

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081518\
 Data File : BM016379.D
 Acq On : 15 Aug 2018 14:19
 Operator : SJ/JU
 Sample : PB112017BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

Quant Time: Aug 16 01:28:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18819	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	74962	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	38583	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	79306	20.00	ng	0.00
75) Chrysene-d12	21.62	240	94777	20.00	ng	0.00
86) Perylene-d12	23.94	264	94520	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	166110	146.62	ng	0.00
7) Phenol-d6	7.29	99	190399	128.69	ng	0.00
23) Nitrobenzene-d5	9.30	82	154363	95.78	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	63393	129.54	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	301873	95.20	ng	0.00
78) Terphenyl-d14	20.07	244	461012	101.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	28955	54.549	ng	# 100
3) Pyridine	3.88	79	58379	45.654	ng	# 67
4) n-Nitrosodimethylamine	3.79	42	66918	67.095	ng	# 27
6) Aniline	7.44	93	55573	32.623	ng	# 85
8) 2-Chlorophenol	7.67	128	61613	45.759	ng	96
9) Benzaldehyde	7.26	77	29524	28.402	ng	84
10) Phenol	7.32	94	64121	43.342	ng	96
11) bis(2-Chloroethyl)ether	7.54	93	49068	41.984	ng	91
12) 1,3-Dichlorobenzene	7.99	146	71028	45.067	ng	# 84
13) 1,4-Dichlorobenzene	8.15	146	70905	44.359	ng	# 91
14) 1,2-Dichlorobenzene	8.46	146	70162	44.860	ng	# 90
15) Benzyl Alcohol	8.37	79	52731	44.761	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.63	45	64625	36.129	ng	94
17) 2-Methylphenol	8.57	107	44644	44.150	ng	# 74
18) Hexachloroethane	9.18	117	35974	52.065	ng	96
19) n-Nitroso-di-n-propylamine	8.93	70	44159	40.835	ng	# 64
20) 3+4-Methylphenols	8.90	107	58831	40.438	ng	# 83
22) Acetophenone	8.96	105	89968	47.664	ng	# 78
24) Nitrobenzene	9.35	77	76792	47.335	ng	# 93
25) Isophorone	9.86	82	114168	51.787	ng	# 94
26) 2-Nitrophenol	10.05	139	31623	46.695	ng	# 33
27) 2,4-Dimethylphenol	10.10	122	49815	52.798	ng	# 78
28) bis(2-Chloroethoxy)methane	10.33	93	62362	43.523	ng	97
29) 2,4-Dichlorophenol	10.59	162	54167	48.314	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	64117	47.068	ng	97
31) Naphthalene	10.97	128	177146	46.692	ng	98
32) Benzoic acid	10.28	122	31687	44.057	ng	# 78
33) 4-Chloroaniline	11.11	127	44599	28.807	ng	# 84
34) Hexachlorobutadiene	11.23	225	51342	54.336	ng	98
35) Caprolactam	11.92	113	12318	39.669	ng	# 90
36) 4-Chloro-3-methylphenol	12.23	107	55222	44.782	ng	89
37) 2-Methylnaphthalene	12.57	142	129031	50.771	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	70847	53.935	ng	# 100
40) Hexachlorocyclopentadiene	12.90	237	57864	88.810	ng	94

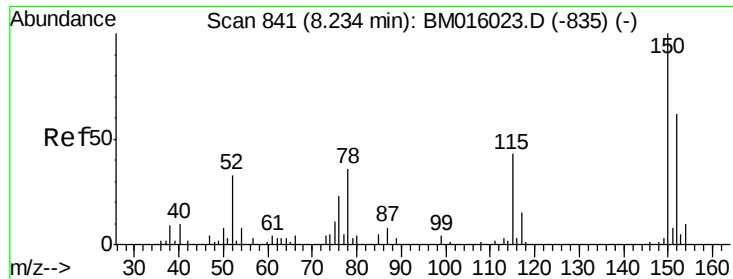
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081518\
 Data File : BM016379.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	40927	49.800	ng	97
43) 2,4,5-Trichlorophenol	13.28	196	43781	51.646	ng	# 82
45) 1,1'-Biphenyl	13.58	154	158831	45.615	ng	100
46) 2-Chloronaphthalene	13.63	162	124723	46.053	ng	# 87
47) 2-Nitroaniline	13.86	65	40700	45.456	ng	# 72
48) Acenaphthylene	14.47	152	194700	49.109	ng	97
49) Dimethylphthalate	14.20	163	155333	46.003	ng	98
50) 2,6-Dinitrotoluene	14.35	165	30117	44.330	ng	# 32
51) Acenaphthene	14.82	154	110805	45.443	ng	96
52) 3-Nitroaniline	14.69	138	20979	28.589	ng	# 66
53) 2,4-Dinitrophenol	14.92	184	29181	98.497	ng	# 60
54) Dibenzofuran	15.15	168	185154	46.080	ng	# 76
55) 4-Nitrophenol	15.00	139	40572	77.126	ng	87
56) 2,4-Dinitrotoluene	15.15	165	44449	45.756	ng	# 59
57) Fluorene	15.79	166	142971	47.882	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	36520	50.121	ng	# 100
59) Diethylphthalate	15.56	149	167428	46.003	ng	94
60) 4-Chlorophenyl-phenylether	15.78	204	76756	46.177	ng	# 79
61) 4-Nitroaniline	15.85	138	27324	38.809	ng	# 1
62) Azobenzene	16.07	77	193727	50.543	ng	# 72
64) 4,6-Dinitro-2-methylphenol	15.92	198	21050	43.730	ng	89
65) n-Nitrosodiphenylamine	16.00	169	119809	45.879	ng	99
66) 4-Bromophenyl-phenylether	16.67	248	44849	49.942	ng	# 62
67) Hexachlorobenzene	16.79	284	44226	44.721	ng	# 60
68) Atrazine	16.94	200	46377	49.551	ng	97
69) Pentachlorophenol	17.14	266	45084	73.622	ng	95
70) Phenanthrene	17.53	178	208357	46.927	ng	99
71) Anthracene	17.62	178	217192	50.331	ng	98
72) Carbazole	17.90	167	186771	41.779	ng	# 95
73) Di-n-butylphthalate	18.42	149	270745	48.602	ng	# 95
74) Fluoranthene	19.52	202	248765	50.228	ng	97
76) Benzidine	19.71	184	135765	51.261	ng	98
77) Pyrene	19.88	202	253146	44.570	ng	98
79) Butylbenzylphthalate	20.74	149	136309	47.242	ng	# 70
80) Benzo(a)anthracene	21.60	228	282182	48.340	ng	99
81) 3,3'-Dichlorobenzidine	21.53	252	74246	31.577	ng	98
82) Chrysene	21.66	228	260636	46.546	ng	98
83) Bis(2-ethylhexyl)phthalate	21.49	149	197161	47.150	ng	93
84) Di-n-octyl phthalate	22.39	149	346674	49.328	ng	# 87
85) Indeno(1,2,3-cd)pyrene	26.32	276	340162	51.192	ng	99
87) Benzo(b)fluoranthene	23.24	252	273564	49.157	ng	# 94
88) Benzo(k)fluoranthene	23.29	252	278444	49.370	ng	# 97
89) Benzo(a)pyrene	23.84	252	271456	50.740	ng	# 97
90) Dibenzo(a,h)anthracene	26.32	278	287817	51.925	ng	# 94
91) Benzo(g,h,i)perylene	27.06	276	268400	51.197	ng	# 90

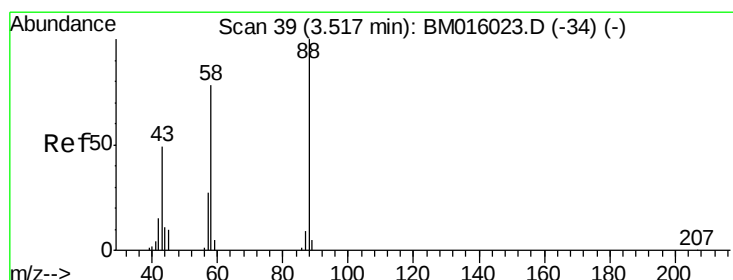
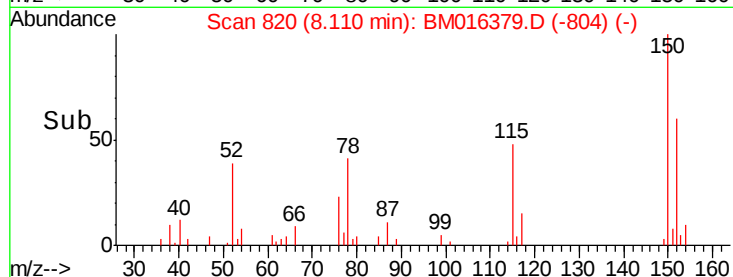
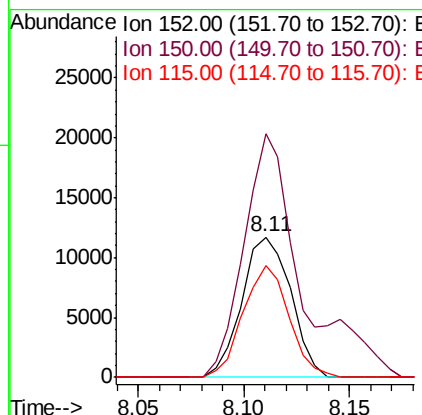
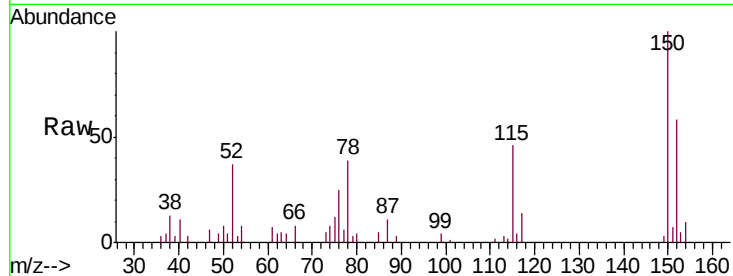
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

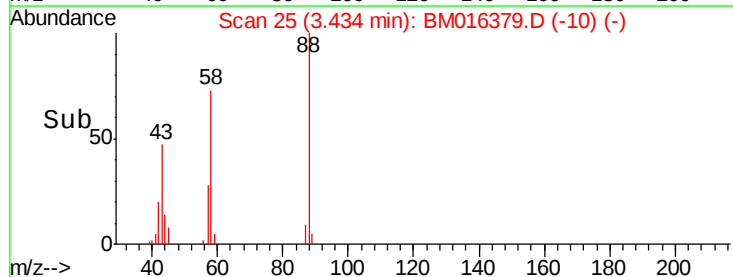
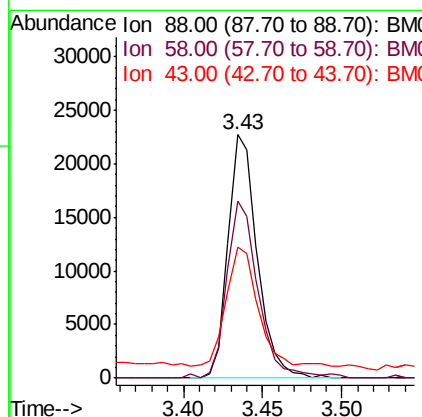
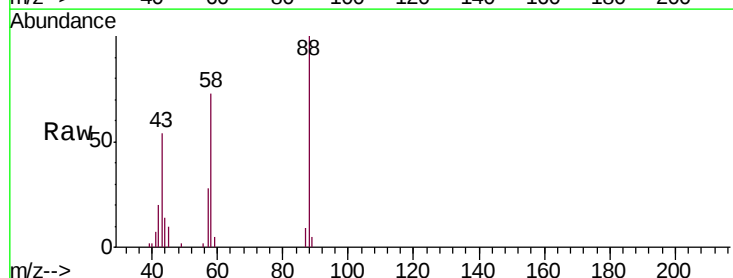
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

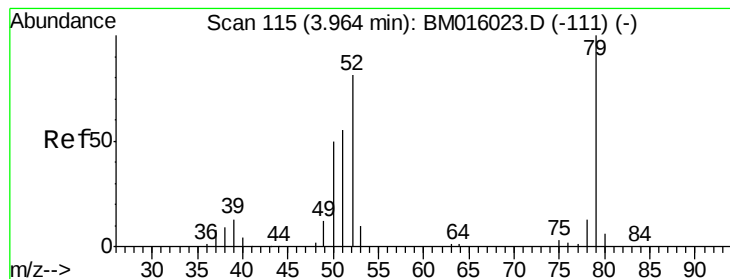
Tgt Ion:152 Resp: 18819
 Ion Ratio Lower Upper
 152 100
 150 173.2 119.5 179.3
 115 79.7 43.0 64.4#



#2
 1,4-Dioxane
 Concen: 54.549 ng
 RT: 3.43 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion: 88 Resp: 28955
 Ion Ratio Lower Upper
 88 100
 58 78.8 0.0 0.0#
 43 53.0 0.0 0.0#





#3

Pyridine

Concen: 45.654 ng

RT: 3.88 min Scan# 100

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Instrument :

BNA_M

ClientSampleId :

PB112017BSD

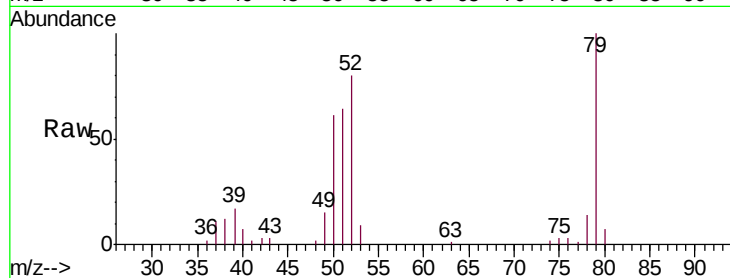
Tgt Ion: 79 Resp: 58379

Ion Ratio Lower Upper

79 100

52 80.3 51.1 76.7#

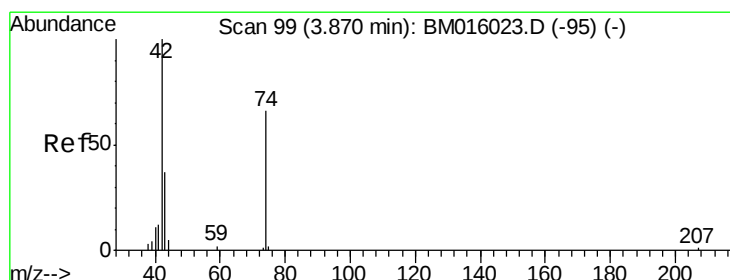
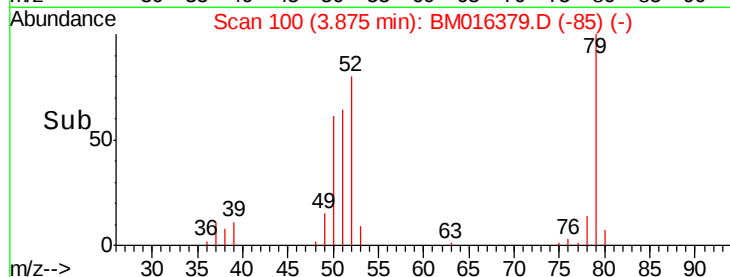
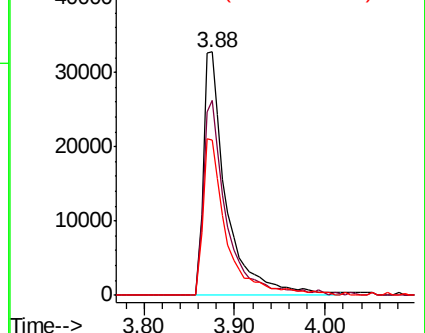
51 63.7 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016379.D (-111) (-)

Ion 52.00 (51.70 to 52.70): BM016379.D (-111) (-)

Ion 51.00 (50.70 to 51.70): BM016379.D (-111) (-)



#4

n-Nitrosodimethylamine

Concen: 67.095 ng

RT: 3.79 min Scan# 85

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

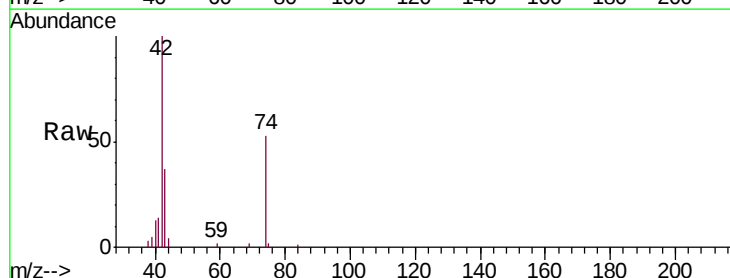
Tgt Ion: 42 Resp: 66918

Ion Ratio Lower Upper

42 100

74 53.0 119.3 178.9#

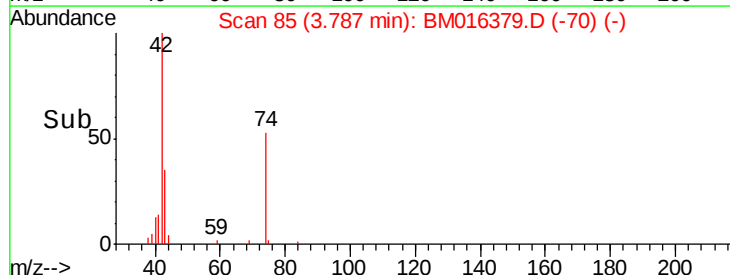
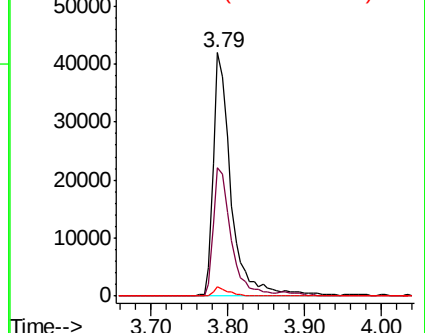
44 3.7 5.4 8.2#

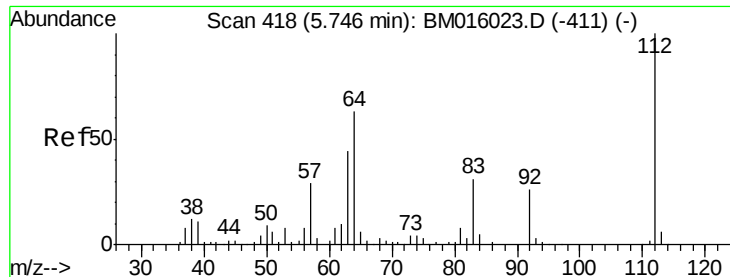


Abundance Ion 42.00 (41.70 to 42.70): BM016379.D (-70) (-)

Ion 74.00 (73.70 to 74.70): BM016379.D (-70) (-)

Ion 44.00 (43.70 to 44.70): BM016379.D (-70) (-)





#5

2-Fluorophenol

Concen: 67.095 ng

RT: 5.65 min Scan# 401

Delta R.T. 0.00 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Instrument :

BNA_M

ClientSampleId :

PB112017BSD

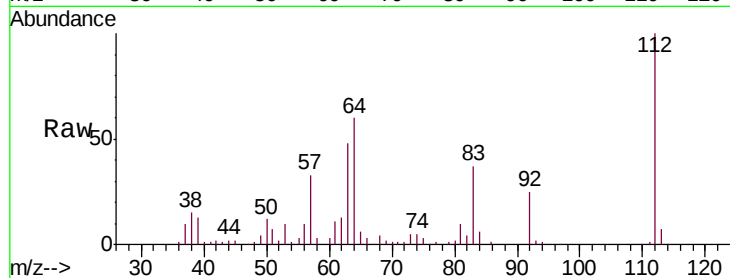
Tgt Ion: 112 Resp: 166110

Ion Ratio Lower Upper

112 100

64 60.3 38.6 57.8#

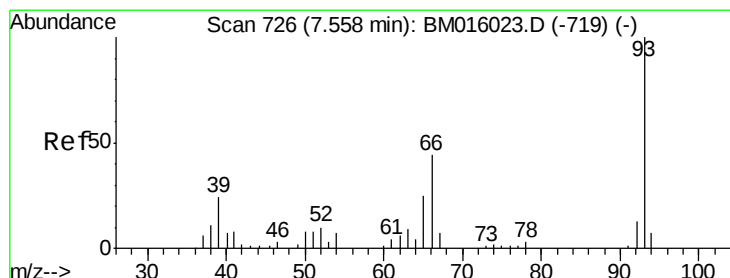
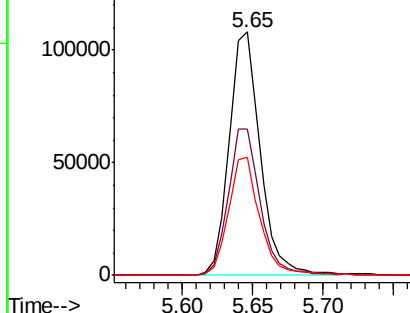
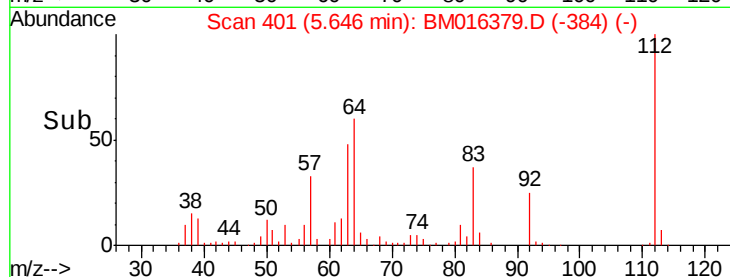
63 48.3 19.3 28.9#



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: 32.623 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

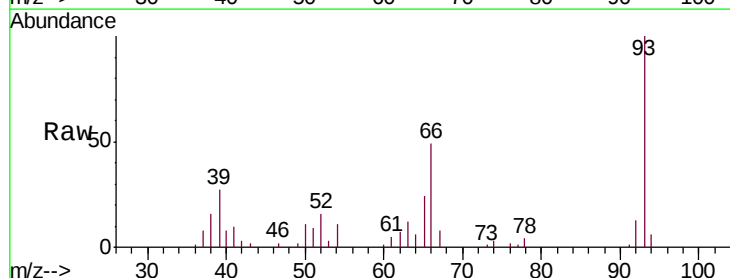
Tgt Ion: 93 Resp: 55573

Ion Ratio Lower Upper

93 100

66 49.3 30.8 46.2#

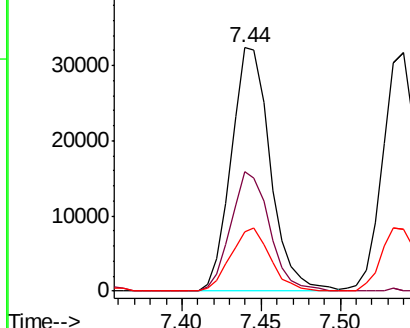
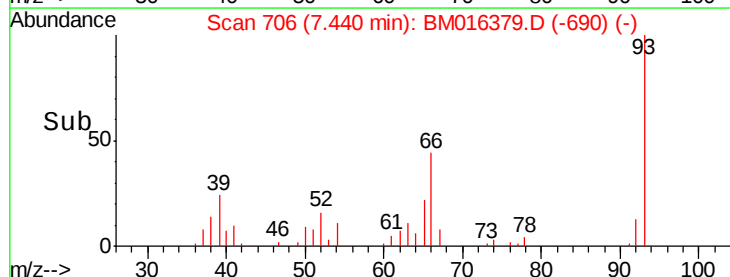
65 24.4 16.0 24.0#

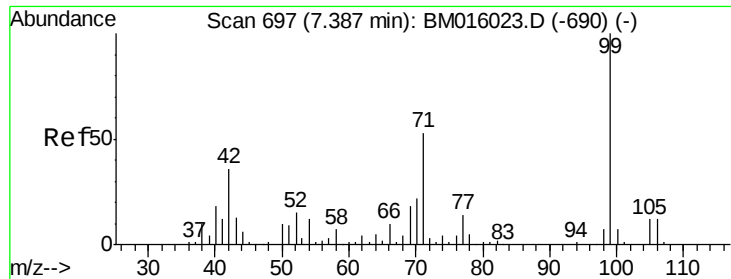


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 32.623 ng

RT: 7.29 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Instrument :

BNA_M

ClientSampleId :

PB112017BSD

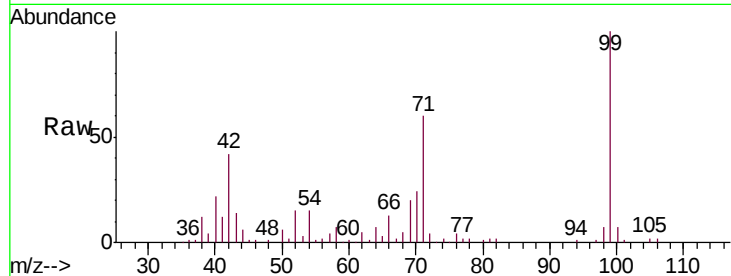
Tgt Ion: 99 Resp: 190399

Ion Ratio Lower Upper

99 100

42 41.7 11.0 16.4#

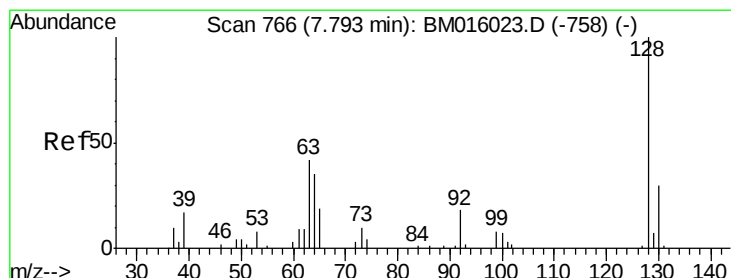
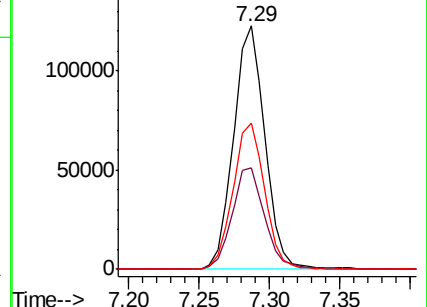
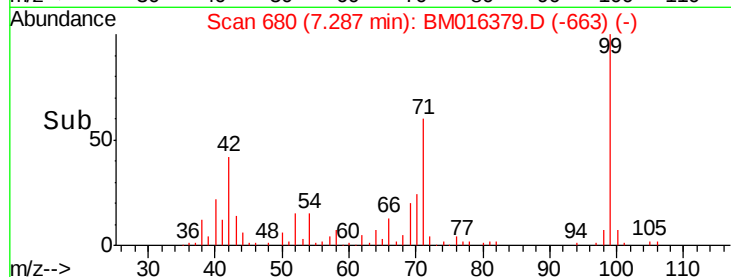
71 60.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016379.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016379.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016379.D (-663) (-)



#8

2-Chlorophenol

Concen: 45.759 ng

RT: 7.67 min Scan# 746

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

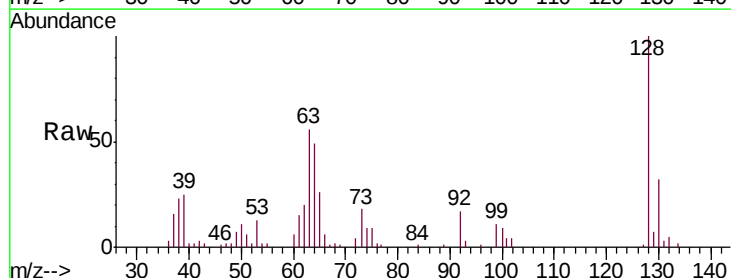
Tgt Ion: 128 Resp: 61613

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

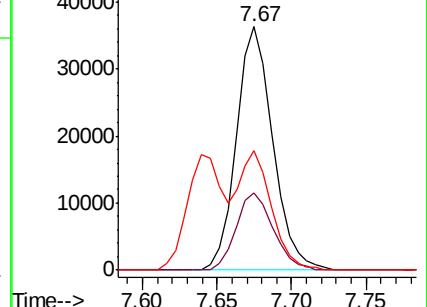
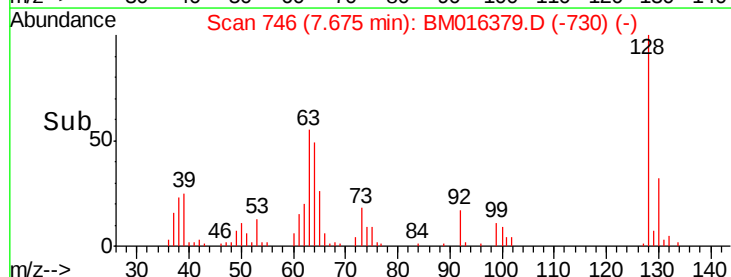
64 48.8 24.9 64.9

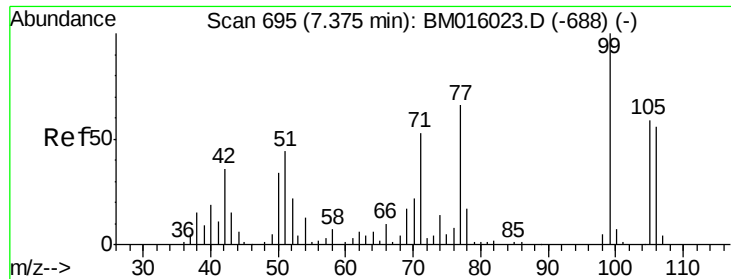


Abundance Ion 128.00 (127.70 to 128.70): BM016379.D (-730) (-)

Ion 130.00 (129.70 to 130.70): BM016379.D (-730) (-)

Ion 64.00 (63.70 to 64.70): BM016379.D (-730) (-)

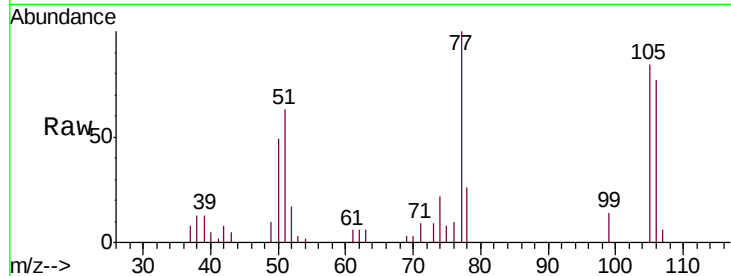




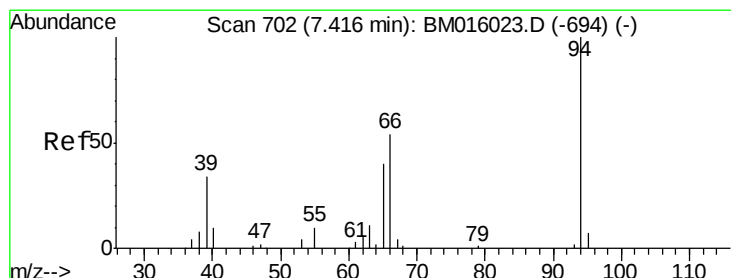
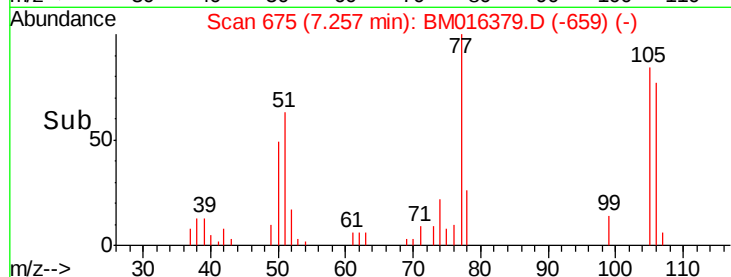
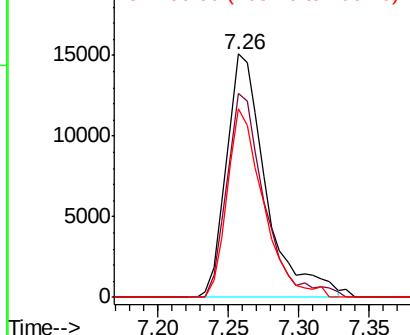
#9
Benzaldehyde
Concen: 28.402 ng
RT: 7.26 min Scan# 675
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

Instrument :
BNA_M
ClientSampleId :
PB112017BSD

Tgt Ion: 77 Resp: 29524
Ion Ratio Lower Upper
77 100
105 83.7 78.8 118.8
106 77.5 73.7 113.7

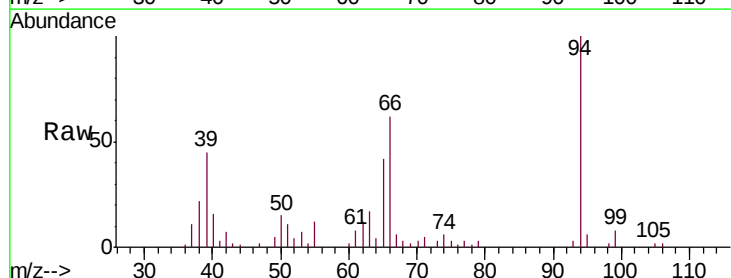


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

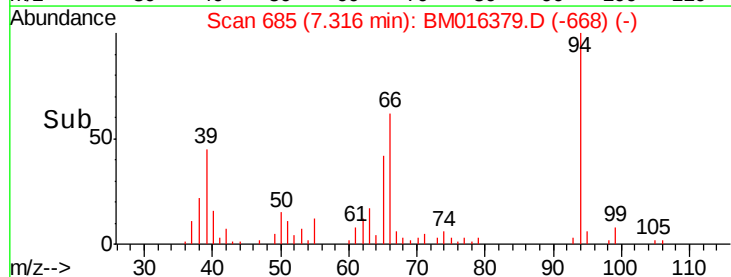
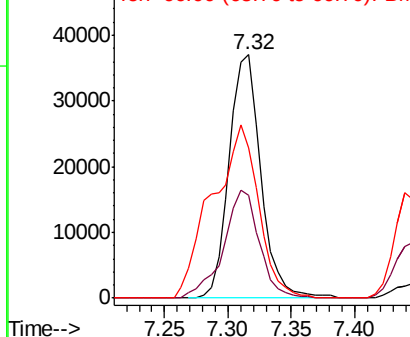


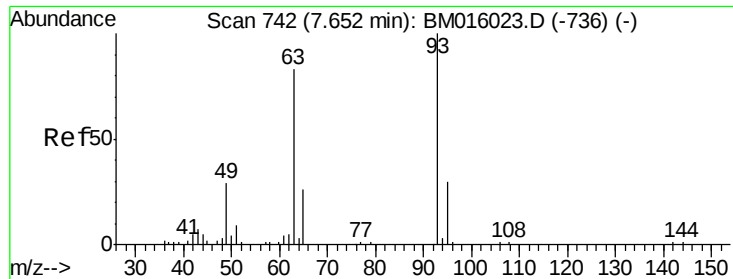
#10
Phenol
Concen: 43.342 ng
RT: 7.32 min Scan# 685
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

Tgt Ion: 94 Resp: 64121
Ion Ratio Lower Upper
94 100
65 42.4 18.8 58.8
66 61.9 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BM0
Ion 65.00 (64.70 to 65.70): BM0
Ion 66.00 (65.70 to 66.70): BM0

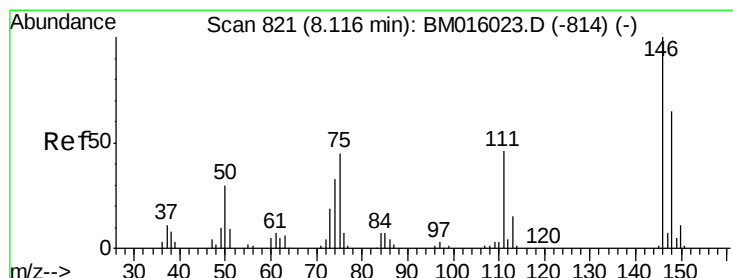
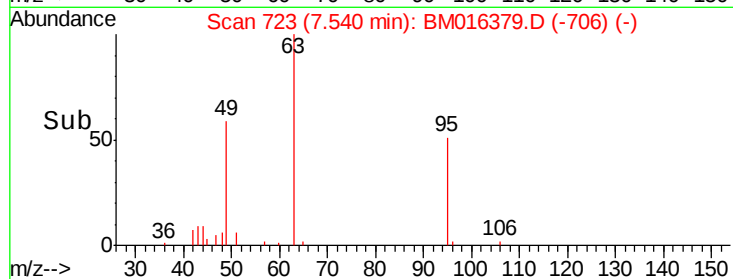
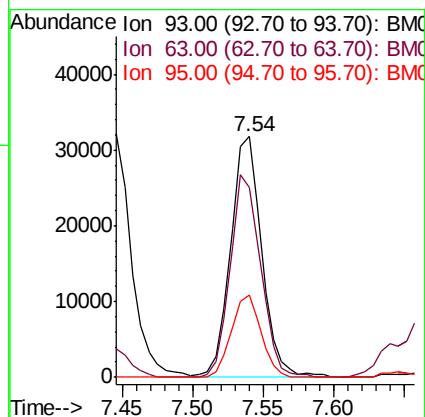
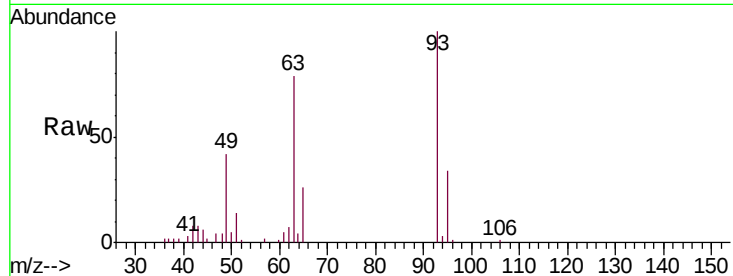




#11
 bis(2-Chloroethyl)ether
 Concen: 41.984 ng
 RT: 7.54 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

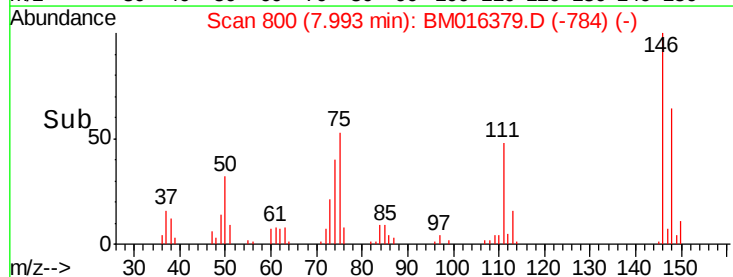
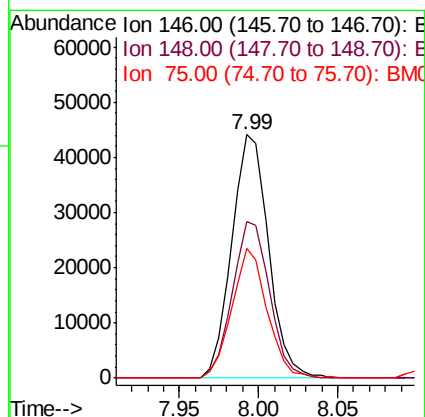
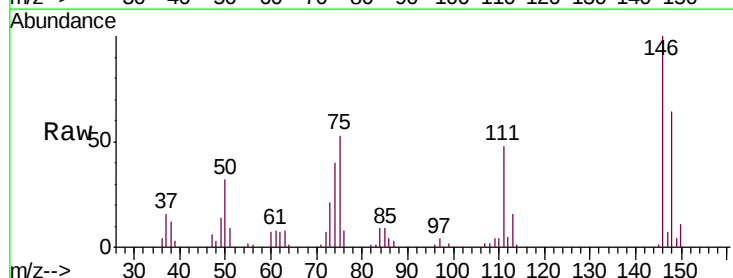
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

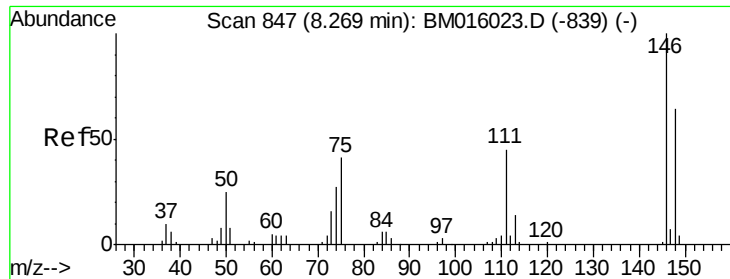
Tgt Ion: 93 Resp: 49068
 Ion Ratio Lower Upper
 93 100
 63 79.2 49.5 89.5
 95 34.4 13.5 53.5



#12
 1,3-Dichlorobenzene
 Concen: 45.067 ng
 RT: 7.99 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion: 146 Resp: 71028
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.9 76.3
 75 53.5 21.4 32.2#

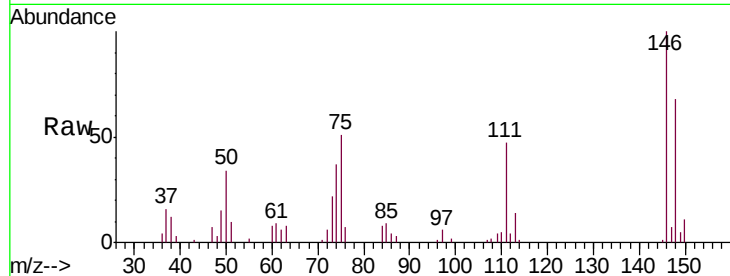




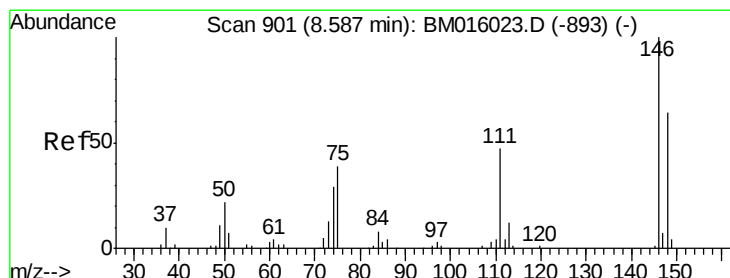
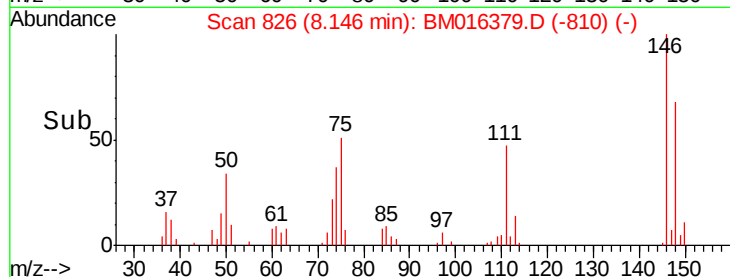
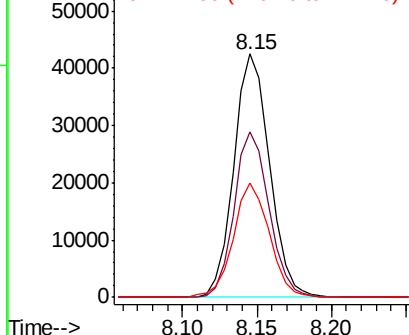
#13
 1,4-Dichlorobenzene
 Concen: 44.359 ng
 RT: 8.15 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

Tgt Ion:146 Resp: 70905
 Ion Ratio Lower Upper
 146 100
 148 67.8 51.9 77.9
 111 46.9 29.2 43.8#

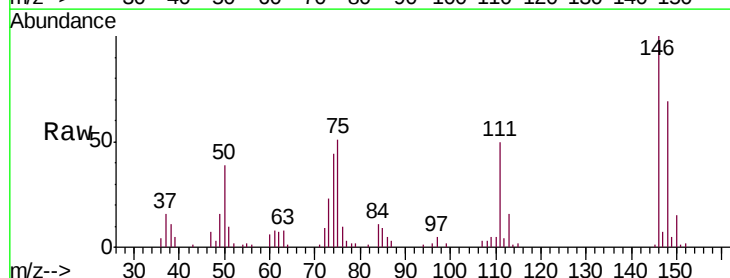


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

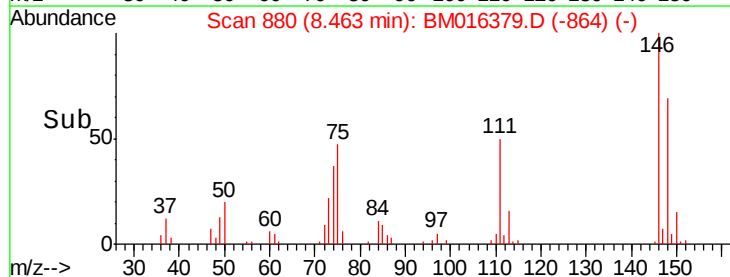
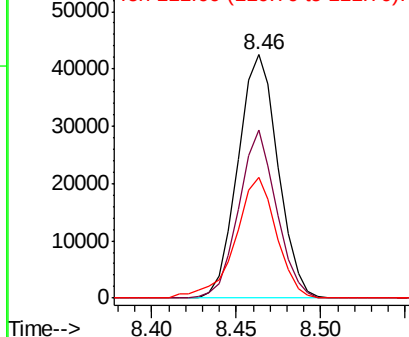


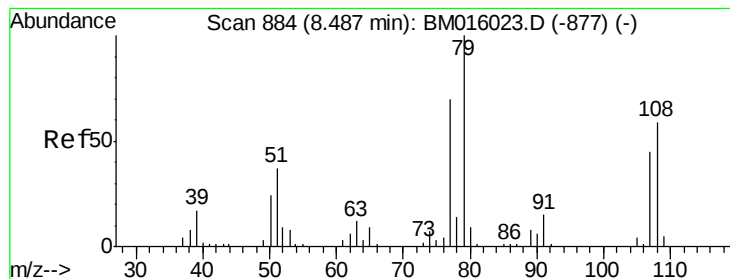
#14
 1,2-Dichlorobenzene
 Concen: 44.860 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion:146 Resp: 70162
 Ion Ratio Lower Upper
 146 100
 148 69.0 52.3 78.5
 111 49.8 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: 44.761 ng

RT: 8.37 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Instrument :

BNA_M

ClientSampleId :

PB112017BSD

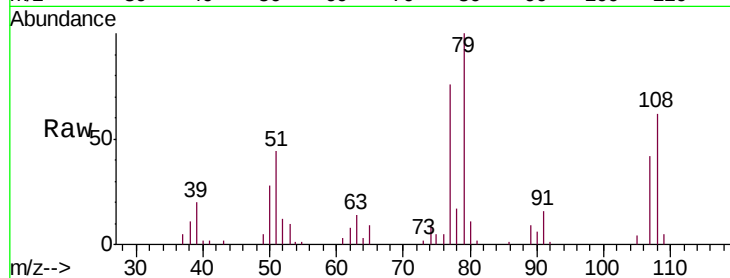
Tgt Ion: 79 Resp: 52731

Ion Ratio Lower Upper

79 100

108 62.1 65.0 97.4#

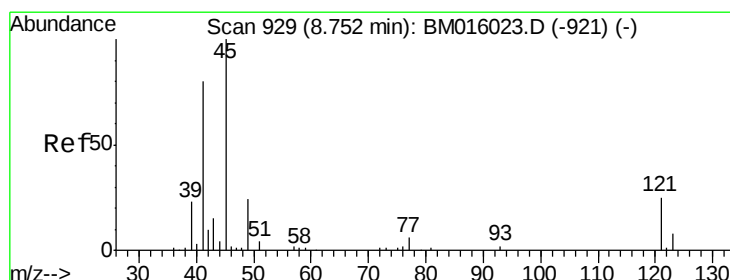
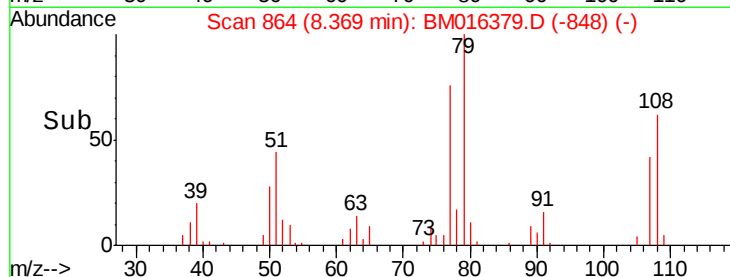
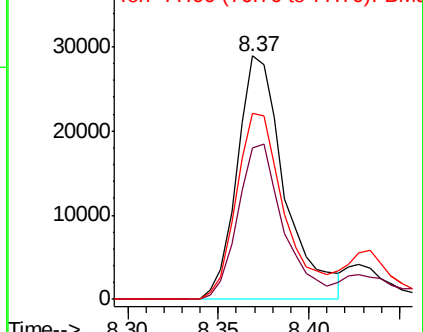
77 76.2 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM016023.D (-877) (-)

Ion 108.00 (107.70 to 108.70): BM016023.D (-877) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-877) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.129 ng

RT: 8.63 min Scan# 908

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

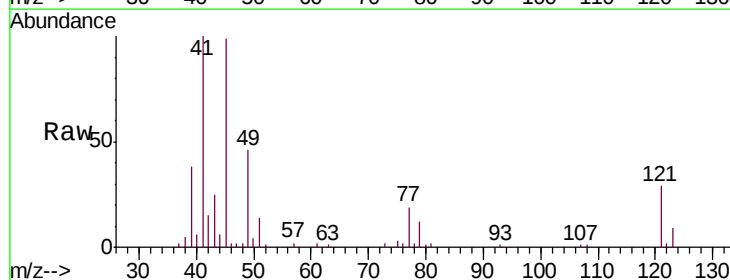
Tgt Ion: 45 Resp: 64625

Ion Ratio Lower Upper

45 100

77 19.4 0.0 35.2

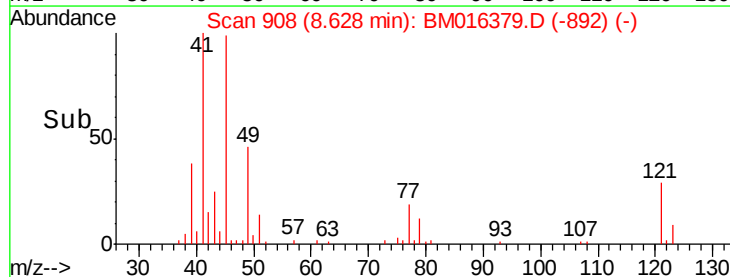
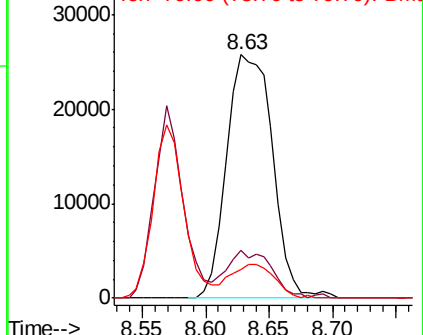
79 11.7 0.0 32.0

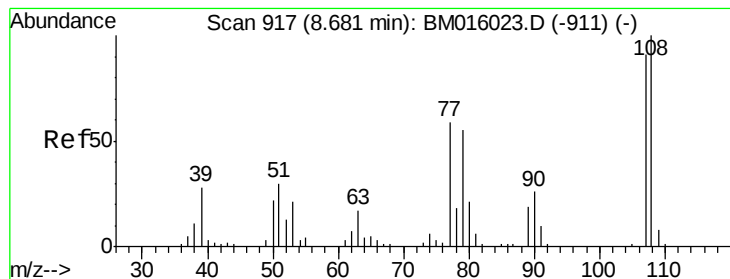


Abundance Ion 45.00 (44.70 to 45.70): BM016023.D (-921) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-921) (-)

Ion 79.00 (78.70 to 79.70): BM016023.D (-921) (-)





#17

2-Methylphenol

Concen: 44.150 ng

RT: 8.57 min Scan# 898

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

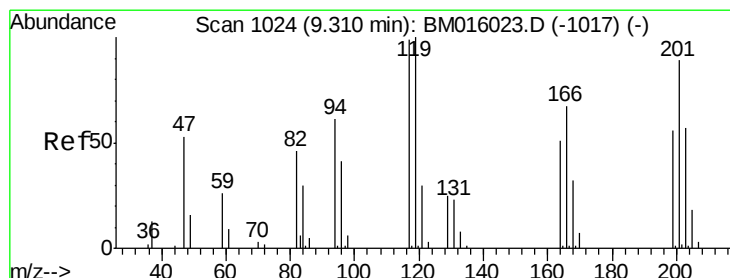
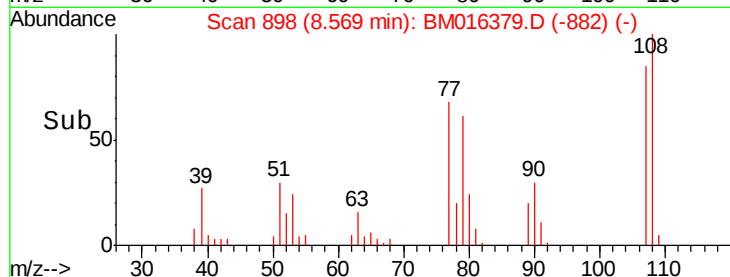
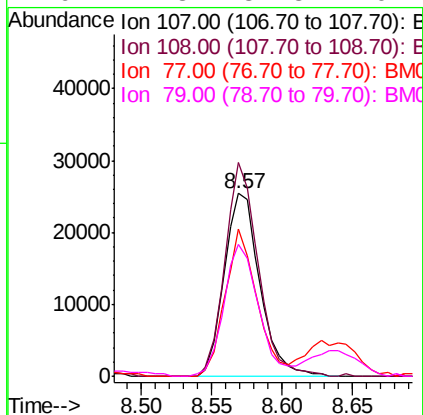
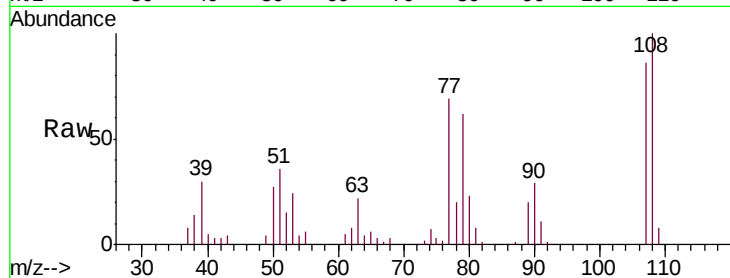
Instrument :

BNA_M

ClientSampleId :

PB112017BSD

Tgt Ion:	107	Resp:	44644
Ion	Ratio	Lower	Upper
107	100		
108	116.7	89.8	134.8
77	80.1	32.6	48.8#
79	72.3	32.8	49.2#



#18

Hexachloroethane

Concen: 52.065 ng

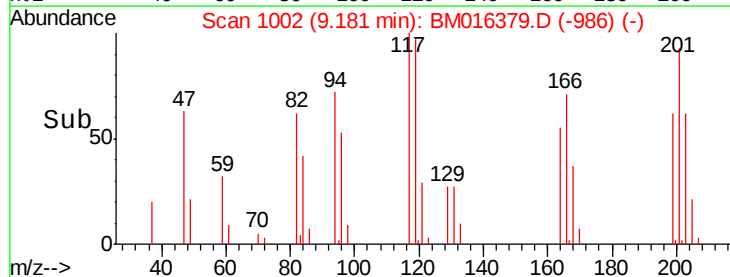
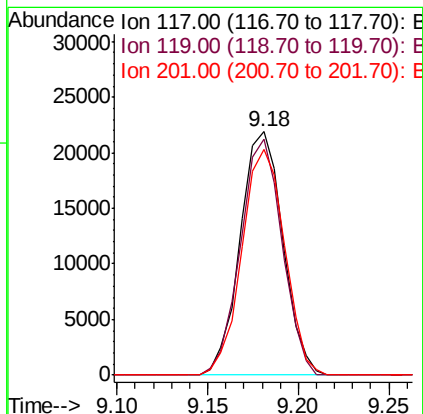
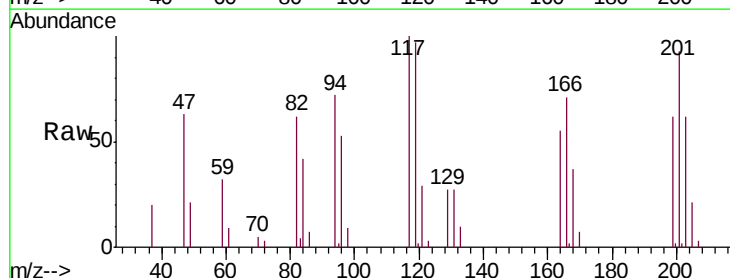
RT: 9.18 min Scan# 1002

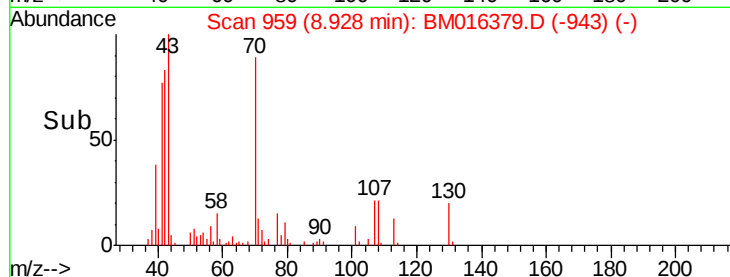
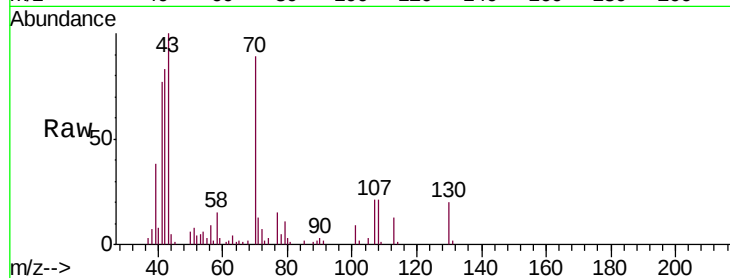
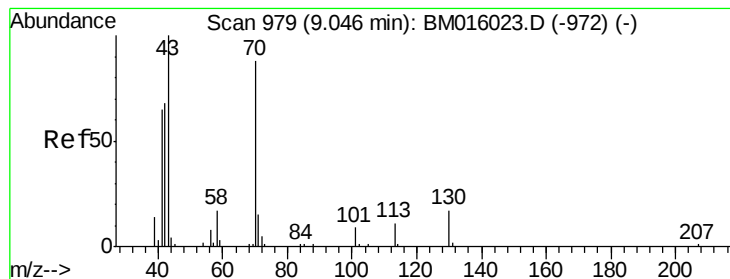
Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Tgt Ion:	117	Resp:	35974
Ion	Ratio	Lower	Upper
117	100		
119	97.0	79.2	118.8
201	92.9	69.8	104.6





#19

n-Nitroso-di-n-propylamine

Concen: 40.835 ng

RT: 8.93 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Instrument :

BNA_M

ClientSampleId :

PB112017BSD

Tgt Ion: 70 Resp: 44159

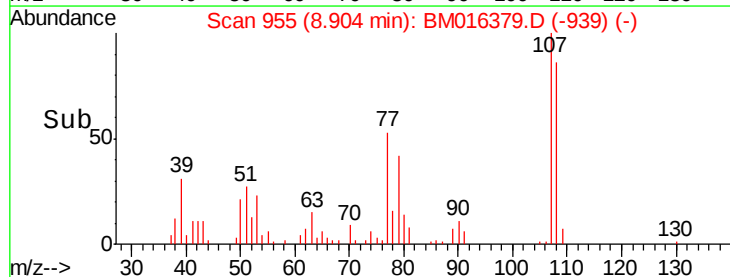
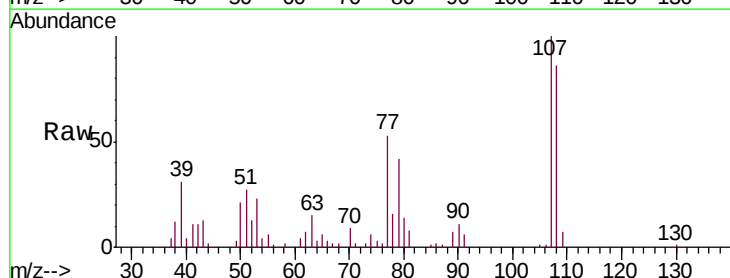
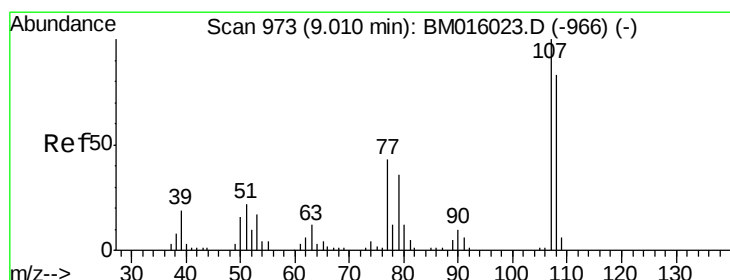
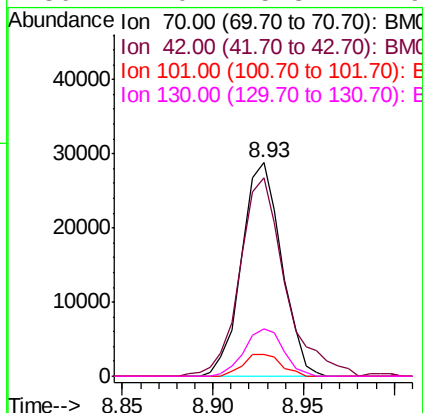
Ion Ratio Lower Upper

70 100

42 93.0 44.5 66.7#

101 10.1 7.4 11.2

130 22.0 15.3 22.9



#20

3+4-Methylphenols

Concen: 40.438 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Tgt Ion: 107 Resp: 58831

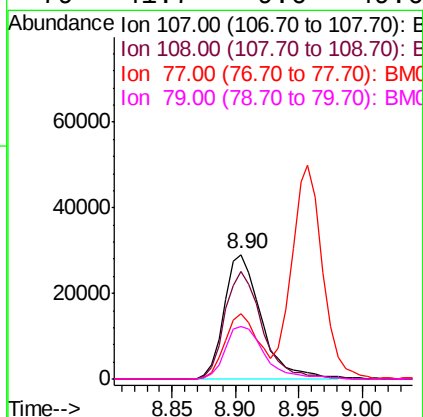
Ion Ratio Lower Upper

107 100

108 85.9 73.2 113.2

77 52.5 10.7 50.7#

79 41.7 9.6 49.6

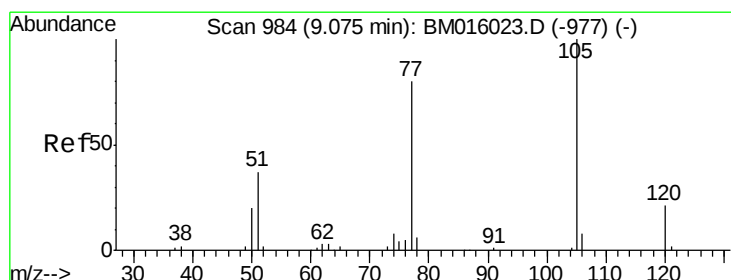
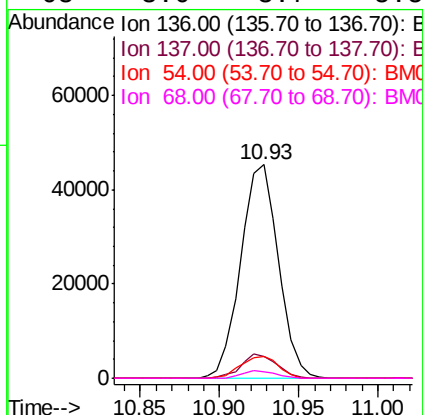
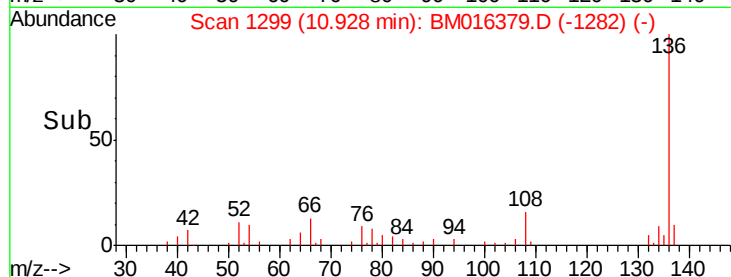
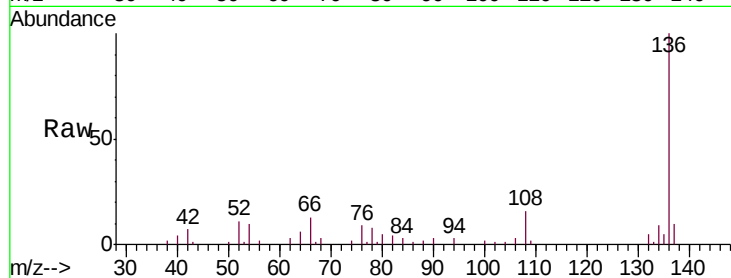




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

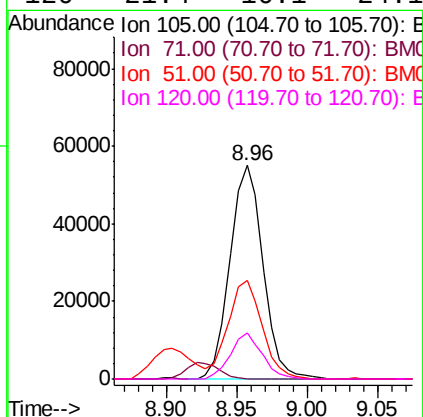
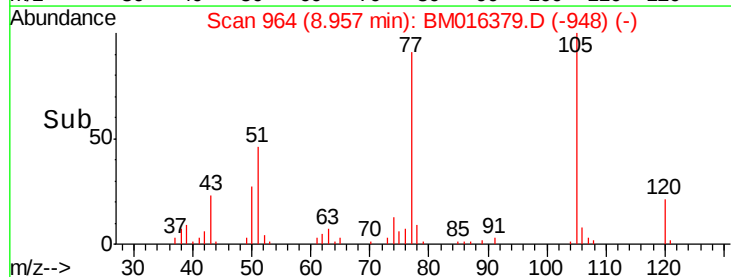
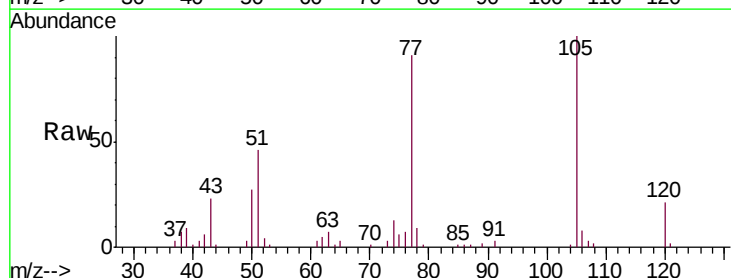
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

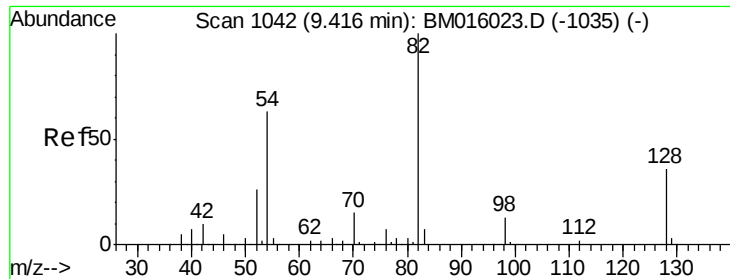
Tgt Ion:	136	Resp:	74962
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	10.2	4.6	6.8#
68	3.0	3.7	5.5#



#22
Acetophenone
Concen: 47.664 ng
RT: 8.96 min Scan# 964
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

Tgt Ion:	105	Resp:	89968
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	46.4	21.6	32.4#
120	21.4	16.1	24.1

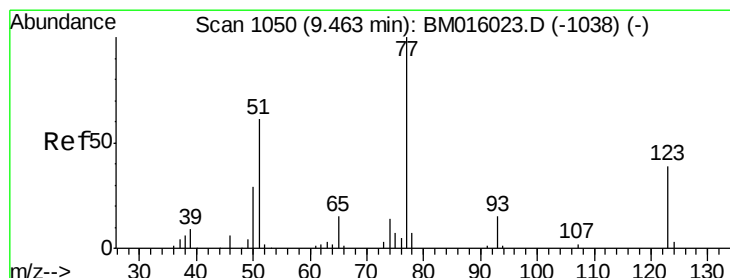
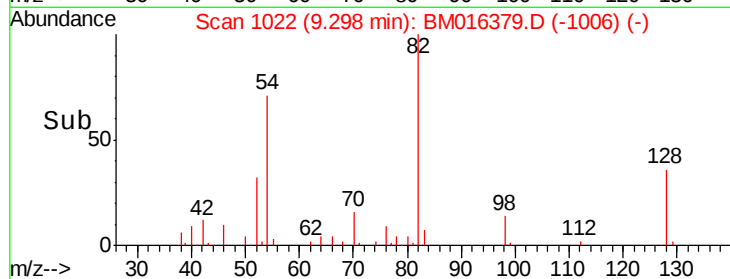
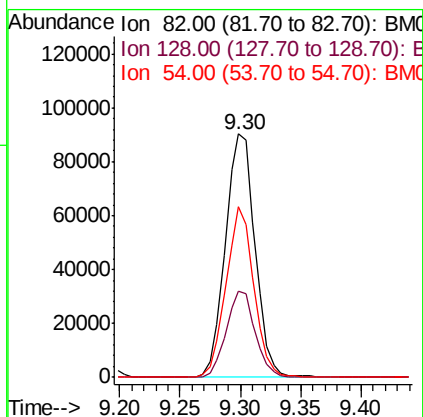
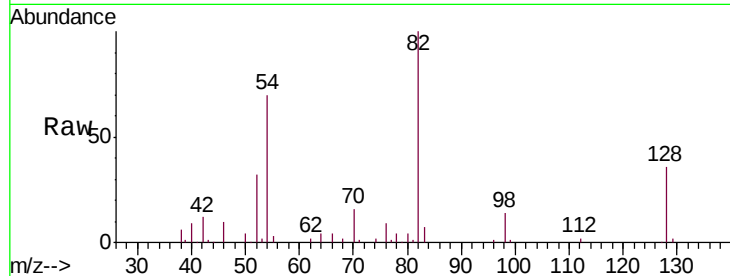




#23
 Nitrobenzene-d5
 Concen: 47.664 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

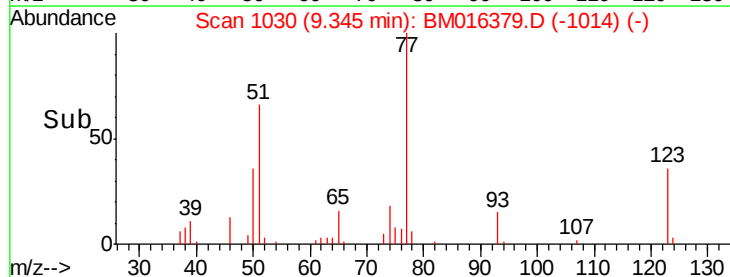
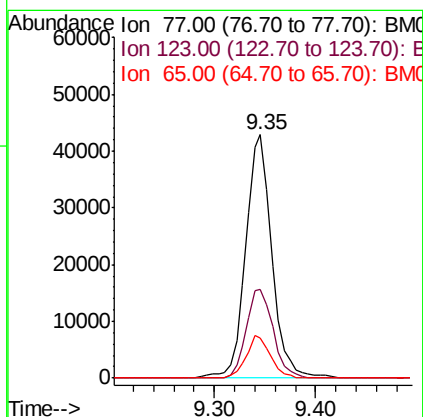
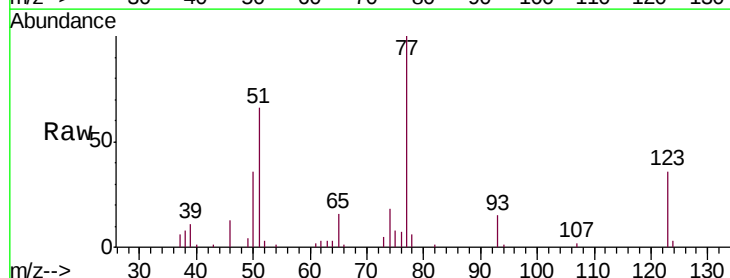
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

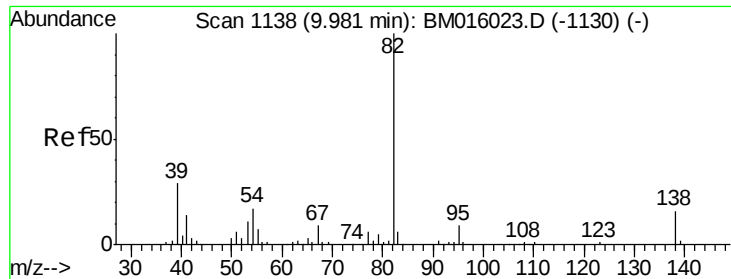
Tgt Ion: 82 Resp: 154363
 Ion Ratio Lower Upper
 82 100
 128 35.6 32.8 49.2
 54 70.1 40.6 60.8#



#24
 Nitrobenzene
 Concen: 47.335 ng
 RT: 9.35 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion: 77 Resp: 76792
 Ion Ratio Lower Upper
 77 100
 123 36.4 32.6 49.0
 65 16.5 10.9 16.3#

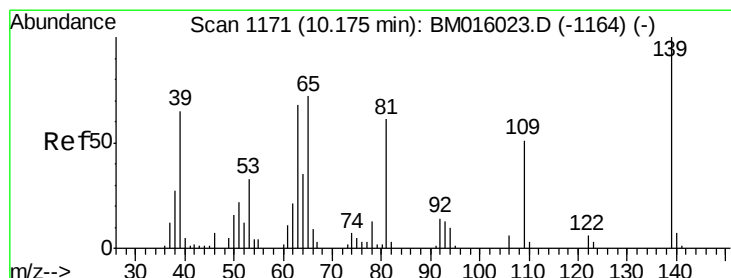
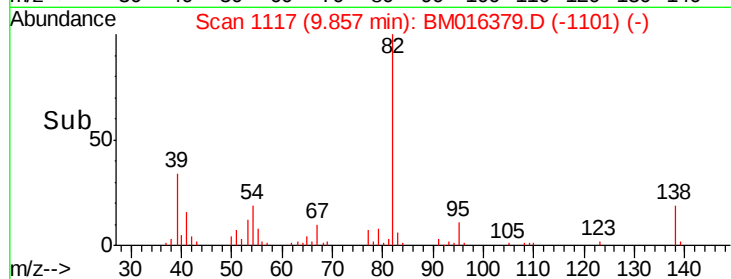
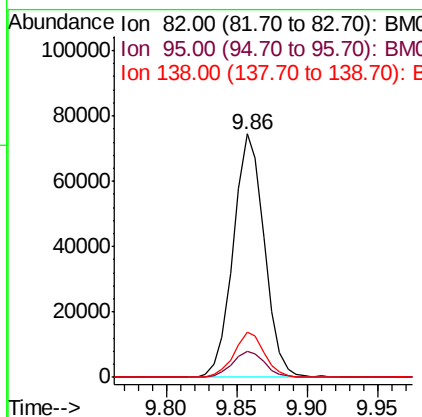
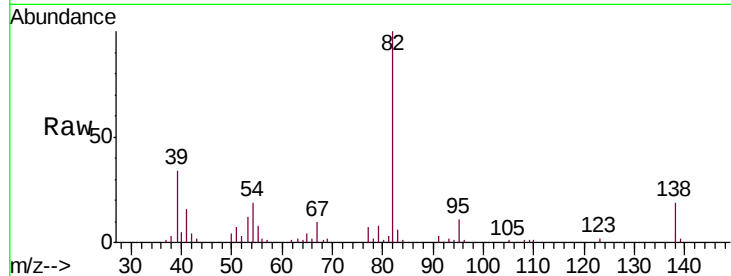




#25
Isophorone
Concen: 51.787 ng
RT: 9.86 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

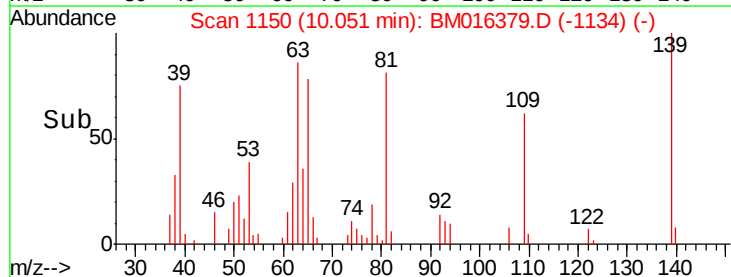
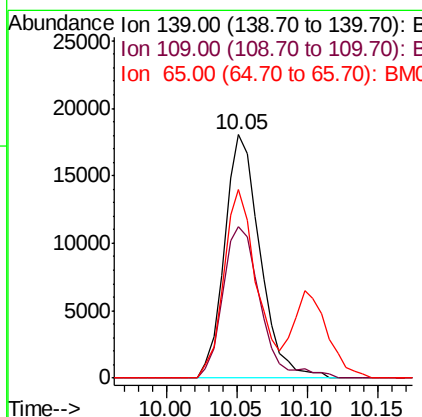
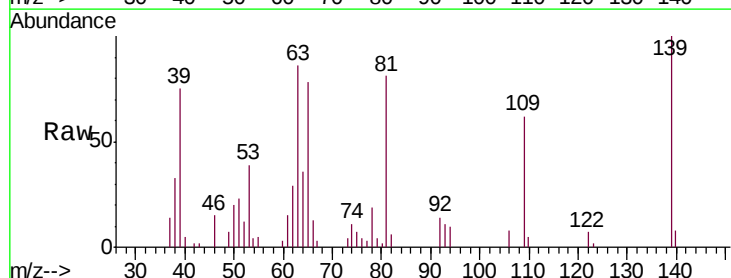
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

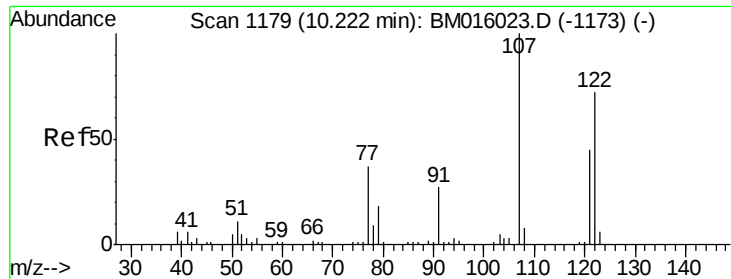
Tgt Ion: 82 Resp: 114168
Ion Ratio Lower Upper
82 100
95 10.9 5.8 8.6#
138 18.5 16.3 24.5



#26
2-Nitrophenol
Concen: 46.695 ng
RT: 10.05 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

Tgt Ion: 139 Resp: 31623
Ion Ratio Lower Upper
139 100
109 62.2 20.1 30.1#
65 77.6 31.5 47.3#

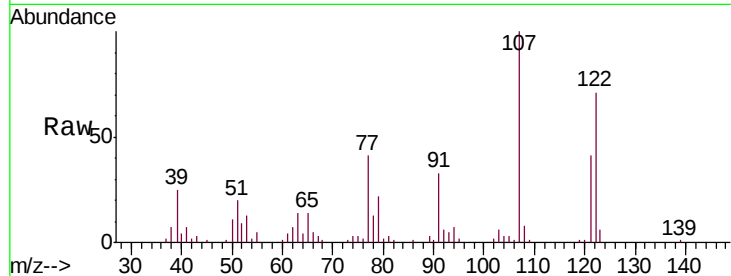




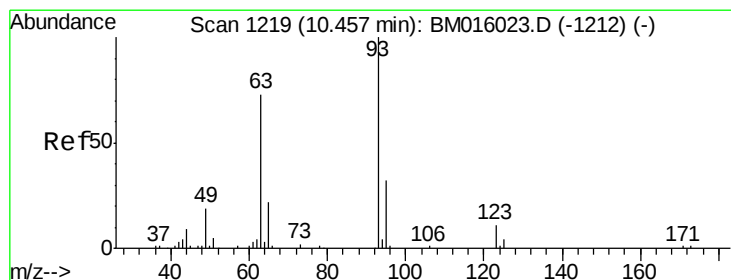
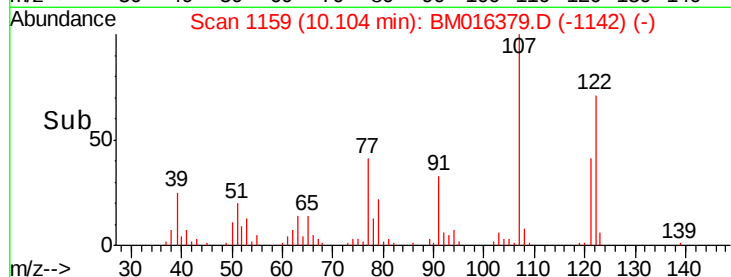
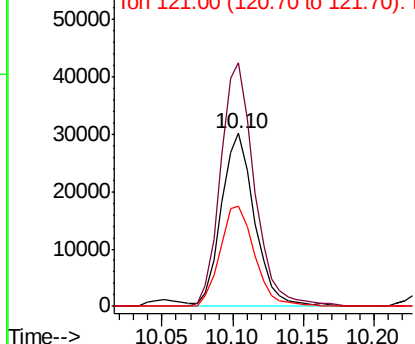
#27
 2,4-Dimethylphenol
 Concen: 52.798 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

Tgt Ion: 122 Resp: 49815
 Ion Ratio Lower Upper
 122 100
 107 141.1 84.7 127.1#
 121 58.0 46.6 69.8

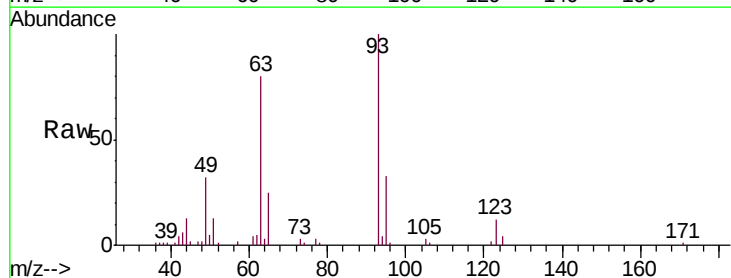


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

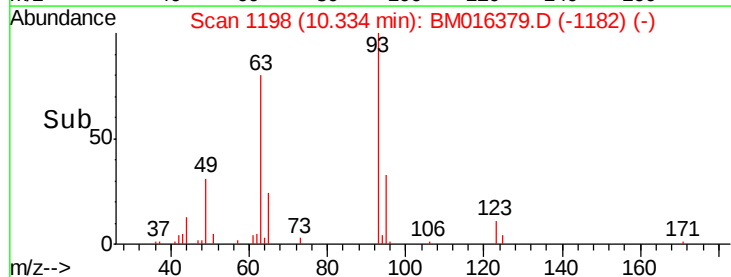
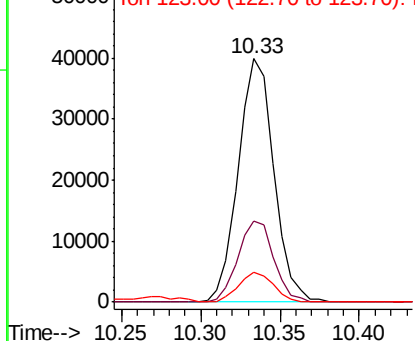


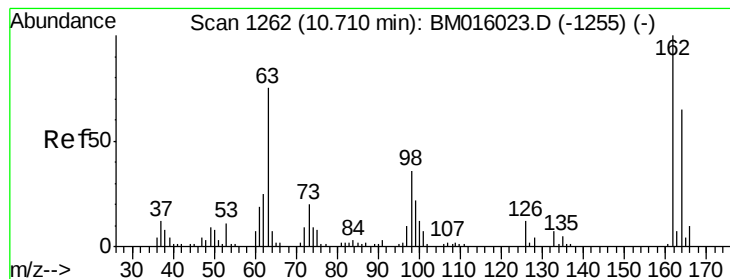
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.523 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion: 93 Resp: 62362
 Ion Ratio Lower Upper
 93 100
 95 33.3 25.5 38.3
 123 12.2 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: 48.314 ng

RT: 10.59 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Instrument :

BNA_M

ClientSampleId :

PB112017BSD

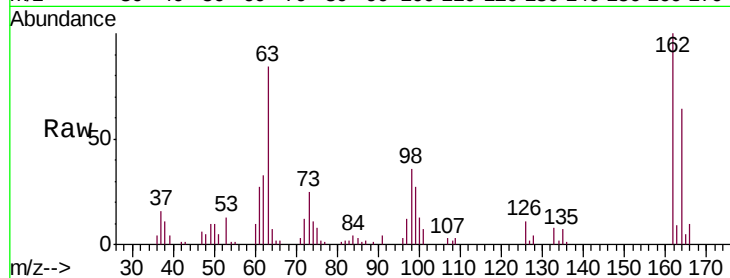
Tgt Ion:162 Resp: 54167

Ion Ratio Lower Upper

162 100

164 64.3 42.8 82.8

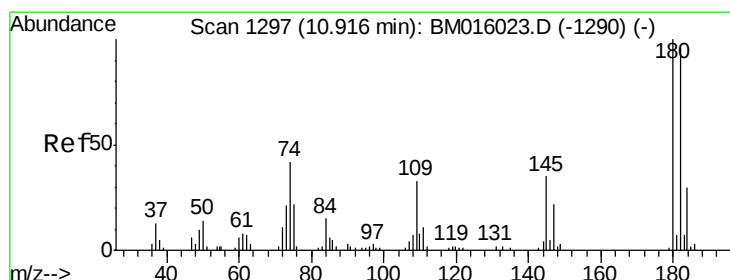
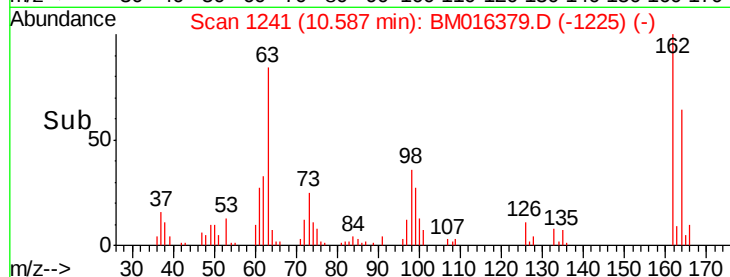
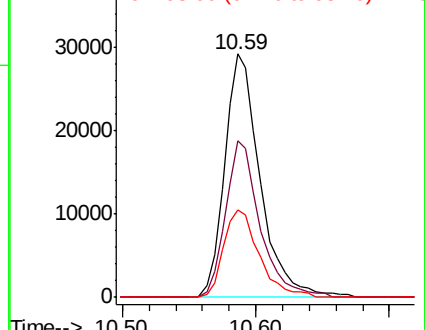
98 35.8 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 47.068 ng

RT: 10.79 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

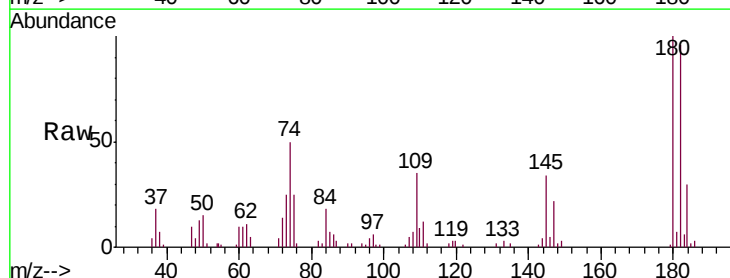
Tgt Ion:180 Resp: 64117

Ion Ratio Lower Upper

180 100

182 95.5 77.6 116.4

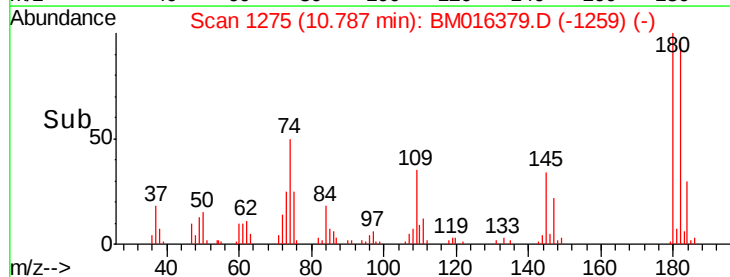
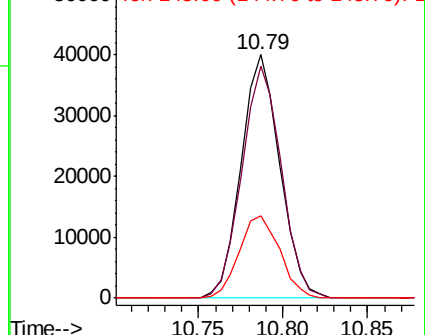
145 33.9 23.4 35.2

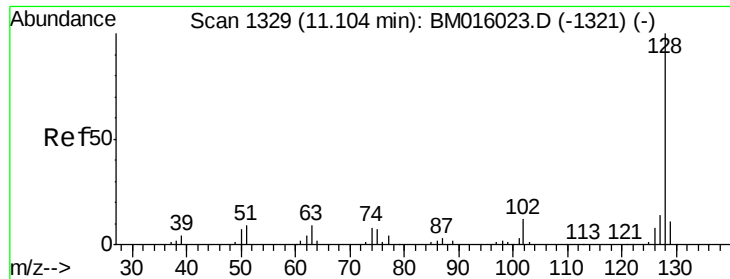


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

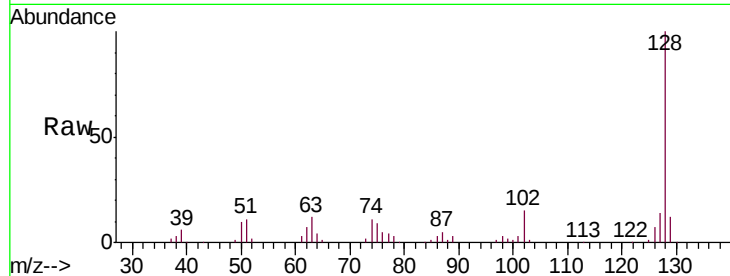




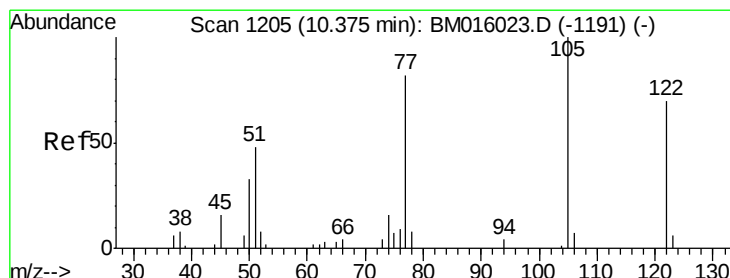
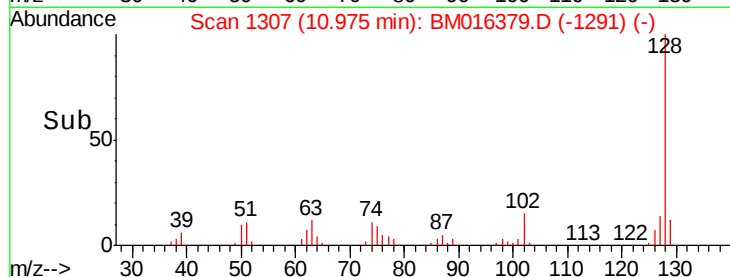
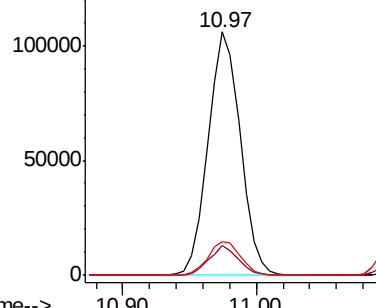
#31
Naphthalene
Concen: 46.692 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

Instrument :
BNA_M
ClientSampleId :
PB112017BSD

Tgt Ion:128 Resp: 177146
Ion Ratio Lower Upper
128 100
129 12.1 8.9 13.3
127 13.8 10.4 15.6

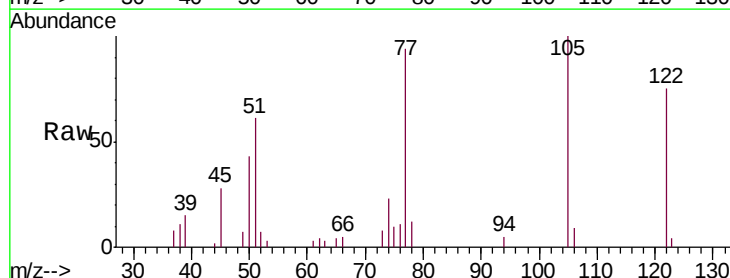


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

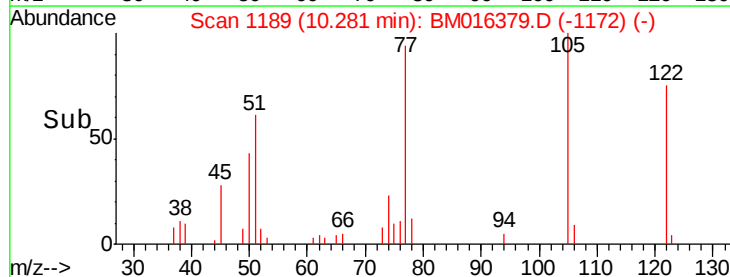
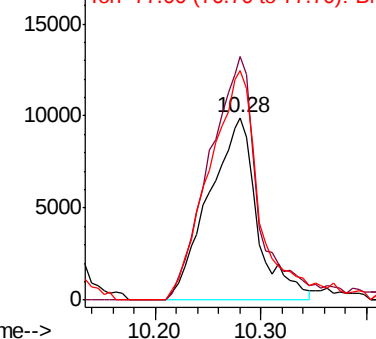


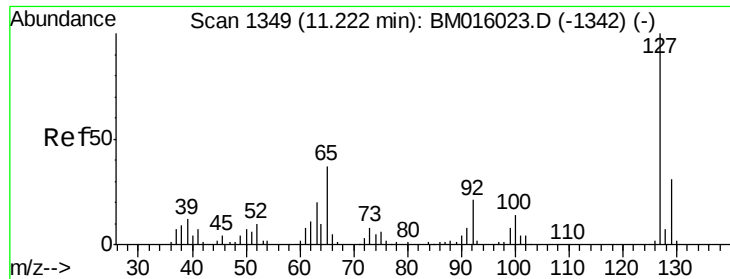
#32
Benzoic acid
Concen: 44.057 ng
RT: 10.28 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

Tgt Ion:122 Resp: 31687
Ion Ratio Lower Upper
122 100
105 133.6 99.9 139.9
77 126.2 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

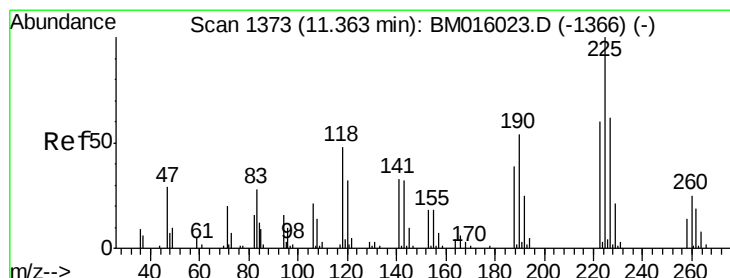
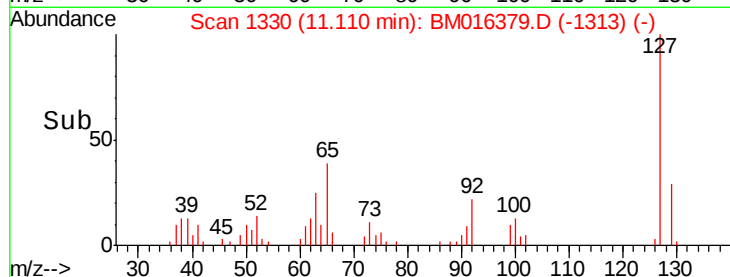
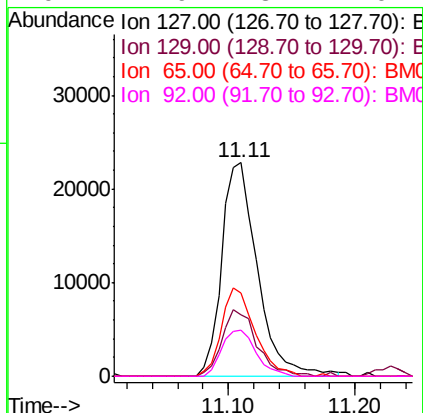
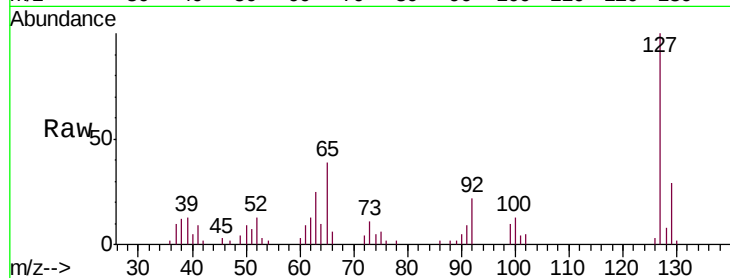




#33
4-Chloroaniline
Concen: 28.807 ng
RT: 11.11 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

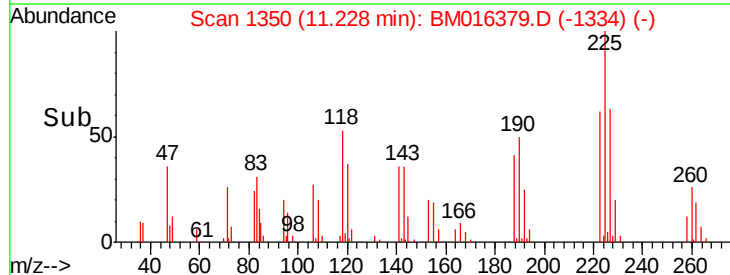
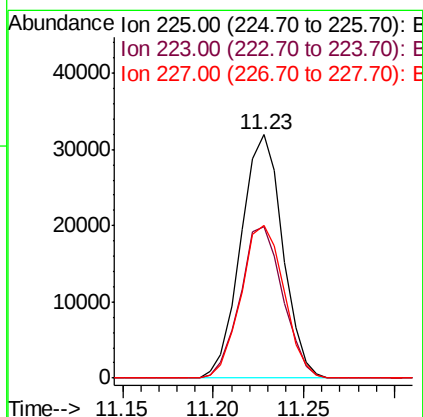
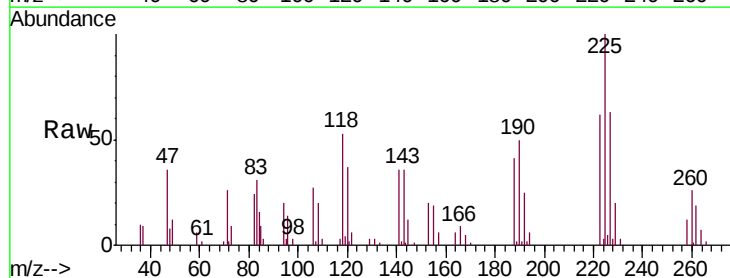
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

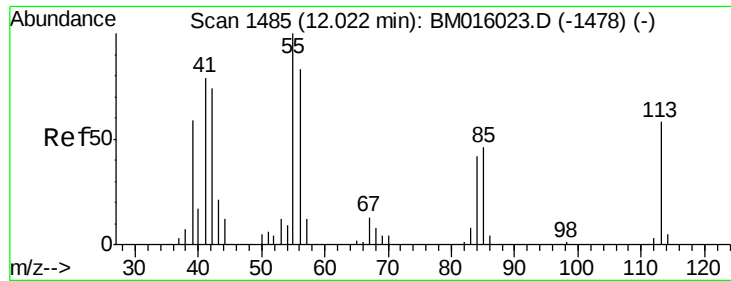
Tgt Ion	Ratio	Lower	Upper
127	100		
129	28.9	25.3	37.9
65	38.9	17.6	26.4
92	21.9	13.1	19.7



#34
Hexachlorobutadiene
Concen: 54.336 ng
RT: 11.23 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	47.9	71.9
227	62.5	50.1	75.1





#35

Caprolactam

Concen: 39.669 ng

RT: 11.92 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Instrument :

BNA_M

ClientSampleId :

PB112017BSD

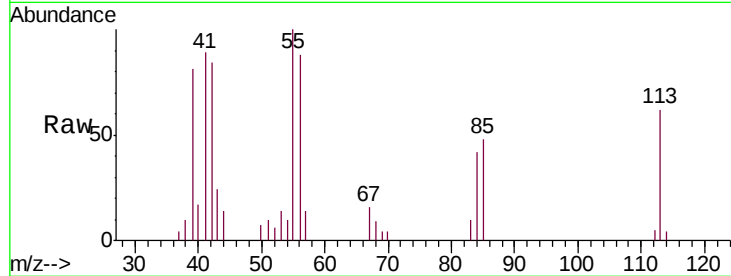
Tgt Ion:113 Resp: 12318

Ion Ratio Lower Upper

113 100

55 162.4 145.9 185.9

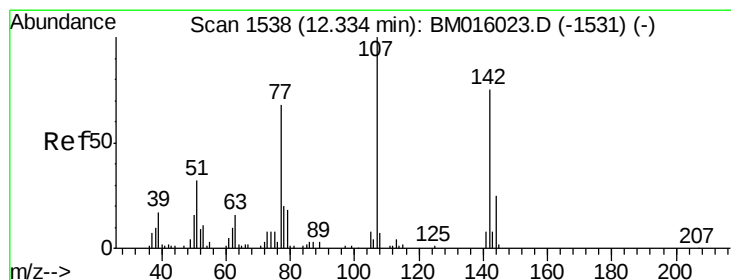
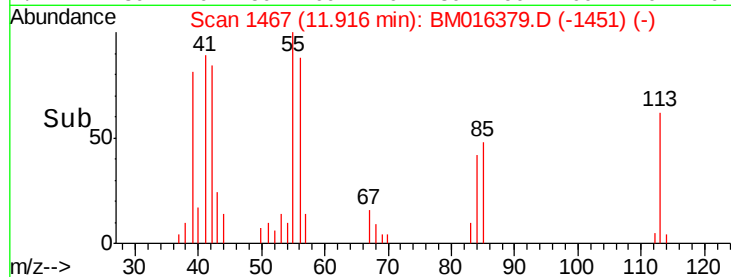
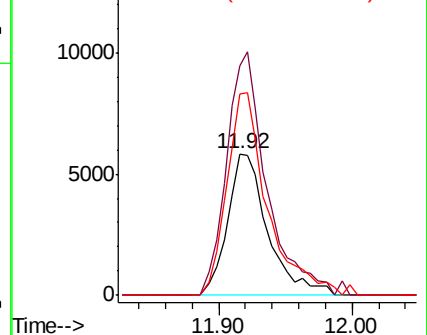
56 142.3 101.0 141.0#



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: 44.782 ng

RT: 12.23 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

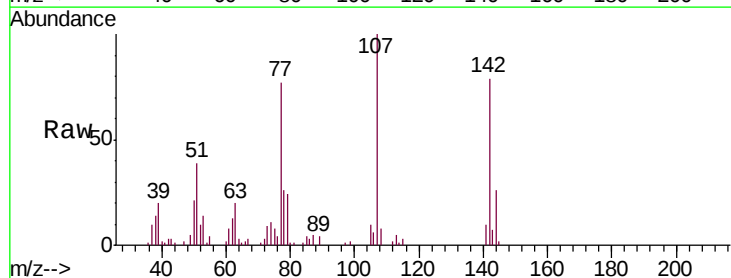
Tgt Ion:107 Resp: 55222

Ion Ratio Lower Upper

107 100

144 25.6 23.3 34.9

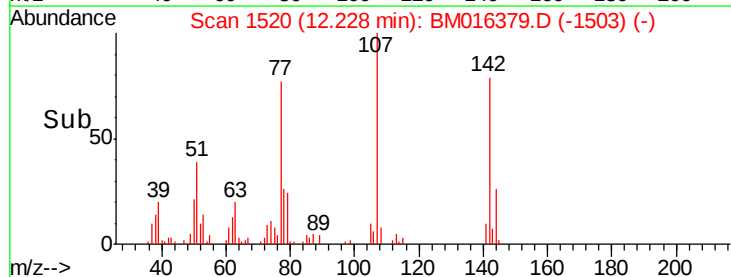
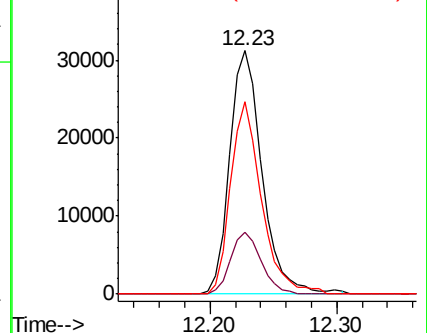
142 79.1 72.6 109.0

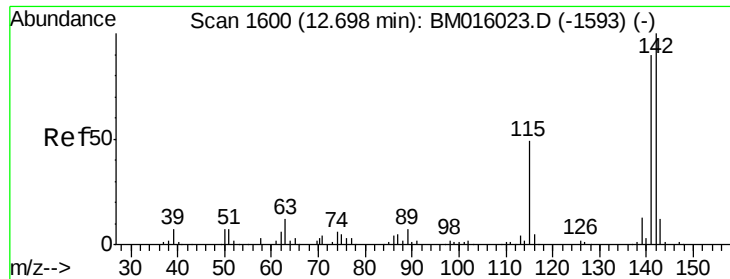


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

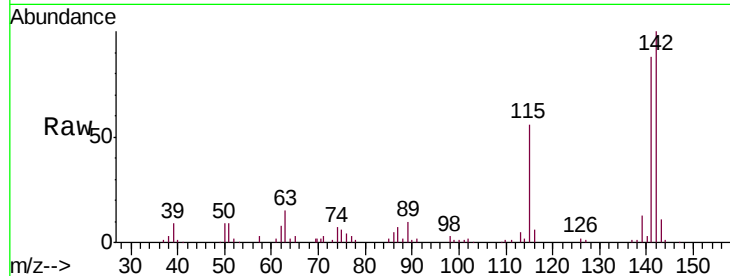




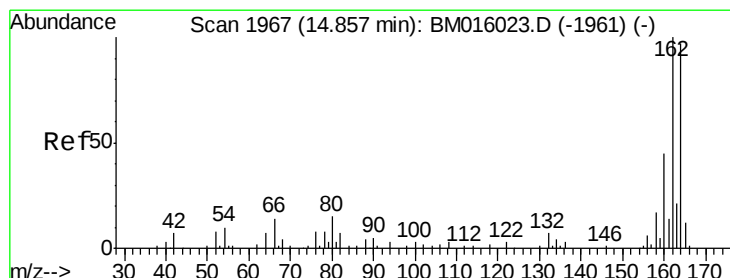
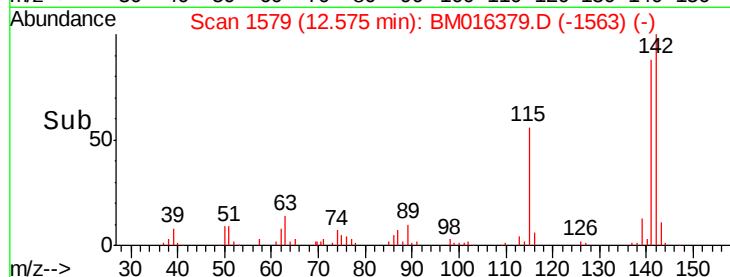
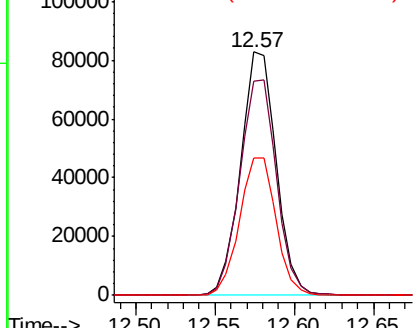
#37
 2-Methylnaphthalene
 Concen: 50.771 ng
 RT: 12.57 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Instrument :
 BNA_M
 ClientSampleID :
 PB112017BSD

Tgt Ion:142 Resp: 129031
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.9 107.9
 115 56.5 25.4 38.0#

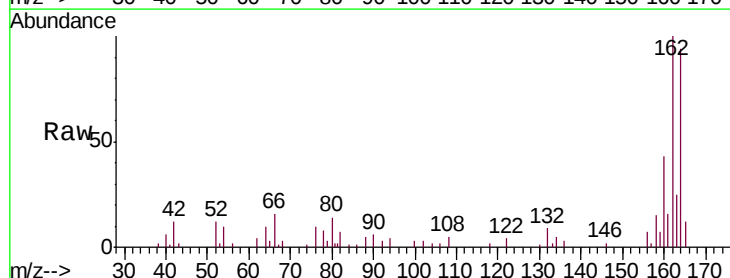


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

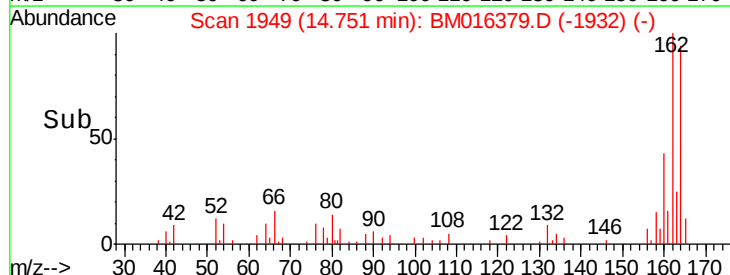
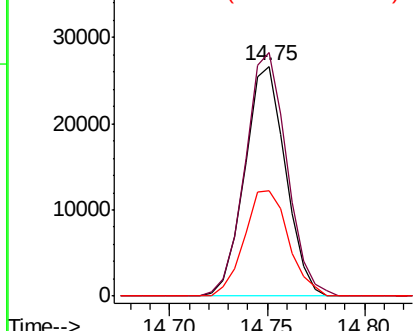


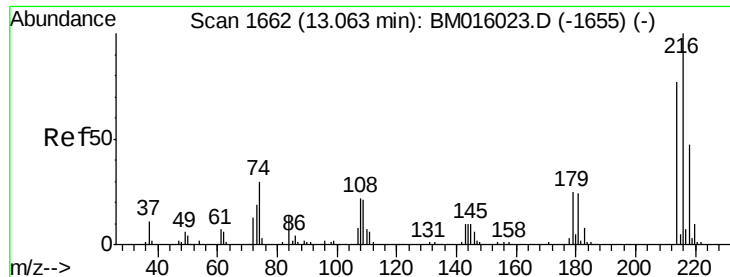
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion:164 Resp: 38583
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.4 123.6
 160 45.8 35.8 53.6



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

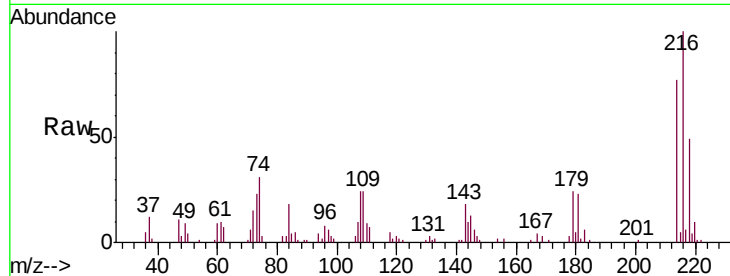




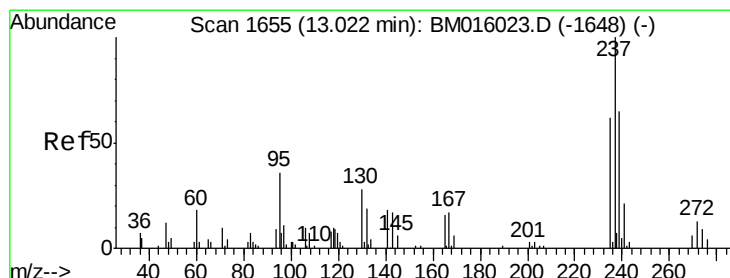
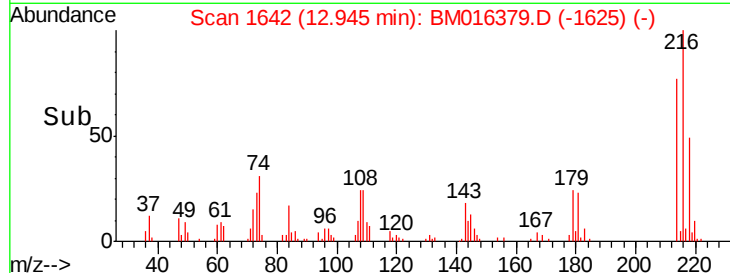
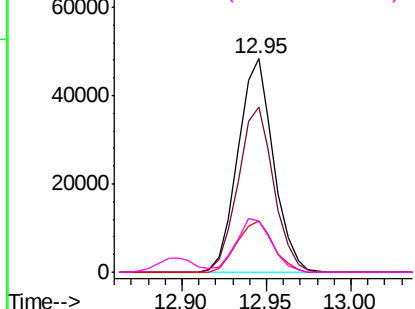
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.935 ng
 RT: 12.95 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

Tgt Ion:	216	Resp:	70847
Ion	Ratio	Lower	Upper
216	100		
214	77.3	0.0	0.0#
179	24.6	0.0	0.0#
108	25.4	0.0	0.0#

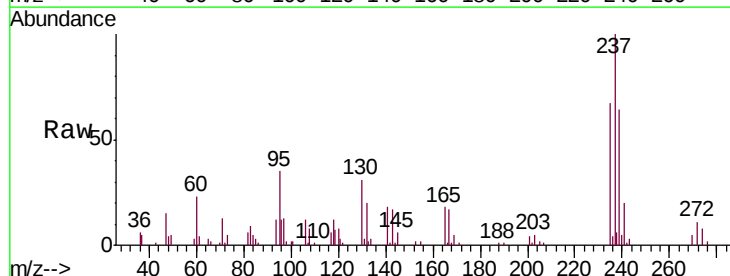


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

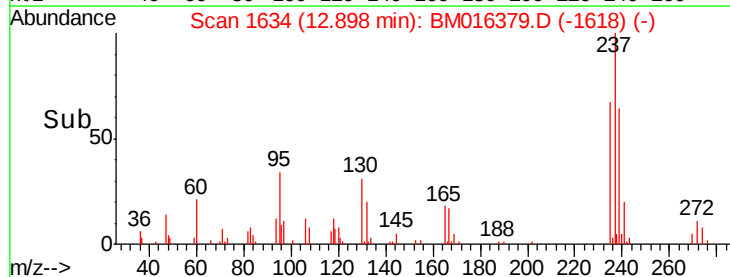
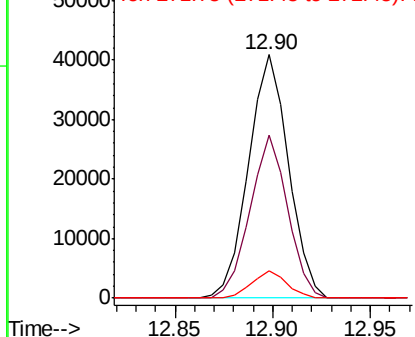


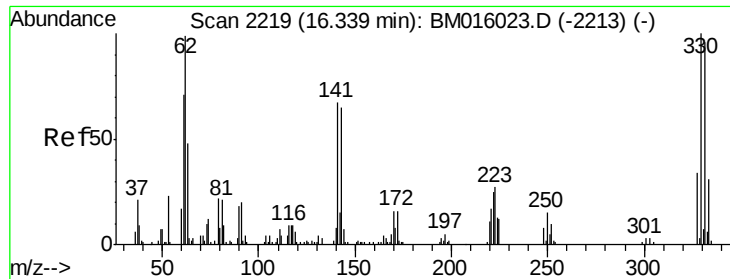
#40
 Hexachlorocyclopentadiene
 Concen: 88.810 ng
 RT: 12.90 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion:	237	Resp:	57864
Ion	Ratio	Lower	Upper
237	100		
235	66.7	42.0	82.0
272	11.1	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

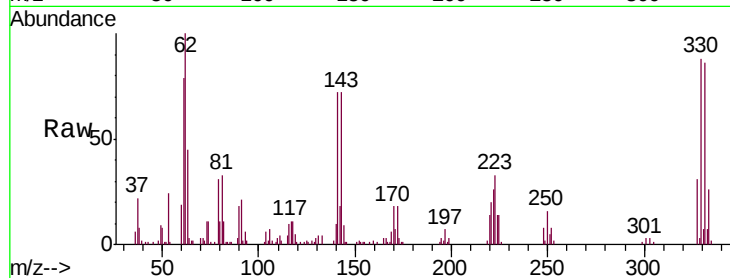




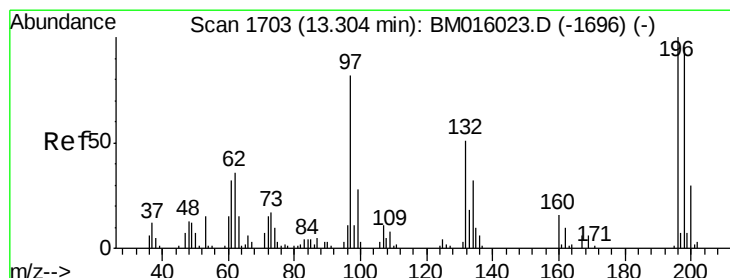
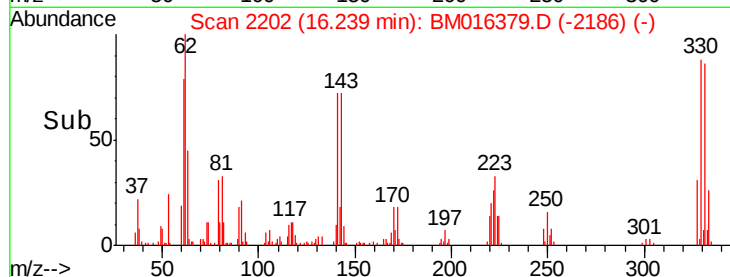
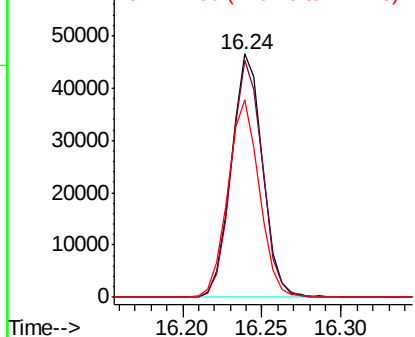
#41
 2,4,6-Tribromophenol
 Concen: 88.810 ng
 RT: 16.24 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

Tgt Ion:330 Resp: 63393
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 82.2 0.0 0.0#

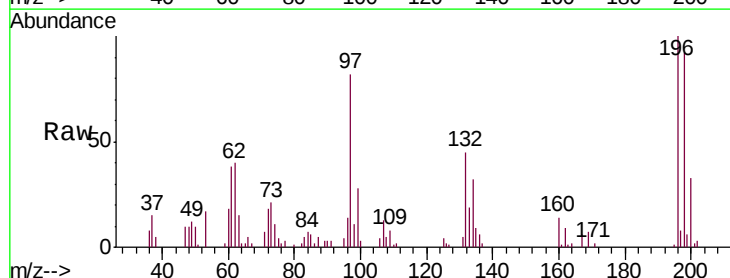


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

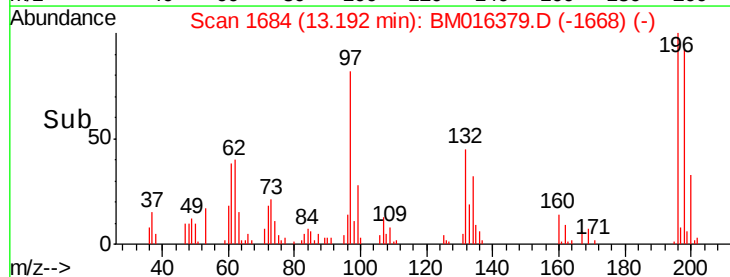
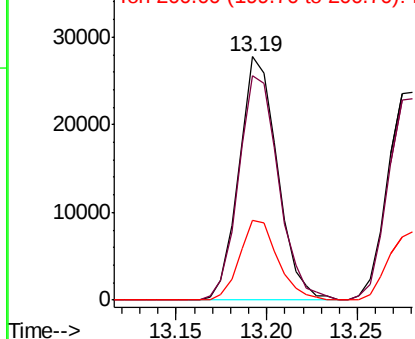


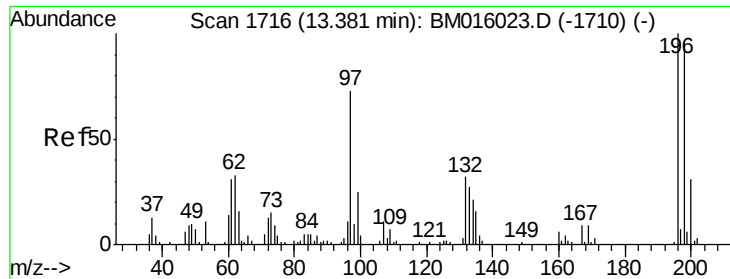
#42
 2,4,6-Trichlorophenol
 Concen: 49.800 ng
 RT: 13.19 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion:196 Resp: 40927
 Ion Ratio Lower Upper
 196 100
 198 92.1 76.3 114.5
 200 32.5 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

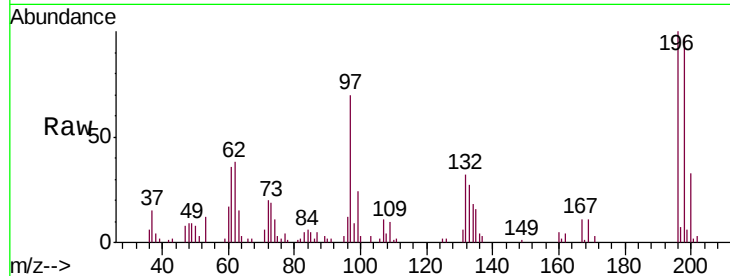




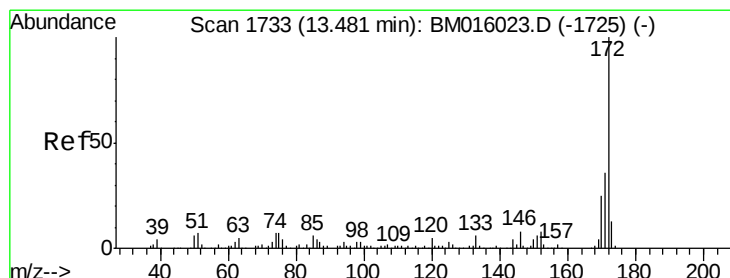
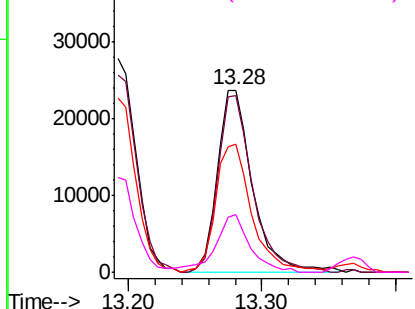
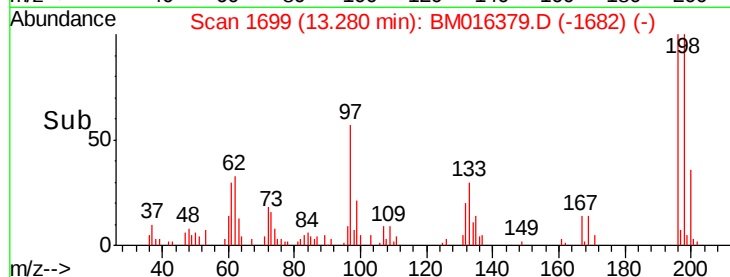
#43
 2,4,5-Trichlorophenol
 Concen: 51.646 ng
 RT: 13.28 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

Tgt Ion:196 Resp: 43781
 Ion Ratio Lower Upper
 196 100
 198 97.3 79.4 119.0
 97 70.3 26.8 40.2#
 132 31.5 18.6 28.0#

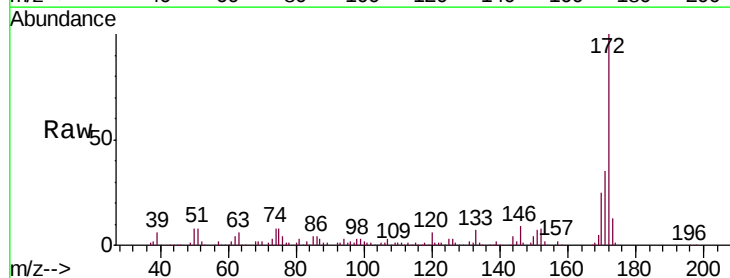


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

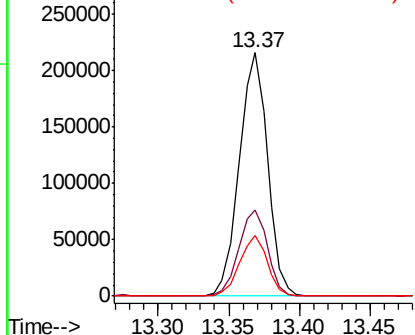
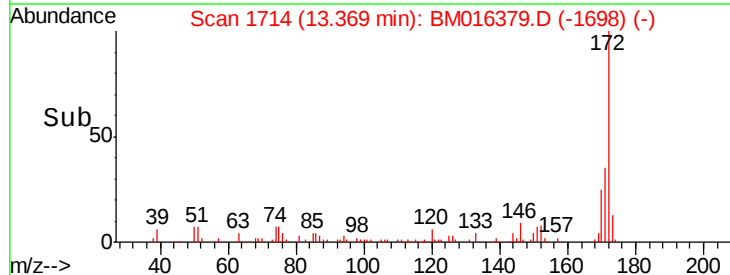


#44
 2-Fluorobiphenyl
 Concen: 51.646 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion:172 Resp: 301873
 Ion Ratio Lower Upper
 172 100
 171 35.4 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

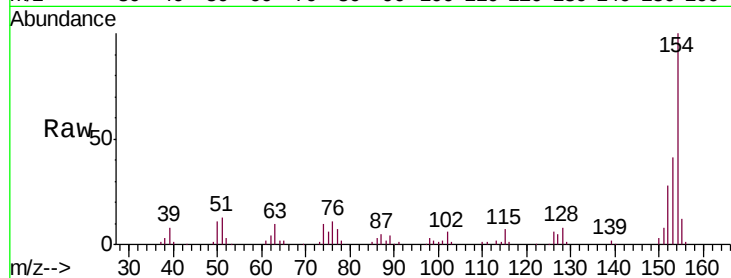




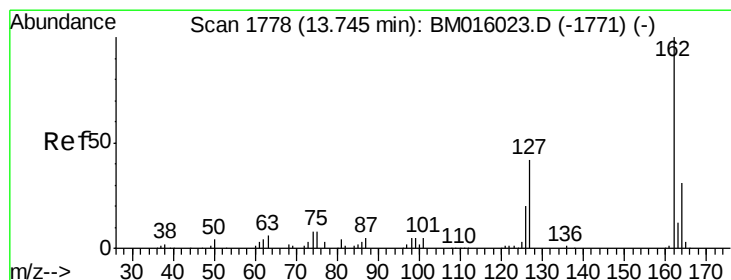
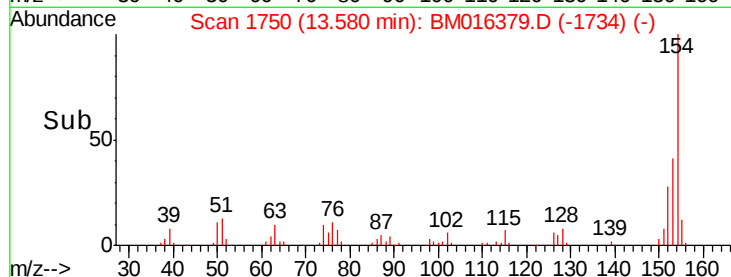
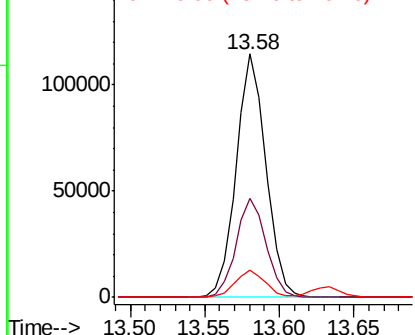
#45
 1,1'-Biphenyl
 Concen: 45.615 ng
 RT: 13.58 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.7	60.7
76	11.0	0.0	30.9

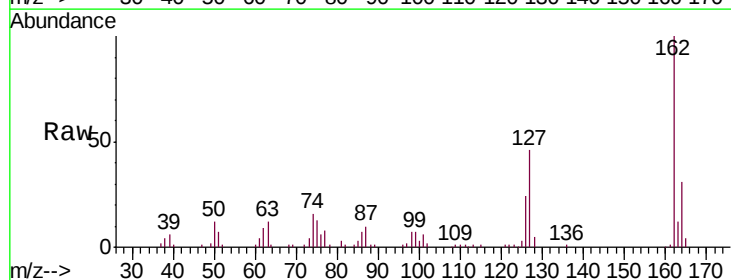


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

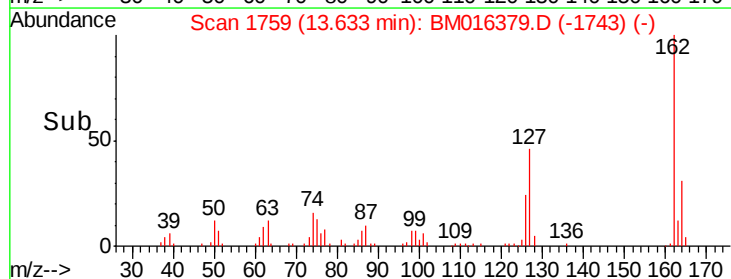
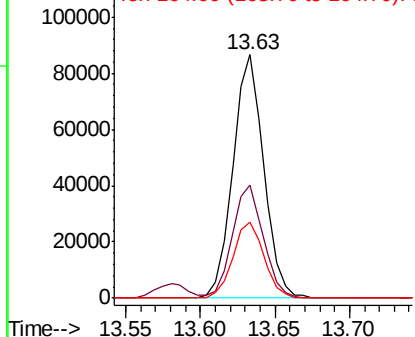


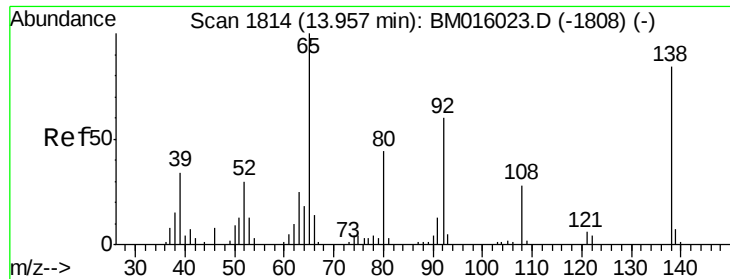
#46
 2-Chloronaphthalene
 Concen: 46.053 ng
 RT: 13.63 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.5	26.9	40.3#
164	31.2	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

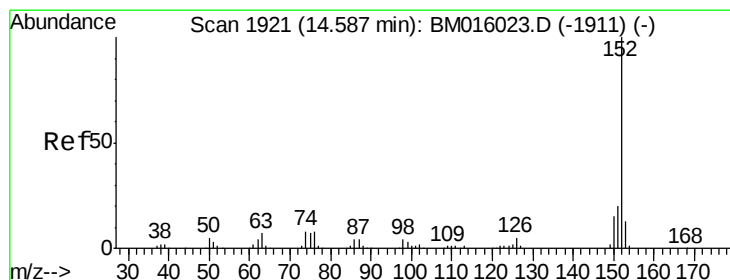
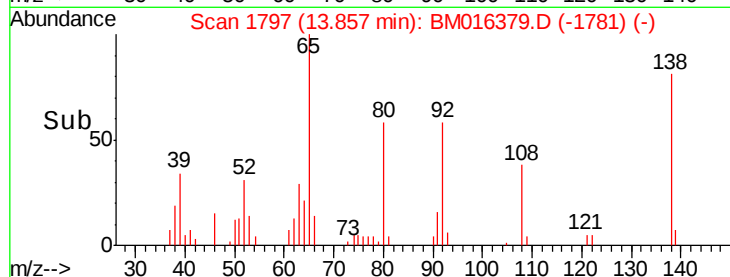
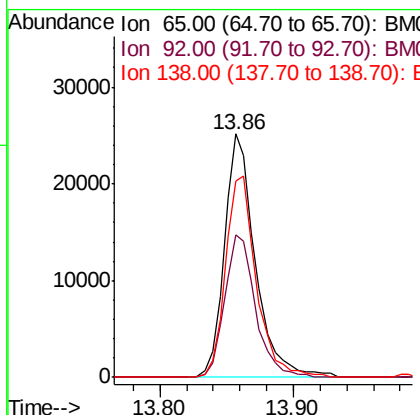
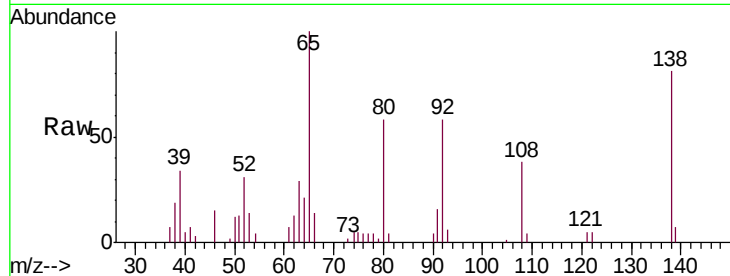




#47
2-Nitroaniline
Concen: 45.456 ng
RT: 13.86 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

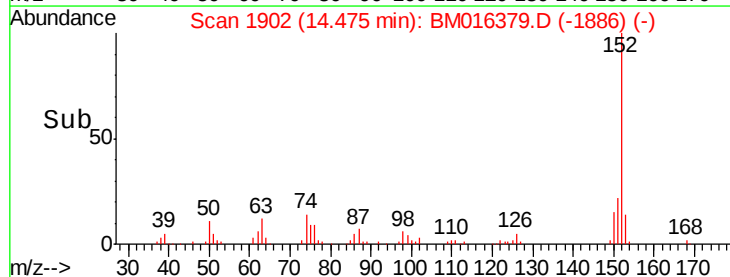
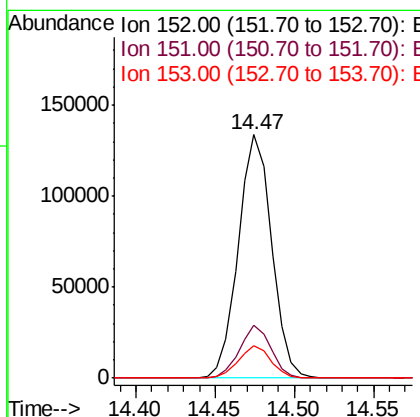
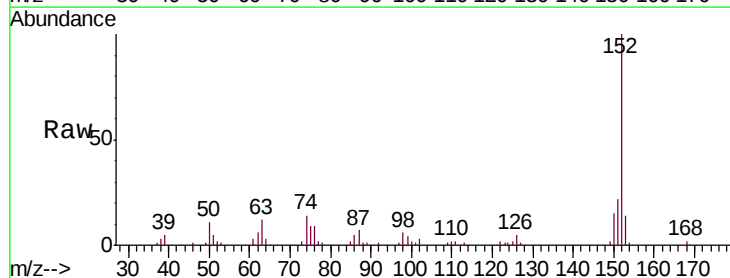
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

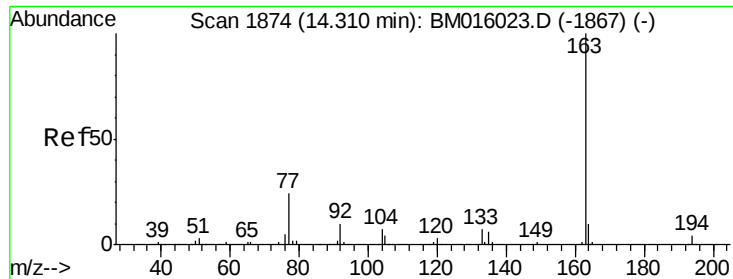
Tgt Ion: 65 Resp: 40700
Ion Ratio Lower Upper
65 100
92 58.3 59.1 88.7#
138 80.7 93.9 140.9#



#48
Acenaphthylene
Concen: 49.109 ng
RT: 14.47 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

Tgt Ion: 152 Resp: 194700
Ion Ratio Lower Upper
152 100
151 21.9 15.9 23.9
153 13.5 10.6 16.0





#49

Dimethylphthalate

Concen: 46.003 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Instrument :

BNA_M

ClientSampleId :

PB112017BSD

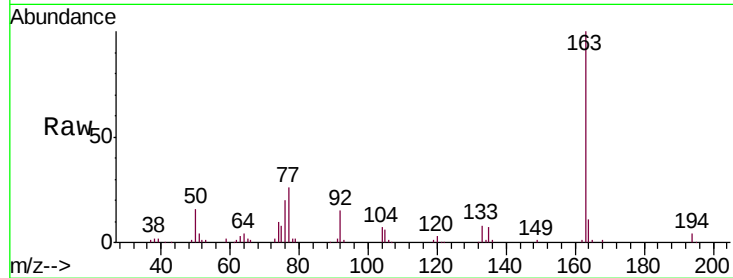
Tgt Ion:163 Resp: 155333

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

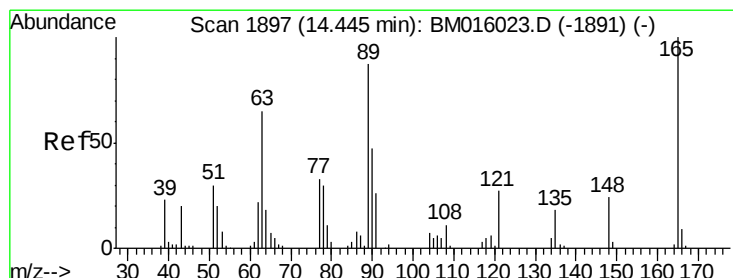
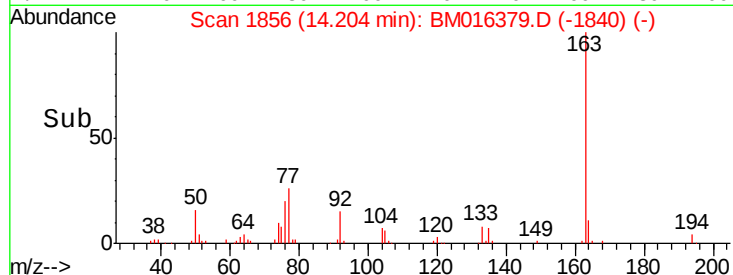
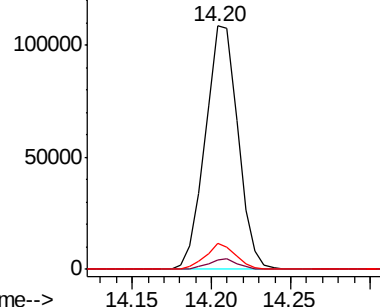
164 10.9 8.2 12.2



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: 44.330 ng

RT: 14.35 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

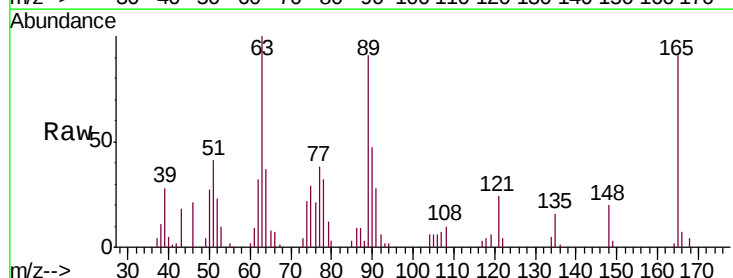
Tgt Ion:165 Resp: 30117

Ion Ratio Lower Upper

165 100

63 109.8 44.1 66.1#

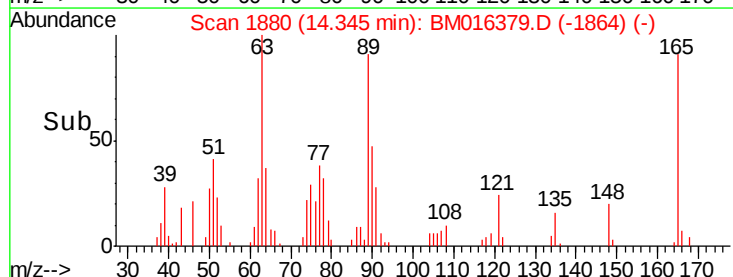
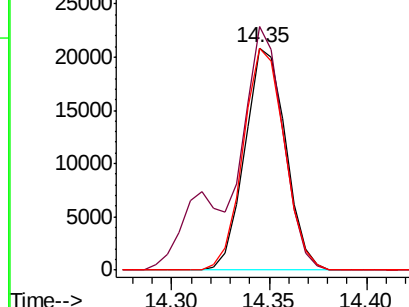
89 100.0 44.3 66.5#

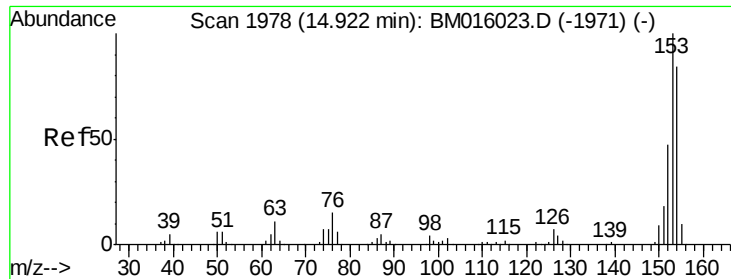


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 45.443 ng

RT: 14.82 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Instrument :

BNA_M

ClientSampleId :

PB112017BSD

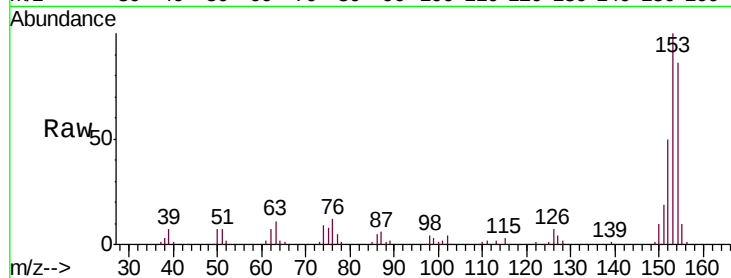
Tgt Ion:154 Resp: 110805

Ion Ratio Lower Upper

154 100

153 115.6 90.0 135.0

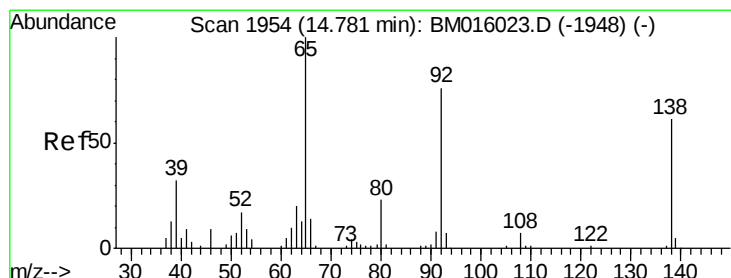
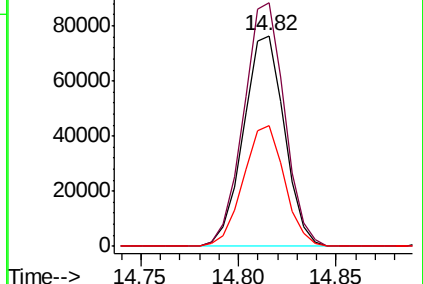
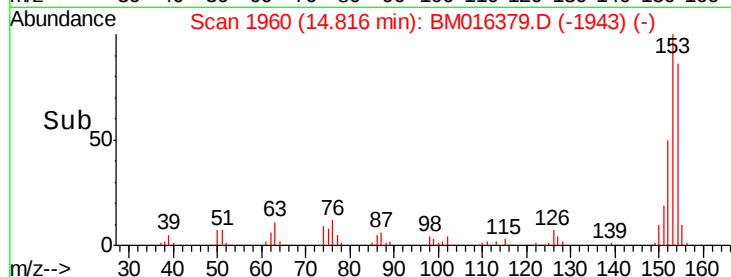
152 57.5 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.589 ng

RT: 14.69 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

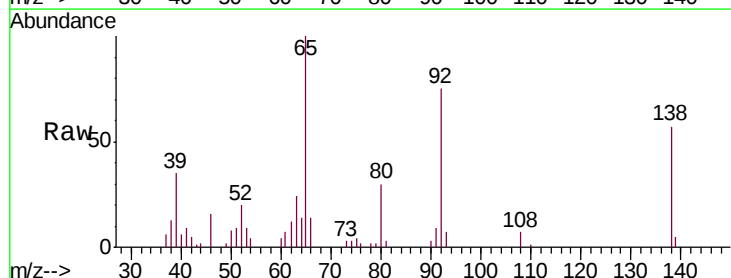
Tgt Ion:138 Resp: 20979

Ion Ratio Lower Upper

138 100

108 11.8 7.3 10.9#

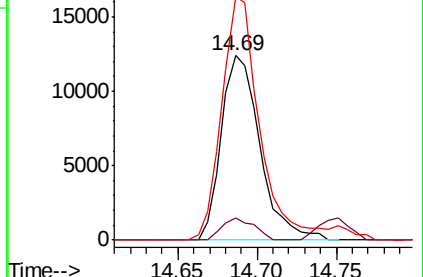
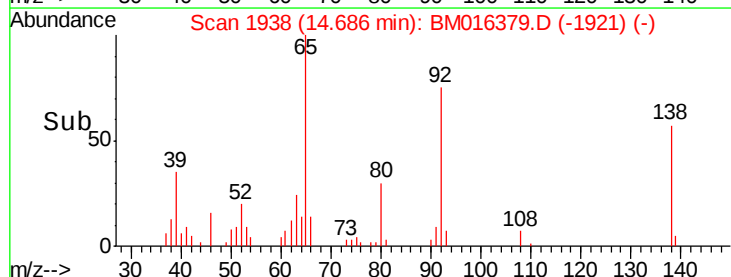
92 131.8 76.6 114.8#

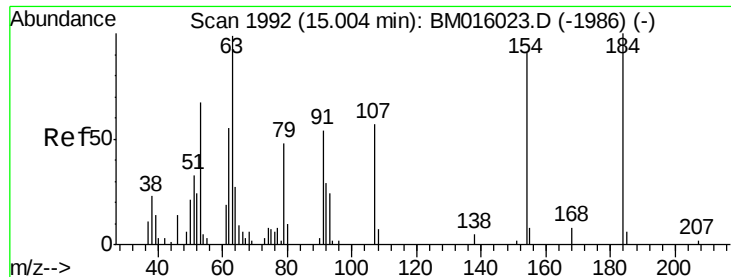


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

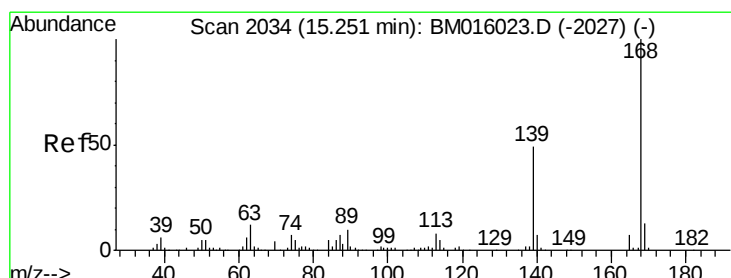
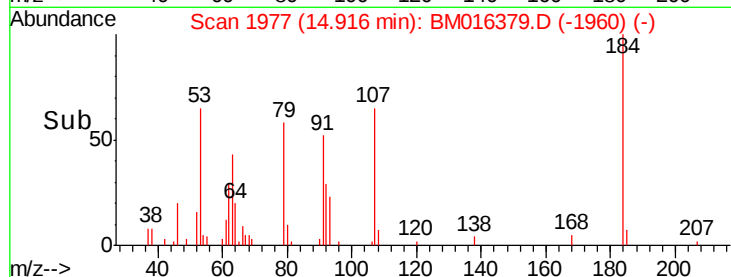
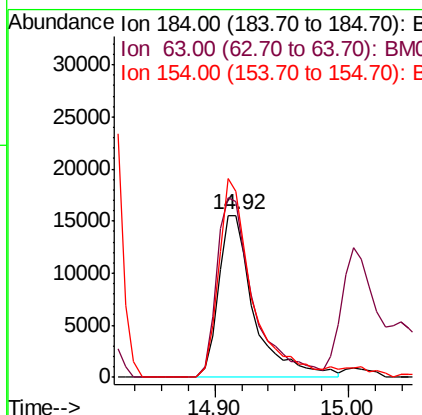
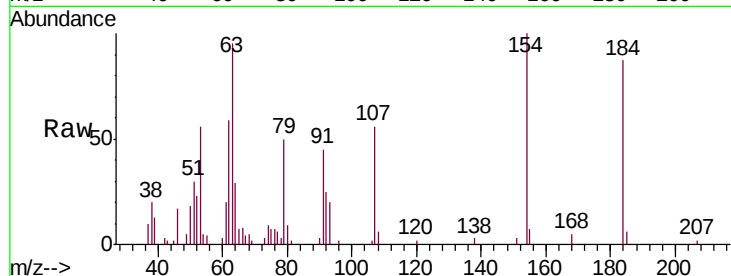




#53
2,4-Dinitrophenol
Concen: 98.497 ng
RT: 14.92 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

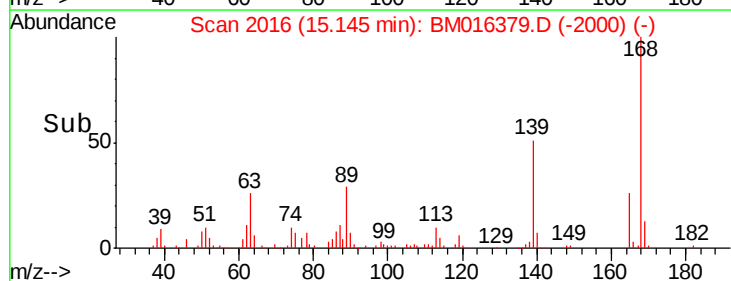
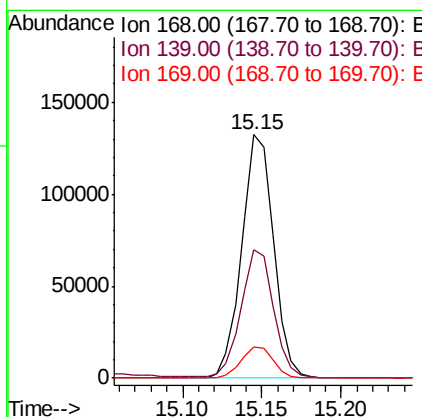
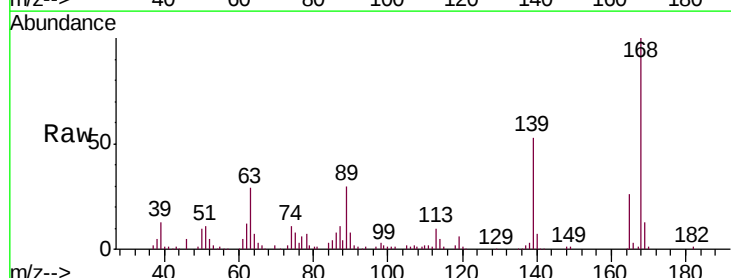
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

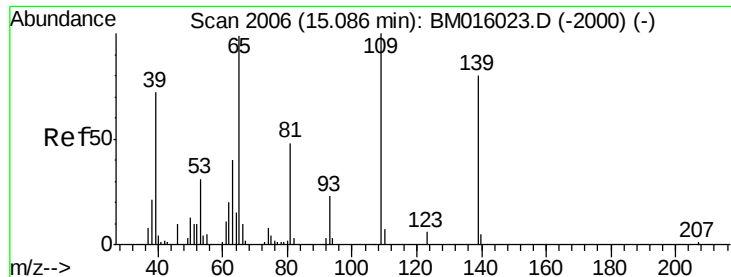
Tgt Ion:184 Resp: 29181
Ion Ratio Lower Upper
184 100
63 108.5 69.2 103.8#
154 114.6 53.3 79.9#



#54
Dibenzofuran
Concen: 46.080 ng
RT: 15.15 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

Tgt Ion:168 Resp: 185154
Ion Ratio Lower Upper
168 100
139 53.0 27.3 40.9#
169 12.8 10.6 16.0

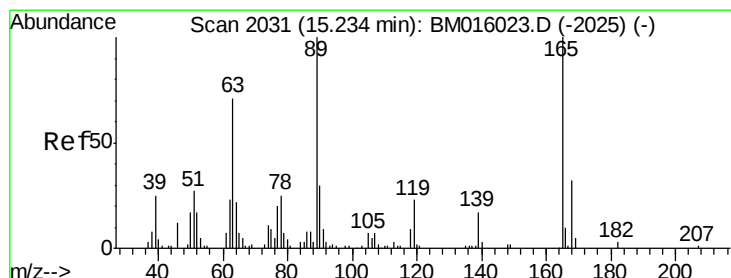
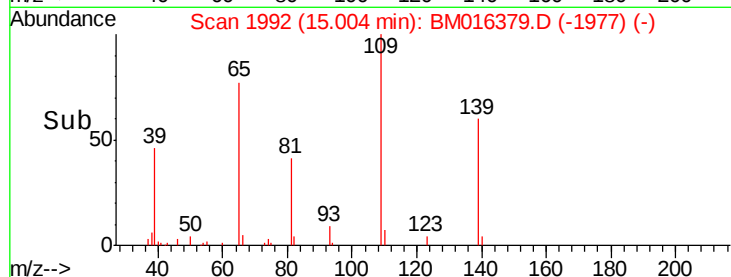
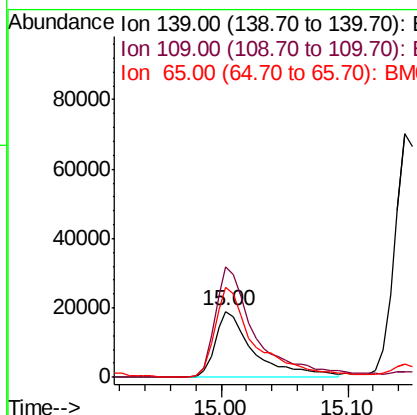
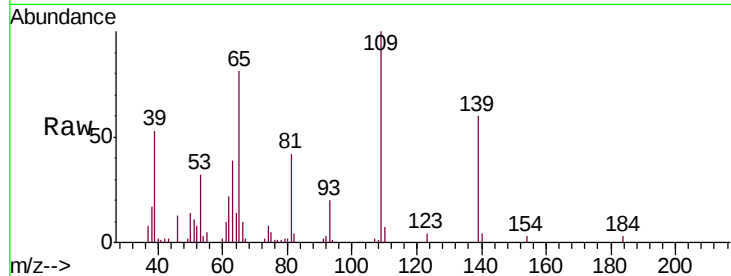




#55
4-Nitrophenol
Concen: 77.126 ng
RT: 15.00 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

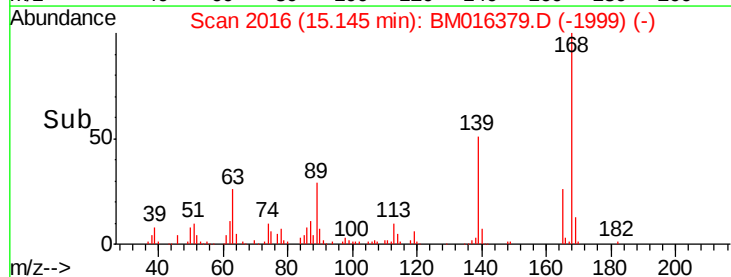
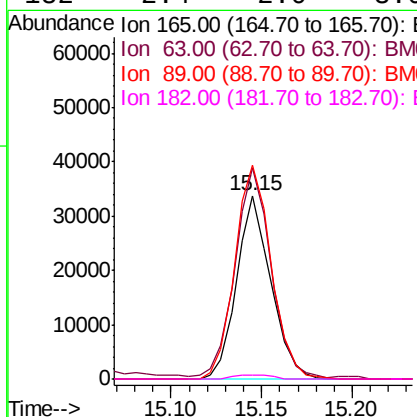
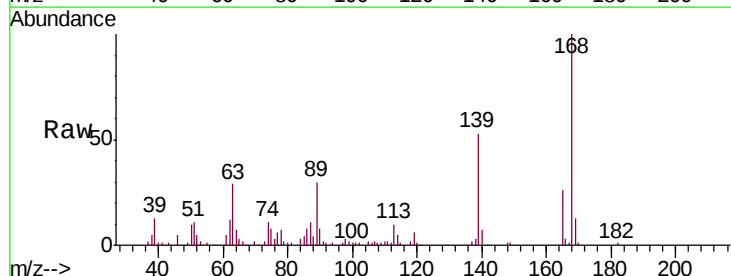
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

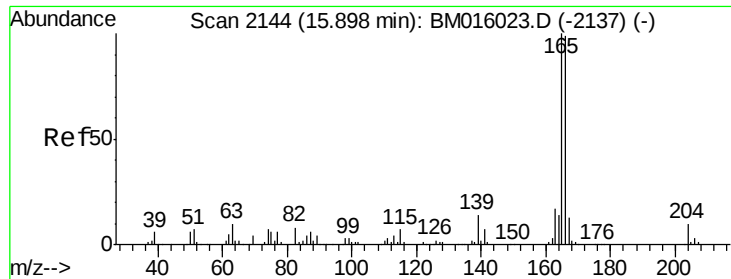
Tgt Ion:139 Resp: 40572
Ion Ratio Lower Upper
139 100
109 167.6 130.0 170.0
65 135.6 130.0 170.0



#56
2,4-Dinitrotoluene
Concen: 45.756 ng
RT: 15.15 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

Tgt Ion:165 Resp: 44449
Ion Ratio Lower Upper
165 100
63 114.9 52.4 78.6#
89 116.4 72.4 108.6#
182 2.4 2.0 3.0

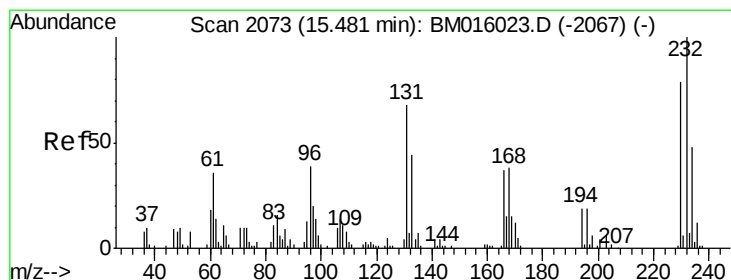
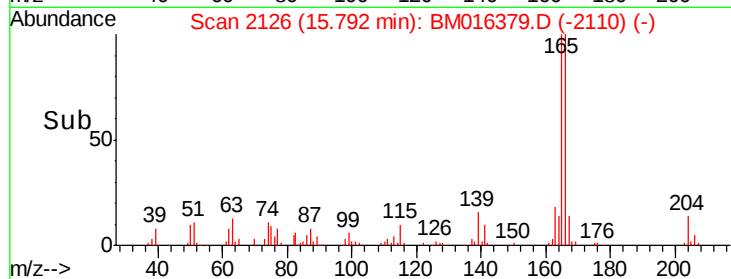
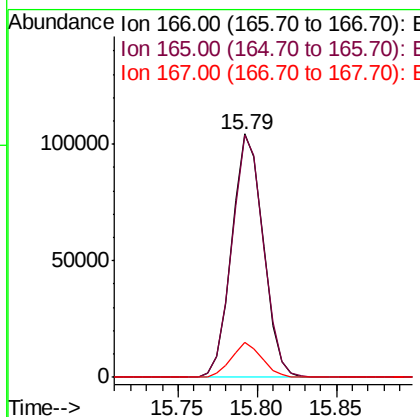
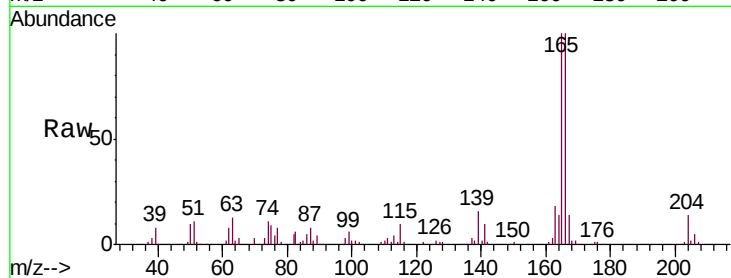




#57
 Fluorene
 Concen: 47.882 ng
 RT: 15.79 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

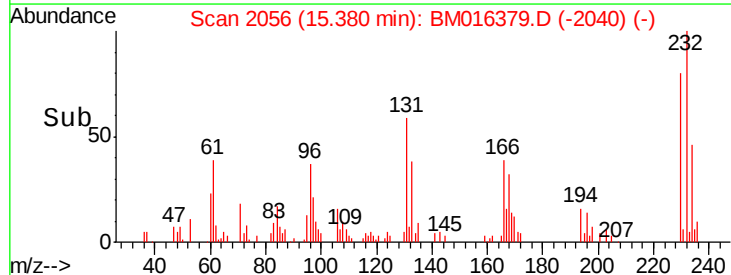
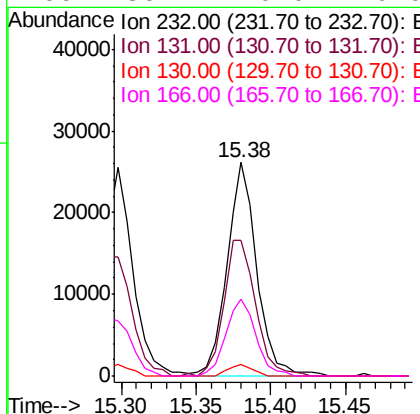
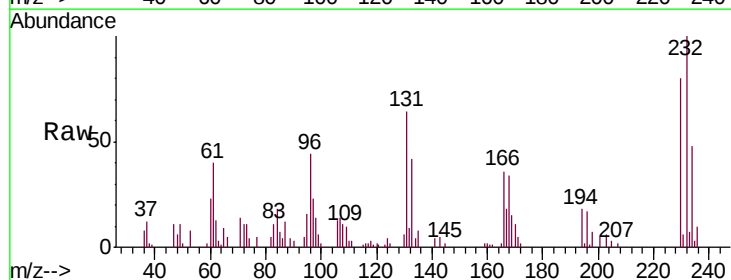
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

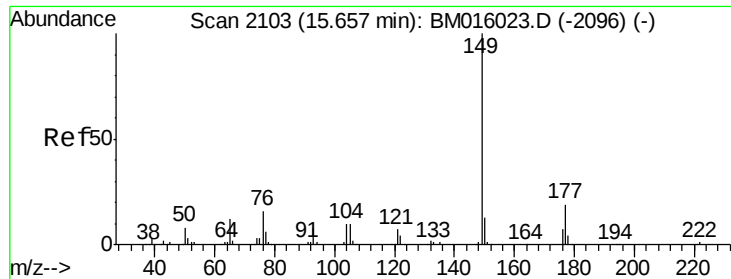
Tgt Ion:166 Resp: 142971
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.0 118.4
 167 14.3 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.121 ng
 RT: 15.38 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion:232 Resp: 36520
 Ion Ratio Lower Upper
 232 100
 131 68.1 0.0 0.0#
 130 4.6 0.0 0.0#
 166 36.2 0.0 0.0#

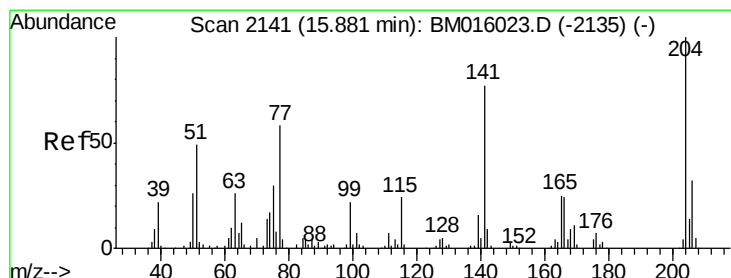
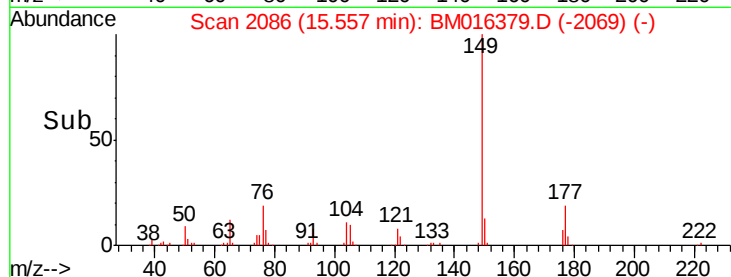
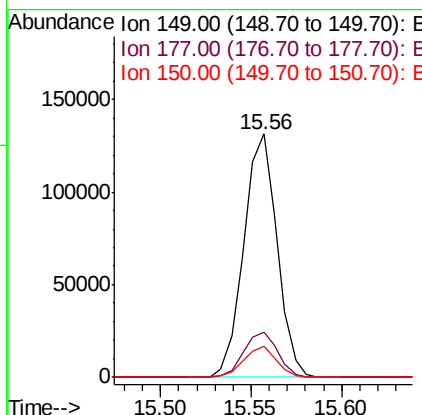
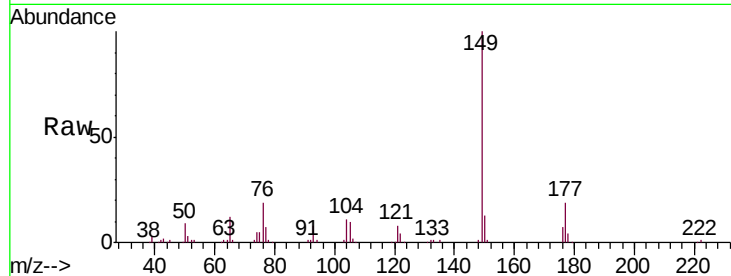




#59
Diethylphthalate
Concen: 46.003 ng
RT: 15.56 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

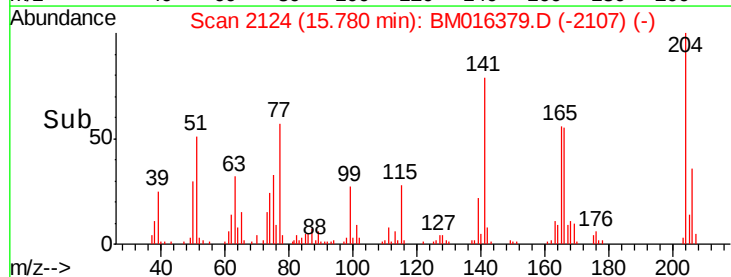
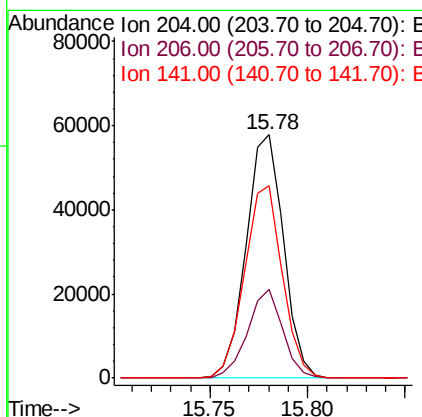
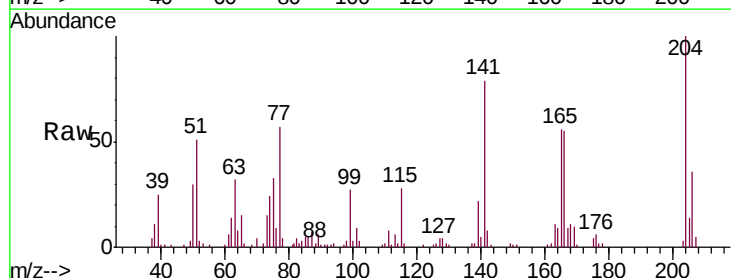
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

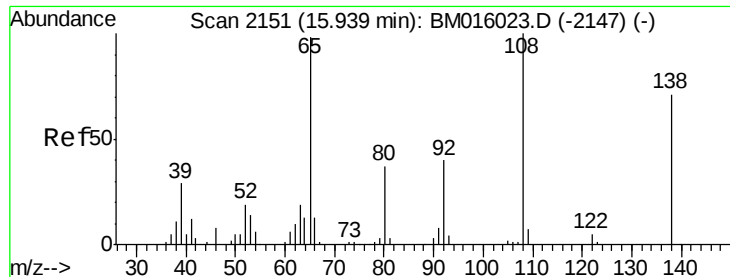
Tgt Ion:149 Resp: 167428
Ion Ratio Lower Upper
149 100
177 18.7 18.3 27.5
150 12.8 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 46.177 ng
RT: 15.78 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

Tgt Ion:204 Resp: 76756
Ion Ratio Lower Upper
204 100
206 36.3 26.6 39.8
141 79.0 45.2 67.8#





#61

4-Nitroaniline

Concen: 38.809 ng

RT: 15.85 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Instrument :

BNA_M

ClientSampleId :

PB112017BSD

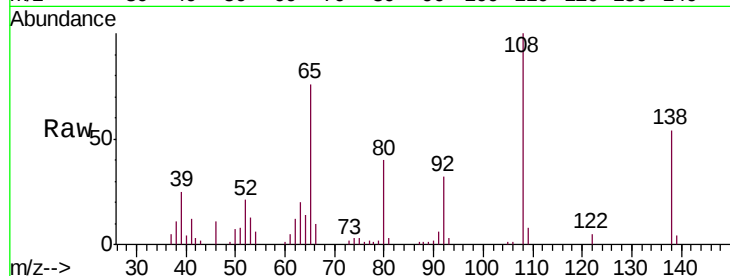
Tgt Ion:138 Resp: 27324

Ion Ratio Lower Upper

138 100

92 58.8 16.7 56.7#

108 184.7 37.6 77.6#

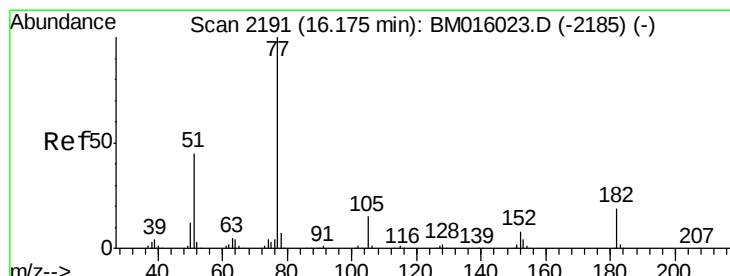
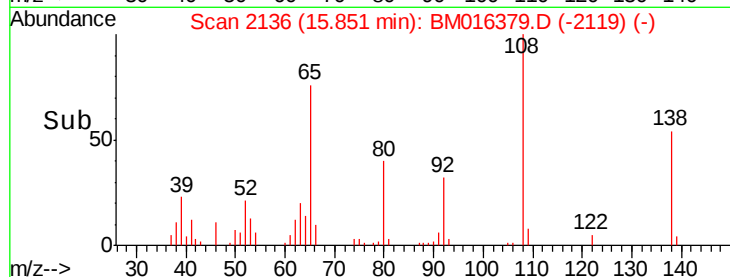
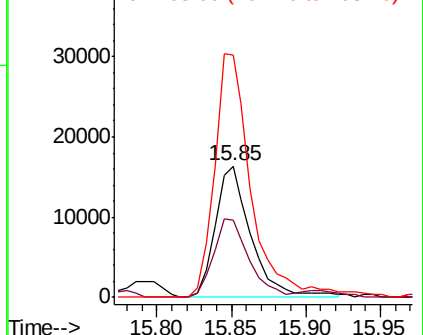


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.543 ng

RT: 16.07 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Tgt Ion: 77 Resp: 193727

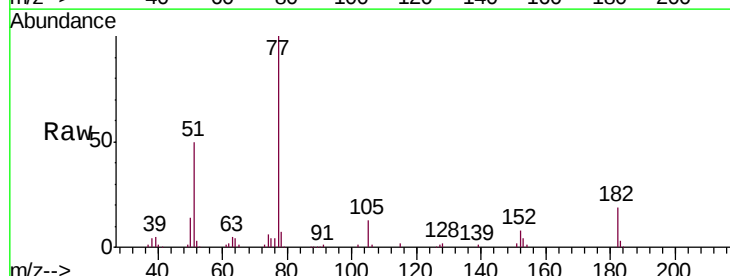
Ion Ratio Lower Upper

77 100

182 18.9 6.5 46.5

105 13.4 3.8 43.8

51 50.3 5.5 45.5#



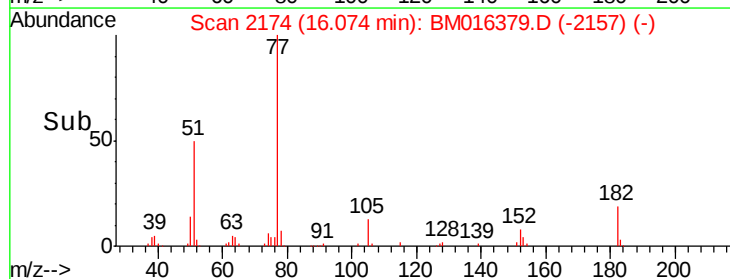
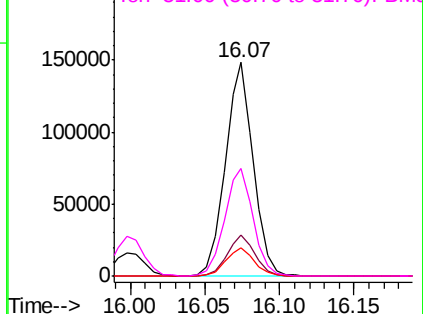
Abundance

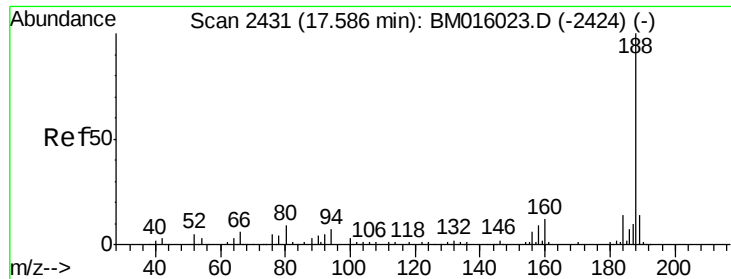
Ion 77.00 (76.70 to 77.70): BM

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): BM

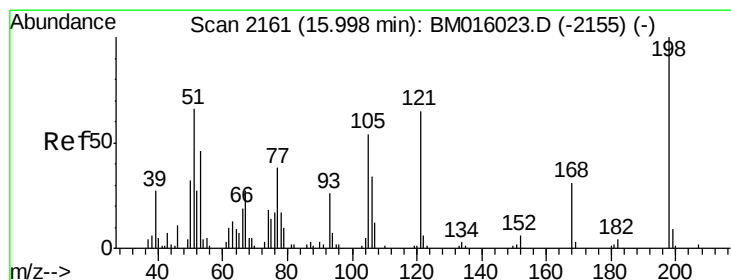
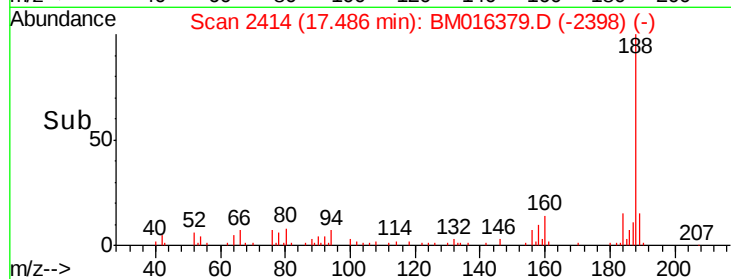
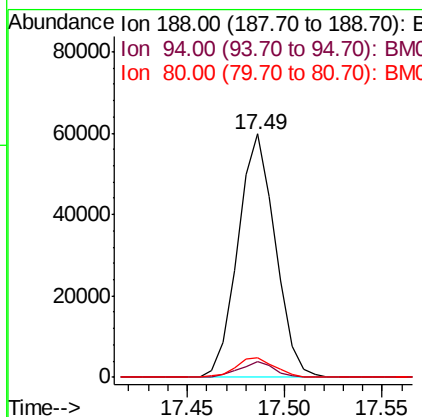
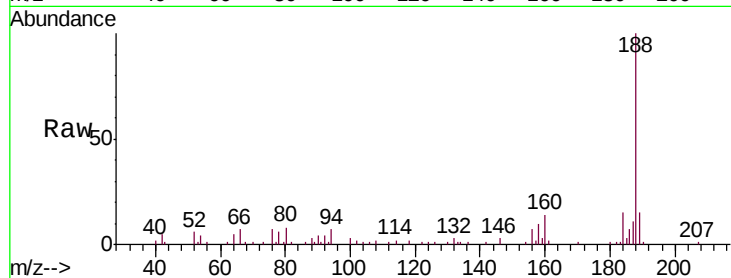




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

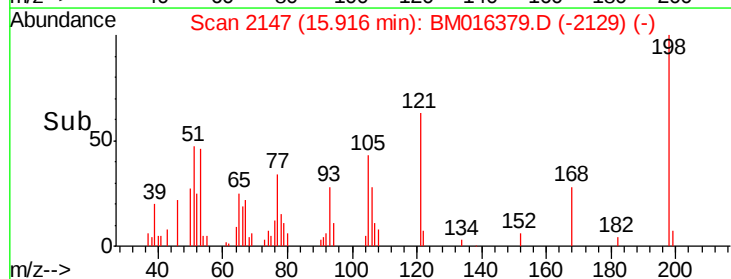
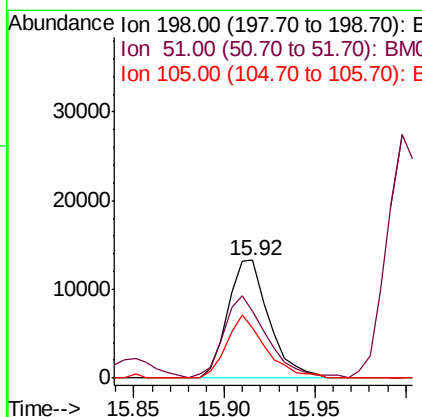
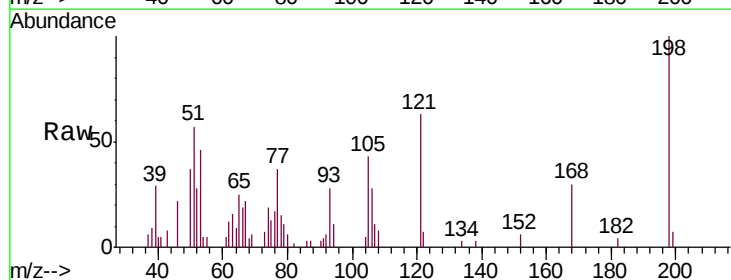
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

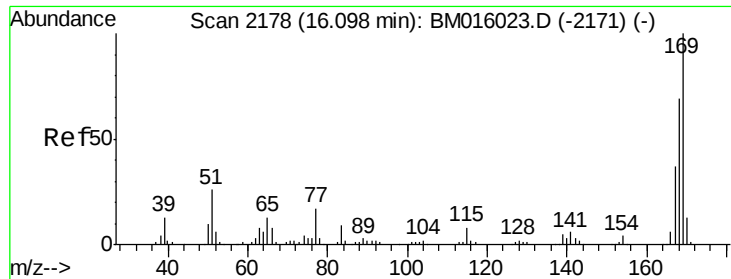
Tgt Ion:188 Resp: 79306
 Ion Ratio Lower Upper
 188 100
 94 6.6 8.7 13.1#
 80 8.0 9.3 13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.730 ng
 RT: 15.92 min Scan# 2147
 Delta R.T. 0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion:198 Resp: 21050
 Ion Ratio Lower Upper
 198 100
 51 57.0 28.8 68.8
 105 43.2 30.5 70.5

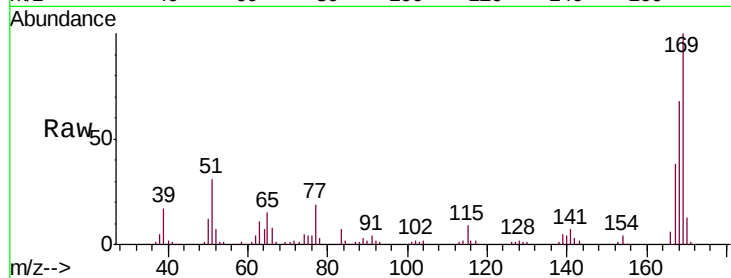




#65
 n-Nitrosodiphenylamine
 Concen: 45.879 ng
 RT: 16.00 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.9	80.9
167	38.2	28.9	43.3

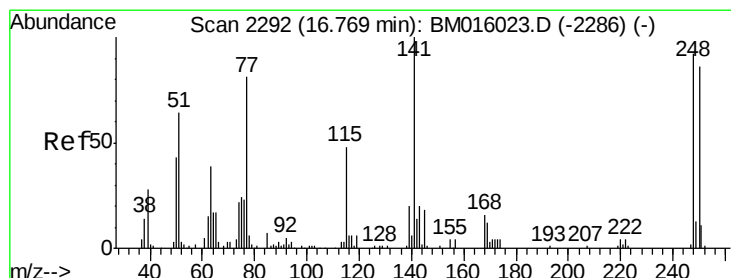
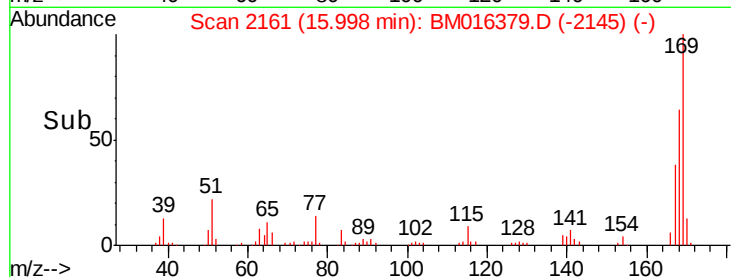
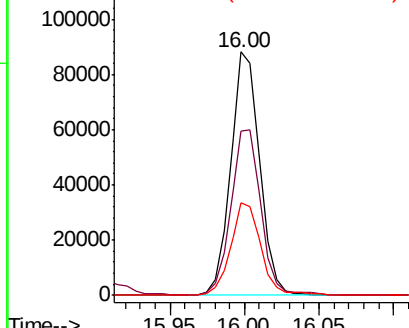


Abundance

Ion 169.00 (168.70 to 169.70): E

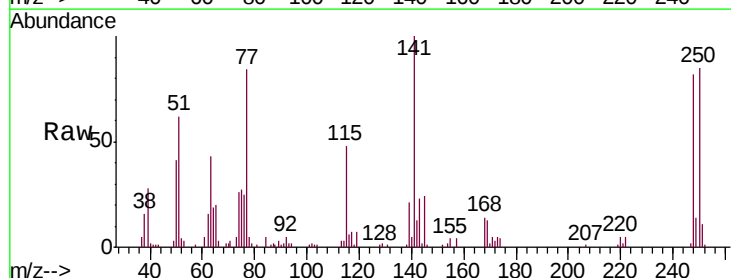
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 49.942 ng
 RT: 16.67 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
248	100		
250	103.6	77.4	116.0
141	122.6	45.2	67.8

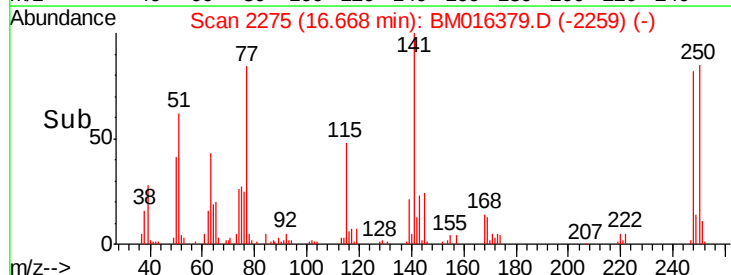
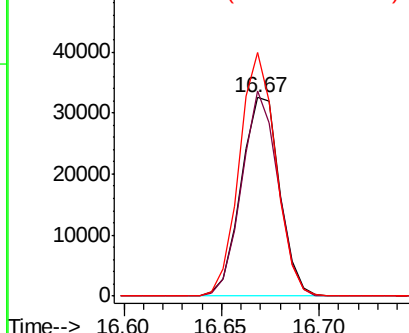


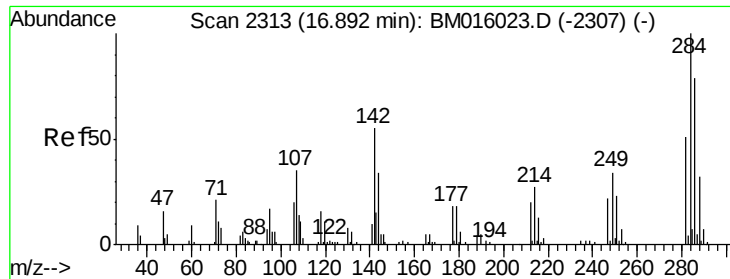
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.721 ng

RT: 16.79 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Instrument :

BNA_M

ClientSampleId :

PB112017BSD

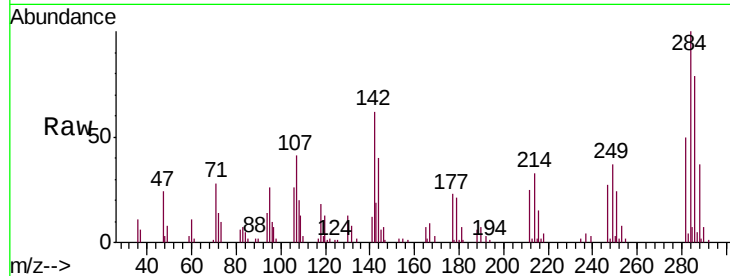
Tgt Ion:284 Resp: 44226

Ion Ratio Lower Upper

284 100

142 61.6 20.4 30.6#

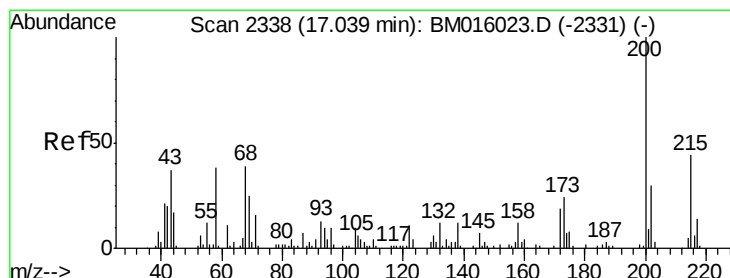
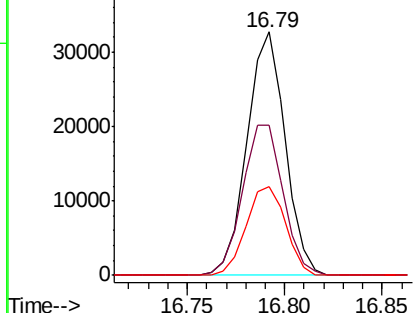
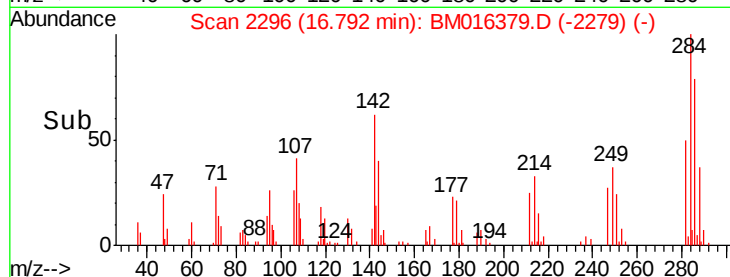
249 36.5 23.8 35.6#



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: 49.551 ng

RT: 16.94 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

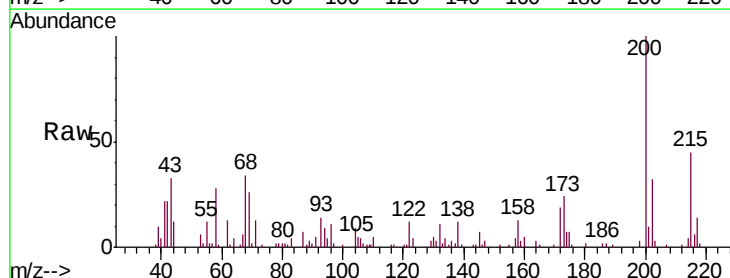
Tgt Ion:200 Resp: 46377

Ion Ratio Lower Upper

200 100

173 23.8 4.8 44.8

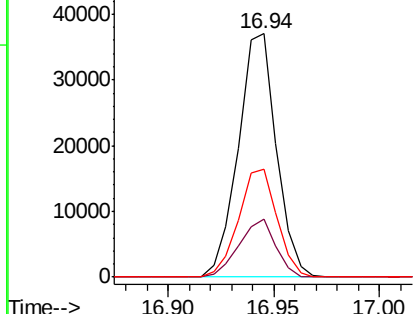
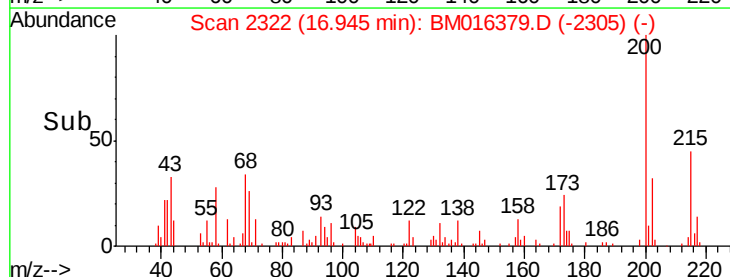
215 44.5 26.9 66.9

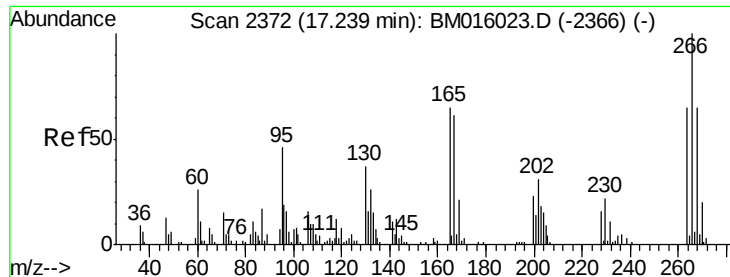


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 73.622 ng

RT: 17.14 min Scan# 2356

Delta R.T. 0.00 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Instrument :

BNA_M

ClientSampleId :

PB112017BSD

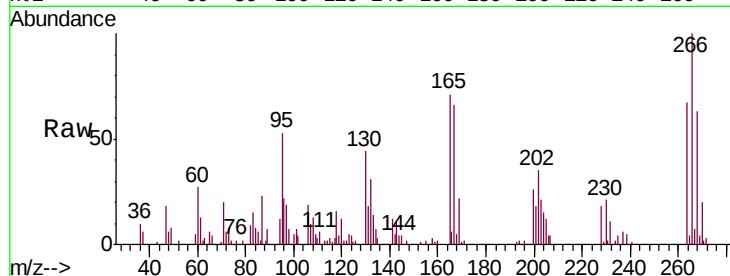
Tgt Ion:266 Resp: 45084

Ion Ratio Lower Upper

266 100

268 63.5 52.0 78.0

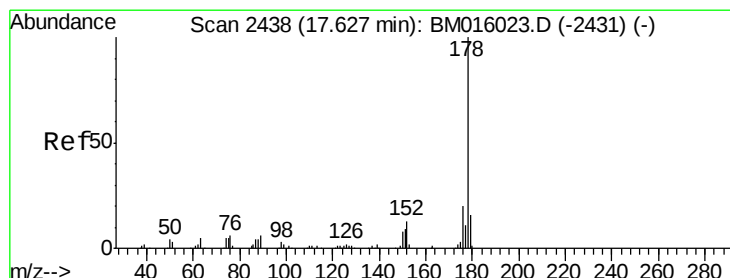
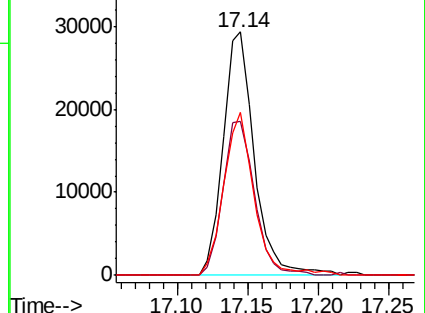
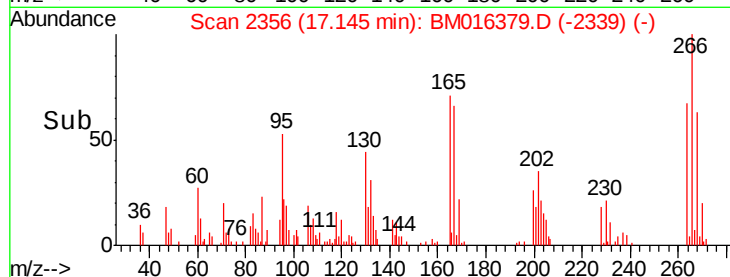
264 67.0 49.0 73.4



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: 46.927 ng

RT: 17.53 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

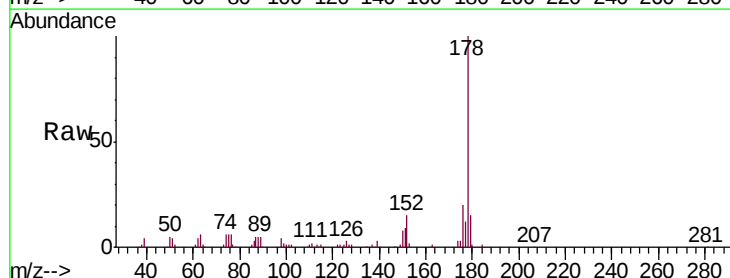
Tgt Ion:178 Resp: 208357

Ion Ratio Lower Upper

178 100

176 20.0 15.2 22.8

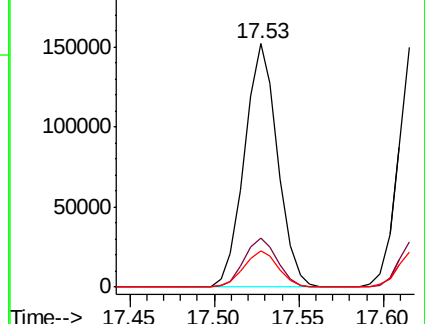
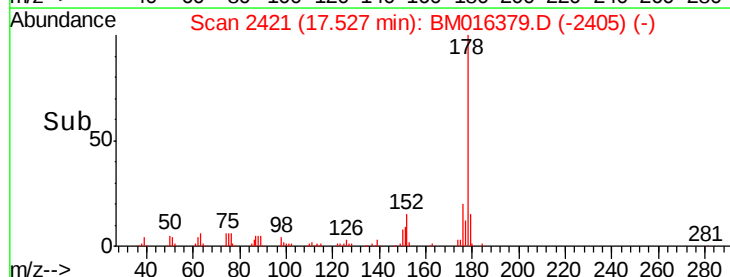
179 14.9 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

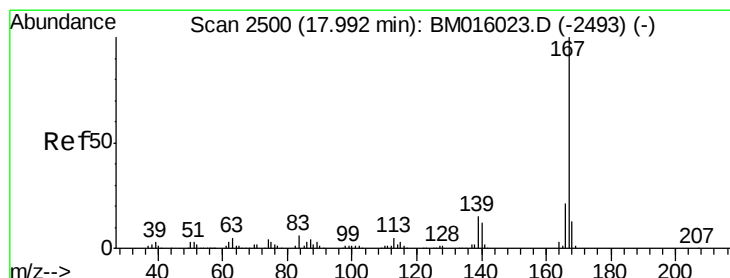
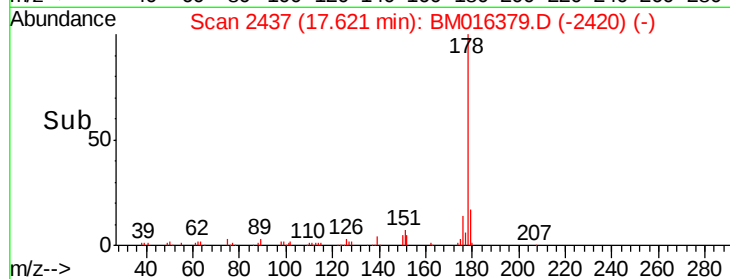
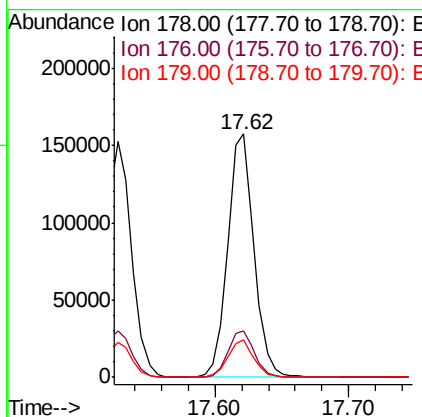
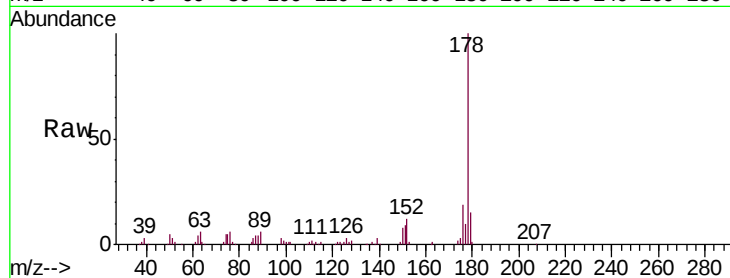




#71
 Anthracene
 Concen: 50.331 ng
 RT: 17.62 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

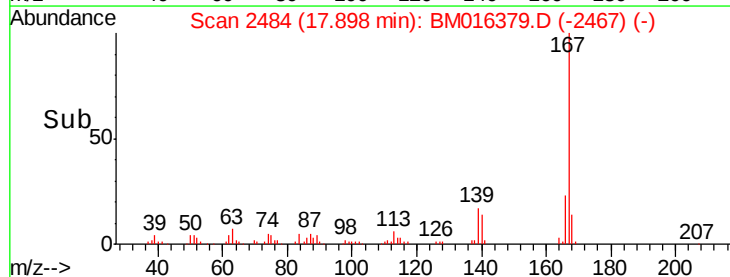
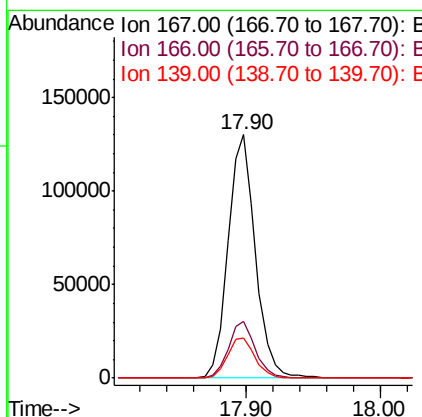
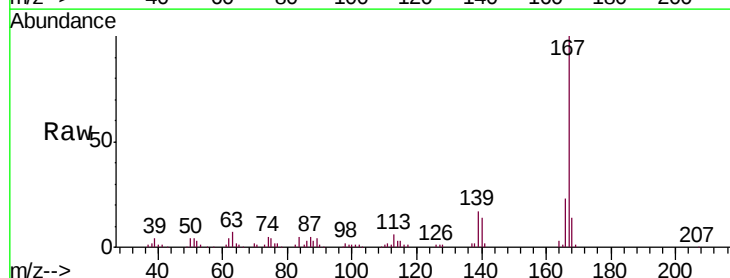
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

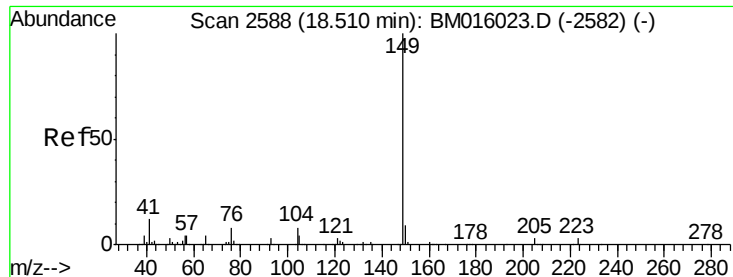
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	22.0
179	15.2	12.6	19.0



#72
 Carbazole
 Concen: 41.779 ng
 RT: 17.90 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.2	25.8
139	16.6	10.8	16.2#

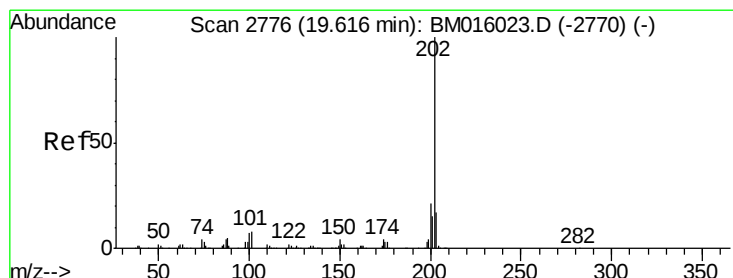
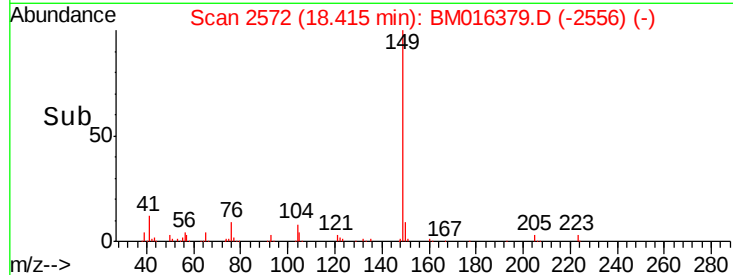
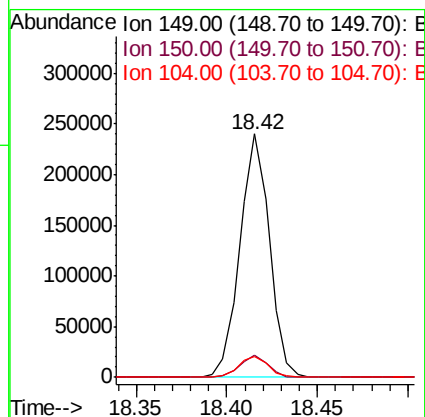
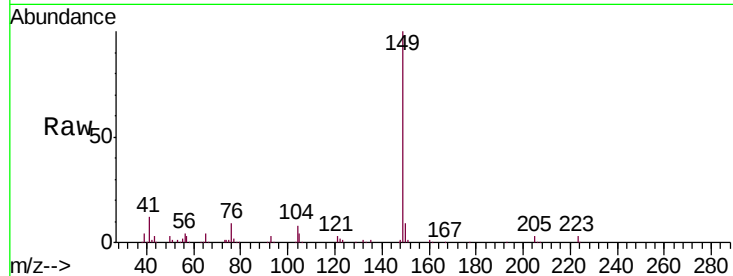




#73
Di-n-butylphthalate
Concen: 48.602 ng
RT: 18.42 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

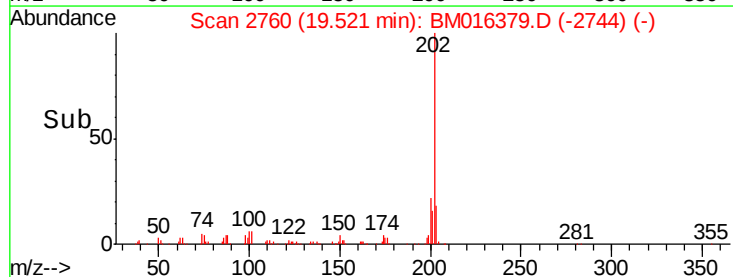
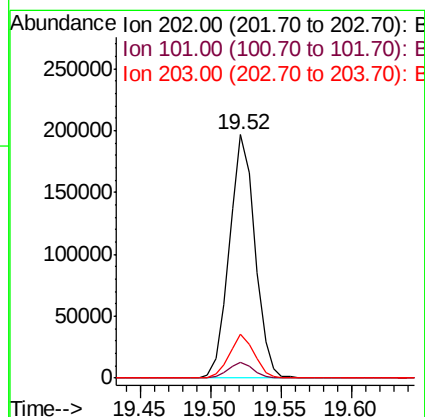
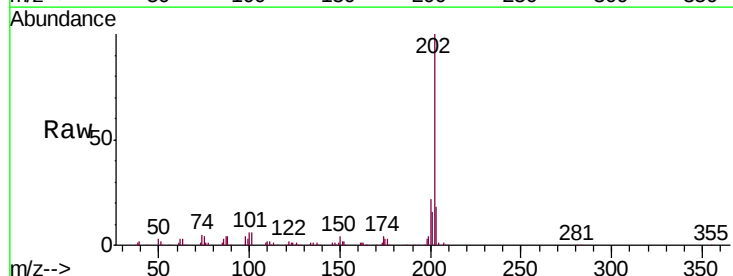
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

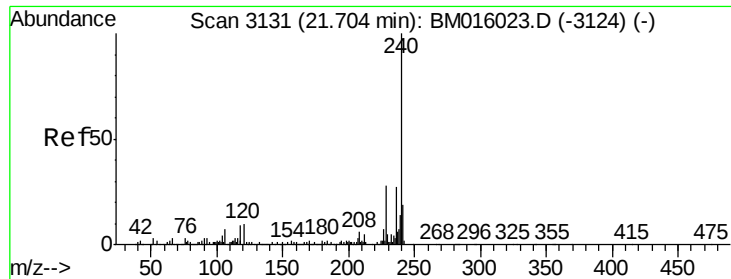
Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	8.5	3.7	5.5



#74
Fluoranthene
Concen: 50.228 ng
RT: 19.52 min Scan# 2760
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	28.7
203	17.8	0.0	37.2

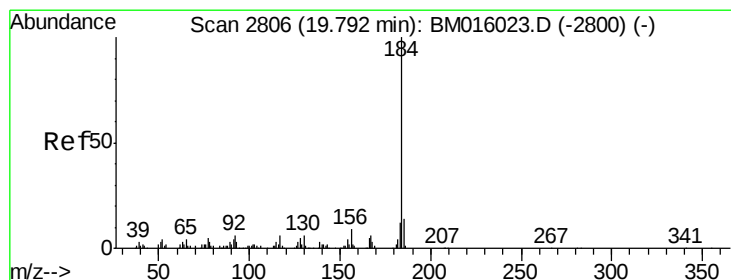
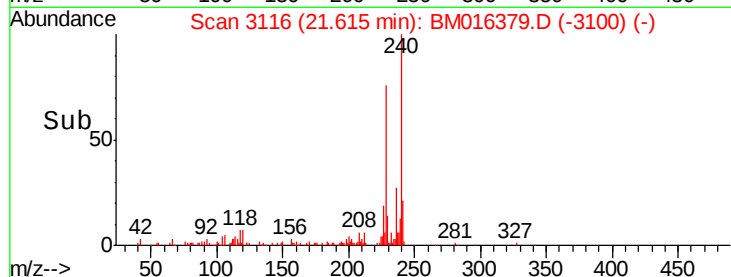
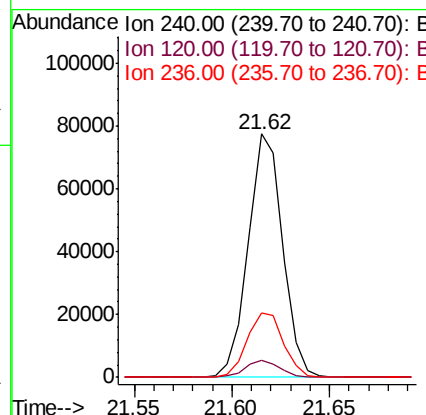
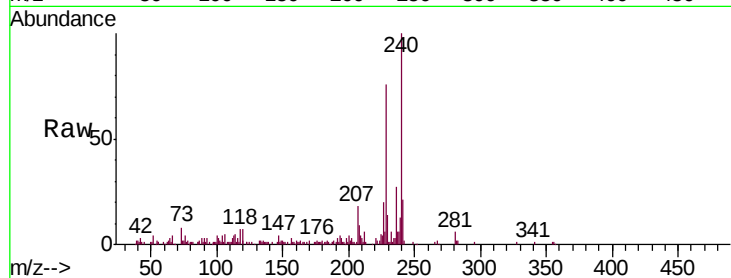




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

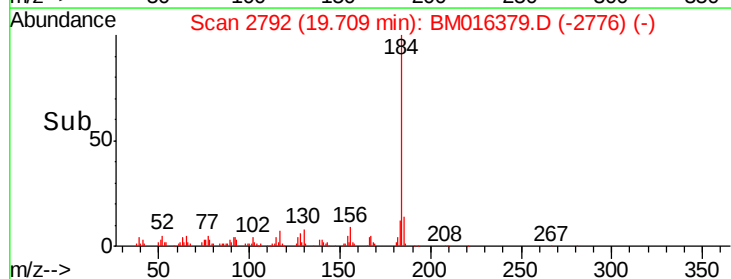
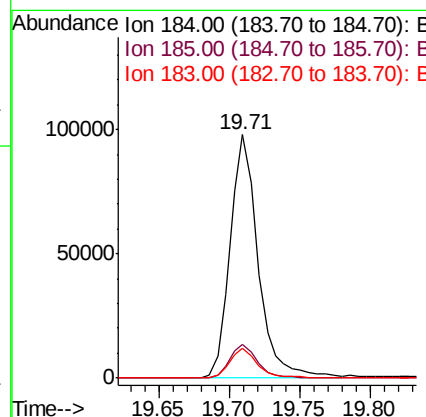
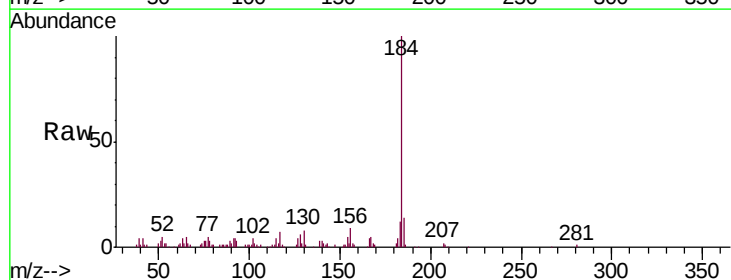
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

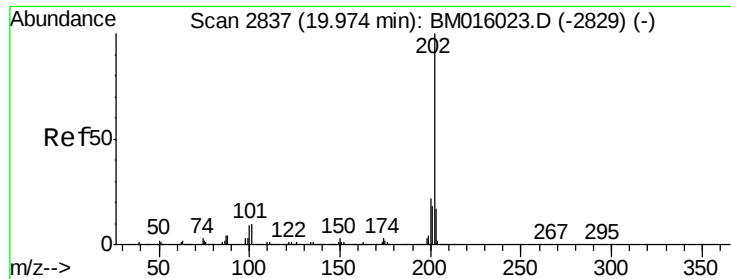
Tgt Ion:240 Resp: 94777
Ion Ratio Lower Upper
240 100
120 6.8 8.2 12.2#
236 26.7 20.0 30.0



#76
Benzidine
Concen: 51.261 ng
RT: 19.71 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

Tgt Ion:184 Resp: 135765
Ion Ratio Lower Upper
184 100
185 13.9 11.3 16.9
183 12.3 8.9 13.3

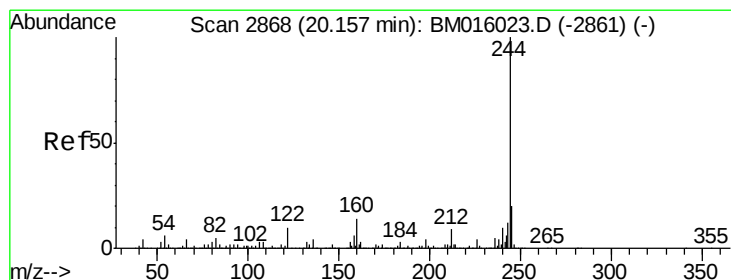
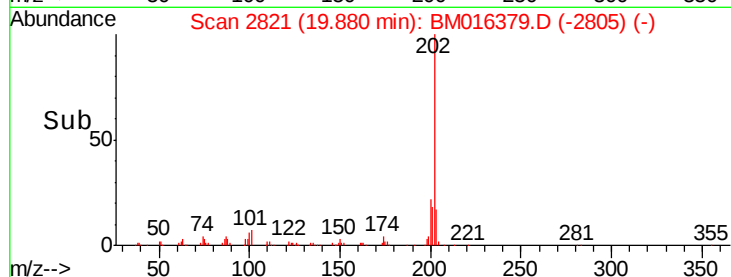
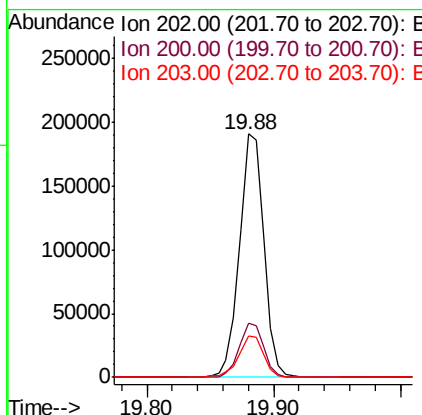
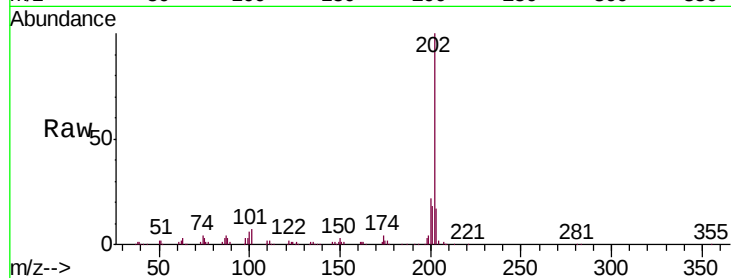




#77
 Pyrene
 Concen: 44.570 ng
 RT: 19.88 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

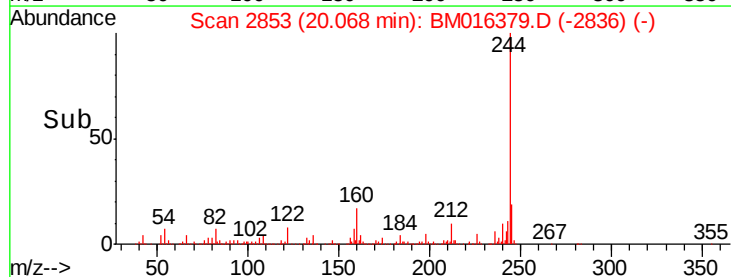
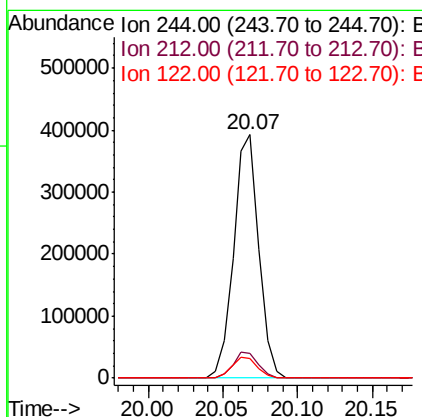
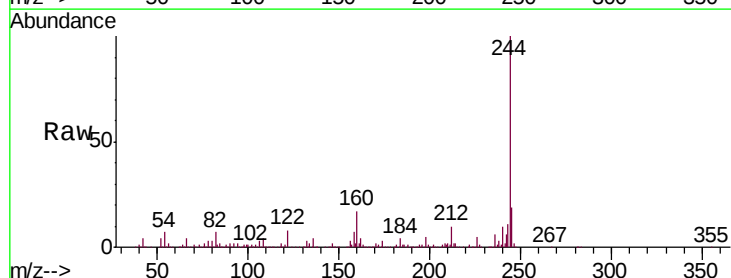
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

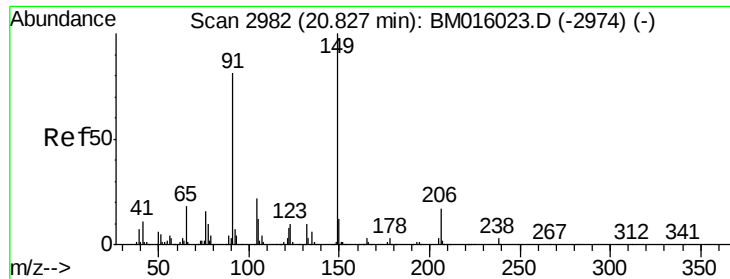
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	253146		
200	22.1		16.9	25.3
203	17.1		14.1	21.1



#78
 Terphenyl-d14
 Concen: 44.570 ng
 RT: 20.07 min Scan# 2853
 Delta R.T. 0.00 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	461012		
212	10.4		4.9	7.3#
122	8.1		6.2	9.4

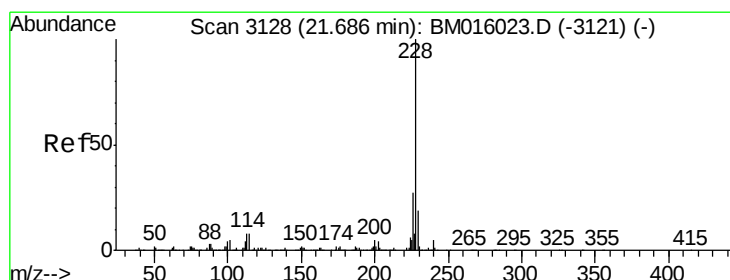
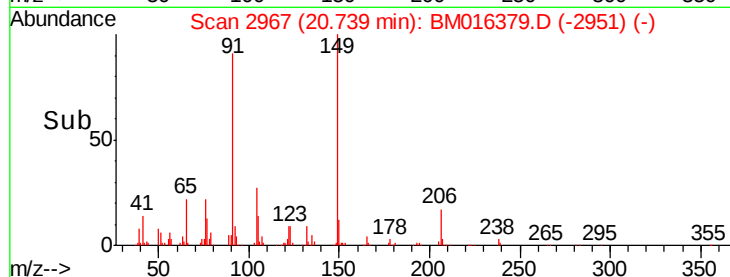
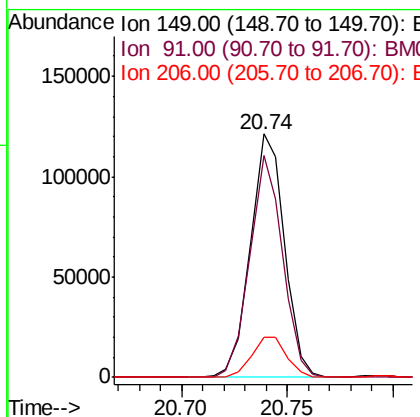
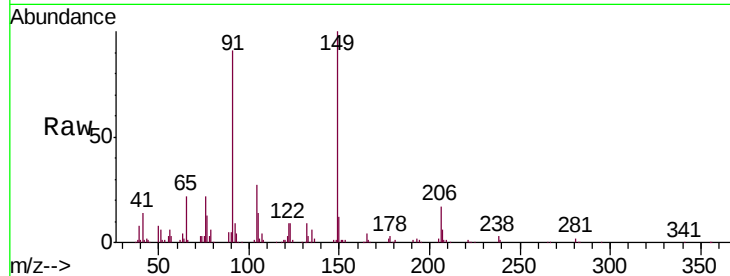




#79
Butylbenzylphthalate
Concen: 47.242 ng
RT: 20.74 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

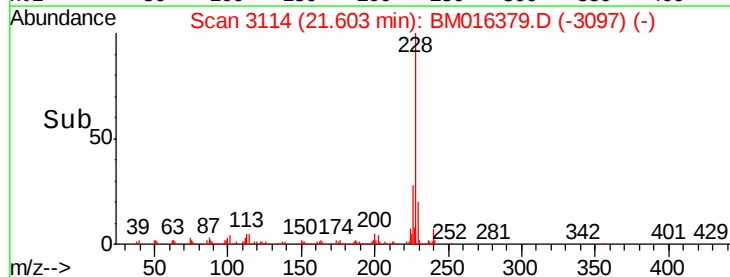
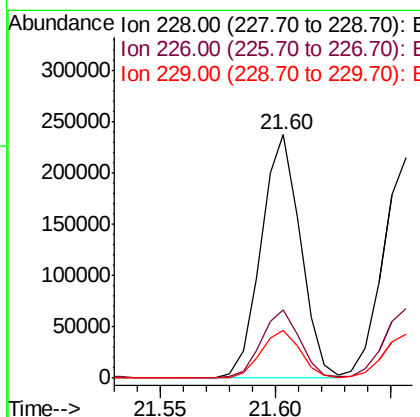
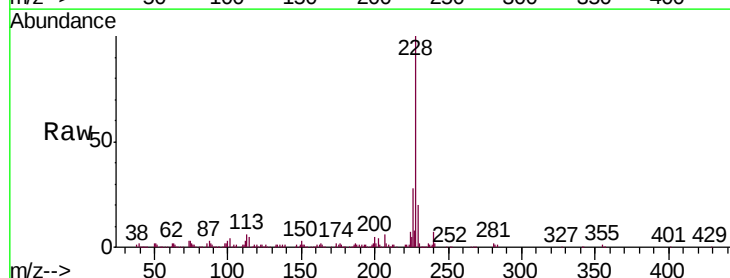
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

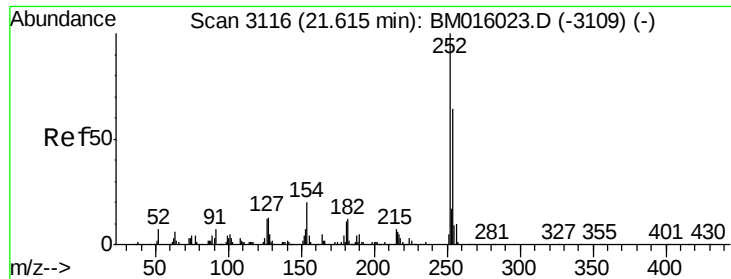
Tgt Ion:149 Resp: 136309
Ion Ratio Lower Upper
149 100
91 91.3 50.1 75.1#
206 16.5 16.2 24.2



#80
Benzo(a)anthracene
Concen: 48.340 ng
RT: 21.60 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

Tgt Ion:228 Resp: 282182
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 19.6 16.0 24.0

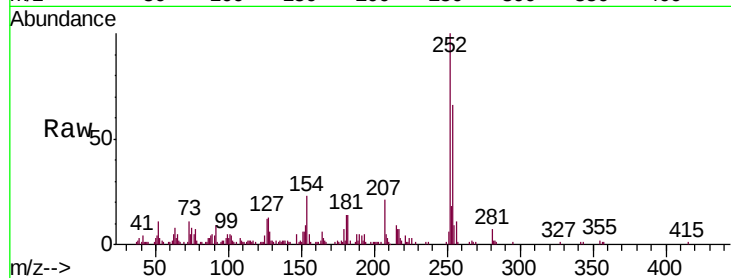




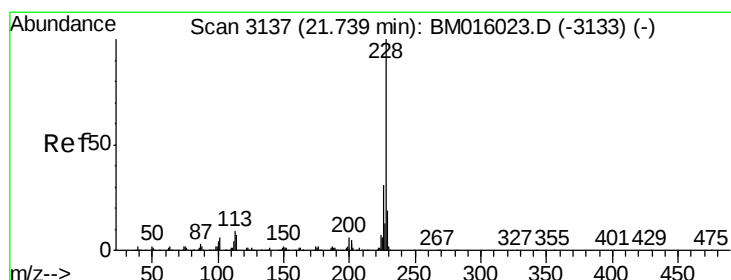
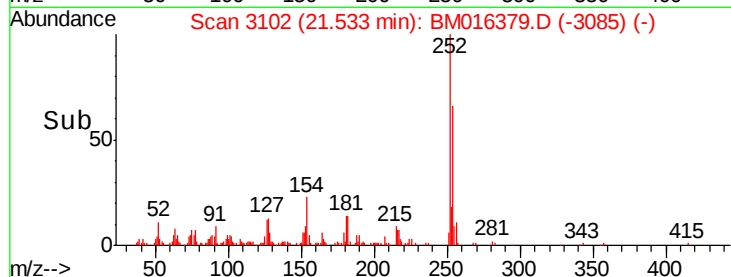
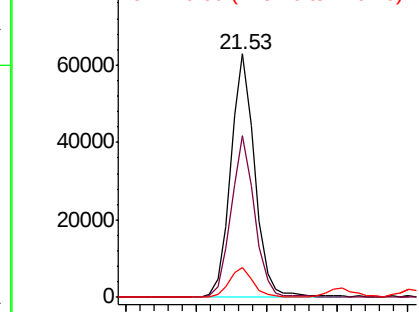
#81
 3,3'-Dichlorobenzidine
 Concen: 31.577 ng
 RT: 21.53 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

Tgt Ion:252 Resp: 74246
 Ion Ratio Lower Upper
 252 100
 254 66.3 51.9 77.9
 126 12.1 9.8 14.8

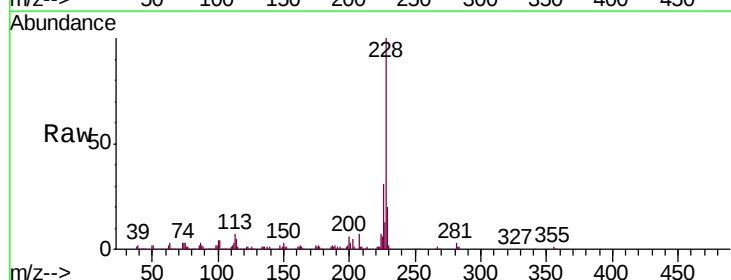


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

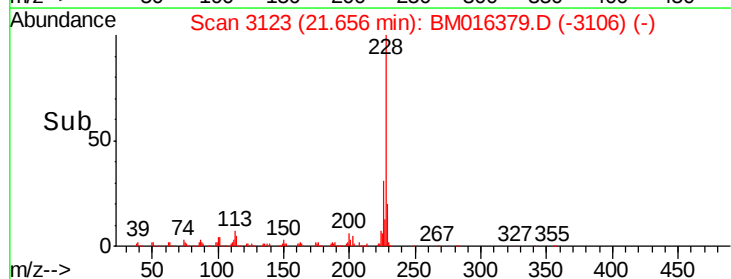
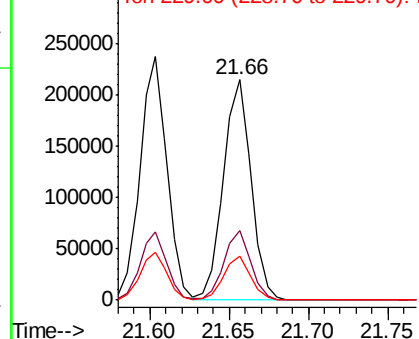


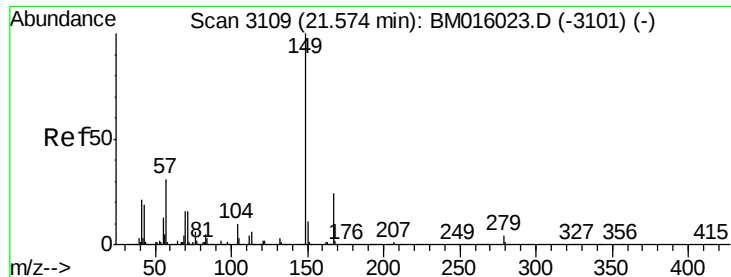
#82
 Chrysene
 Concen: 46.546 ng
 RT: 21.66 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion:228 Resp: 260636
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.1 36.1
 229 19.8 15.5 23.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.150 ng

RT: 21.49 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Instrument :

BNA_M

ClientSampleId :

PB112017BSD

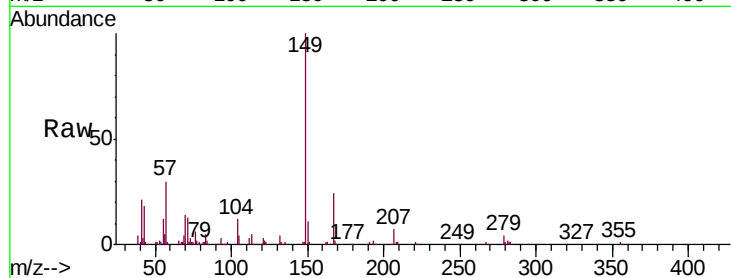
Tgt Ion:149 Resp: 197161

Ion Ratio Lower Upper

149 100

167 23.5 22.4 33.6

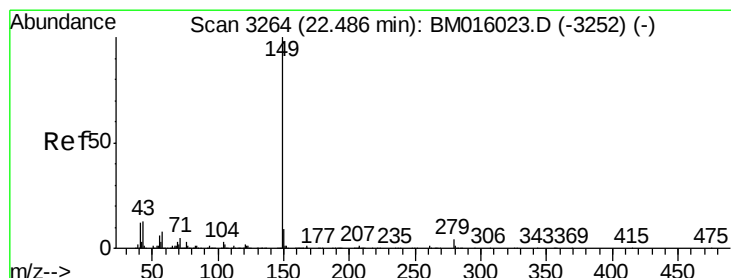
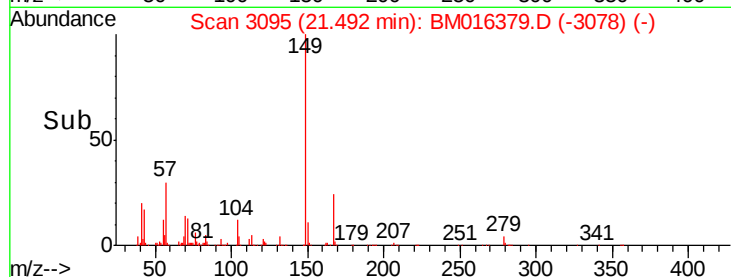
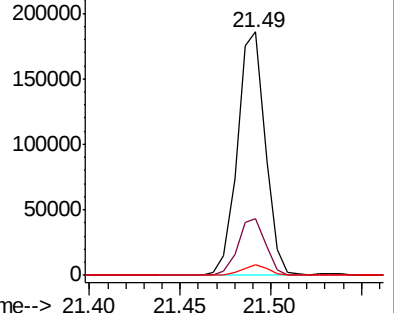
279 4.2 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.328 ng

RT: 22.39 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

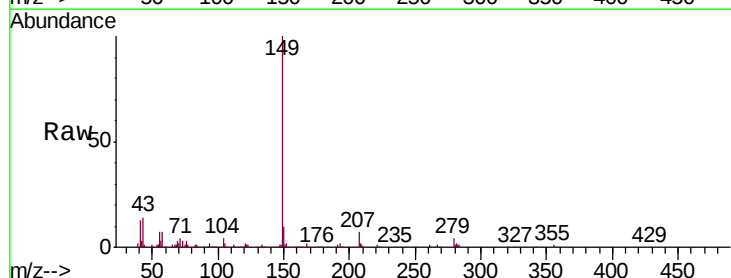
Tgt Ion:149 Resp: 346674

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

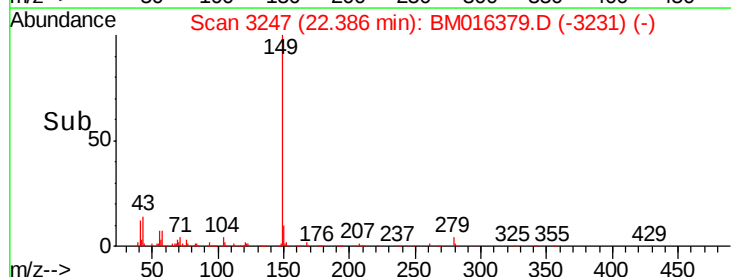
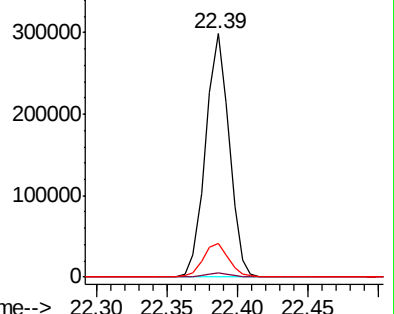
43 14.5 7.3 10.9#

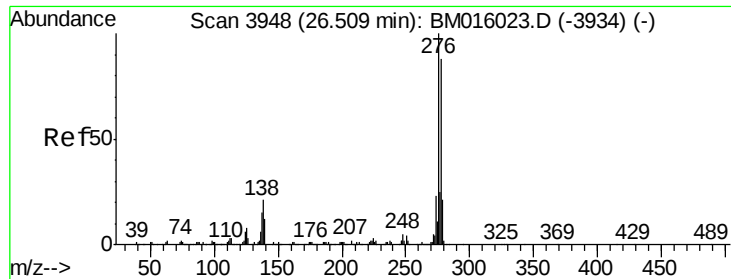


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

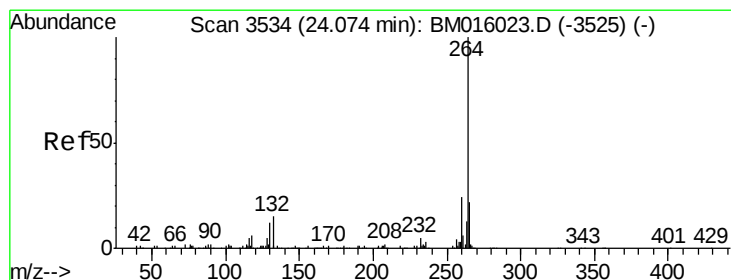
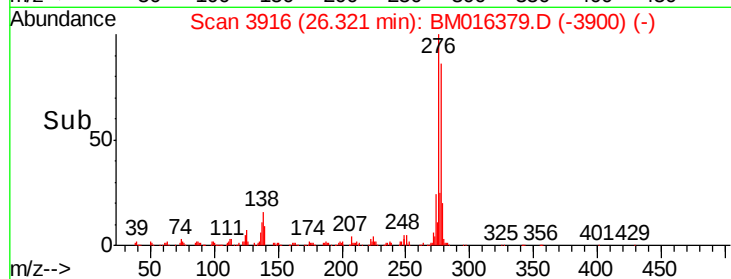
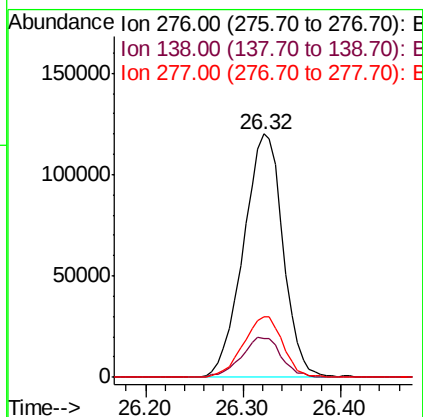
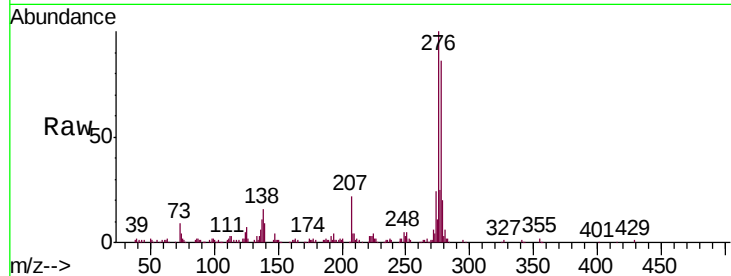




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.192 ng
 RT: 26.32 min Scan# 3916
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

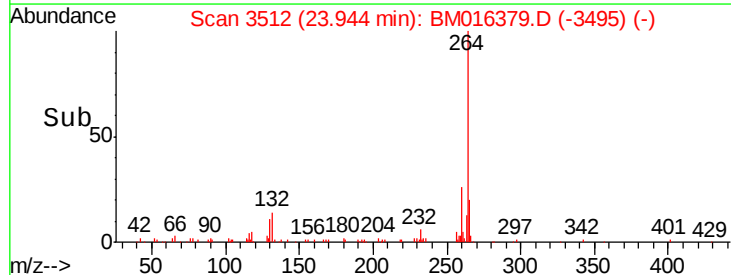
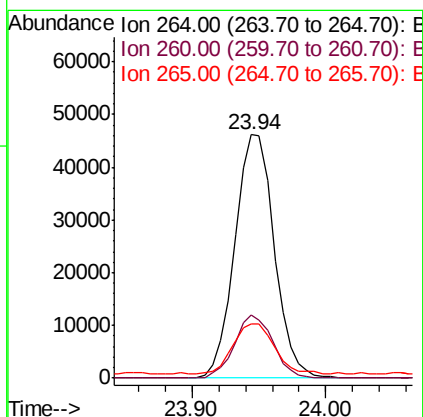
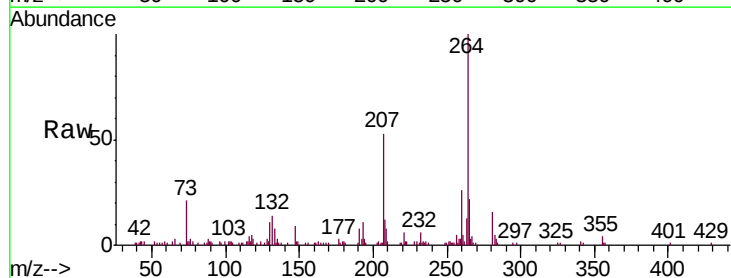
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

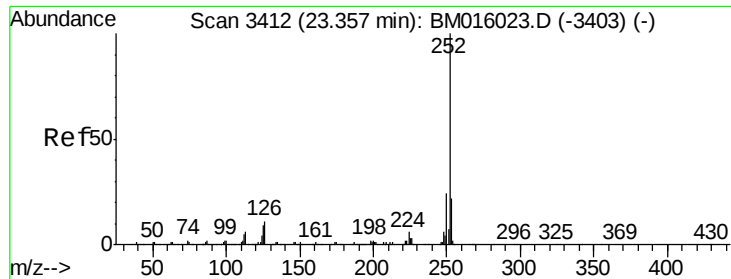
Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	12.0	18.0
277	25.0	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.94 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.2	18.6	27.8
265	22.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 49.157 ng

RT: 23.24 min Scan# 3393

Delta R.T. 0.00 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

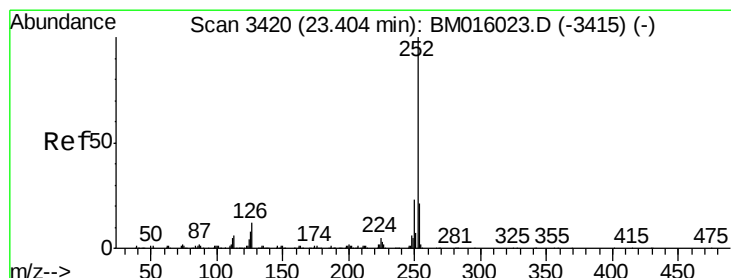
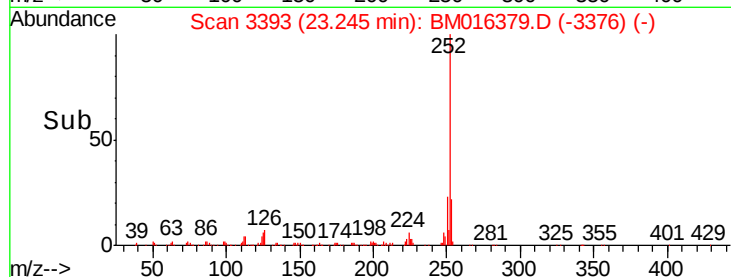
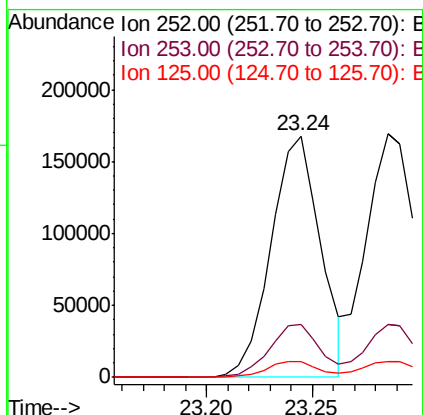
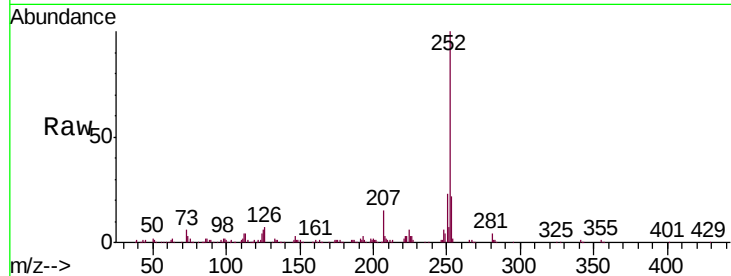
Instrument :

BNA_M

ClientSampleId :

PB112017BSD

Tgt Ion:	252	Resp:	273564
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	6.3	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 49.370 ng

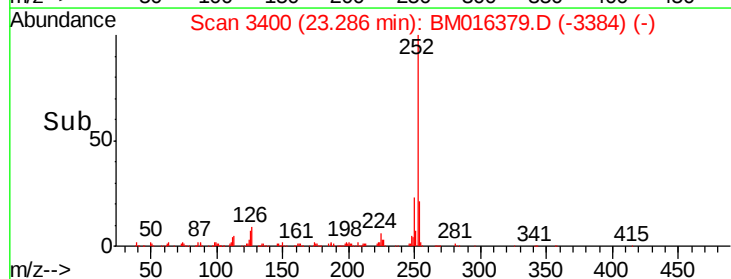
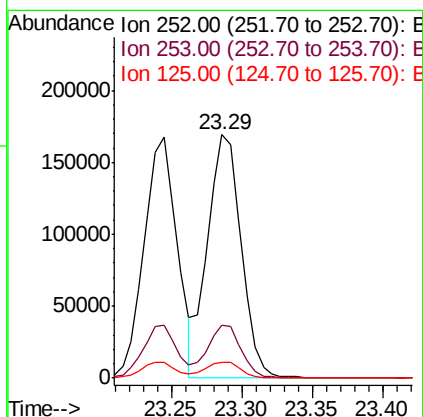
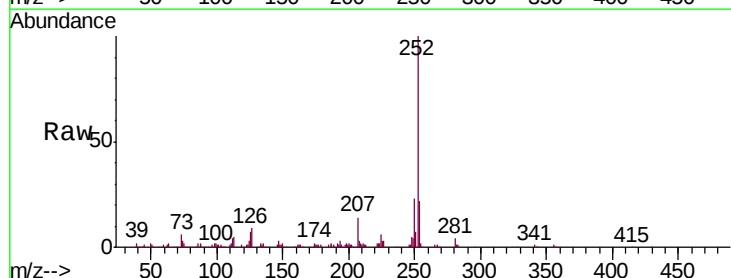
RT: 23.29 min Scan# 3400

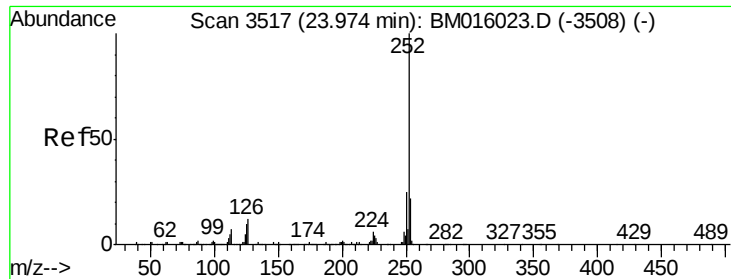
Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Tgt Ion:	252	Resp:	278444
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.2	25.8
125	6.6	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 50.740 ng

RT: 23.84 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

Instrument :

BNA_M

ClientSampleId :

PB112017BSD

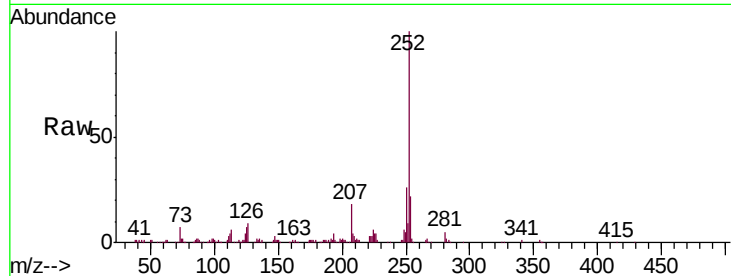
Tgt Ion:252 Resp: 271456

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

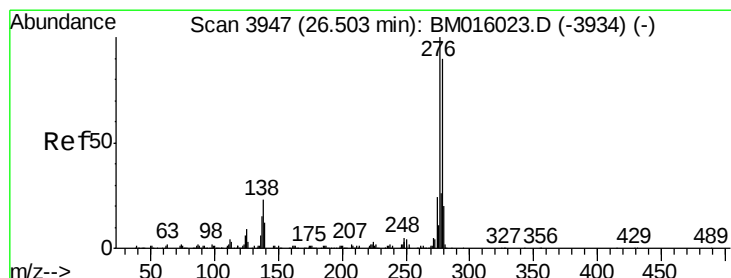
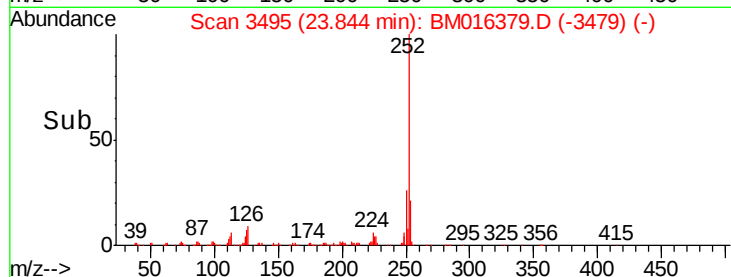
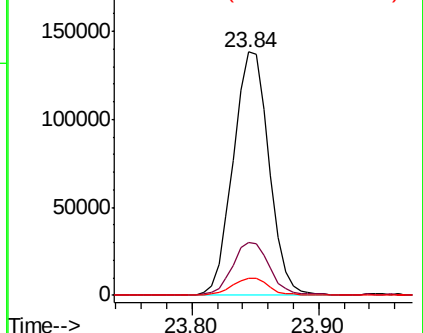
125 6.8 7.4 11.2#



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: 51.925 ng

RT: 26.32 min Scan# 3916

Delta R.T. -0.01 min

Lab File: BM016379.D

Acq: 15 Aug 2018 14:19

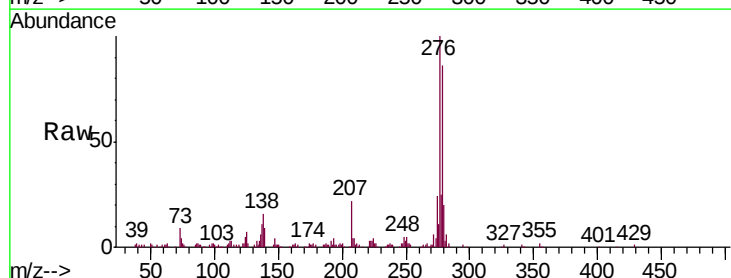
Tgt Ion:278 Resp: 287817

Ion Ratio Lower Upper

278 100

139 10.3 13.4 20.0#

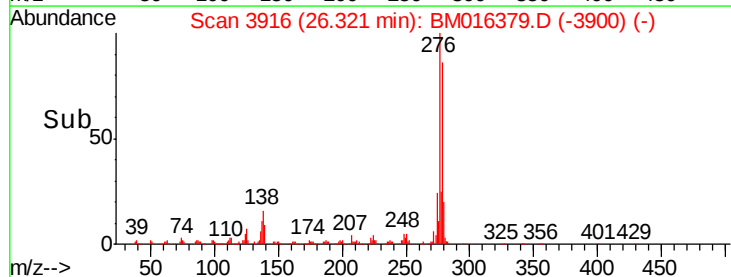
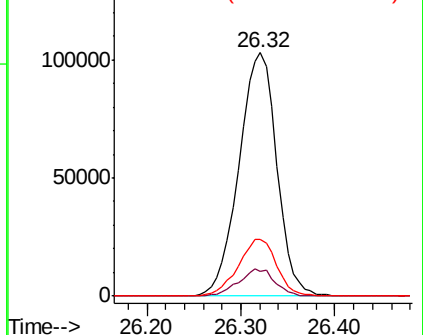
279 23.6 19.0 28.4

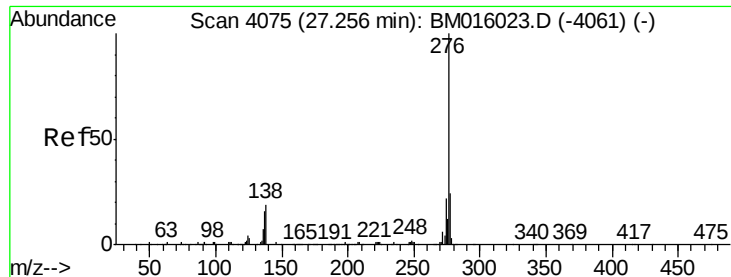


Abundance Ion 278.00 (277.70 to 278.70): E

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: 51.197 ng
 RT: 27.06 min Scan# 4041
 Delta R.T. 0.00 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.5	27.7
138	14.6	19.0	28.6

