

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
 Data File : BM016333.D
 Acq On : 13 Aug 2018 19:49
 Operator : SJ/JU
 Sample : PB111978BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

Quant Time: Aug 14 03:53:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 10 18:44:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	23590	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	89225	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	45345	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	91572	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	114349	20.00	ng	-0.02
86) Perylene-d12	23.96	264	121640	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	224869	158.34	ng	-0.01
7) Phenol-d6	7.30	99	256408	138.25	ng	0.00
23) Nitrobenzene-d5	9.31	82	157737	82.23	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	82720	143.83	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	317781	85.27	ng	-0.02
78) Terphenyl-d14	20.07	244	437542	80.10	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	30242	45.451	ng	# 100
3) Pyridine	3.88	79	57628	35.952	ng	# 75
4) n-Nitrosodimethylamine	3.80	42	69448	55.549	ng	# 26
6) Aniline	7.45	93	55943	26.198	ng	# 88
8) 2-Chlorophenol	7.69	128	67476	39.978	ng	96
9) Benzaldehyde	7.27	77	31663	24.300	ng	85
10) Phenol	7.32	94	69784	37.630	ng	89
11) bis(2-Chloroethyl)ether	7.55	93	52480	35.822	ng	85
12) 1,3-Dichlorobenzene	8.00	146	76026	38.482	ng	# 84
13) 1,4-Dichlorobenzene	8.16	146	77305	38.582	ng	# 89
14) 1,2-Dichlorobenzene	8.47	146	74219	37.856	ng	# 95
15) Benzyl Alcohol	8.38	79	54077	36.619	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	8.65	45	70785	31.570	ng	89
17) 2-Methylphenol	8.58	107	48318	38.120	ng	# 79
18) Hexachloroethane	9.19	117	38911	44.926	ng	96
19) n-Nitroso-di-n-propylamine	8.93	70	48010	35.417	ng	# 71
20) 3+4-Methylphenols	8.91	107	62002	33.998	ng	# 83
22) Acetophenone	8.96	105	98811	43.981	ng	# 81
24) Nitrobenzene	9.35	77	82454	42.701	ng	92
25) Isophorone	9.87	82	124006	47.258	ng	# 91
26) 2-Nitrophenol	10.06	139	32912	40.830	ng	# 29
27) 2,4-Dimethylphenol	10.11	122	54091	48.166	ng	# 80
28) bis(2-Chloroethoxy)methane	10.35	93	68068	39.911	ng	100
29) 2,4-Dichlorophenol	10.60	162	55553	41.629	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	66834	41.220	ng	96
31) Naphthalene	10.99	128	190748	42.240	ng	98
32) Benzoic acid	10.29	122	29877	34.900	ng	# 83
33) 4-Chloroaniline	11.12	127	43615	23.668	ng	# 83
34) Hexachlorobutadiene	11.24	225	53973	47.989	ng	92
35) Caprolactam	11.93	113	13076	35.378	ng	# 86
36) 4-Chloro-3-methylphenol	12.23	107	59021	40.211	ng	85
37) 2-Methylnaphthalene	12.59	142	134606	44.498	ng	# 84
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	73237	47.441	ng	# 100
40) Hexachlorocyclopentadiene	12.91	237	45362	61.794	ng	97

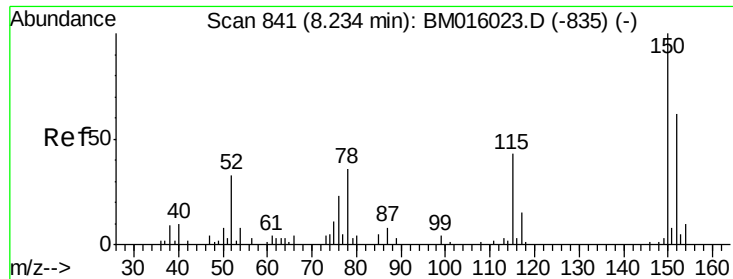
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	42364	43.861	ng	94
43) 2,4,5-Trichlorophenol	13.29	196	41911	42.068	ng #	81
45) 1,1'-Biphenyl	13.59	154	167786	41.001	ng	99
46) 2-Chloronaphthalene	13.64	162	129318	40.629	ng #	86
47) 2-Nitroaniline	13.86	65	42878	40.747	ng #	71
48) Acenaphthylene	14.48	152	205747	44.156	ng	99
49) Dimethylphthalate	14.22	163	167905	42.311	ng	99
50) 2,6-Dinitrotoluene	14.36	165	31787	39.811	ng #	49
51) Acenaphthene	14.82	154	116671	40.713	ng	97
52) 3-Nitroaniline	14.69	138	24668	28.603	ng #	69
53) 2,4-Dinitrophenol	14.92	184	22711	67.293	ng #	63
54) Dibenzofuran	15.16	168	193077	40.886	ng #	73
55) 4-Nitrophenol	15.01	139	38541	62.340	ng #	90
56) 2,4-Dinitrotoluene	15.15	165	46625	40.839	ng #	56
57) Fluorene	15.80	166	150663	42.934	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	37967	44.336	ng #	100
59) Diethylphthalate	15.56	149	184388	43.108	ng #	93
60) 4-Chlorophenyl-phenylether	15.79	204	80440	41.177	ng #	81
61) 4-Nitroaniline	15.86	138	28954	34.992	ng #	1
62) Azobenzene	16.08	77	210859	46.809	ng #	70
64) 4,6-Dinitro-2-methylphenol	15.92	198	18164	32.680	ng #	79
65) n-Nitrosodiphenylamine	16.01	169	128536	42.628	ng	98
66) 4-Bromophenyl-phenylether	16.67	248	47498	45.807	ng #	70
67) Hexachlorobenzene	16.80	284	44914	39.333	ng #	60
68) Atrazine	16.95	200	48777	45.134	ng	97
69) Pentachlorophenol	17.15	266	43658	61.743	ng	97
70) Phenanthrene	17.53	178	220808	43.070	ng	98
71) Anthracene	17.63	178	226090	45.375	ng	97
72) Carbazole	17.90	167	198002	38.358	ng #	94
73) Di-n-butylphthalate	18.42	149	285705	44.418	ng #	96
74) Fluoranthene	19.53	202	258447	45.193	ng	98
76) Benzidine	19.72	184	88666	27.748	ng	97
77) Pyrene	19.89	202	267983	39.107	ng	99
79) Butylbenzylphthalate	20.74	149	138967	39.920	ng #	71
80) Benzo(a)anthracene	21.61	228	310269	44.054	ng	99
81) 3,3'-Dichlorobenzidine	21.54	252	80667	28.436	ng	98
82) Chrysene	21.66	228	290419	42.987	ng	99
83) Bis(2-ethylhexyl)phthalate	21.50	149	203479	40.332	ng #	91
84) Di-n-octyl phthalate	22.39	149	365977	43.162	ng #	88
85) Indeno(1,2,3-cd)pyrene	26.34	276	392153	48.915	ng	98
87) Benzo(b)fluoranthene	23.25	252	321048	44.827	ng #	94
88) Benzo(k)fluoranthene	23.29	252	320004	44.089	ng #	96
89) Benzo(a)pyrene	23.86	252	316888	46.026	ng	98
90) Dibenzo(a,h)anthracene	26.33	278	332795	46.653	ng #	93
91) Benzo(g,h,i)perylene	27.07	276	311303	46.141	ng #	90

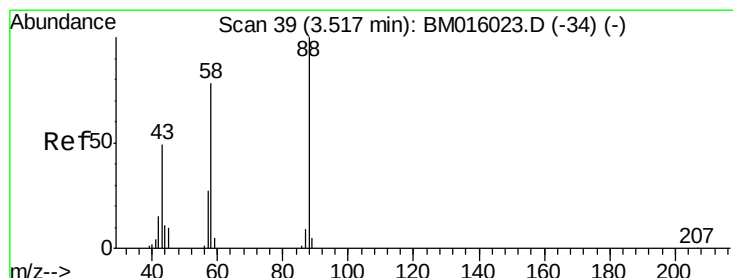
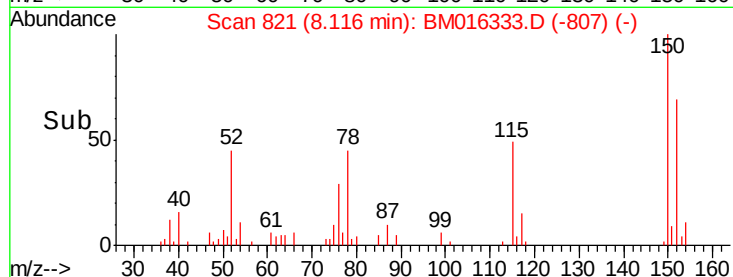
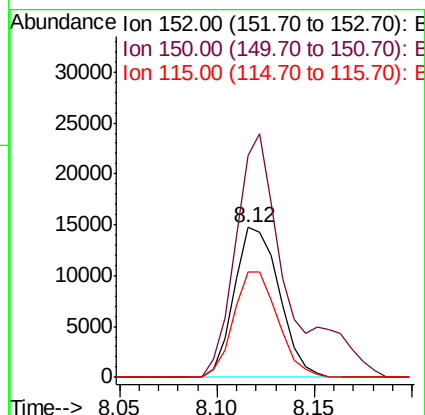
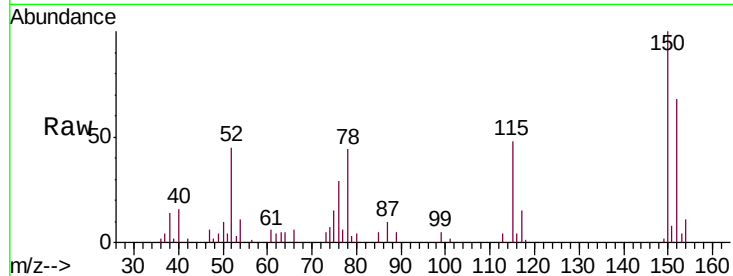
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

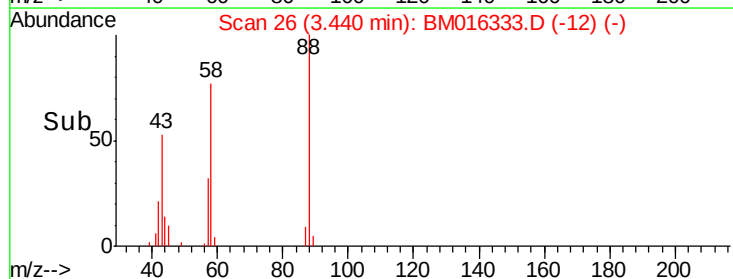
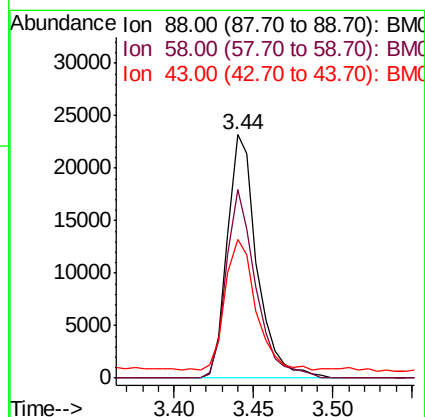
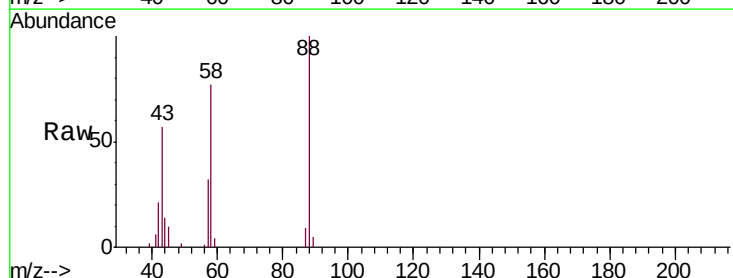
Instrument :
 BNA_M
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 PB111978BS

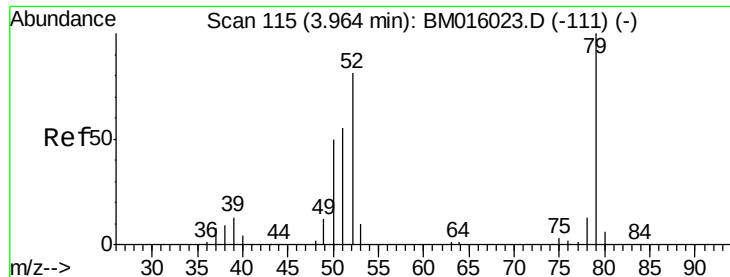
Tgt Ion:152 Resp: 23590
 Ion Ratio Lower Upper
 152 100
 150 147.9 119.5 179.3
 115 70.6 43.0 64.4#



#2
 1,4-Dioxane
 Concen: 45.451 ng
 RT: 3.44 min Scan# 26
 Delta R.T. -0.02 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion: 88 Resp: 30242
 Ion Ratio Lower Upper
 88 100
 58 77.1 0.0 0.0#
 43 55.7 0.0 0.0#





#3

Pyridine

Concen: 35.952 ng

RT: 3.88 min Scan# 101

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

BNA_M

ClientSampleId :

PB111978BS

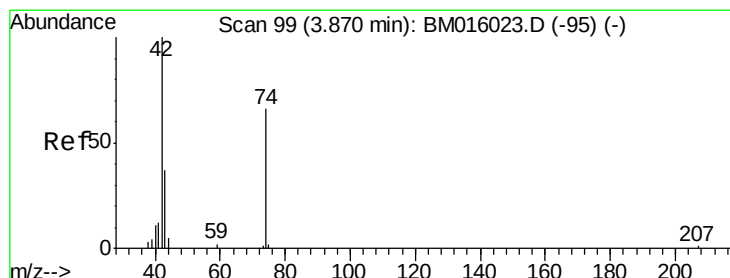
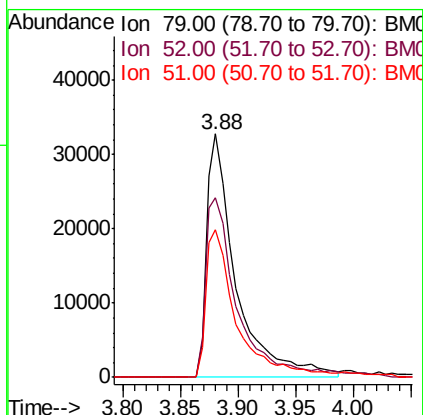
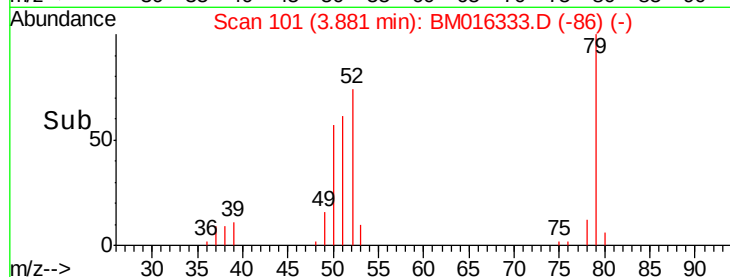
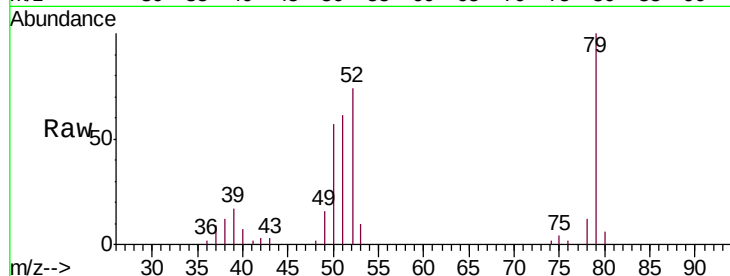
Tgt Ion: 79 Resp: 57628

Ion Ratio Lower Upper

79 100

52 73.6 51.1 76.7

51 60.7 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 55.549 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

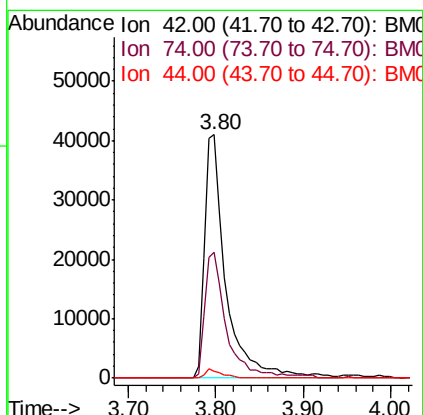
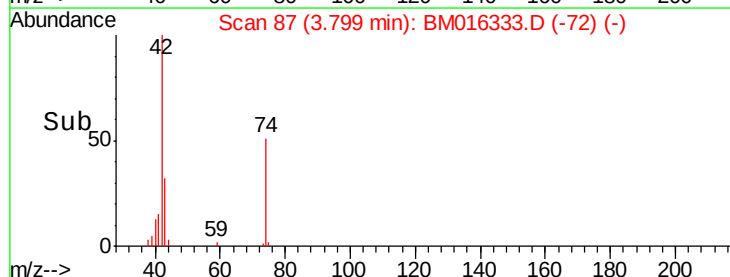
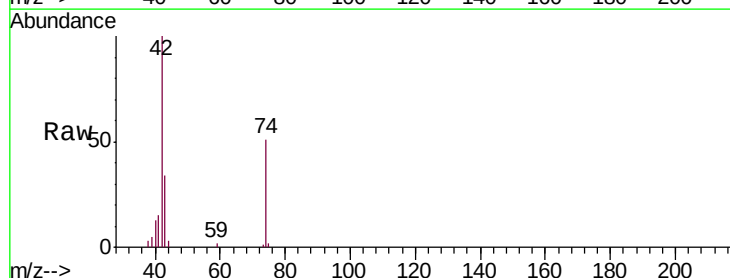
Tgt Ion: 42 Resp: 69448

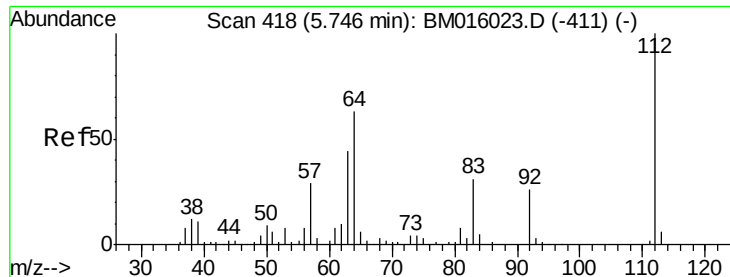
Ion Ratio Lower Upper

42 100

74 51.5 119.3 178.9#

44 2.9 5.4 8.2#





#5

2-Fluorophenol

Concen: 55.549 ng

RT: 5.65 min Scan# 402

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

BNA_M

ClientSampleId :

PB111978BS

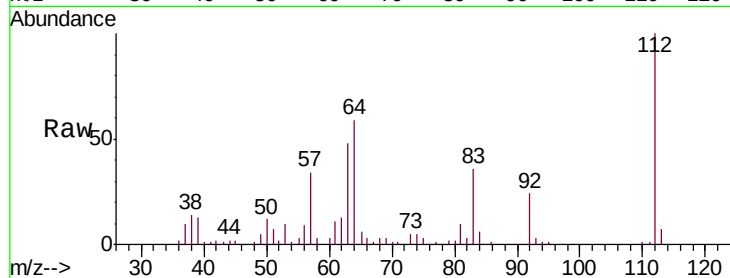
Tgt Ion: 112 Resp: 224869

Ion Ratio Lower Upper

112 100

64 59.4 38.6 57.8#

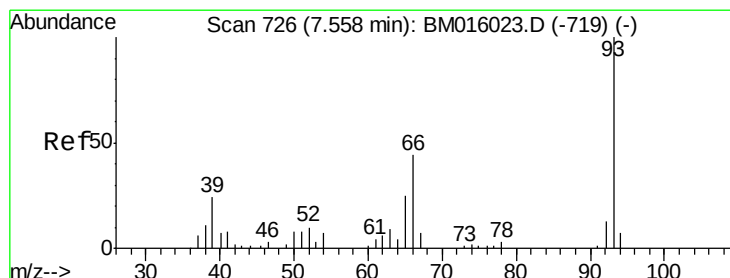
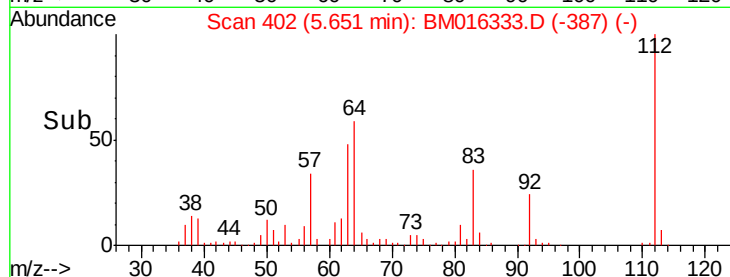
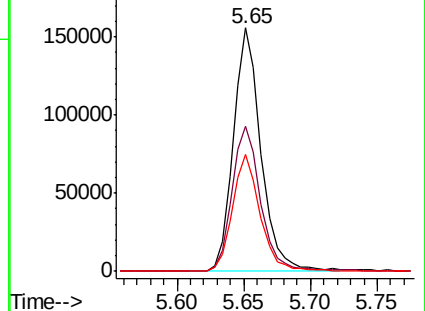
63 48.3 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 26.198 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

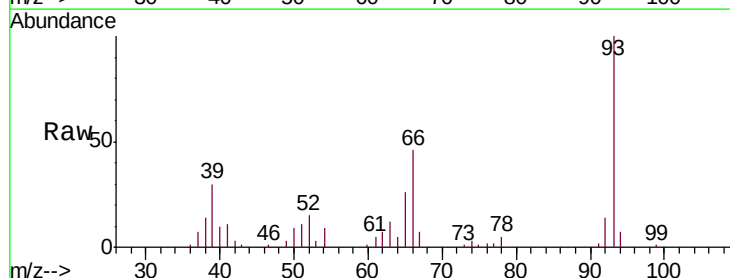
Tgt Ion: 93 Resp: 55943

Ion Ratio Lower Upper

93 100

66 46.0 30.8 46.2

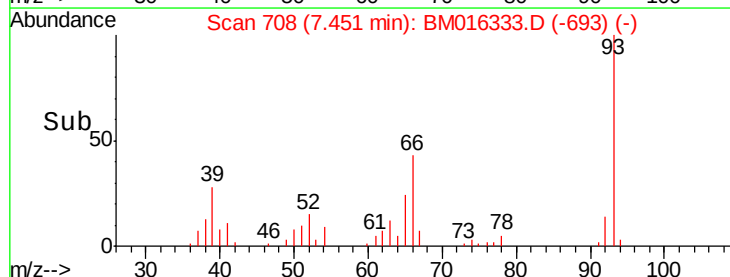
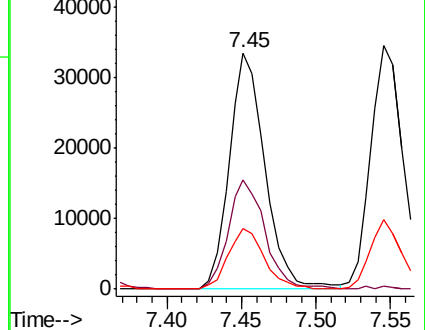
65 25.7 16.0 24.0#

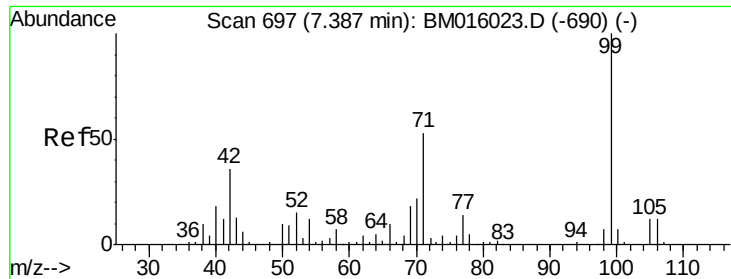


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 26.198 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

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ClientSampleId :

PB111978BS

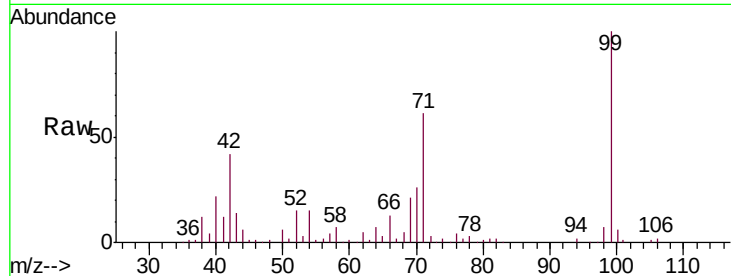
Tgt Ion: 99 Resp: 256408

Ion Ratio Lower Upper

99 100

42 42.0 11.0 16.4#

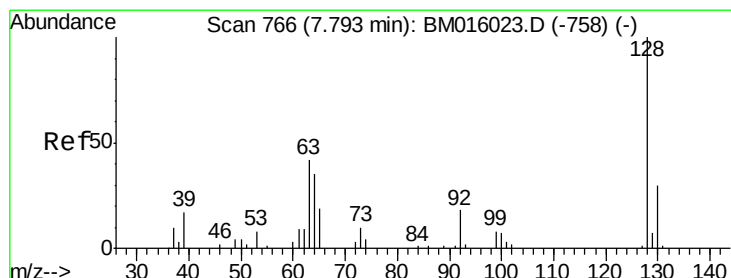
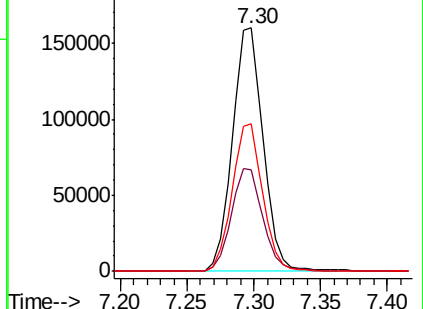
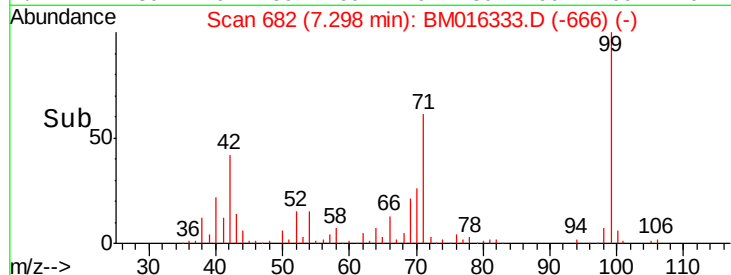
71 60.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016333.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016333.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016333.D (-666) (-)



#8

2-Chlorophenol

Concen: 39.978 ng

RT: 7.69 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

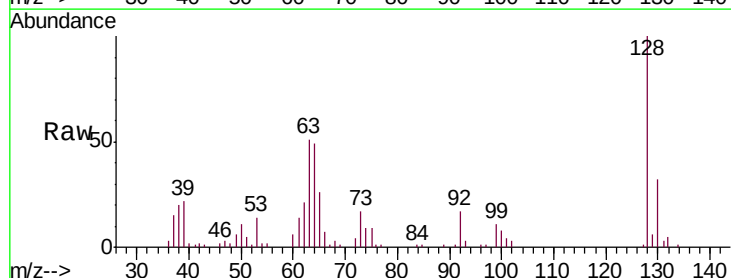
Tgt Ion: 128 Resp: 67476

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

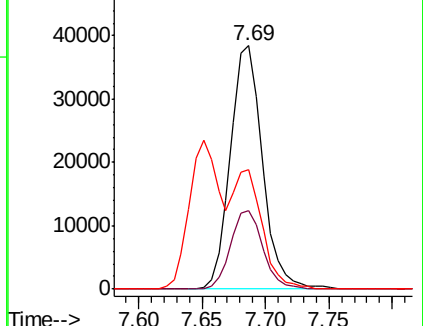
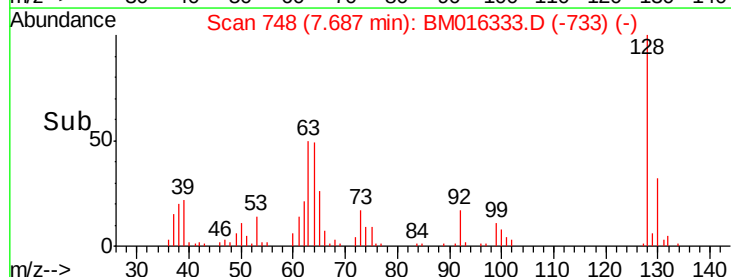
64 49.2 24.9 64.9

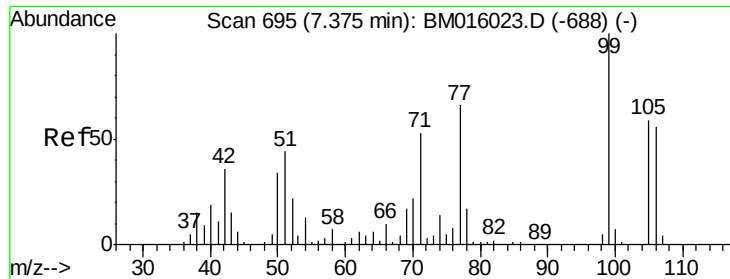


Abundance Ion 128.00 (127.70 to 128.70): BM016333.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM016333.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM016333.D (-733) (-)





#9

Benzaldehyde

Concen: 24.300 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

BNA_M

ClientSampleId :

PB111978BS

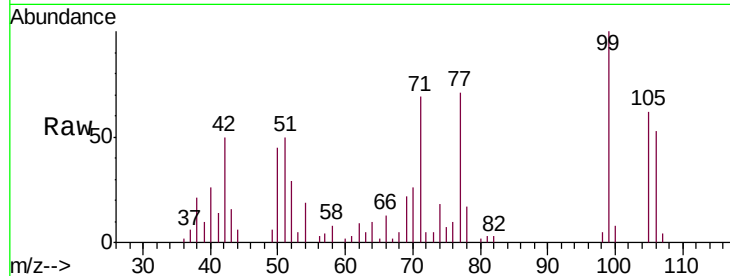
Tgt Ion: 77 Resp: 31663

Ion Ratio Lower Upper

77 100

105 88.0 78.8 118.8

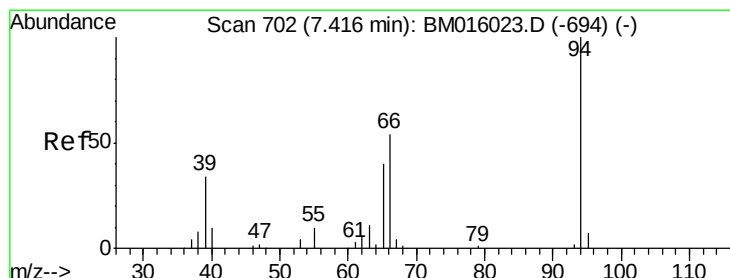
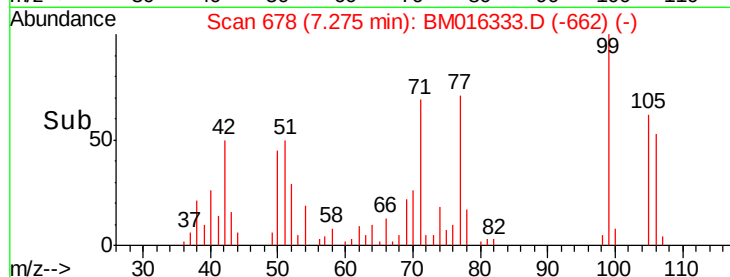
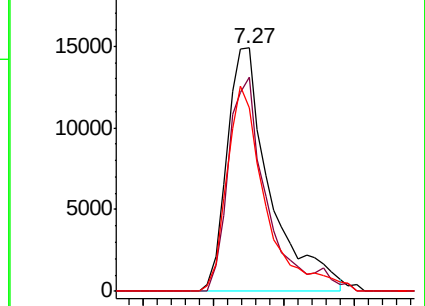
106 75.2 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016333.D (-678) (-)

Ion 105.00 (104.70 to 105.70): BM016333.D (-678) (-)

Ion 106.00 (105.70 to 106.70): BM016333.D (-678) (-)



#10

Phenol

Concen: 37.630 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

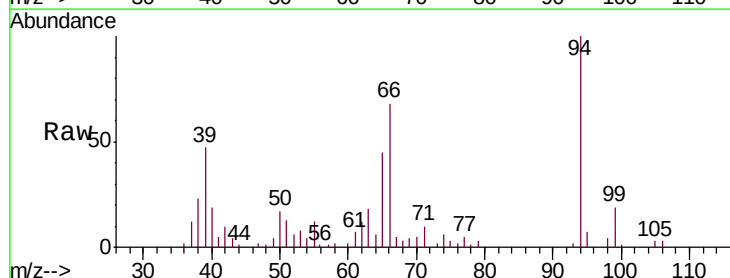
Tgt Ion: 94 Resp: 69784

Ion Ratio Lower Upper

94 100

65 45.3 18.8 58.8

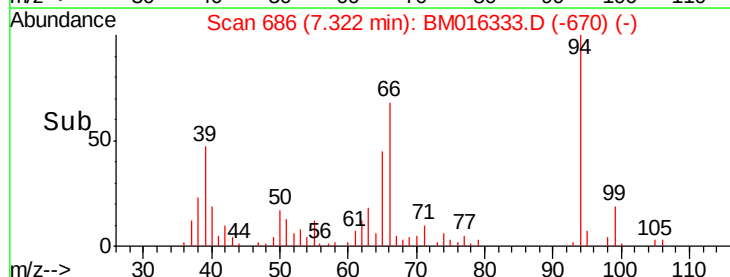
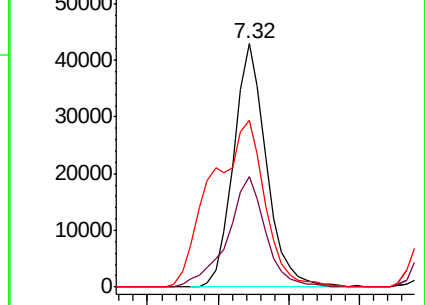
66 68.4 39.9 79.9

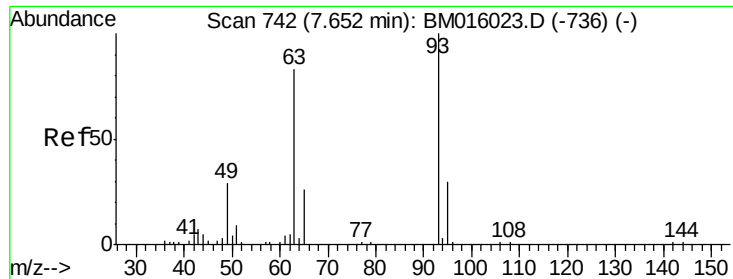


Abundance Ion 94.00 (93.70 to 94.70): BM016333.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM016333.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM016333.D (-670) (-)





#11

bis(2-Chloroethyl)ether

Concen: 35.822 ng

RT: 7.55 min Scan# 724

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

BNA_M

ClientSampleId :

PB111978BS

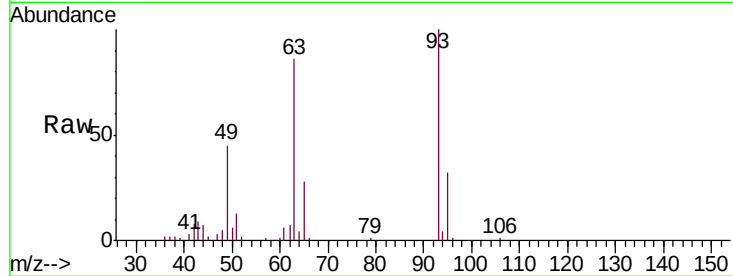
Tgt Ion: 93 Resp: 52480

Ion Ratio Lower Upper

93 100

63 86.3 49.5 89.5

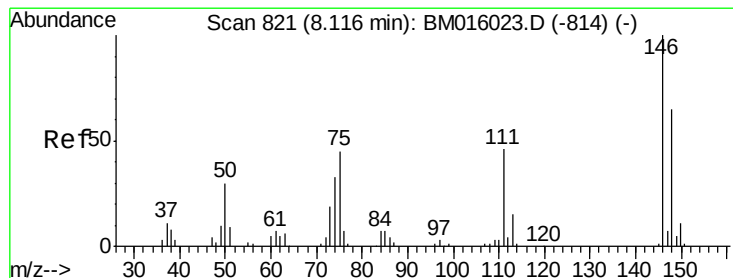
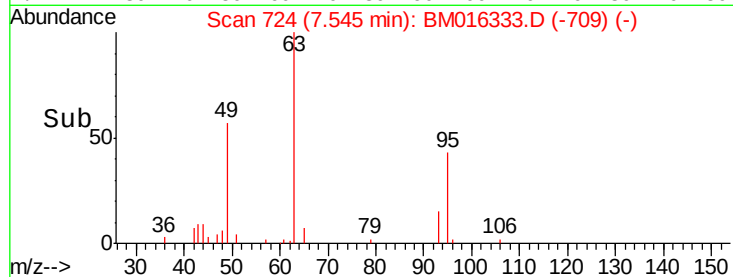
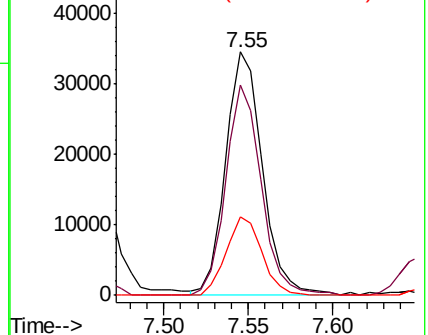
95 32.2 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM016023.D (-736) (-)

Ion 63.00 (62.70 to 63.70): BM016023.D (-736) (-)

Ion 95.00 (94.70 to 95.70): BM016023.D (-736) (-)



#12

1,3-Dichlorobenzene

Concen: 38.482 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.02 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

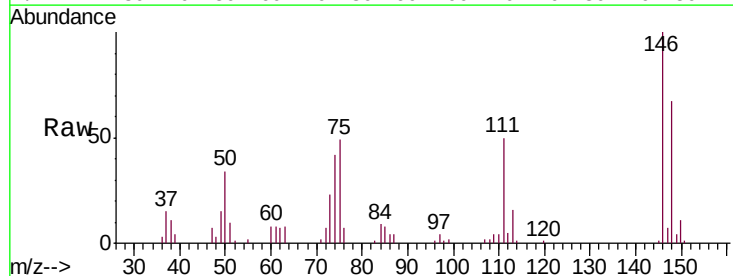
Tgt Ion: 146 Resp: 76026

Ion Ratio Lower Upper

146 100

148 67.2 50.9 76.3

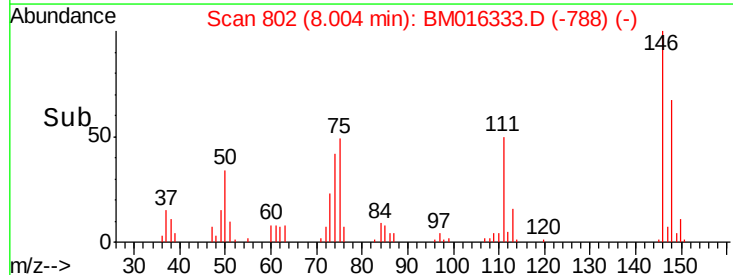
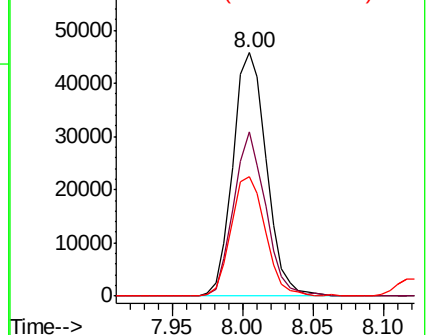
75 49.2 21.4 32.2#

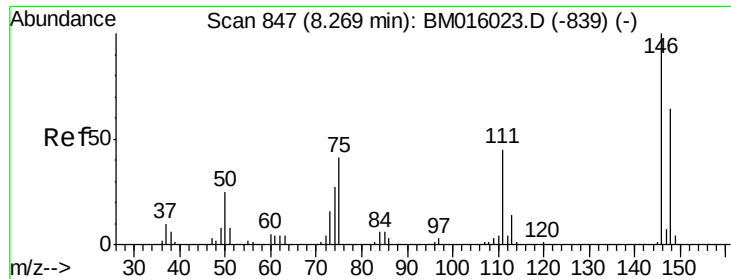


Abundance Ion 146.00 (145.70 to 146.70): BM016023.D (-814) (-)

Ion 148.00 (147.70 to 148.70): BM016023.D (-814) (-)

Ion 75.00 (74.70 to 75.70): BM016023.D (-814) (-)

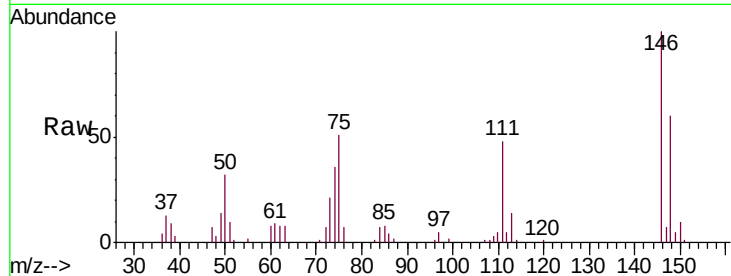




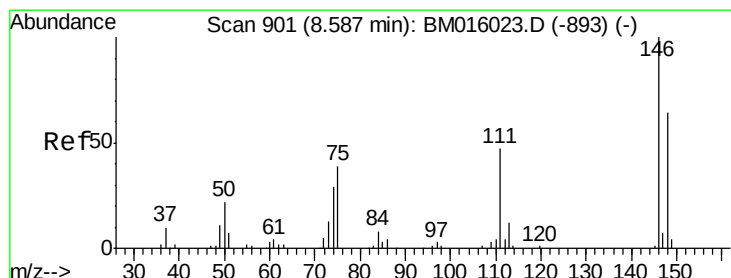
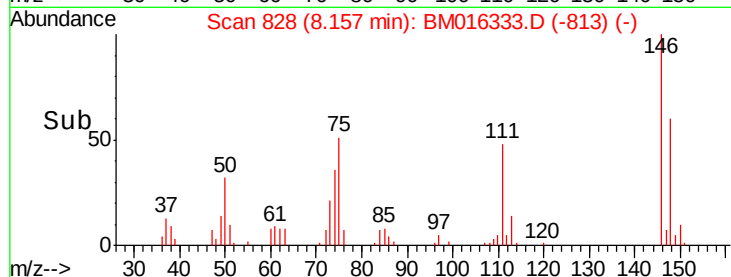
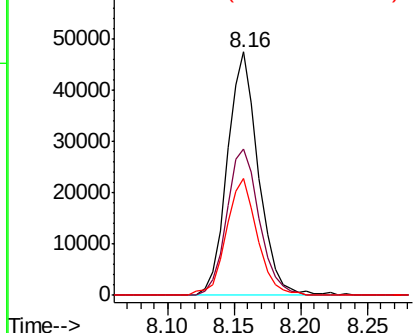
#13
 1,4-Dichlorobenzene
 Concen: 38.582 ng
 RT: 8.16 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

Tgt Ion:146 Resp: 77305
 Ion Ratio Lower Upper
 146 100
 148 60.2 51.9 77.9
 111 48.2 29.2 43.8#

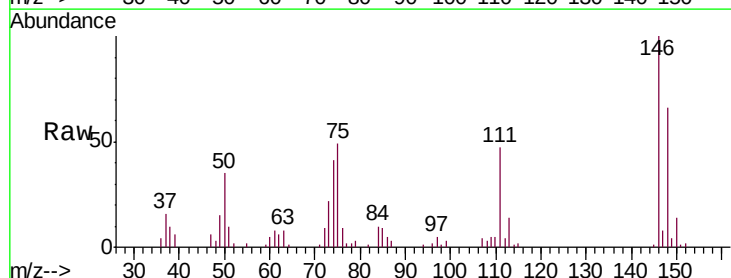


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

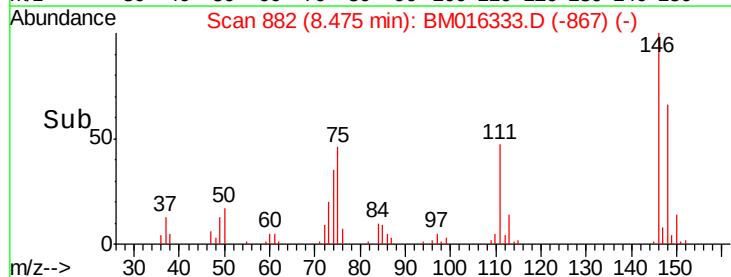
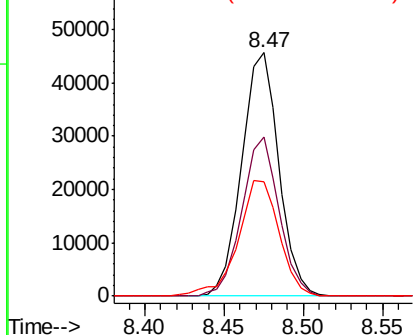


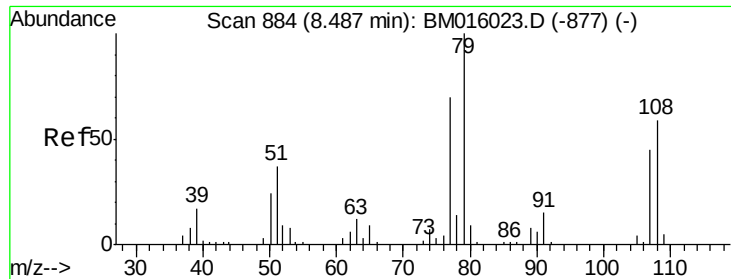
#14
 1,2-Dichlorobenzene
 Concen: 37.856 ng
 RT: 8.47 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion:146 Resp: 74219
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.3 78.5
 111 46.8 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

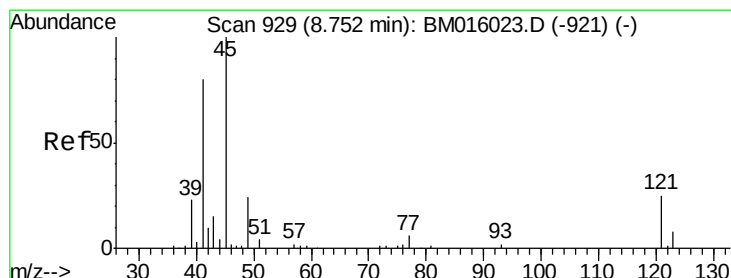
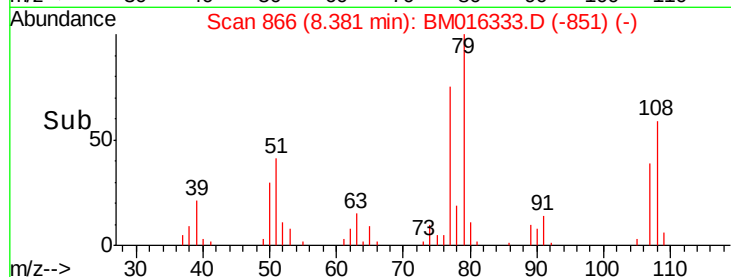
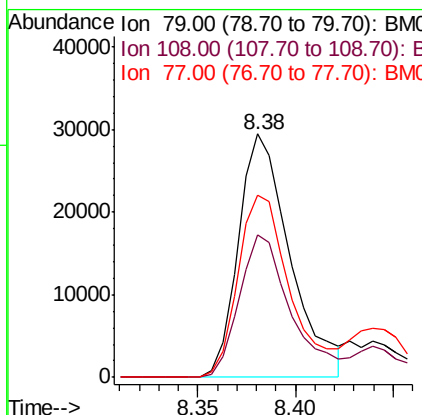
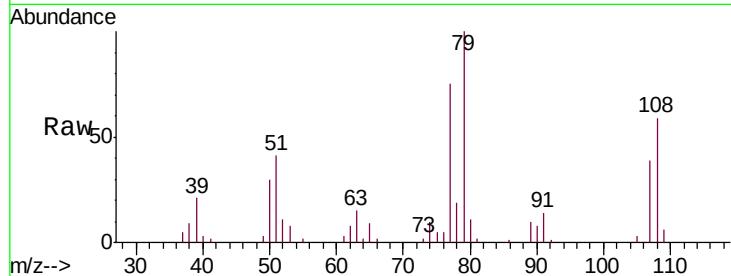




#15
Benzyl Alcohol
Concen: 36.619 ng
RT: 8.38 min Scan# 866
Delta R.T. -0.01 min
Lab File: BM016333.D
Acq: 13 Aug 2018 19:49

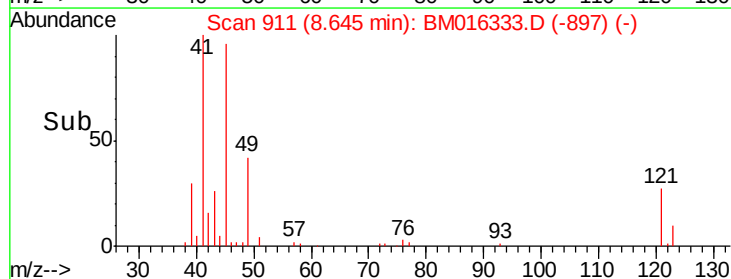
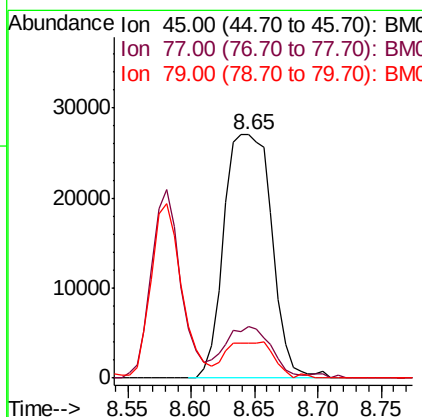
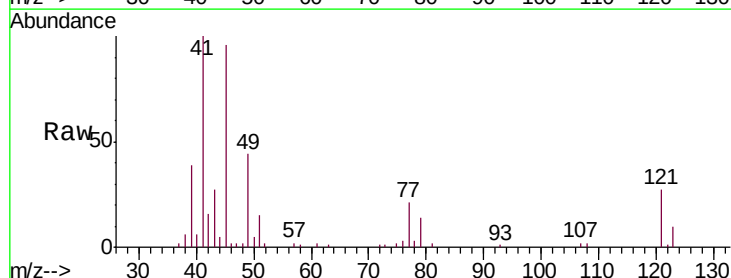
Instrument :
BNA_M
ClientSampleId :
PB111978BS

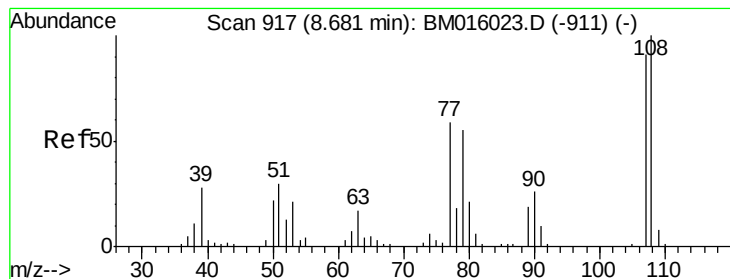
Tgt Ion: 79 Resp: 54077
Ion Ratio Lower Upper
79 100
108 58.6 65.0 97.4#
77 74.9 53.0 79.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.570 ng
RT: 8.65 min Scan# 911
Delta R.T. -0.02 min
Lab File: BM016333.D
Acq: 13 Aug 2018 19:49

Tgt Ion: 45 Resp: 70785
Ion Ratio Lower Upper
45 100
77 21.3 0.0 35.2
79 14.6 0.0 32.0





#17

2-Methylphenol

Concen: 38.120 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

BNA_M

ClientSampleId :

PB111978BS

Tgt Ion:107 Resp: 48318

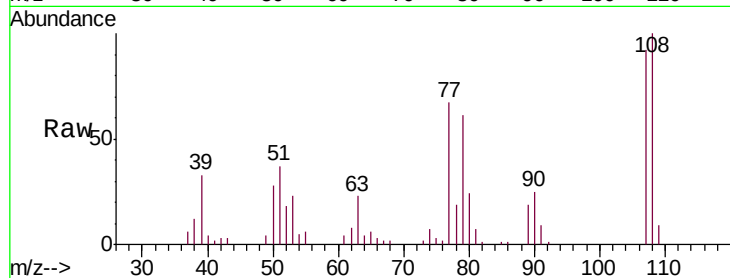
Ion Ratio Lower Upper

107 100

108 109.0 89.8 134.8

77 72.6 32.6 48.8#

79 67.0 32.8 49.2#



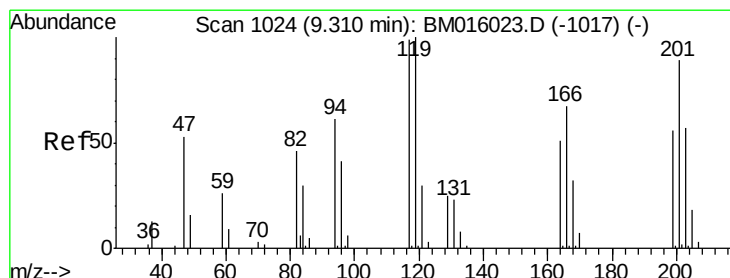
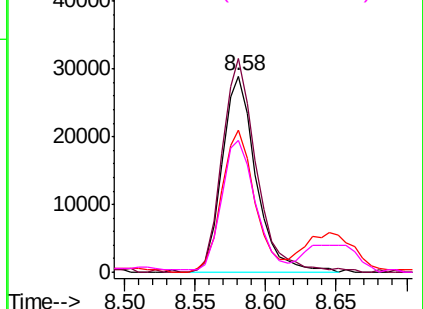
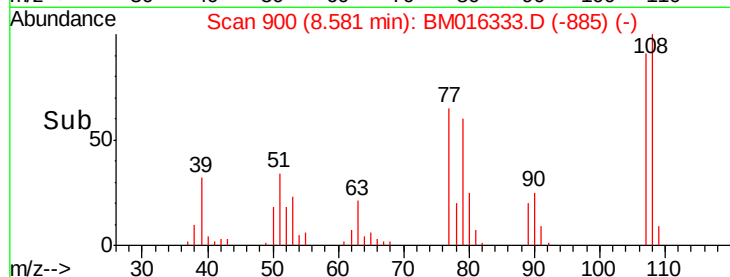
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 44.926 ng

RT: 9.19 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

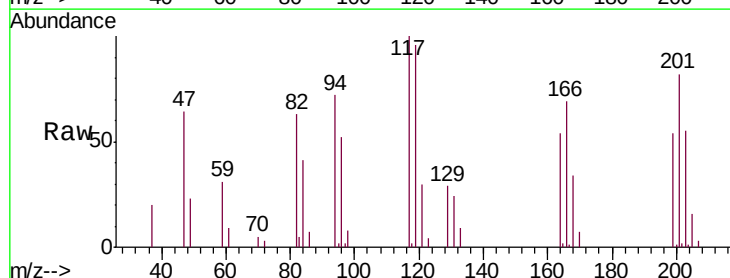
Tgt Ion:117 Resp: 38911

Ion Ratio Lower Upper

117 100

119 95.5 79.2 118.8

201 82.1 69.8 104.6

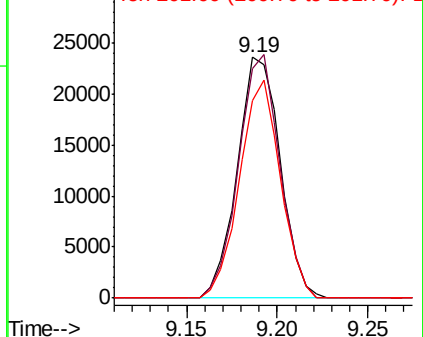
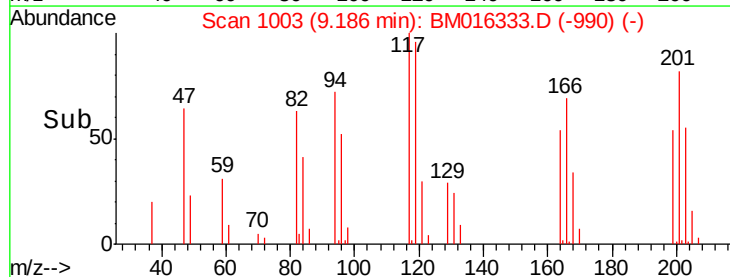


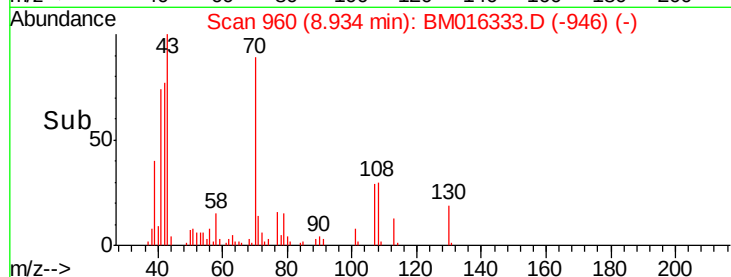
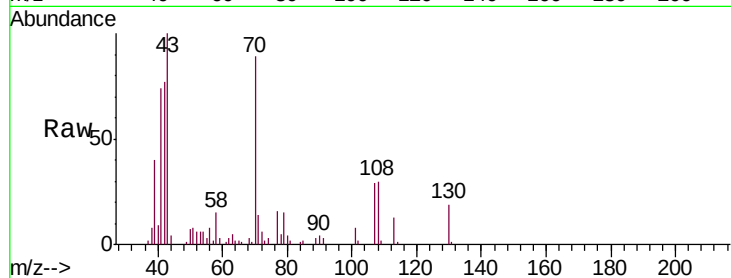
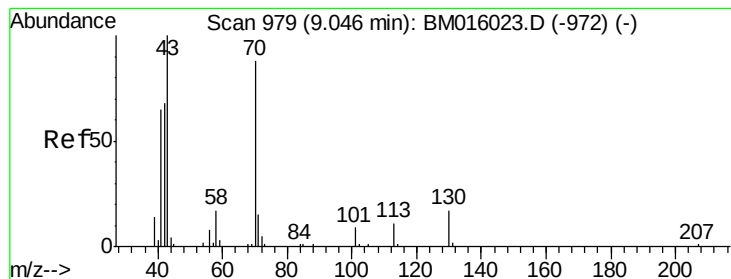
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.417 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.02 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

BNA_M

ClientSampleId :

PB111978BS

Tgt Ion: 70 Resp: 48010

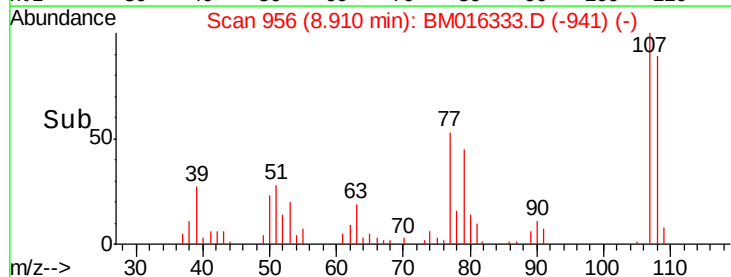
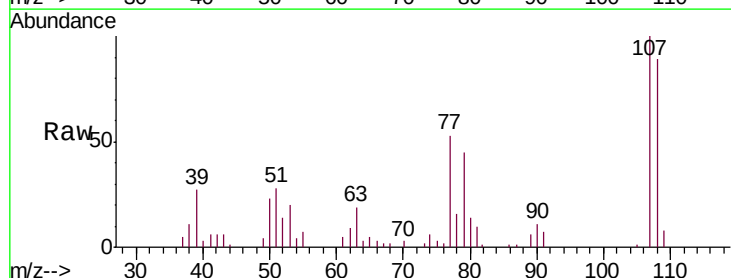
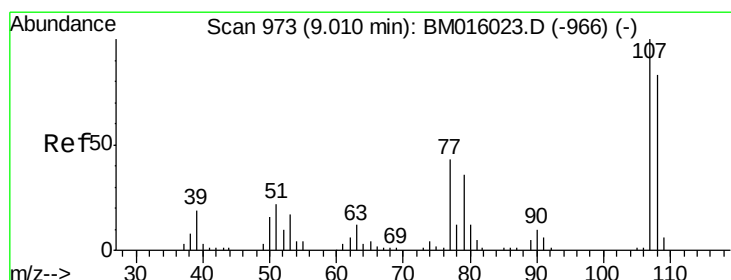
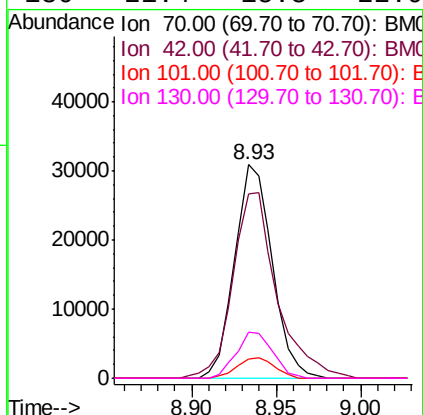
Ion Ratio Lower Upper

70 100

42 86.1 44.5 66.7#

101 9.3 7.4 11.2

130 21.4 15.3 22.9



#20

3+4-Methylphenols

Concen: 33.998 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Tgt Ion: 107 Resp: 62002

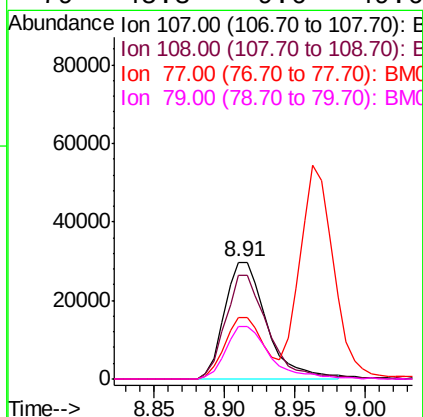
Ion Ratio Lower Upper

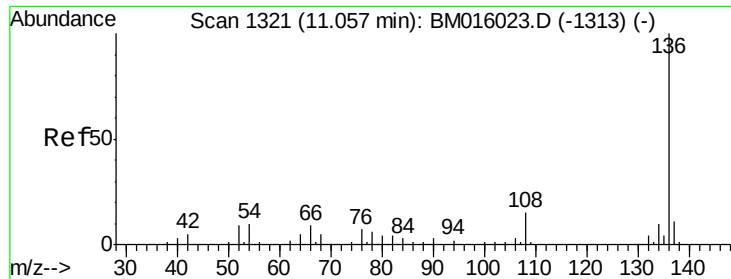
107 100

108 88.5 73.2 113.2

77 52.7 10.7 50.7#

79 45.3 9.6 49.6

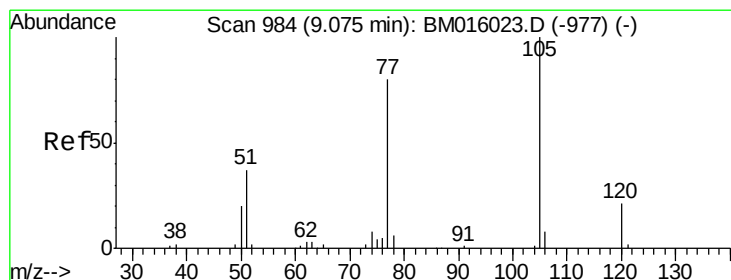
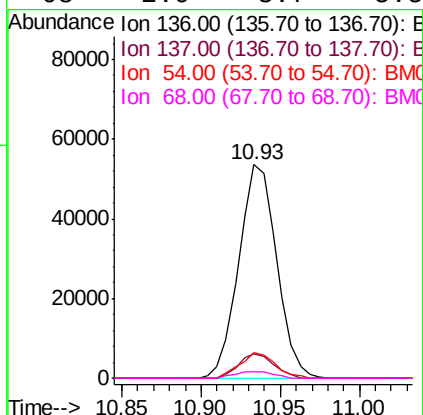
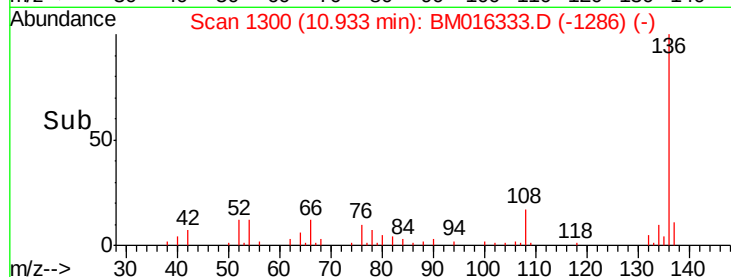
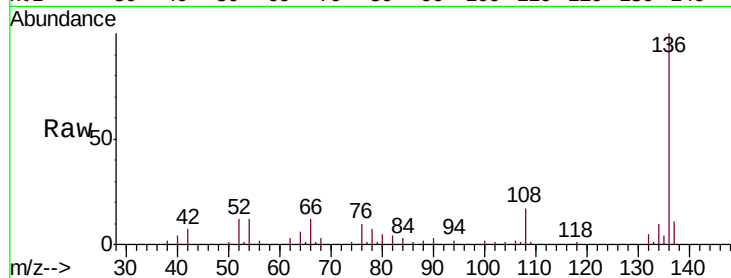




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM016333.D
Acq: 13 Aug 2018 19:49

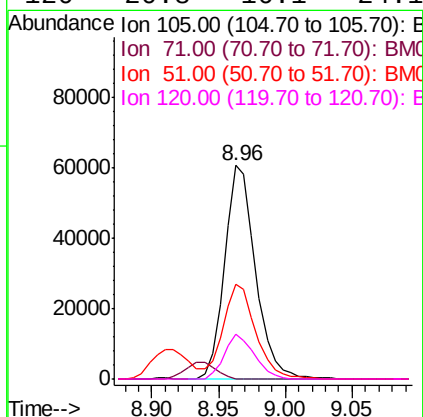
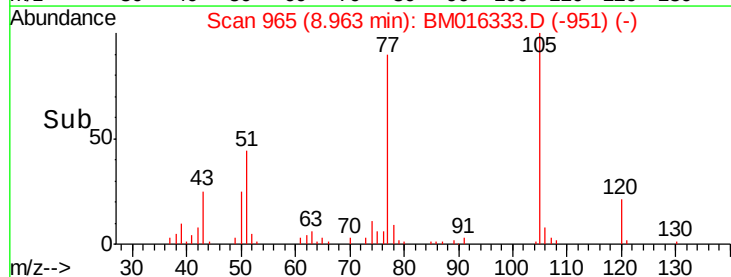
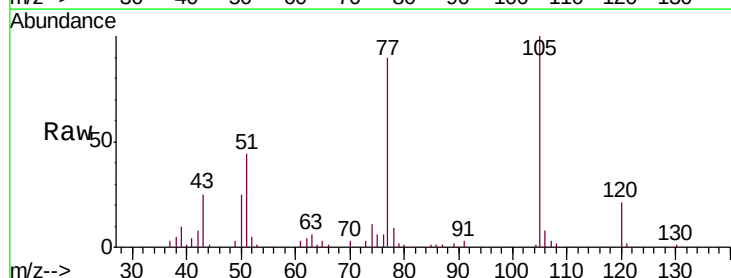
Instrument :
BNA_M
ClientSampleId :
PB111978BS

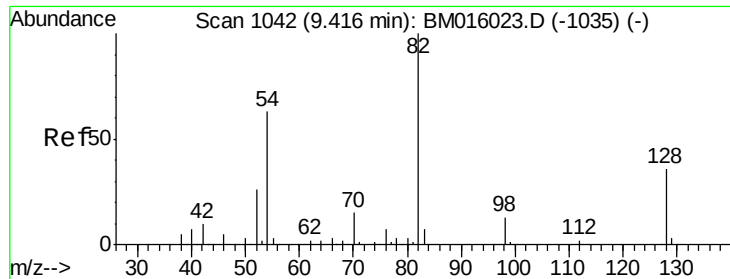
Tgt Ion:	136	Resp:	89225
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.7	4.6	6.8#
68	2.9	3.7	5.5#



#22
Acetophenone
Concen: 43.981 ng
RT: 8.96 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM016333.D
Acq: 13 Aug 2018 19:49

Tgt Ion:	105	Resp:	98811
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	44.1	21.6	32.4#
120	20.8	16.1	24.1

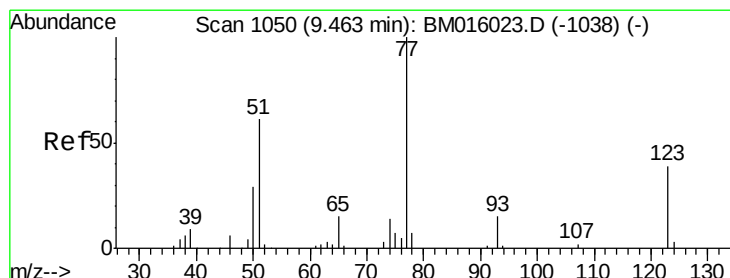
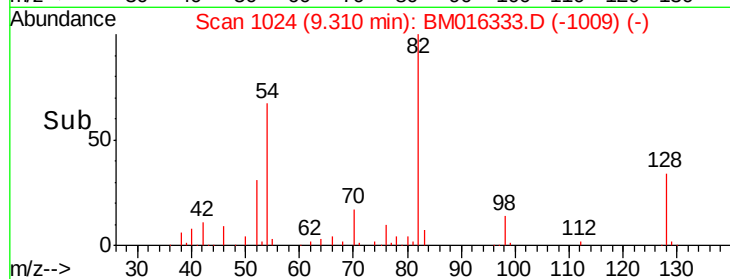
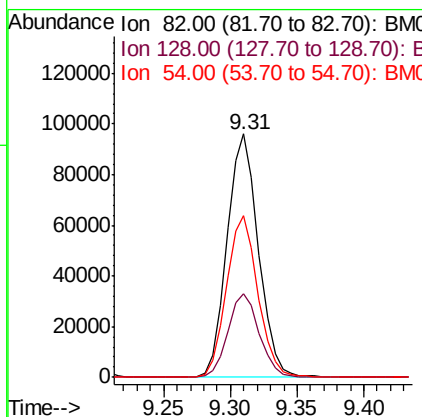
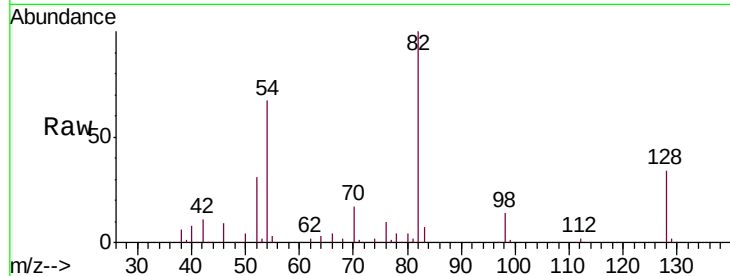




#23
 Nitrobenzene-d5
 Concen: 43.981 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

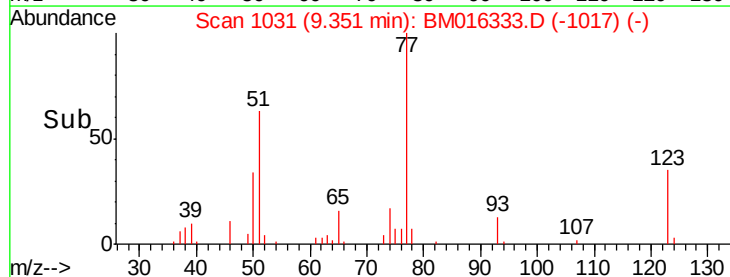
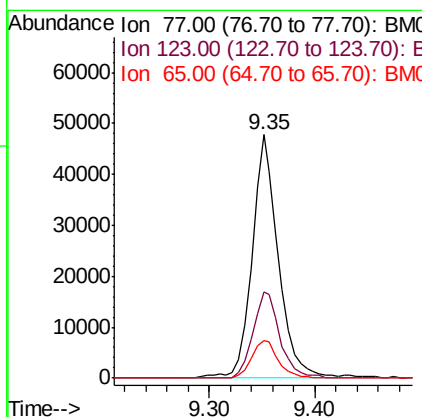
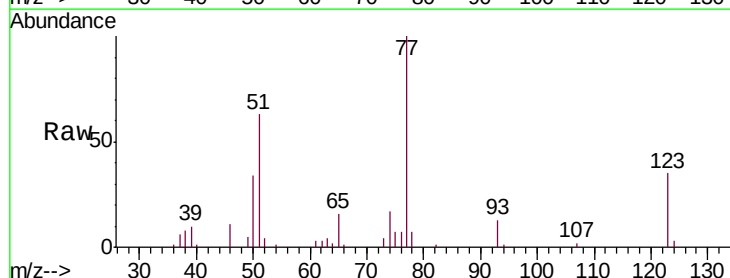
Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

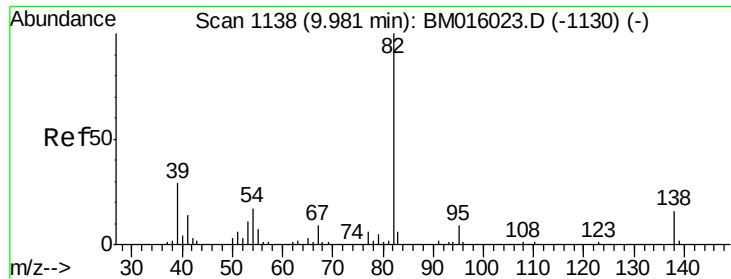
Tgt Ion: 82 Resp: 157737
 Ion Ratio Lower Upper
 82 100
 128 34.4 32.8 49.2
 54 66.7 40.6 60.8#



#24
 Nitrobenzene
 Concen: 42.701 ng
 RT: 9.35 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion: 77 Resp: 82454
 Ion Ratio Lower Upper
 77 100
 123 35.2 32.6 49.0
 65 15.6 10.9 16.3

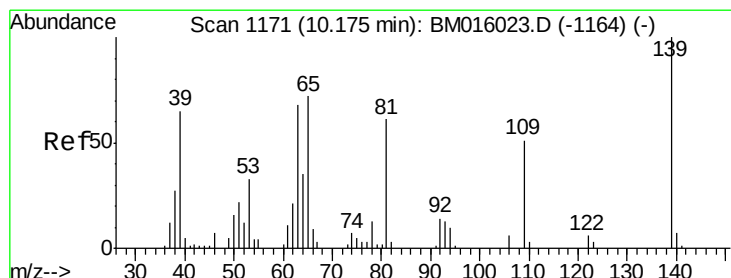
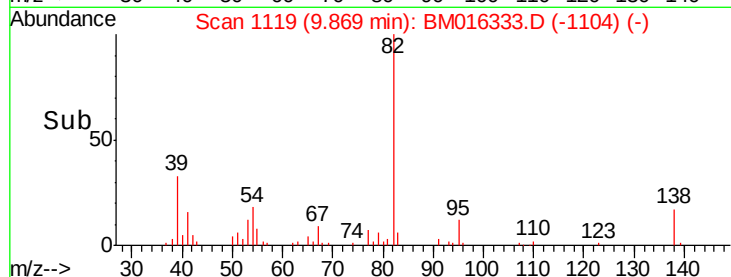
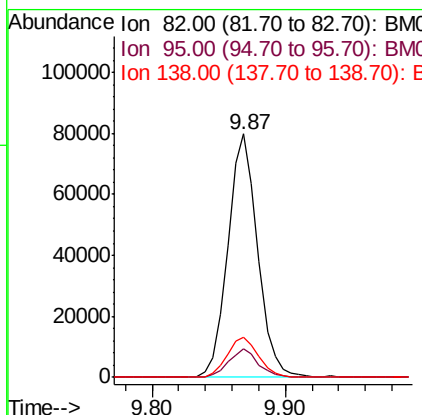
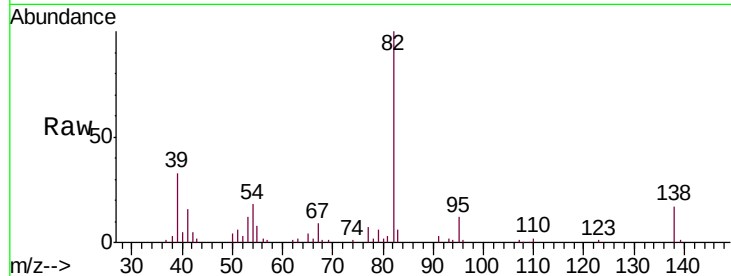




#25
Isophorone
Concen: 47.258 ng
RT: 9.87 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM016333.D
Acq: 13 Aug 2018 19:49

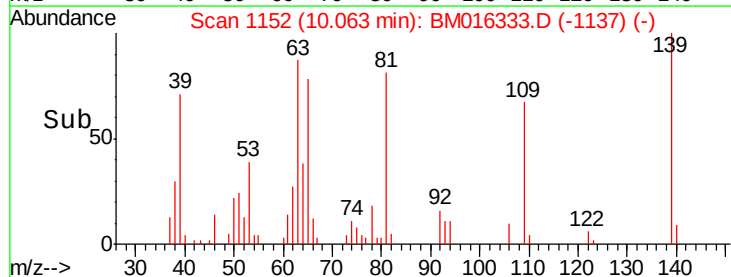
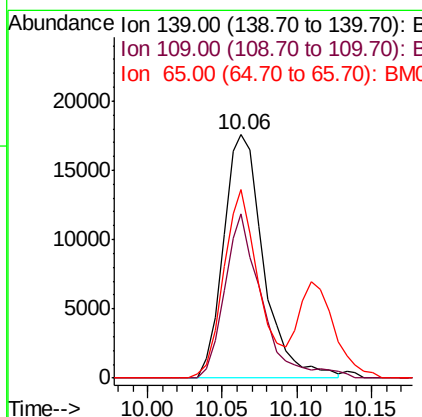
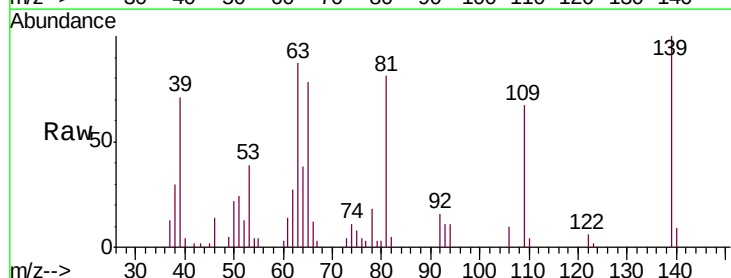
Instrument :
BNA_M
ClientSampleId :
PB111978BS

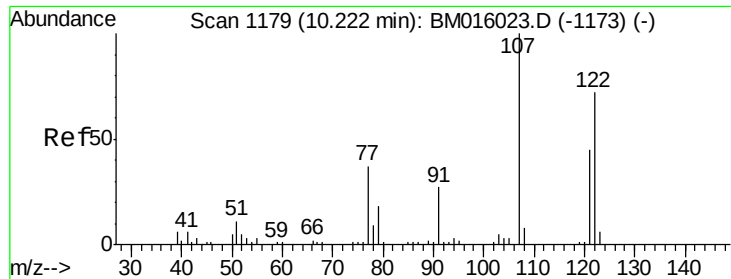
Tgt Ion: 82 Resp: 124006
Ion Ratio Lower Upper
82 100
95 11.6 5.8 8.6#
138 16.7 16.3 24.5



#26
2-Nitrophenol
Concen: 40.830 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BM016333.D
Acq: 13 Aug 2018 19:49

Tgt Ion: 139 Resp: 32912
Ion Ratio Lower Upper
139 100
109 67.4 20.1 30.1#
65 77.5 31.5 47.3#

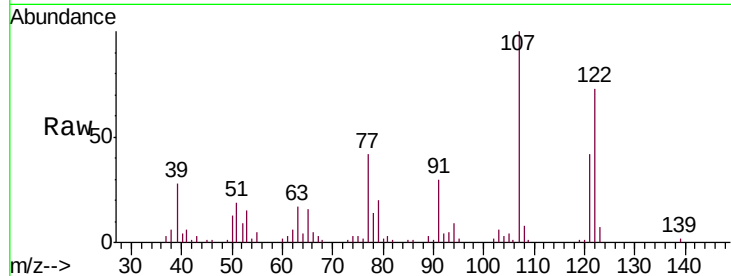




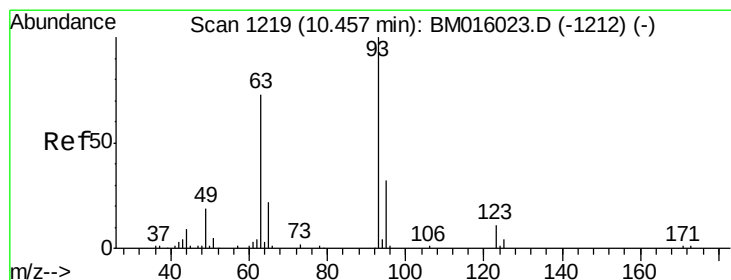
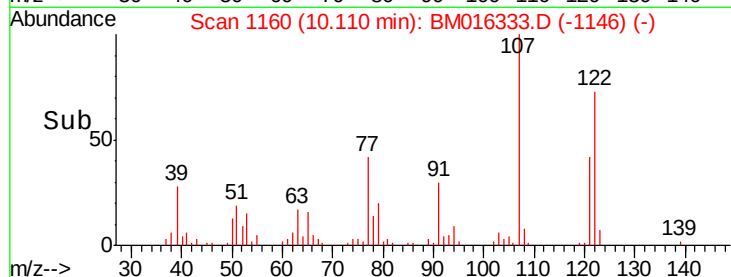
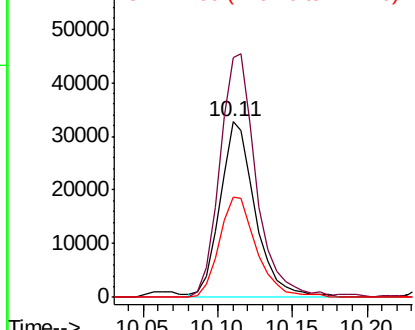
#27
 2,4-Dimethylphenol
 Concen: 48.166 ng
 RT: 10.11 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

Tgt Ion: 122 Resp: 54091
 Ion Ratio Lower Upper
 122 100
 107 137.0 84.7 127.1#
 121 57.4 46.6 69.8

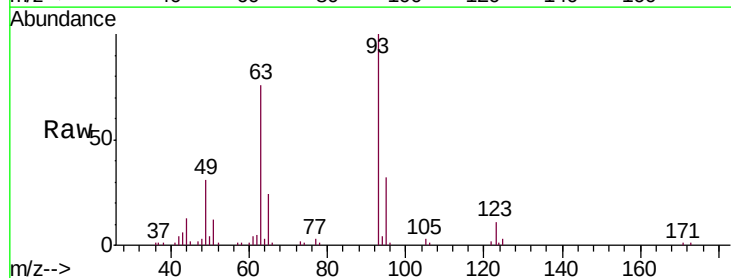


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

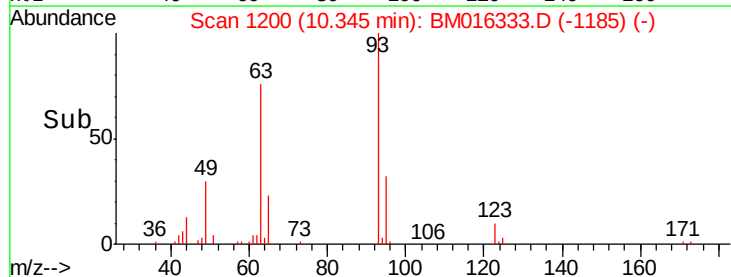
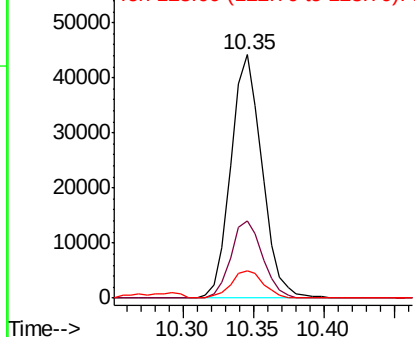


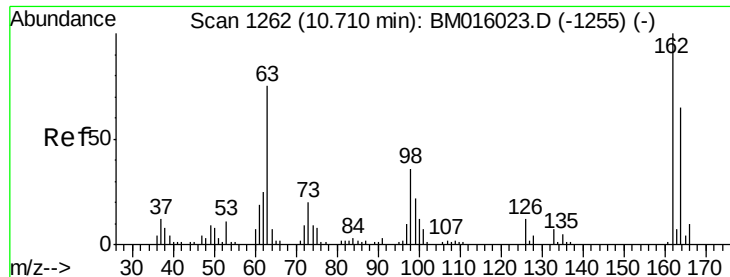
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.911 ng
 RT: 10.35 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion: 93 Resp: 68068
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.5 38.3
 123 11.2 8.6 13.0



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

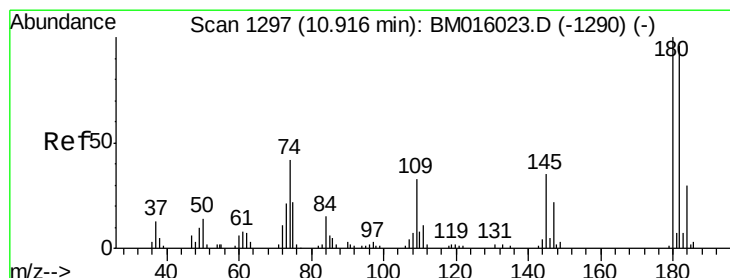
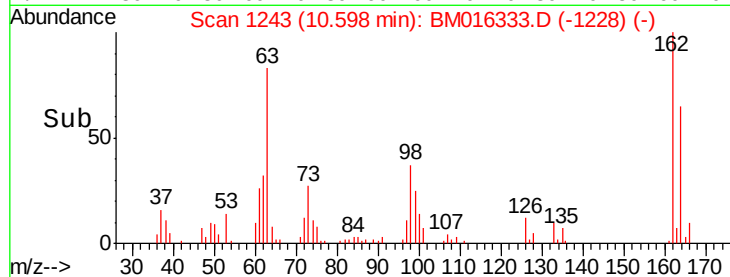
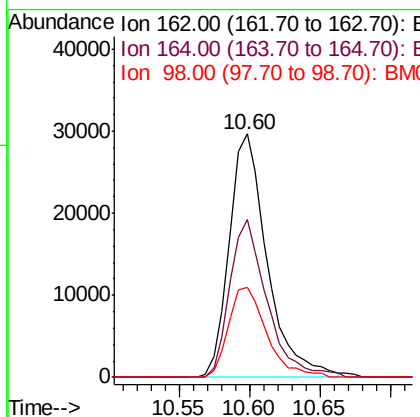
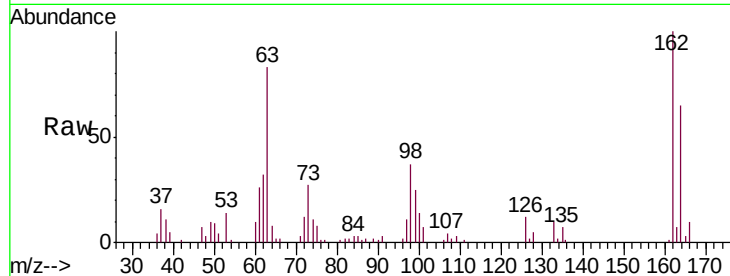




#29
 2,4-Dichlorophenol
 Concen: 41.629 ng
 RT: 10.60 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

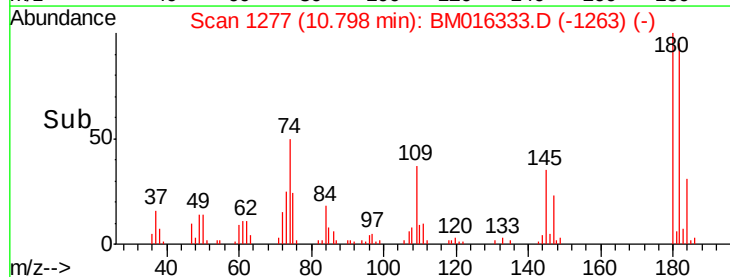
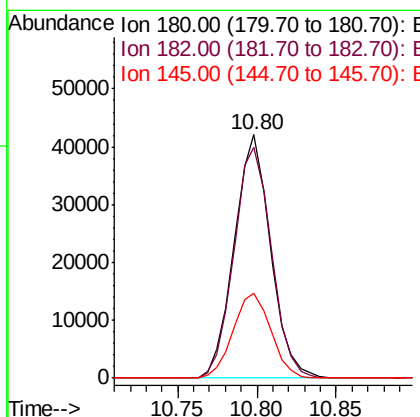
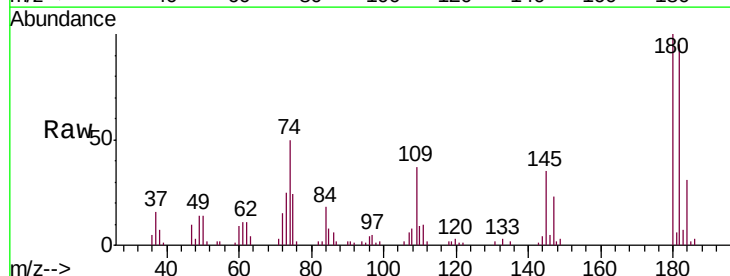
Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

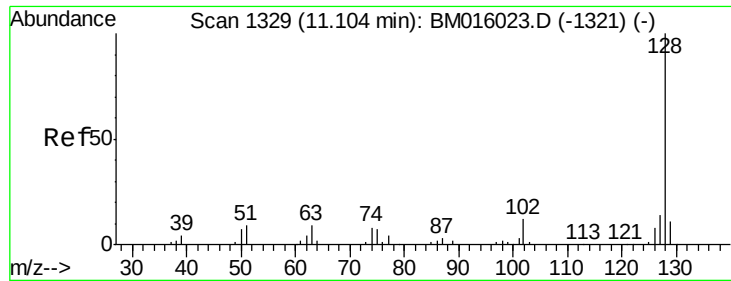
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	55553		
164	65.1	42.8	82.8	
98	37.2	14.5	54.5	



#30
 1,2,4-Trichlorobenzene
 Concen: 41.220 ng
 RT: 10.80 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	66834		
182	94.9	77.6	116.4	
145	34.9	23.4	35.2	

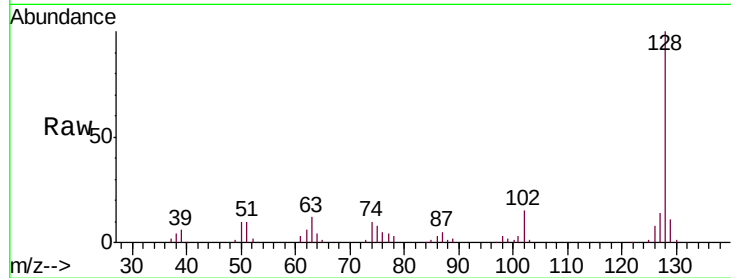




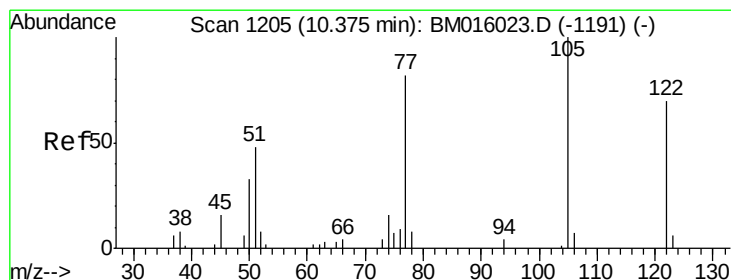
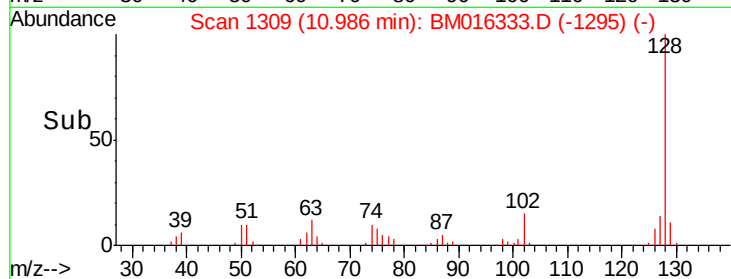
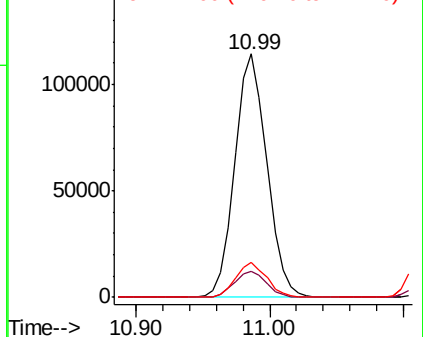
#31
Naphthalene
Concen: 42.240 ng
RT: 10.99 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BM016333.D
Acq: 13 Aug 2018 19:49

Instrument :
BNA_M
ClientSampleId :
PB111978BS

Tgt Ion:128 Resp: 190748
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 14.4 10.4 15.6

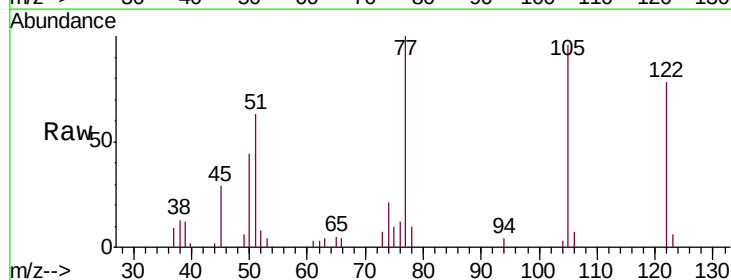


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

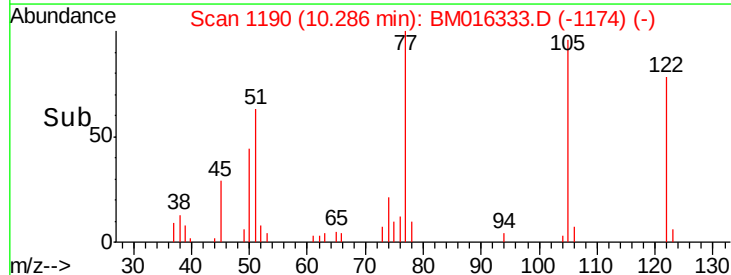
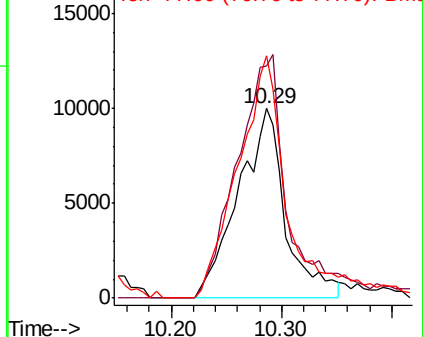


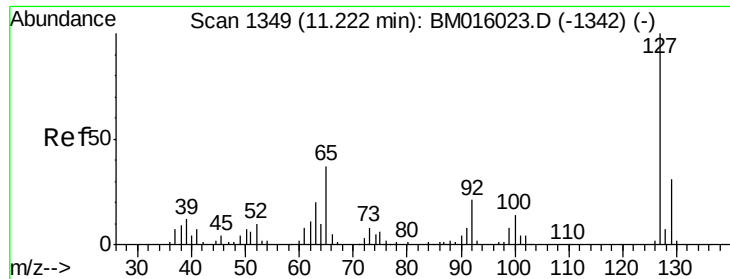
#32
Benzoic acid
Concen: 34.900 ng
RT: 10.29 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BM016333.D
Acq: 13 Aug 2018 19:49

Tgt Ion:122 Resp: 29877
Ion Ratio Lower Upper
122 100
105 122.2 99.9 139.9
77 127.7 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

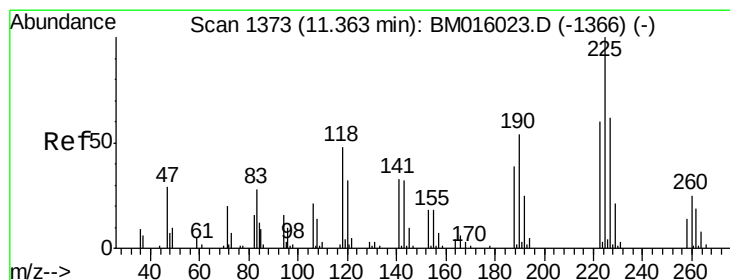
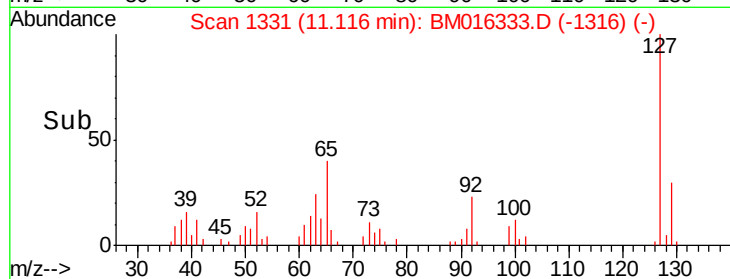
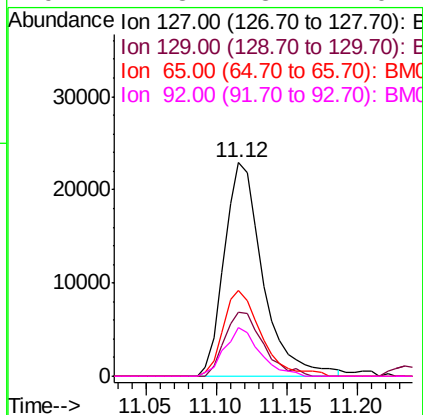
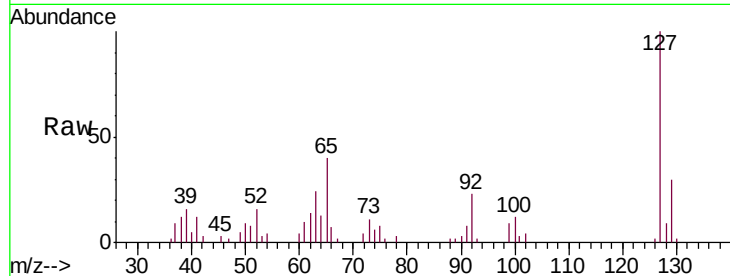




#33
4-Chloroaniline
Concen: 23.668 ng
RT: 11.12 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BM016333.D
Acq: 13 Aug 2018 19:49

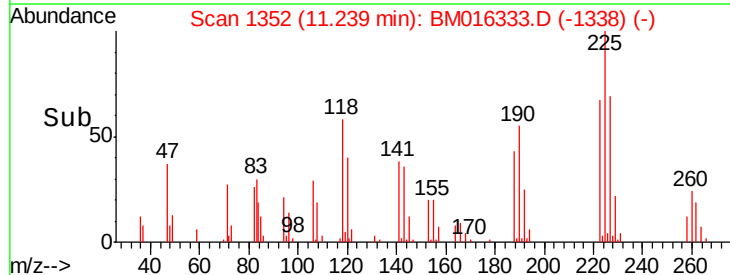
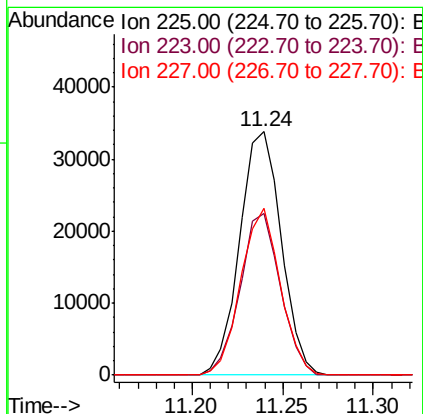
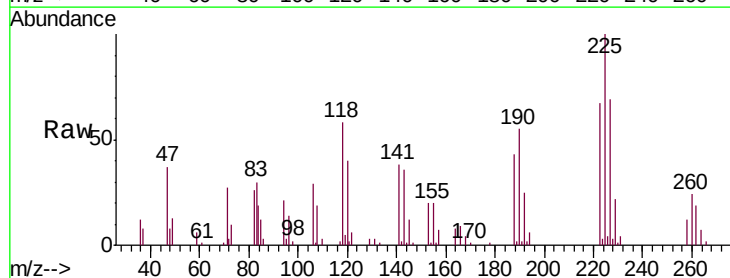
Instrument :
BNA_M
ClientSampleId :
PB111978BS

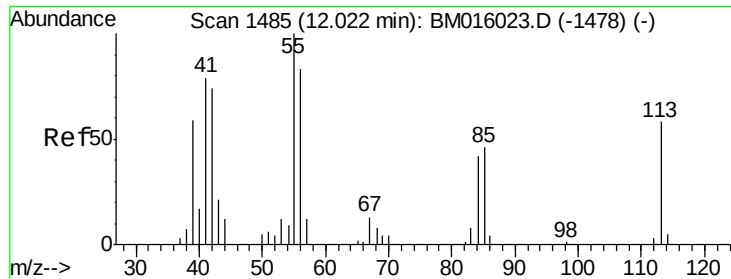
Tgt Ion:	127	Resp:	43615
Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.3	37.9
65	40.4	17.6	26.4#
92	22.8	13.1	19.7#



#34
Hexachlorobutadiene
Concen: 47.989 ng
RT: 11.24 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM016333.D
Acq: 13 Aug 2018 19:49

Tgt Ion:	225	Resp:	53973
Ion	Ratio	Lower	Upper
225	100		
223	66.7	47.9	71.9
227	68.6	50.1	75.1





#35

Caprolactam

Concen: 35.378 ng

RT: 11.93 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

BNA_M

ClientSampleId :

PB111978BS

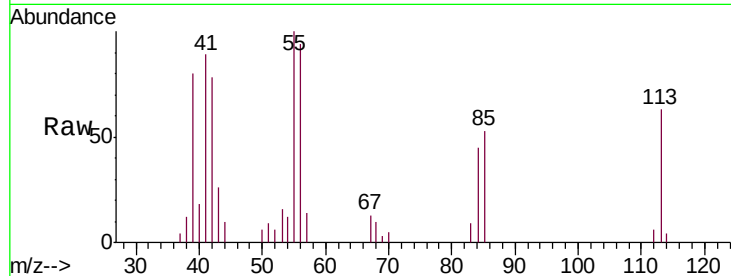
Tgt Ion:113 Resp: 13076

Ion Ratio Lower Upper

113 100

55 159.2 145.9 185.9

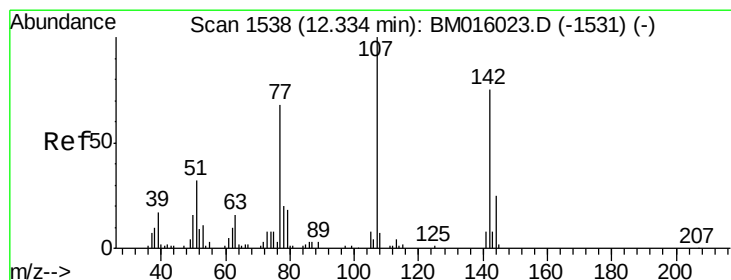
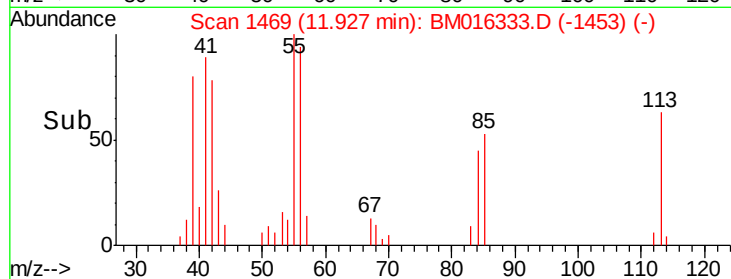
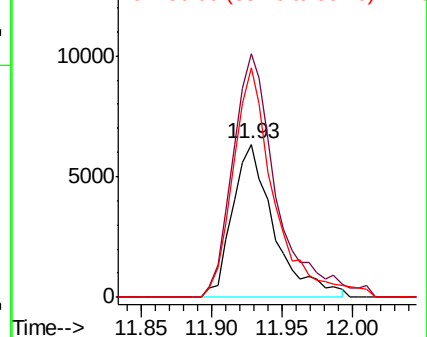
56 150.4 101.0 141.0#



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: 40.211 ng

RT: 12.23 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

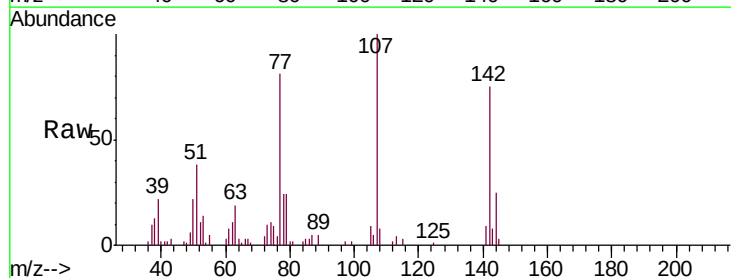
Tgt Ion:107 Resp: 59021

Ion Ratio Lower Upper

107 100

144 25.0 23.3 34.9

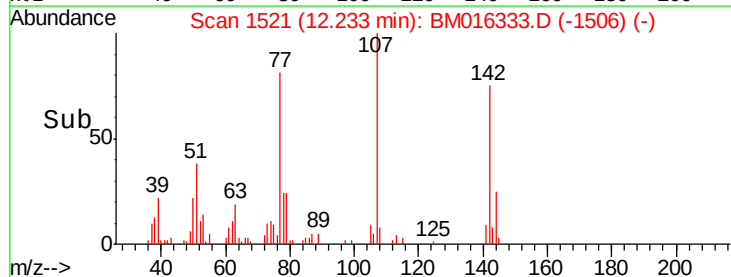
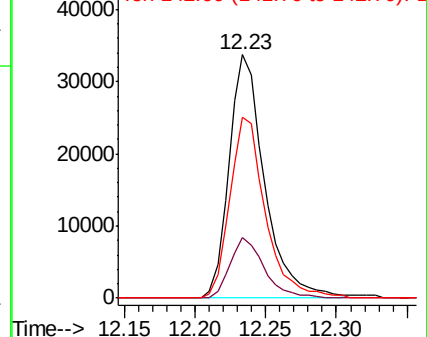
142 74.5 72.6 109.0

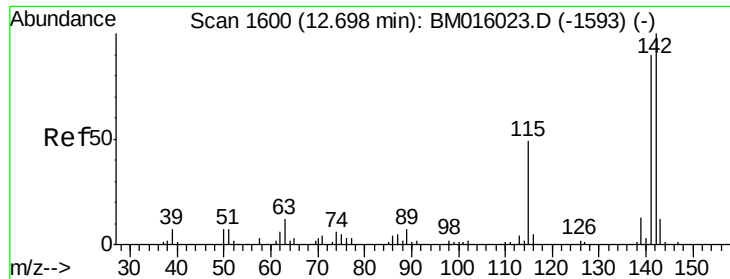


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

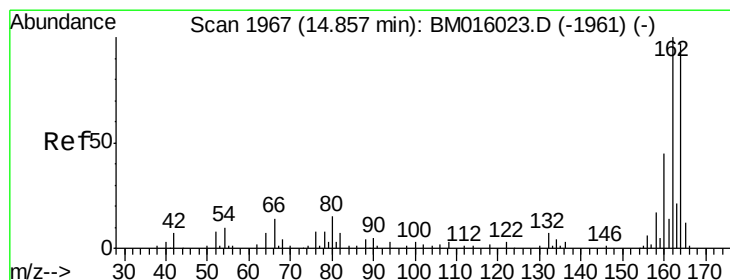
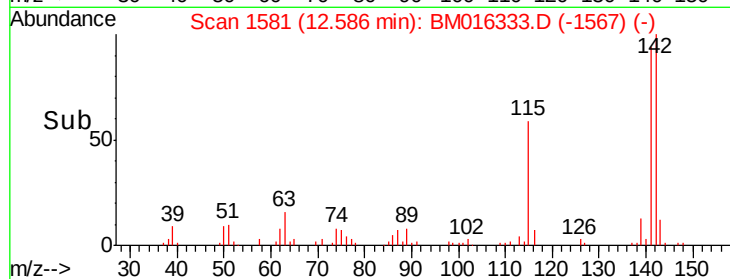
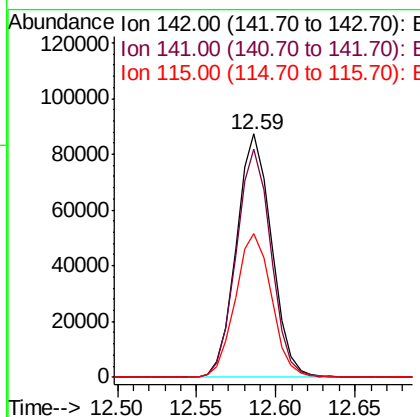
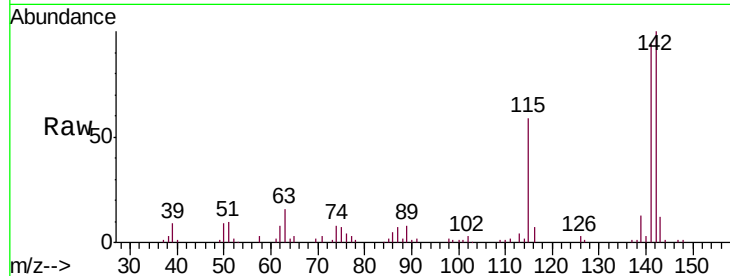




#37
 2-Methylnaphthalene
 Concen: 44.498 ng
 RT: 12.59 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

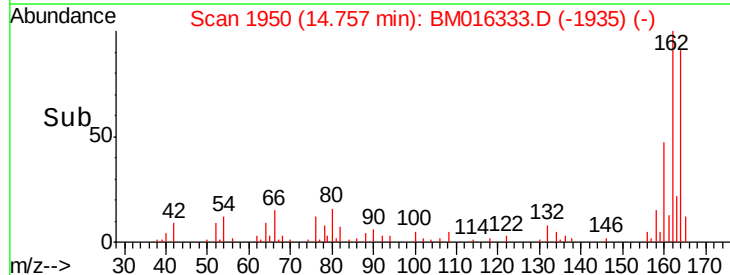
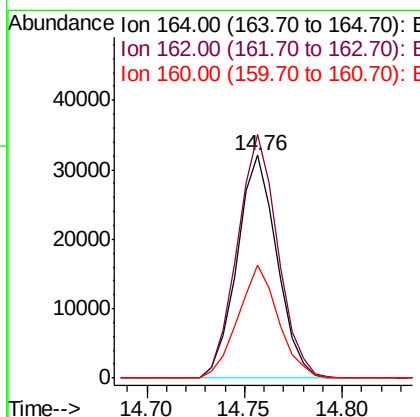
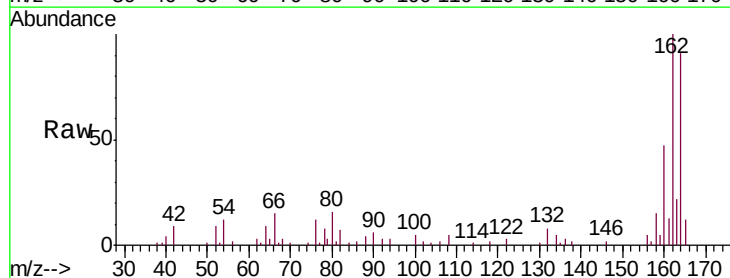
Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

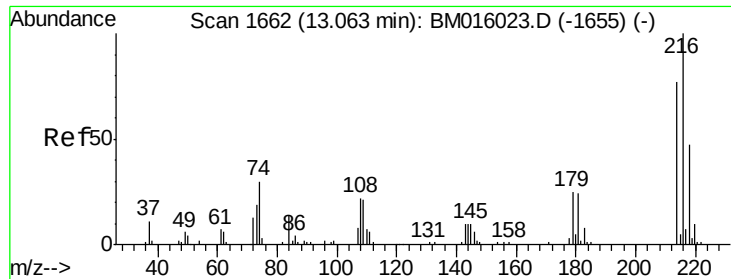
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	71.9	107.9
115	59.3	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.3	82.4	123.6
160	51.0	35.8	53.6

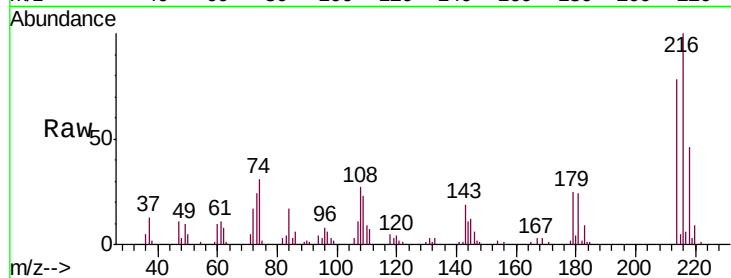




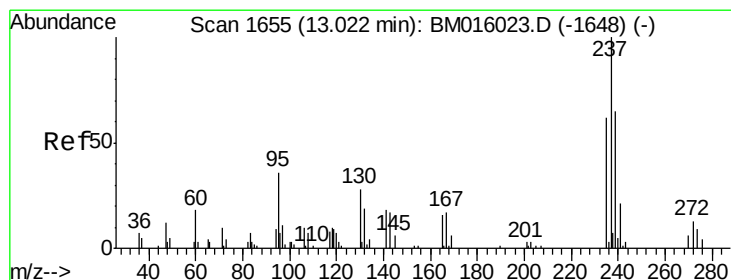
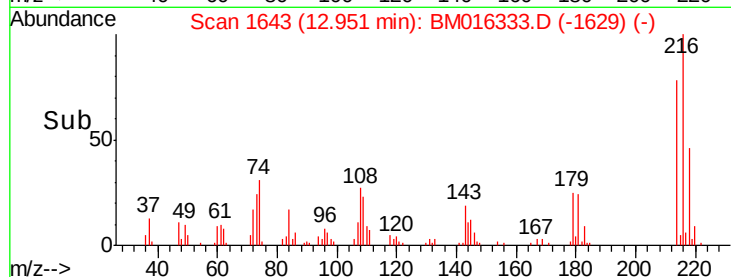
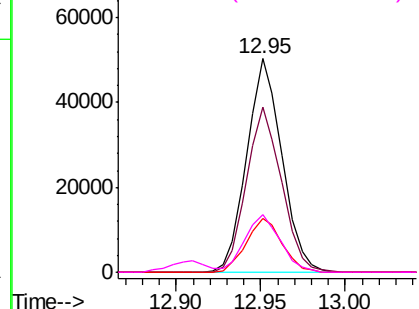
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.441 ng
 RT: 12.95 min Scan# 1643
 Delta R.T. -0.02 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

Tgt Ion:	216	Resp:	73237
Ion	Ratio	Lower	Upper
216	100		
214	76.7	0.0	0.0#
179	25.5	0.0	0.0#
108	27.5	0.0	0.0#

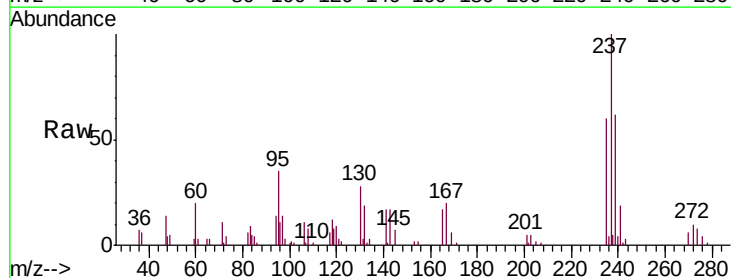


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

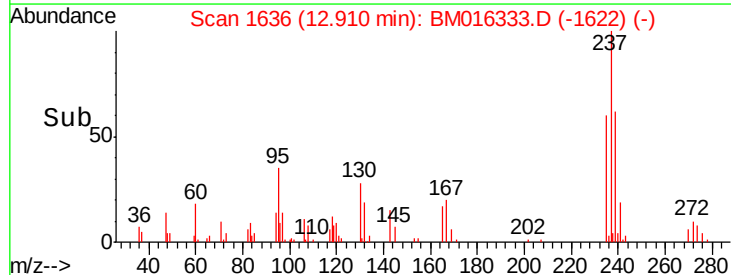
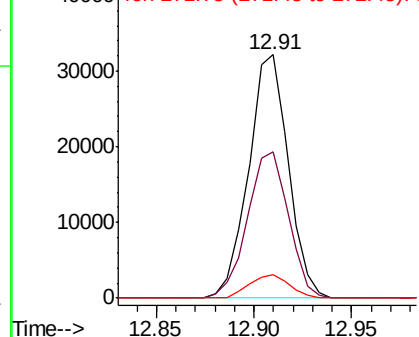


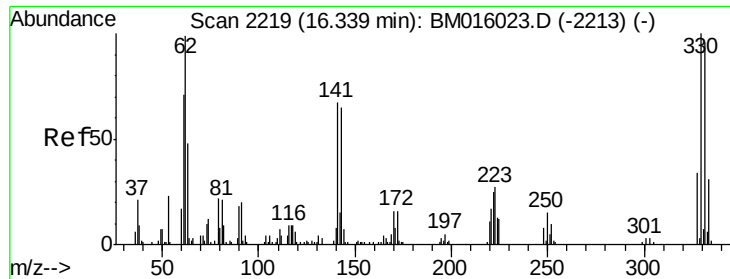
#40
 Hexachlorocyclopentadiene
 Concen: 61.794 ng
 RT: 12.91 min Scan# 1636
 Delta R.T. -0.02 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion:	237	Resp:	45362
Ion	Ratio	Lower	Upper
237	100		
235	60.4	42.0	82.0
272	9.8	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

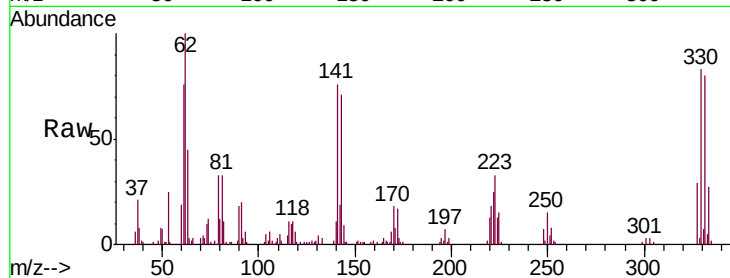




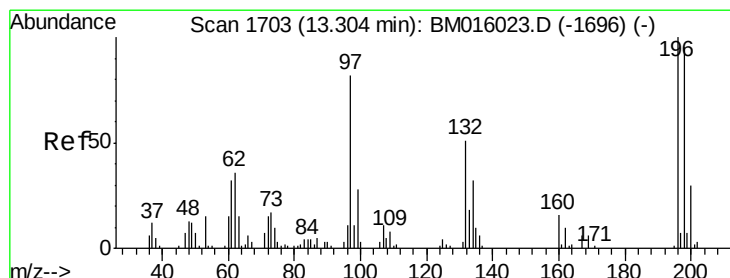
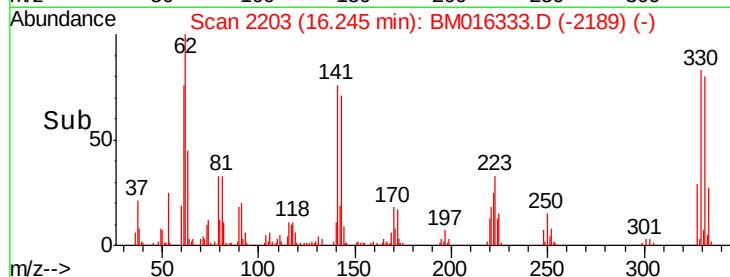
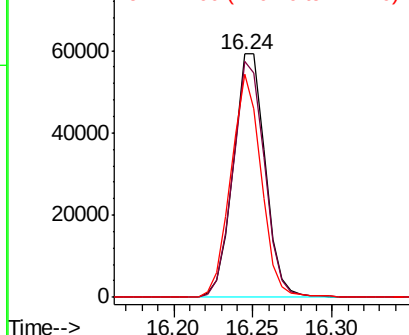
#41
 2,4,6-Tribromophenol
 Concen: 61.794 ng
 RT: 16.24 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

Tgt Ion:330 Resp: 82720
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 87.3 0.0 0.0#

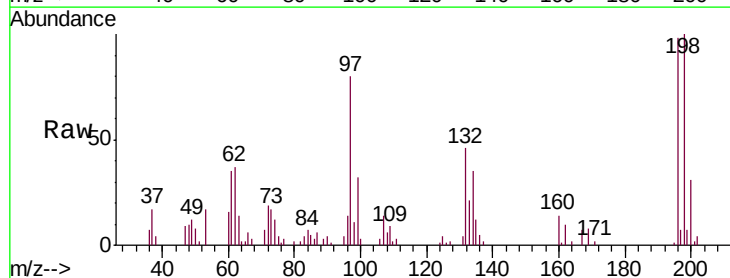


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

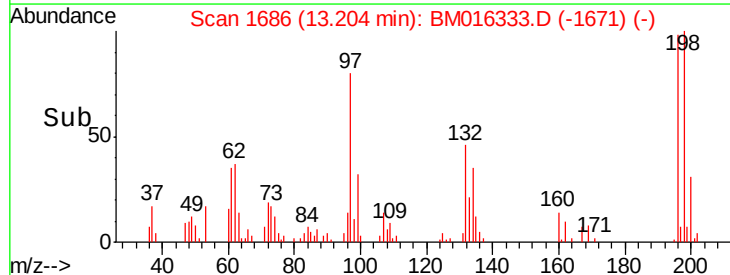
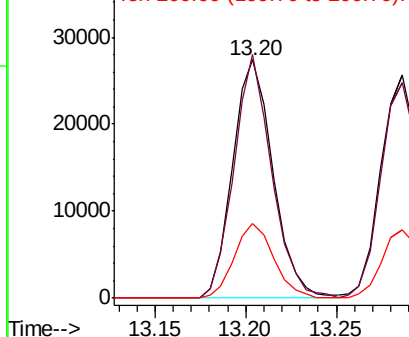


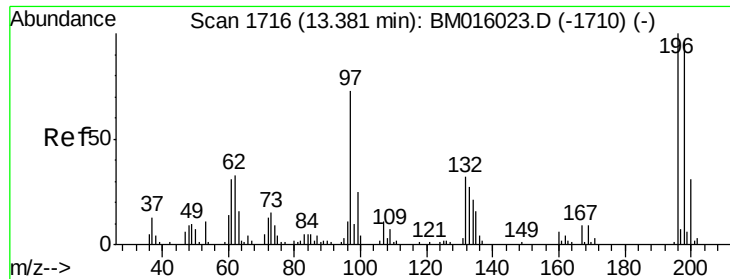
#42
 2,4,6-Trichlorophenol
 Concen: 43.861 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion:196 Resp: 42364
 Ion Ratio Lower Upper
 196 100
 198 102.2 76.3 114.5
 200 31.3 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

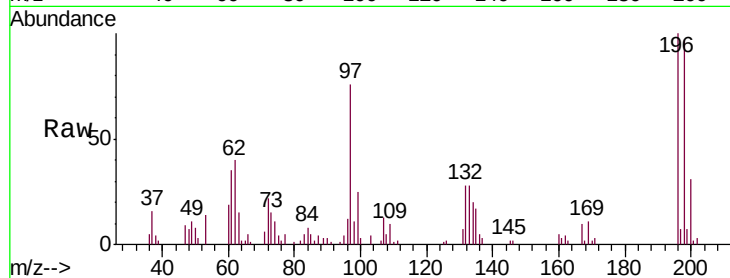




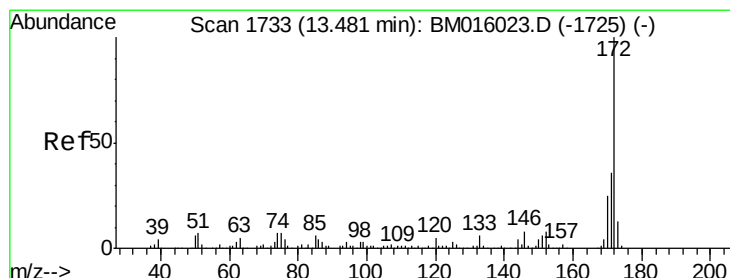
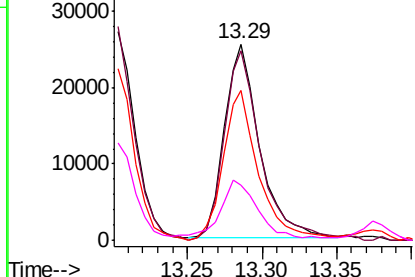
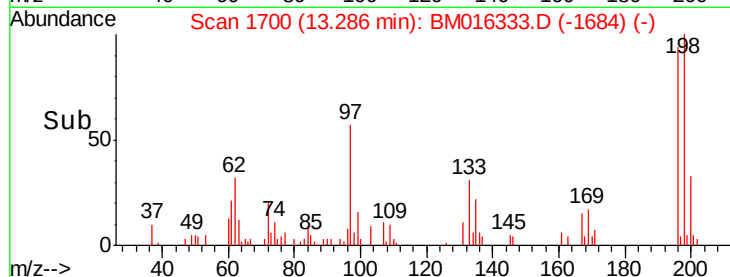
#43
 2,4,5-Trichlorophenol
 Concen: 42.068 ng
 RT: 13.29 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

Tgt Ion:196 Resp: 41911
 Ion Ratio Lower Upper
 196 100
 198 96.6 79.4 119.0
 97 76.1 26.8 40.2#
 132 28.0 18.6 28.0#

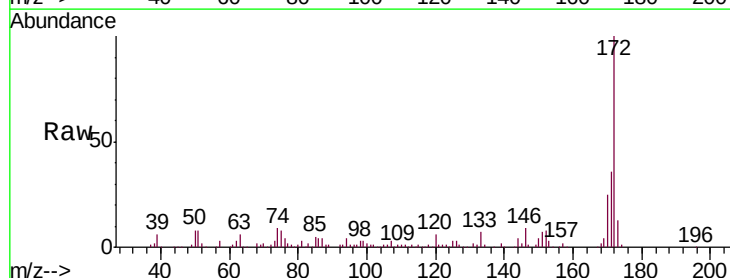


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

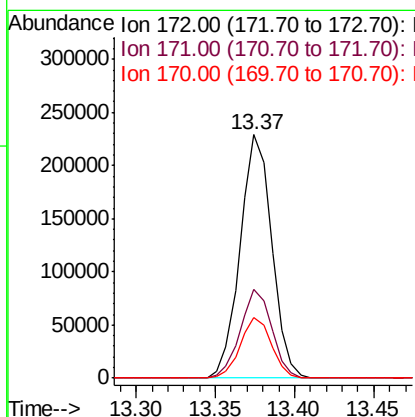
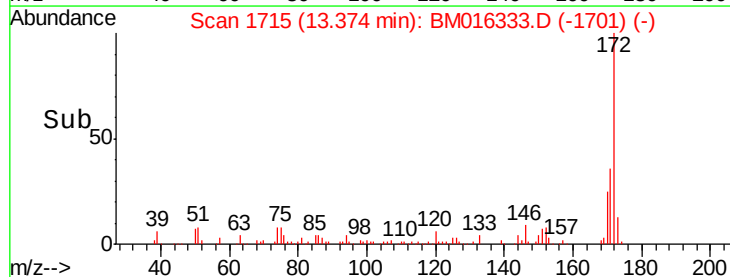


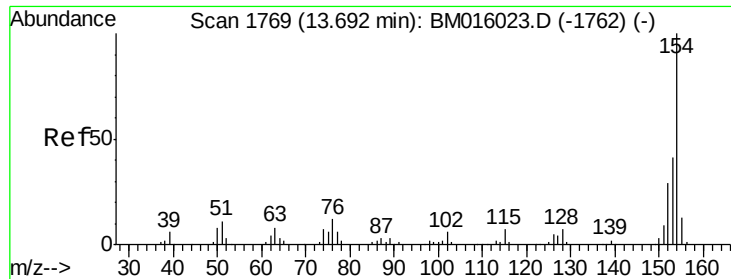
#44
 2-Fluorobiphenyl
 Concen: 42.068 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion:172 Resp: 317781
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.5 42.7
 170 24.9 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

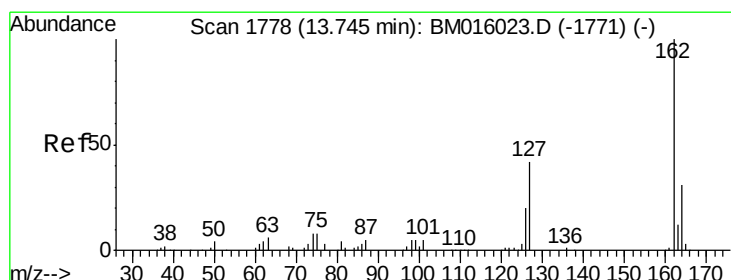
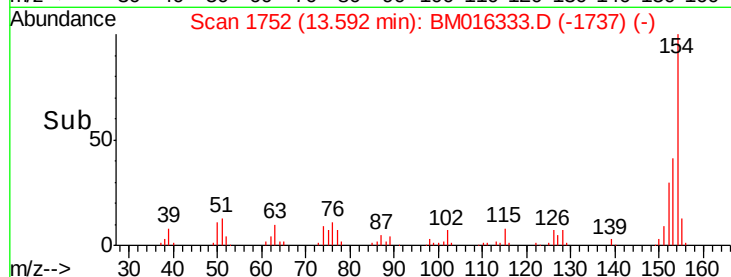
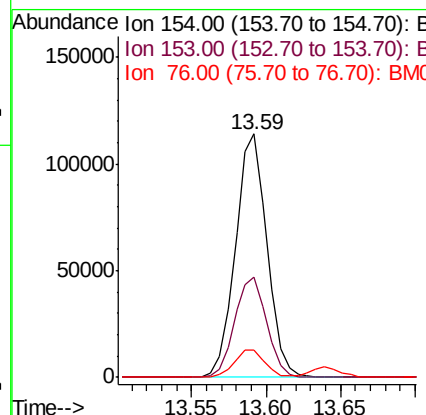
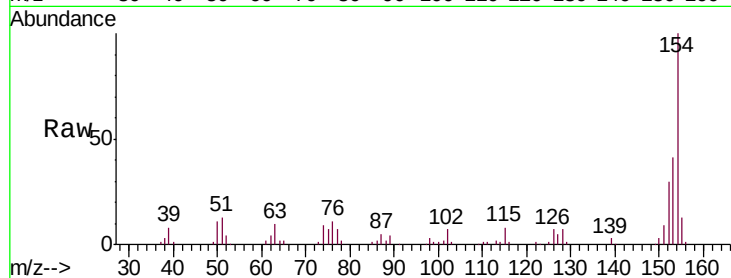




#45
 1,1'-Biphenyl
 Concen: 41.001 ng
 RT: 13.59 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

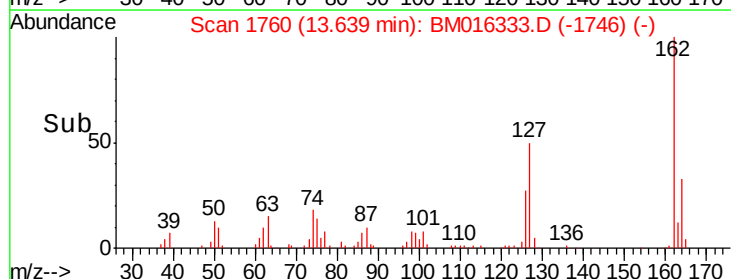
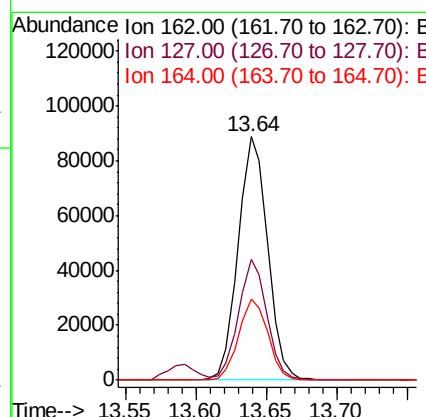
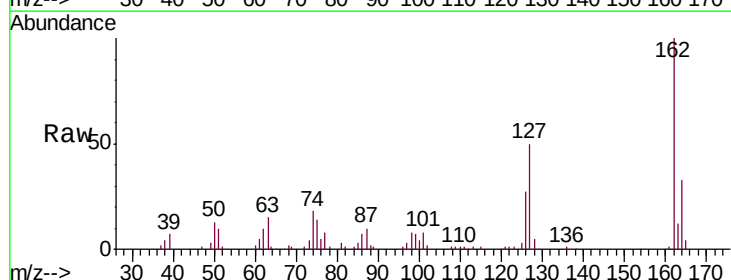
Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

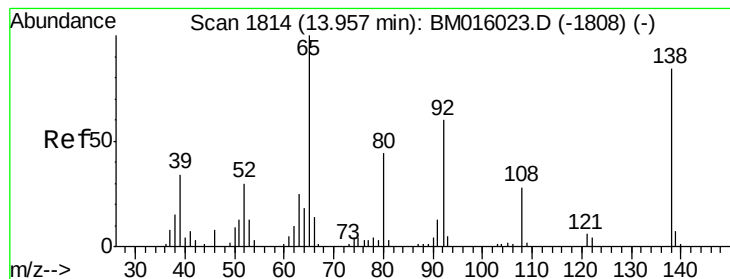
Tgt Ion:	154	Resp:	167786
Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.7	60.7
76	11.1	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 40.629 ng
 RT: 13.64 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion:	162	Resp:	129318
Ion	Ratio	Lower	Upper
162	100		
127	49.5	26.9	40.3#
164	33.3	26.8	40.2





#47

2-Nitroaniline

Concen: 40.747 ng

RT: 13.86 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

BNA_M

ClientSampleId :

PB111978BS

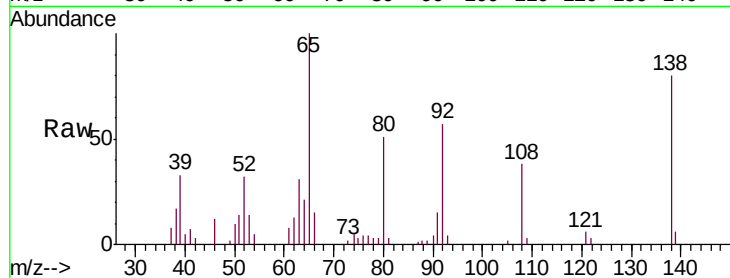
Tgt Ion: 65 Resp: 42878

Ion Ratio Lower Upper

65 100

92 56.8 59.1 88.7#

138 80.3 93.9 140.9#

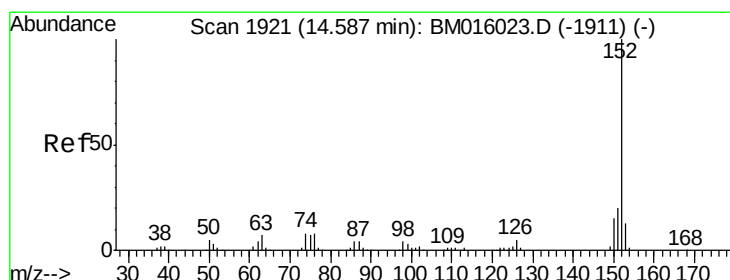
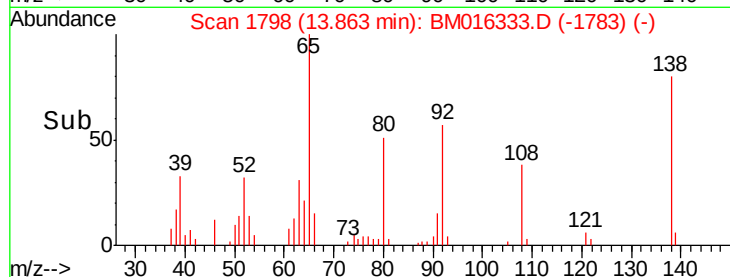
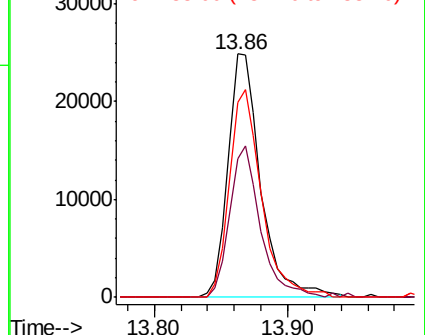


Abundance

Ion 65.00 (64.70 to 65.70): BM016333.D (-1783) (-)

Ion 92.00 (91.70 to 92.70): BM016333.D (-1783) (-)

Ion 138.00 (137.70 to 138.70): BM016333.D (-1783) (-)



#48

Acenaphthylene

Concen: 44.156 ng

RT: 14.48 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

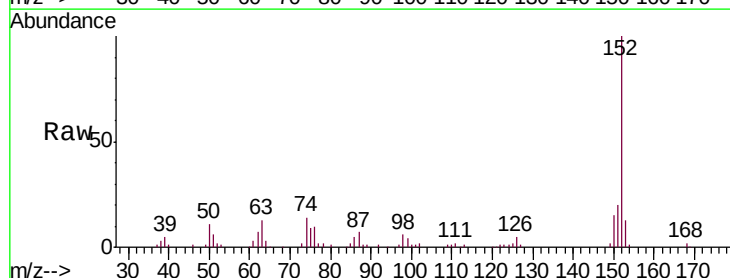
Tgt Ion: 152 Resp: 205747

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

153 13.3 10.6 16.0

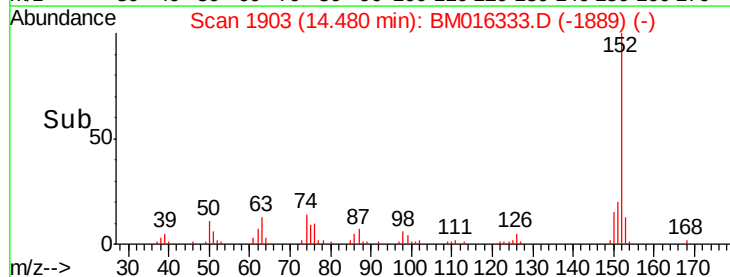
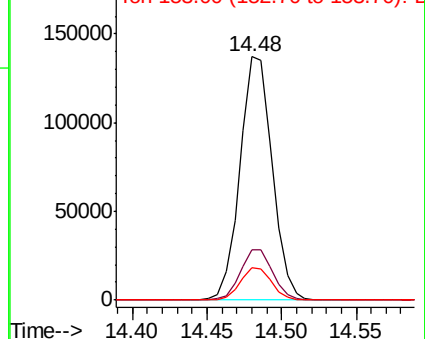


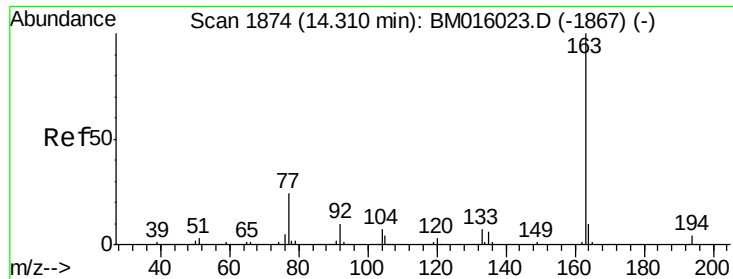
Abundance

Ion 152.00 (151.70 to 152.70): BM016333.D (-1889) (-)

Ion 151.00 (150.70 to 151.70): BM016333.D (-1889) (-)

Ion 153.00 (152.70 to 153.70): BM016333.D (-1889) (-)





#49

Dimethylphthalate

Concen: 42.311 ng

RT: 14.22 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

BNA_M

ClientSampleId :

PB111978BS

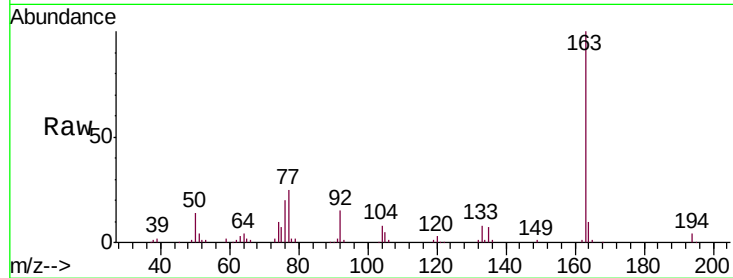
Tgt Ion:163 Resp: 167905

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1

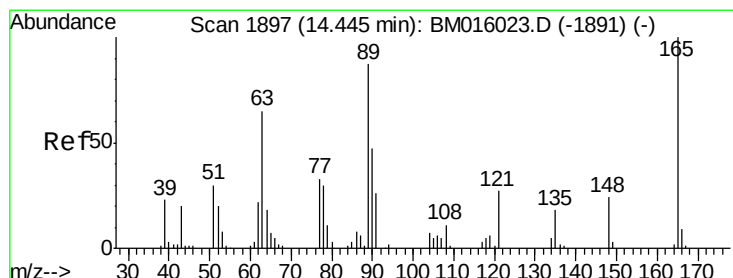
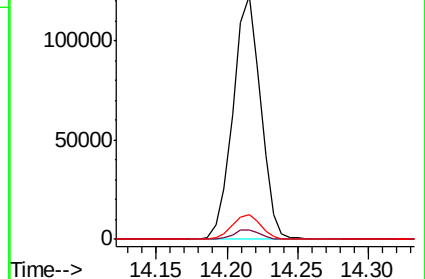
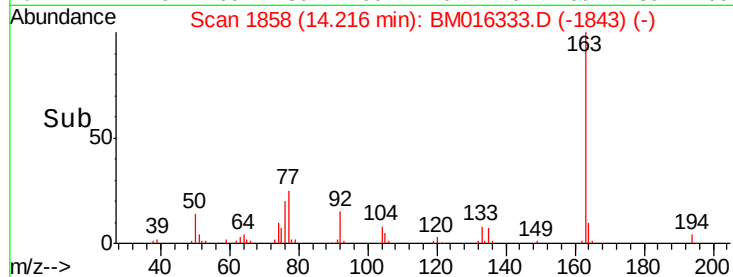
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.811 ng

RT: 14.36 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

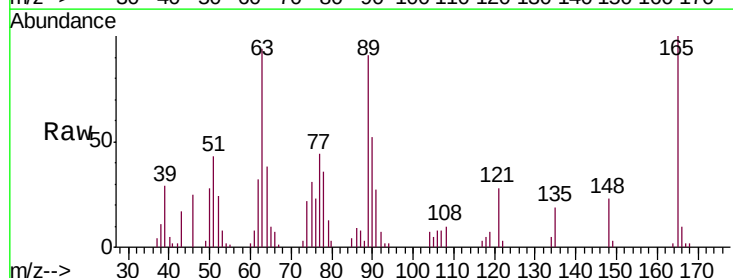
Tgt Ion:165 Resp: 31787

Ion Ratio Lower Upper

165 100

63 93.5 44.1 66.1#

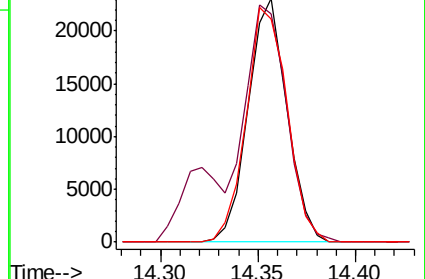
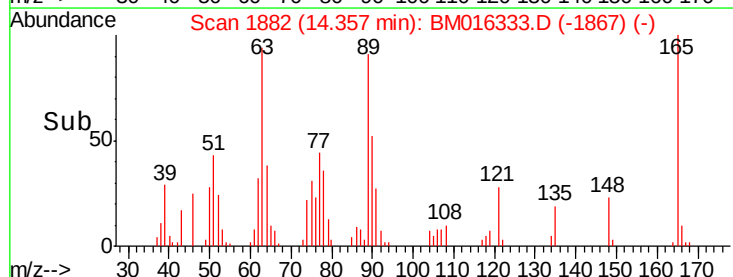
89 91.4 44.3 66.5#

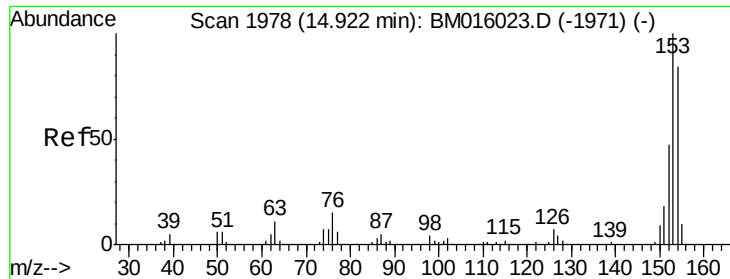


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 40.713 ng

RT: 14.82 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

BNA_M

ClientSampleId :

PB111978BS

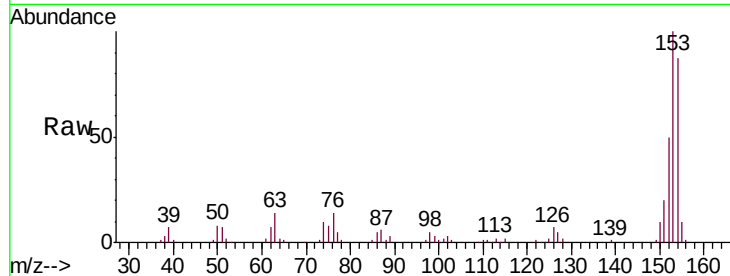
Tgt Ion:154 Resp: 116671

Ion Ratio Lower Upper

154 100

153 114.6 90.0 135.0

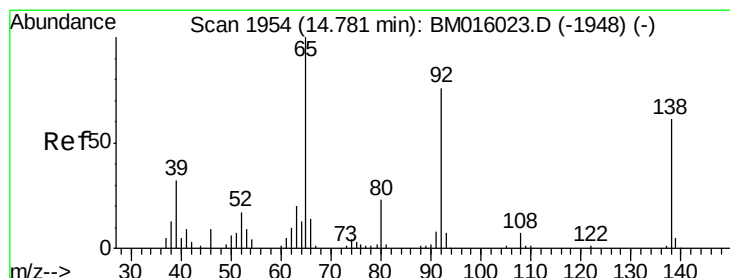
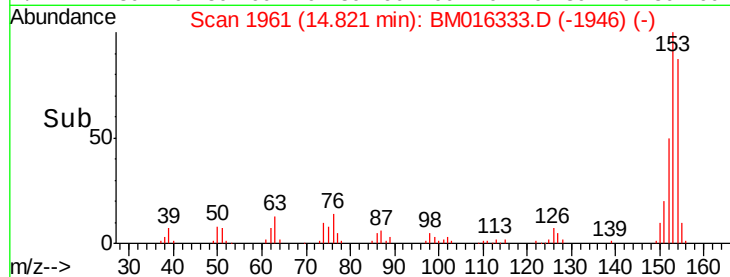
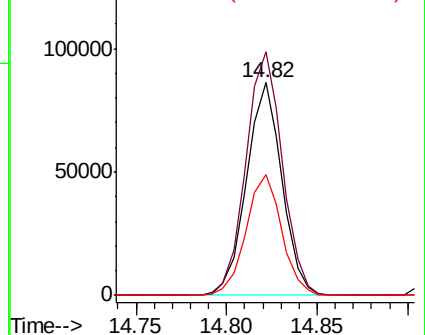
152 56.9 42.6 63.8



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: 28.603 ng

RT: 14.69 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

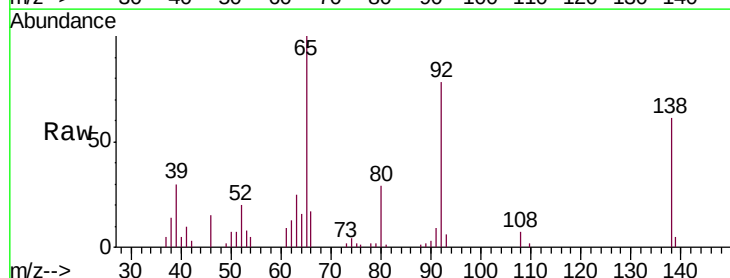
Tgt Ion:138 Resp: 24668

Ion Ratio Lower Upper

138 100

108 11.2 7.3 10.9#

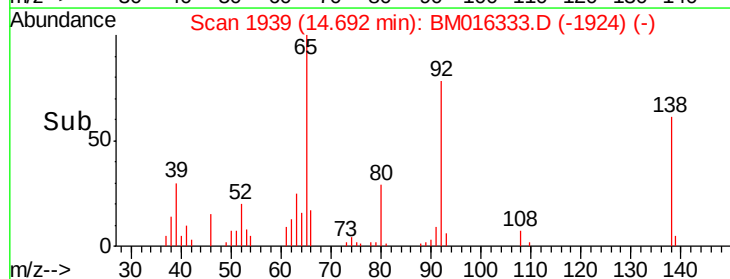
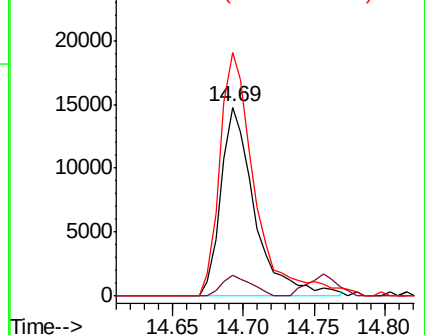
92 128.7 76.6 114.8#

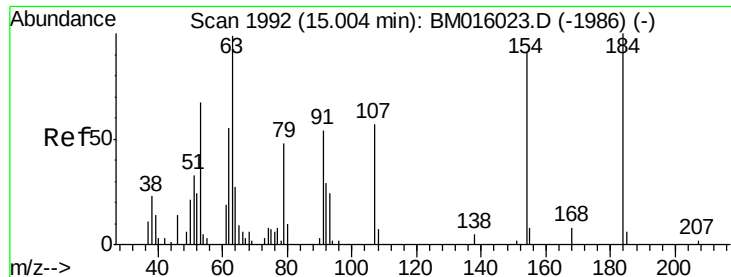


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

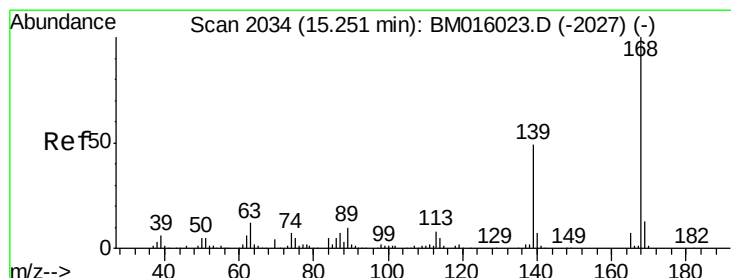
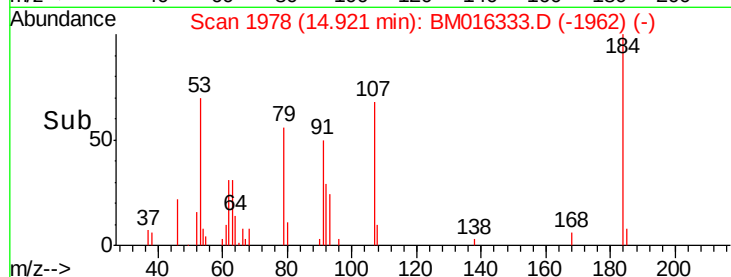
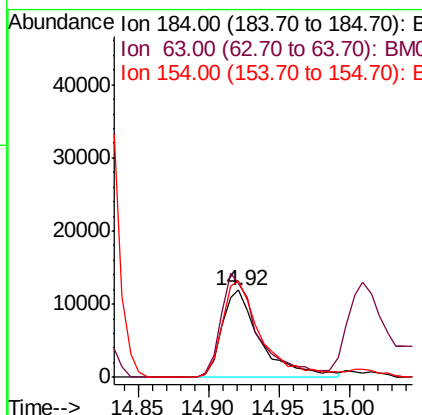
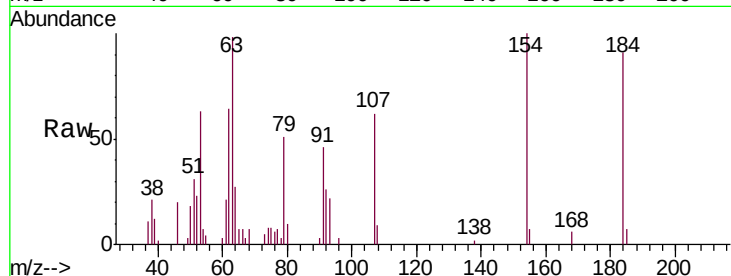




#53
 2,4-Dinitrophenol
 Concen: 67.293 ng
 RT: 14.92 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

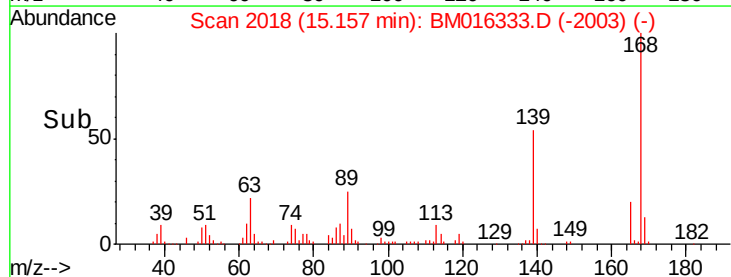
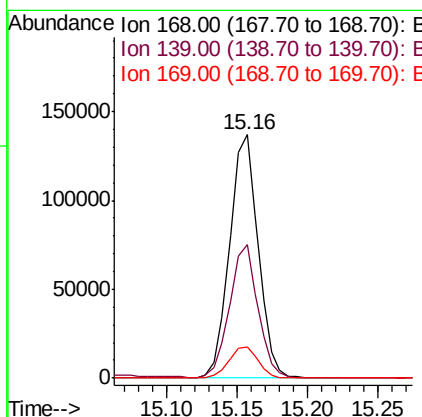
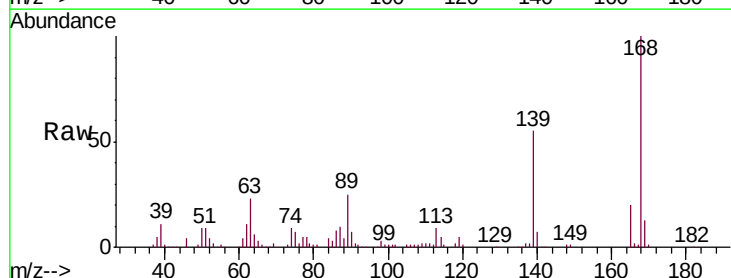
Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

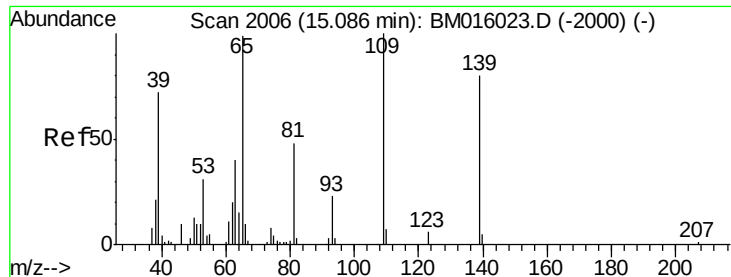
Tgt Ion:184 Resp: 22711
 Ion Ratio Lower Upper
 184 100
 63 107.6 69.2 103.8#
 154 110.2 53.3 79.9#



#54
 Dibenzofuran
 Concen: 40.886 ng
 RT: 15.16 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion:168 Resp: 193077
 Ion Ratio Lower Upper
 168 100
 139 55.0 27.3 40.9#
 169 12.8 10.6 16.0





#55

4-Nitrophenol

Concen: 62.340 ng

RT: 15.01 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

BNA_M

ClientSampleId :

PB111978BS

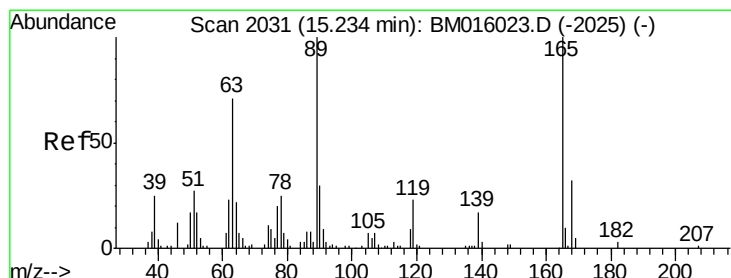
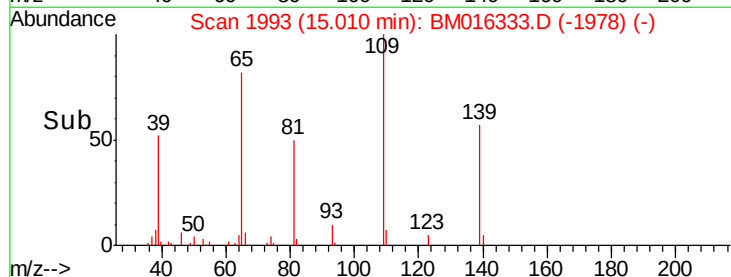
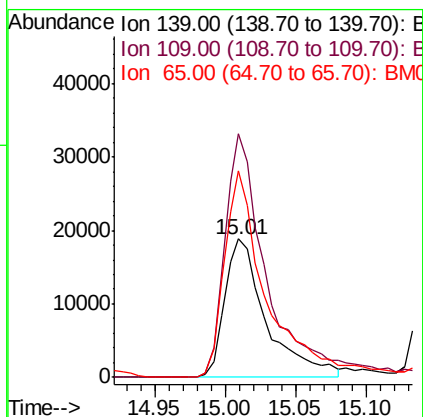
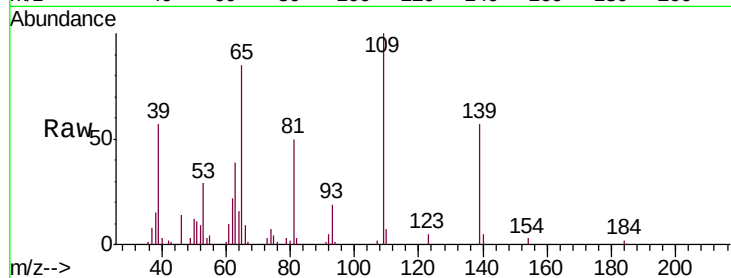
Tgt Ion:139 Resp: 38541

Ion Ratio Lower Upper

139 100

109 176.1 130.0 170.0#

65 149.6 130.0 170.0



#56

2,4-Dinitrotoluene

Concen: 40.839 ng

RT: 15.15 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Tgt Ion:165 Resp: 46625

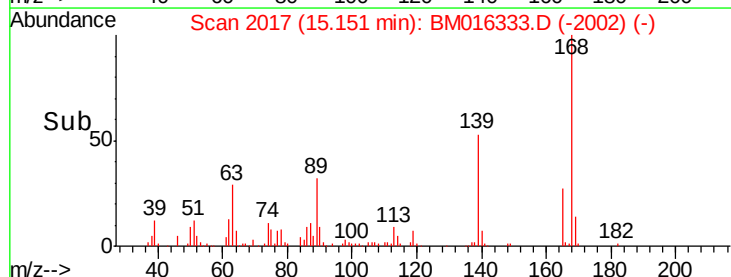
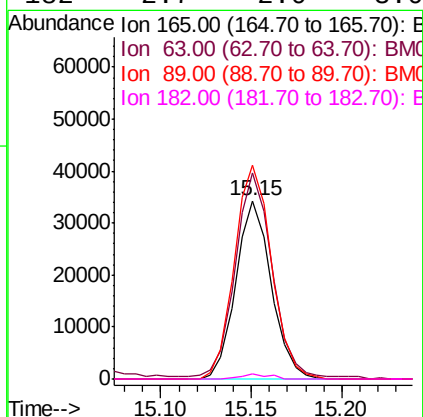
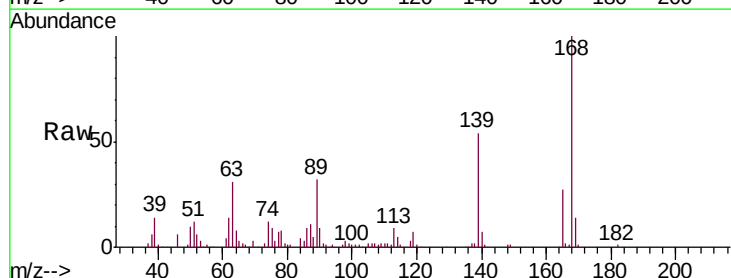
Ion Ratio Lower Upper

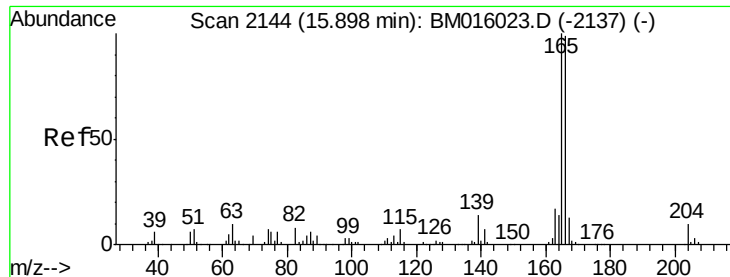
165 100

63 115.3 52.4 78.6#

89 119.8 72.4 108.6#

182 2.7 2.0 3.0

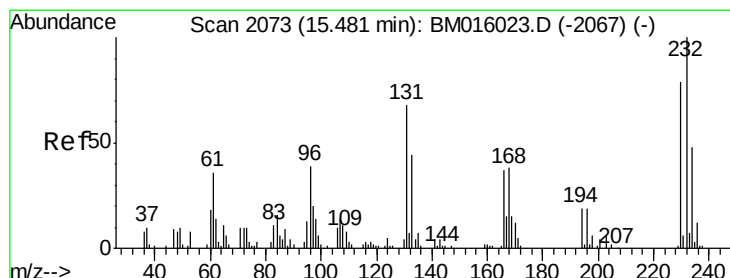
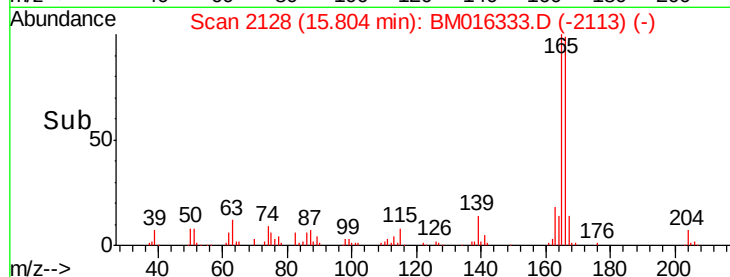
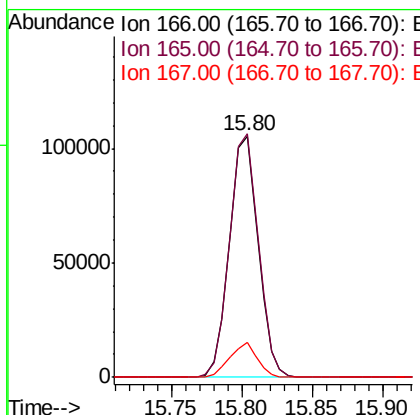
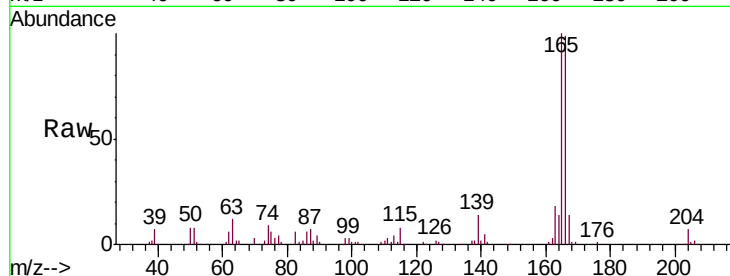




#57
 Fluorene
 Concen: 42.934 ng
 RT: 15.80 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

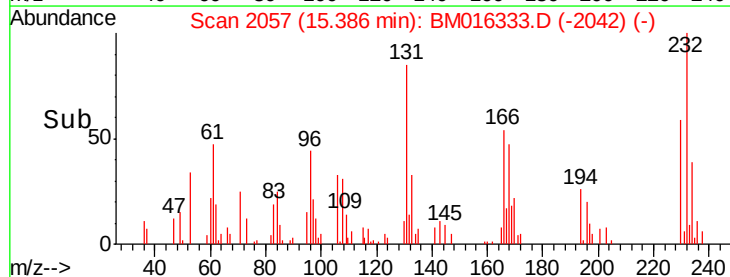
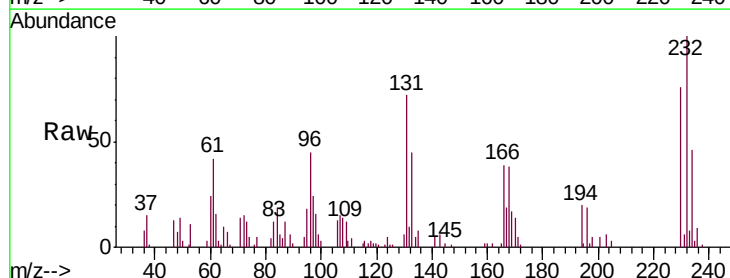
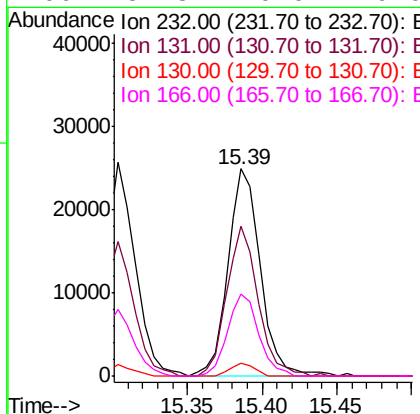
Instrument :
 BNA_M
 ClientSampleID :
 PB111978BS

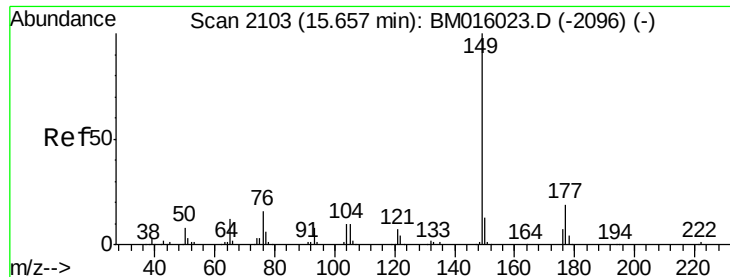
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.0	118.4
167	14.3	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.336 ng
 RT: 15.39 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion	Ratio	Lower	Upper
232	100		
131	69.7	0.0	0.0#
130	4.7	0.0	0.0#
166	37.8	0.0	0.0#

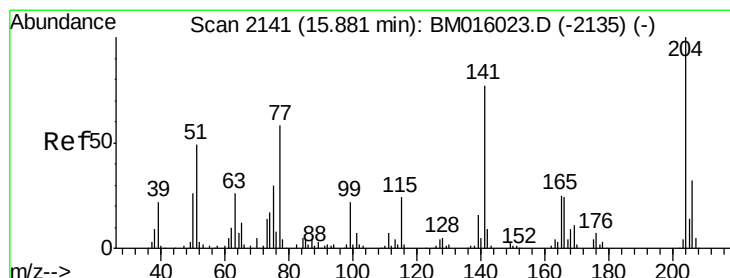
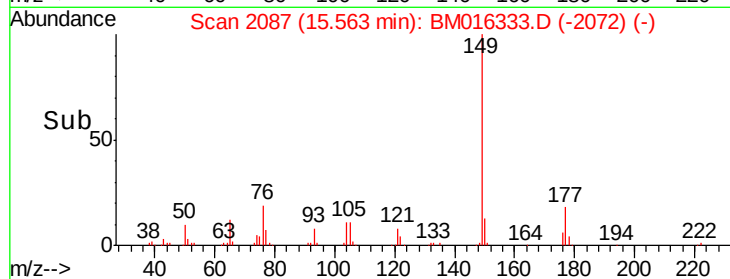
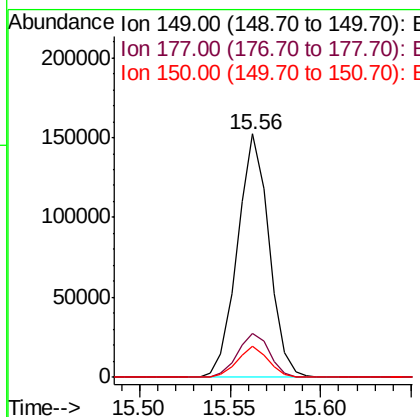
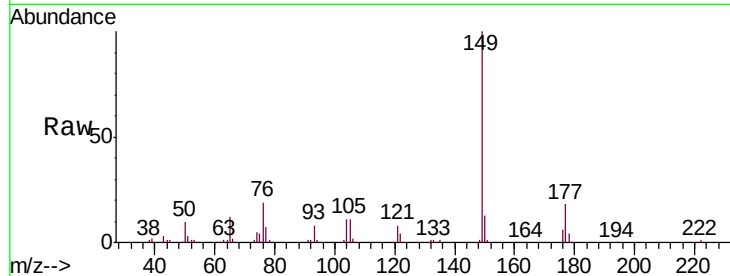




#59
 Diethylphthalate
 Concen: 43.108 ng
 RT: 15.56 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

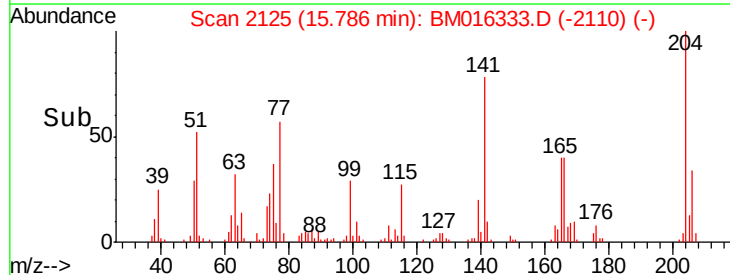
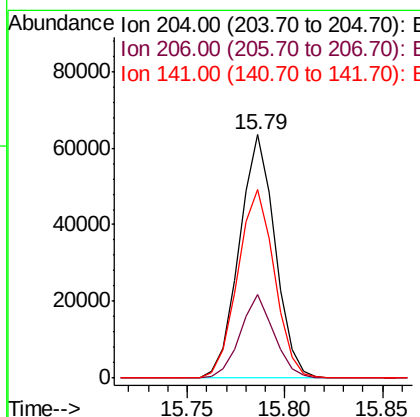
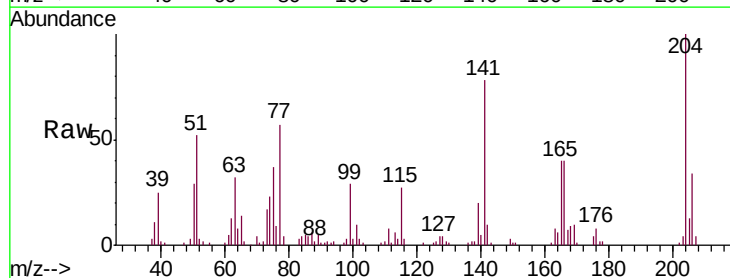
Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

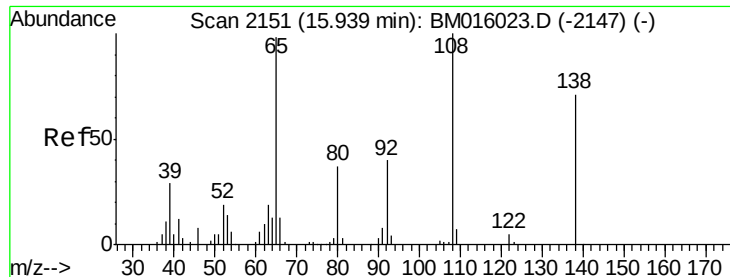
Tgt Ion:149 Resp: 184388
 Ion Ratio Lower Upper
 149 100
 177 18.3 18.3 27.5#
 150 12.7 9.8 14.8



#60
 4-Chlorophenyl-phenylether
 Concen: 41.177 ng
 RT: 15.79 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion:204 Resp: 80440
 Ion Ratio Lower Upper
 204 100
 206 34.4 26.6 39.8
 141 77.6 45.2 67.8#





#61

4-Nitroaniline

Concen: 34.992 ng

RT: 15.86 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

BNA_M

ClientSampleId :

PB111978BS

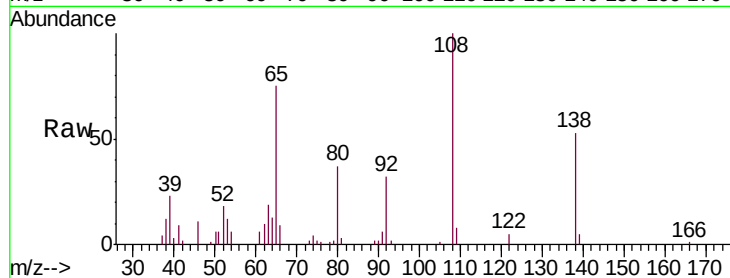
Tgt Ion:138 Resp: 28954

Ion Ratio Lower Upper

138 100

92 60.3 16.7 56.7#

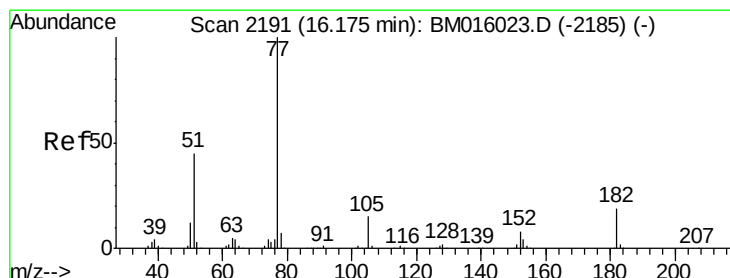
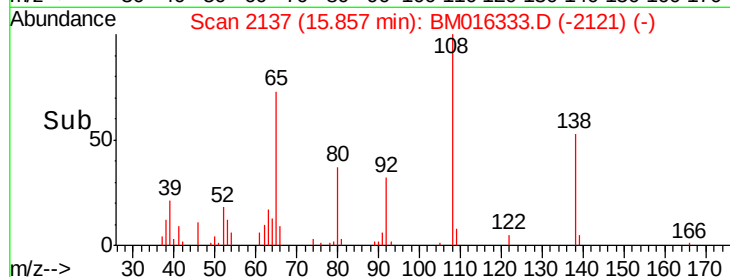
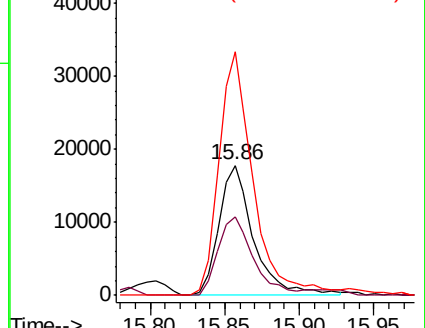
108 187.6 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.809 ng

RT: 16.08 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Tgt Ion: 77 Resp: 210859

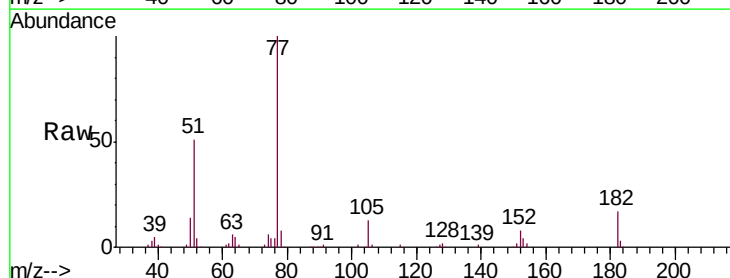
Ion Ratio Lower Upper

77 100

182 17.5 6.5 46.5

105 13.4 3.8 43.8

51 51.1 5.5 45.5#

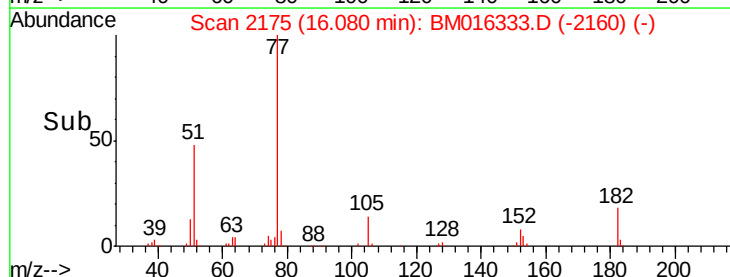
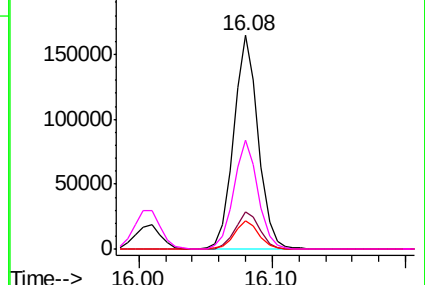


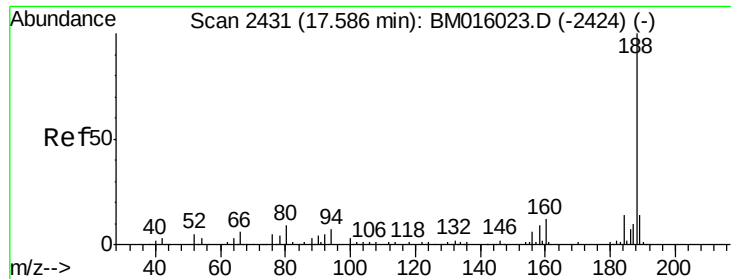
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

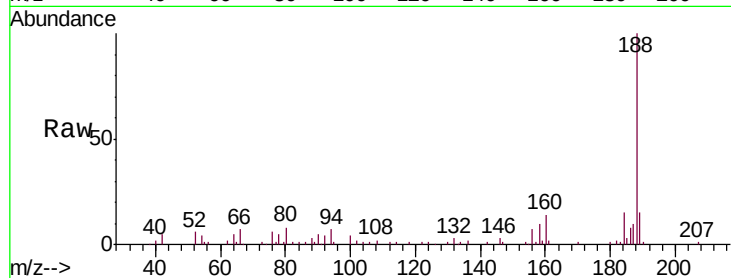




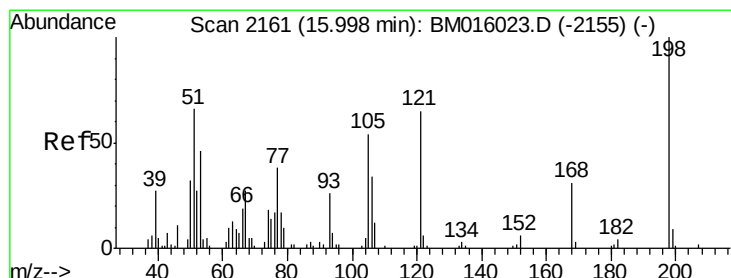
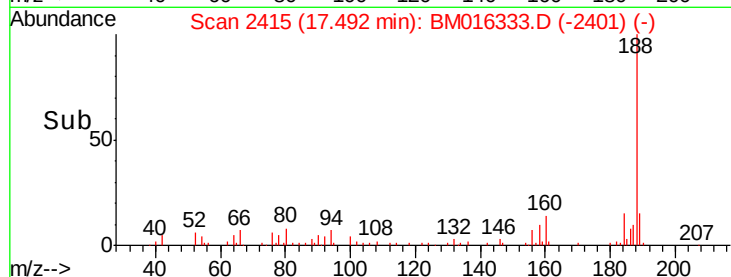
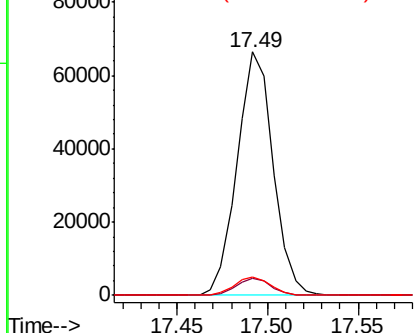
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2415
 Delta R.T. -0.02 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

Tgt Ion:188 Resp: 91572
 Ion Ratio Lower Upper
 188 100
 94 7.0 8.7 13.1#
 80 7.5 9.3 13.9#

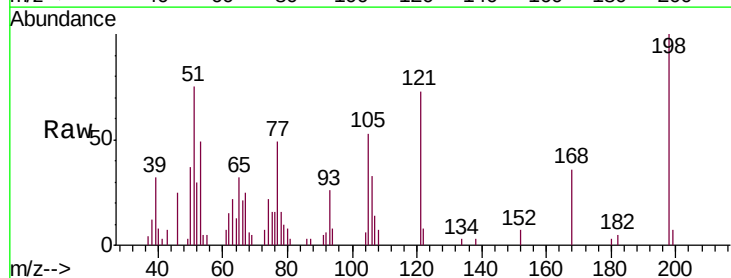


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM
 Ion 80.00 (79.70 to 80.70): BM

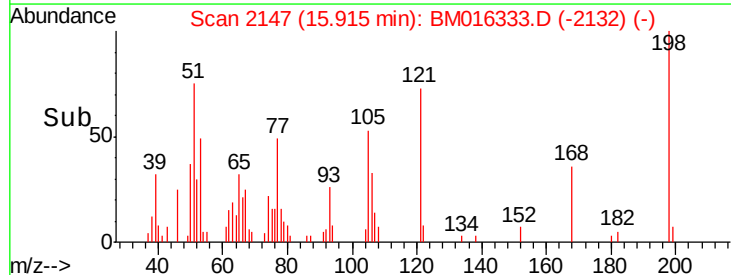
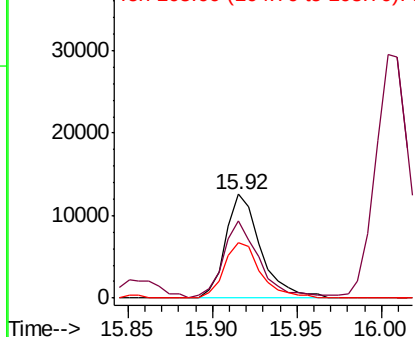


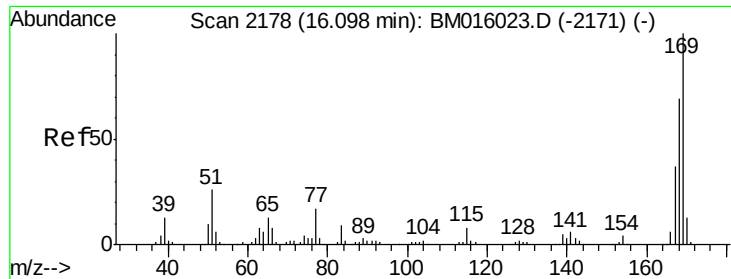
#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.680 ng
 RT: 15.92 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion:198 Resp: 18164
 Ion Ratio Lower Upper
 198 100
 51 74.7 28.8 68.8#
 105 53.3 30.5 70.5



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

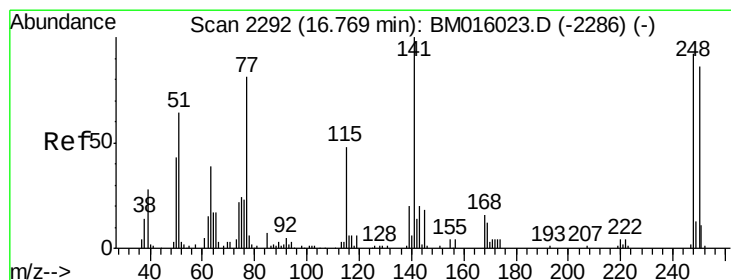
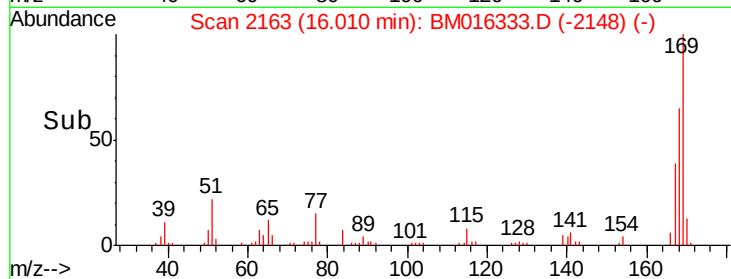
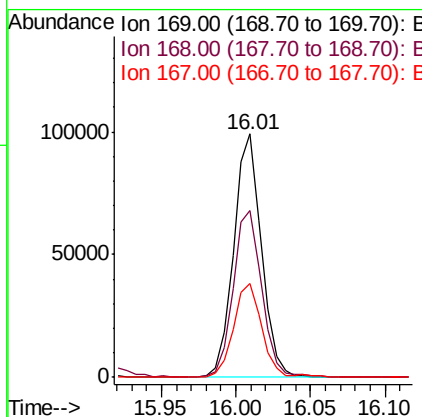
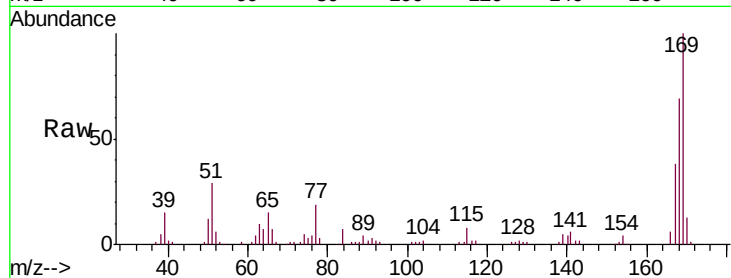




#65
 n-Nitrosodiphenylamine
 Concen: 42.628 ng
 RT: 16.01 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

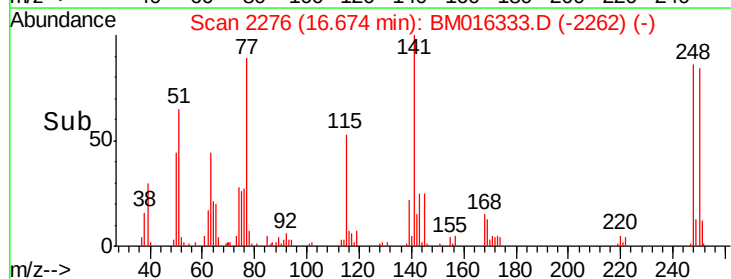
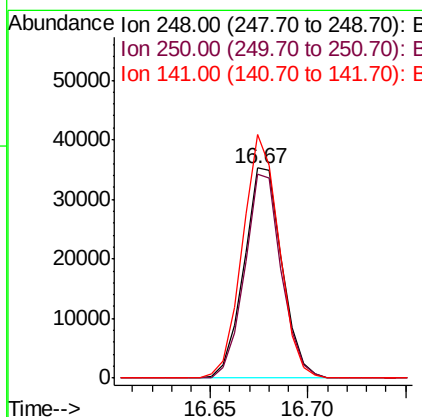
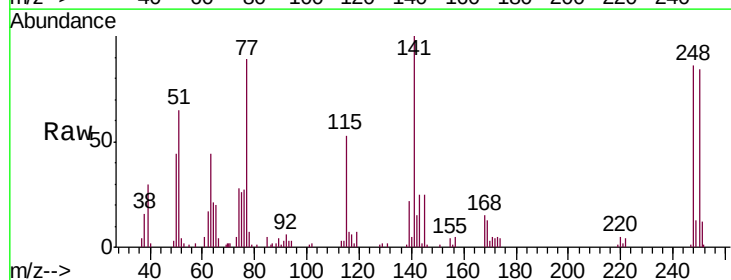
Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

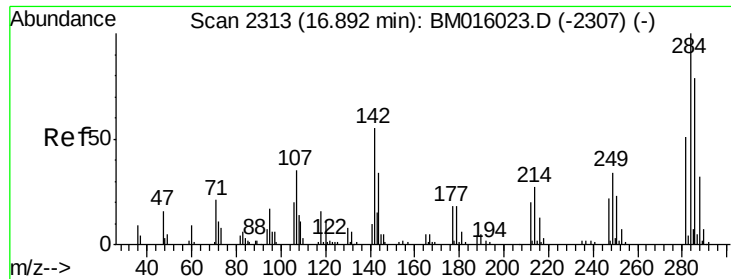
Tgt Ion:169 Resp: 128536
 Ion Ratio Lower Upper
 169 100
 168 68.7 53.9 80.9
 167 38.3 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 45.807 ng
 RT: 16.67 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion:248 Resp: 47498
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.4 116.0
 141 116.1 45.2 67.8#





#67

Hexachlorobenzene

Concen: 39.333 ng

RT: 16.80 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

BNA_M

ClientSampleId :

PB111978BS

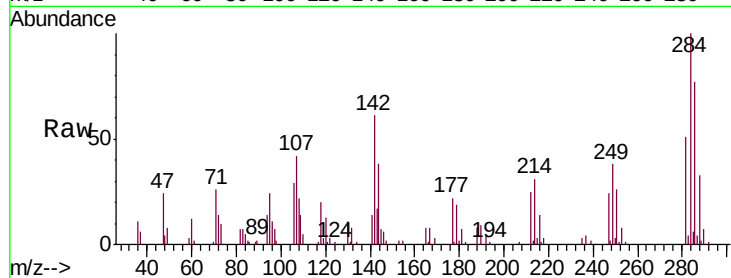
Tgt Ion:284 Resp: 44914

Ion Ratio Lower Upper

284 100

142 61.0 20.4 30.6#

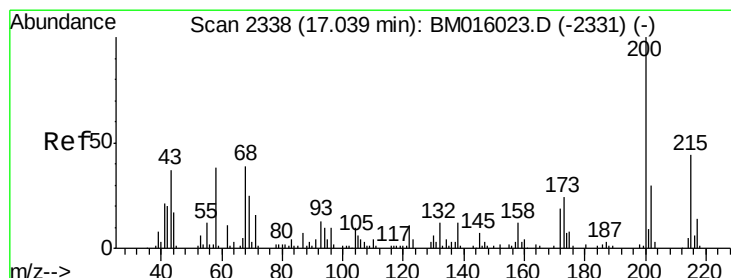
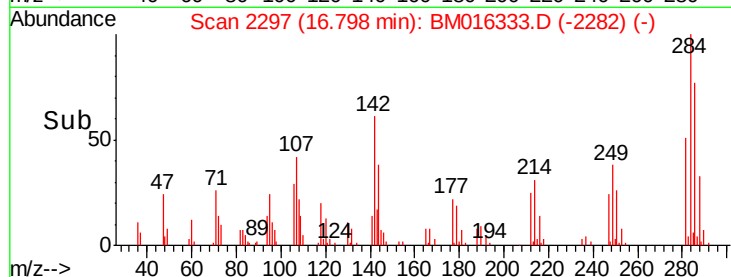
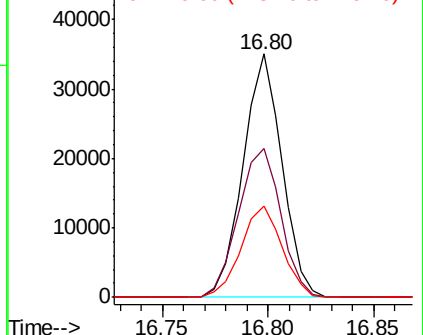
249 37.7 23.8 35.6#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.134 ng

RT: 16.95 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

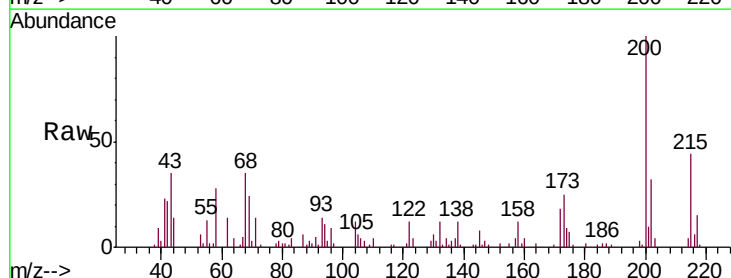
Tgt Ion:200 Resp: 48777

Ion Ratio Lower Upper

200 100

173 24.6 4.8 44.8

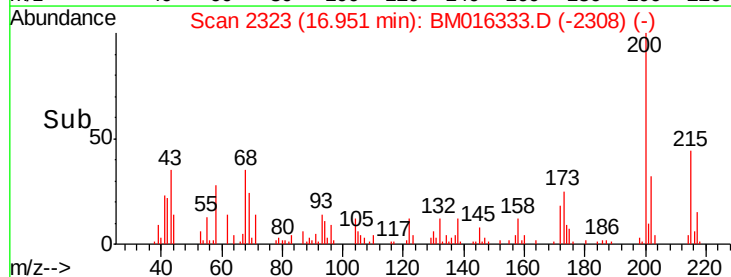
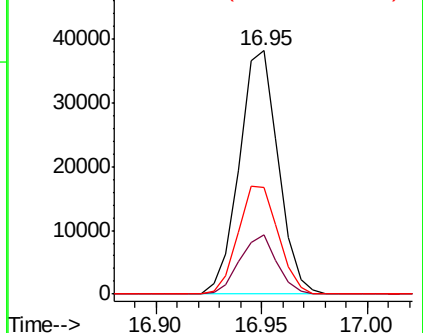
215 43.9 26.9 66.9

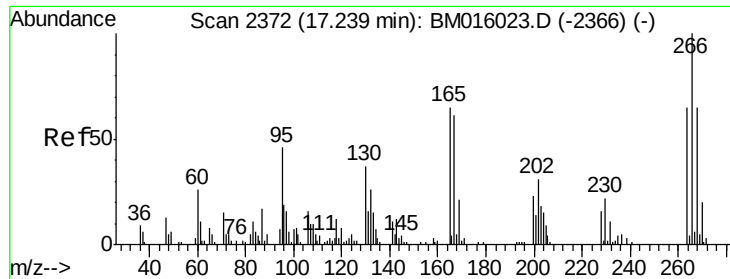


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 61.743 ng

RT: 17.15 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

BNA_M

ClientSampleId :

PB111978BS

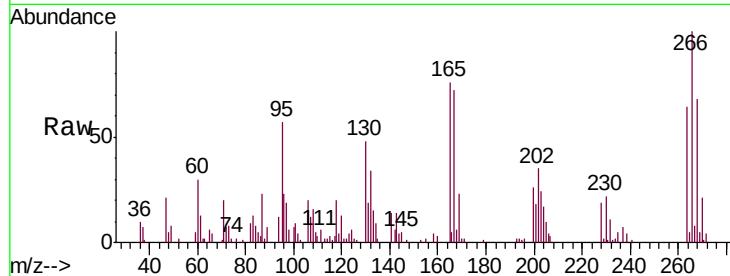
Tgt Ion:266 Resp: 43658

Ion Ratio Lower Upper

266 100

268 67.7 52.0 78.0

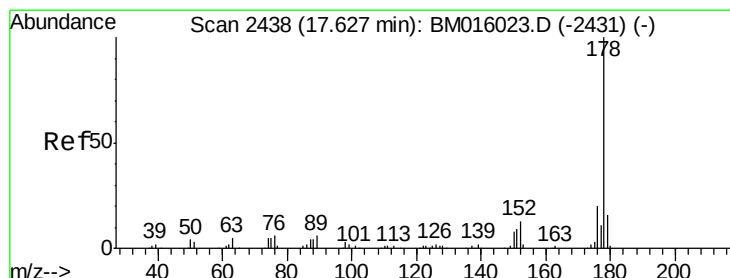
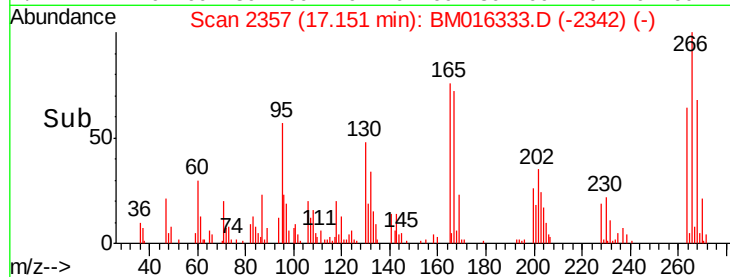
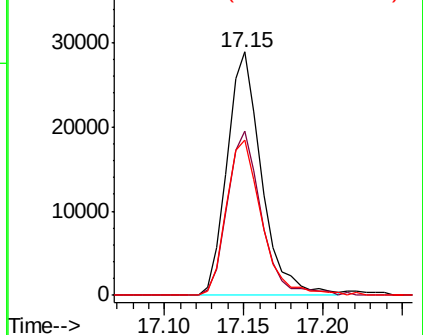
264 63.6 49.0 73.4



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: 43.070 ng

RT: 17.53 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

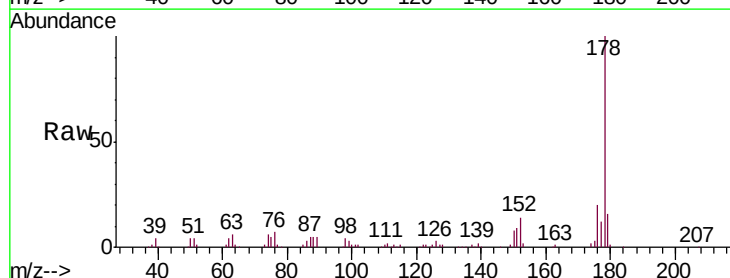
Tgt Ion:178 Resp: 220808

Ion Ratio Lower Upper

178 100

176 20.2 15.2 22.8

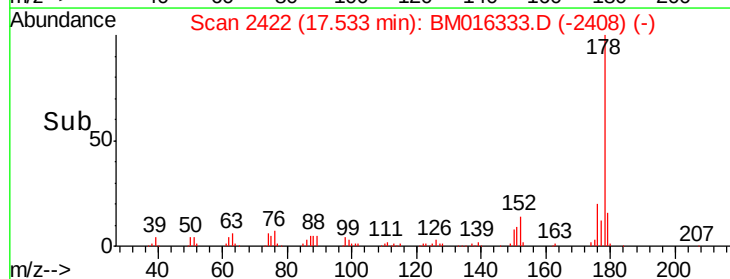
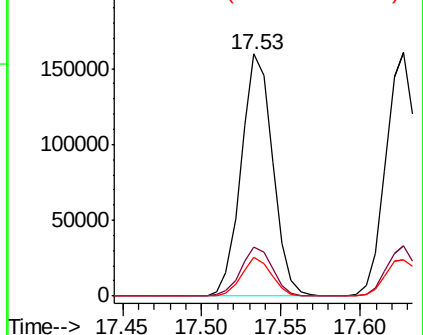
179 15.8 12.1 18.1

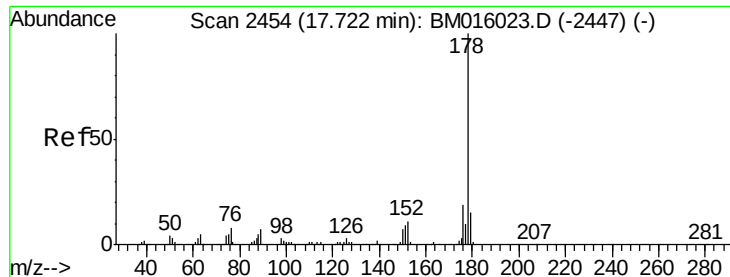


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

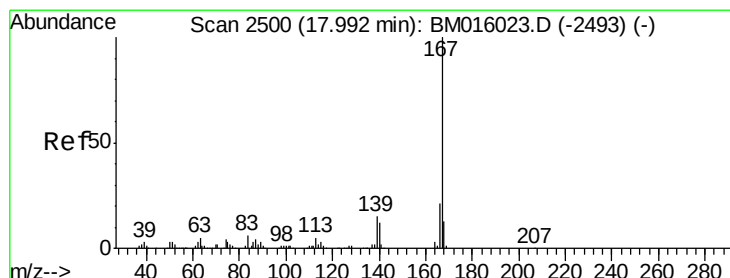
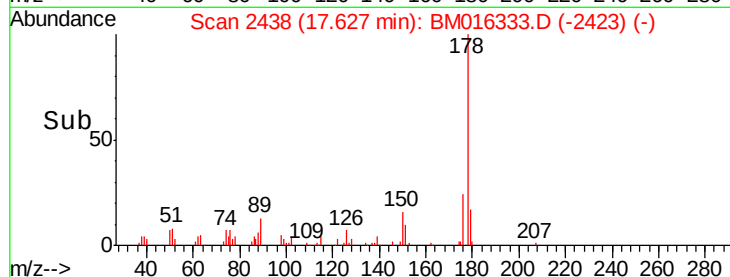
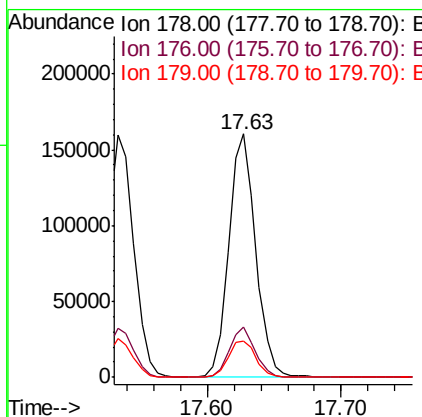
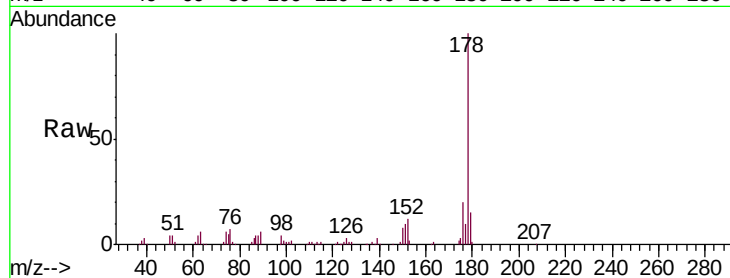




#71
 Anthracene
 Concen: 45.375 ng
 RT: 17.63 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

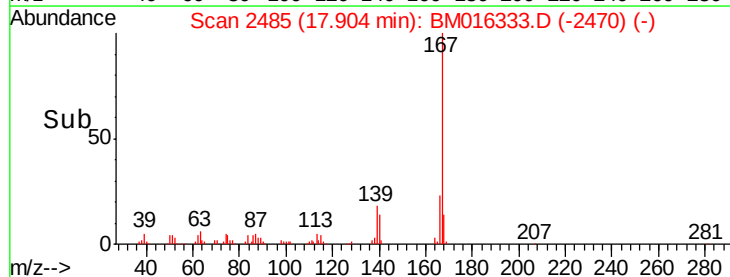
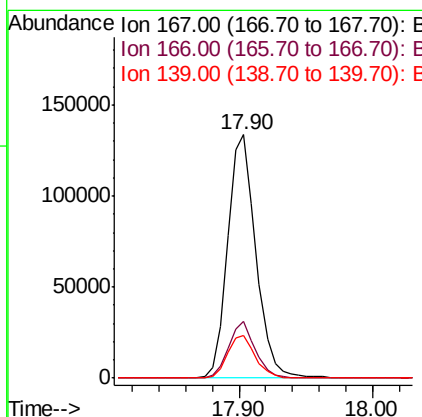
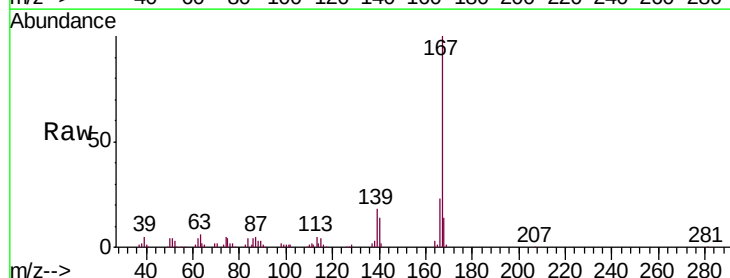
Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

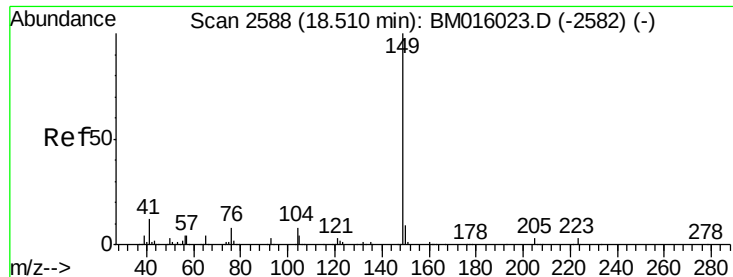
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	14.6	22.0
179	15.0	12.6	19.0



#72
 Carbazole
 Concen: 38.358 ng
 RT: 17.90 min Scan# 2485
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.2	25.8
139	17.6	10.8	16.2#





#73

Di-n-butylphthalate

Concen: 44.418 ng

RT: 18.42 min Scan# 2573

Delta R.T. -0.02 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

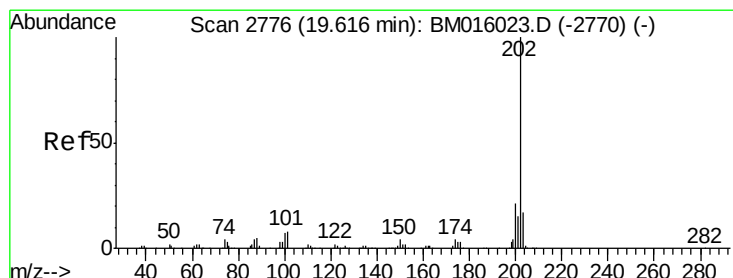
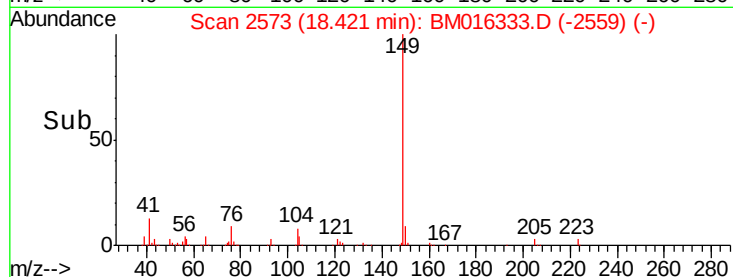
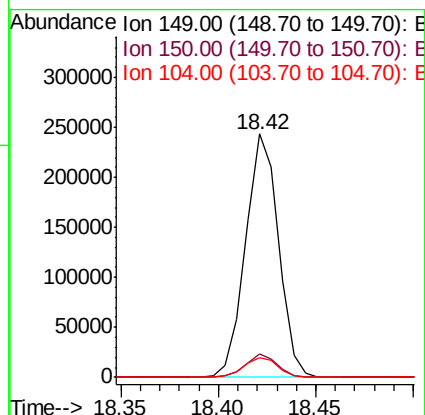
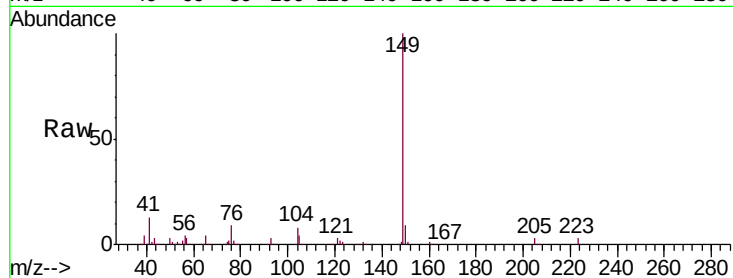
Instrument :

BNA_M

ClientSampleId :

PB111978BS

Tgt Ion:	149	Resp:	285705
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.5	11.3
104	8.2	3.7	5.5#



#74

Fluoranthene

Concen: 45.193 ng

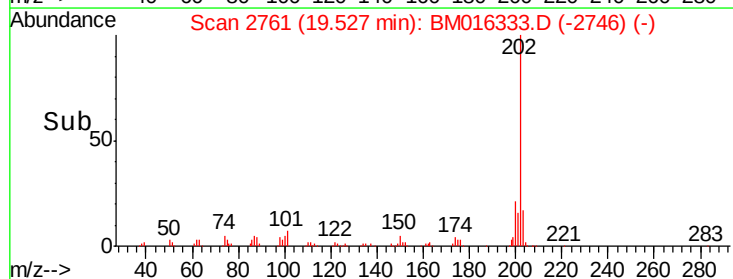
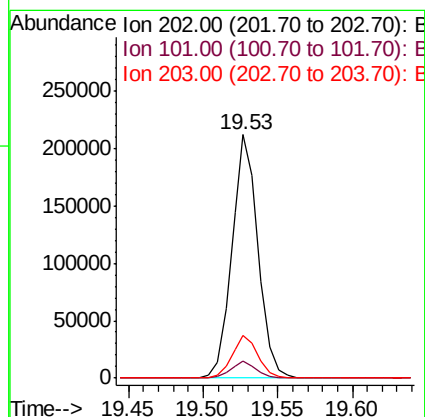
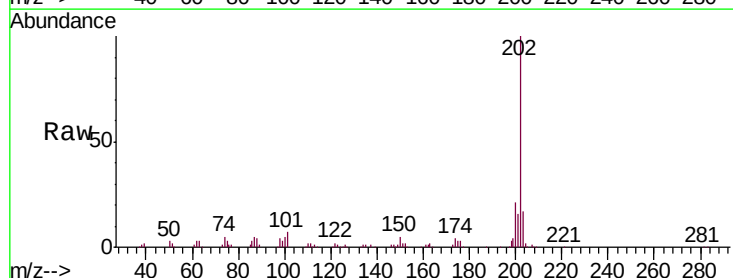
RT: 19.53 min Scan# 2761

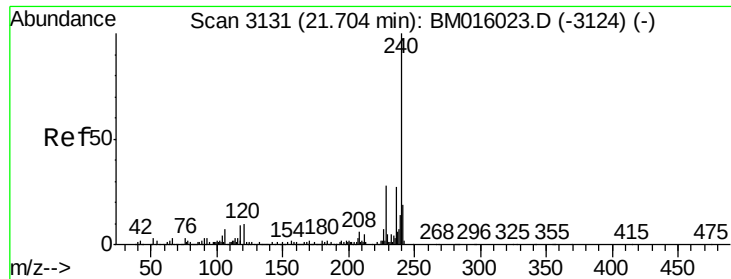
Delta R.T. -0.01 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Tgt Ion:	202	Resp:	258447
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	28.7
203	17.4	0.0	37.2

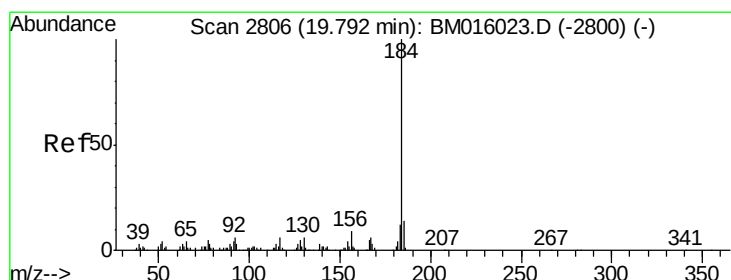
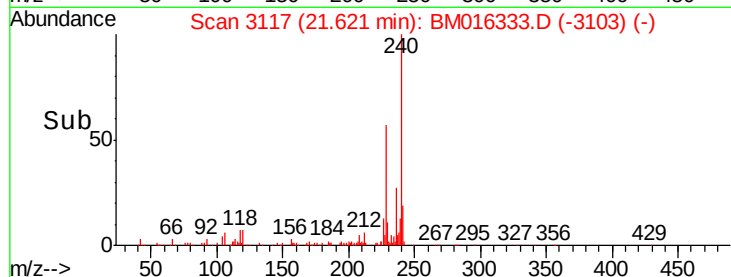
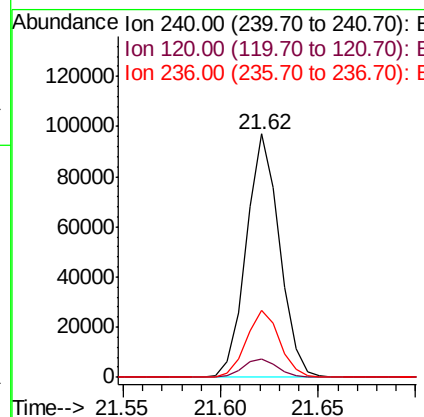
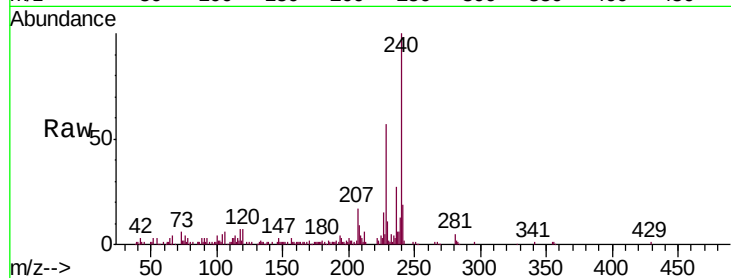




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. -0.02 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

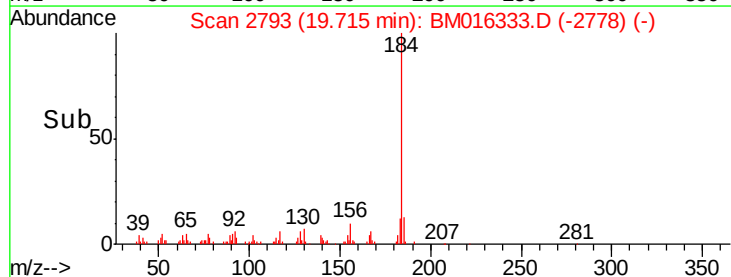
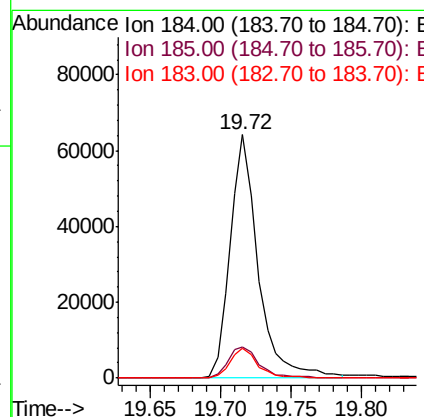
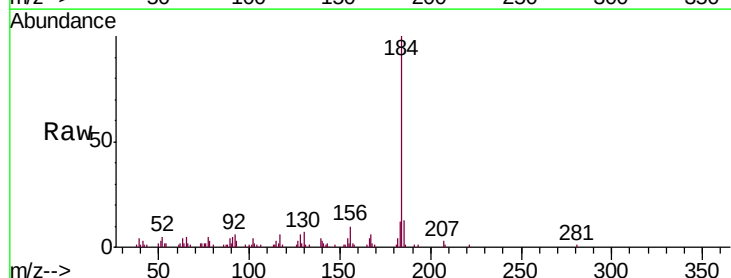
Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

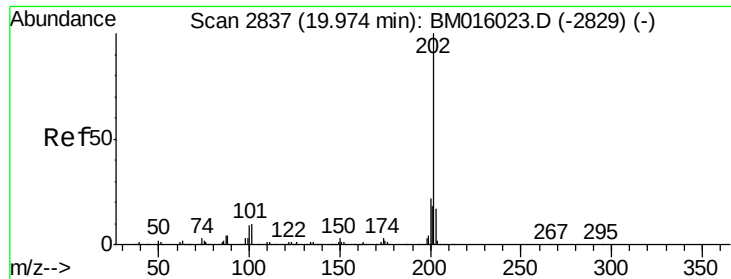
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	8.2	12.2#
236	27.3	20.0	30.0



#76
 Benzidine
 Concen: 27.748 ng
 RT: 19.72 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion	Ratio	Lower	Upper
184	100		
185	12.7	11.3	16.9
183	12.4	8.9	13.3

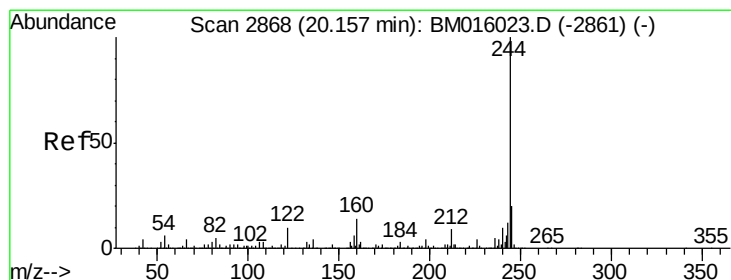
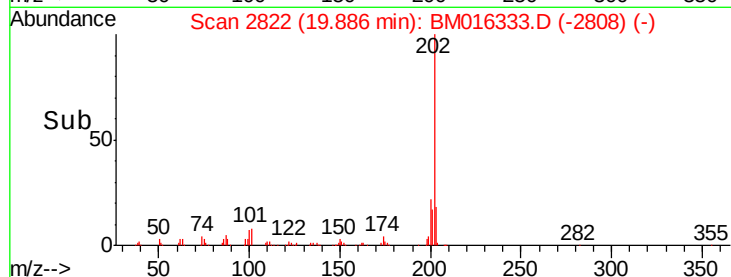
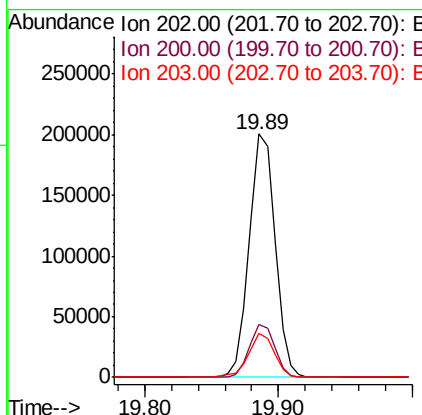
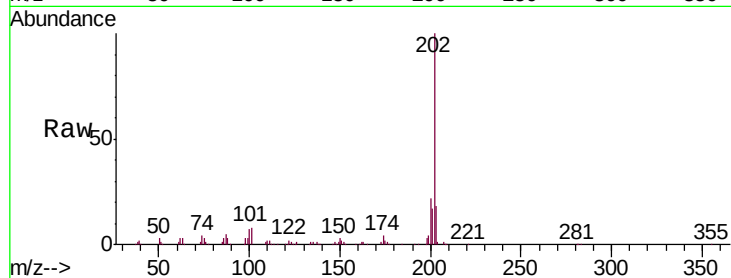




#77
 Pyrene
 Concen: 39.107 ng
 RT: 19.89 min Scan# 2822
 Delta R.T. -0.02 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

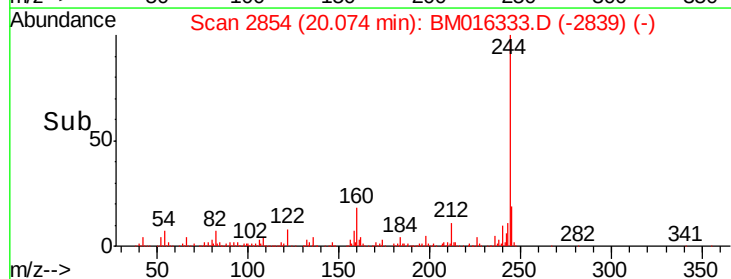
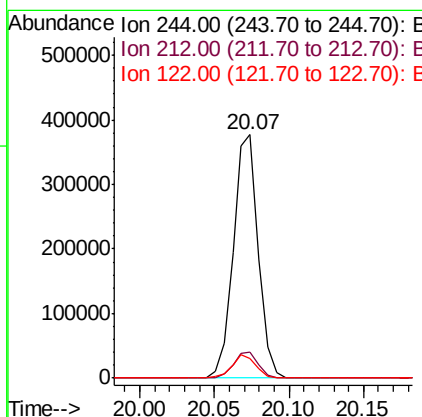
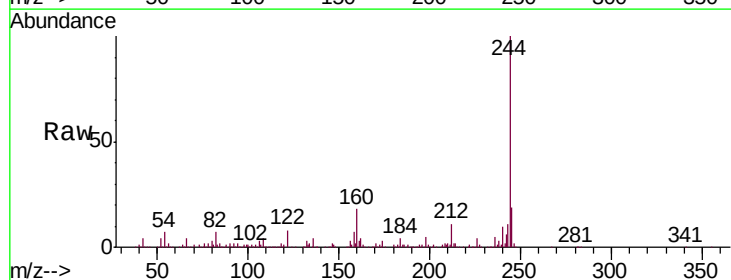
Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

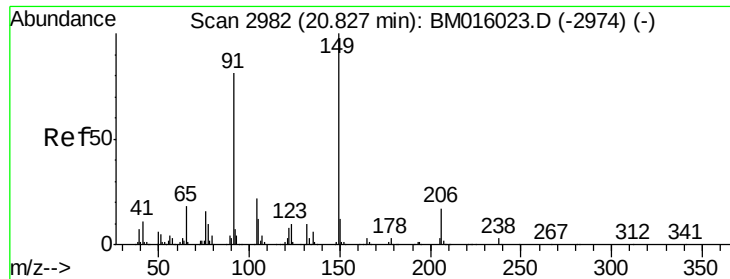
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.0	14.1	21.1



#78
 Terphenyl-d14
 Concen: 39.107 ng
 RT: 20.07 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.9	4.9	7.3#
122	8.0	6.2	9.4

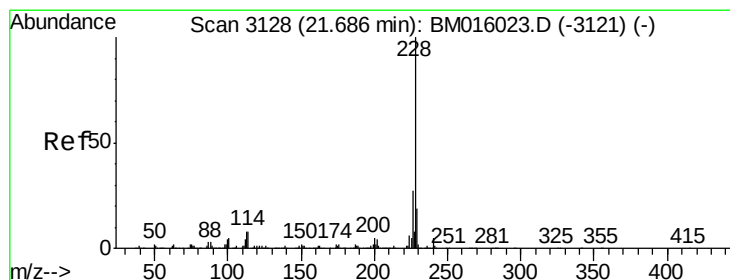
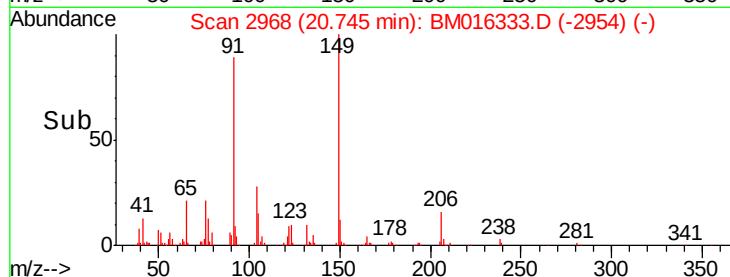
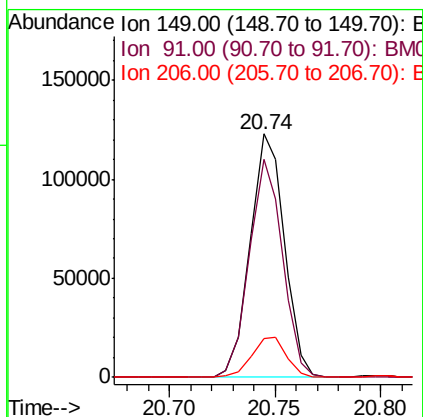
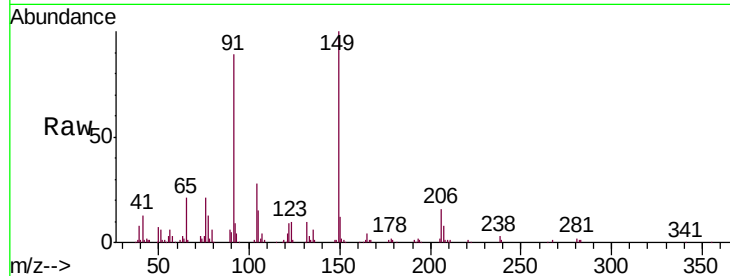




#79
Butylbenzylphthalate
Concen: 39.920 ng
RT: 20.74 min Scan# 2968
Delta R.T. -0.02 min
Lab File: BM016333.D
Acq: 13 Aug 2018 19:49

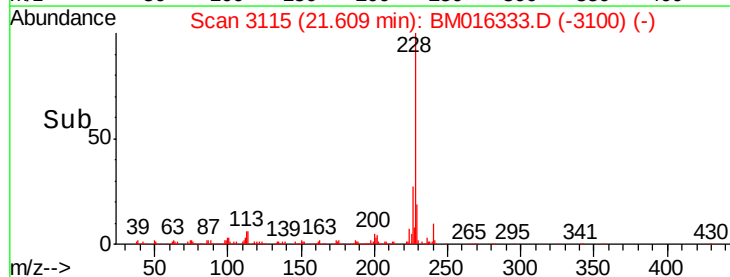
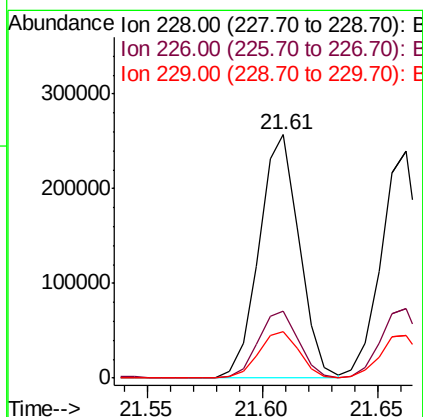
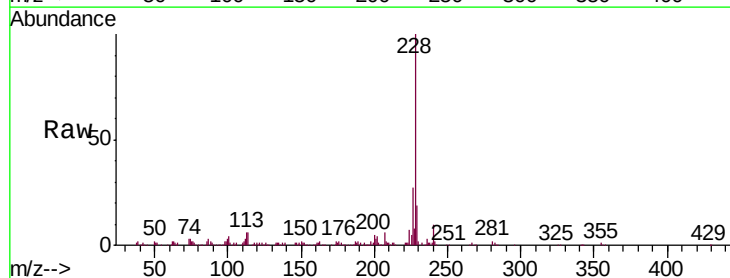
Instrument :
BNA_M
ClientSampleId :
PB111978BS

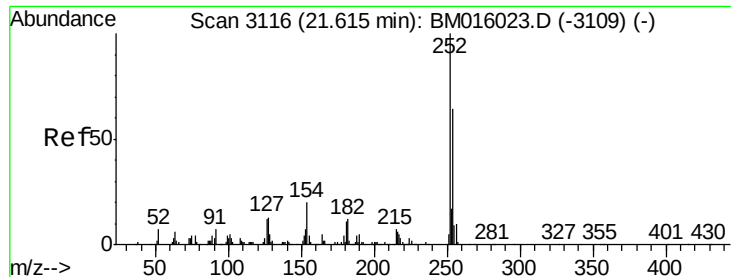
Tgt Ion	Ratio	Lower	Upper
149	100		
91	89.5	50.1	75.1#
206	16.0	16.2	24.2#



#80
Benzo(a)anthracene
Concen: 44.054 ng
RT: 21.61 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM016333.D
Acq: 13 Aug 2018 19:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.7	32.5
229	19.2	16.0	24.0

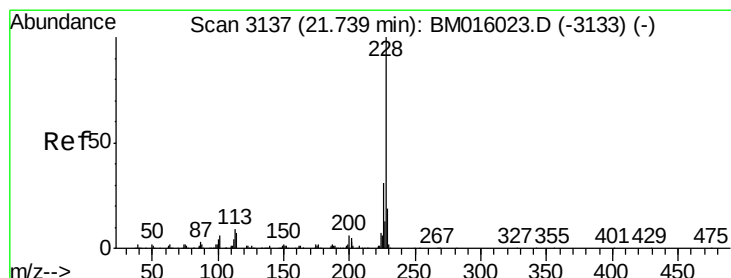
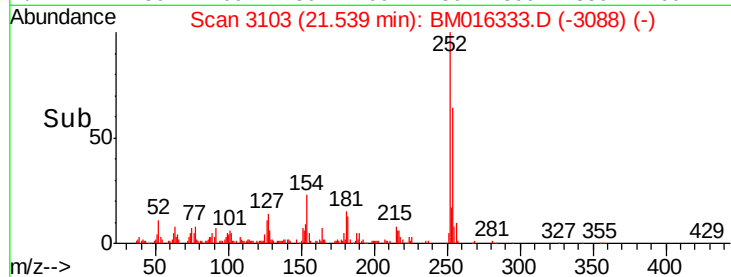
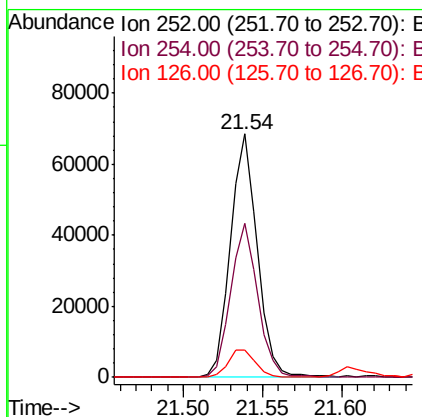
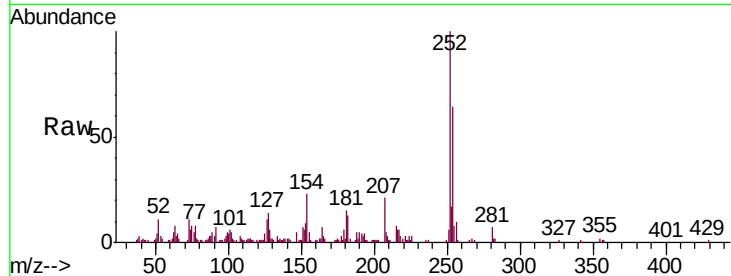




#81
 3,3'-Dichlorobenzidine
 Concen: 28.436 ng
 RT: 21.54 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

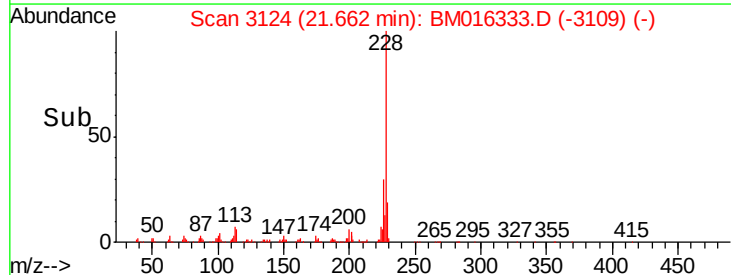
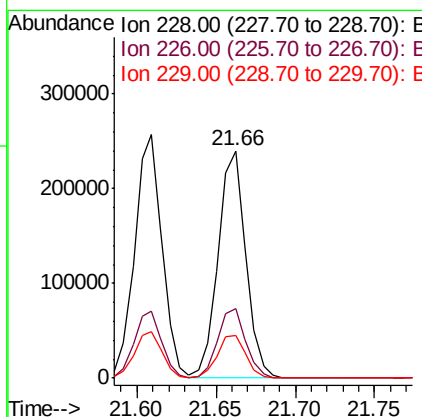
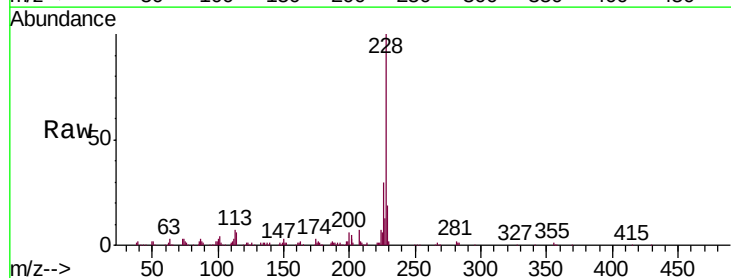
Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

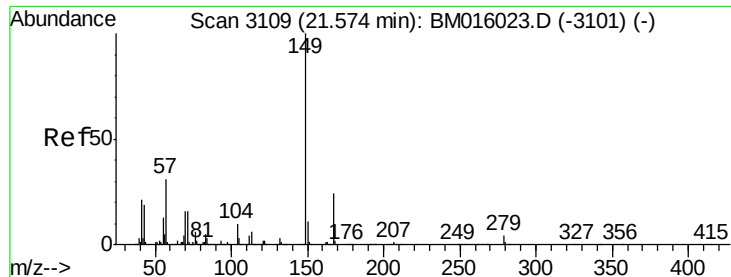
Tgt Ion:	252	Resp:	80667
Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.9	77.9
126	11.4	9.8	14.8



#82
 Chrysene
 Concen: 42.987 ng
 RT: 21.66 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion:	228	Resp:	290419
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	18.9	15.5	23.3

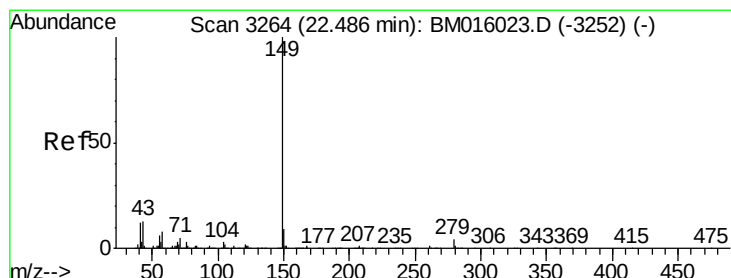
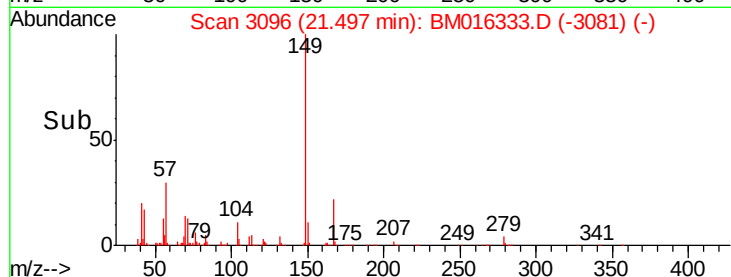
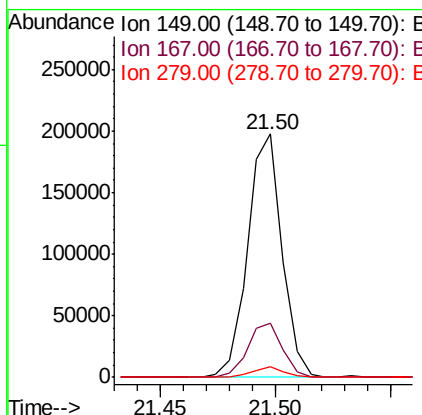
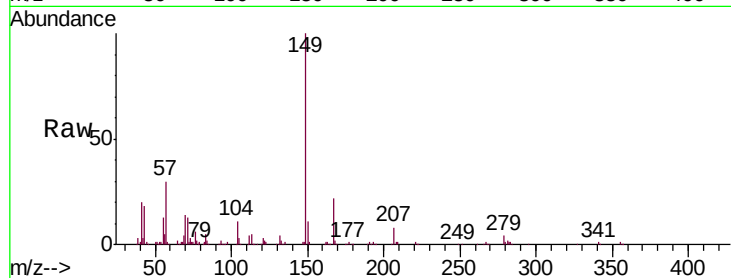




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.332 ng
 RT: 21.50 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

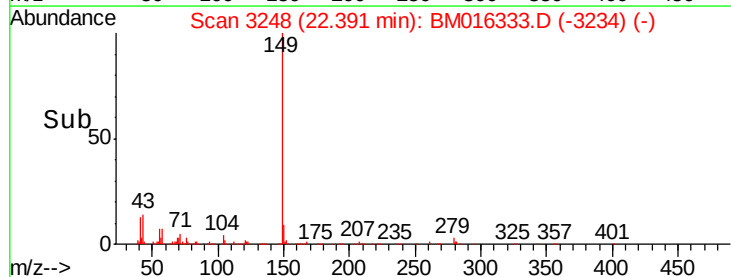
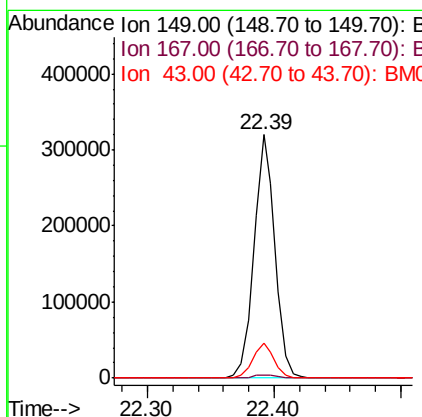
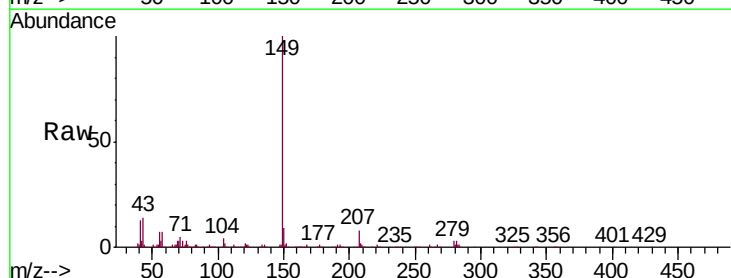
Instrument :
 BNA_M
 ClientSampleId :
 PB111978BS

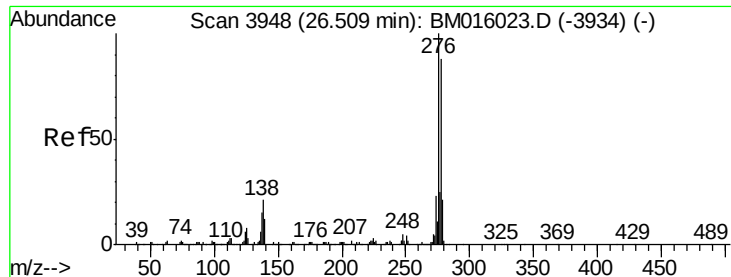
Tgt Ion	Ratio	Lower	Upper
149	100		
167	22.3	22.4	33.6#
279	4.2	3.4	5.0



#84
 Di-n-octyl phthalate
 Concen: 43.162 ng
 RT: 22.39 min Scan# 3248
 Delta R.T. -0.02 min
 Lab File: BM016333.D
 Acq: 13 Aug 2018 19:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	14.3	7.3	10.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.915 ng

RT: 26.34 min Scan# 3919

Delta R.T. -0.02 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

BNA_M

ClientSampleId :

PB111978BS

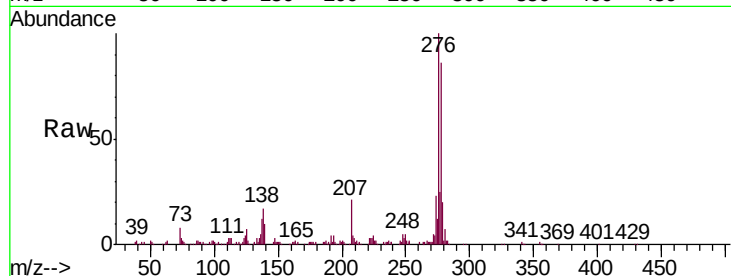
Tgt Ion:276 Resp: 392153

Ion Ratio Lower Upper

276 100

138 17.6 12.0 18.0

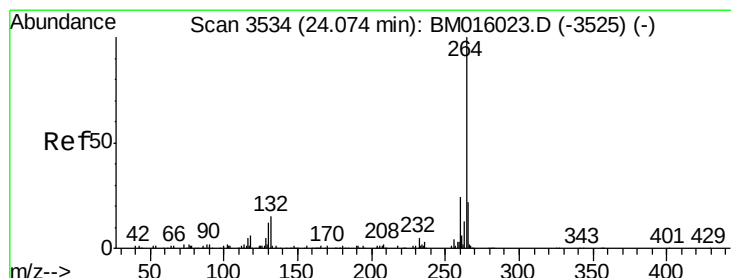
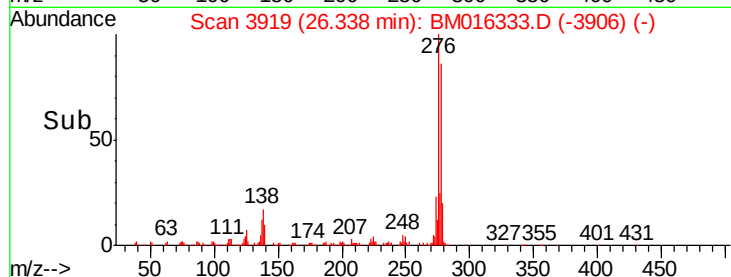
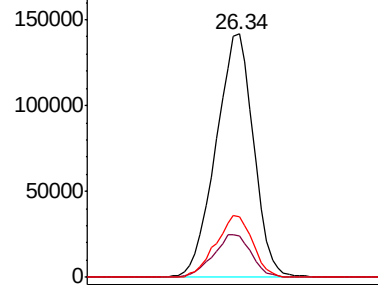
277 25.0 20.0 30.0



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: 23.96 min Scan# 3514

Delta R.T. -0.02 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

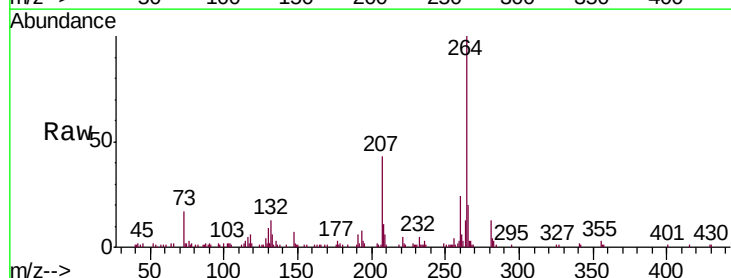
Tgt Ion:264 Resp: 121640

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

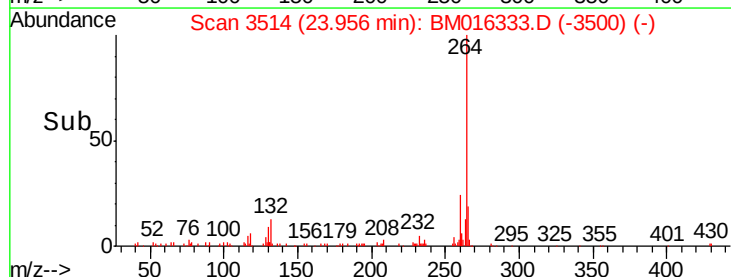
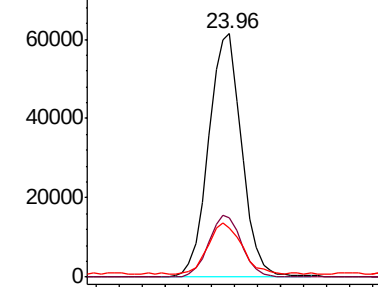
265 20.2 17.3 25.9

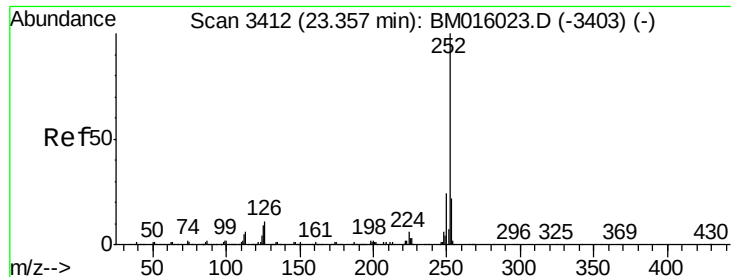


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

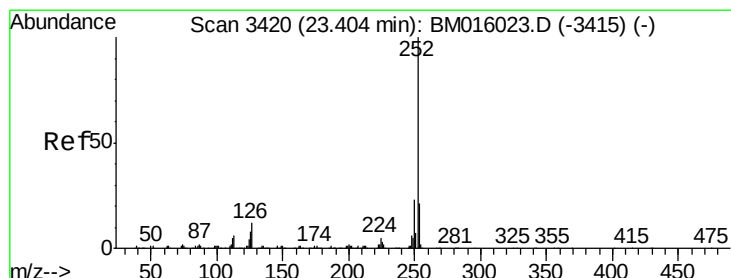
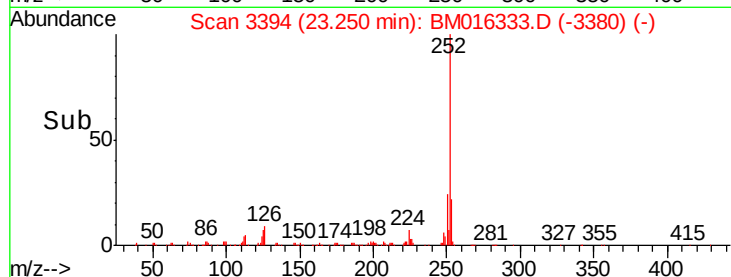
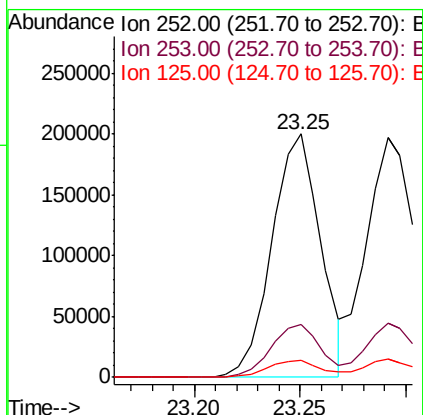
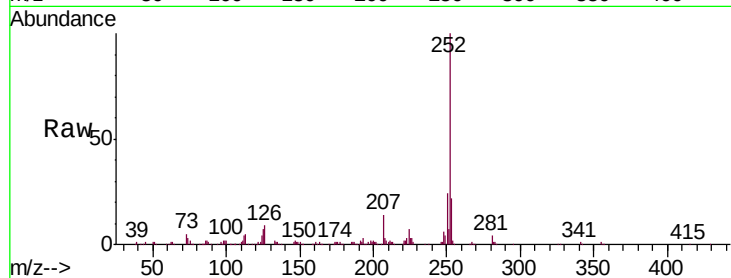




#87
Benzo(b)fluoranthene
Concen: 44.827 ng
RT: 23.25 min Scan# 3394
Delta R.T. -0.02 min
Lab File: BM016333.D
Acq: 13 Aug 2018 19:49

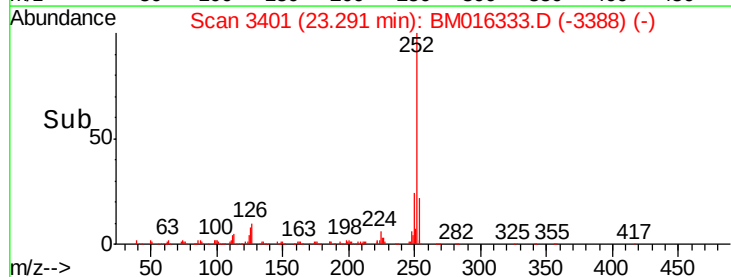
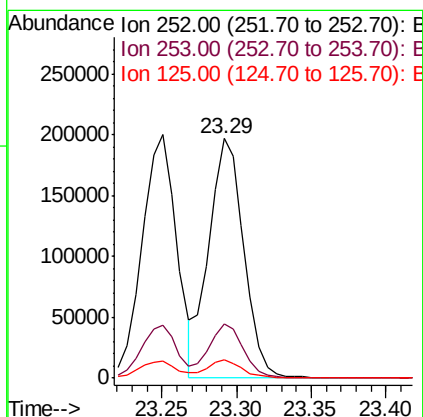
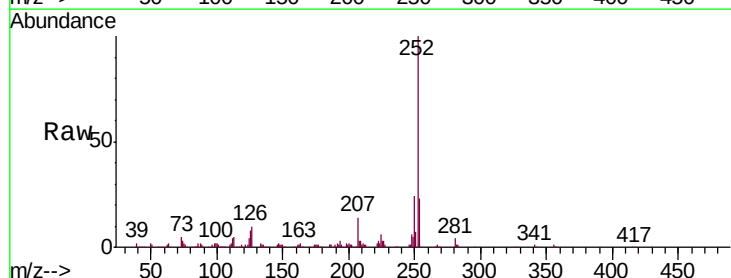
Instrument :
BNA_M
ClientSampleId :
PB111978BS

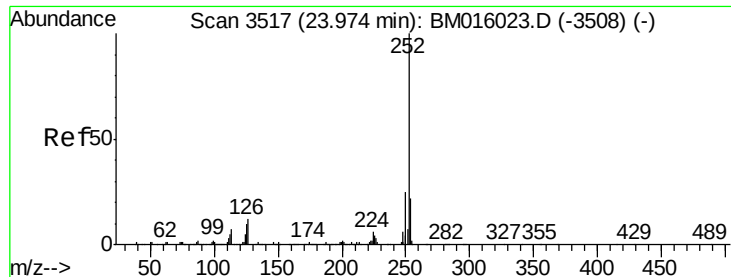
Tgt Ion:252 Resp: 321048
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 6.8 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 44.089 ng
RT: 23.29 min Scan# 3401
Delta R.T. -0.02 min
Lab File: BM016333.D
Acq: 13 Aug 2018 19:49

Tgt Ion:252 Resp: 320004
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 7.9 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 46.026 ng

RT: 23.86 min Scan# 3497

Delta R.T. -0.02 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

BNA_M

ClientSampleId :

PB111978BS

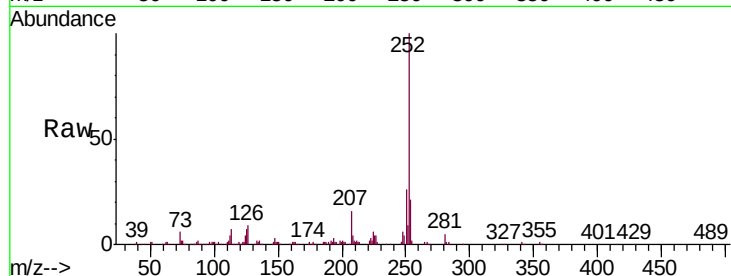
Tgt Ion:252 Resp: 316888

Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

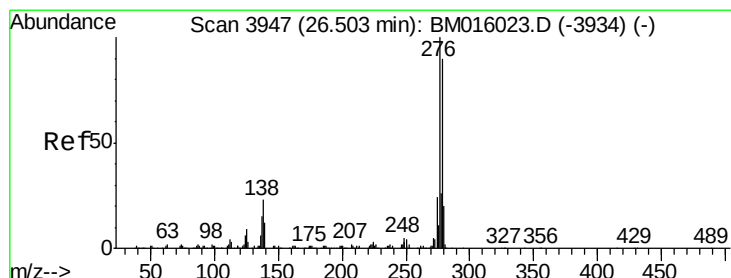
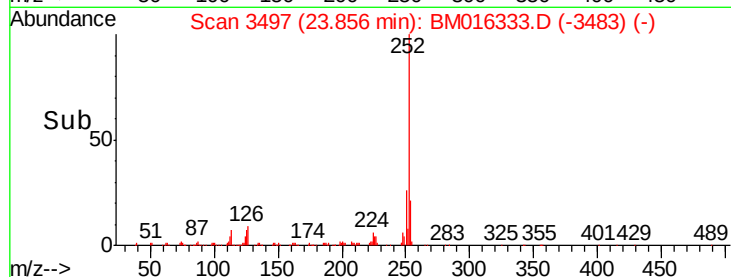
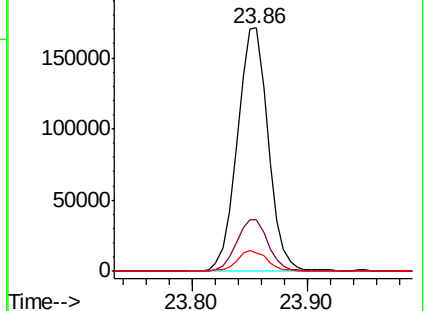
125 7.5 7.4 11.2



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: 46.653 ng

RT: 26.33 min Scan# 3918

Delta R.T. -0.03 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

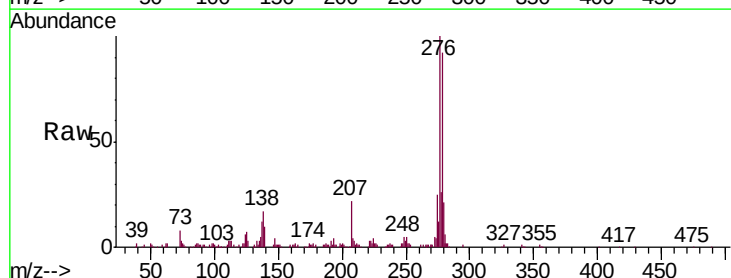
Tgt Ion:278 Resp: 332795

Ion Ratio Lower Upper

278 100

139 10.7 13.4 20.0#

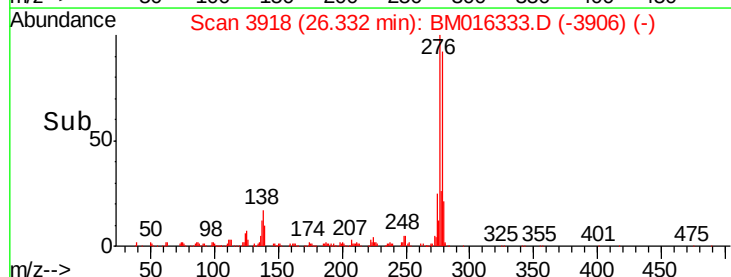
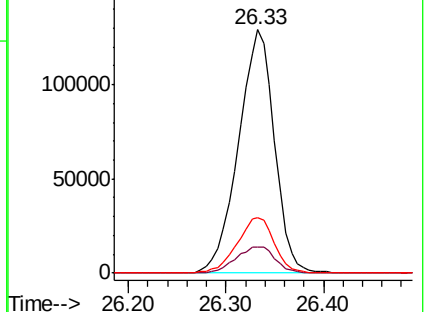
279 22.8 19.0 28.4

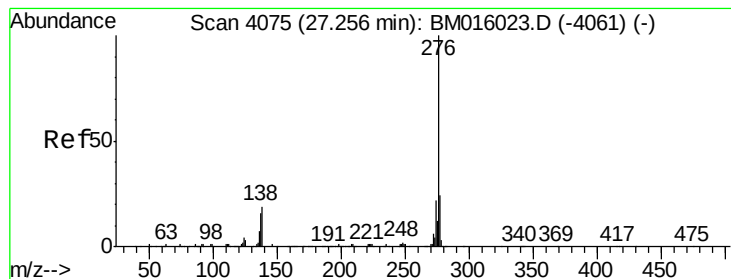


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.141 ng

RT: 27.07 min Scan# 4043

Delta R.T. -0.03 min

Lab File: BM016333.D

Acq: 13 Aug 2018 19:49

Instrument :

BNA_M

ClientSampleId :

PB111978BS

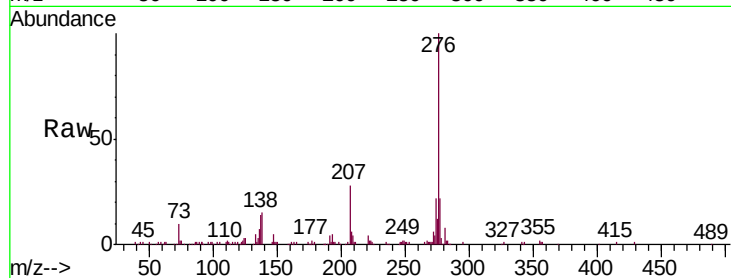
Tgt Ion: 276 Resp: 311303

Ion Ratio Lower Upper

276 100

277 22.5 18.5 27.7

138 14.6 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

