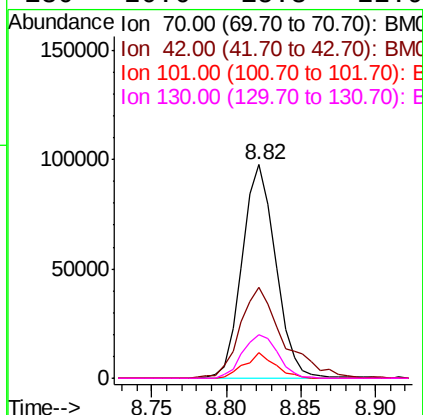
Ion Ratio Lower Upper

70 100

42 42.7 44.5 66.7#

101 12.0 7.4 11.2#

130 20.6 15.3 22.9



#20

3+4-Methylphenols

Concen: 33.436 ng

RT: 8.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Tgt Ion: 107 Resp: 174814

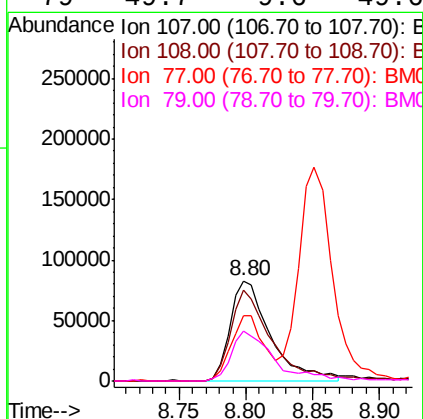
Ion Ratio Lower Upper

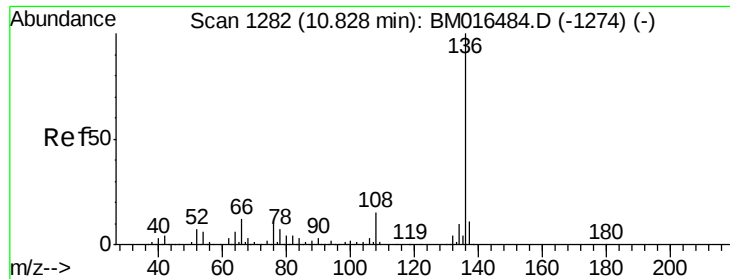
107 100

108 90.3 73.2 113.2

77 65.2 10.7 50.7#

79 49.7 9.6 49.6#

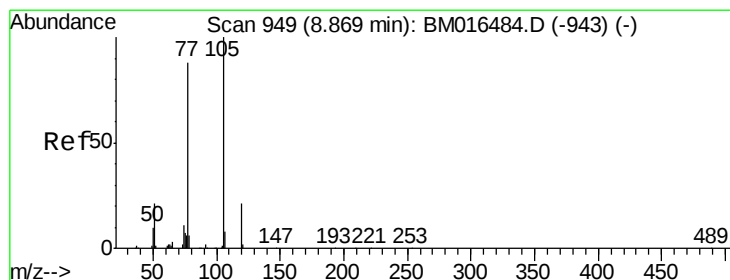
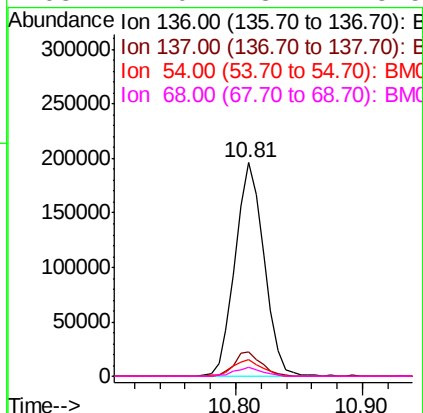
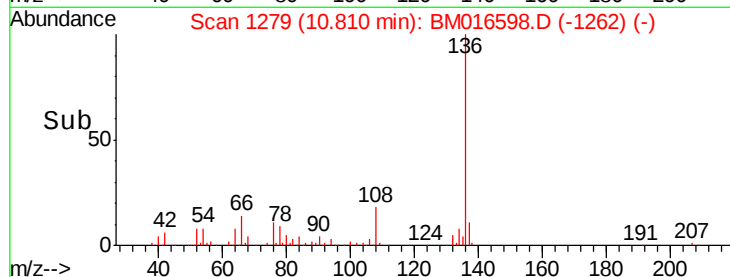
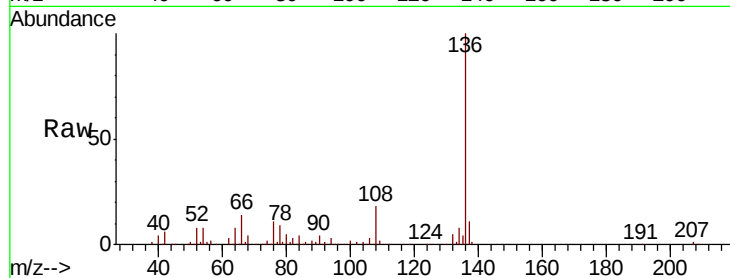




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

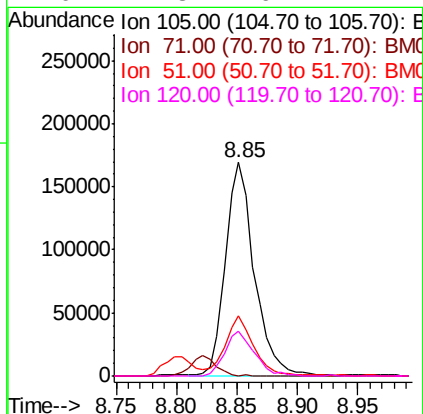
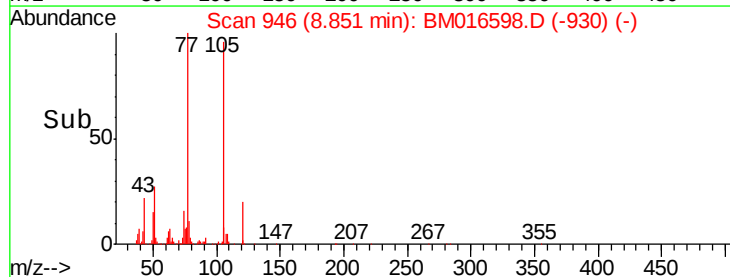
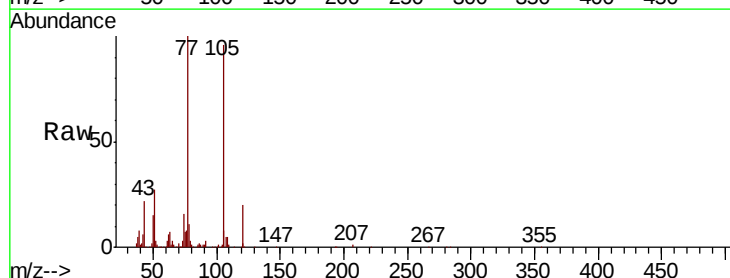
Instrument :
BNA_M
ClientSampleId :

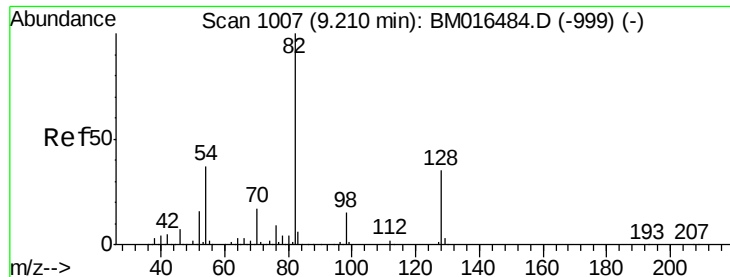
Tot Ion:136	Resp:	308781
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.7 13.1
54	7.9	4.6 6.8#
68	4.0	3.7 5.5



#22
Acetophenone
Concen: 37.374 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Tgt Ion:105	Resp:	277891
Ion Ratio	Lower	Upper
105	100	
71	0.2	0.6 1.0#
51	28.0	21.6 32.4
120	21.3	16.1 24.1

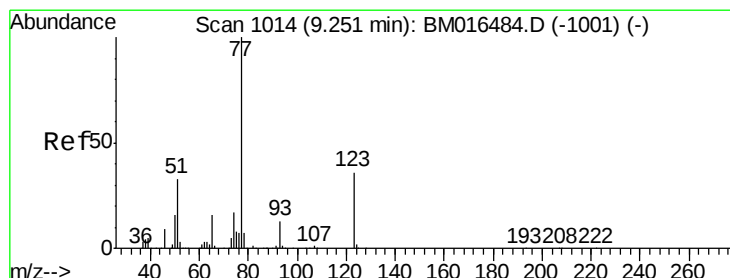
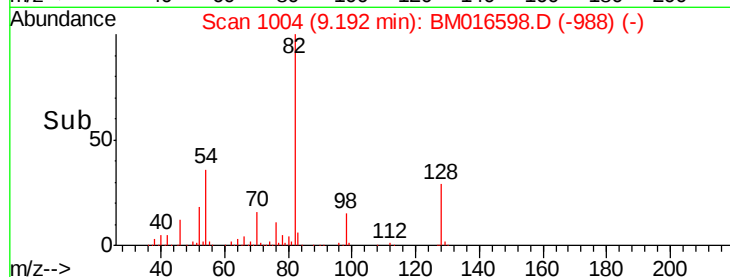
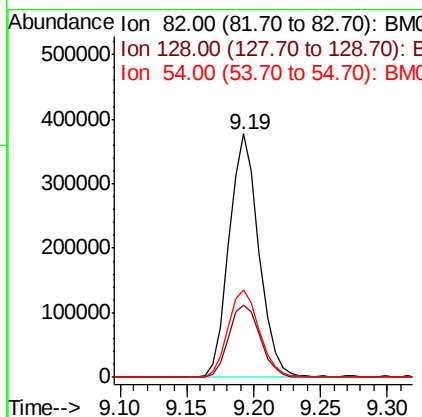
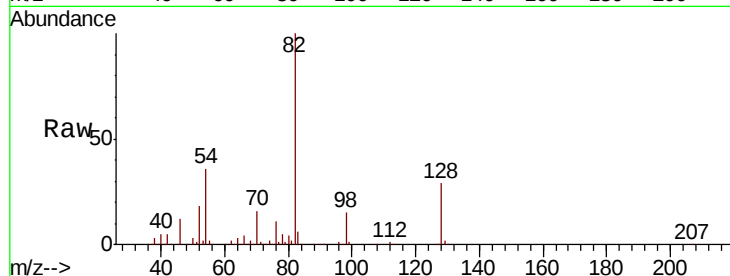




#23
 Nitrobenzene-d5
 Concen: 87.217 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

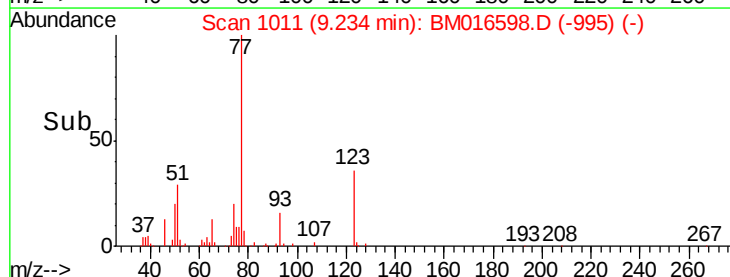
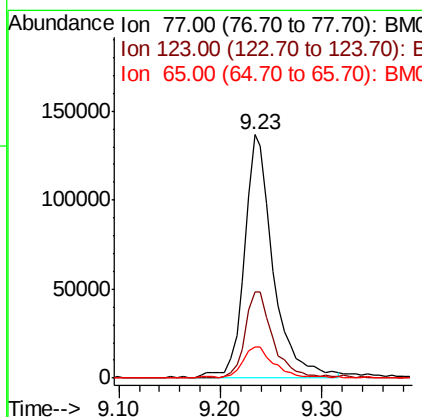
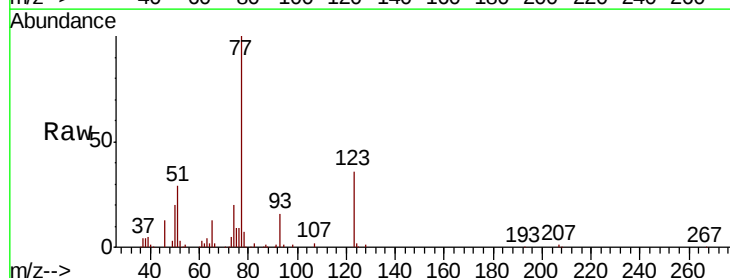
Instrument :
 BNA_M
 ClientSampleId :

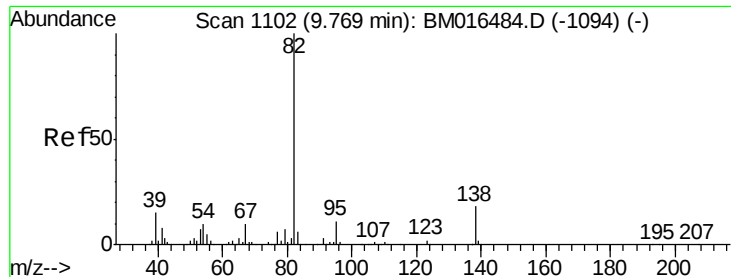
Tot Ion	82	Resp	589825
Ion Ratio	100	Lower	Upper
128	29.5	32.8	49.2#
54	35.7	40.6	60.8#



#24
 Nitrobenzene
 Concen: 39.894 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

Tgt Ion	77	Resp	269563
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
123	35.6	32.6	49.0
65	12.9	10.9	16.3

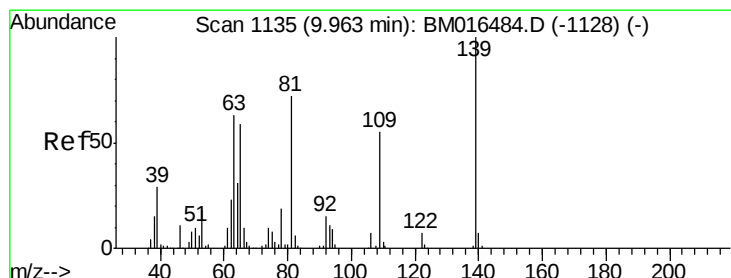
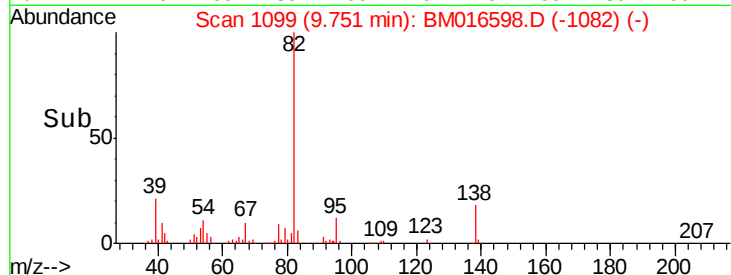
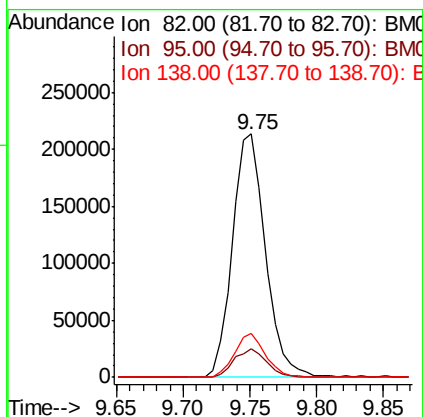
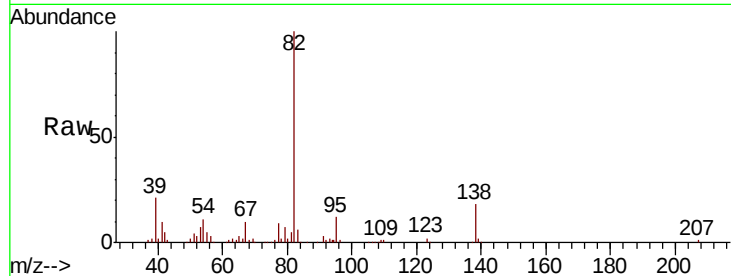




#25
Isophorone
Concen: 40.729 ng
RT: 9.75 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

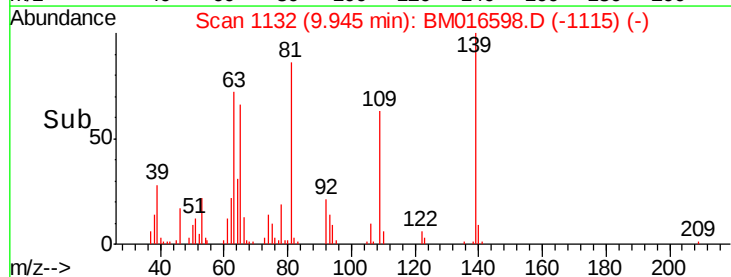
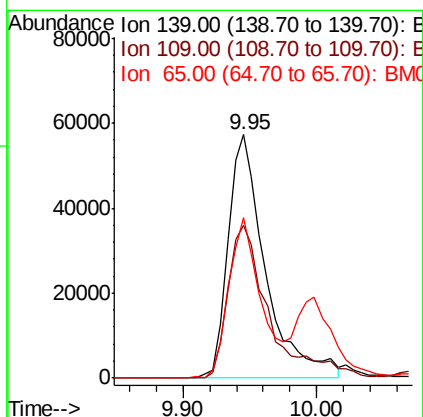
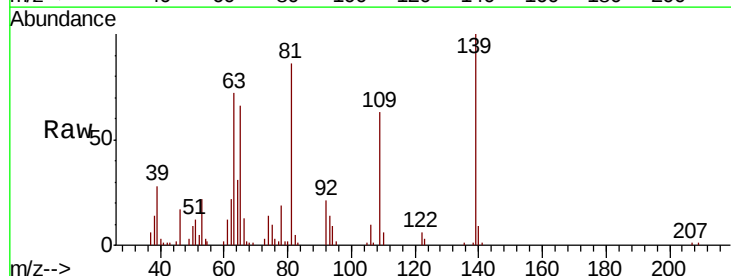
Instrument :
BNA_M
ClientSampled :

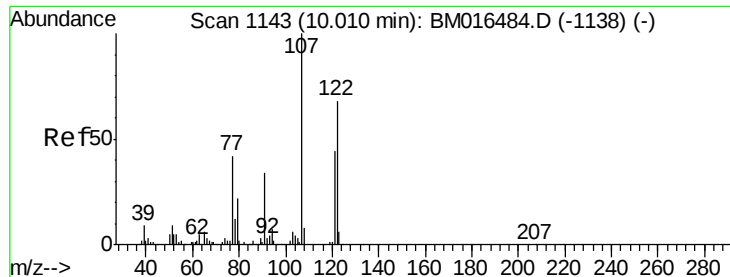
Tot Ion: 82 Resp: 368132
Ion Ratio Lower Upper
82 100
95 11.9 5.8 8.6#
138 18.3 16.3 24.5



#26
2-Nitrophenol
Concen: 38.737 ng
RT: 9.95 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Tgt Ion: 139 Resp: 111899
Ion Ratio Lower Upper
139 100
109 62.8 20.1 30.1#
65 65.9 31.5 47.3#

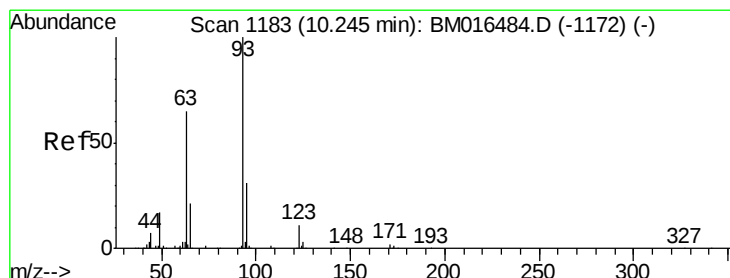
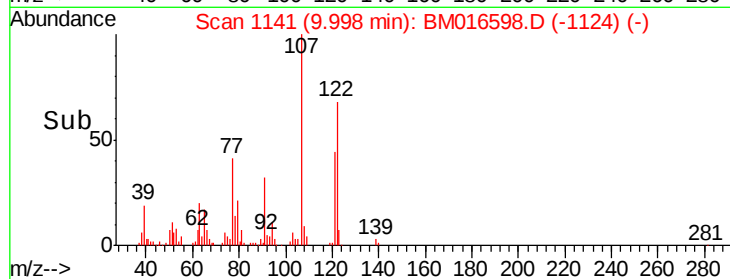
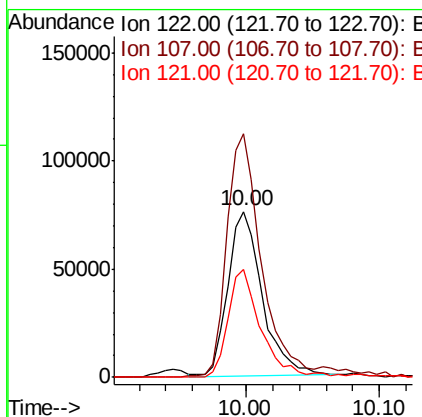
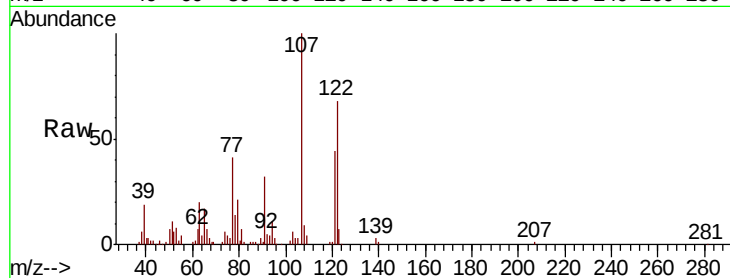




#27
 2,4-Dimethylphenol
 Concen: 36.539 ng
 RT: 10.00 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

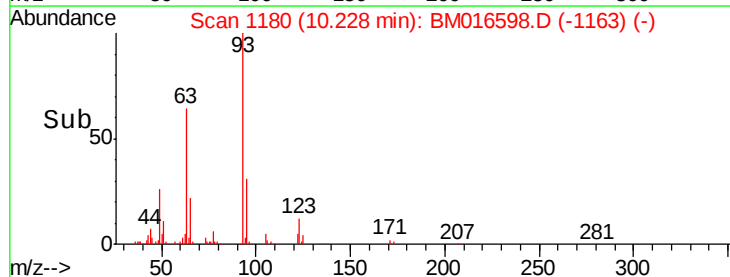
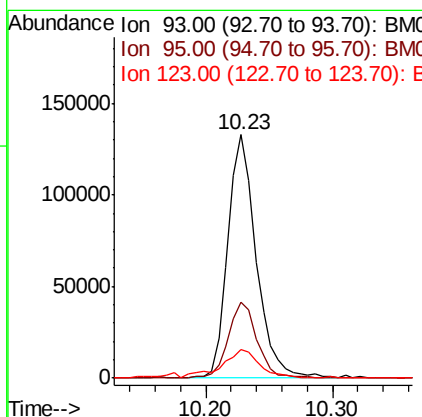
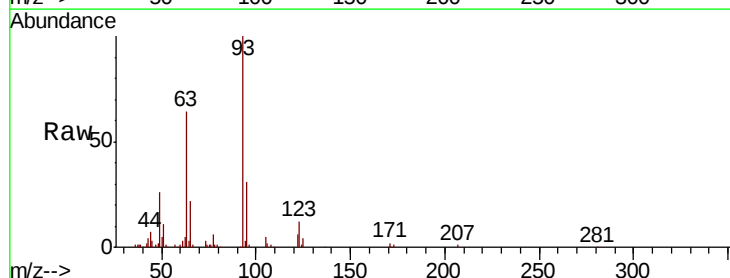
Instrument :
 BNA_M
 ClientSampled :

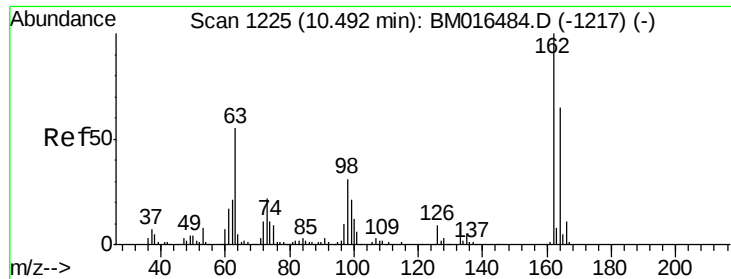
Tot Ion	Ratio	Lower	Upper
122	100		
107	146.7	84.7	127.1#
121	65.1	46.6	69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.119 ng
 RT: 10.23 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.5	38.3
123	12.0	8.6	13.0

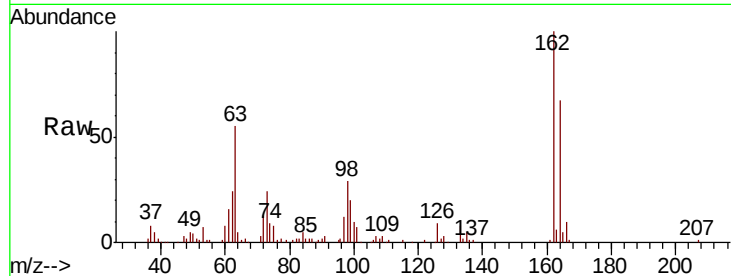




#29
 2,4-Dichlorophenol
 Concen: 42.850 ng
 RT: 10.48 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	42.8	82.8
98	28.5	14.5	54.5

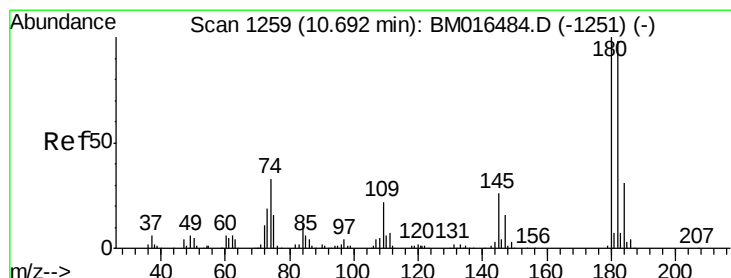
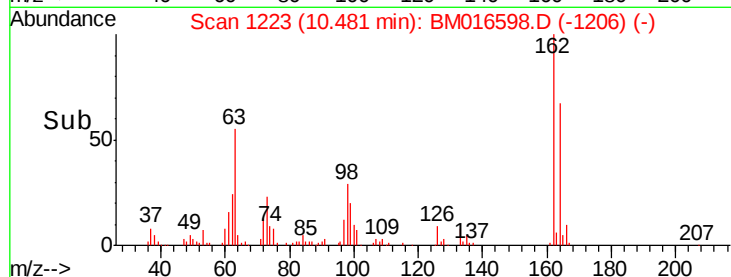
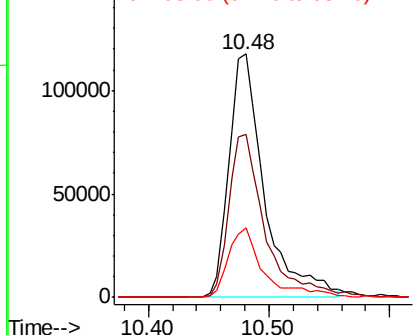


Abundance

Ion 162.00 (161.70 to 162.70): E

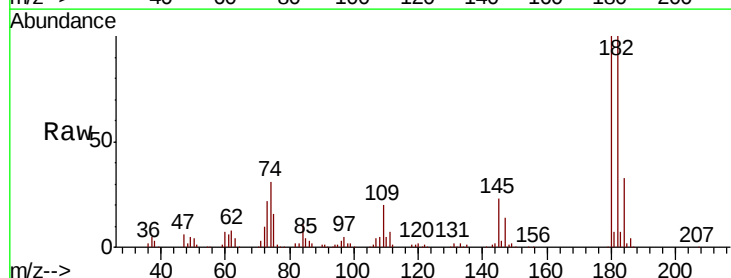
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 47.986 ng
 RT: 10.67 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	77.6	116.4
145	22.6	23.4	35.2#

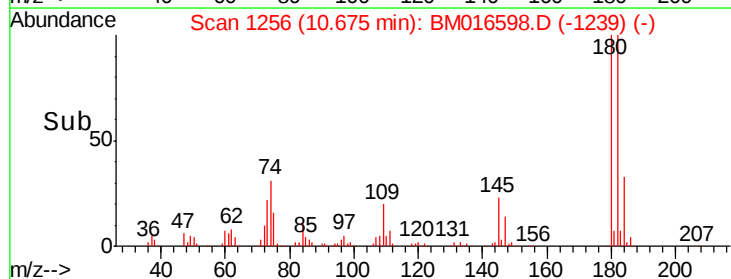
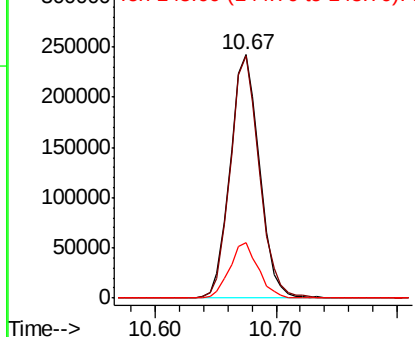


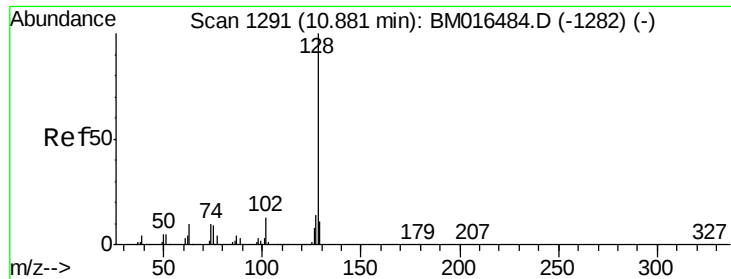
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

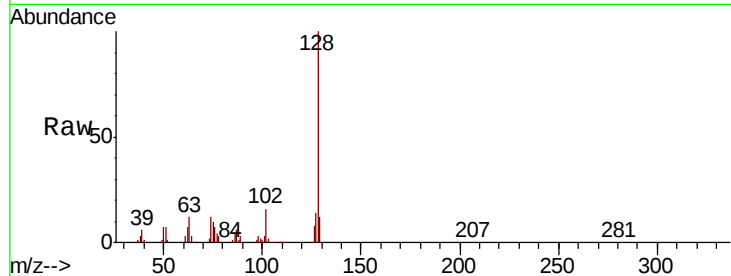




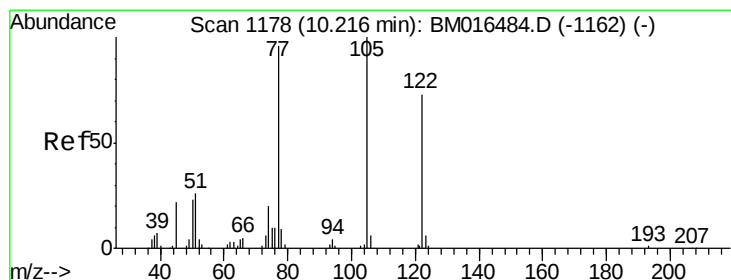
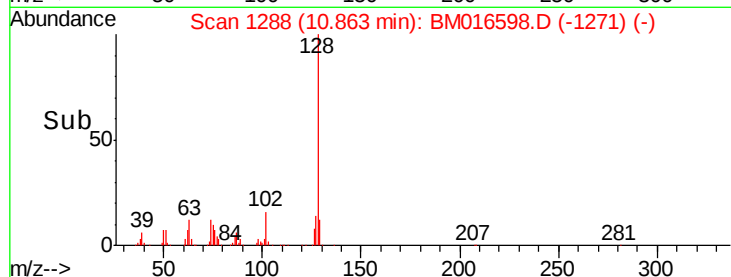
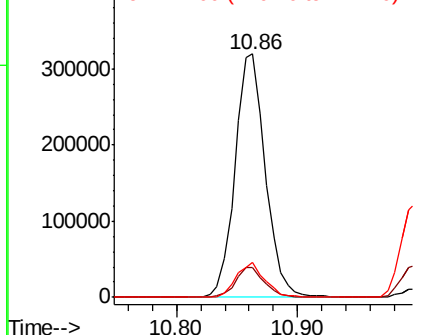
#31
Naphthalene
Concen: 38.043 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.9	13.3
127	14.1	10.4	15.6

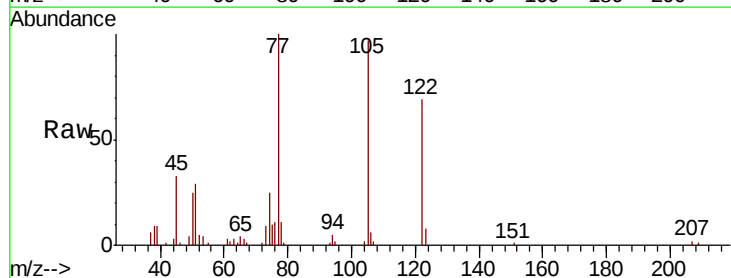


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

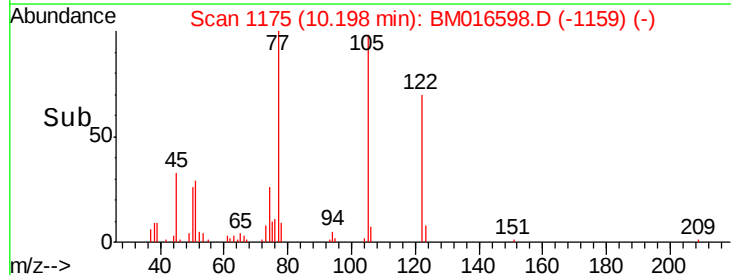
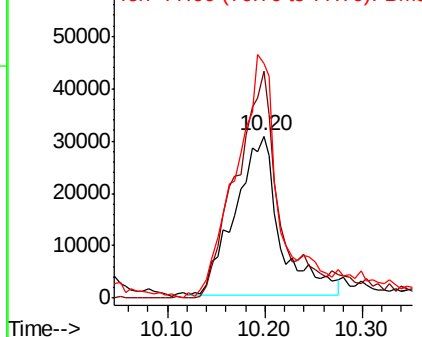


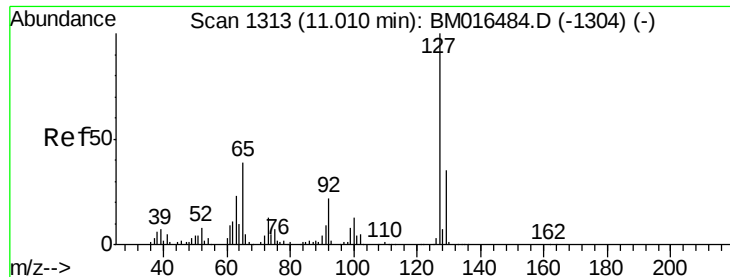
#32
Benzoic acid
Concen: 31.176 ng
RT: 10.20 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.1	99.9	139.9#
77	144.8	73.7	113.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

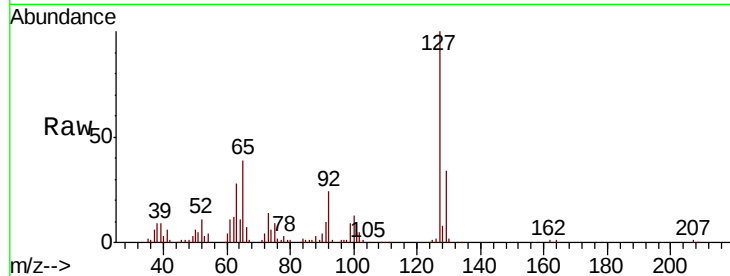




#33
4-Chloroaniline
Concen: 37.418 ng
RT: 11.00 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.3	37.9
65	39.4	17.6	26.4
92	23.9	13.1	19.7



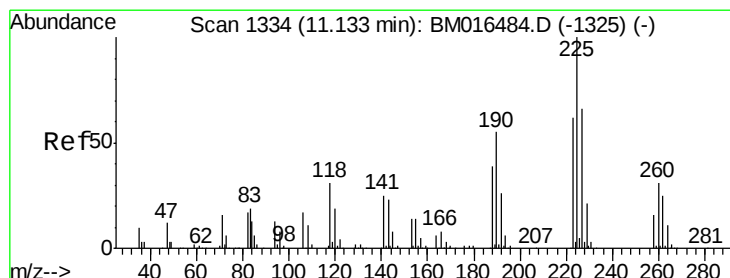
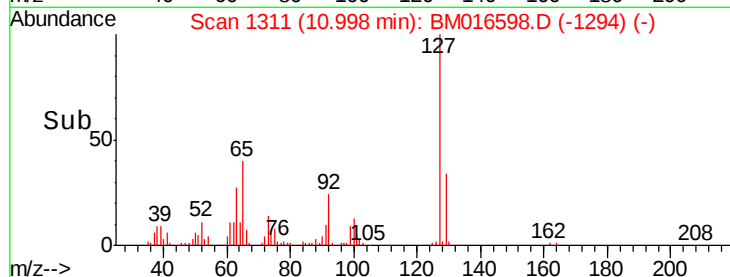
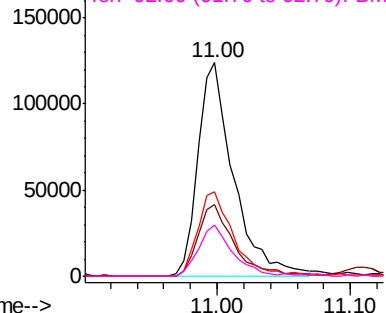
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

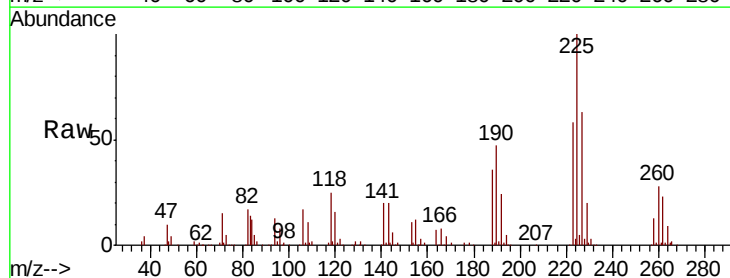
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 53.805 ng
RT: 11.11 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.1	47.9	71.9
227	63.2	50.1	75.1

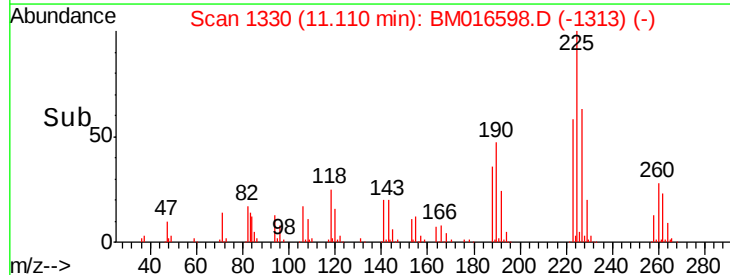
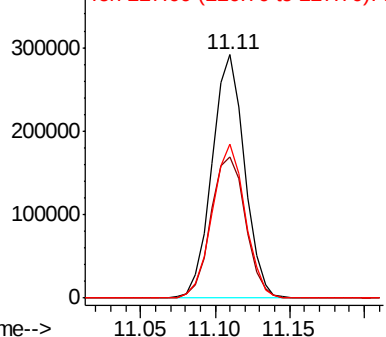


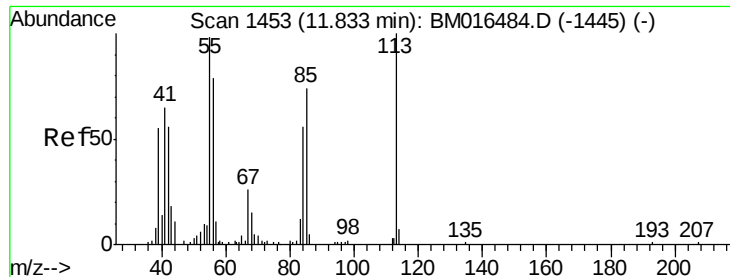
Abundance

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: 37.729 ng

RT: 11.82 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Instrument :

BNA_M

ClientSampleId :

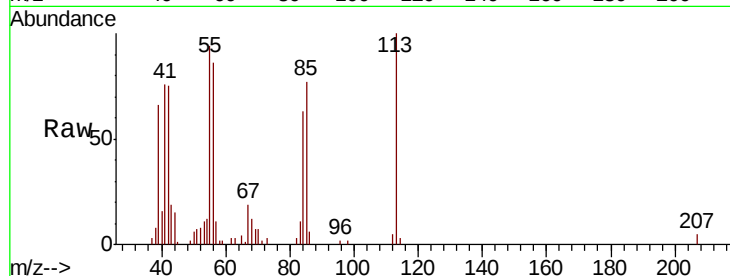
Tot Ion:113 Resp: 51007

Ion Ratio Lower Upper

113 100

55 94.0 145.9 185.9#

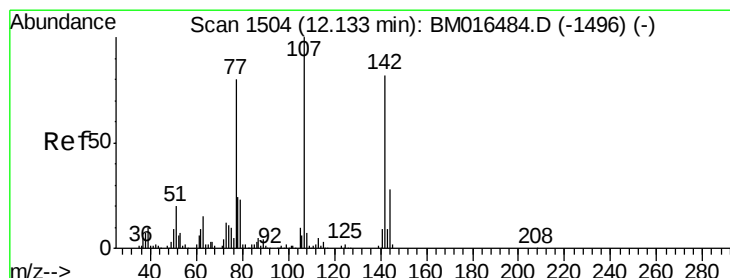
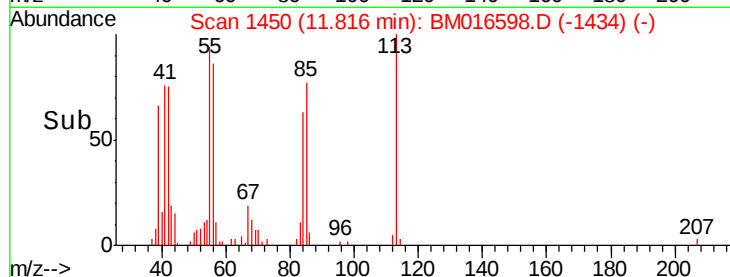
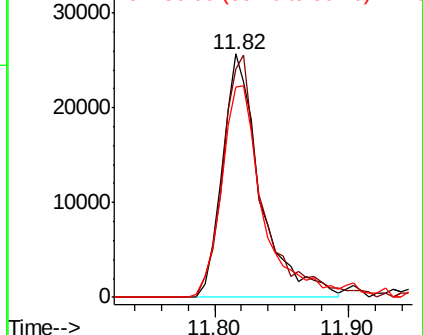
56 86.2 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 37.965 ng

RT: 12.12 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

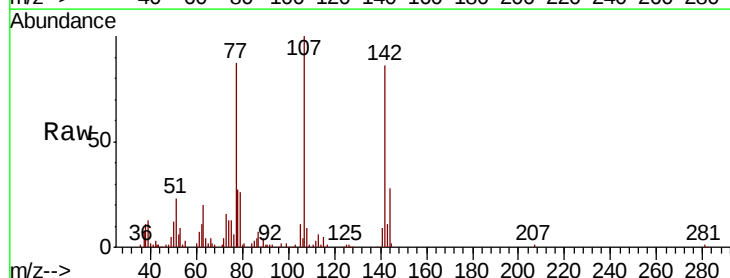
Tgt Ion:107 Resp: 205638

Ion Ratio Lower Upper

107 100

144 28.4 23.3 34.9

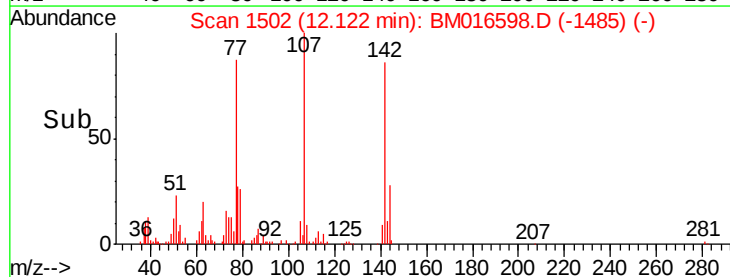
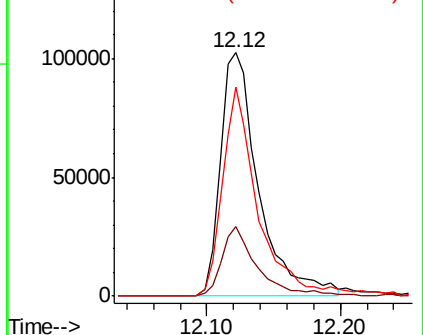
142 85.6 72.6 109.0

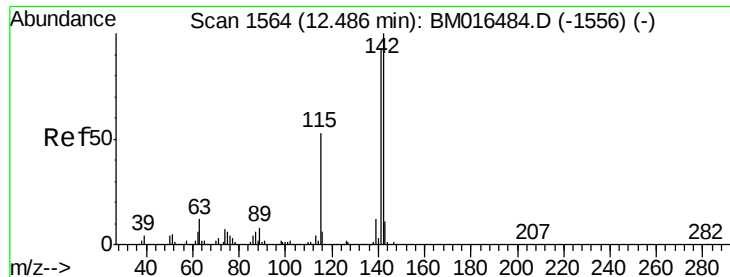


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

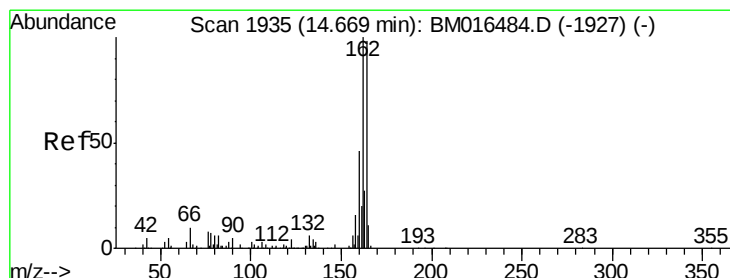
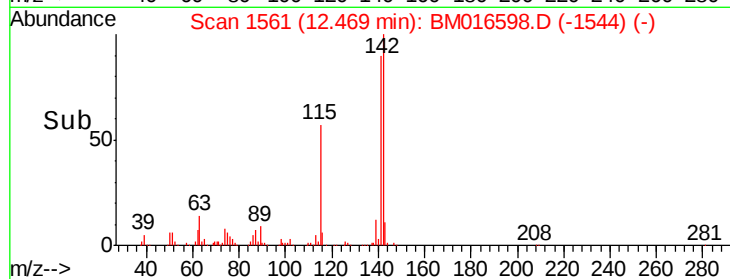
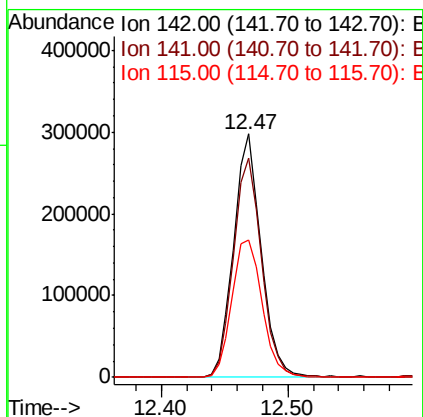
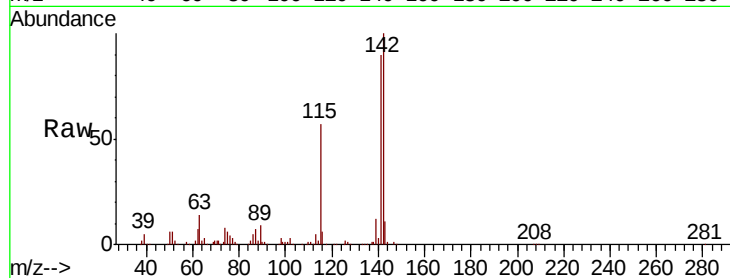




#37
 2-Methylnaphthalene
 Concen: 38.896 ng
 RT: 12.47 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

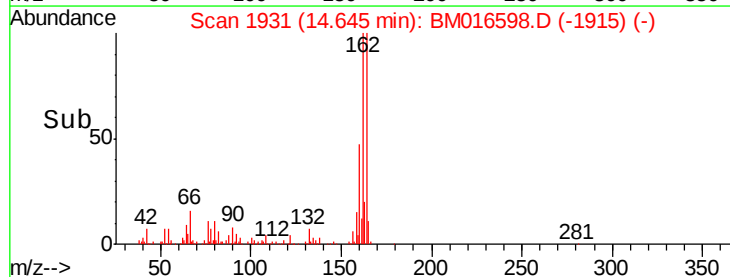
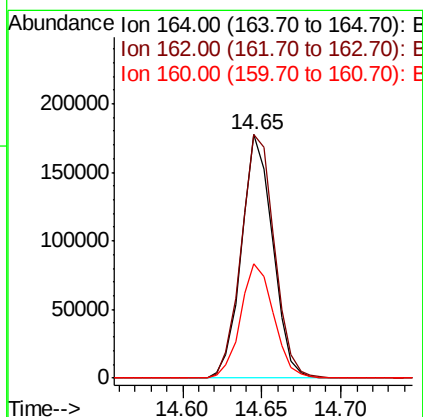
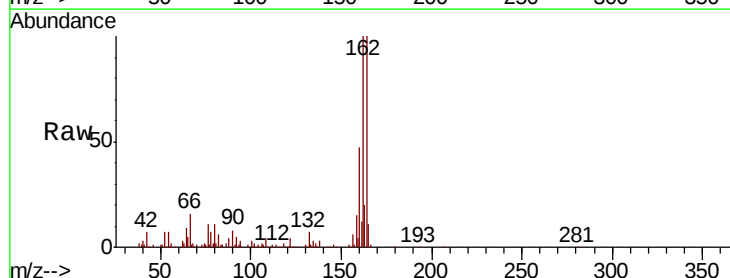
Instrument :
 BNA_M
 ClientSampleId :

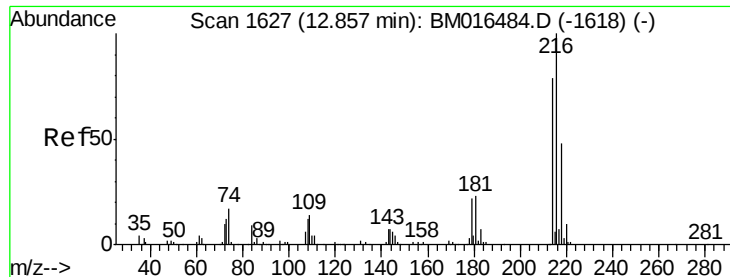
Tot Ion:142 Resp: 447970
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.9 107.9
 115 56.6 25.4 38.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

Tgt Ion:164 Resp: 243117
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.4 123.6
 160 46.9 35.8 53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.904 ng

RT: 12.83 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 630294

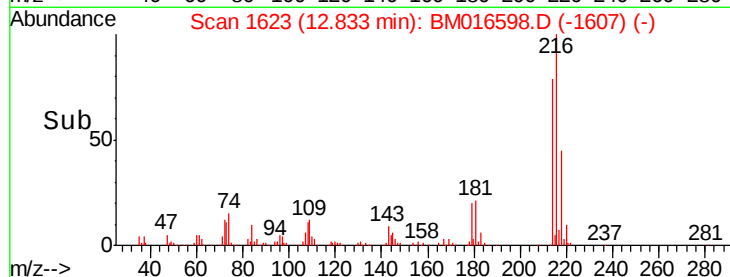
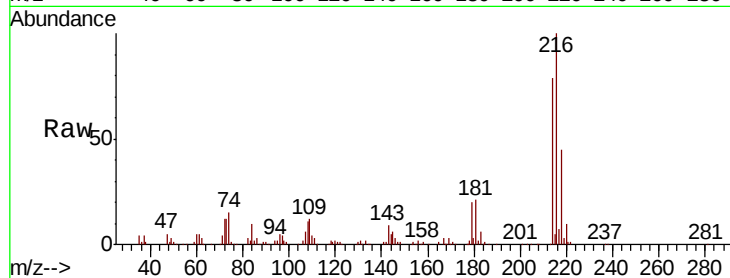
Ion Ratio Lower Upper

216 100

214 79.4 0.0 0.0#

179 19.4 0.0 0.0#

108 12.2 0.0 0.0#



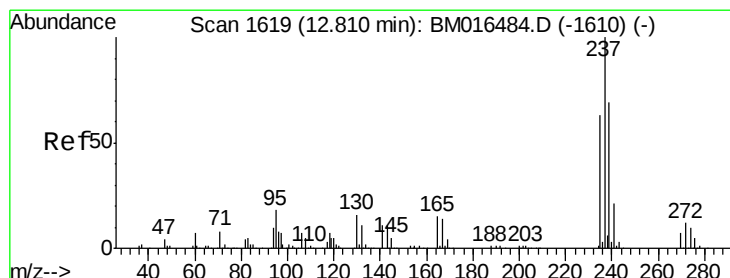
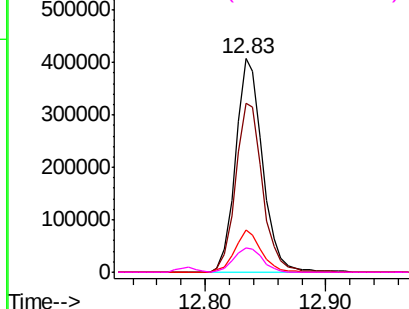
Abundance

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: 46.289 ng

RT: 12.79 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

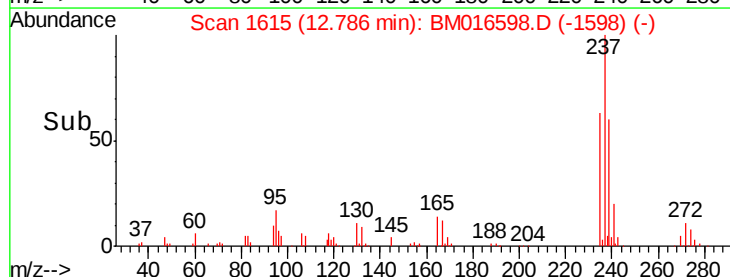
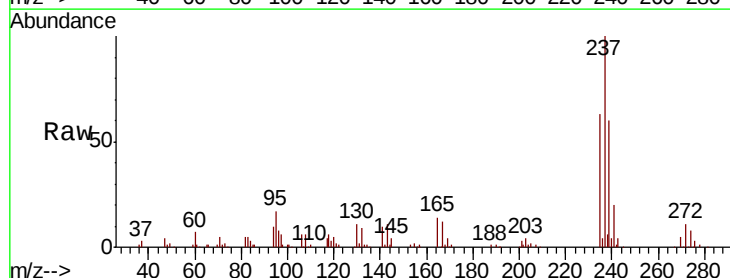
Tgt Ion:237 Resp: 235549

Ion Ratio Lower Upper

237 100

235 62.6 42.0 82.0

272 10.7 0.0 33.4

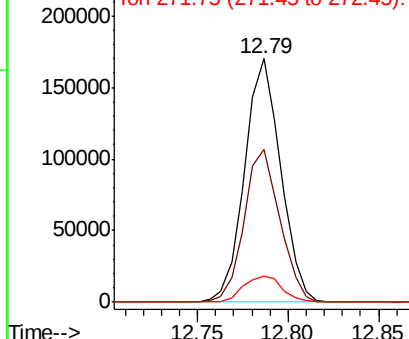


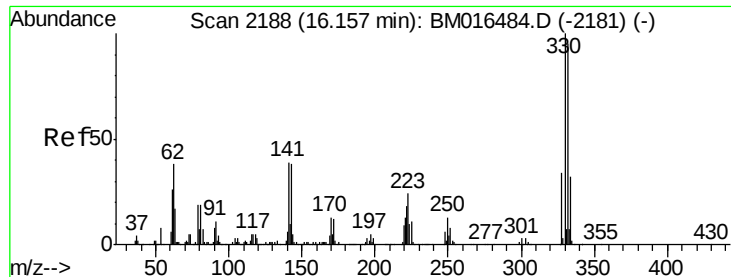
Abundance

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

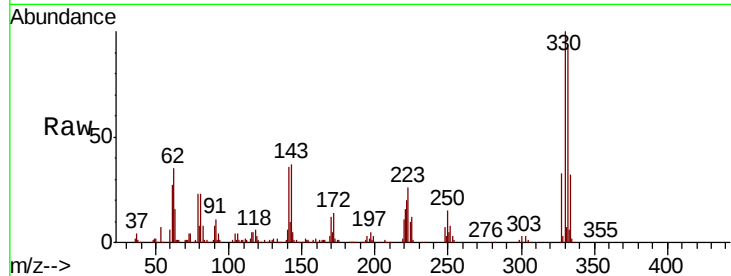




#41
 2,4,6-Tribromophenol
 Concen: 82.378 ng
 RT: 16.14 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	37.0	0.0	0.0#

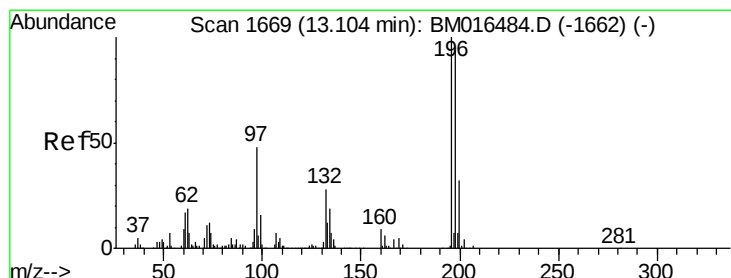
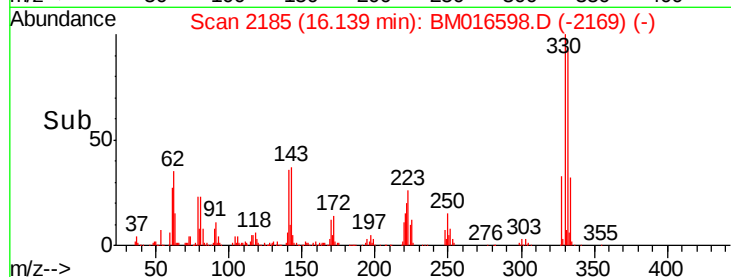
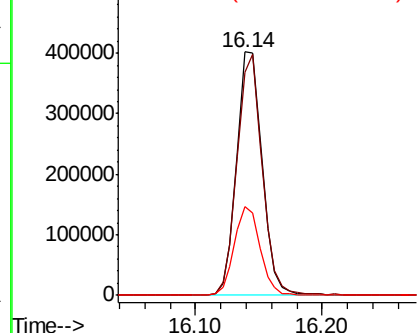


Abundance

Ion 329.80 (329.50 to 330.50): E

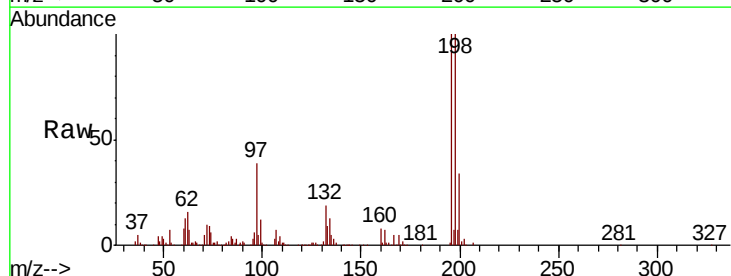
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.233 ng
 RT: 13.09 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.3	76.3	114.5
200	34.3	25.6	38.4

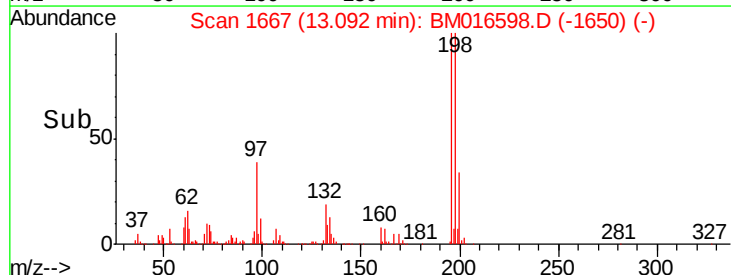
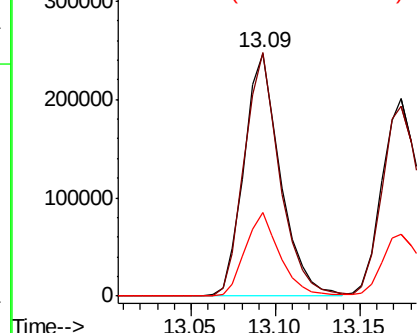


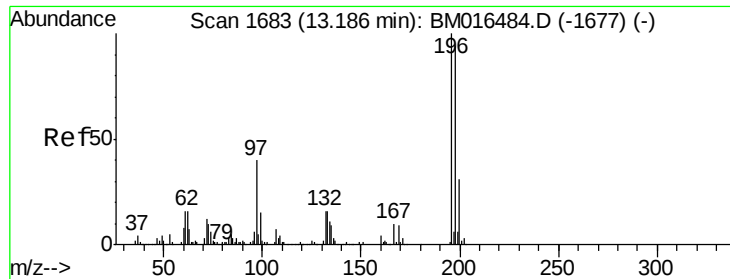
Abundance

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

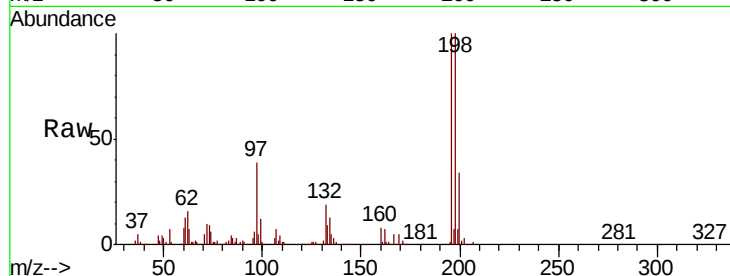




#43
2,4,5-Trichlorophenol
Concen: 37.484 ng
RT: 13.09 min Scan# 1667
Delta R.T. -0.08 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.3	79.4	119.0
97	39.3	26.8	40.2
132	19.3	18.6	28.0



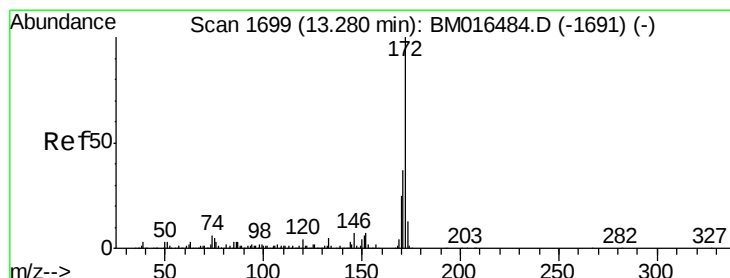
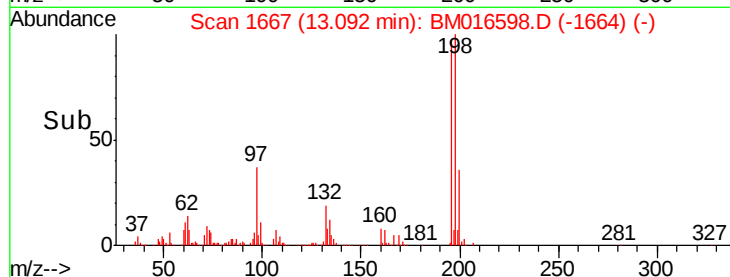
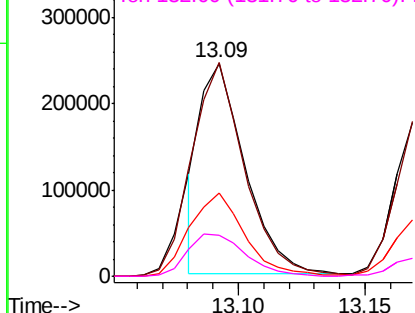
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

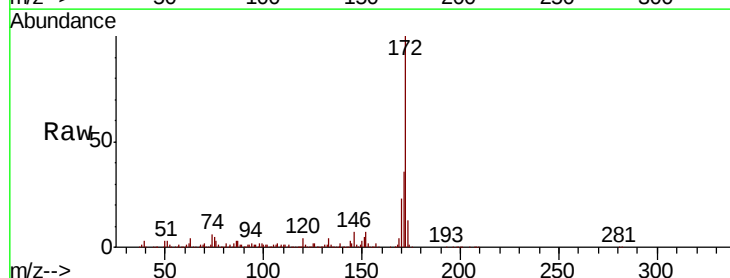
Ion 97.00 (96.70 to 97.70): BMO

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 85.617 ng
RT: 13.26 min Scan# 1696
Delta R.T. -0.01 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.4	18.8	28.2

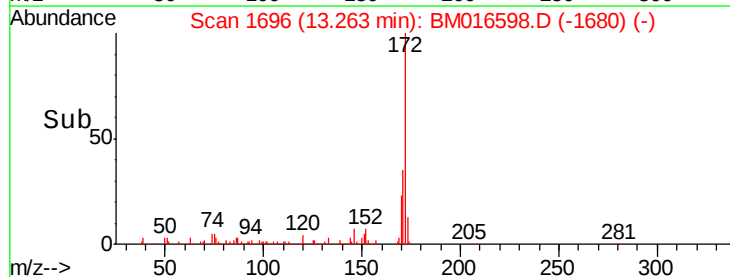
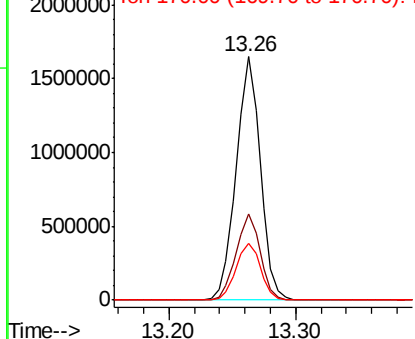


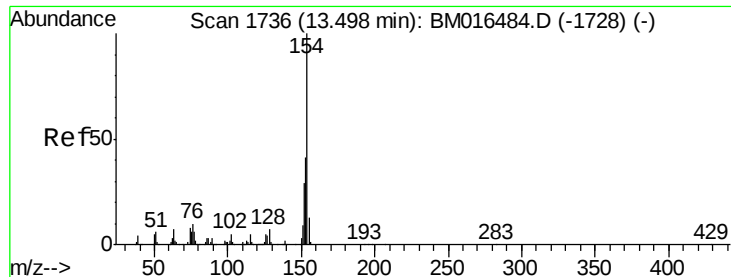
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 34.925 ng

RT: 13.47 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Instrument :

BNA_M

ClientSampleId :

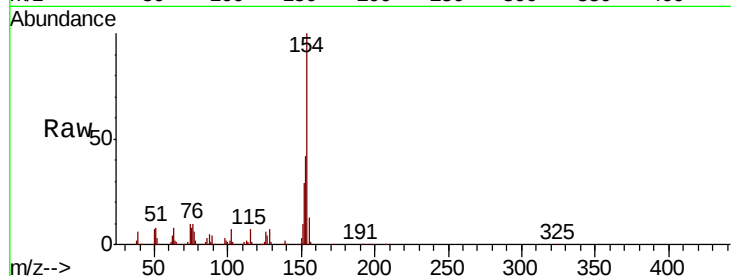
Tot Ion:154 Resp: 744514

Ion Ratio Lower Upper

154 100

153 42.1 20.7 60.7

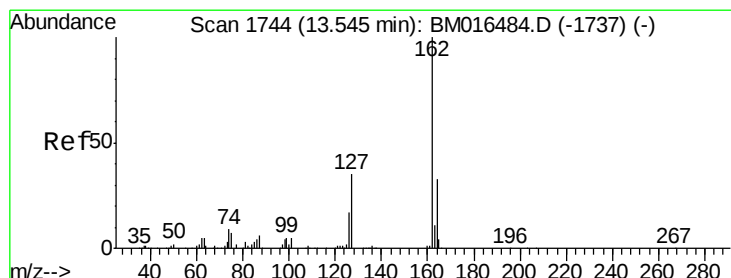
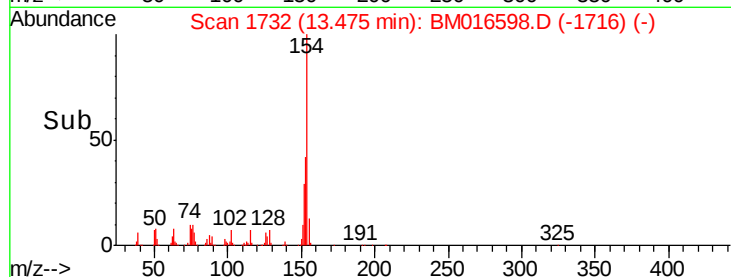
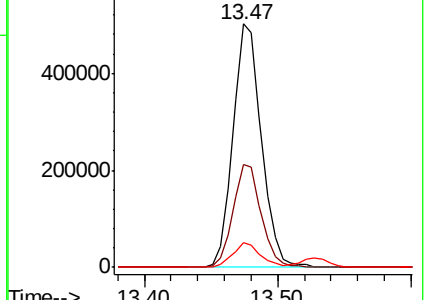
76 10.0 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 35.984 ng

RT: 13.53 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

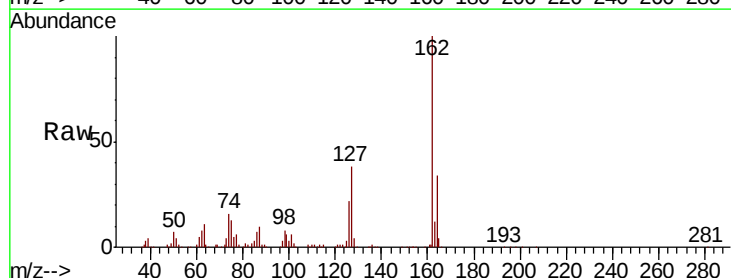
Tgt Ion:162 Resp: 623212

Ion Ratio Lower Upper

162 100

127 37.8 26.9 40.3

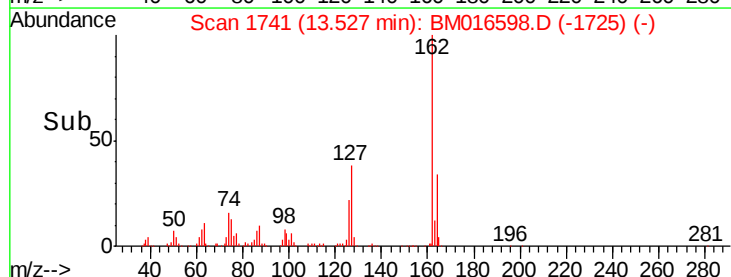
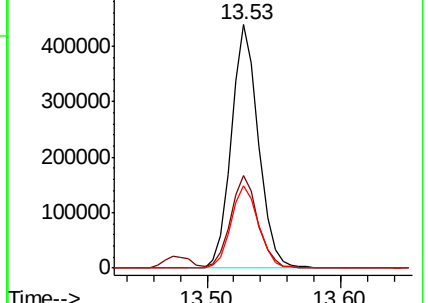
164 34.0 26.8 40.2

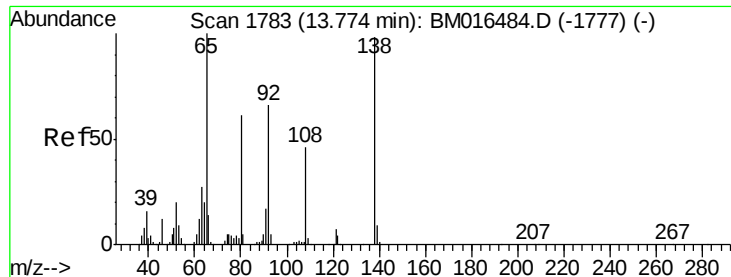


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.262 ng

RT: 13.76 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Instrument :

BNA_M

ClientSampleId :

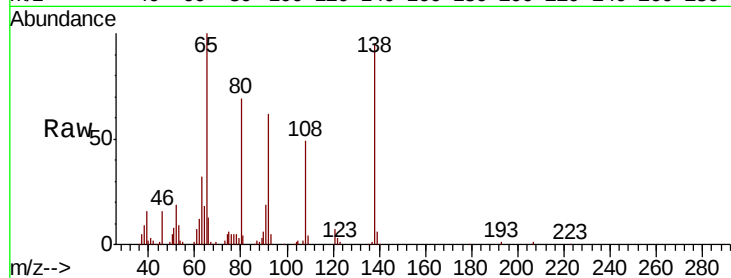
Tot Ion: 65 Resp: 167277

Ion Ratio Lower Upper

65 100

92 61.6 59.1 88.7

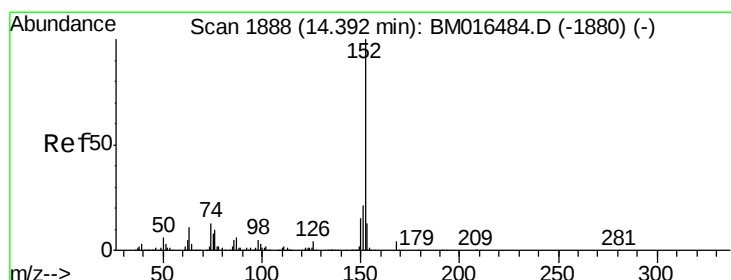
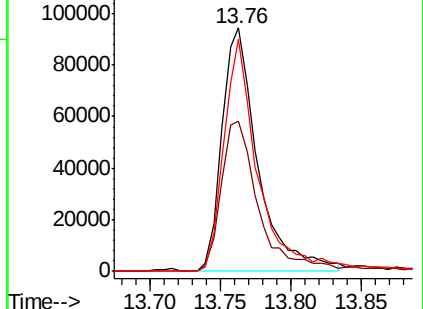
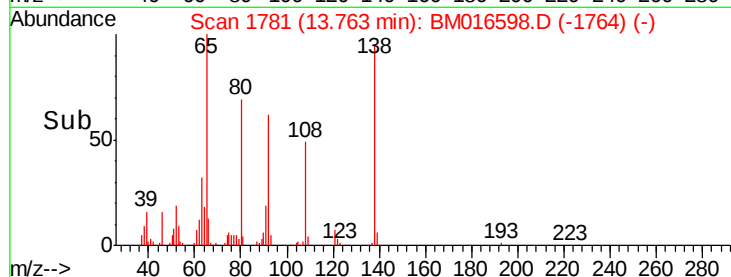
138 95.4 93.9 140.9



Abundance Ion 65.00 (64.70 to 65.70): BM016598.D (-1764) (-)

Ion 92.00 (91.70 to 92.70): BM016598.D (-1764) (-)

Ion 138.00 (137.70 to 138.70): BM016598.D (-1764) (-)



#48

Acenaphthylene

Concen: 34.982 ng

RT: 14.37 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

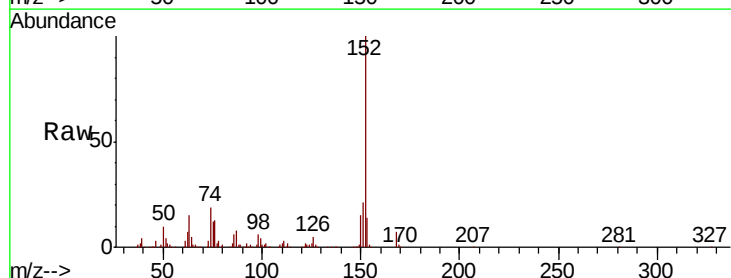
Tgt Ion: 152 Resp: 855219

Ion Ratio Lower Upper

152 100

151 21.0 15.9 23.9

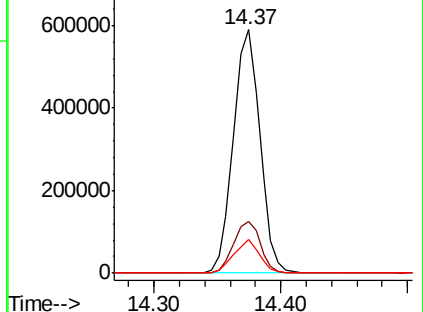
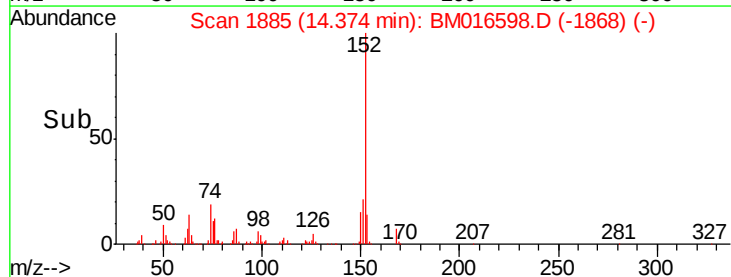
153 14.0 10.6 16.0

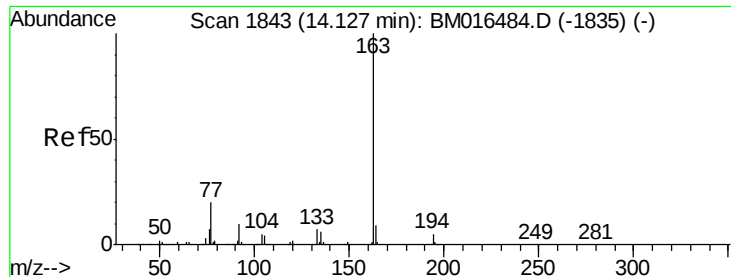


Abundance Ion 152.00 (151.70 to 152.70): BM016598.D (-1868) (-)

Ion 151.00 (150.70 to 151.70): BM016598.D (-1868) (-)

Ion 153.00 (152.70 to 153.70): BM016598.D (-1868) (-)

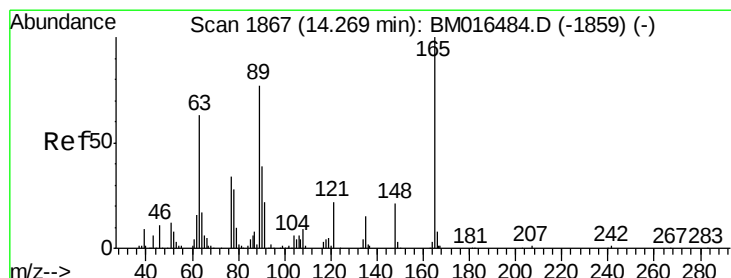
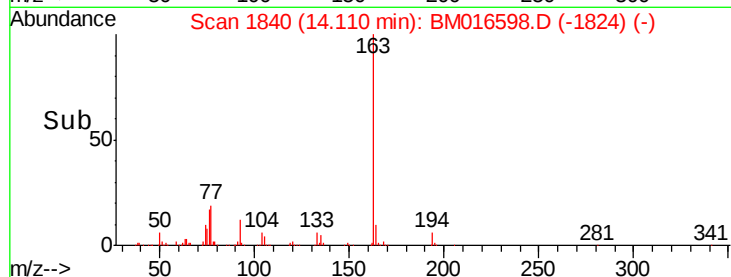
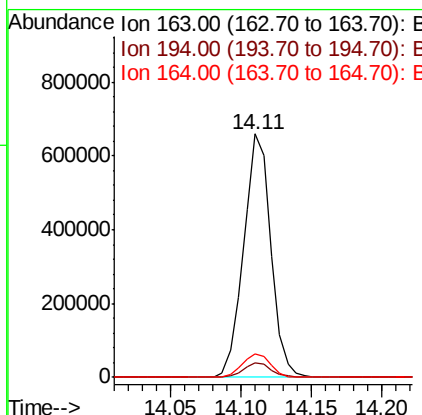
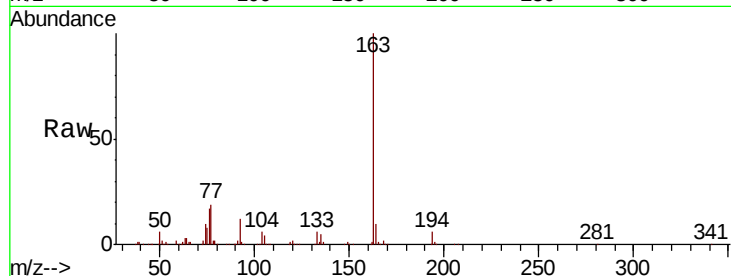




#49
Dimethylphthalate
Concen: 38.004 ng
RT: 14.11 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

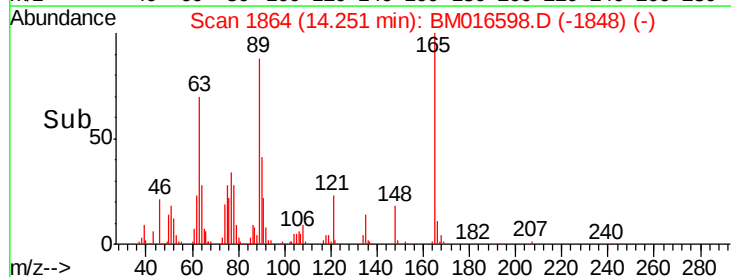
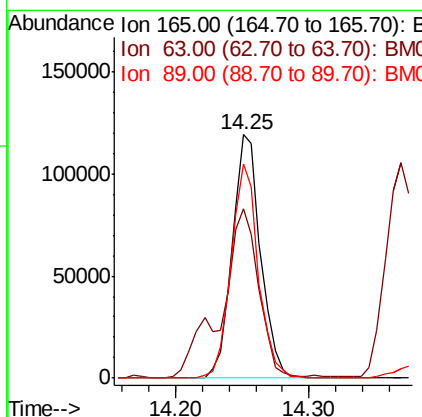
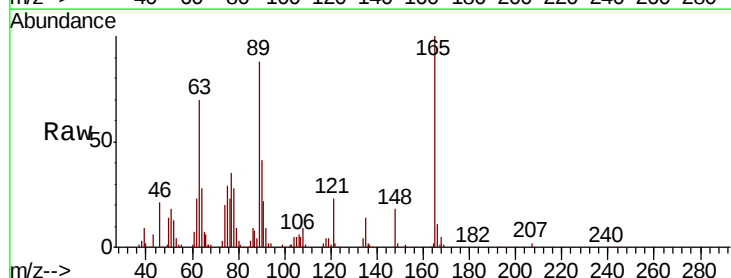
Instrument :
BNA_M
ClientSampleId :

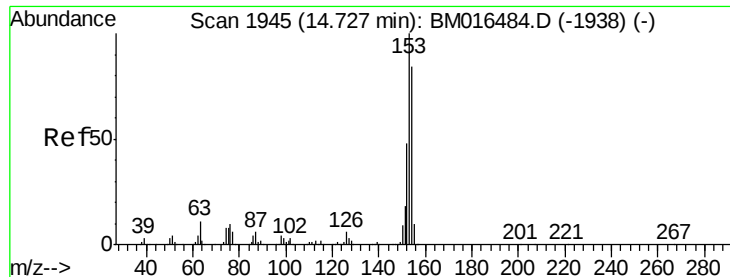
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.9	2.7	4.1#
164	9.9	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 38.682 ng
RT: 14.25 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.7	44.1	66.1#
89	88.0	44.3	66.5#





#51

Acenaphthene

Concen: 35.666 ng

RT: 14.71 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Instrument :

BNA_M

ClientSampleId :

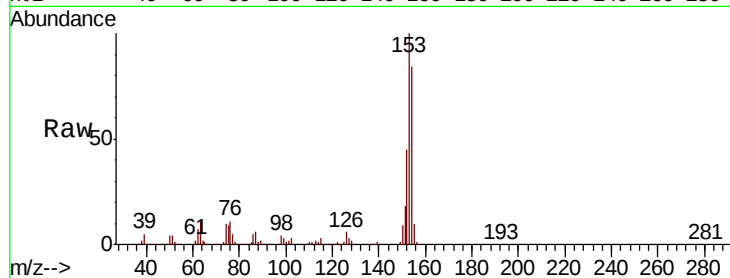
Tot Ion:154 Resp: 535673

Ion Ratio Lower Upper

154 100

153 118.7 90.0 135.0

152 53.9 42.6 63.8

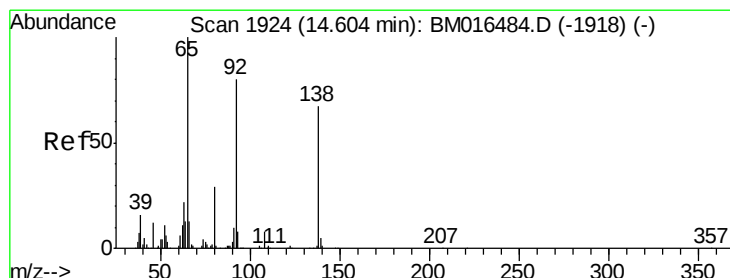
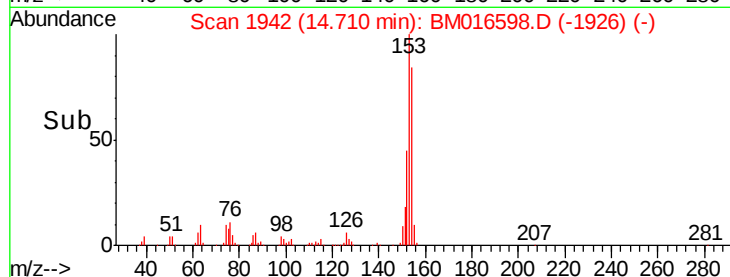
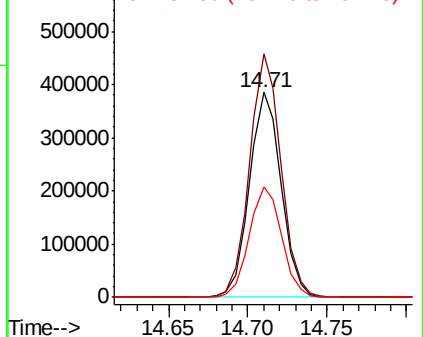


Abundance

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: 32.472 ng

RT: 14.60 min Scan# 1923

Delta R.T. 0.01 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

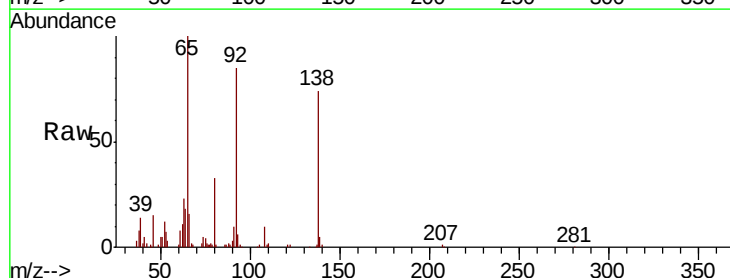
Tgt Ion:138 Resp: 134604

Ion Ratio Lower Upper

138 100

108 13.2 7.3 10.9#

92 114.8 76.6 114.8

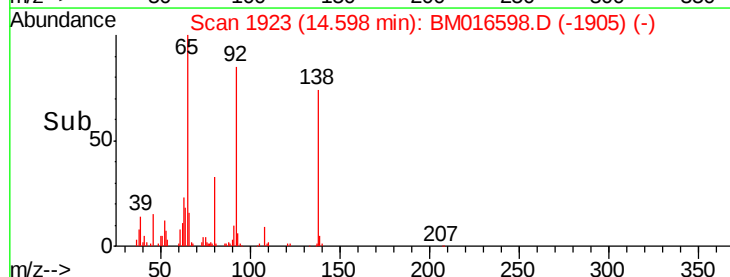
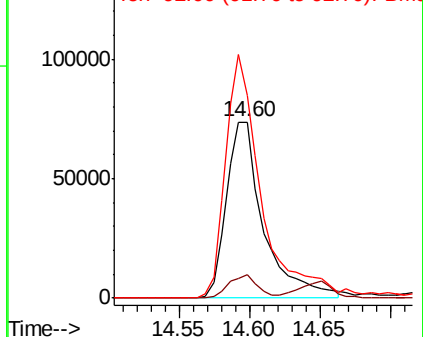


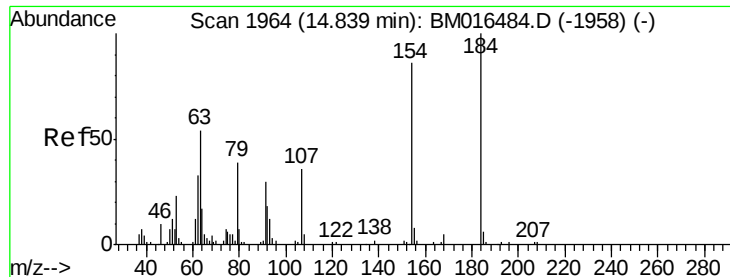
Abundance

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

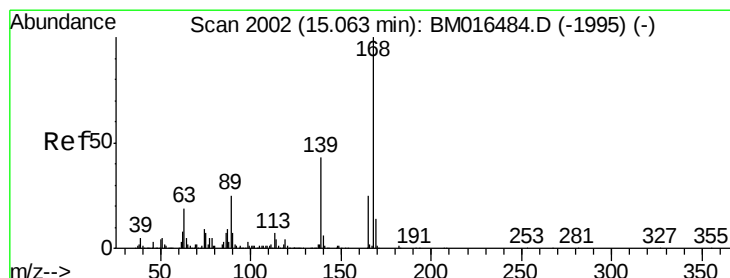
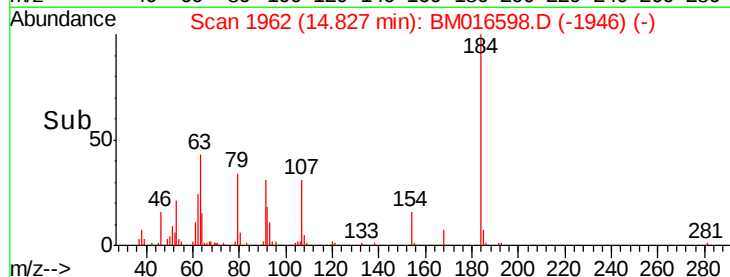
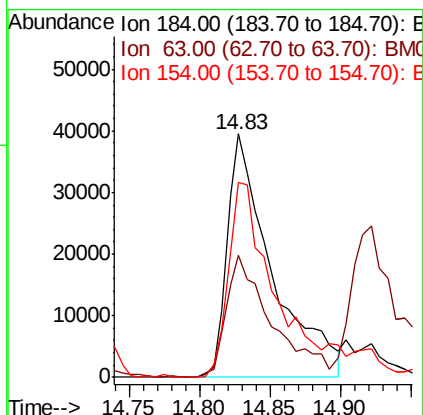
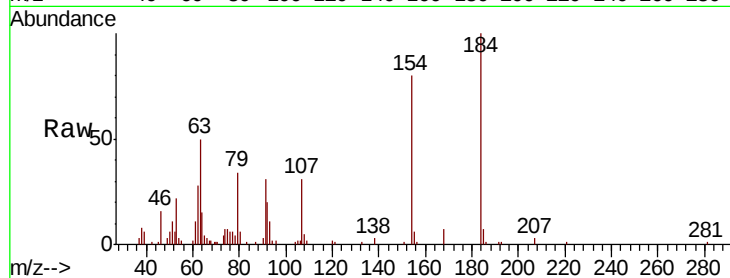




#53
 2,4-Dinitrophenol
 Concen: 38.153 ng
 RT: 14.83 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

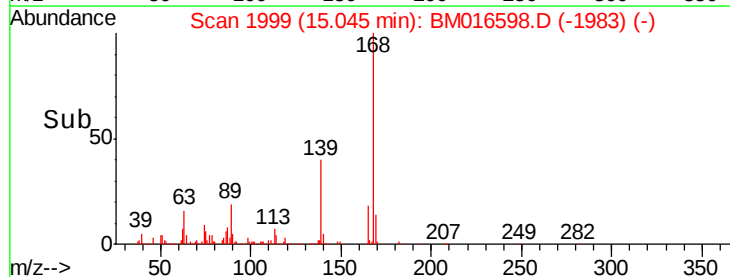
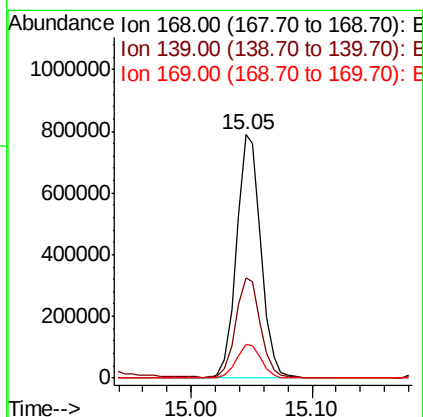
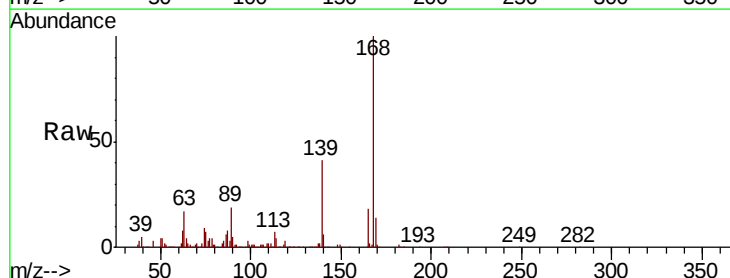
Instrument :
 BNA_M
 ClientSampled :

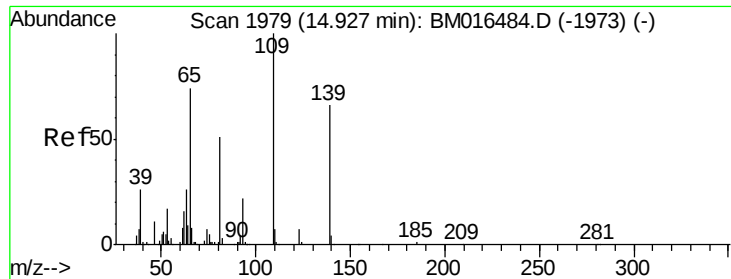
Tot Ion:184 Resp: 86985
 Ion Ratio Lower Upper
 184 100
 63 50.3 69.2 103.8#
 154 80.1 53.3 79.9#



#54
 Dibenzofuran
 Concen: 38.461 ng
 RT: 15.05 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

Tgt Ion:168 Resp: 1105811
 Ion Ratio Lower Upper
 168 100
 139 41.3 27.3 40.9#
 169 13.7 10.6 16.0

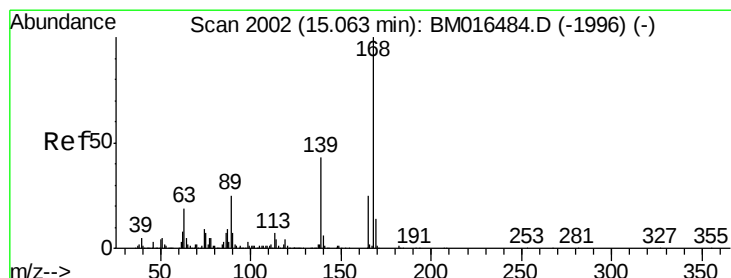
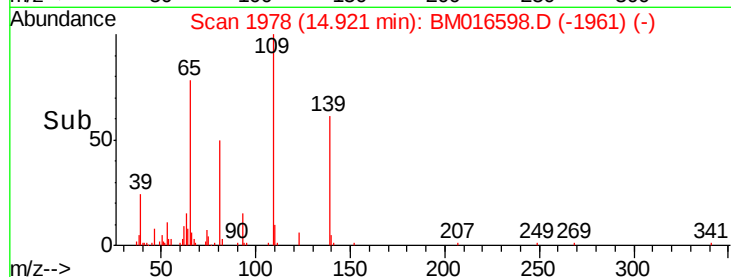
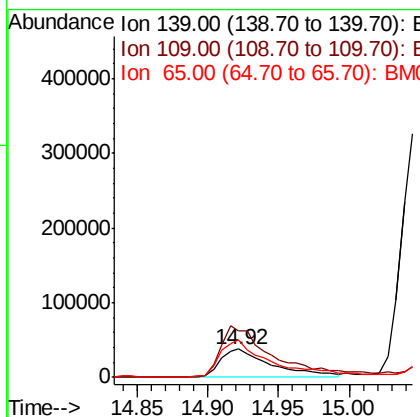
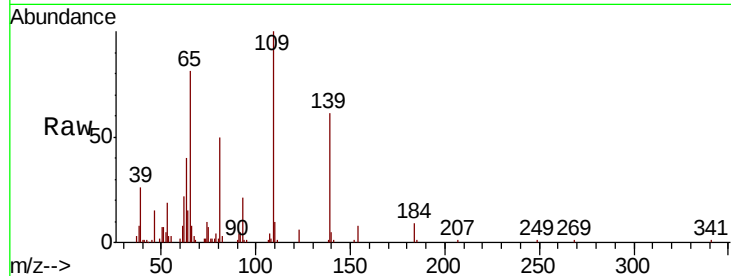




#55
4-Nitrophenol
Concen: 36.626 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

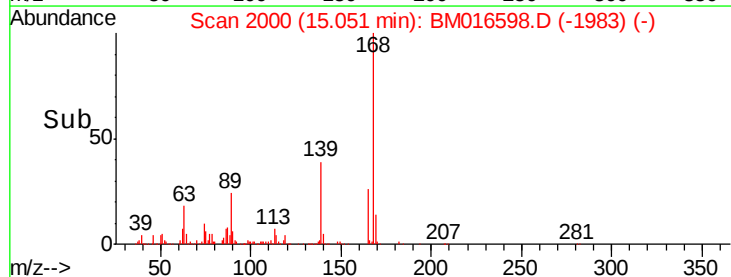
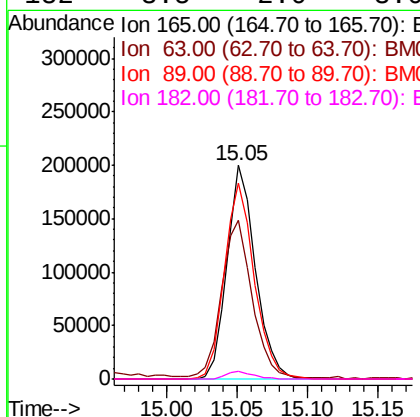
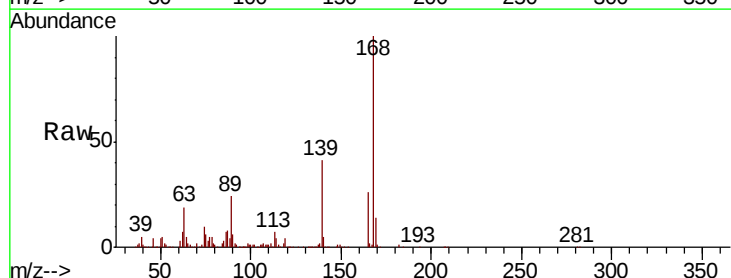
Instrument :
BNA_M
ClientSampleId :

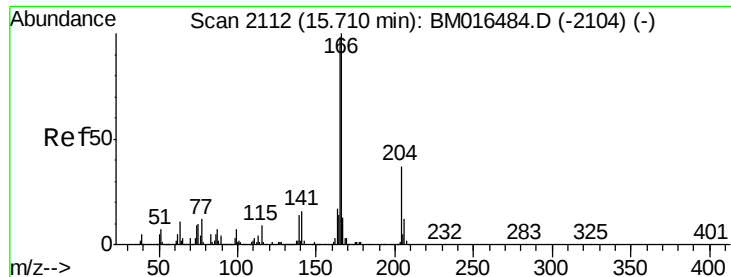
Tot Ion:139 Resp: 96836
Ion Ratio Lower Upper
139 100
109 163.3 130.0 170.0
65 133.1 130.0 170.0



#56
2,4-Dinitrotoluene
Concen: 36.860 ng
RT: 15.05 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Tgt Ion:165 Resp: 280016
Ion Ratio Lower Upper
165 100
63 74.3 52.4 78.6
89 91.7 72.4 108.6
182 3.5 2.0 3.0#

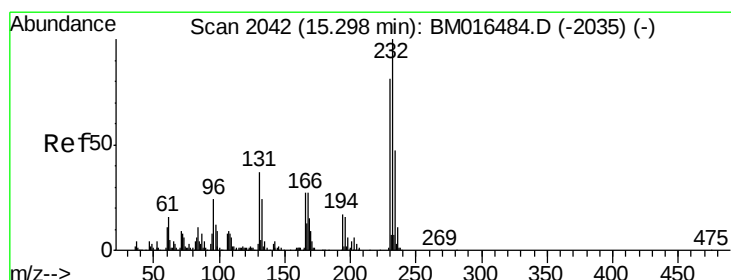
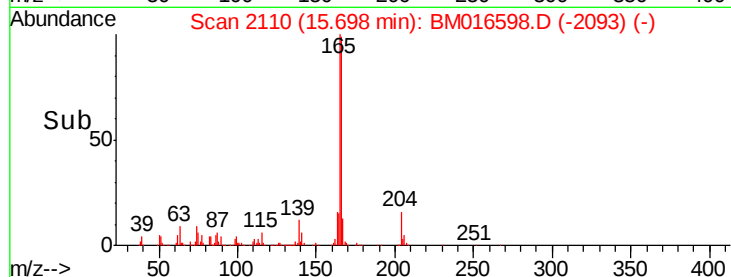
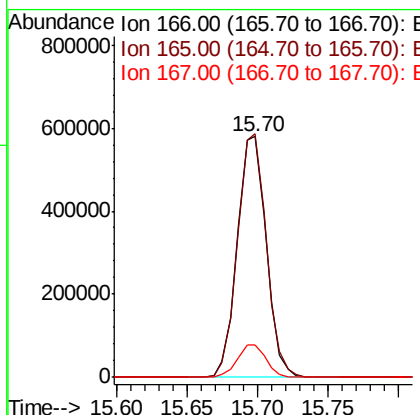
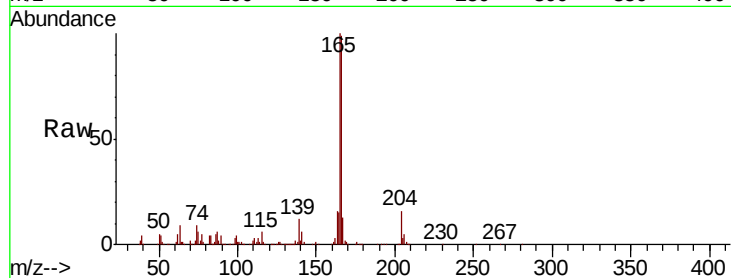




#57
 Fluorene
 Concen: 38.292 ng
 RT: 15.70 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

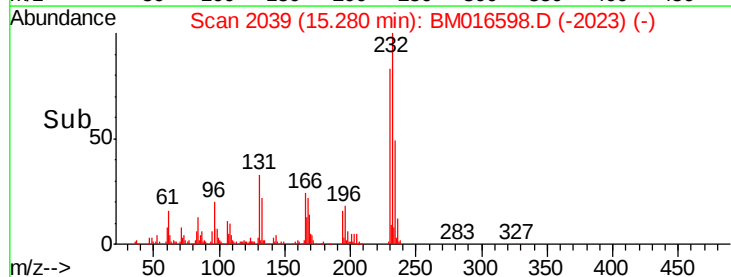
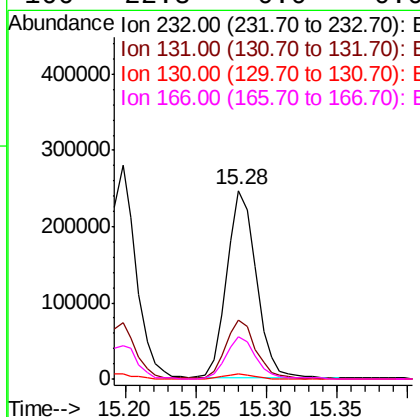
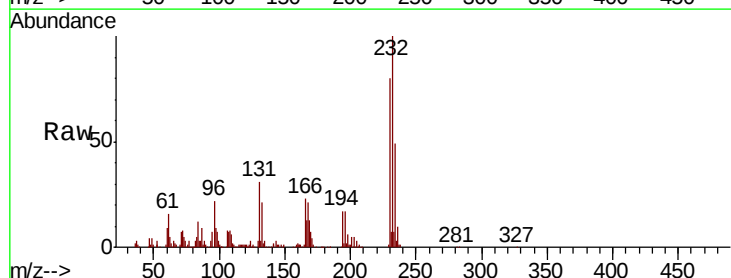
Instrument :
 BNA_M
 ClientSampleId :

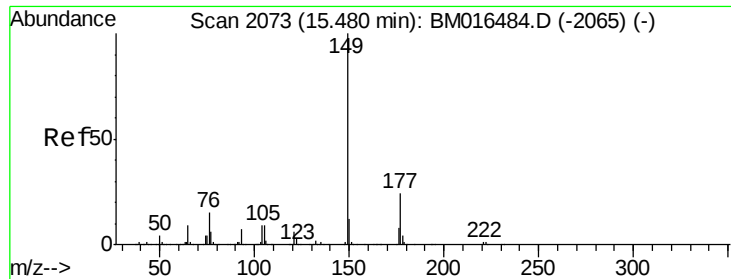
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.0	118.4
167	13.5	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.135 ng
 RT: 15.28 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	32.1	0.0	0.0#
130	2.6	0.0	0.0#
166	22.8	0.0	0.0#

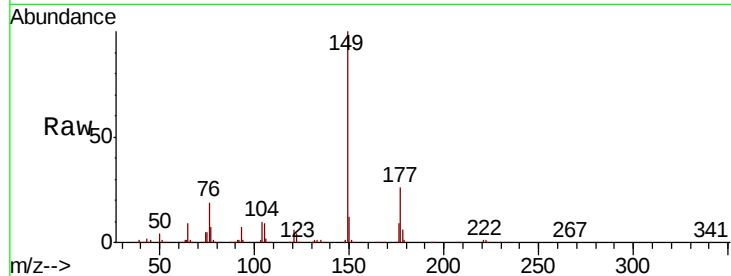




#59
Diethylphthalate
Concen: 36.678 ng
RT: 15.46 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	26.0	18.3	27.5
150	12.4	9.8	14.8

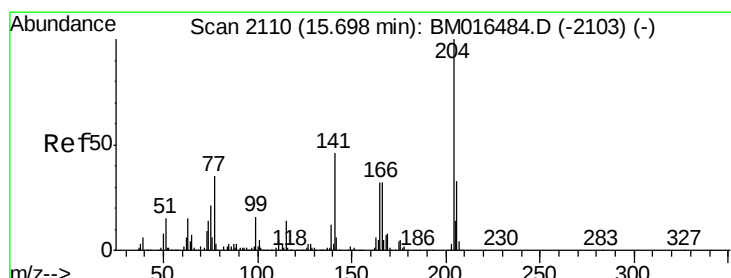
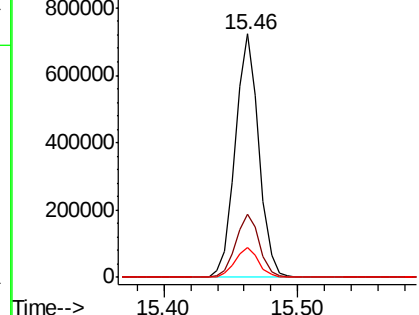
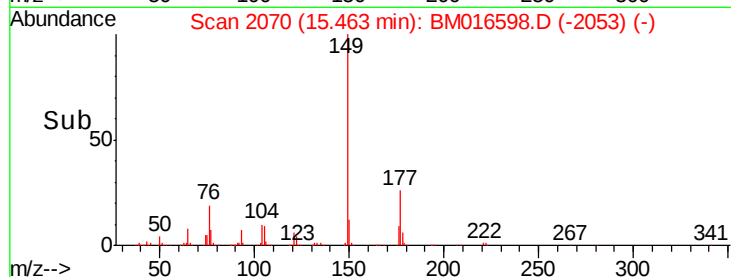


Abundance

Ion 149.00 (148.70 to 149.70): E

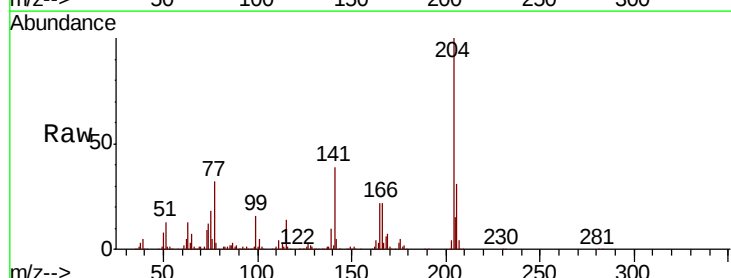
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 45.199 ng
RT: 15.68 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.0	26.6	39.8
141	38.7	45.2	67.8#

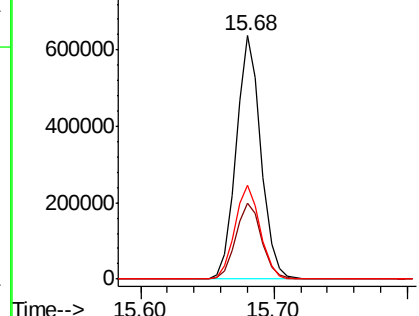
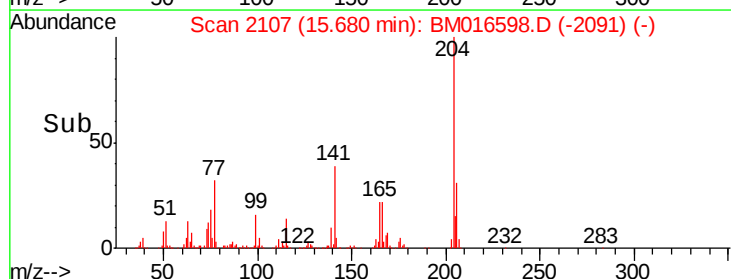


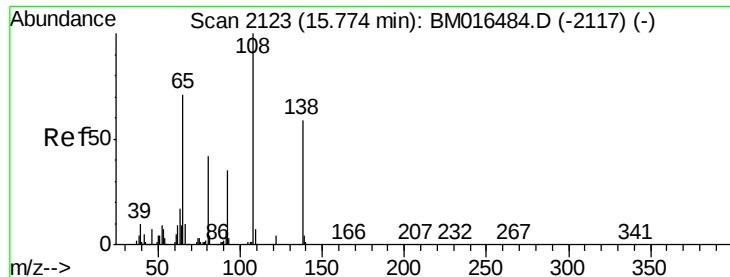
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

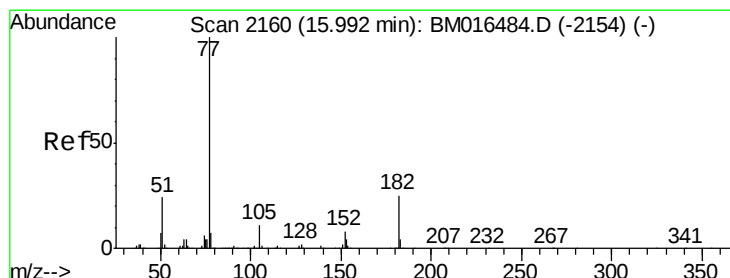
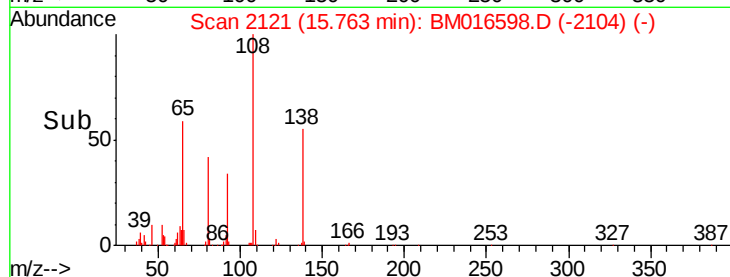
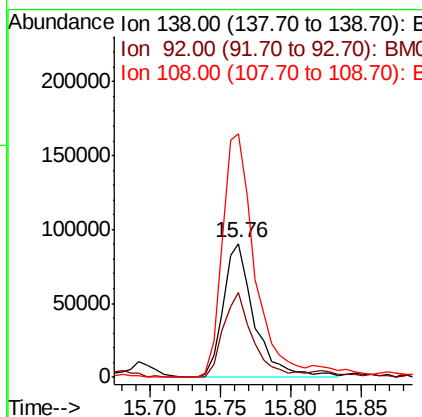
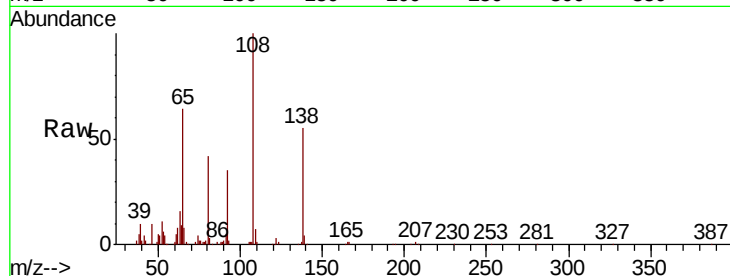




#61
4-Nitroaniline
Concen: 34.436 ng
RT: 15.76 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

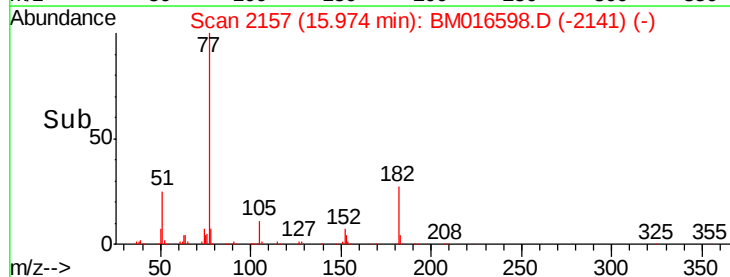
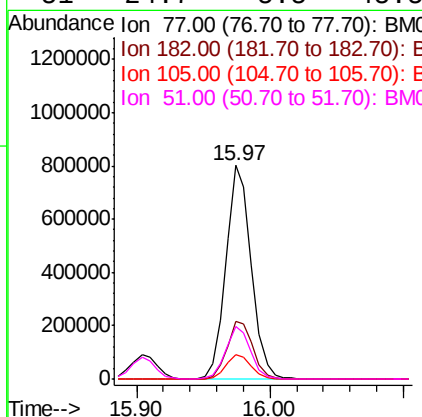
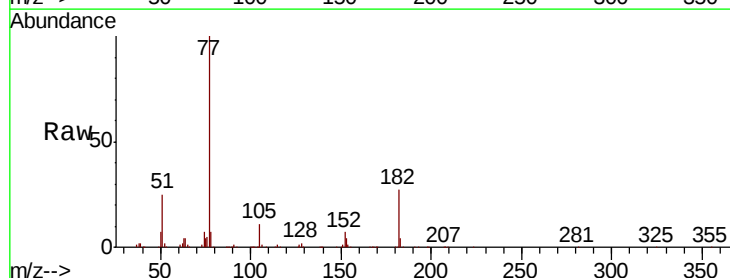
Instrument :
BNA_M
ClientSampleId :

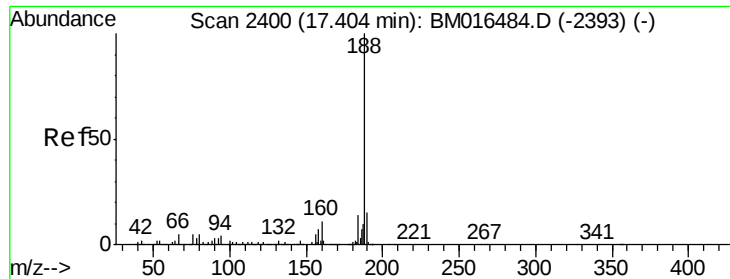
Tot Ion:138 Resp: 139508
Ion Ratio Lower Upper
138 100
92 63.3 16.7 56.7#
108 182.1 37.6 77.6#



#62
Azobenzene
Concen: 40.908 ng
RT: 15.97 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Tgt Ion: 77 Resp: 1061151
Ion Ratio Lower Upper
77 100
182 27.2 6.5 46.5
105 11.3 3.8 43.8
51 24.7 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Instrument :

BNA_M

ClientSampleId :

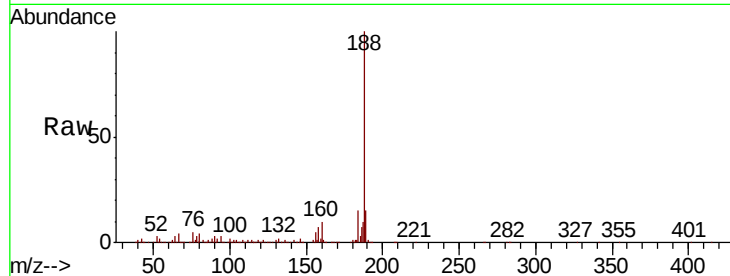
Tot Ion:188 Resp: 836893

Ion Ratio Lower Upper

188 100

94 3.4 8.7 13.1#

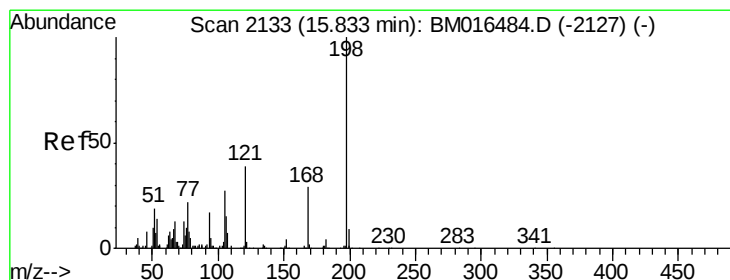
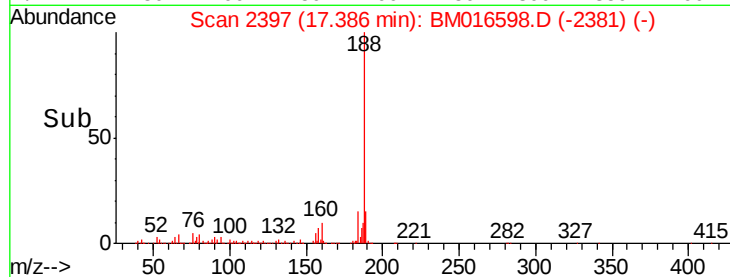
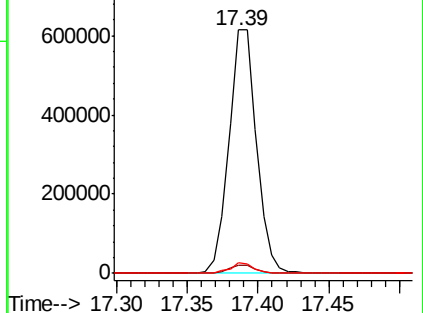
80 4.4 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 33.493 ng

RT: 15.82 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

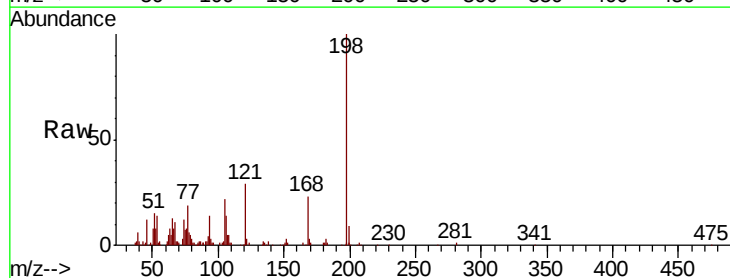
Tgt Ion:198 Resp: 212976

Ion Ratio Lower Upper

198 100

51 15.0 28.8 68.8#

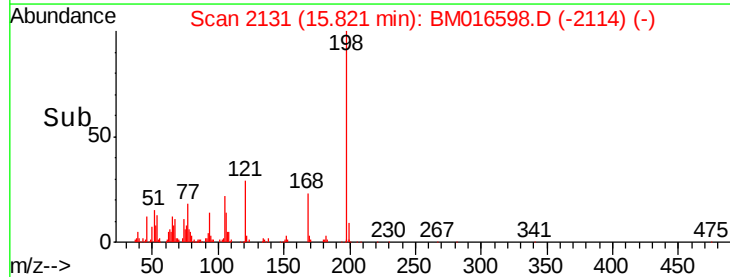
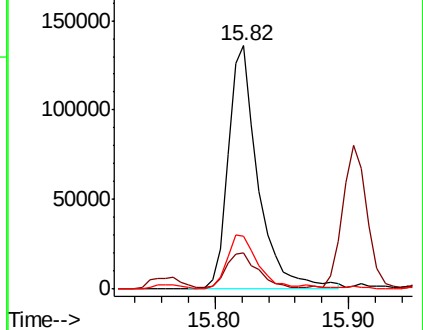
105 21.7 30.5 70.5#

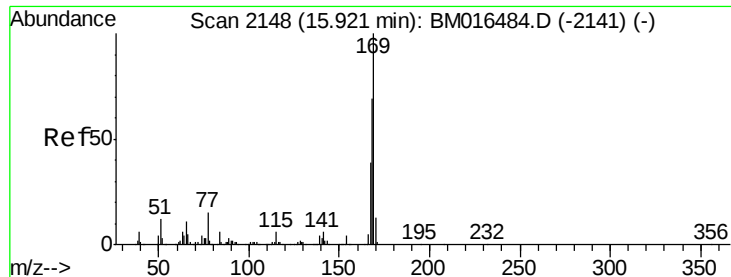


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

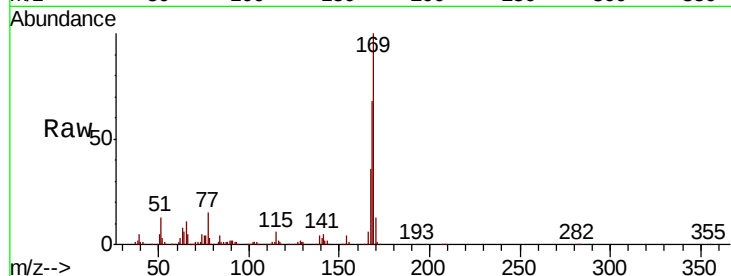




#65
 n-Nitrosodiphenylamine
 Concen: 34.362 ng
 RT: 15.90 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.9	80.9
167	35.9	28.9	43.3

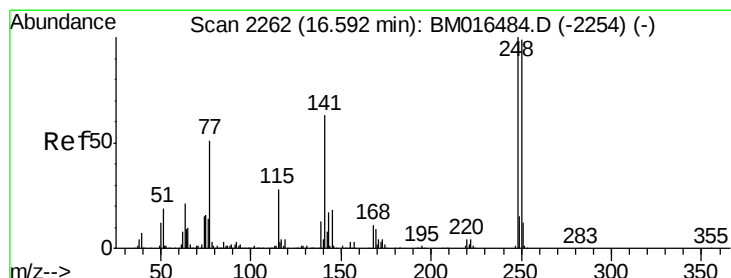
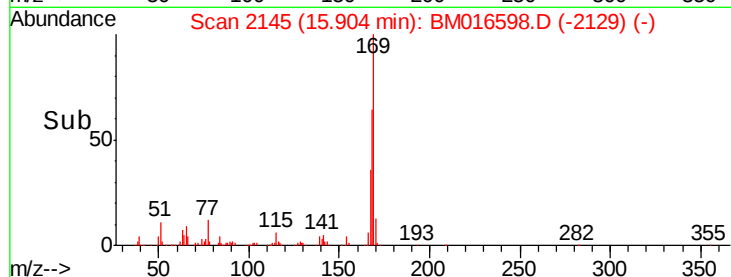
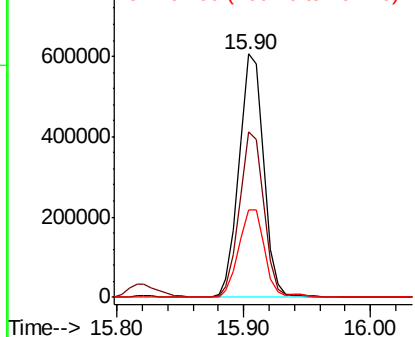


Abundance

Ion 169.00 (168.70 to 169.70): E

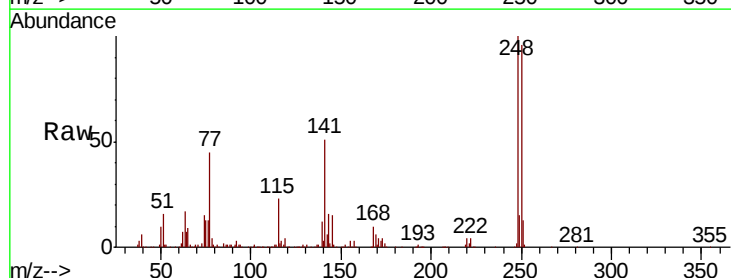
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 41.472 ng
 RT: 16.57 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.4	116.0
141	50.9	45.2	67.8

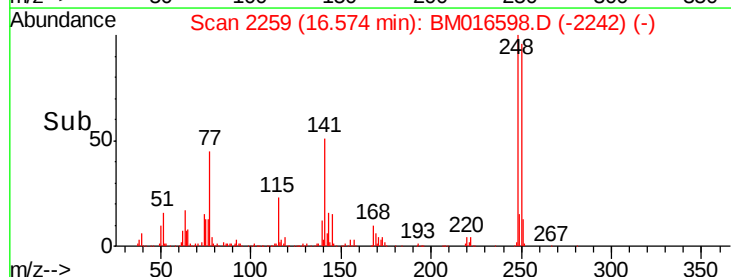
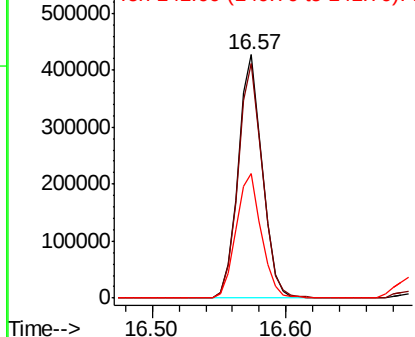


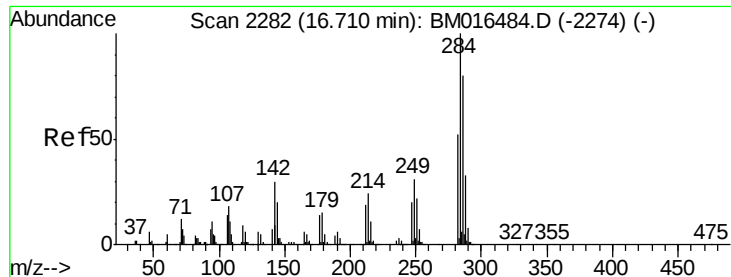
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

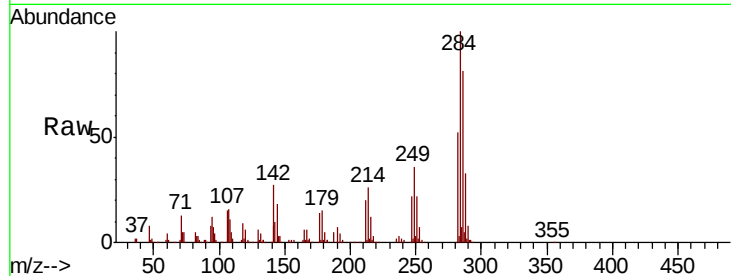




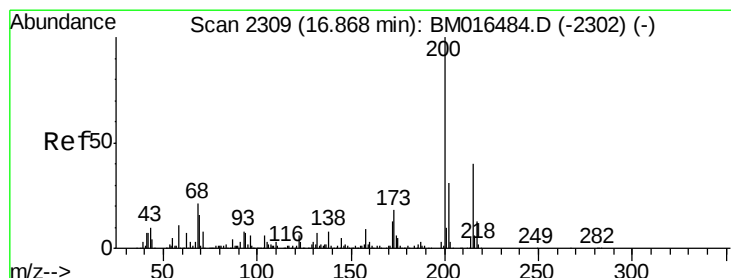
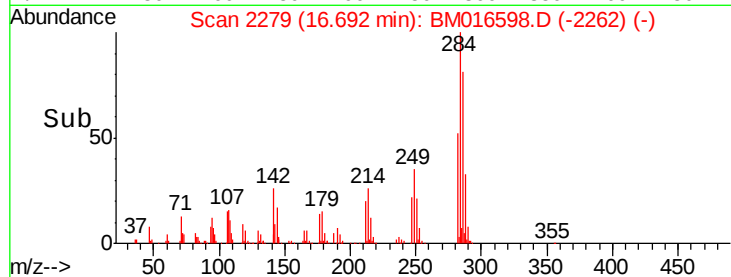
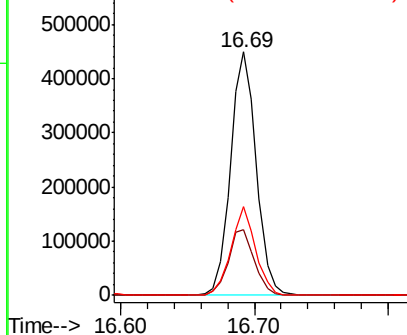
#67
Hexachlorobenzene
Concen: 40.230 ng
RT: 16.69 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.8	20.4	30.6
249	36.4	23.8	35.6

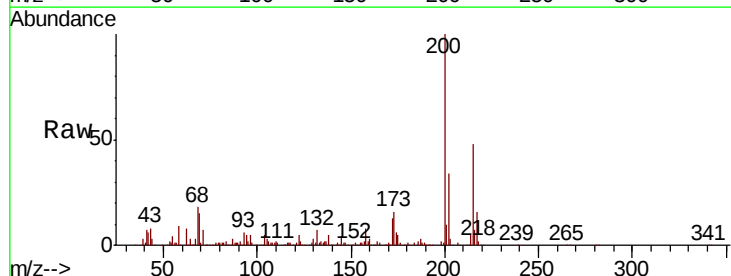


Abundance Ion 283.80 (283.50 to 284.50): E
600000 Ion 142.00 (141.70 to 142.70): E
500000 Ion 249.00 (248.70 to 249.70): E

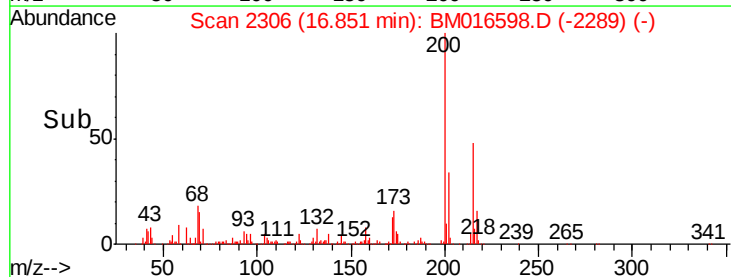
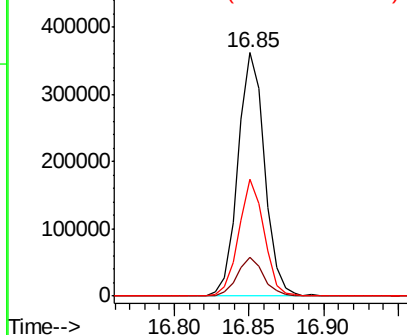


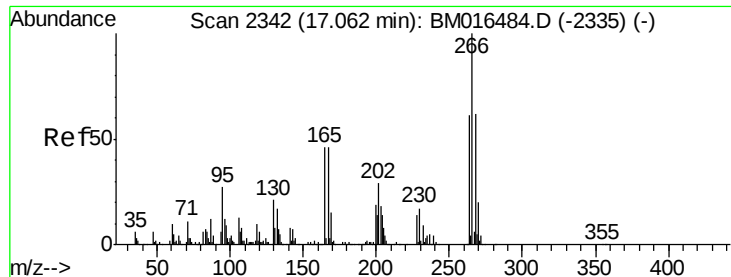
#68
Atrazine
Concen: 41.816 ng
RT: 16.85 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Tgt Ion	Ratio	Lower	Upper
200	100		
173	16.1	4.8	44.8
215	48.0	26.9	66.9



Abundance Ion 200.00 (199.70 to 200.70): E
500000 Ion 173.00 (172.70 to 173.70): E
400000 Ion 215.00 (214.70 to 215.70): E

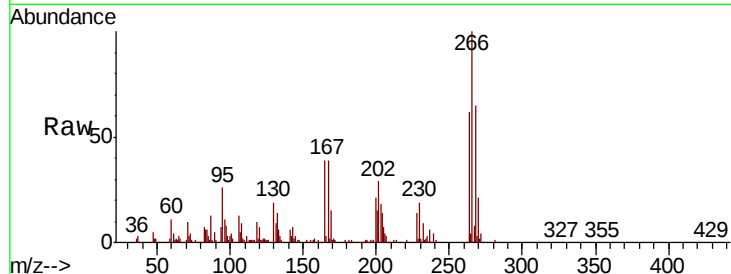




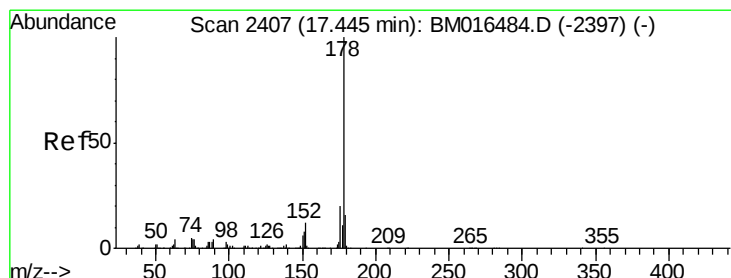
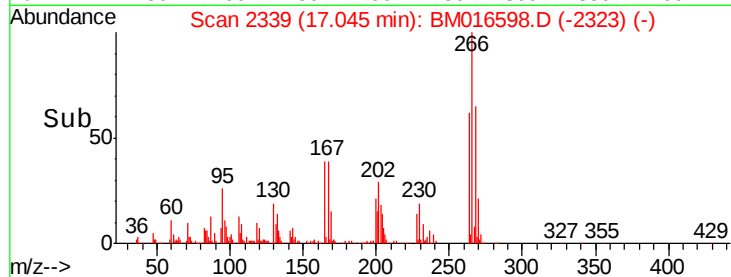
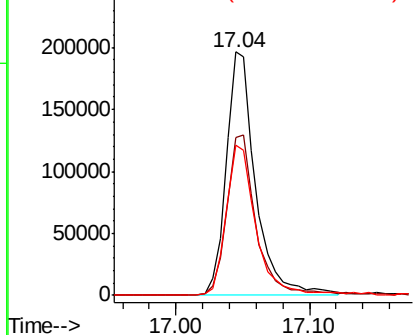
#69
 Pentachlorophenol
 Concen: 38.171 ng
 RT: 17.04 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:266 Resp: 302873
 Ion Ratio Lower Upper
 266 100
 268 64.6 52.0 78.0
 264 61.5 49.0 73.4

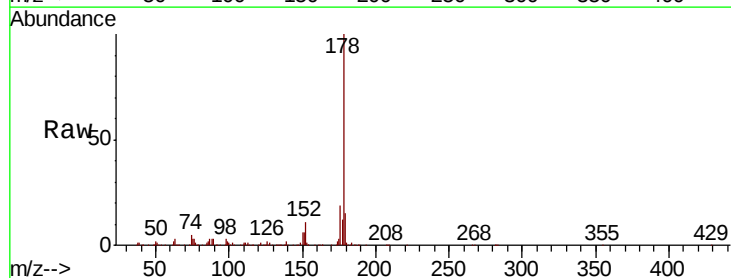


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

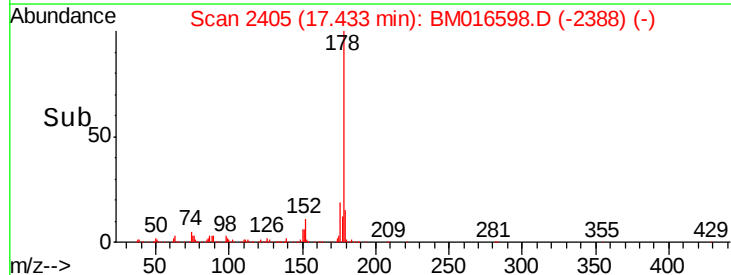
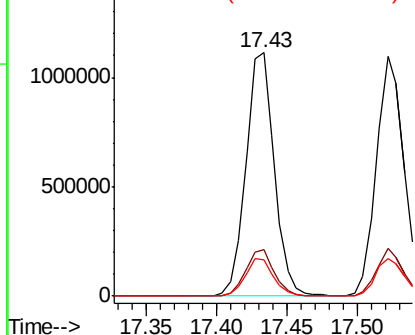


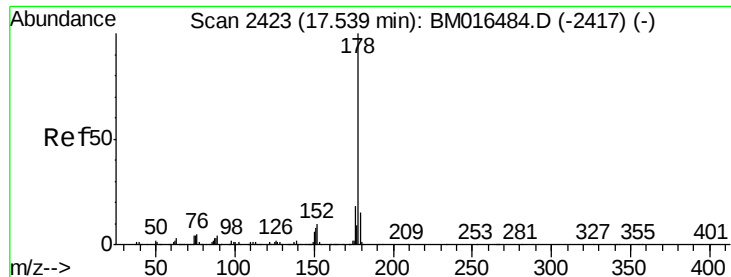
#70
 Phenanthrene
 Concen: 36.214 ng
 RT: 17.43 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

Tgt Ion:178 Resp: 1566432
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 14.9 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

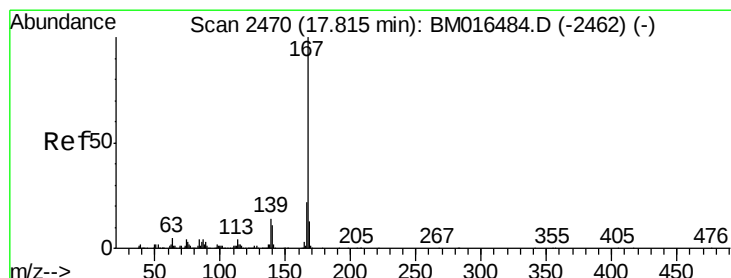
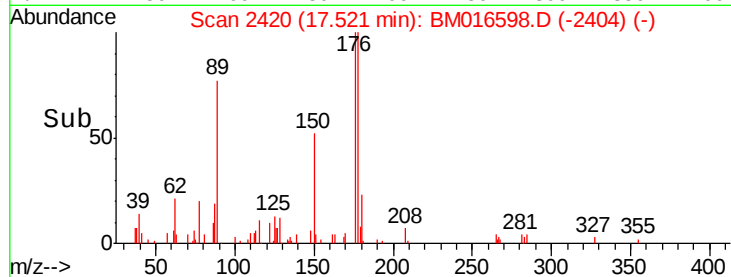
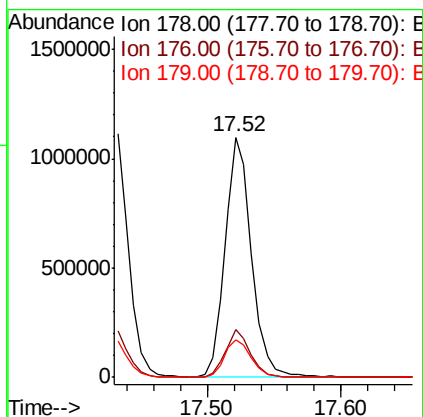
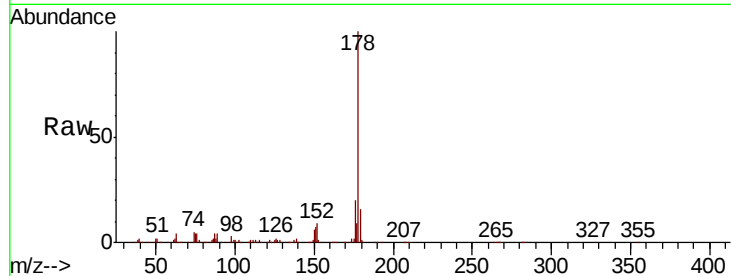




#71
 Anthracene
 Concen: 35.245 ng
 RT: 17.52 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

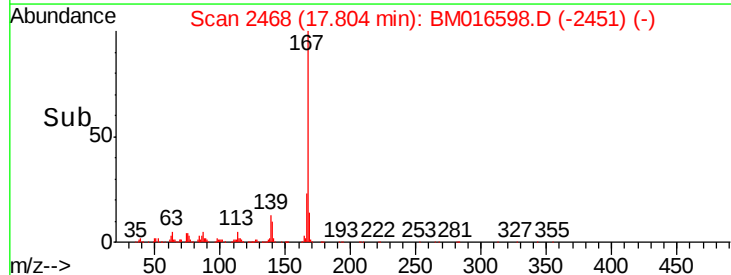
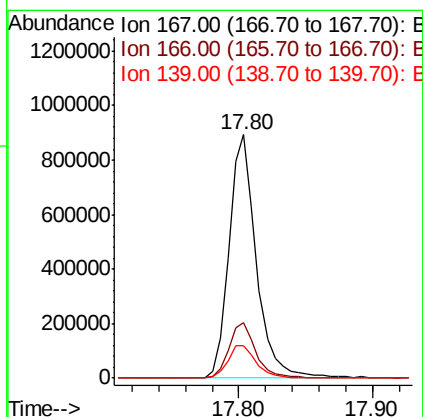
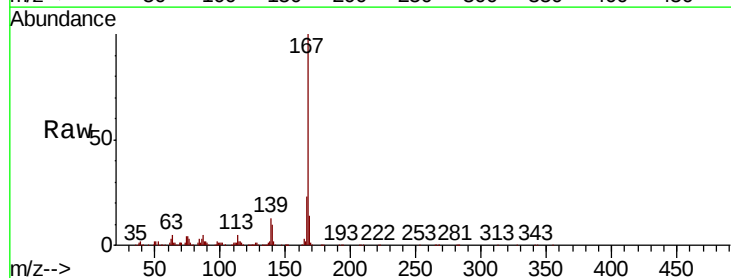
Instrument :
 BNA_M
 ClientSampled :

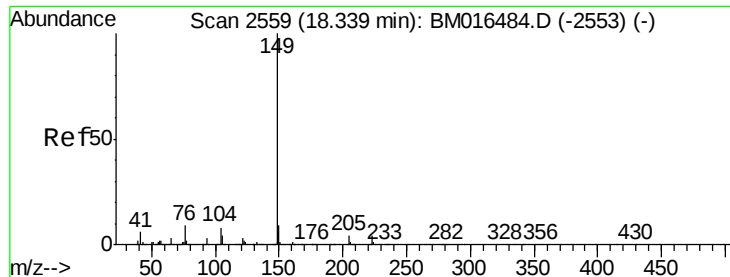
Tot Ion:178 Resp: 1513848
 Ion Ratio Lower Upper
 178 100
 176 19.7 14.6 22.0
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 32.922 ng
 RT: 17.80 min Scan# 2468
 Delta R.T. -0.00 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

Tgt Ion:167 Resp: 1270791
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.2 25.8
 139 13.4 10.8 16.2





#73

Di-n-butylphthalate

Concen: 33.102 ng

RT: 18.33 min Scan# 2557

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Instrument :

BNA_M

ClientSampleId :

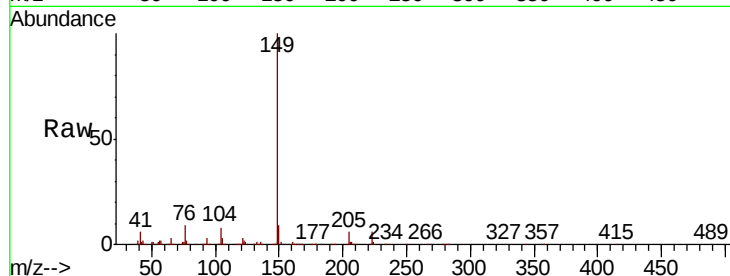
Tot Ion:149 Resp: 1557783

Ion Ratio Lower Upper

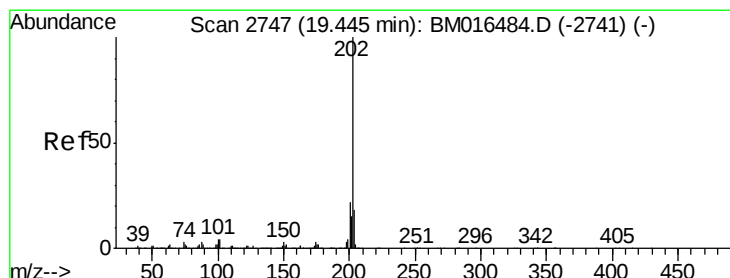
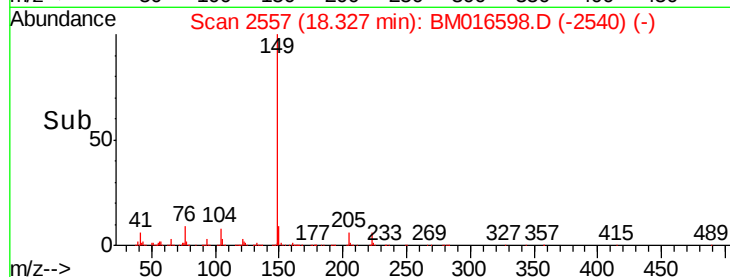
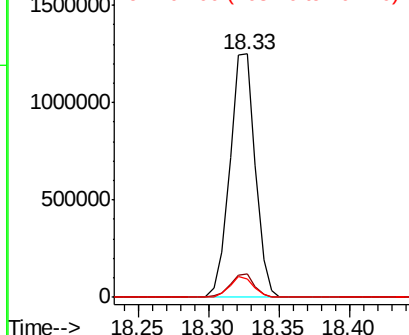
149 100

150 9.4 7.5 11.3

104 7.7 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: 39.294 ng

RT: 19.43 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

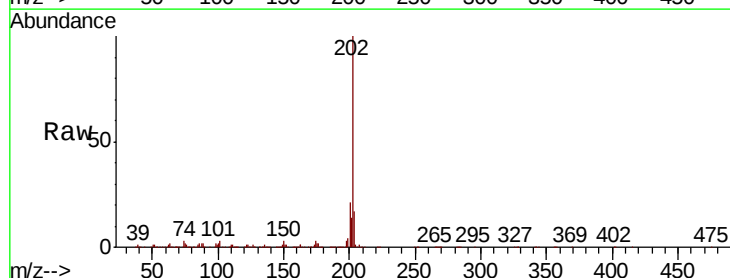
Tgt Ion:202 Resp: 2492087

Ion Ratio Lower Upper

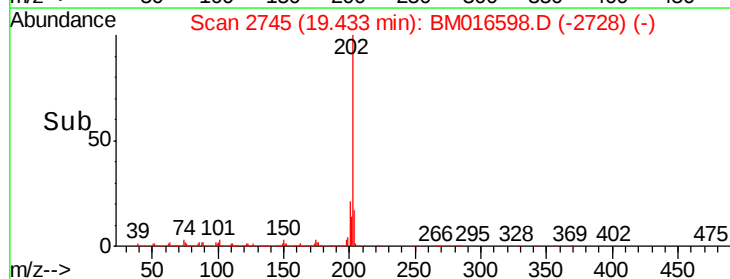
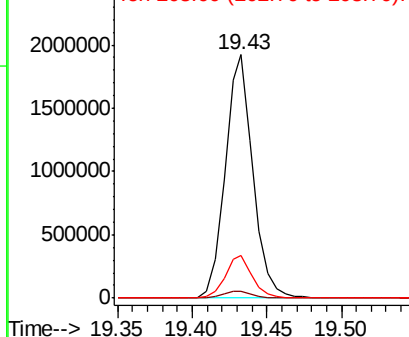
202 100

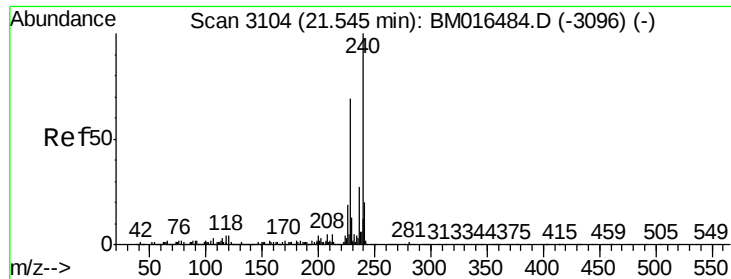
101 2.6 0.0 28.7

203 17.3 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# 3102

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Instrument :

BNA_M

ClientSampled :

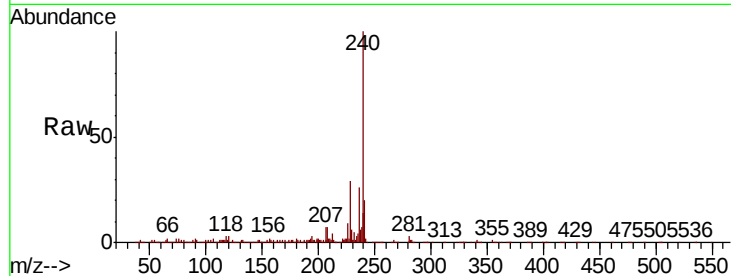
Tot Ion:240 Resp: 1316866

Ion Ratio Lower Upper

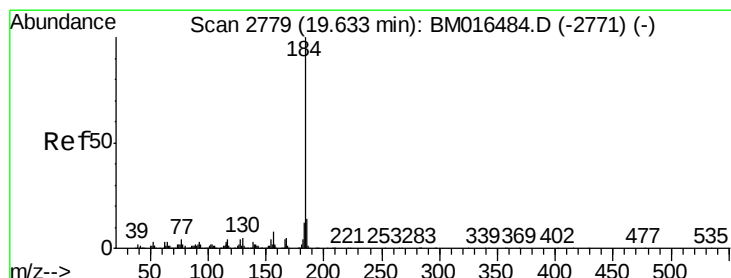
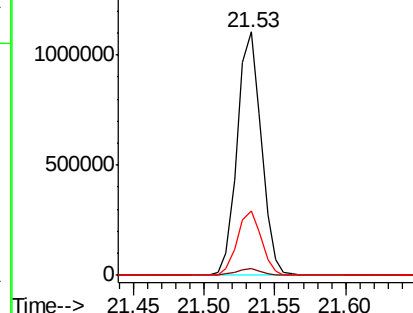
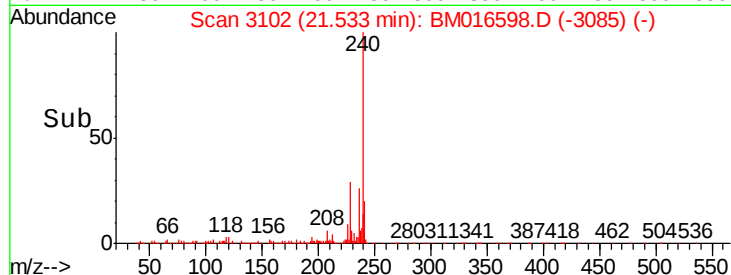
240 100

120 3.0 8.2 12.2#

236 26.3 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E
1500000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.518 ng

RT: 19.62 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

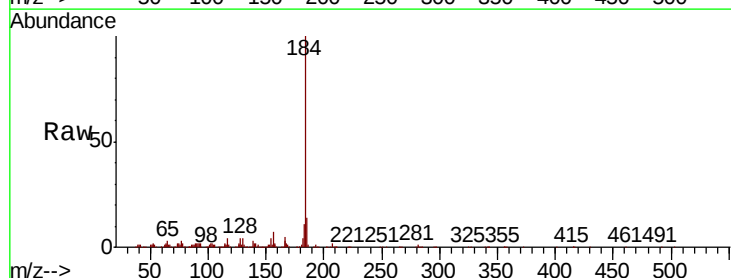
Tgt Ion:184 Resp: 874152

Ion Ratio Lower Upper

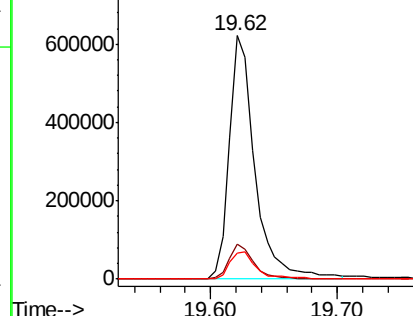
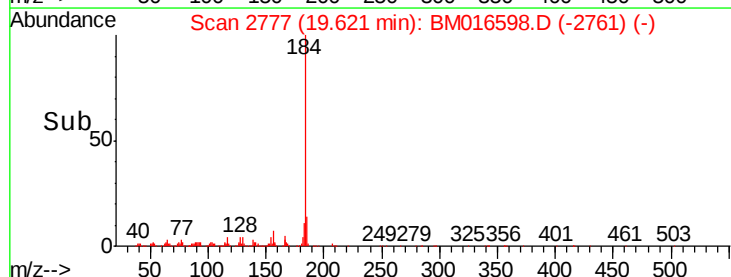
184 100

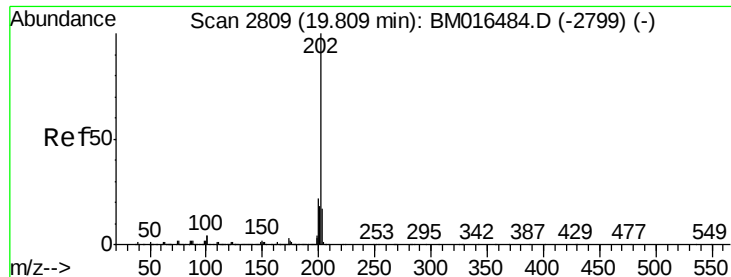
185 14.2 11.3 16.9

183 10.9 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E
800000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.493 ng

RT: 19.79 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Instrument :

BNA_M

ClientSampleId :

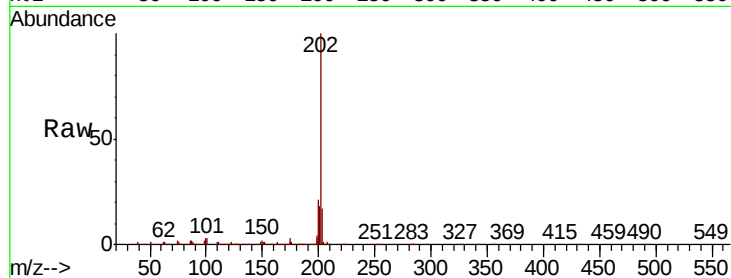
Tot Ion:202 Resp: 2683267

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.3 14.1 21.1

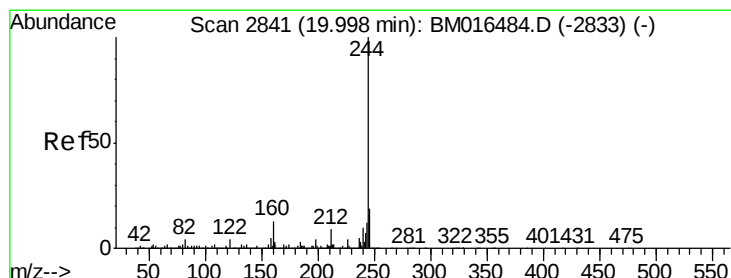
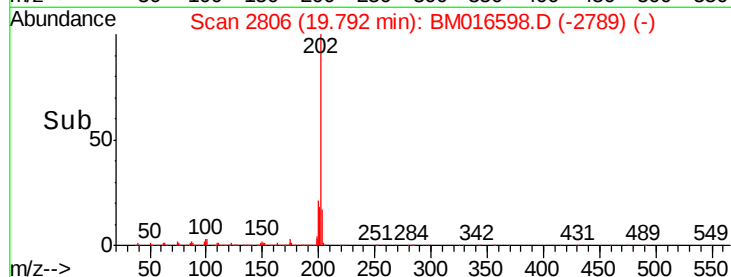
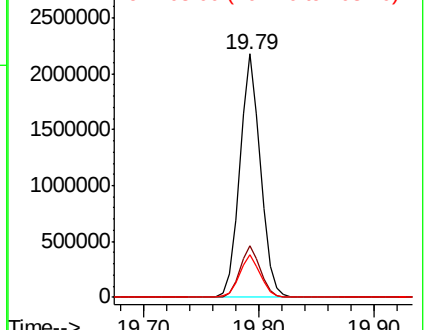


Abundance

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: 94.676 ng

RT: 19.98 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

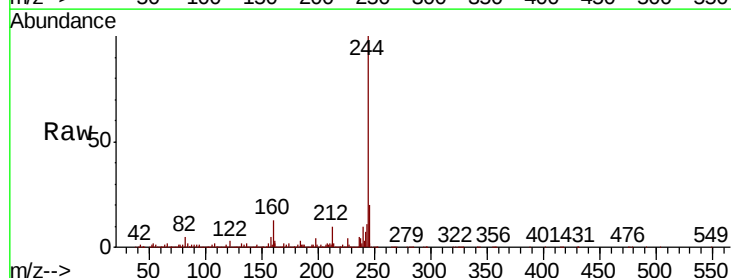
Tgt Ion:244 Resp: 5890448

Ion Ratio Lower Upper

244 100

212 9.5 4.9 7.3#

122 3.4 6.2 9.4#

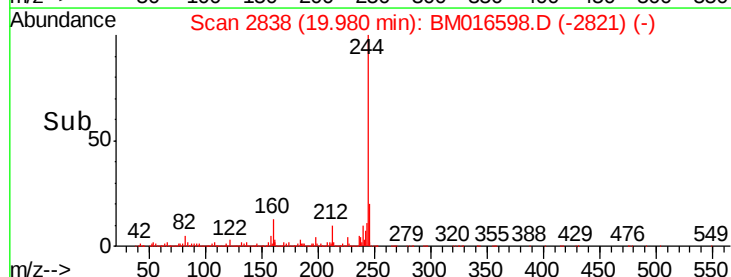
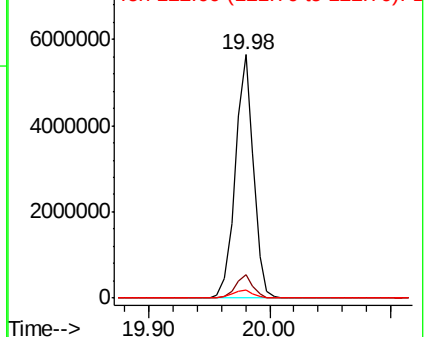


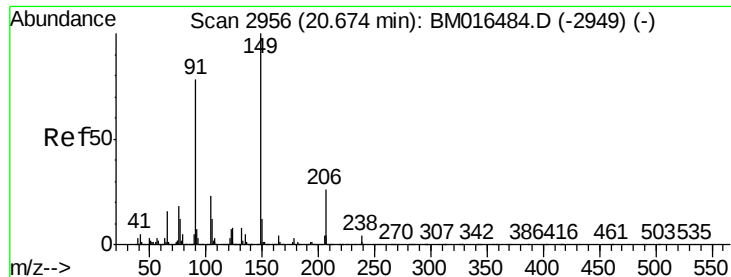
Abundance

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

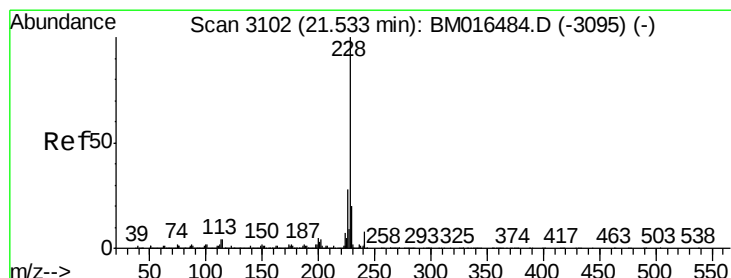
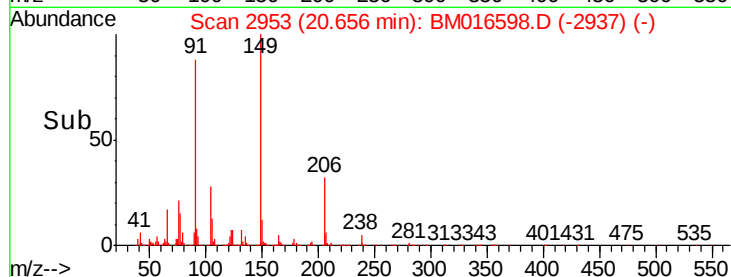
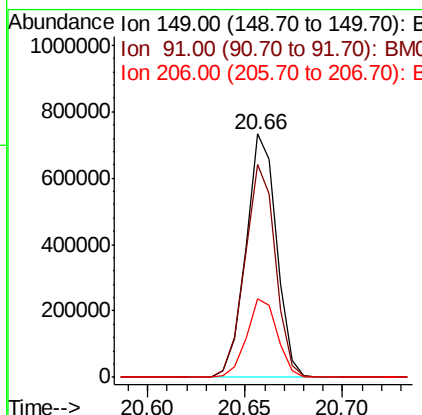
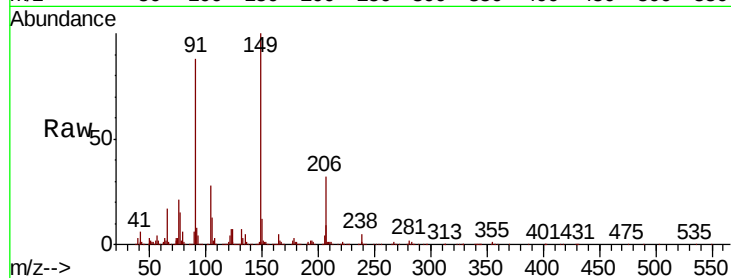




#79
Butylbenzylphthalate
Concen: 32.285 ng
RT: 20.66 min Scan# 2953
Delta R.T. -0.01 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

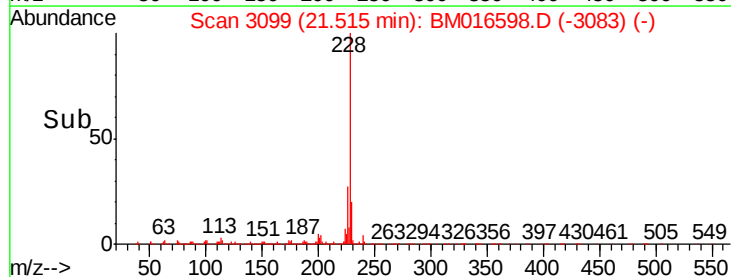
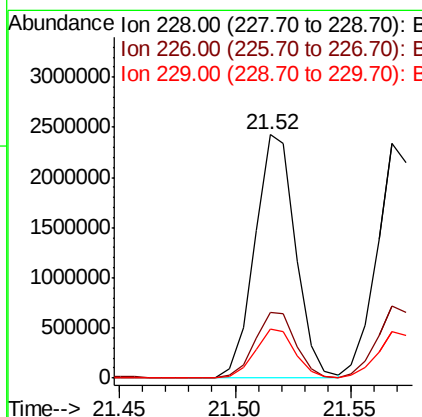
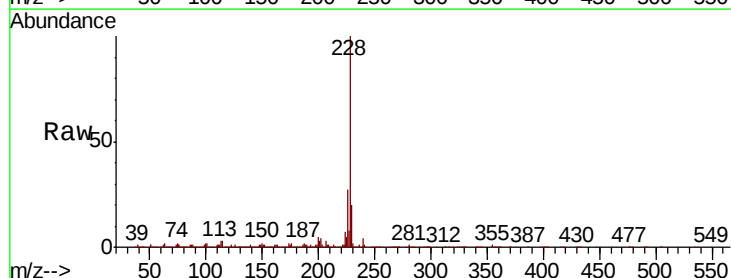
Instrument :
BNA_M
ClientSampleId :

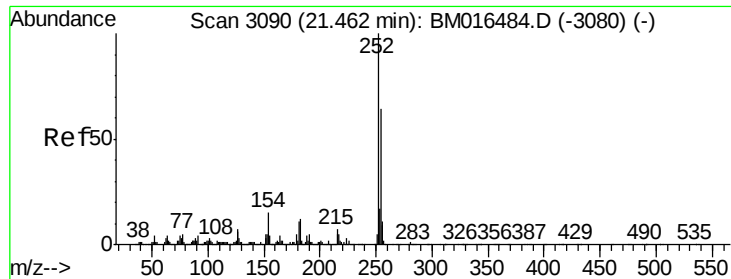
Tot Ion	Ratio	Lower	Upper
149	100		
91	87.7	50.1	75.1#
206	32.0	16.2	24.2#



#80
Benzo(a)anthracene
Concen: 38.356 ng
RT: 21.52 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	20.2	16.0	24.0

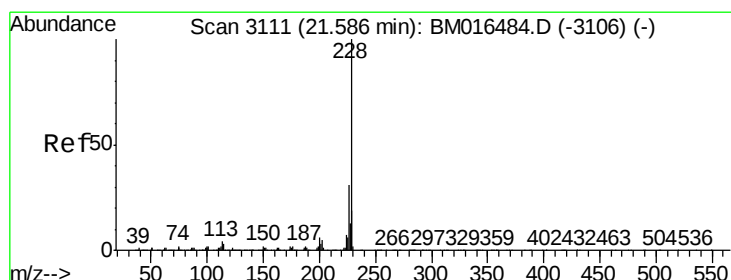
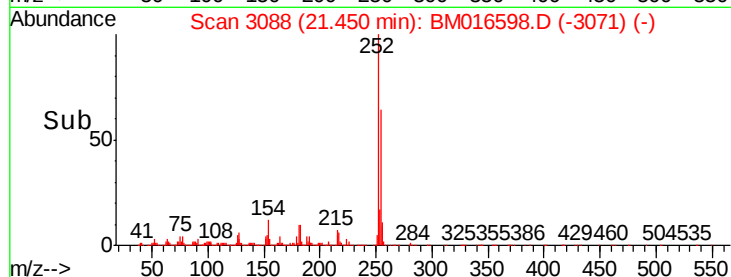
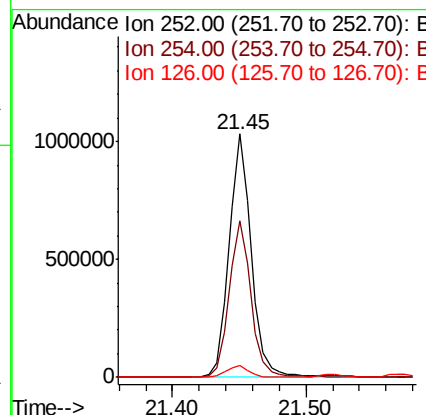
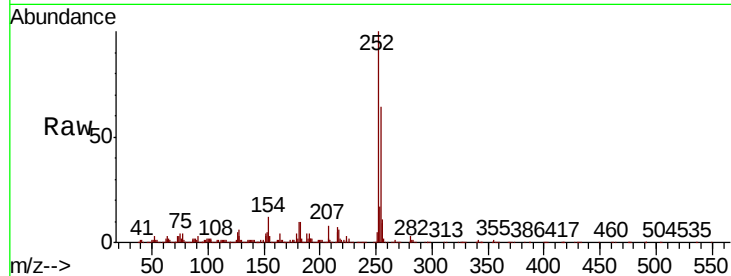




#81
 3,3'-Dichlorobenzidine
 Concen: 35.342 ng
 RT: 21.45 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

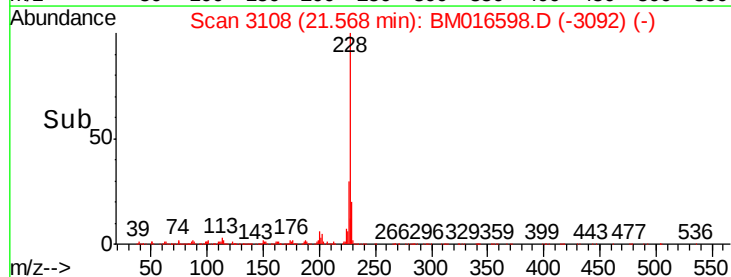
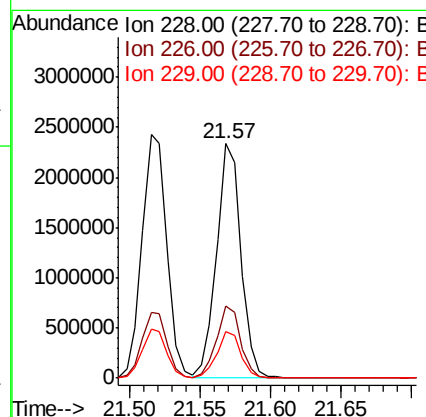
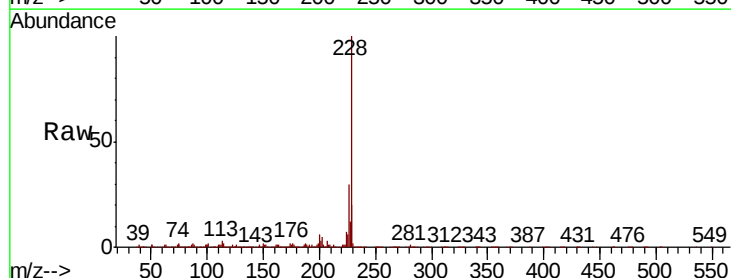
Instrument :
 BNA_M
 ClientSampled :

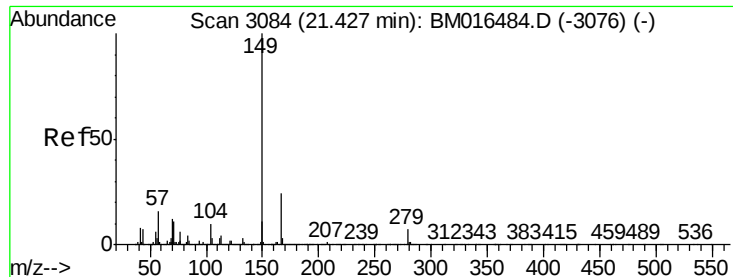
Tot Ion:252 Resp: 1217963
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.9 77.9
 126 4.9 9.8 14.8#



#82
 Chrysene
 Concen: 37.955 ng
 RT: 21.57 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BM016598.D
 Acq: 27 Aug 2018 10:02

Tgt Ion:228 Resp: 2803684
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.1 36.1
 229 19.9 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.921 ng

RT: 21.41 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

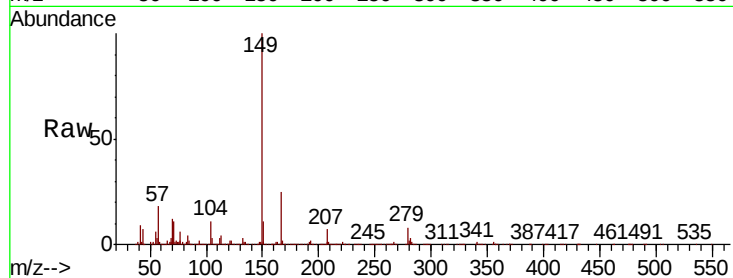
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 1172245

Ion	Ratio	Lower	Upper
149	100		
167	25.4	22.4	33.6
279	8.3	3.4	5.0

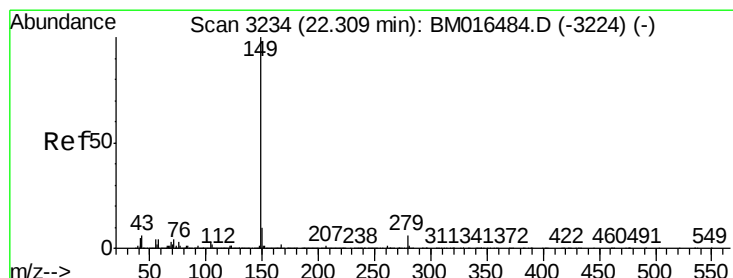
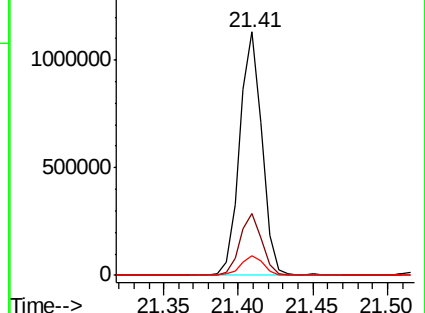
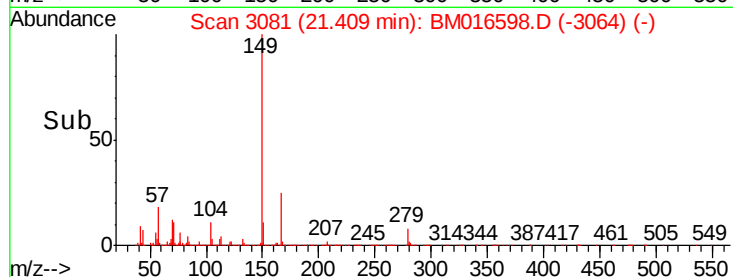


Abundance

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: 31.949 ng

RT: 22.29 min Scan# 3231

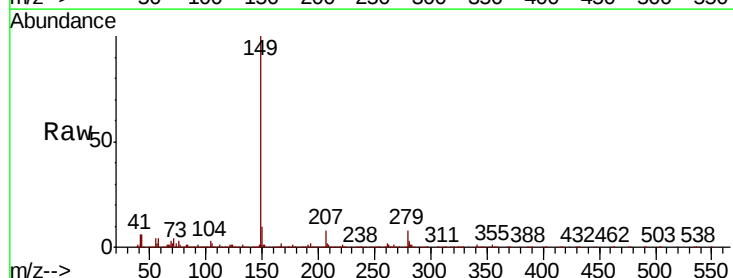
Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Tgt Ion:149 Resp: 1949779

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	6.5	7.3	10.9

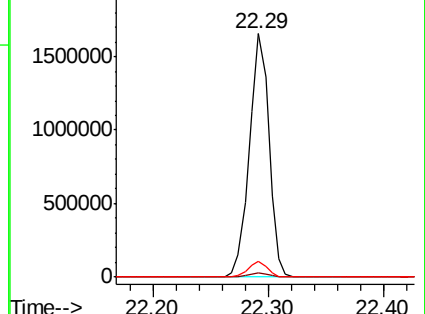
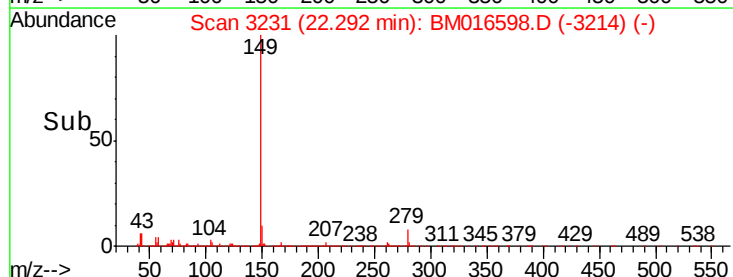


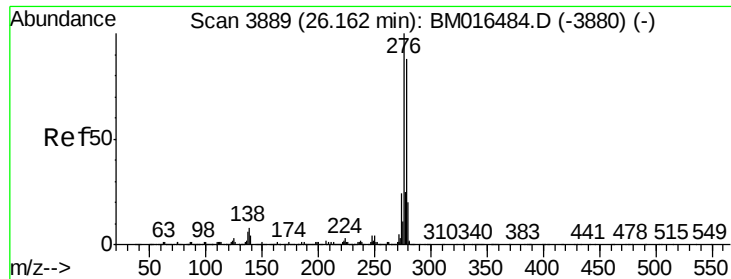
Abundance

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: 32.637 ng

RT: 26.13 min Scan# 3884

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Instrument :

BNA_M

ClientSampleId :

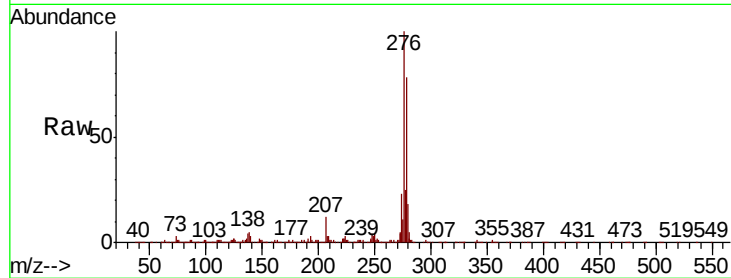
Tot Ion:276 Resp: 3467051

Ion Ratio Lower Upper

276 100

138 5.7 12.0 18.0#

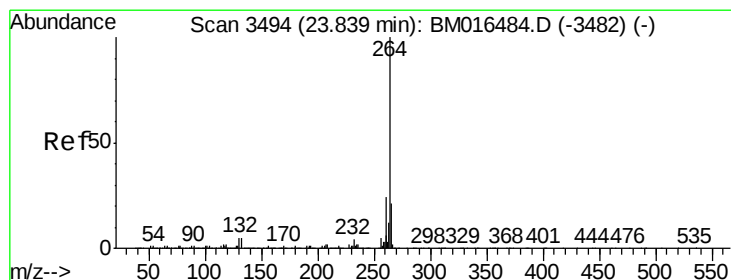
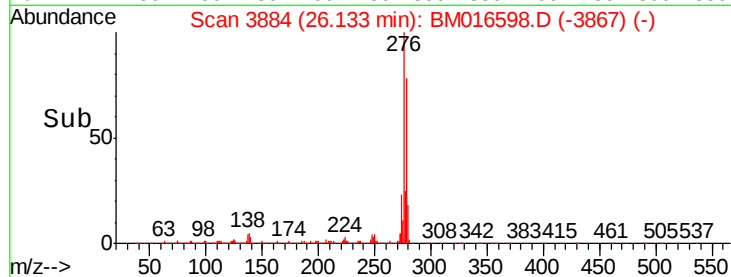
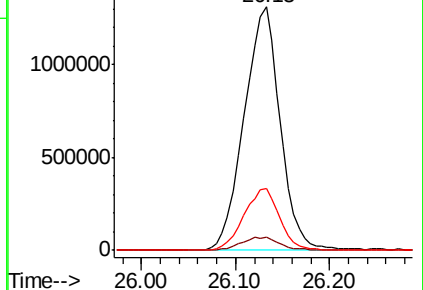
277 25.3 20.0 30.0



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: 23.82 min Scan# 3490

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

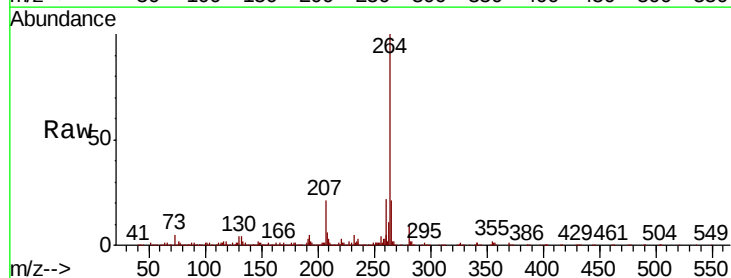
Tgt Ion:264 Resp: 1370715

Ion Ratio Lower Upper

264 100

260 22.3 18.6 27.8

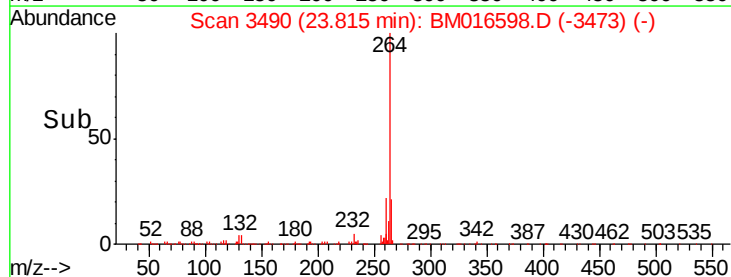
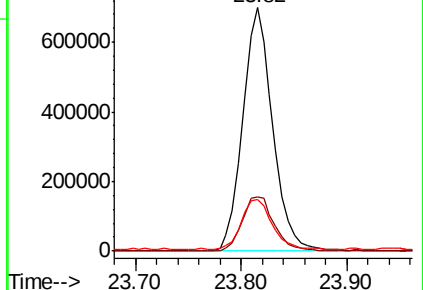
265 21.5 17.3 25.9

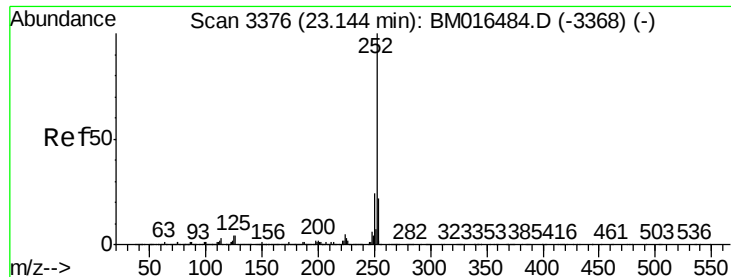


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

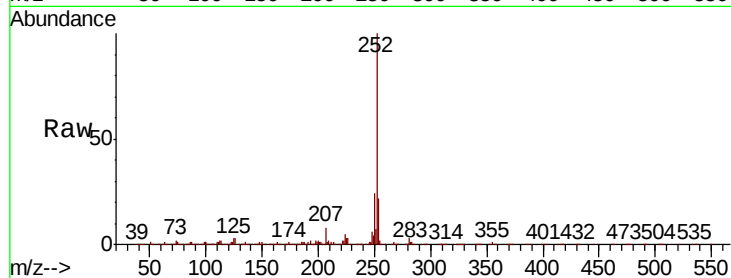




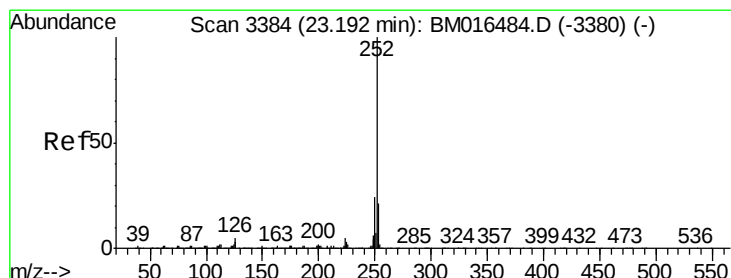
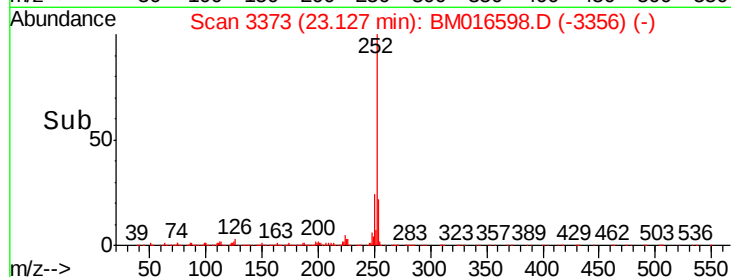
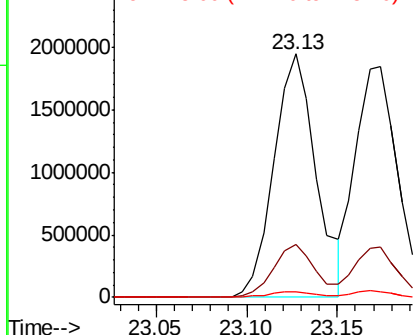
#87
Benzo(b)fluoranthene
Concen: 40.008 ng
RT: 23.13 min Scan# 3373
Delta R.T. -0.00 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Instrument :
BNA_M
ClientSampled :

Tot Ion:252 Resp: 3161255
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 2.5 9.9 14.9#

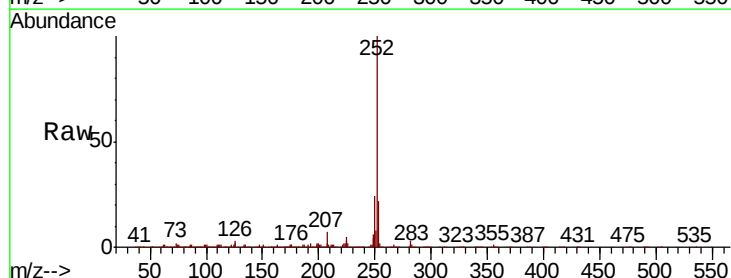


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

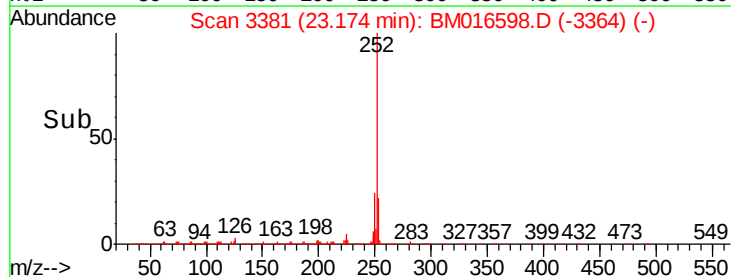
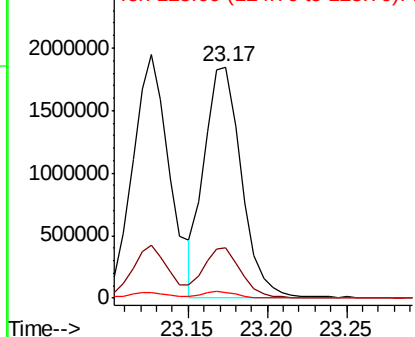


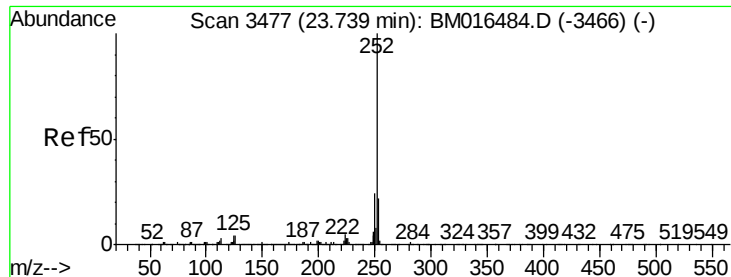
#88
Benzo(k)fluoranthene
Concen: 37.515 ng
RT: 23.17 min Scan# 3381
Delta R.T. -0.00 min
Lab File: BM016598.D
Acq: 27 Aug 2018 10:02

Tgt Ion:252 Resp: 3016109
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 2.2 8.1 12.1#



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





#89

Benzo(a)pyrene

Concen: 37.594 ng

RT: 23.72 min Scan# 3473

Delta R.T. -0.01 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

Instrument :

BNA_M

ClientSampleId :

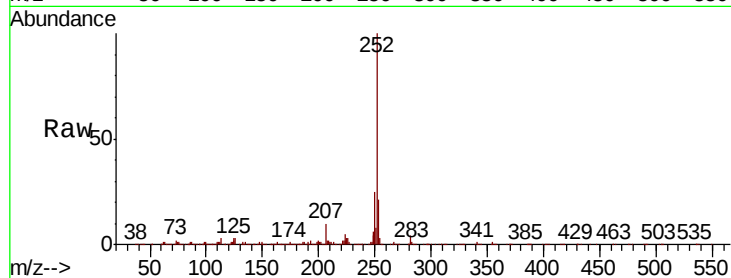
Tot Ion:252 Resp: 2890330

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

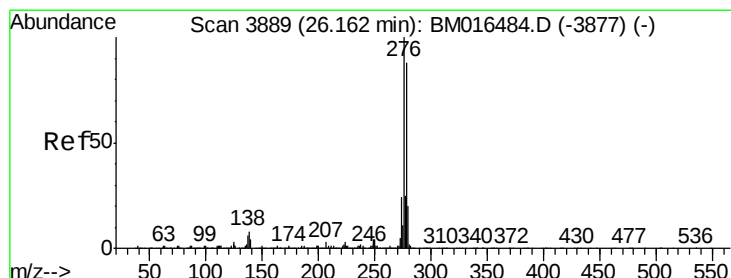
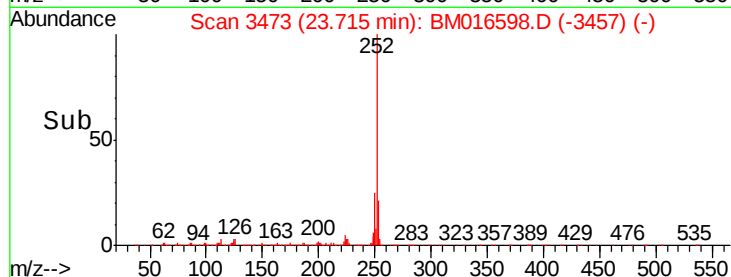
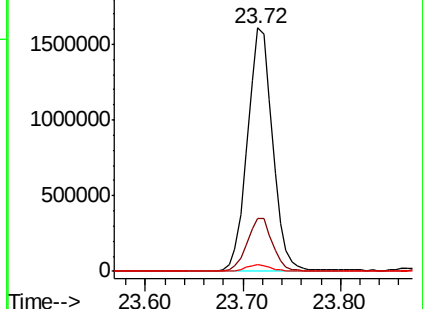
125 2.7 7.4 11.2#



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: 33.636 ng

RT: 26.13 min Scan# 3883

Delta R.T. -0.00 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

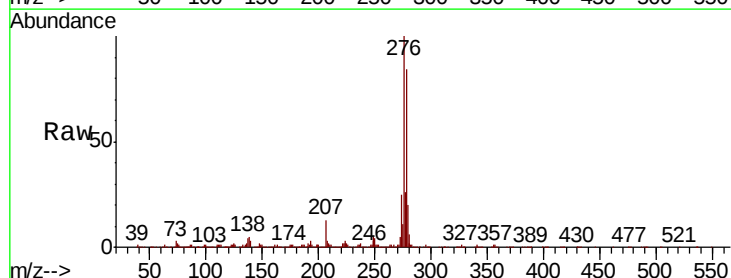
Tgt Ion:278 Resp: 2898233

Ion Ratio Lower Upper

278 100

139 3.4 13.4 20.0#

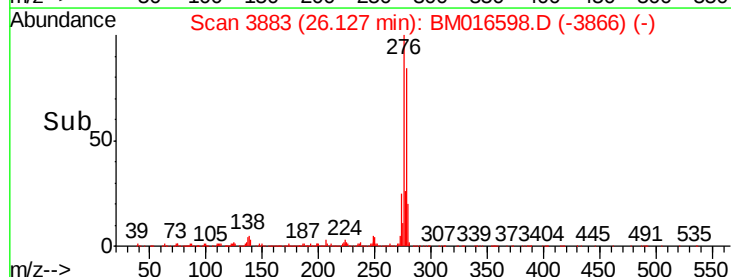
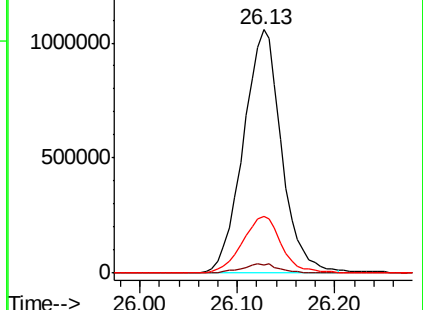
279 23.4 19.0 28.4

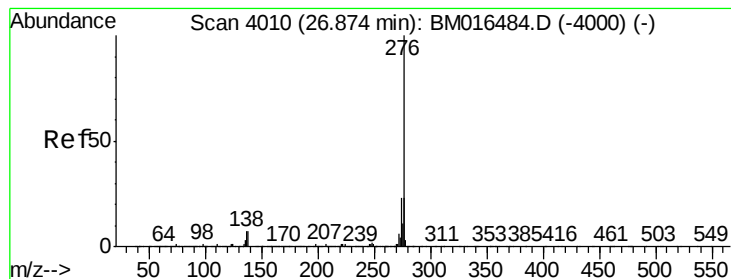


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.518 ng

RT: 26.84 min Scan# 4004

Delta R.T. -0.01 min

Lab File: BM016598.D

Acq: 27 Aug 2018 10:02

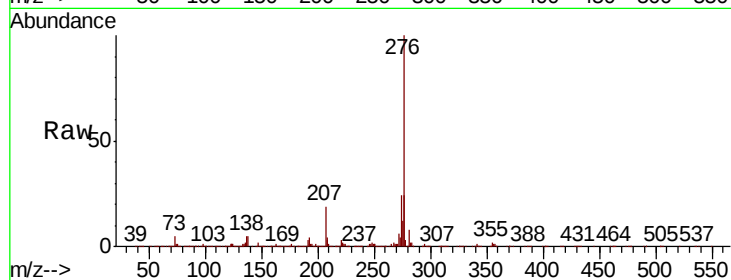
Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 2669807

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	4.9	19.0	28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

