

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

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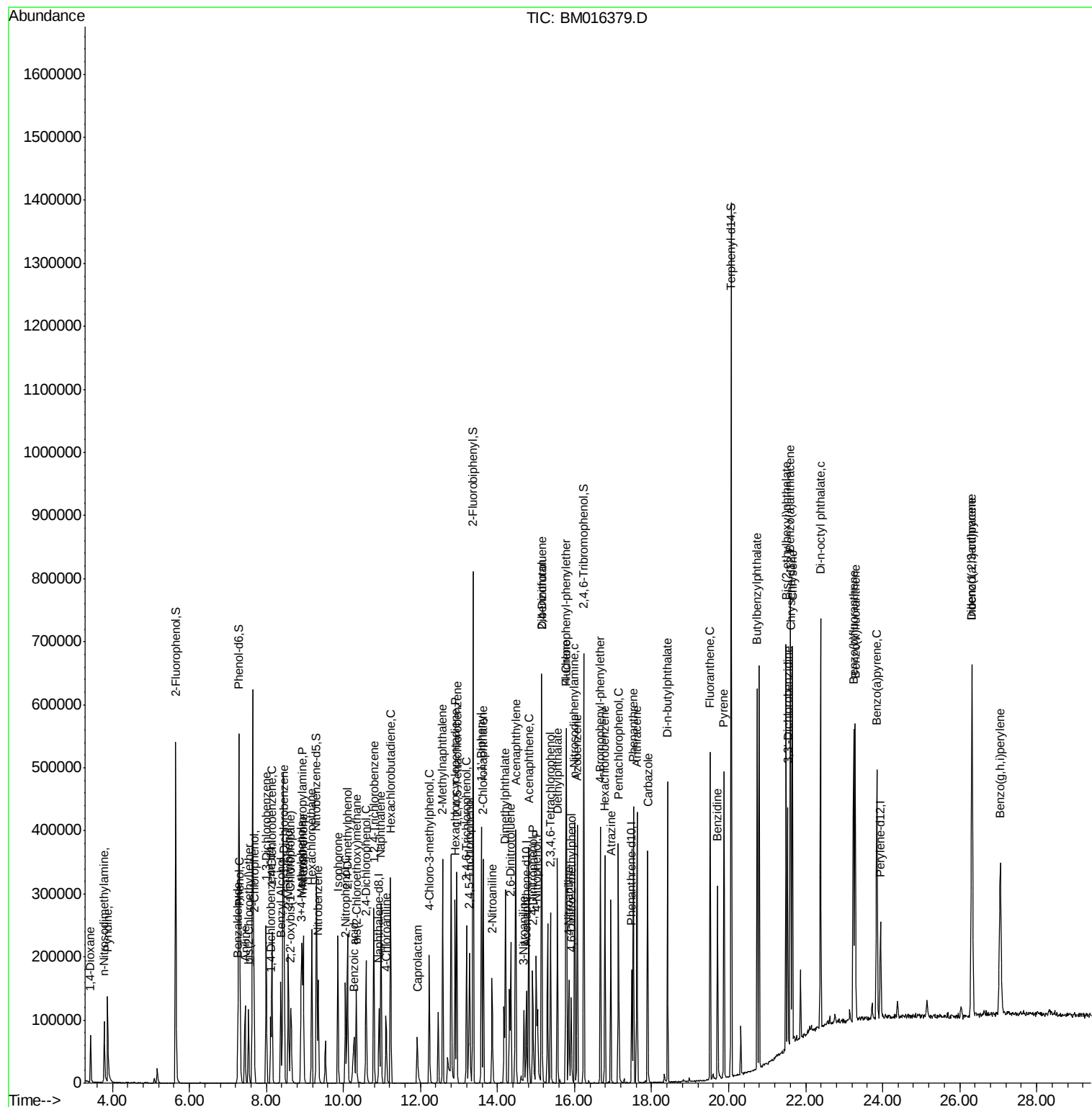
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	40927	49.800	nq	97
43) 2,4,5-Trichlorophenol	13.28	196	43781	51.646	nq #	82
45) 1,1'-Biphenyl	13.58	154	158831	45.615	nq	100
46) 2-Chloronaphthalene	13.63	162	124723	46.053	nq #	87
47) 2-Nitroaniline	13.86	65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

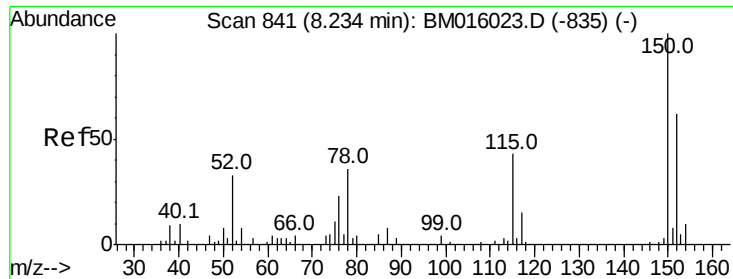
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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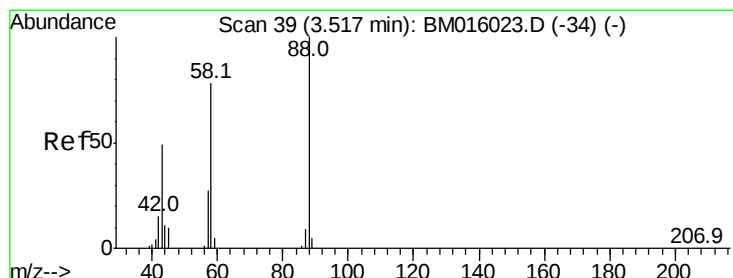
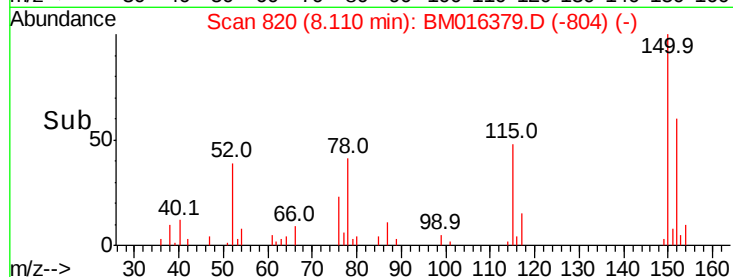
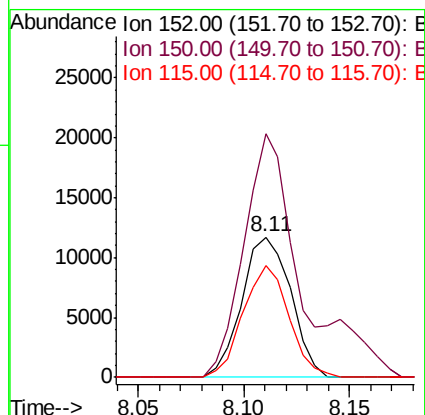
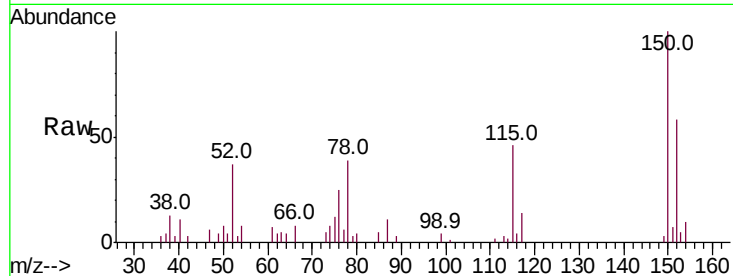


#1

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

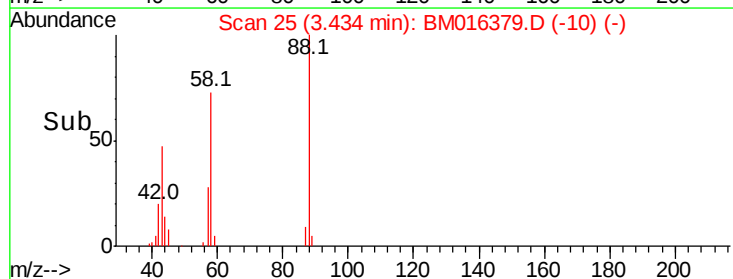
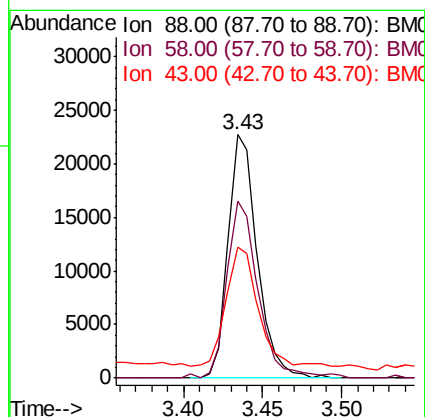
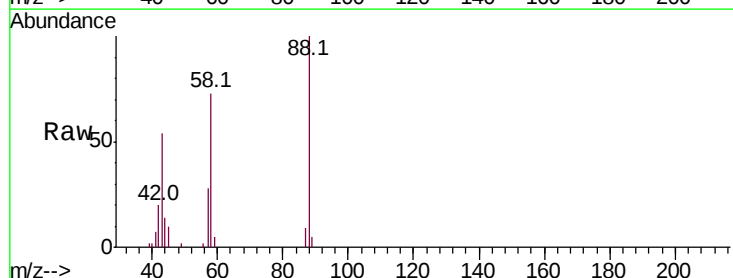
Tot Ion:152 Resp: 18819
 Ion Ratio Lower Upper
 152 100
 150 173.2 119.5 179.3
 115 79.7 43.0 64.4#

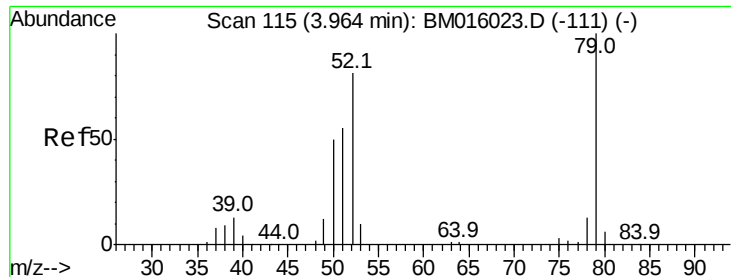


#2

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

Pvridine

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

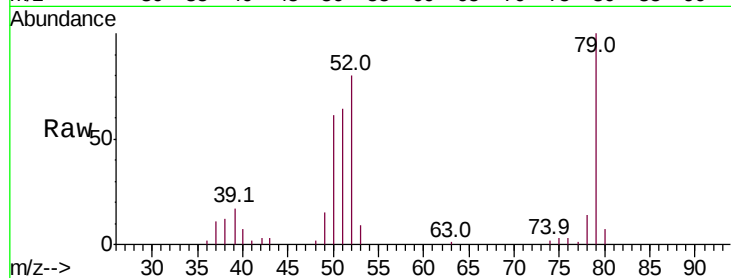
Tot Ion: 79 Resp: 58379

Ion Ratio Lower Upper

79 100

52 80.3 51.1 76.7#

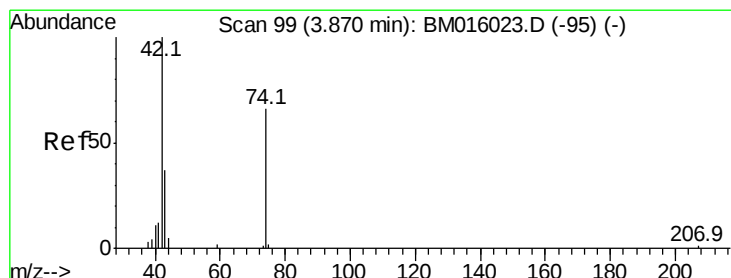
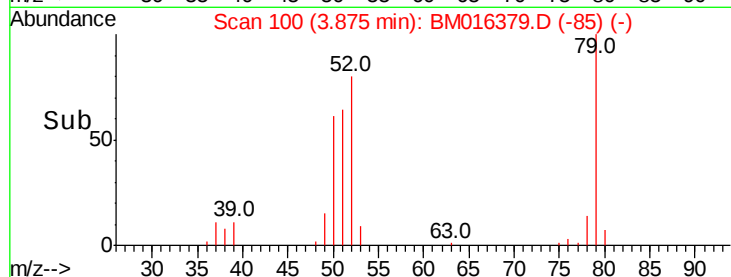
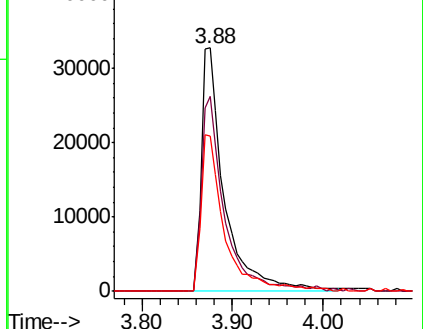
51 63.7 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016023.D (-111) (-)

Ion 52.00 (51.70 to 52.70): BM016023.D (-111) (-)

Ion 51.00 (50.70 to 51.70): BM016023.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

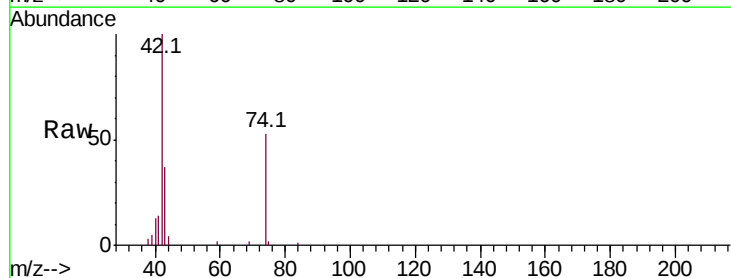
Tgt Ion: 42 Resp: 66918

Ion Ratio Lower Upper

42 100

74 53.0 119.3 178.9#

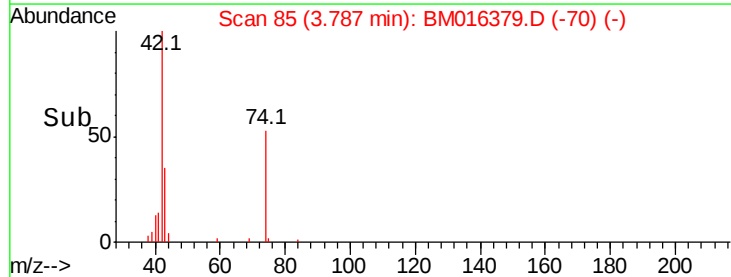
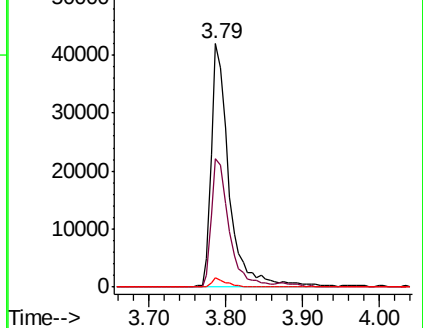
44 3.7 5.4 8.2#

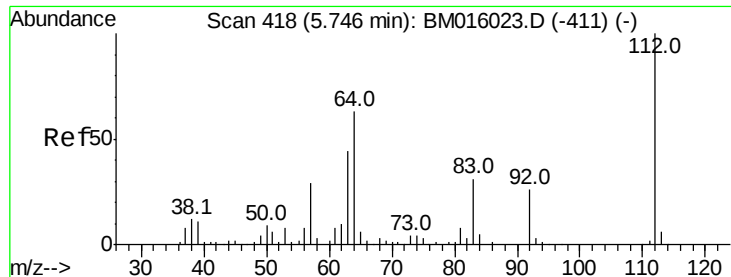


Abundance Ion 42.00 (41.70 to 42.70): BM016023.D (-95) (-)

Ion 74.00 (73.70 to 74.70): BM016023.D (-95) (-)

Ion 44.00 (43.70 to 44.70): BM016023.D (-95) (-)





#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

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BNA_M

ClientSampleId :

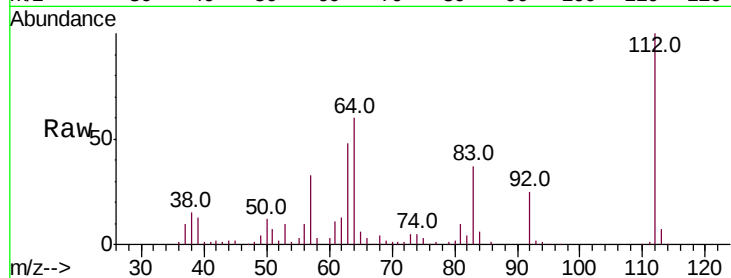
PB112017BSD

Tot Ion:112 Resp: 166110
Ion Ratio Lower Upper

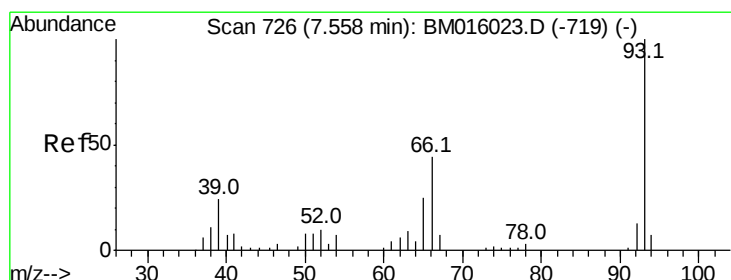
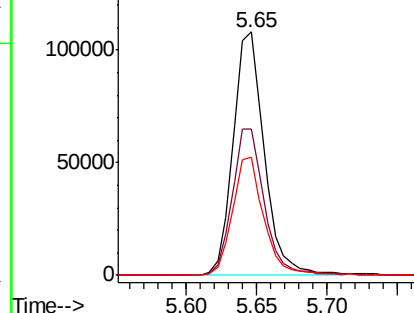
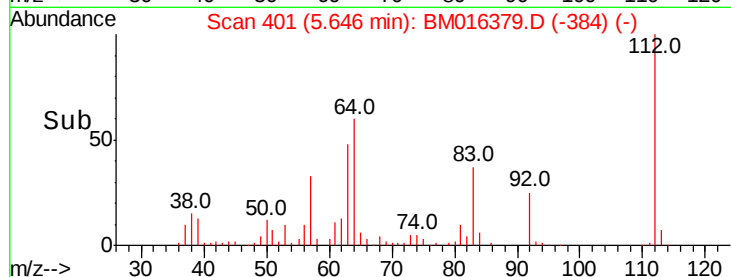
112 100

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

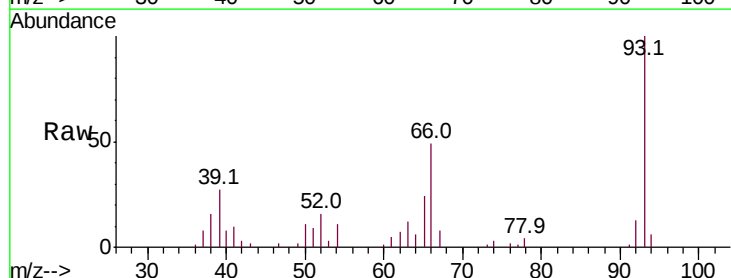
Acq: 15 Aug 2018 14:19

Tgt Ion: 93 Resp: 55573
Ion Ratio Lower Upper

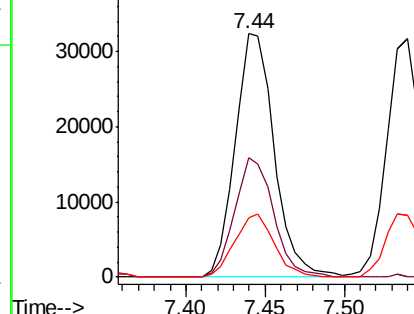
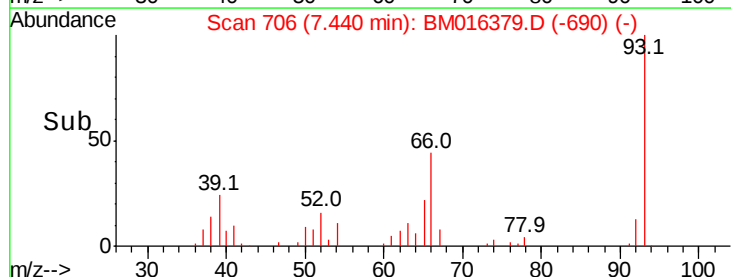
93 100

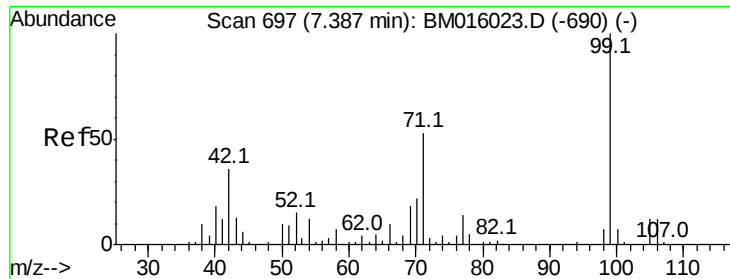
66 49.3 30.8 46.2#

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

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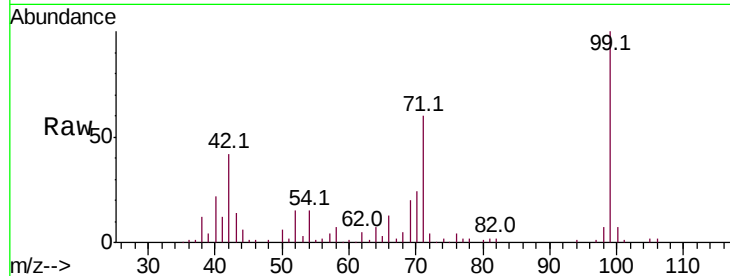
Tot Ion: 99 Resp: 190399

Ion Ratio Lower Upper

99 100

42 41.7 11.0 16.4#

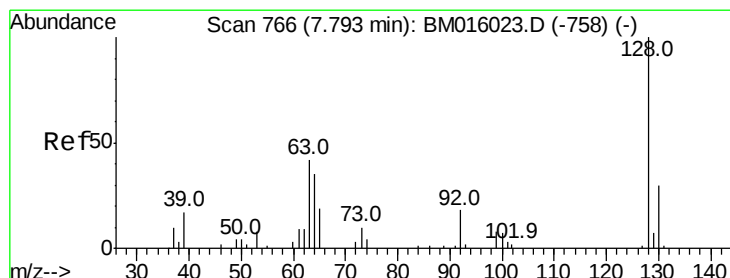
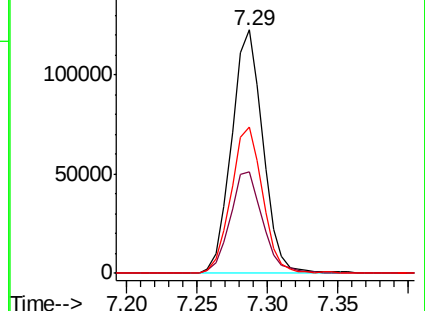
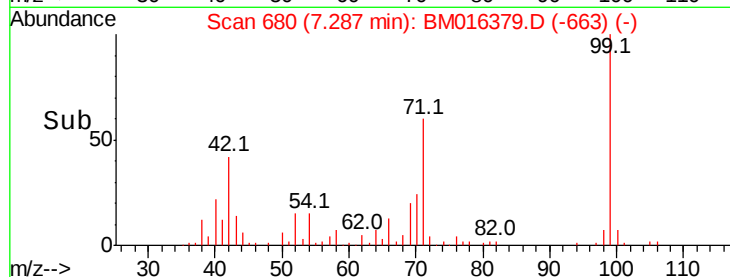
71 60.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016379.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016379.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016379.D (-690) (-)



#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

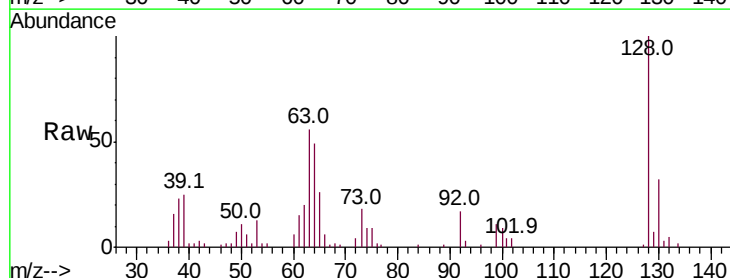
Tgt Ion: 128 Resp: 61613

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

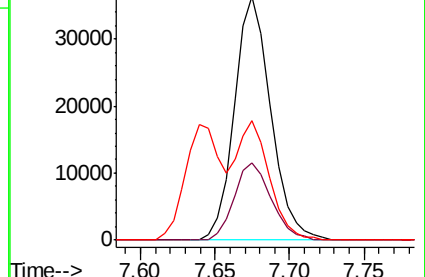
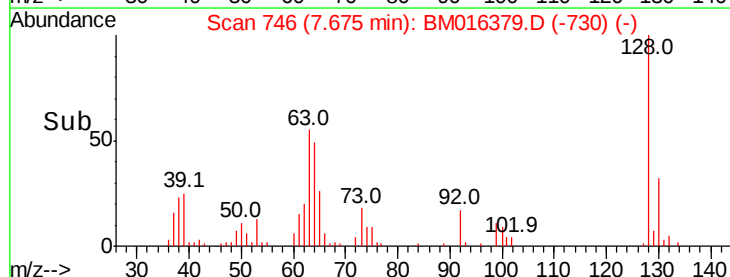
64 48.8 24.9 64.9

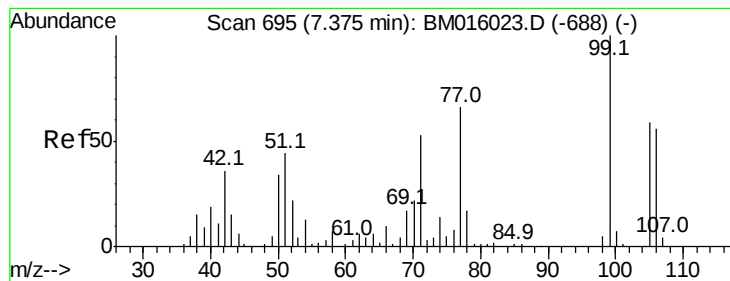


Abundance Ion 128.00 (127.70 to 128.70): BM016379.D (-730) (-)

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

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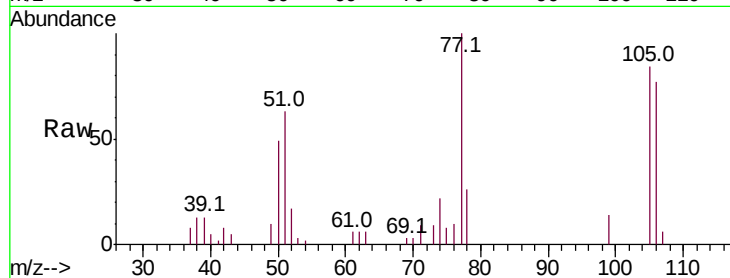
Tot Ion: 77 Resp: 29524

Ion Ratio Lower Upper

77 100

105 83.7 78.8 118.8

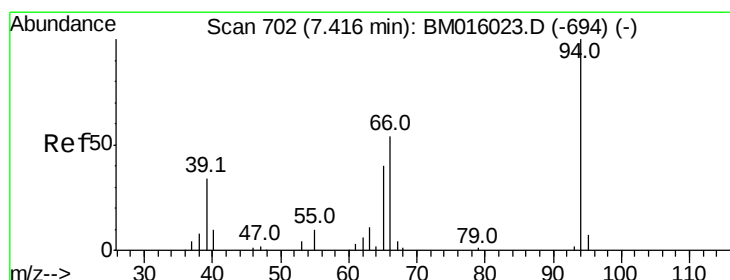
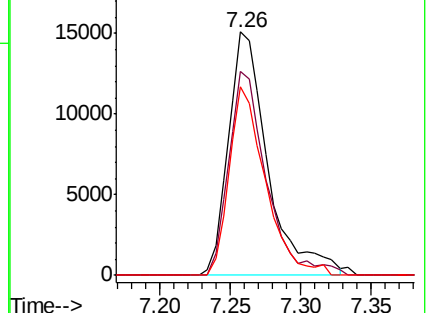
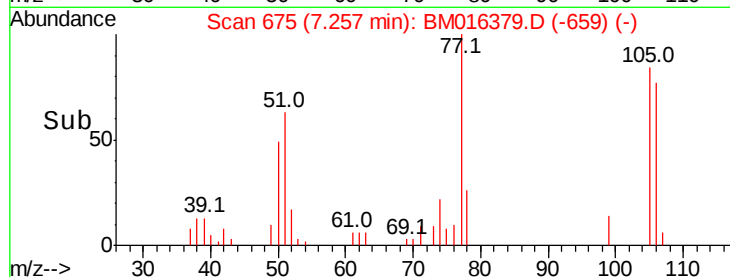
106 77.5 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016379.D (-688) (-)

Ion 105.00 (104.70 to 105.70): BM016379.D (-688) (-)

Ion 106.00 (105.70 to 106.70): BM016379.D (-688) (-)



#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

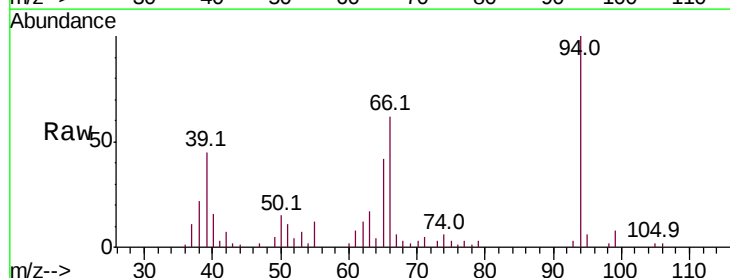
Tgt Ion: 94 Resp: 64121

Ion Ratio Lower Upper

94 100

65 42.4 18.8 58.8

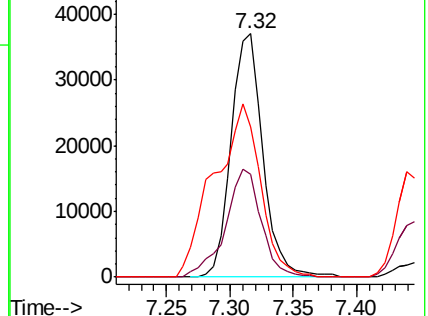
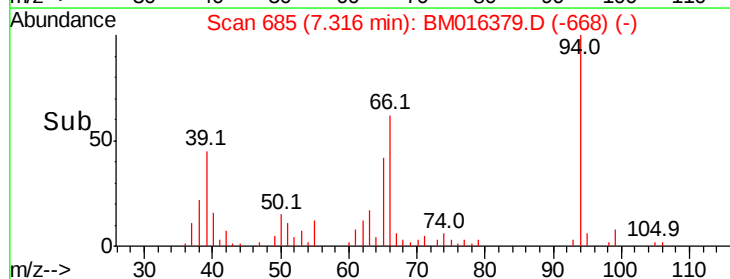
66 61.9 39.9 79.9

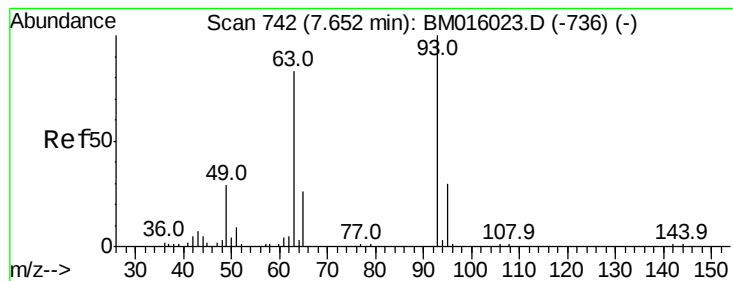


Abundance Ion 94.00 (93.70 to 94.70): BM016379.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM016379.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM016379.D (-668) (-)





#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

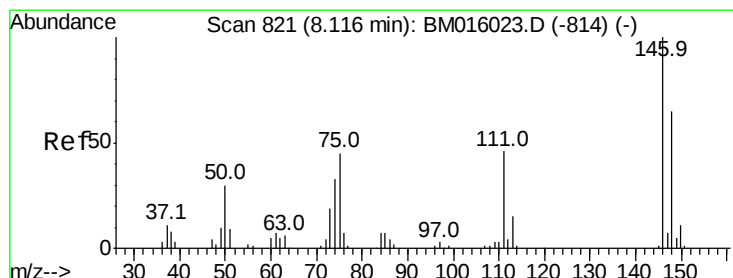
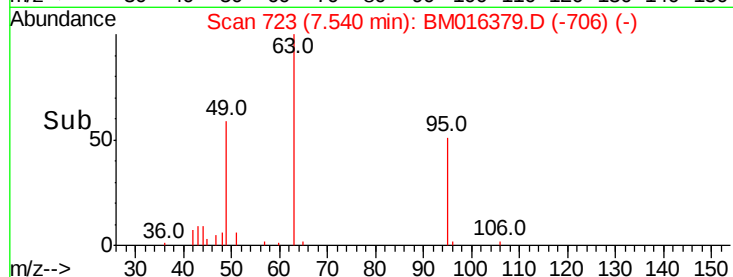
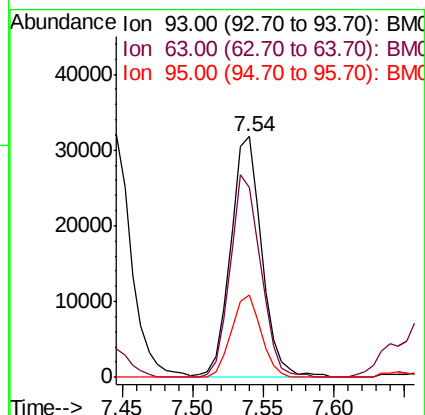
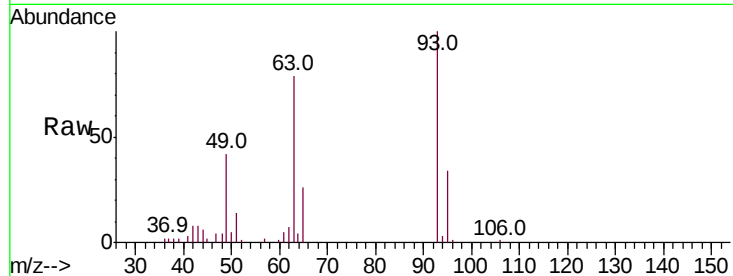
Tot Ion: 93 Resp: 49068

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

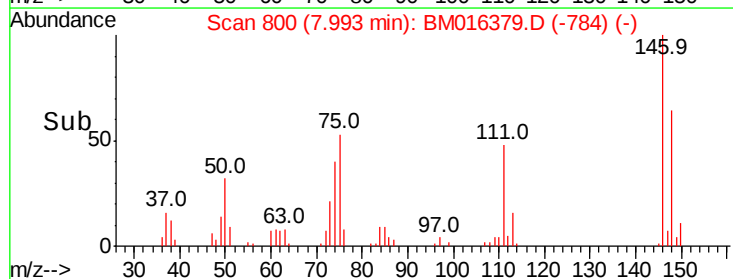
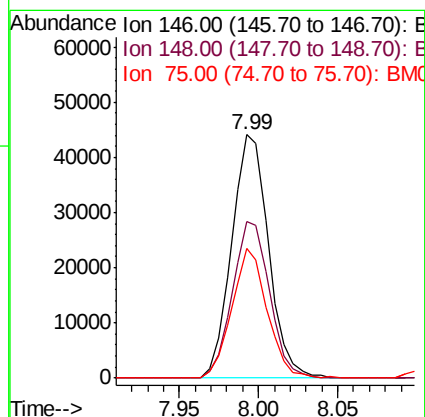
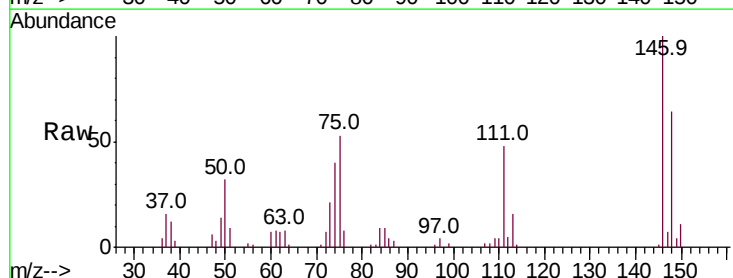
Tgt Ion: 146 Resp: 71028

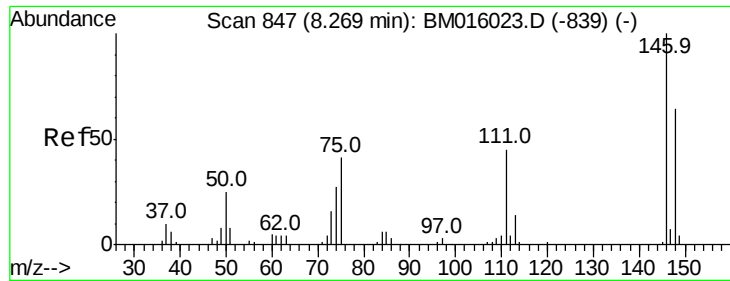
Ion Ratio Lower Upper

146 100

148 64.3 50.9 76.3

75 53.5 21.4 32.2#

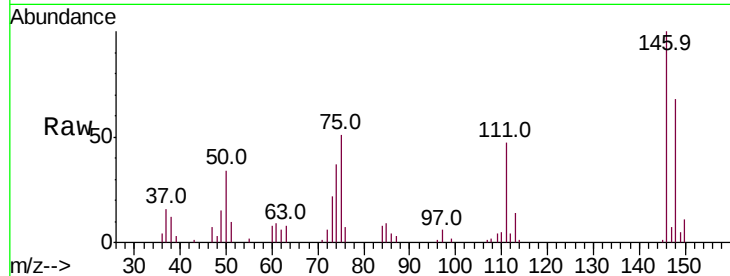




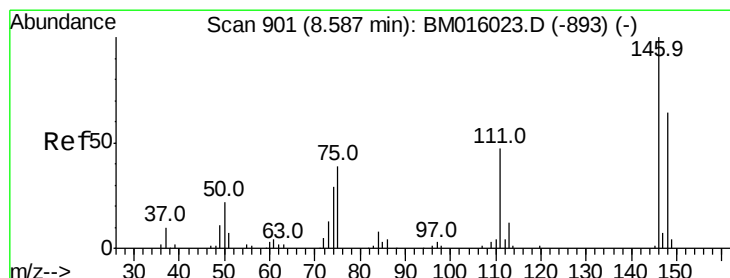
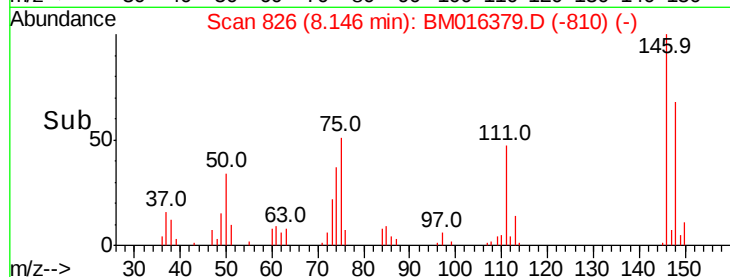
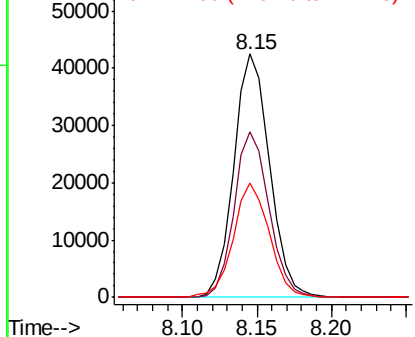
#13
 1,4-Dichlorobenzene
 Concen: 44.359 ng
 RT: 8.15 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

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

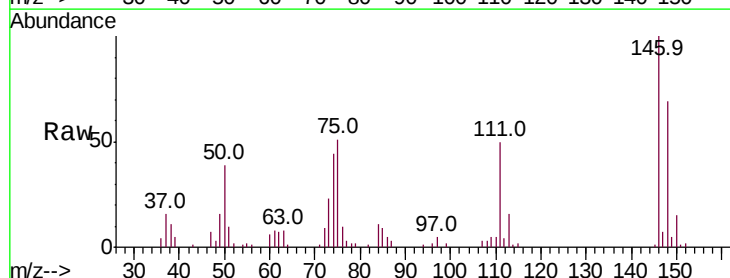


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

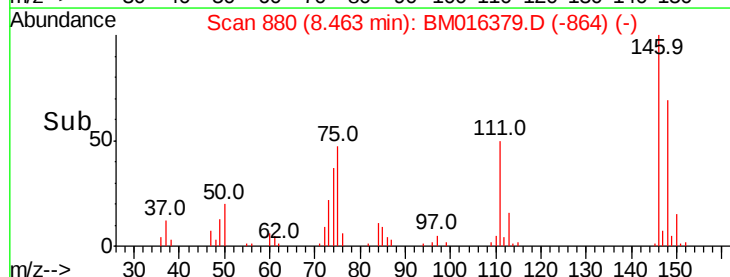
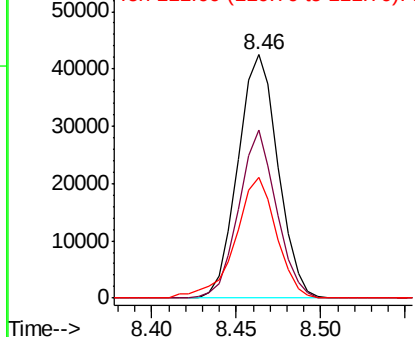


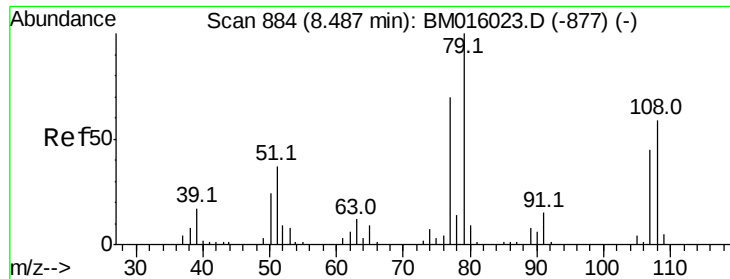
#14
 1,2-Dichlorobenzene
 Concen: 44.860 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

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

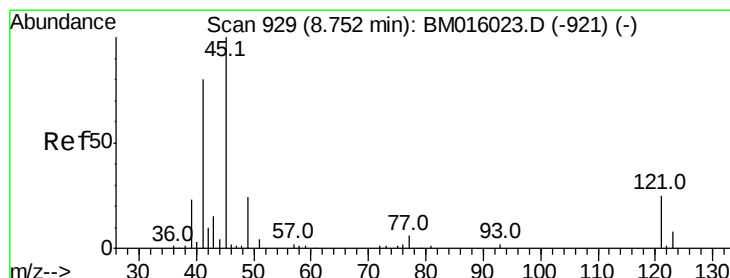
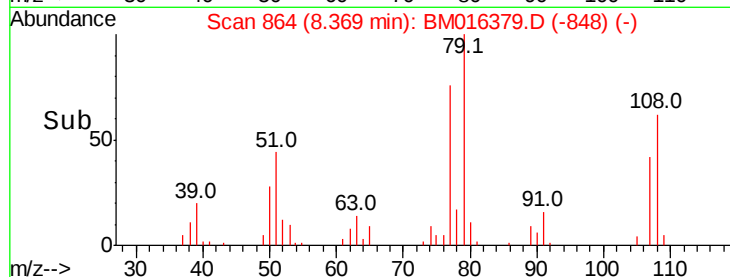
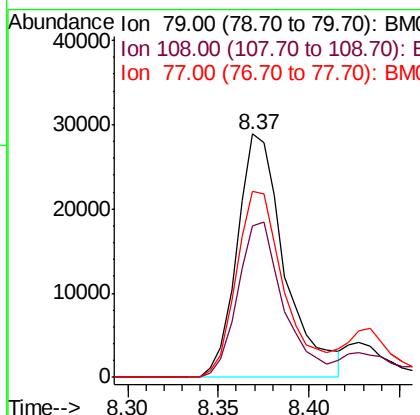
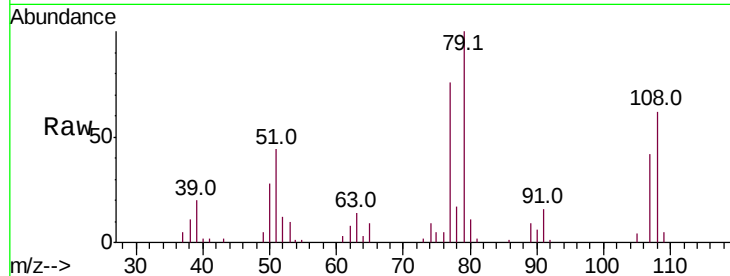




#15
Benzyl Alcohol
Concen: 44.761 ng
RT: 8.37 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

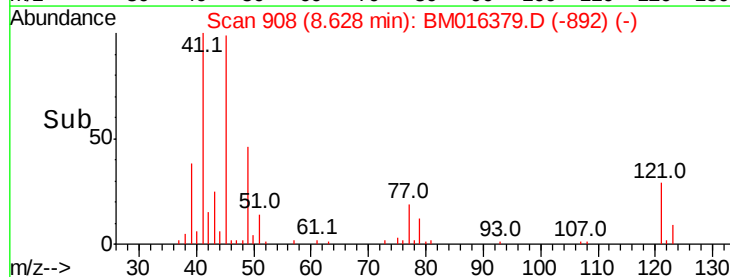
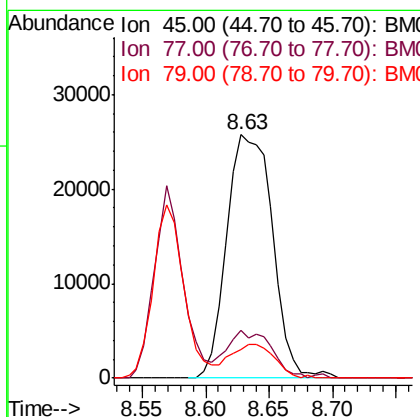
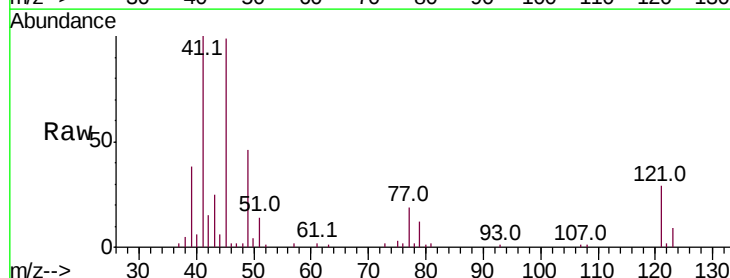
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

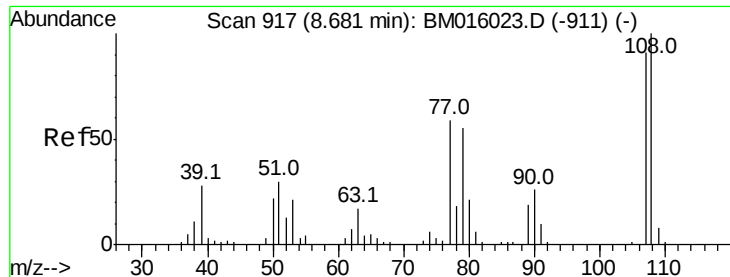
Tot Ion: 79 Resp: 52731
Ion Ratio Lower Upper
79 100
108 62.1 65.0 97.4#
77 76.2 53.0 79.6



#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

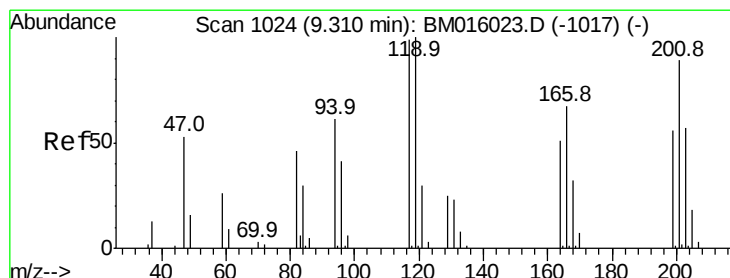
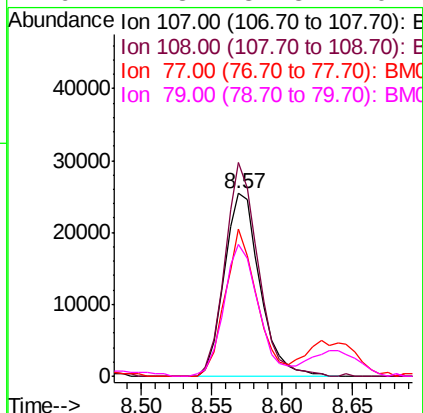
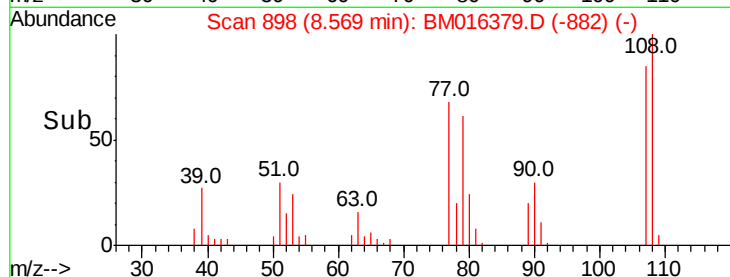
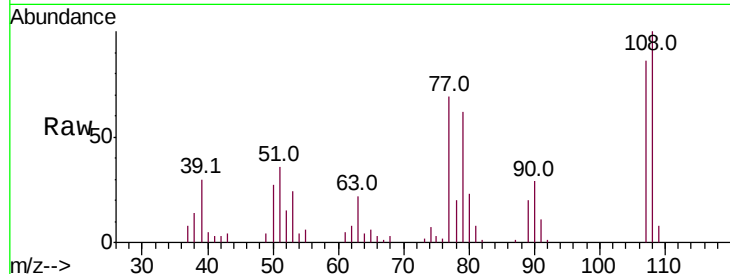




#17
2-Methylphenol
Concen: 44.150 ng
RT: 8.57 min Scan# 898
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

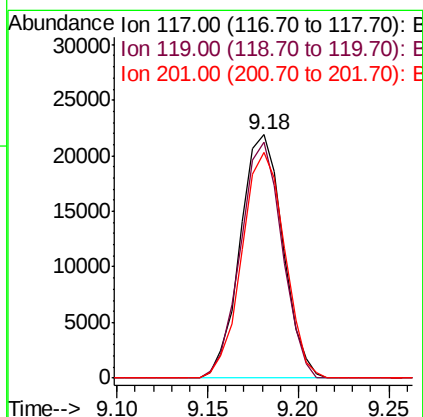
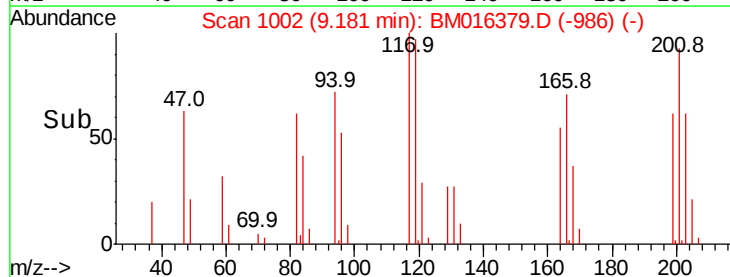
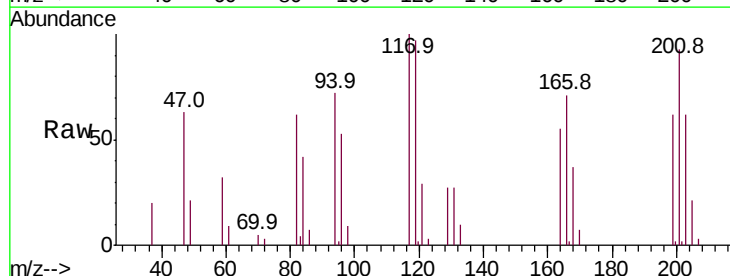
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

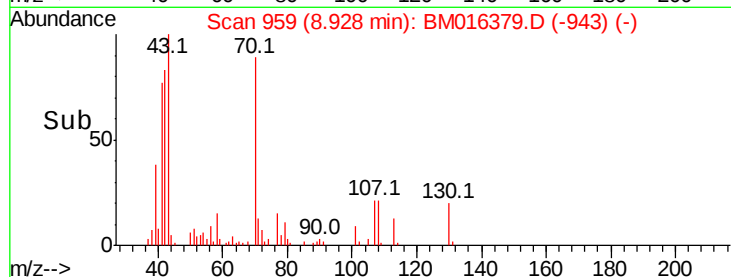
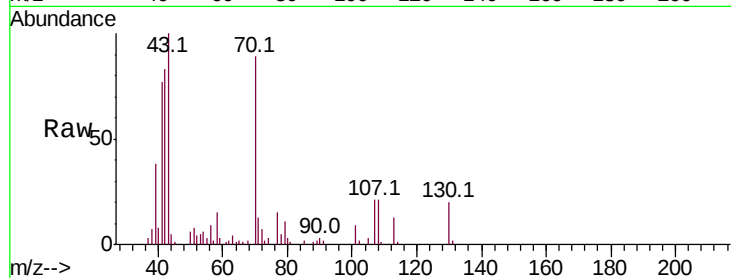
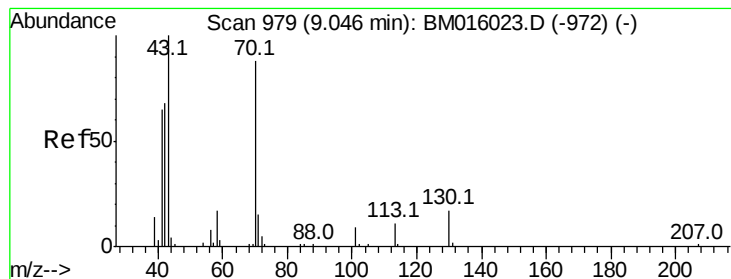
Tot Ion:107 Resp: 44644
Ion Ratio Lower Upper
107 100
108 116.7 89.8 134.8
77 80.1 32.6 48.8#
79 72.3 32.8 49.2#



#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

Tot Ion: 70 Resp: 44159

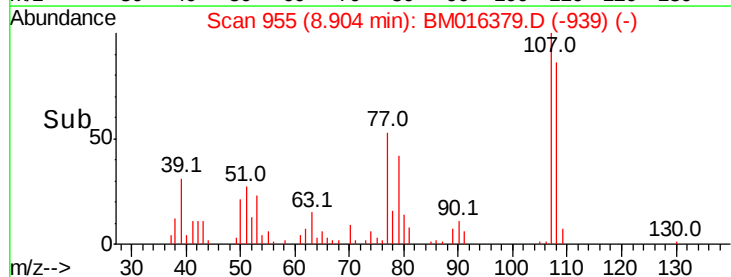
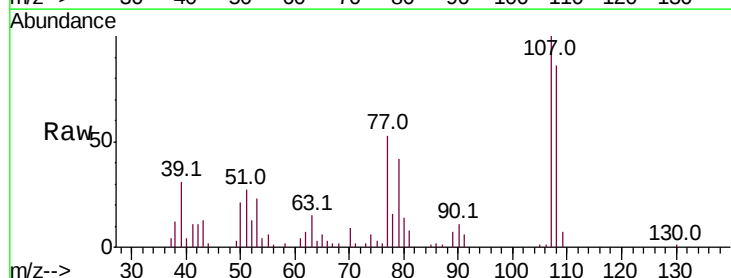
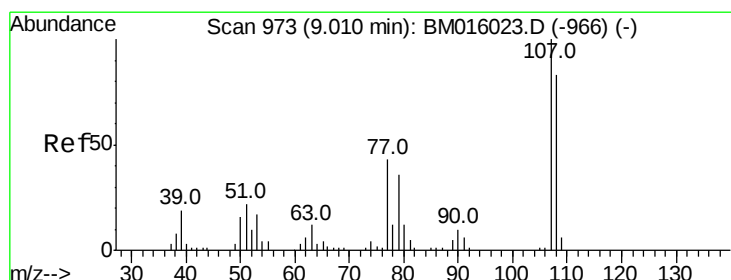
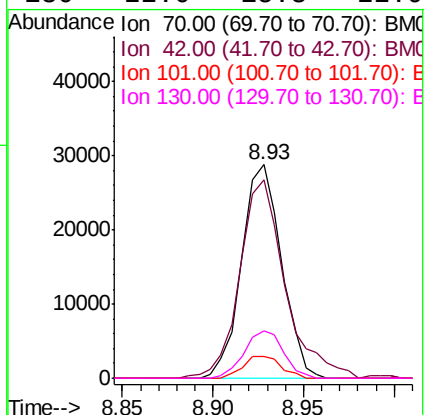
Ion Ratio Lower Upper

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

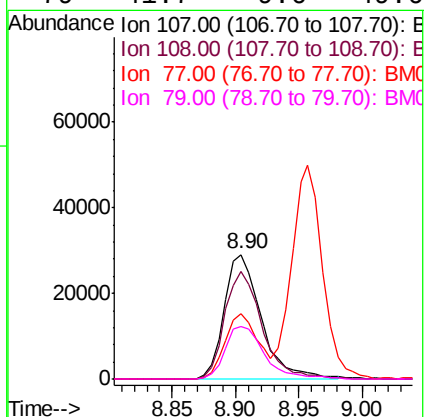
Ion Ratio Lower Upper

107 100

108 85.9 73.2 113.2

77 52.5 10.7 50.7#

79 41.7 9.6 49.6

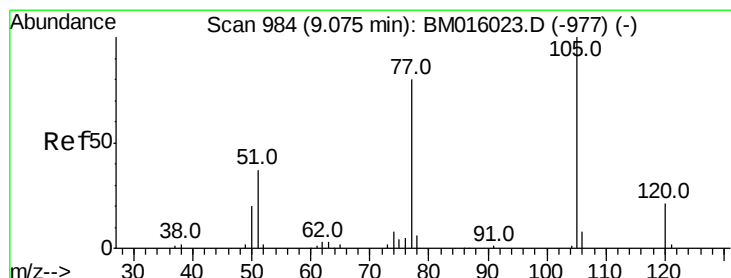
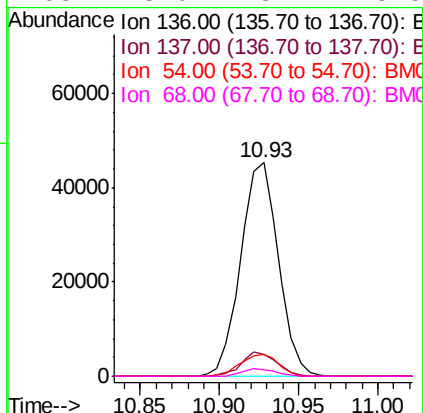
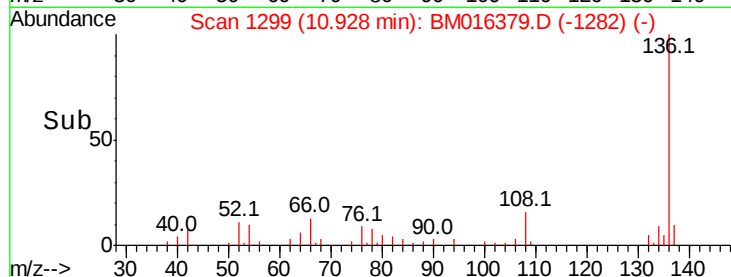
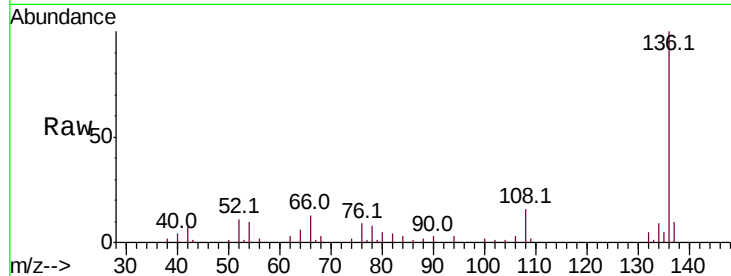




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

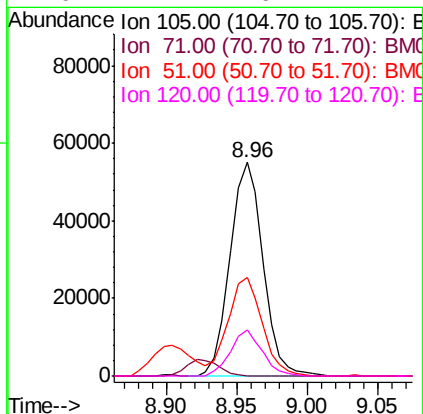
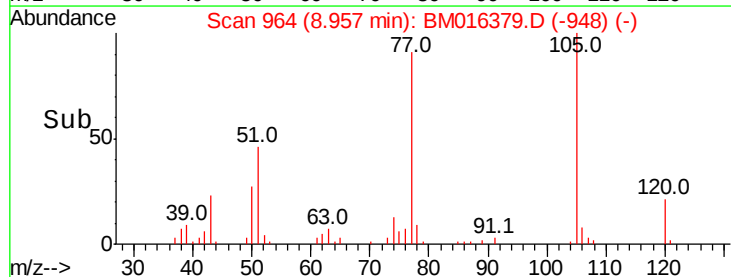
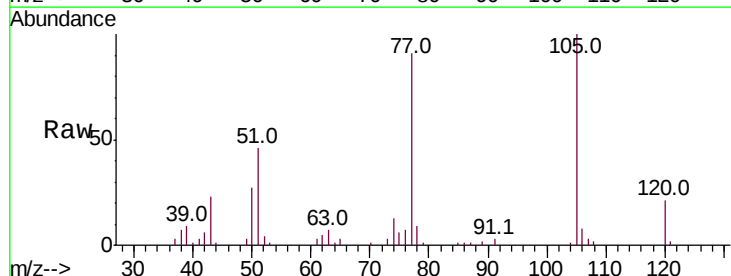
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

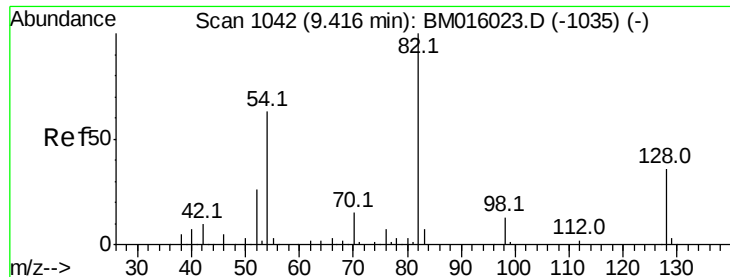
Tot Ion:	136	Resp:	74962
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	10.2	4.6	6.8#
68	3.0	3.7	5.5#



#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

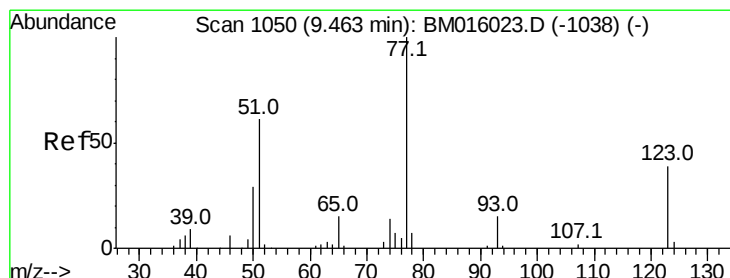
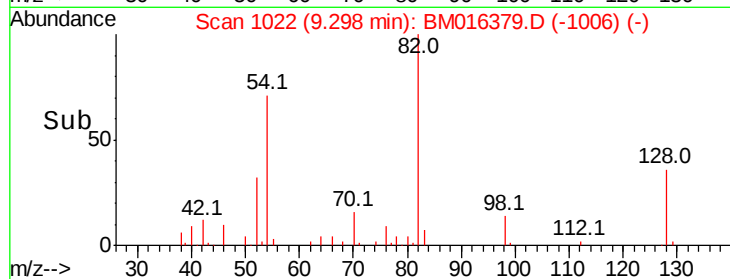
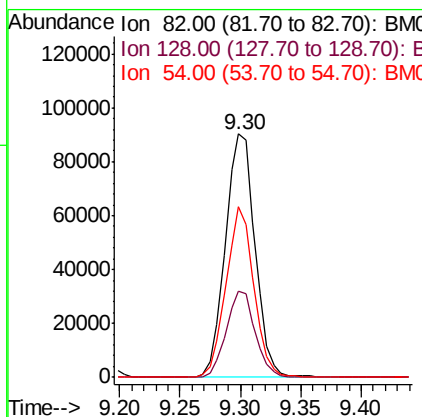
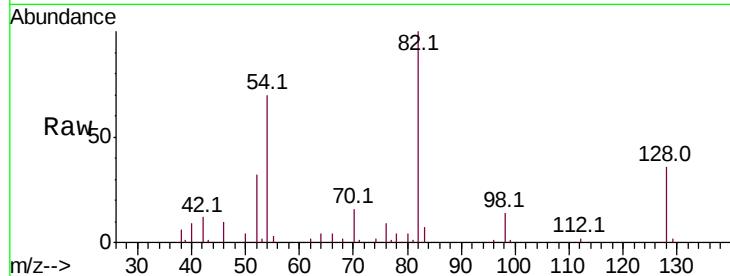




#23
 Nitrobenzene-d5
 Concen: 47.664 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

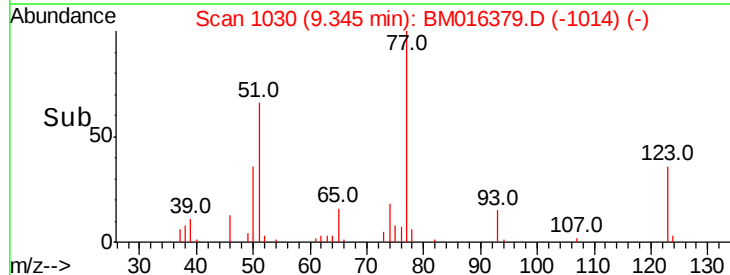
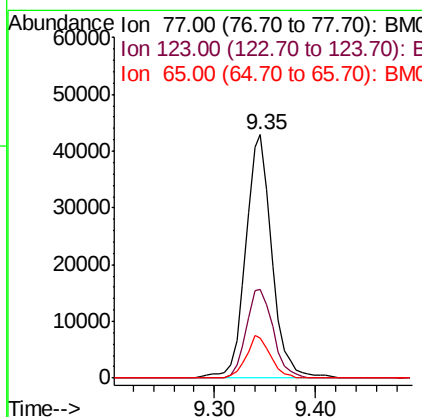
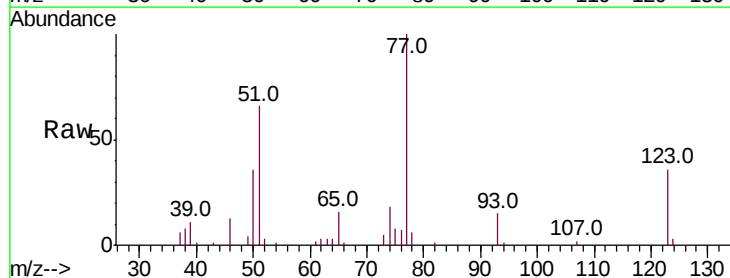
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

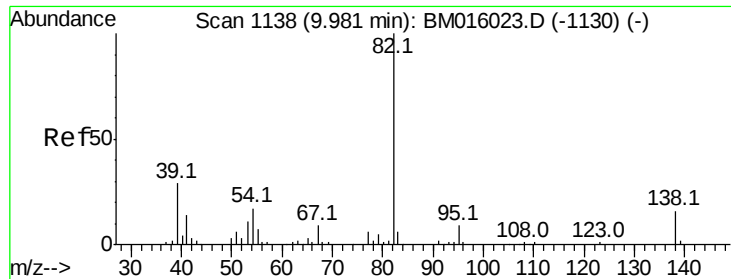
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.6	32.8	49.2
54	70.1	40.6	60.8#



#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	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

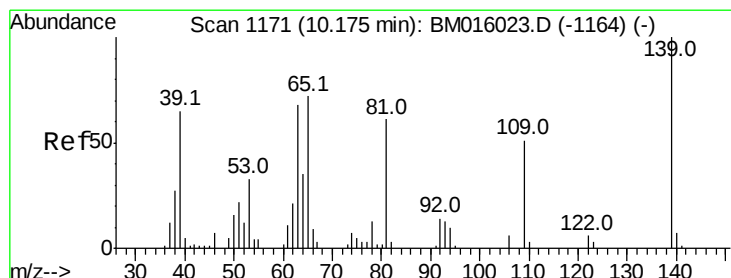
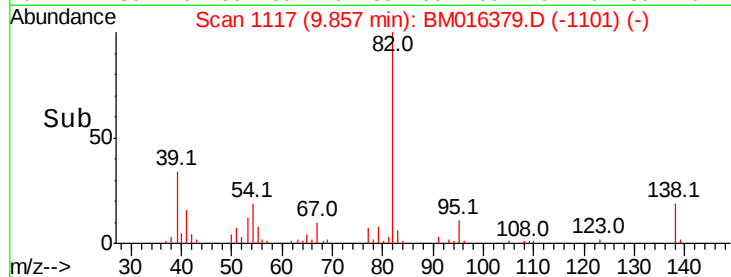
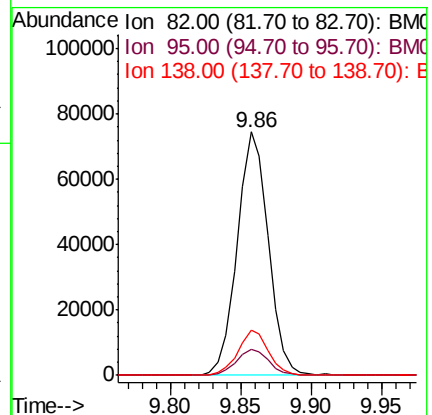
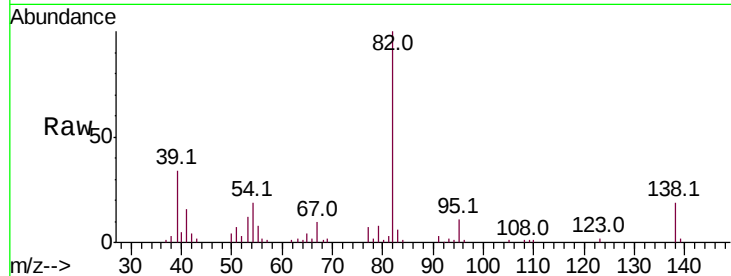
Tot Ion: 82 Resp: 114168

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

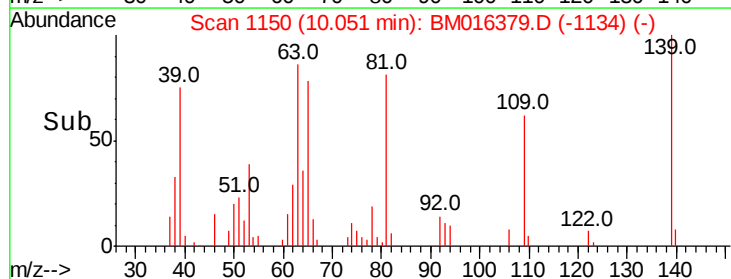
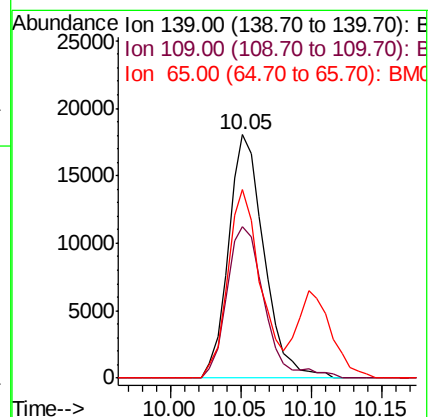
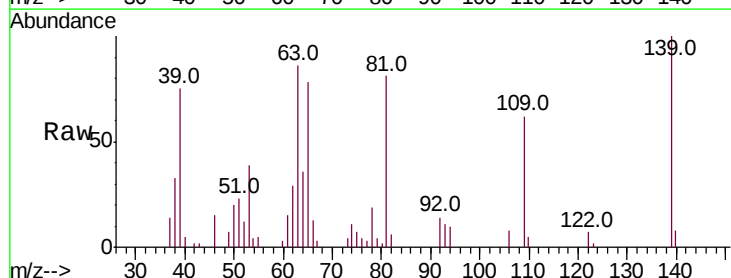
Tgt Ion: 139 Resp: 31623

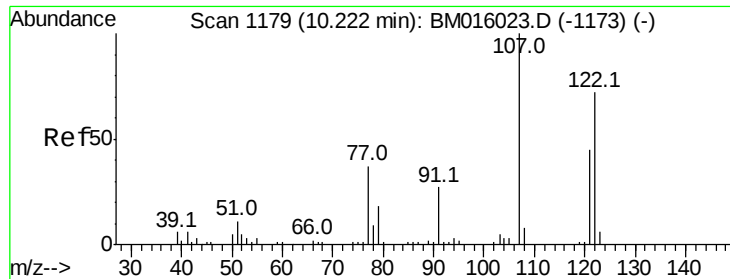
Ion Ratio Lower Upper

139 100

109 62.2 20.1 30.1#

65 77.6 31.5 47.3#

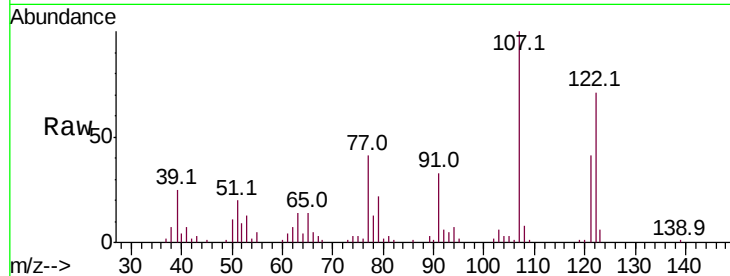




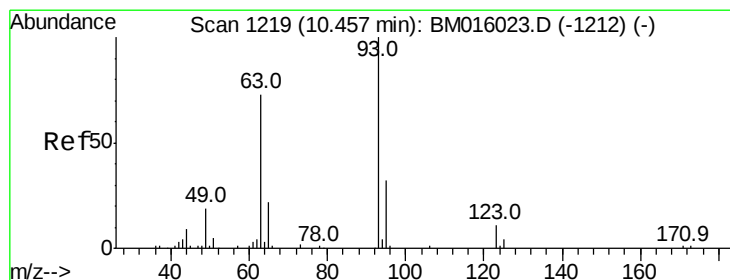
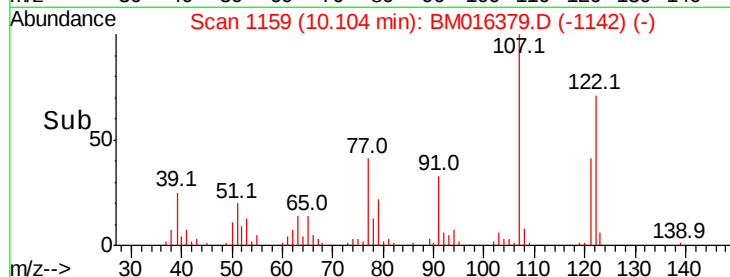
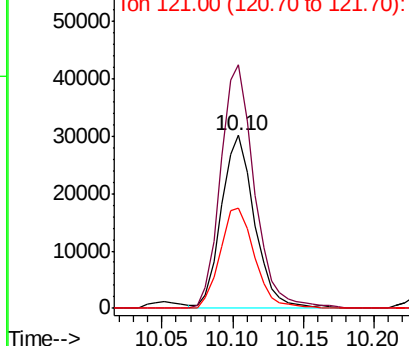
#27
 2,4-Dimethylphenol
 Concen: 52.798 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

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

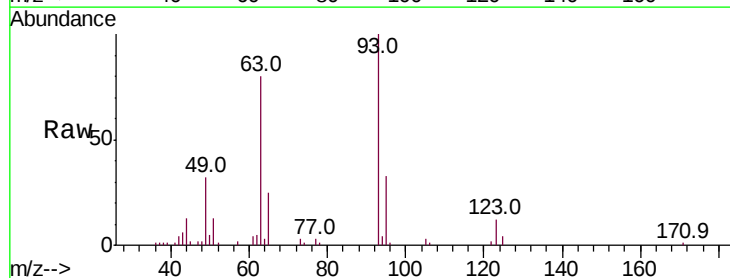


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

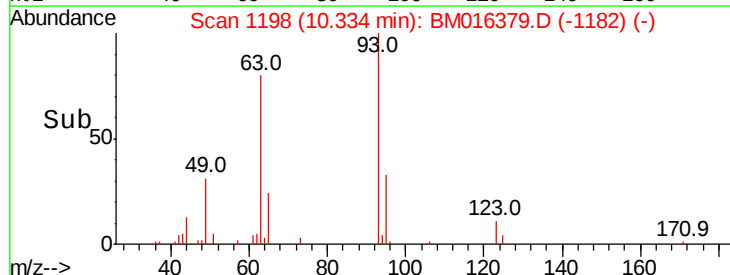
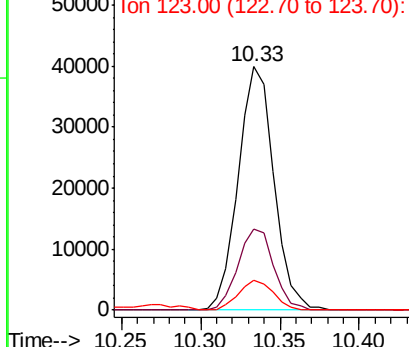


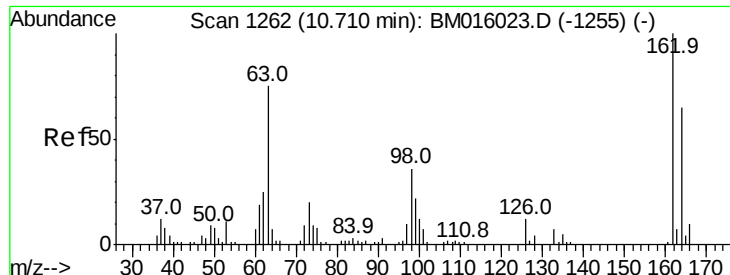
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.523 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

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

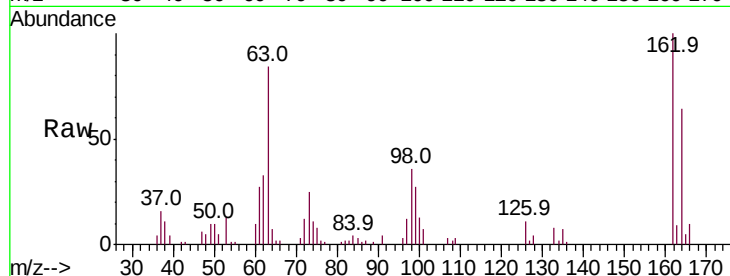




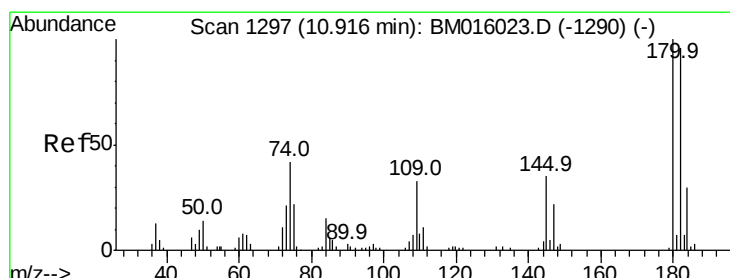
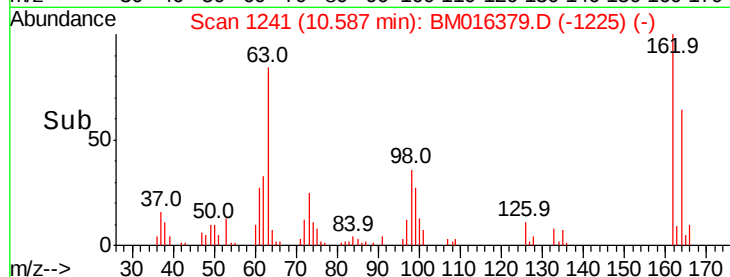
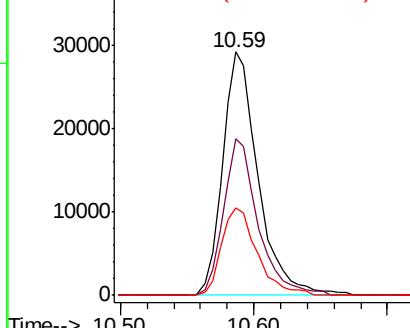
#29
 2,4-Dichlorophenol
 Concen: 48.314 ng
 RT: 10.59 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.8	82.8
98	35.8	14.5	54.5

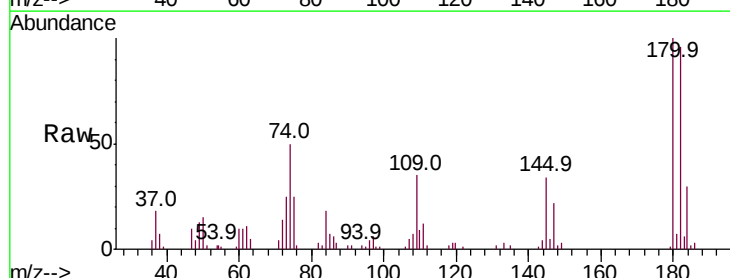


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

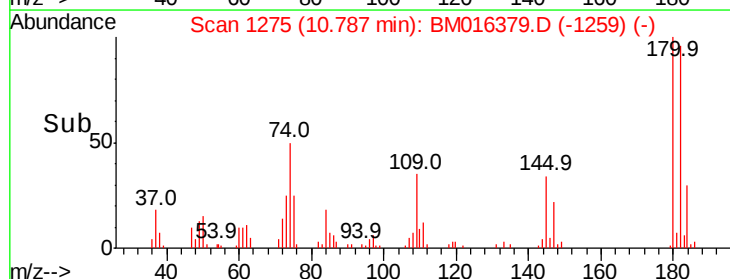
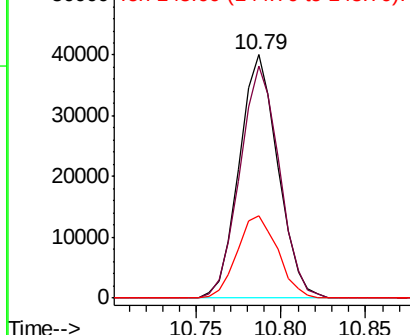


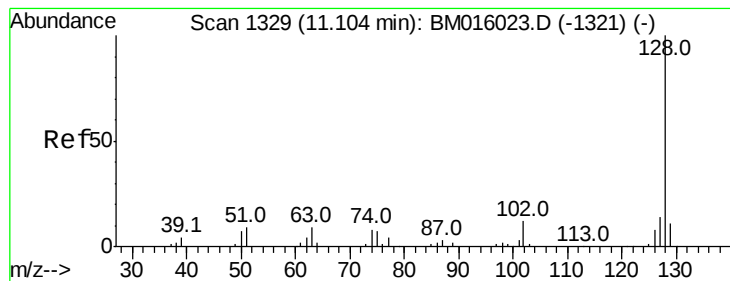
#30
 1,2,4-Trichlorobenzene
 Concen: 47.068 ng
 RT: 10.79 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion	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

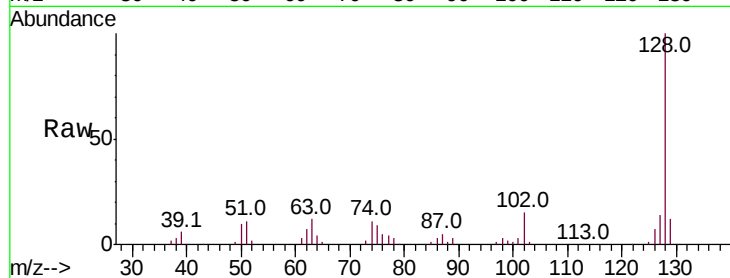




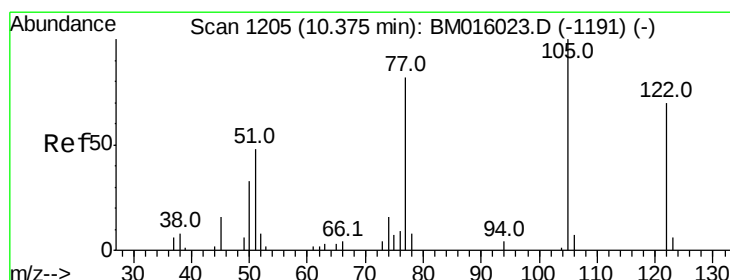
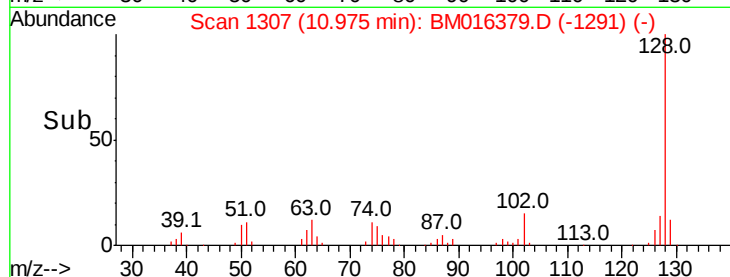
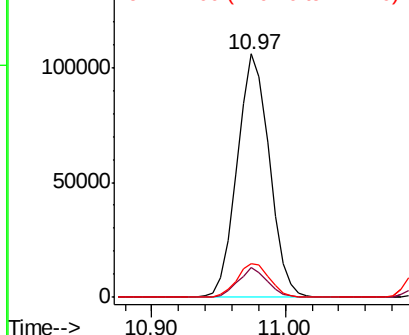
#31
Naphthalene
Concen: 46.692 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

Instrument :
BNA_M
ClientSampleId :
PB112017BSD

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

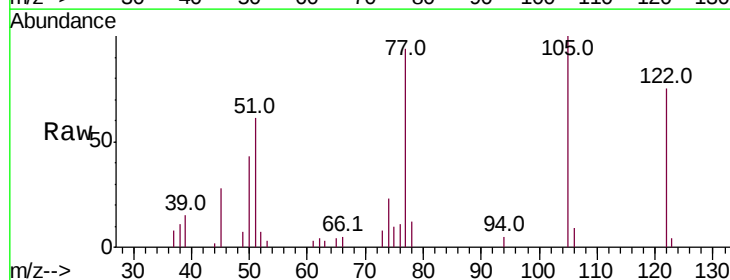


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

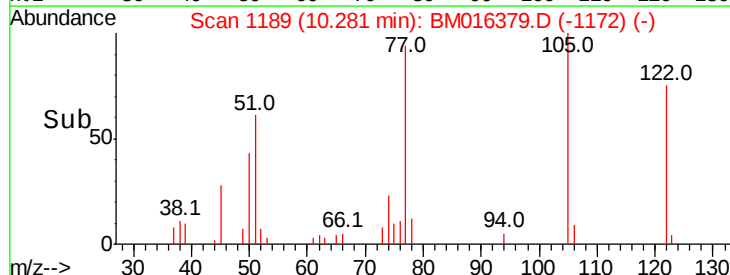
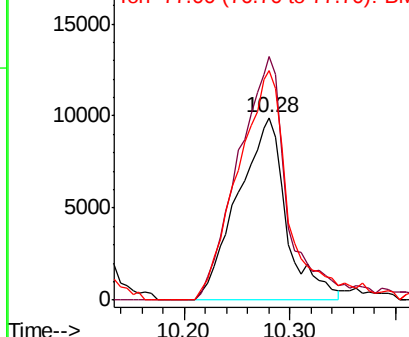


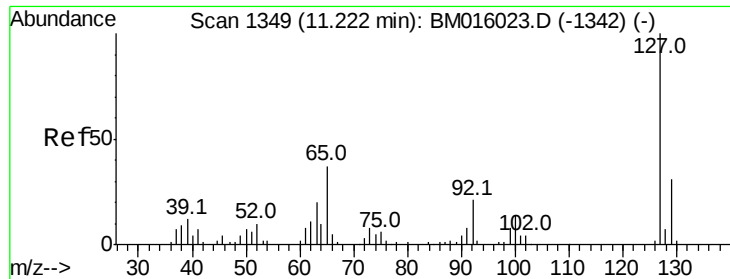
#32
Benzoic acid
Concen: 44.057 ng
RT: 10.28 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

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

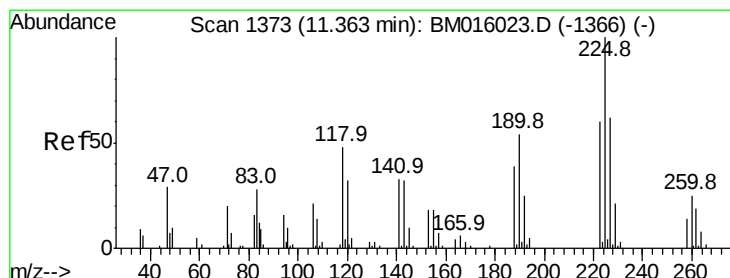
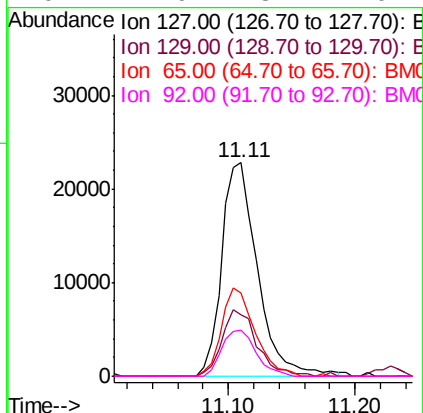
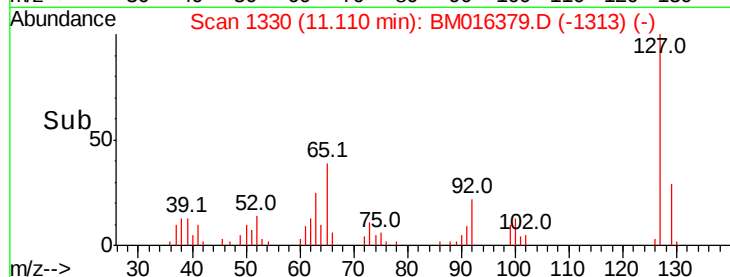
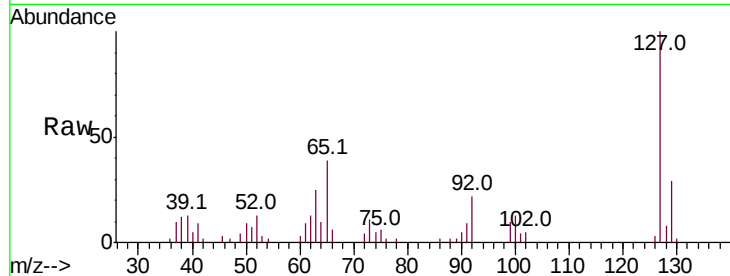




#33
4-Chloroaniline
Concen: 28.807 ng
RT: 11.11 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

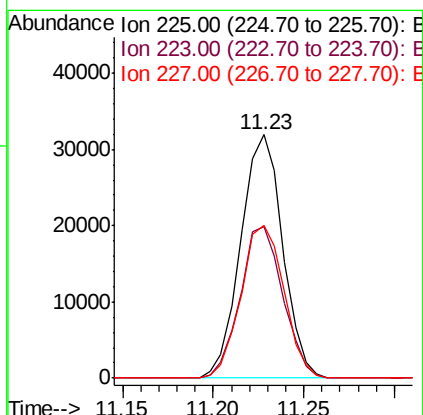
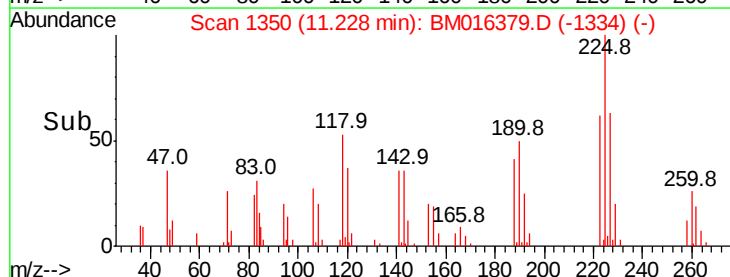
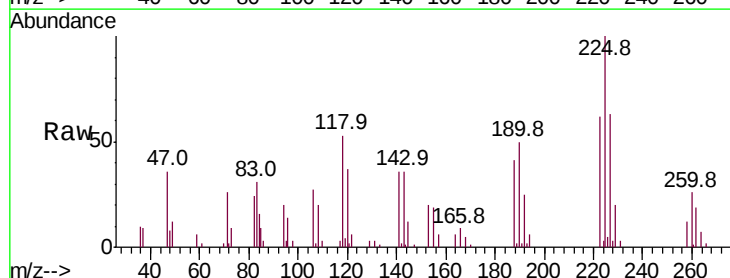
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

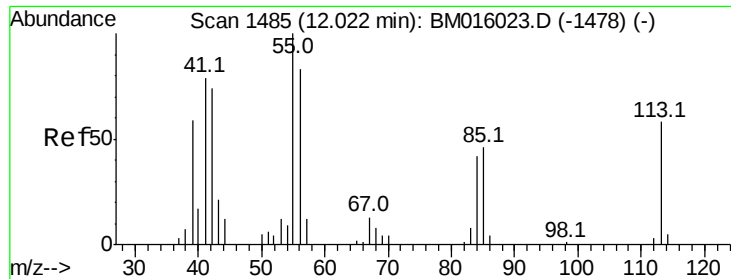
Tot Ion:127 Resp: 44599
Ion Ratio Lower Upper
127 100
129 28.9 25.3 37.9
65 38.9 17.6 26.4#
92 21.9 13.1 19.7#



#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:225 Resp: 51342
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

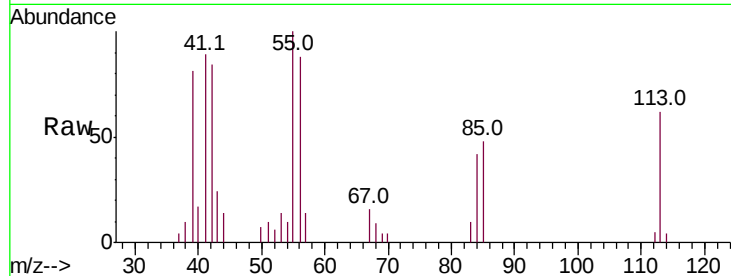
Tot Ion:113 Resp: 12318

Ion Ratio Lower Upper

113 100

55 162.4 145.9 185.9

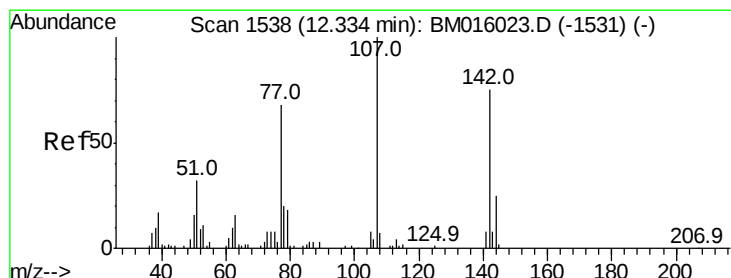
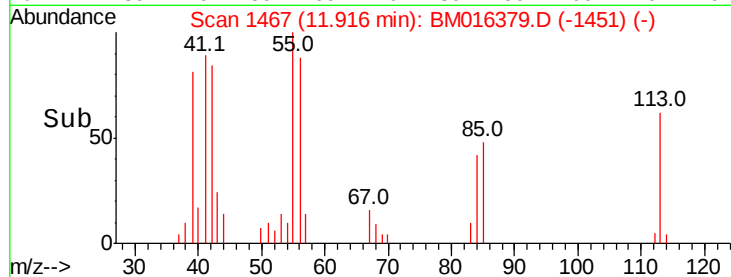
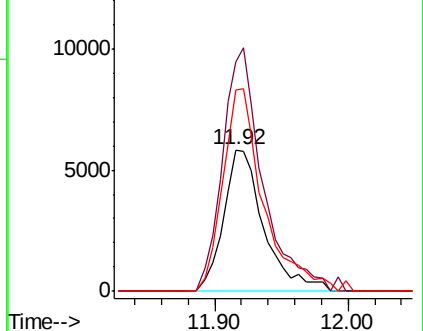
56 142.3 101.0 141.0#



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

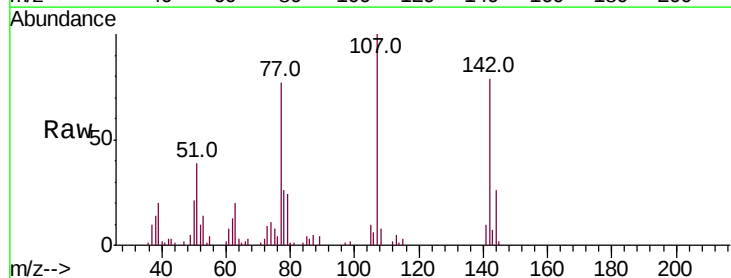
Tgt Ion:107 Resp: 55222

Ion Ratio Lower Upper

107 100

144 25.6 23.3 34.9

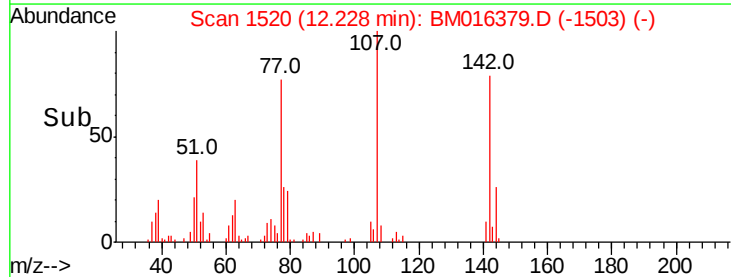
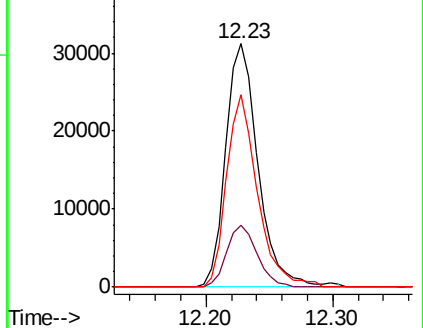
142 79.1 72.6 109.0

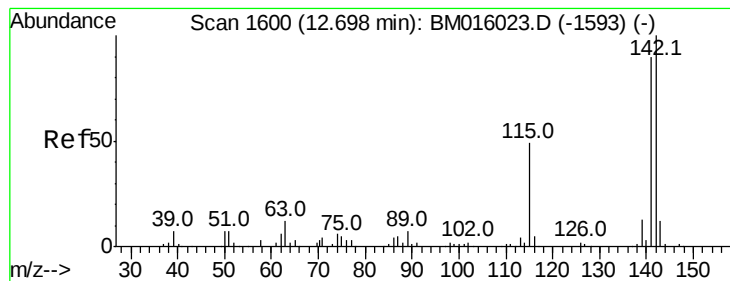


Abundance Ion 107.00 (106.70 to 107.70): E

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

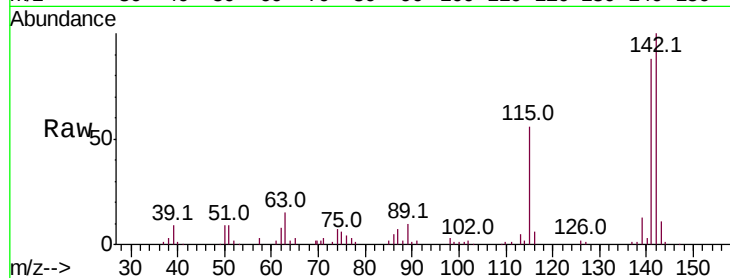
Tot Ion:142 Resp: 129031

Ion Ratio Lower Upper

142 100

141 88.2 71.9 107.9

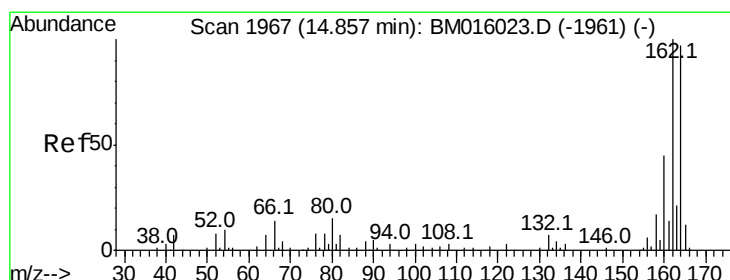
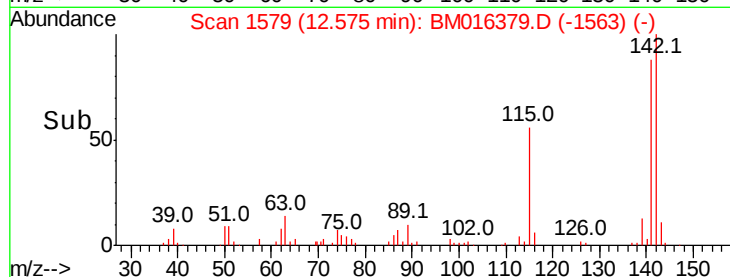
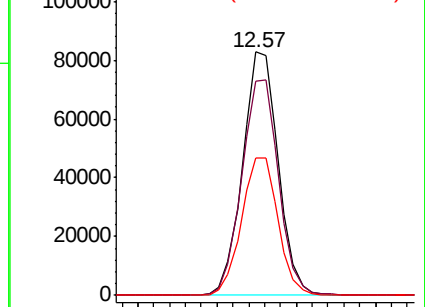
115 56.5 25.4 38.0#



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

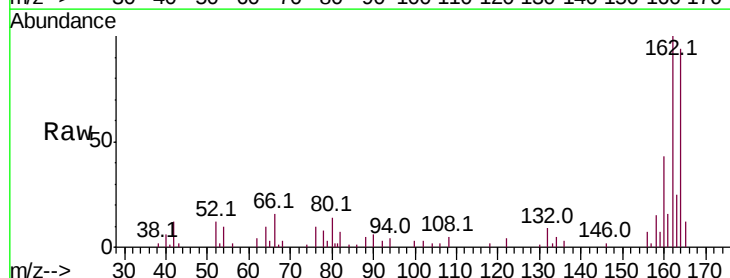
Tgt Ion:164 Resp: 38583

Ion Ratio Lower Upper

164 100

162 105.9 82.4 123.6

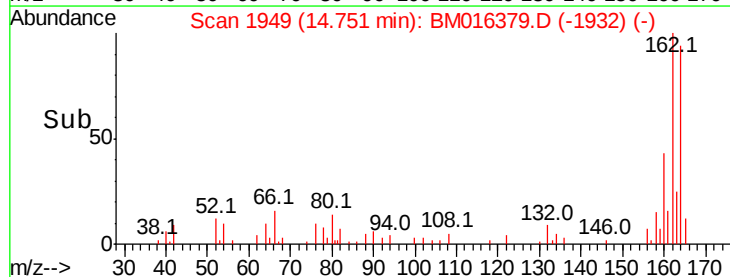
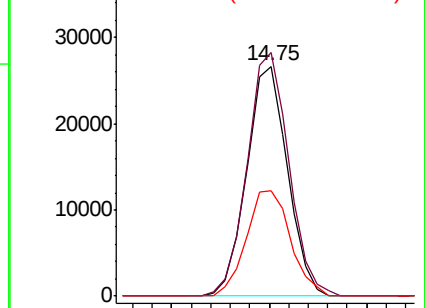
160 45.8 35.8 53.6

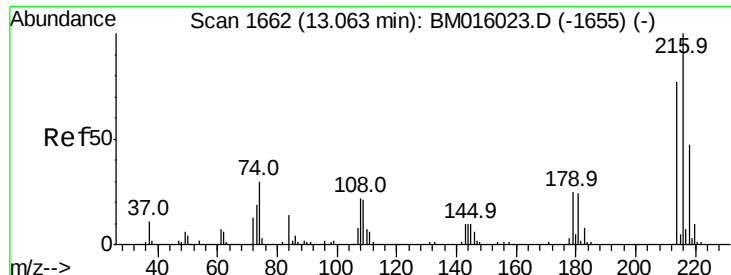


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

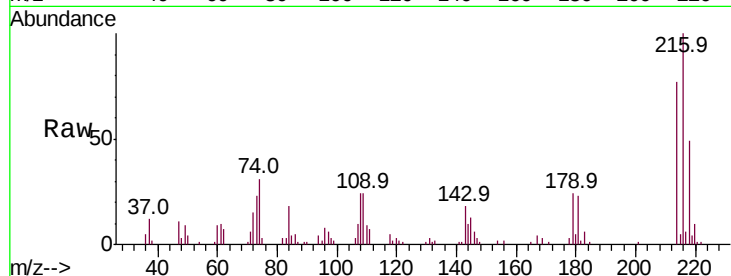




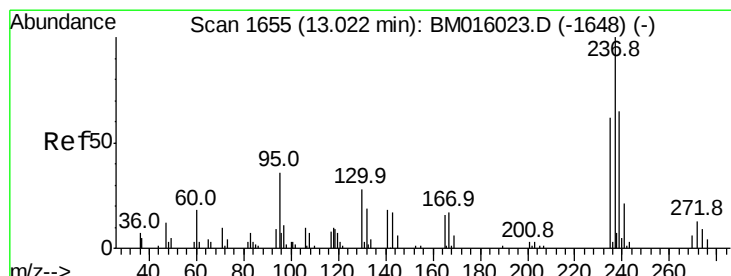
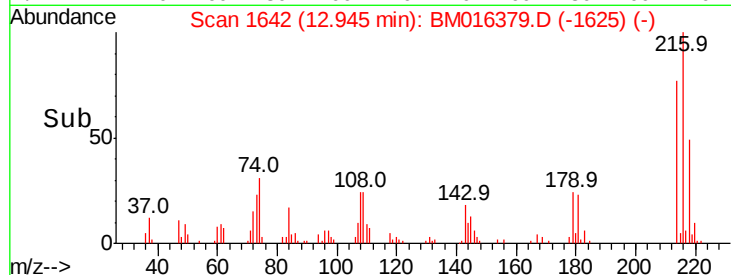
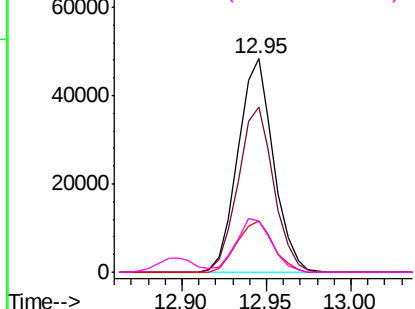
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.935 ng
 RT: 12.95 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

Tot 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#

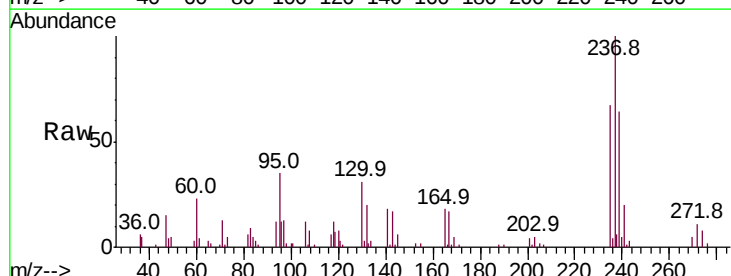


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

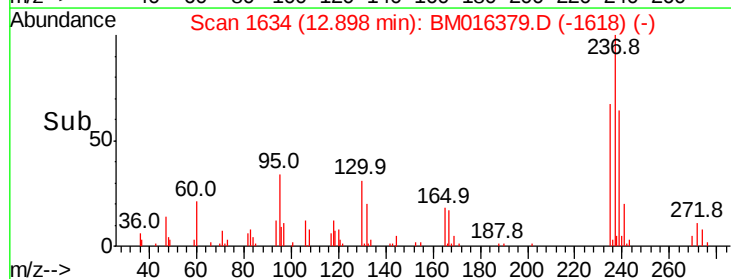
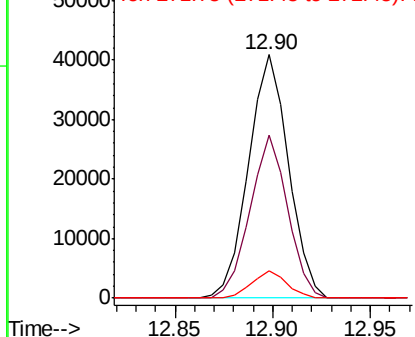


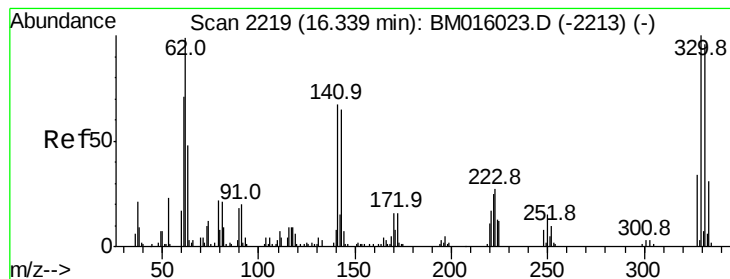
#40
 Hexachlorocyclopentadiene
 Concen: 88.810 ng
 RT: 12.90 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

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

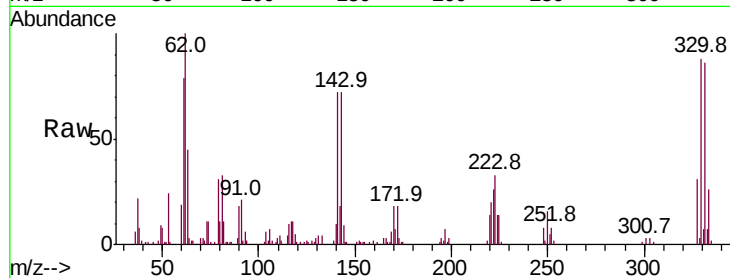
Tot Ion:330 Resp: 63393

Ion Ratio Lower Upper

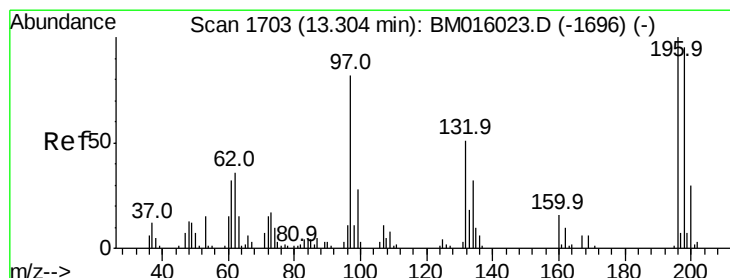
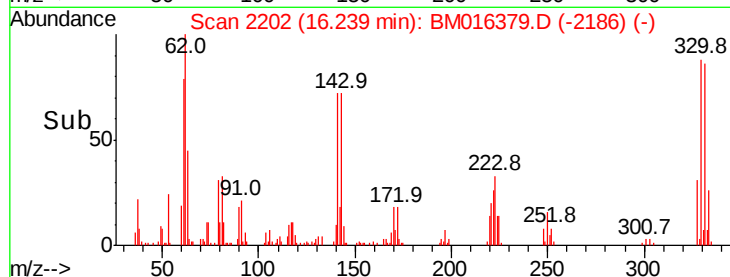
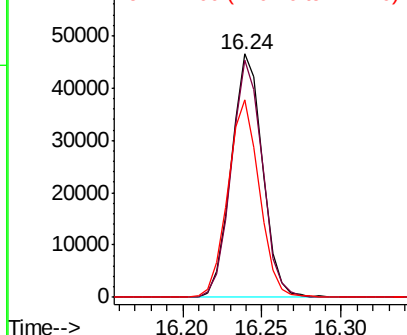
330 100

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

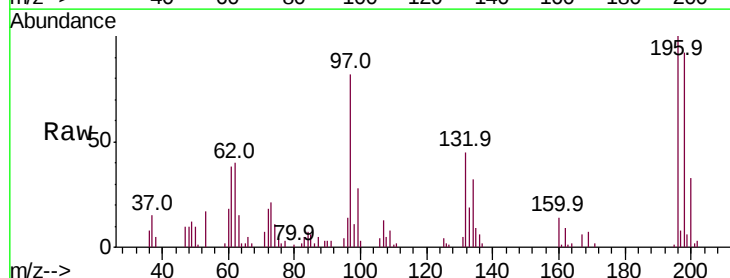
Tgt Ion:196 Resp: 40927

Ion Ratio Lower Upper

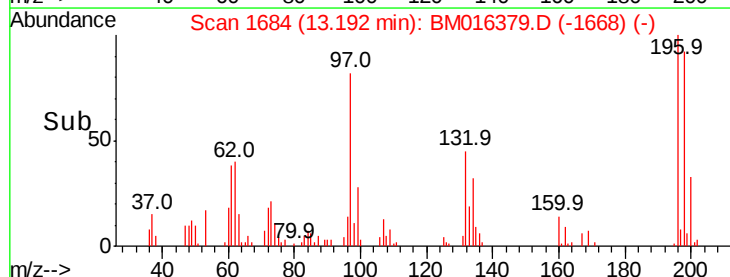
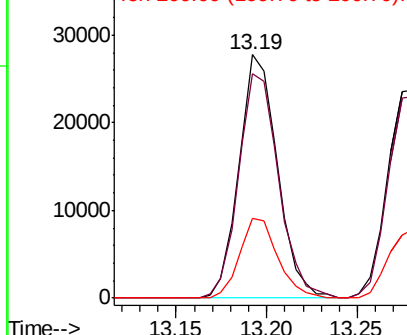
196 100

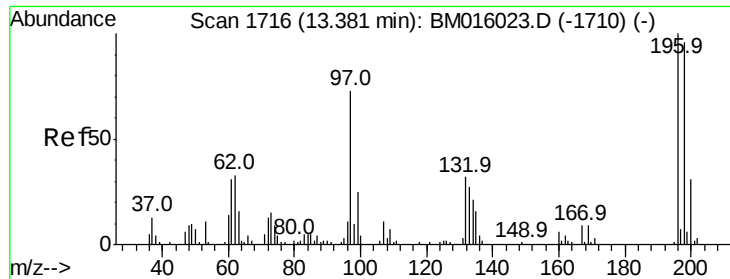
198 92.1 76.3 114.5

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

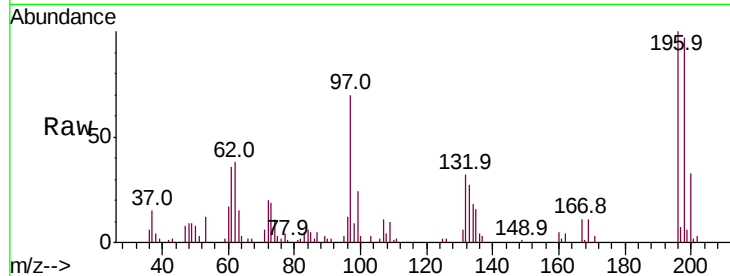




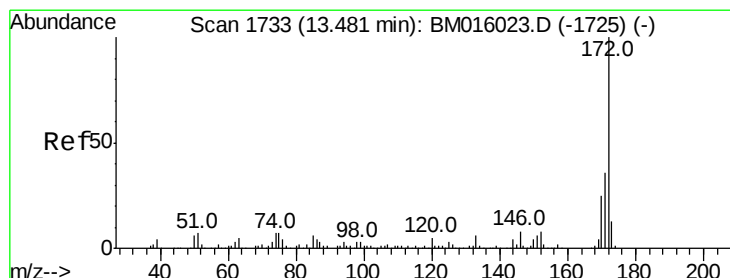
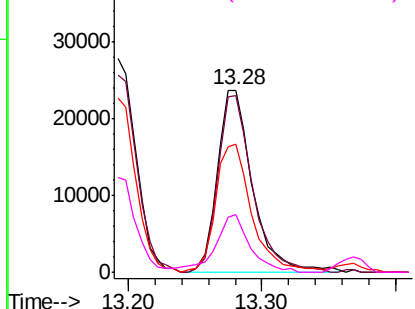
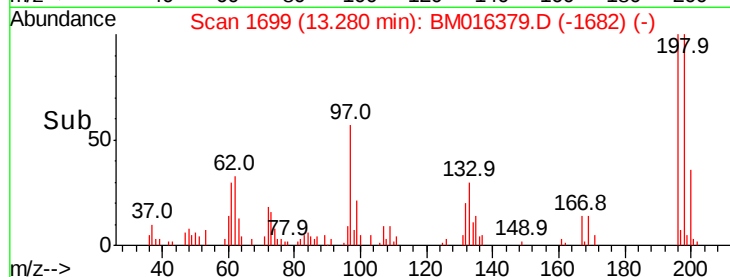
#43
 2,4,5-Trichlorophenol
 Concen: 51.646 ng
 RT: 13.28 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

Tot 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#

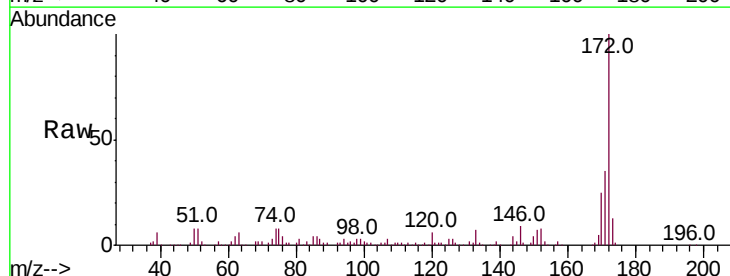


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

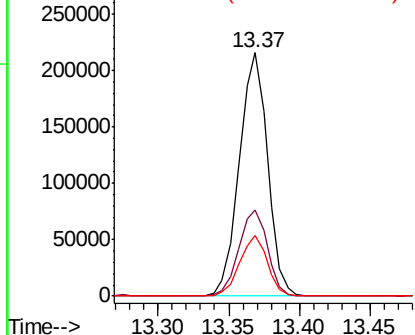
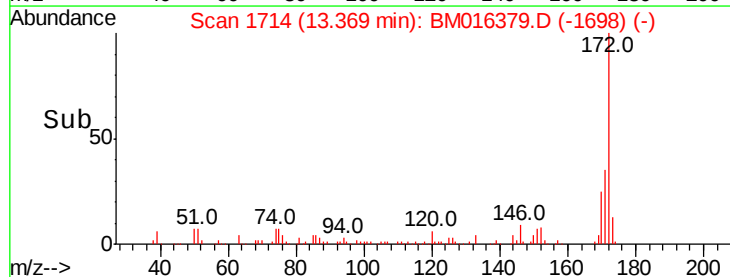


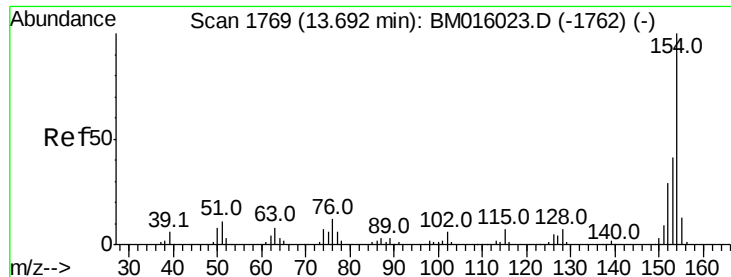
#44
 2-Fluorobiphenyl
 Concen: 51.646 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

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

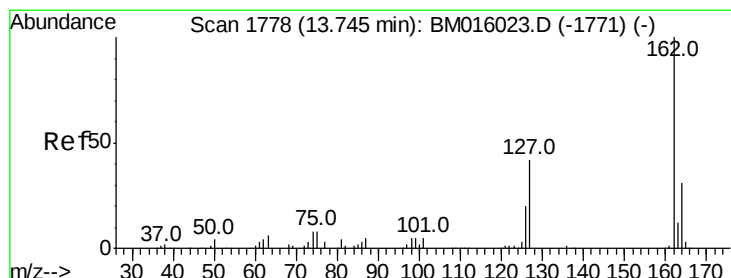
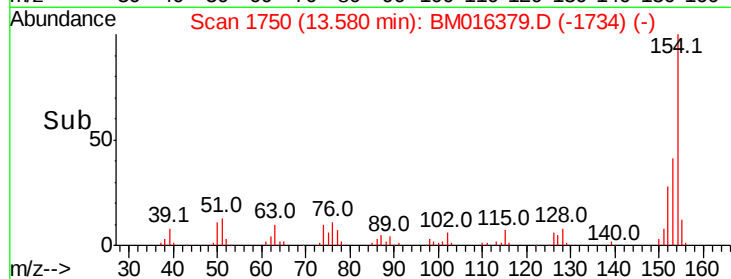
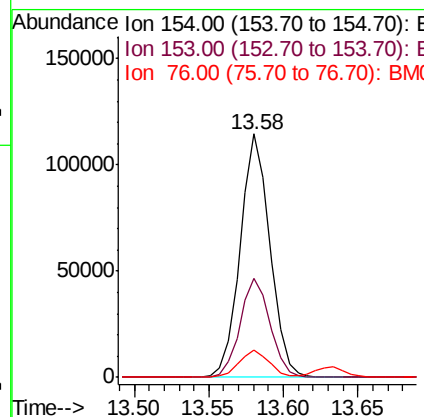
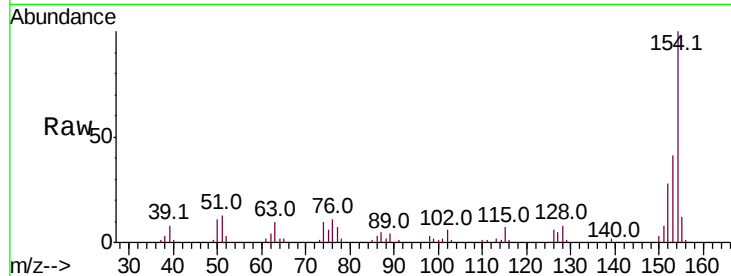




#45
 1,1'-Biphenyl
 Concen: 45.615 ng
 RT: 13.58 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

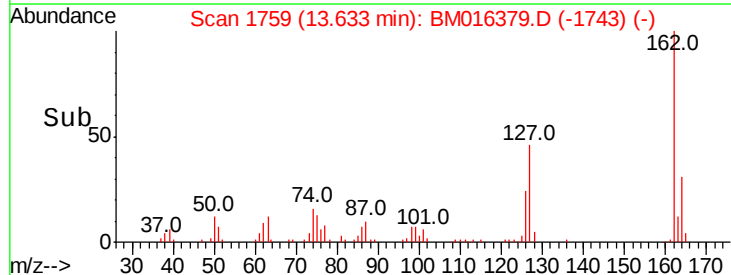
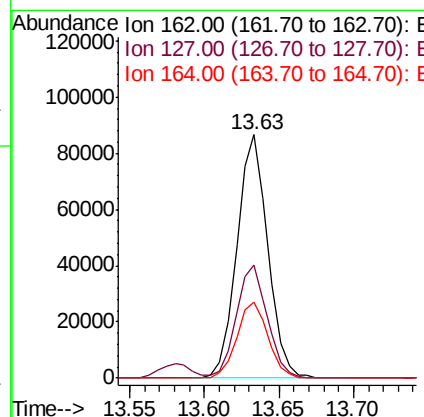
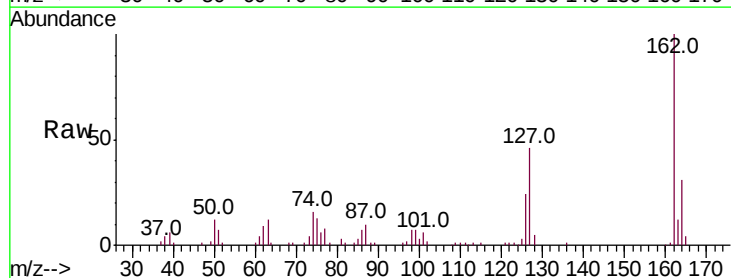
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

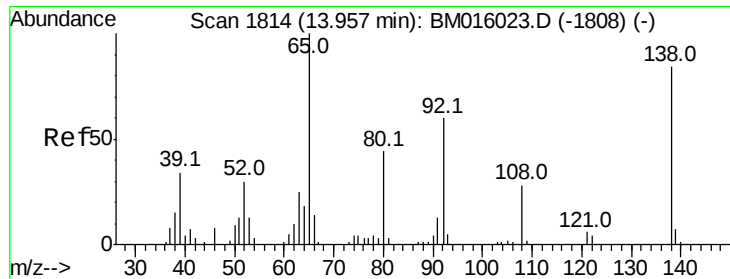
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.7	60.7
76	11.0	0.0	30.9



#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

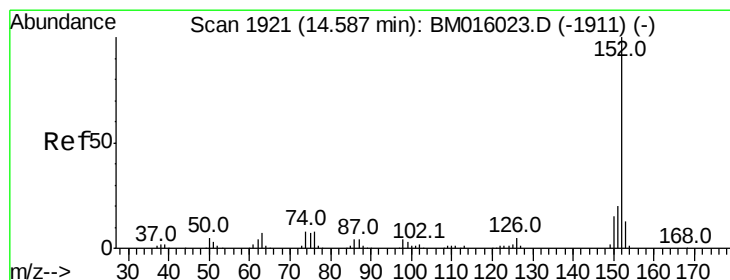
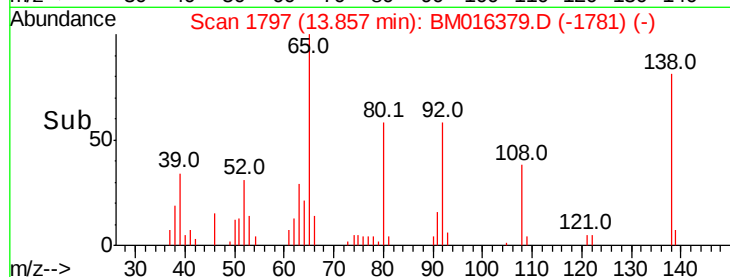
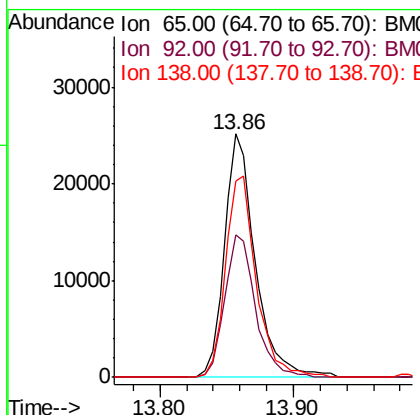
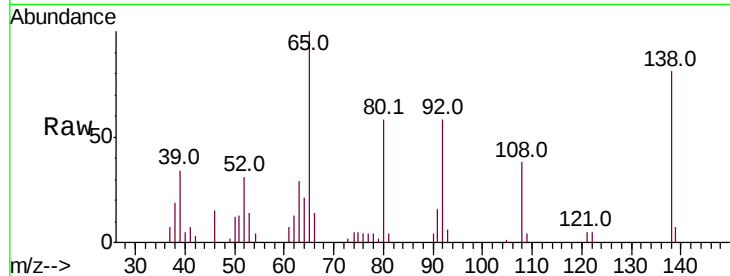




#47
 2-Nitroaniline
 Concen: 45.456 ng
 RT: 13.86 min Scan# 1797
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

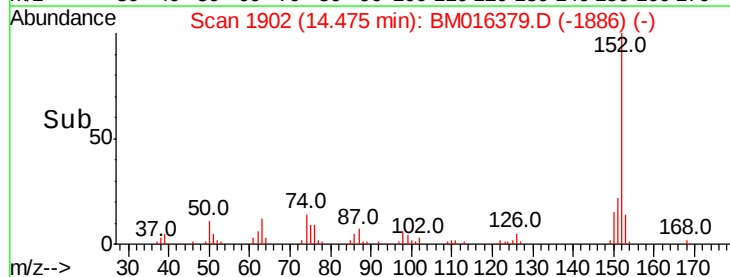
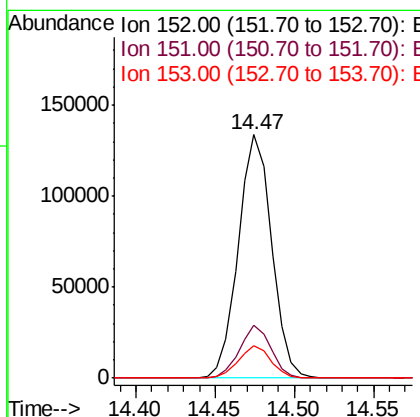
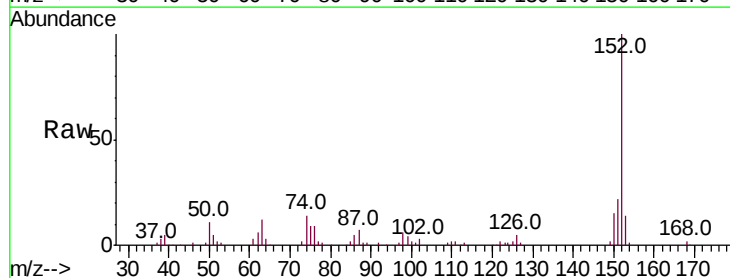
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

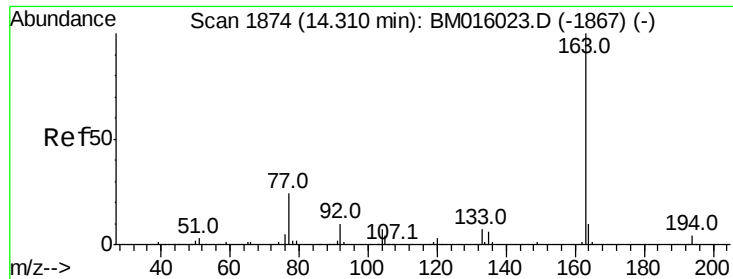
Tot Ion: 65 Resp: 40700
 Ion Ratio Lower Upper
 65 100
 92 58.3 59.1 88.7#
 138 80.7 93.9 140.9#



#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

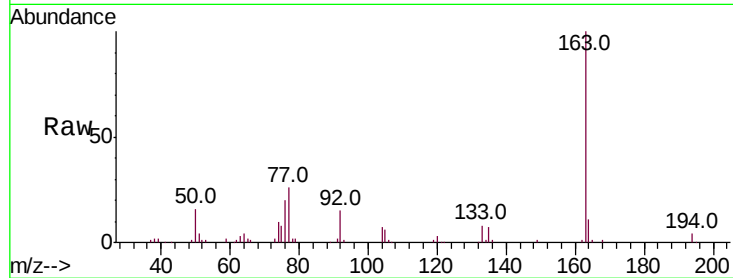
Tot Ion:163 Resp: 155333

Ion Ratio Lower Upper

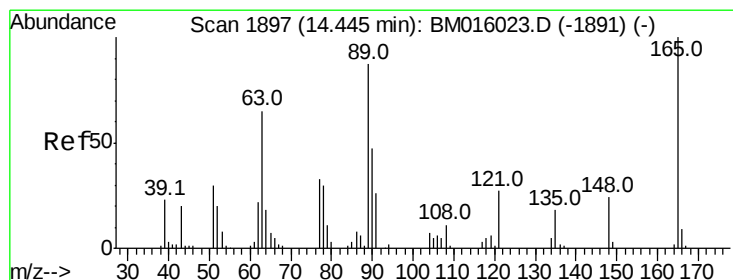
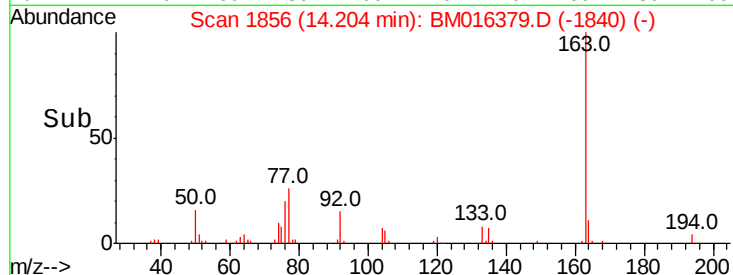
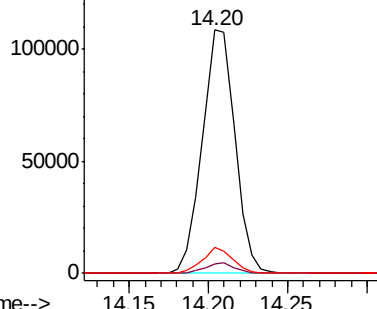
163 100

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

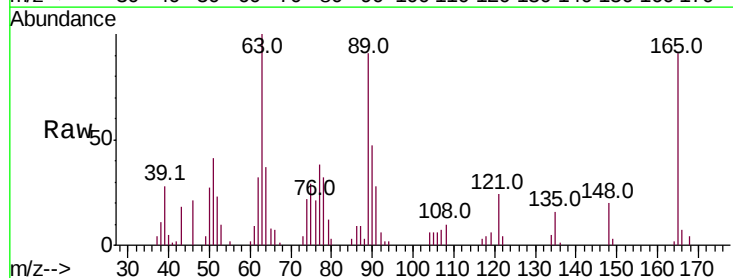
Tgt Ion:165 Resp: 30117

Ion Ratio Lower Upper

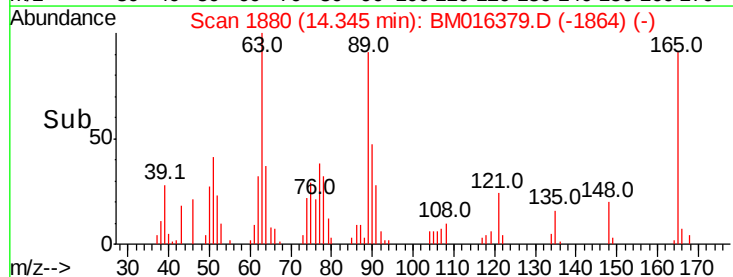
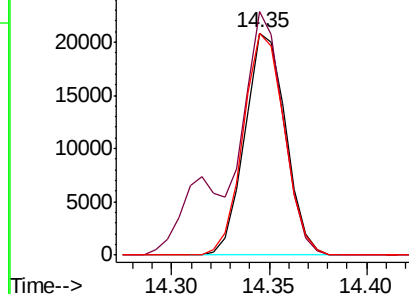
165 100

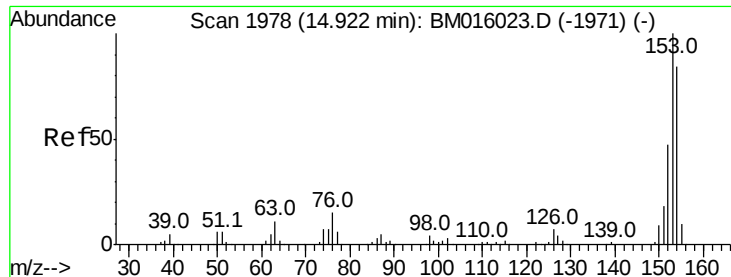
63 109.8 44.1 66.1#

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

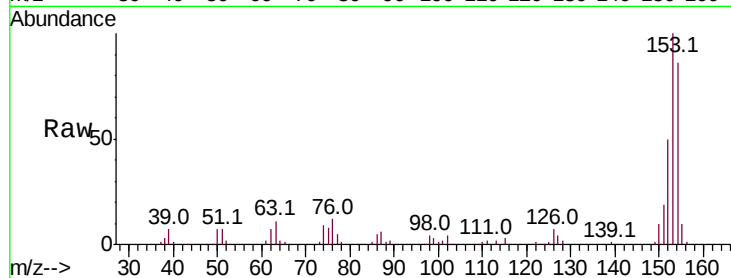
Tot Ion:154 Resp: 110805

Ion Ratio Lower Upper

154 100

153 115.6 90.0 135.0

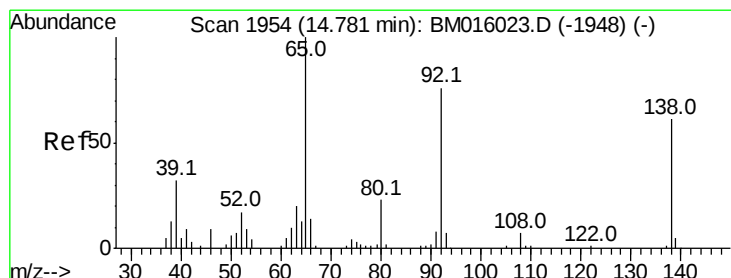
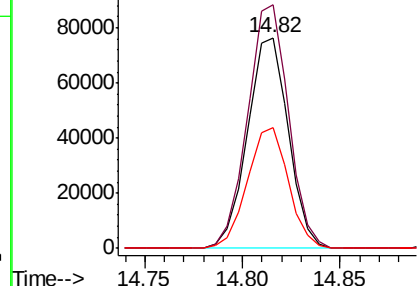
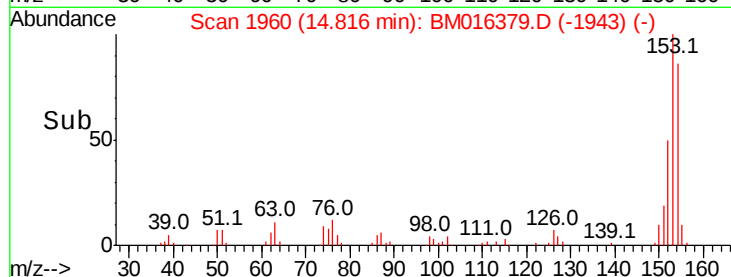
152 57.5 42.6 63.8



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

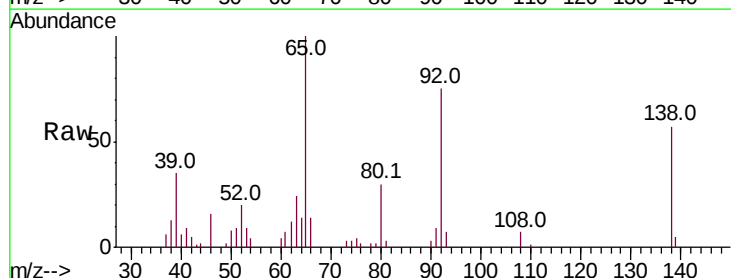
Tgt Ion:138 Resp: 20979

Ion Ratio Lower Upper

138 100

108 11.8 7.3 10.9#

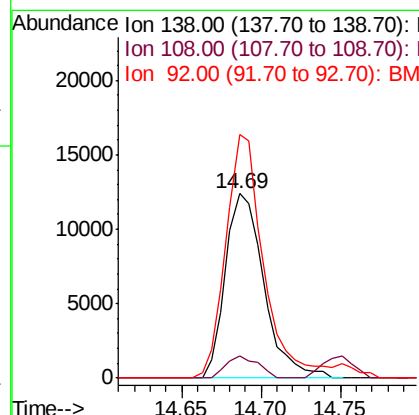
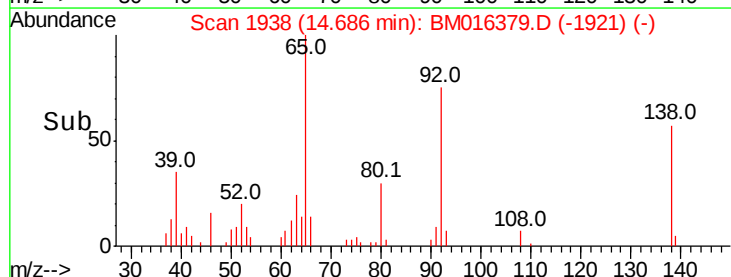
92 131.8 76.6 114.8#



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

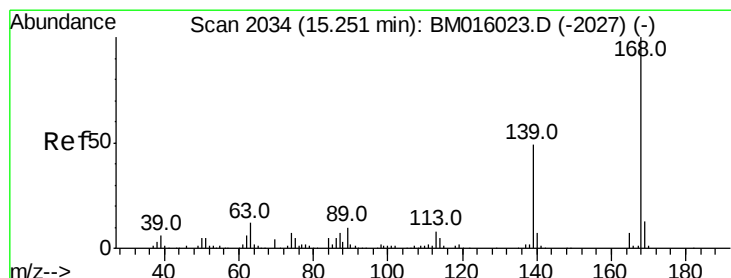
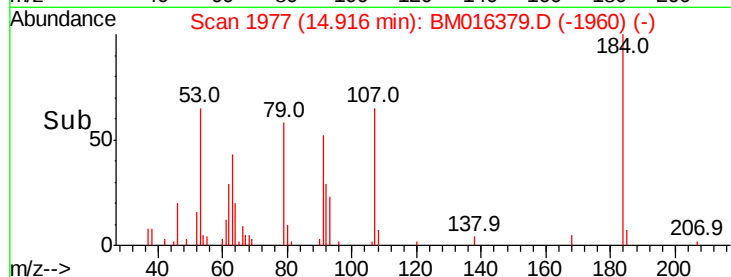
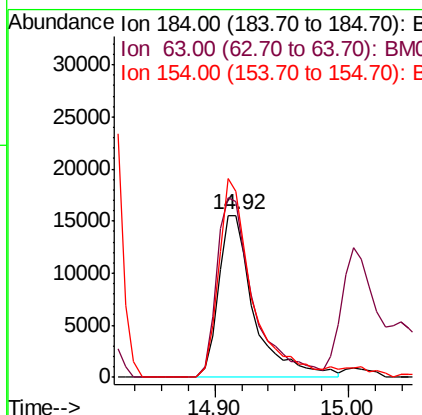
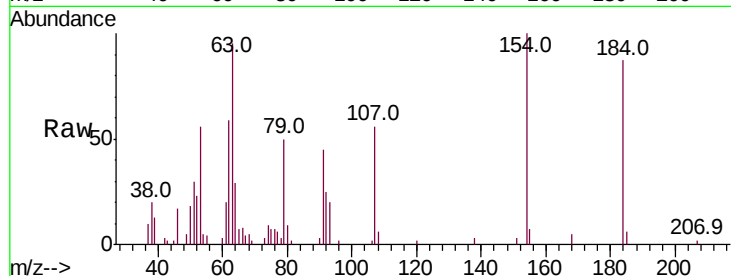




#53
2,4-Dinitrophenol
Concen: 98.497 ng
RT: 14.92 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

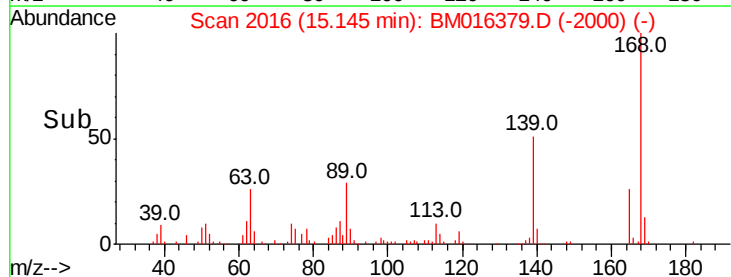
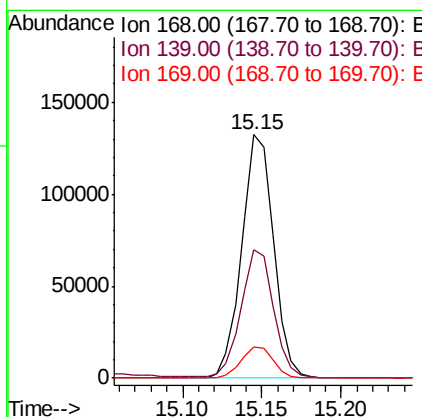
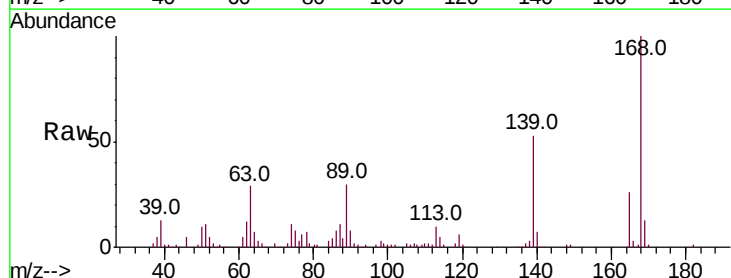
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

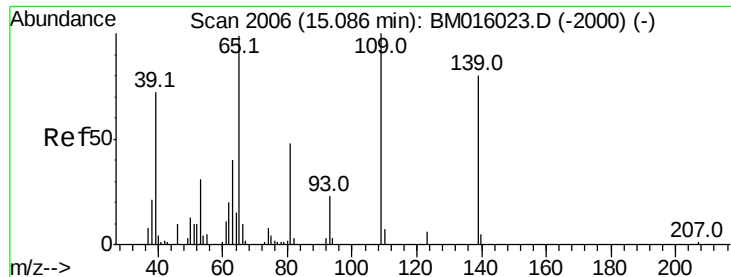
Tot Ion:184 Resp: 29181
Ion Ratio Lower Upper
184 100
63 108.5 69.2 103.8#
154 114.6 53.3 79.9#



#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

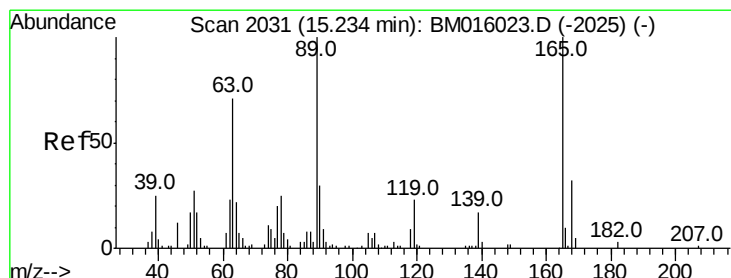
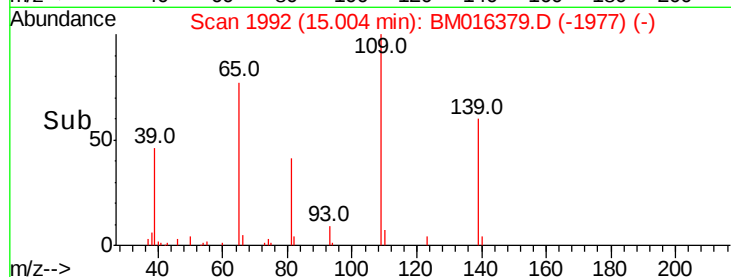
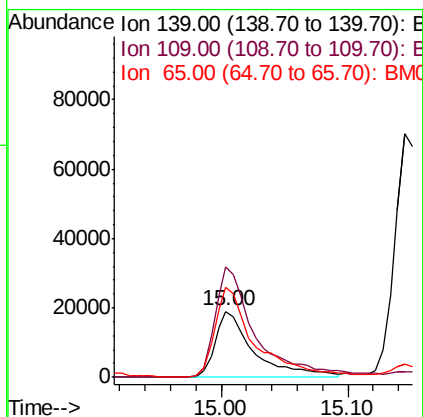
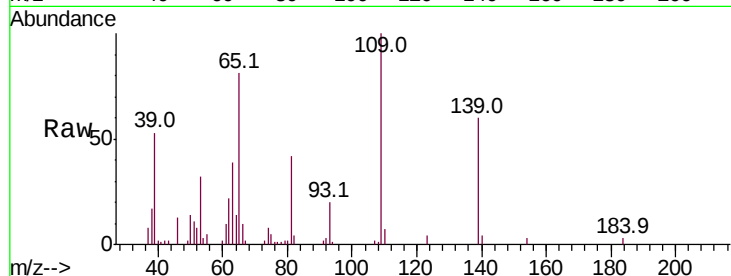
Tot Ion:139 Resp: 40572

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

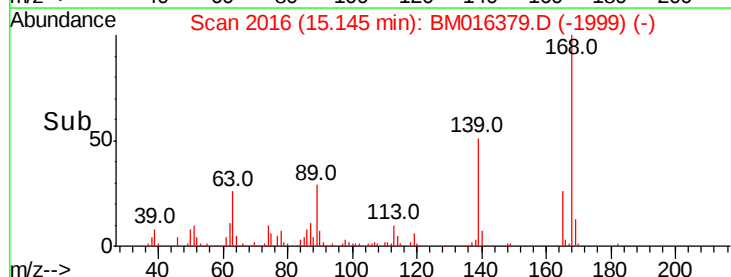
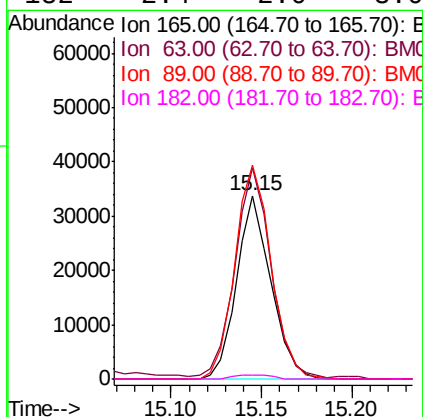
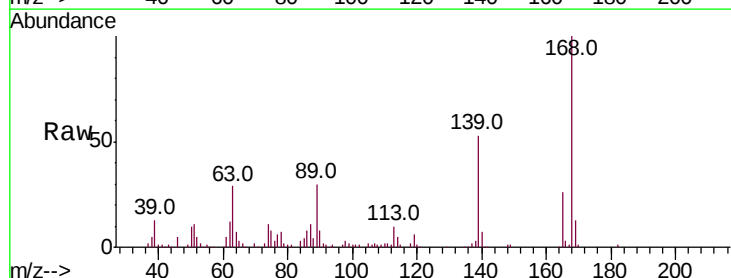
Ion Ratio Lower Upper

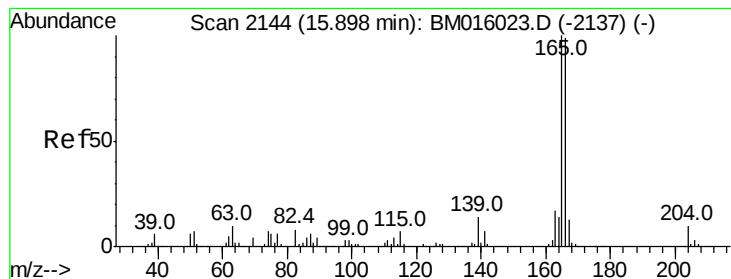
165 100

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

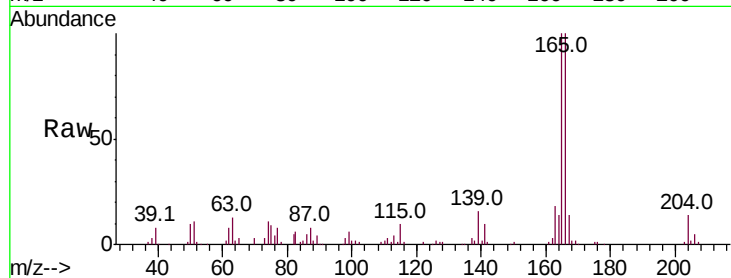
Tot Ion:166 Resp: 142971

Ion Ratio Lower Upper

166 100

165 99.5 79.0 118.4

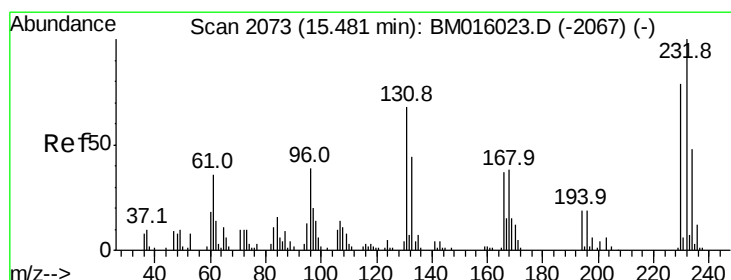
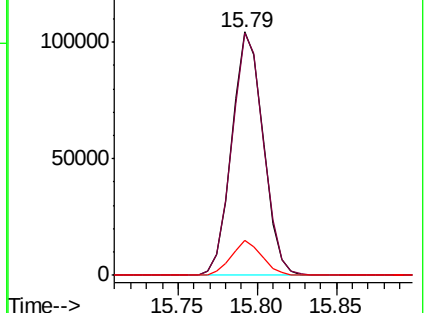
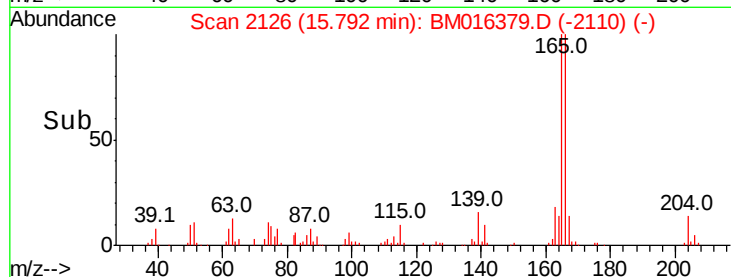
167 14.3 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#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

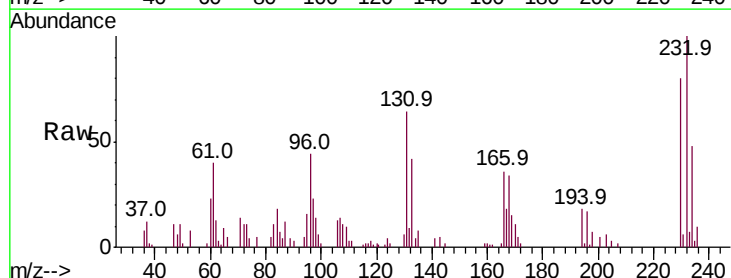
Ion Ratio Lower Upper

232 100

131 68.1 0.0 0.0#

130 4.6 0.0 0.0#

166 36.2 0.0 0.0#

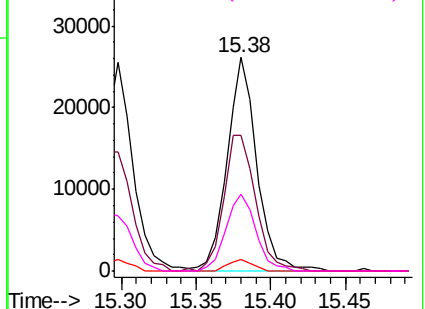
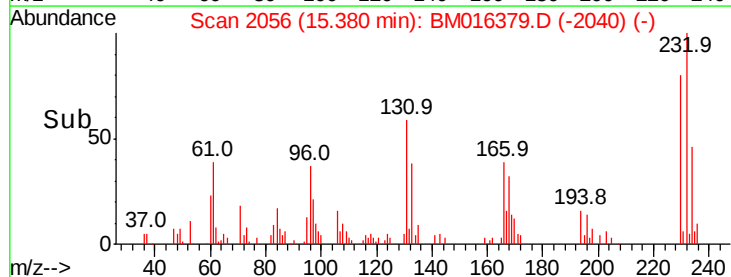


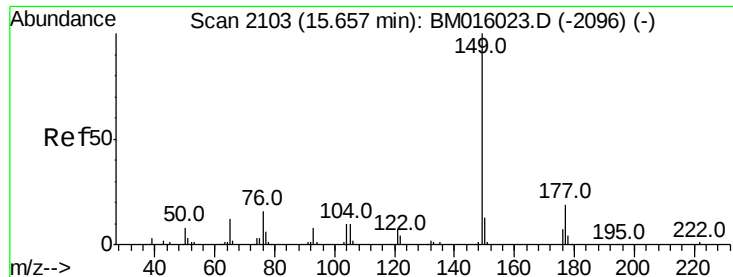
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

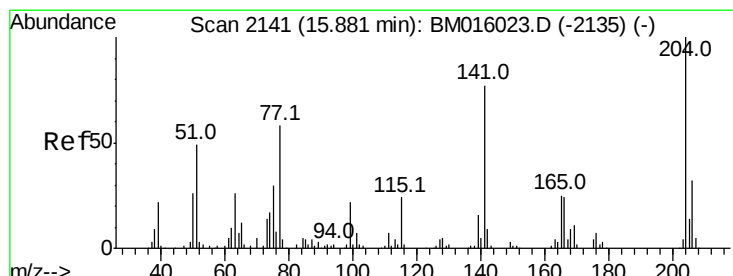
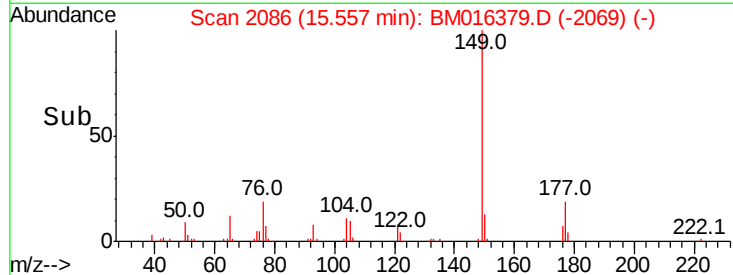
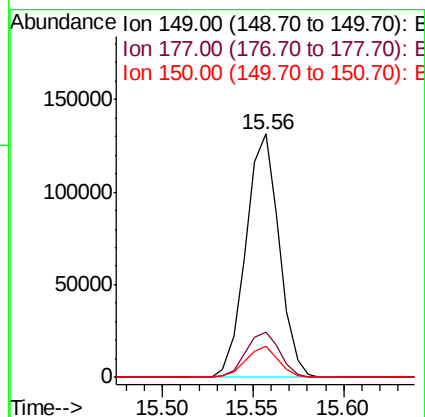
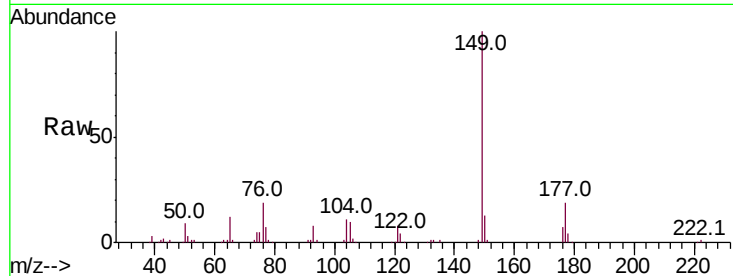




#59
Diethylphthalate
Concen: 46.003 ng
RT: 15.56 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

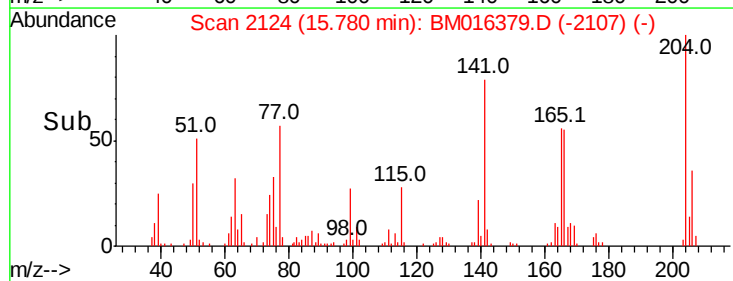
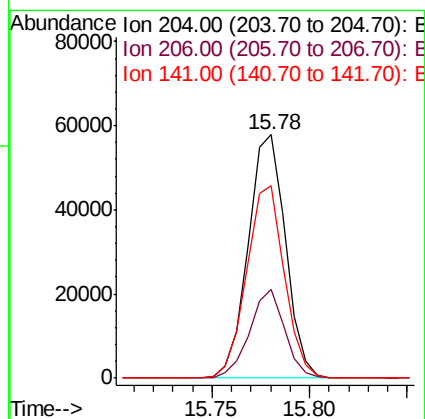
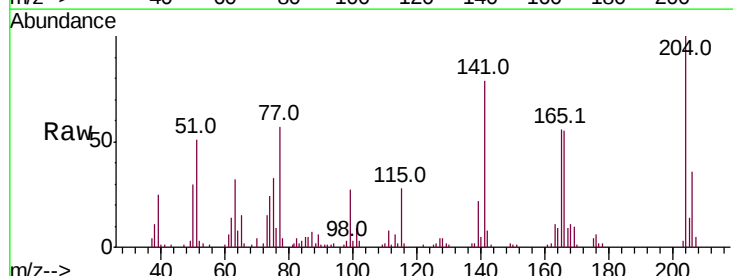
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

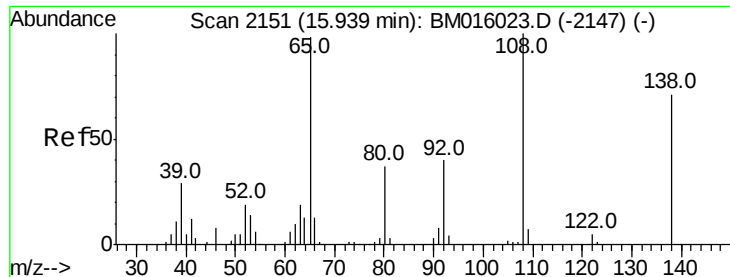
Tot Ion:149 Resp: 167428
Ion Ratio Lower Upper
149 100
177 18.7 18.3 27.5
150 12.8 9.8 14.8



#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#

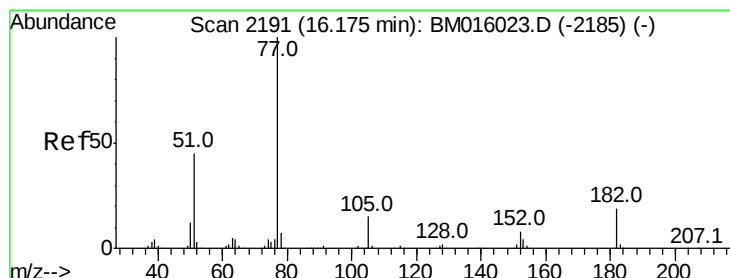
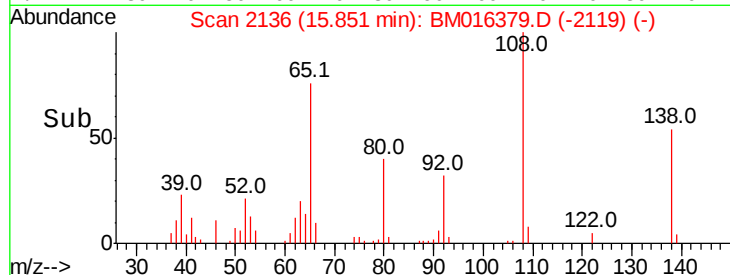
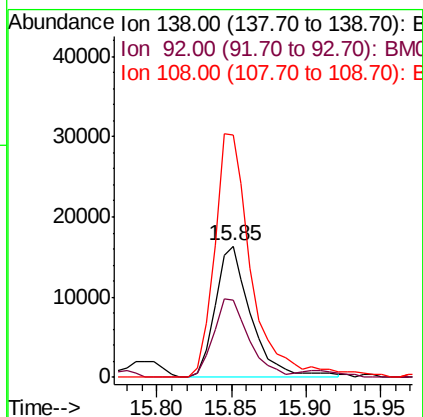
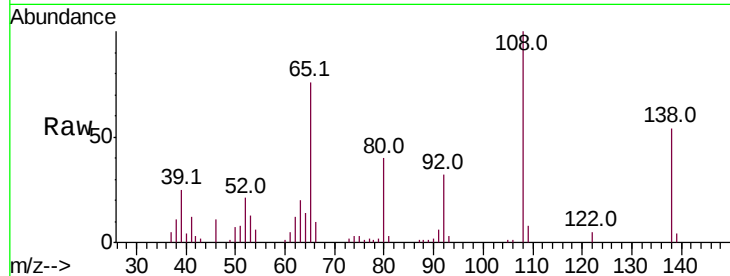




#61
4-Nitroaniline
Concen: 38.809 ng
RT: 15.85 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

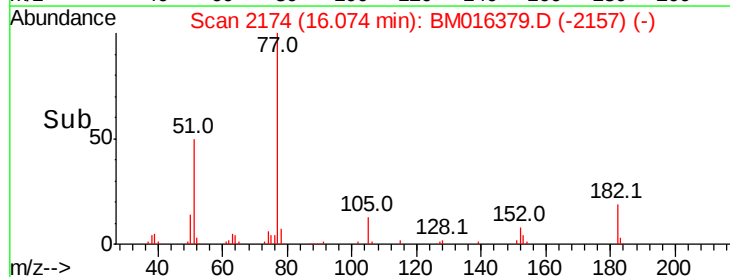
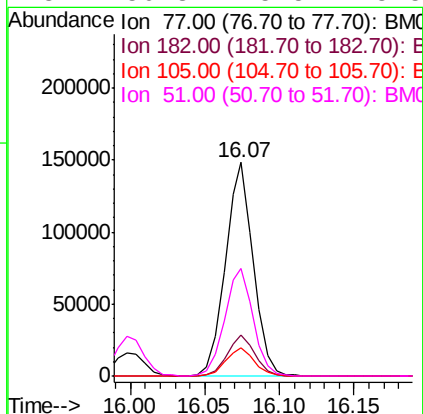
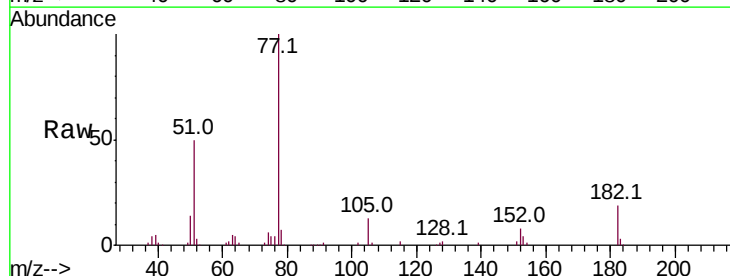
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

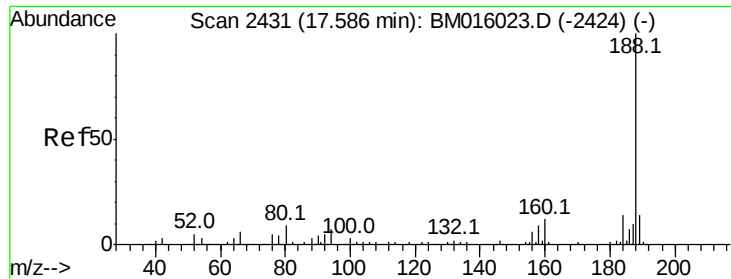
Tot Ion:138 Resp: 27324
Ion Ratio Lower Upper
138 100
92 58.8 16.7 56.7#
108 184.7 37.6 77.6#



#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#





#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

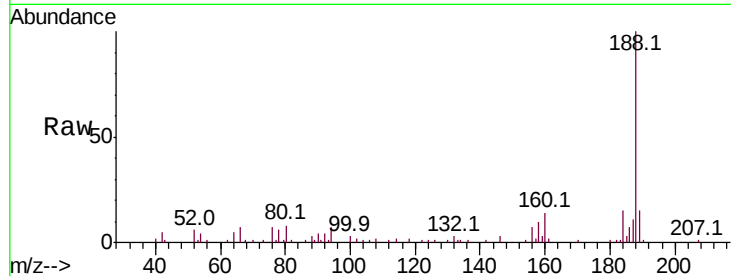
Tot Ion:188 Resp: 79306

Ion Ratio Lower Upper

188 100

94 6.6 8.7 13.1#

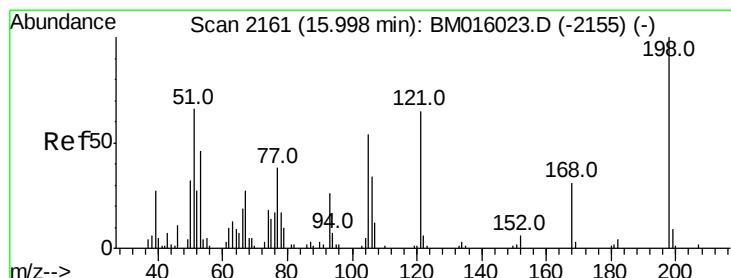
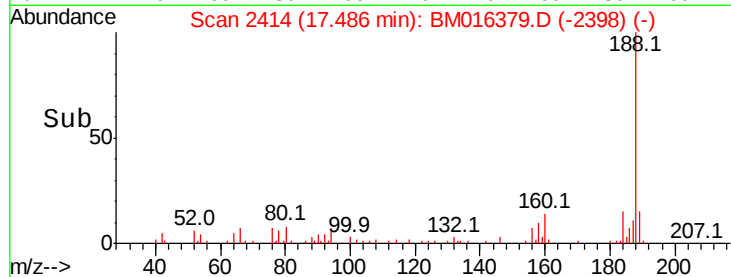
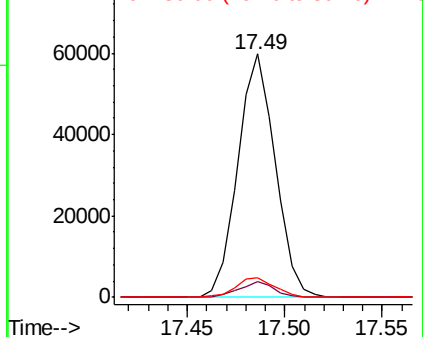
80 8.0 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#64

4,6-Dinitro-2-methylphenol

Concen: 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

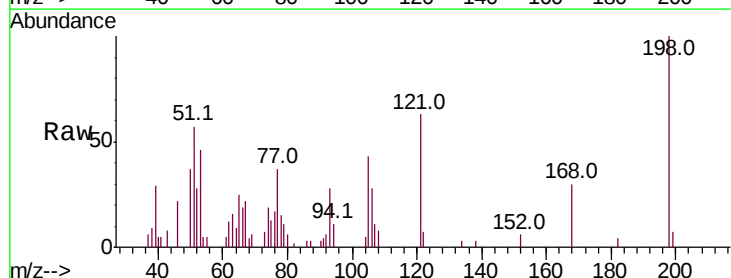
Tgt Ion:198 Resp: 21050

Ion Ratio Lower Upper

198 100

51 57.0 28.8 68.8

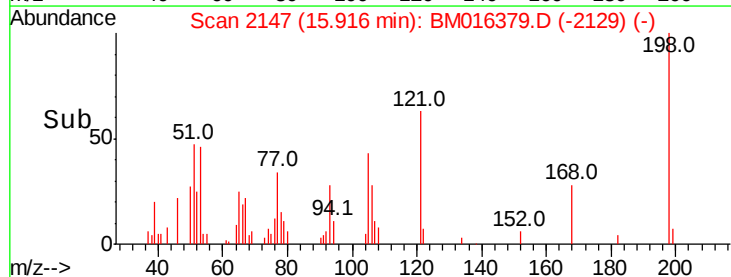
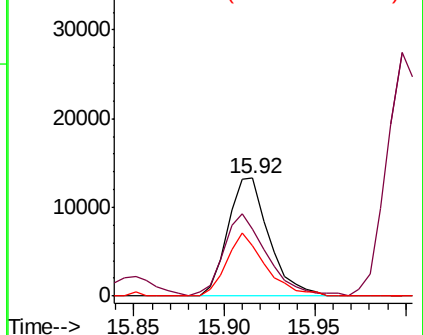
105 43.2 30.5 70.5

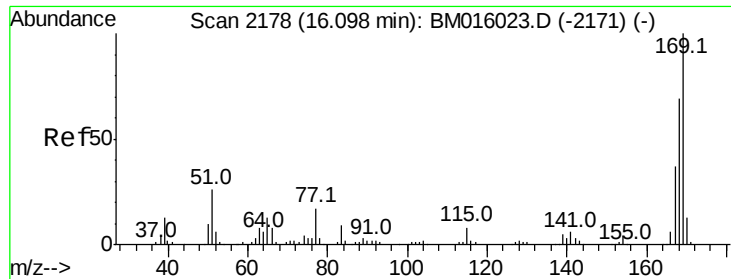


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

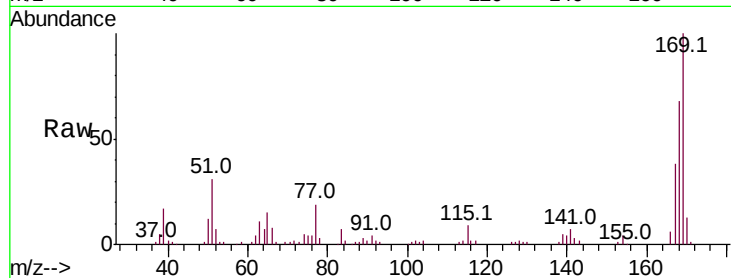




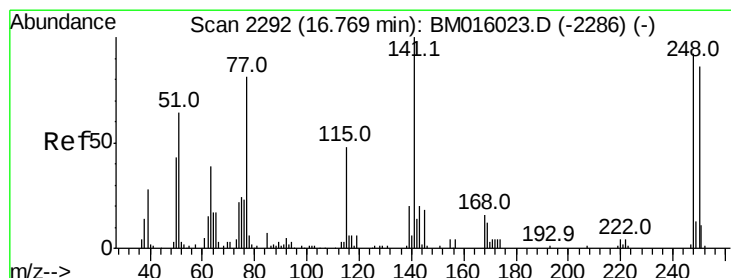
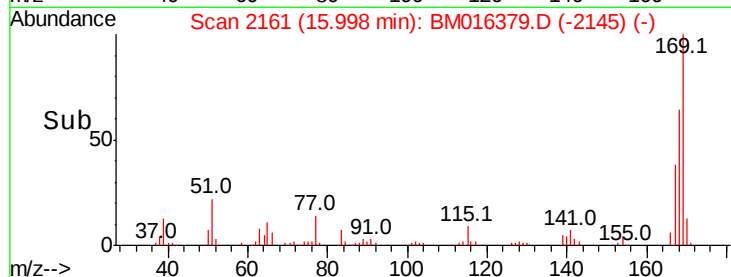
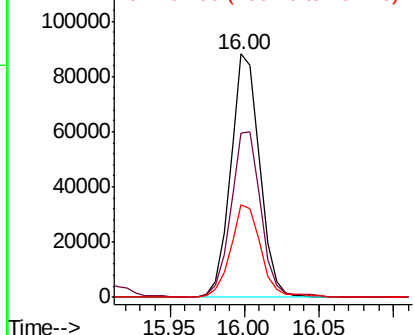
#65
 n-Nitrosodiphenylamine
 Concen: 45.879 ng
 RT: 16.00 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

Tot Ion:169 Resp: 119809
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.9 80.9
 167 38.2 28.9 43.3

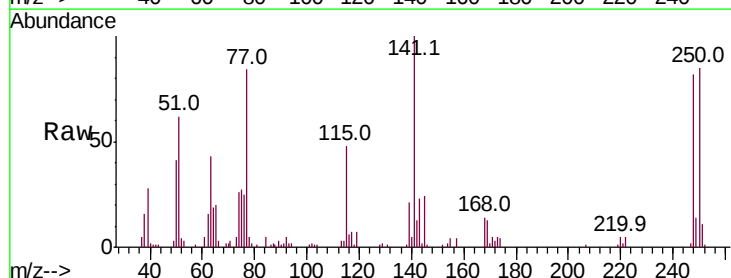


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

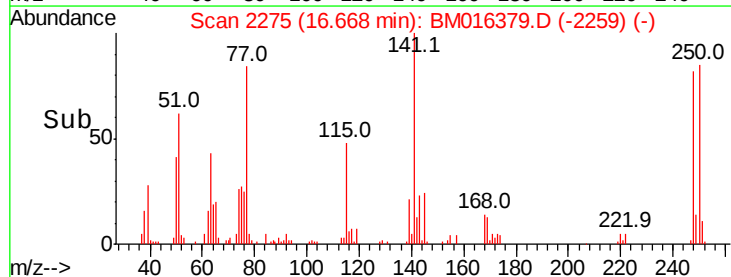
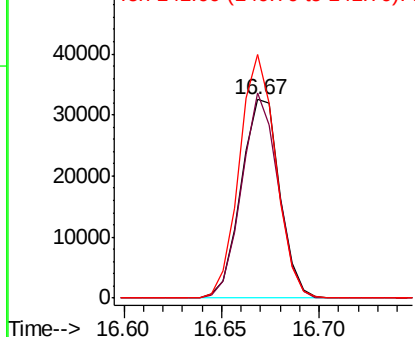


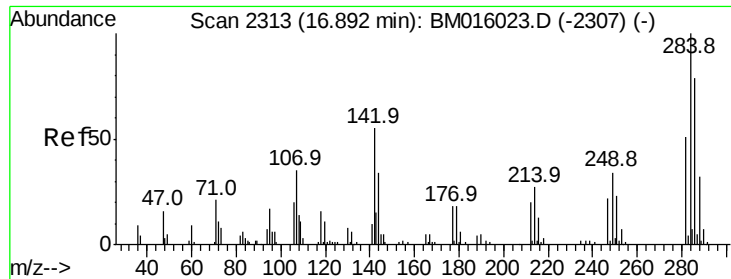
#66
 4-Bromophenyl-phenylether
 Concen: 49.942 ng
 RT: 16.67 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Tgt Ion:248 Resp: 44849
 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

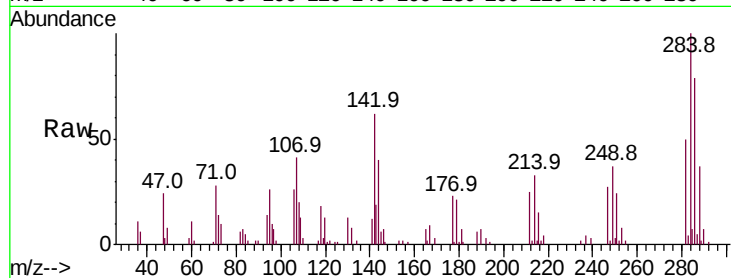




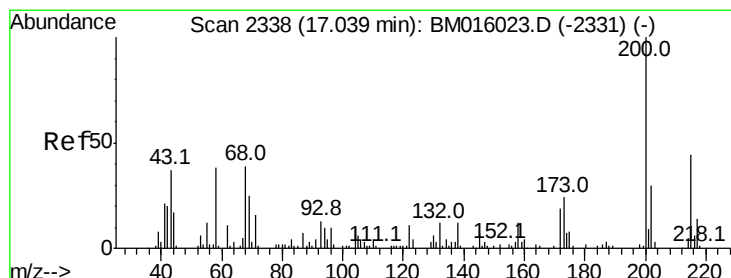
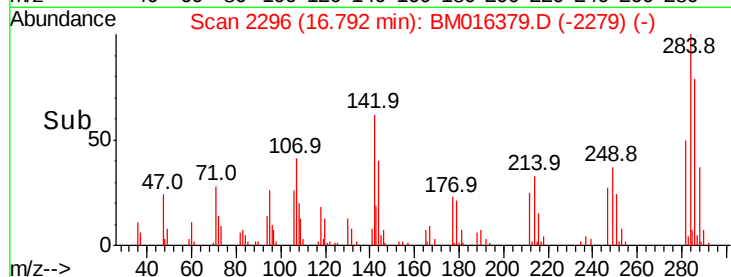
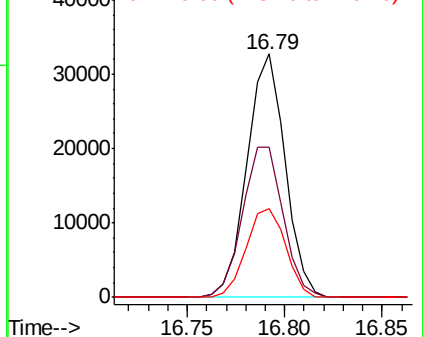
#67
Hexachlorobenzene
Concen: 44.721 ng
RT: 16.79 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

Instrument :
BNA_M
ClientSampleId :
PB112017BSD

Tot Ion:284 Resp: 44226
Ion Ratio Lower Upper
284 100
142 61.6 20.4 30.6#
249 36.5 23.8 35.6#

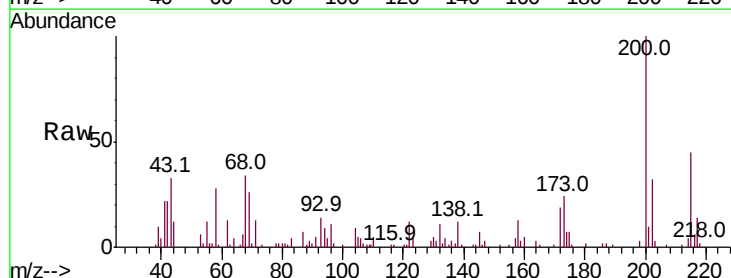


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

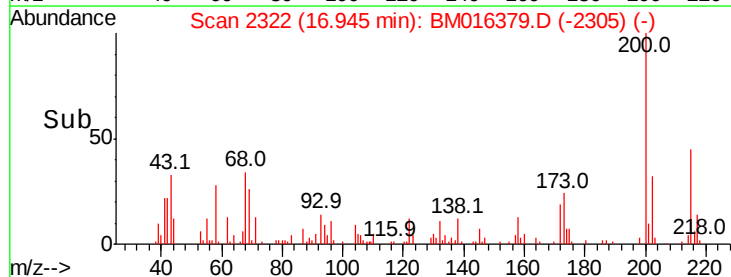
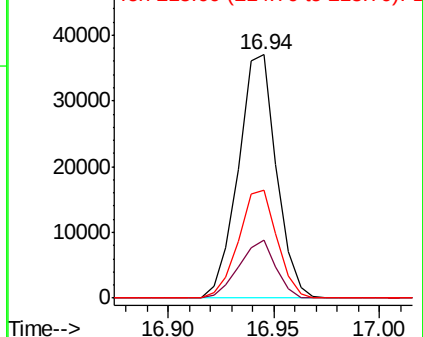


#68
Atrazine
Concen: 49.551 ng
RT: 16.94 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

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

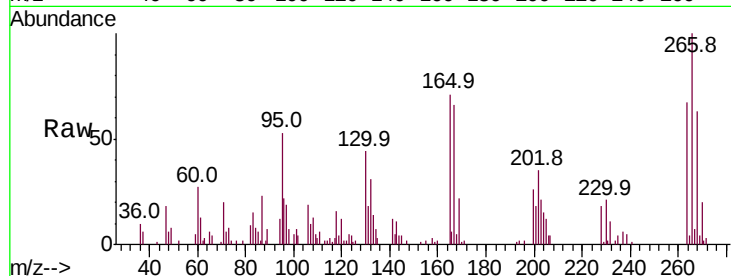




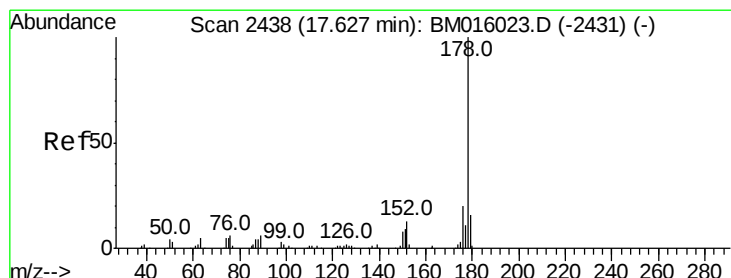
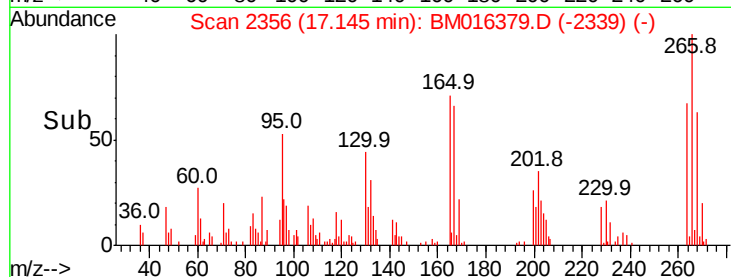
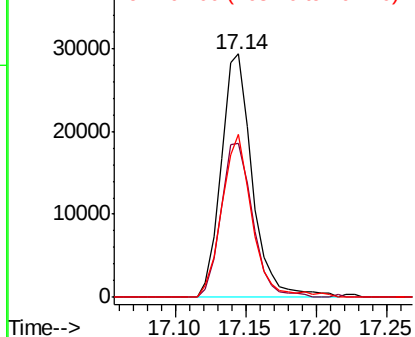
#69
 Pentachlorophenol
 Concen: 73.622 ng
 RT: 17.14 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

Tot Ion:266 Resp: 45084
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.0 78.0
 264 67.0 49.0 73.4

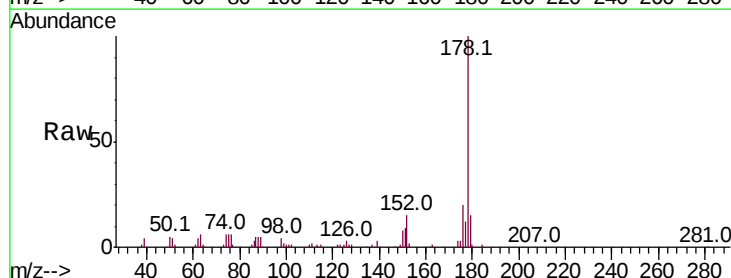


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

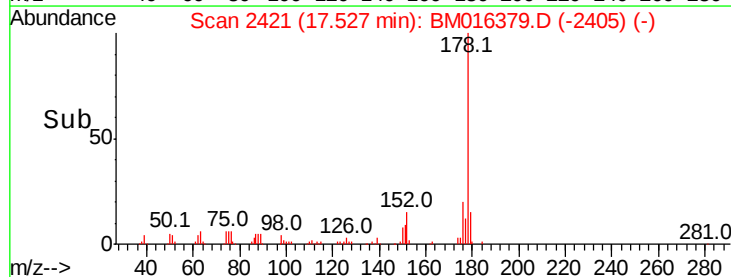
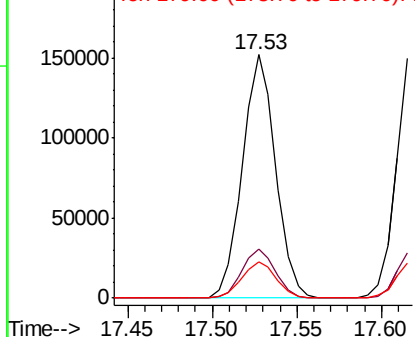


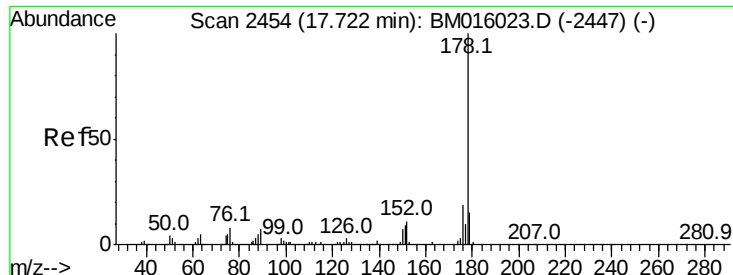
#70
 Phenanthrene
 Concen: 46.927 ng
 RT: 17.53 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

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

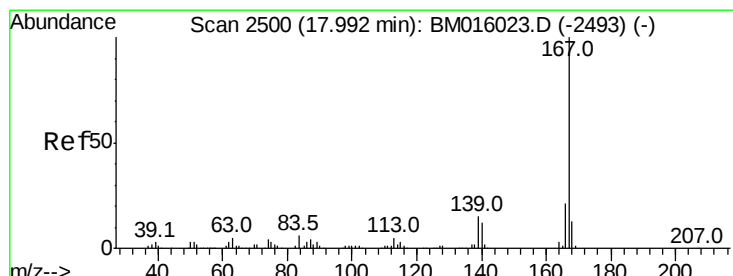
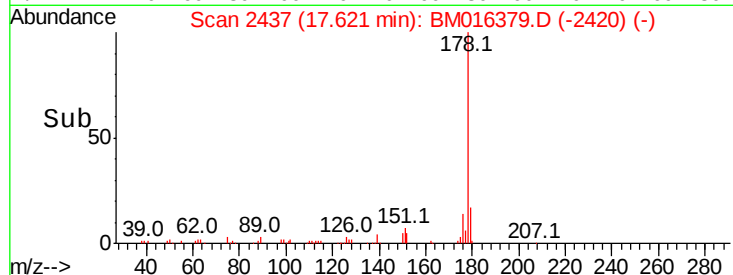
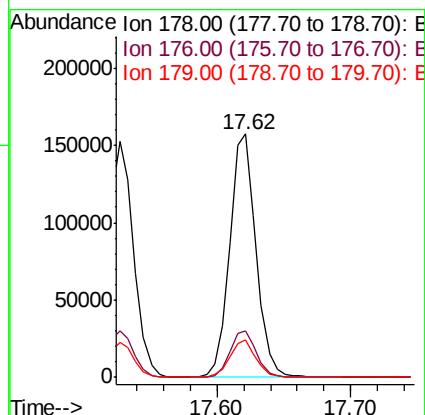
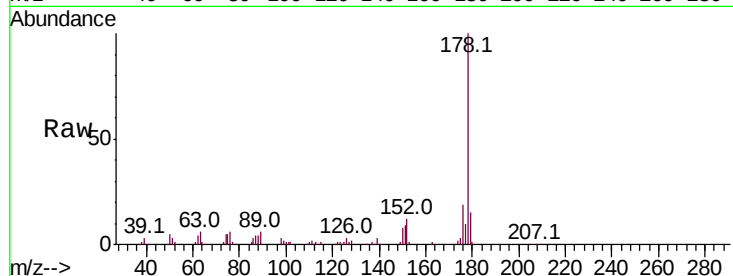




#71
 Anthracene
 Concen: 50.331 ng
 RT: 17.62 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BM016379.D
 Acq: 15 Aug 2018 14:19

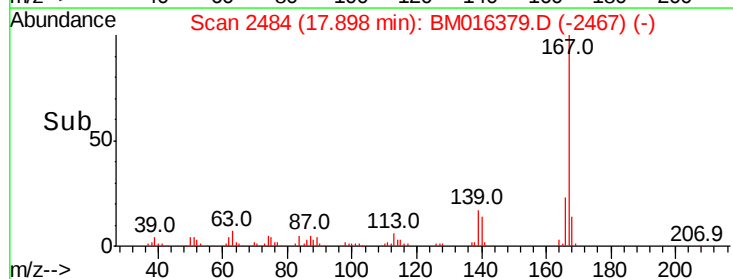
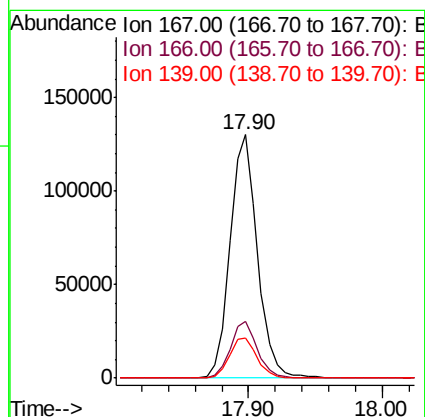
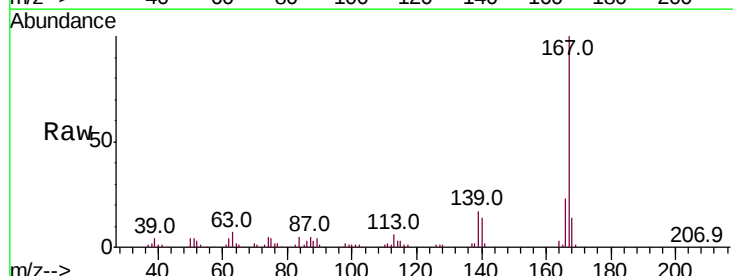
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BSD

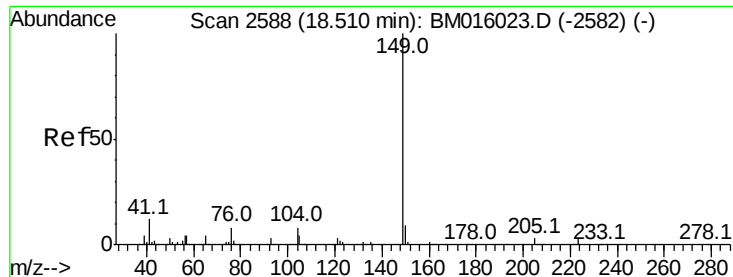
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	22.0
179	15.2	12.6	19.0



#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#

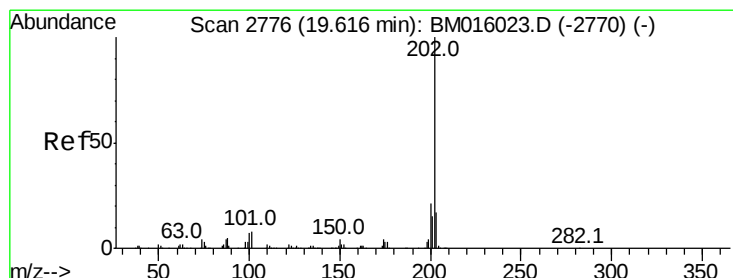
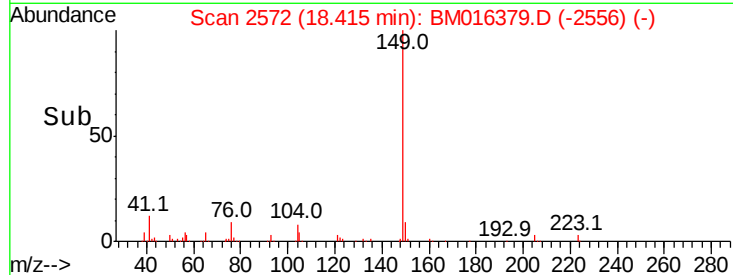
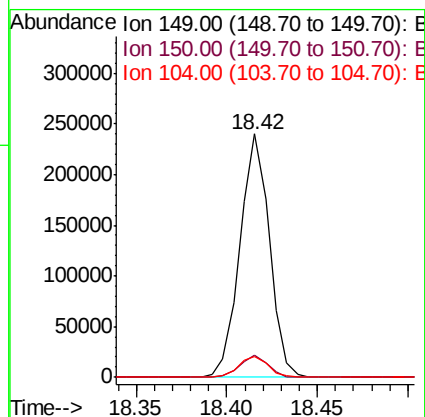
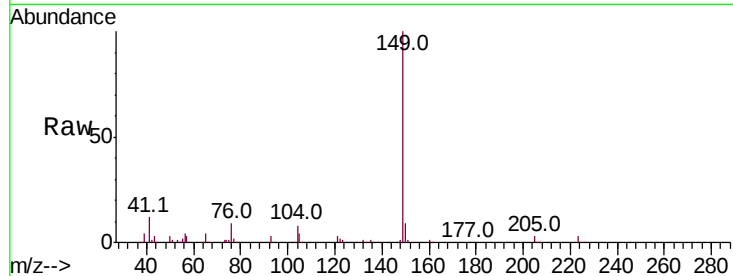




#73
Di-n-butylphthalate
Concen: 48.602 ng
RT: 18.42 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

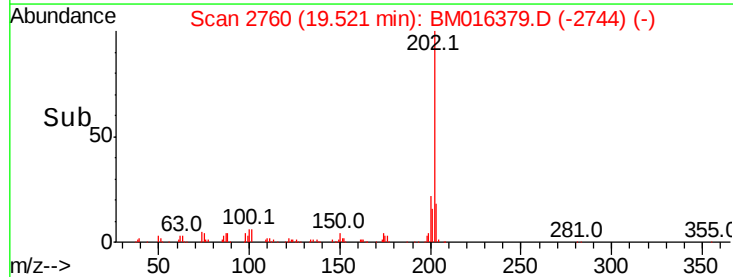
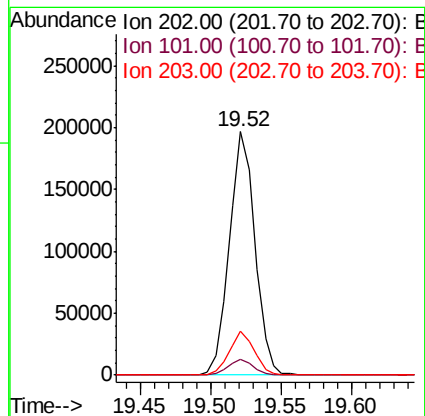
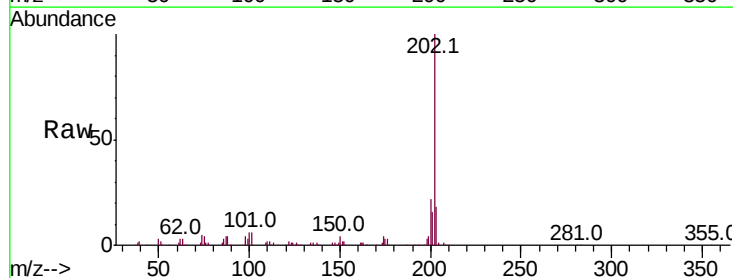
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

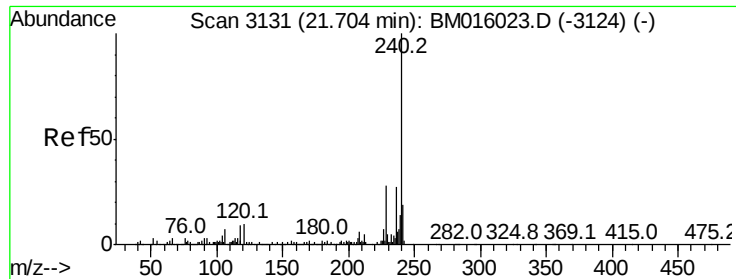
Tot Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	8.5	3.7	5.5



#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

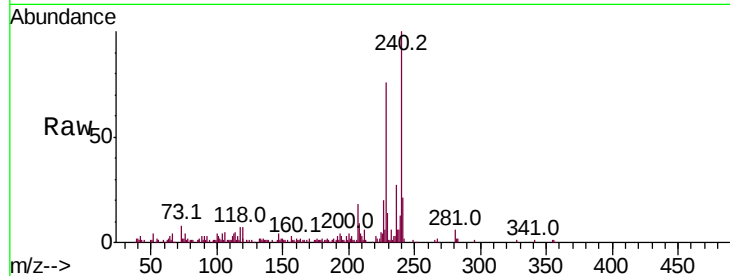
Tot Ion:240 Resp: 94777

Ion Ratio Lower Upper

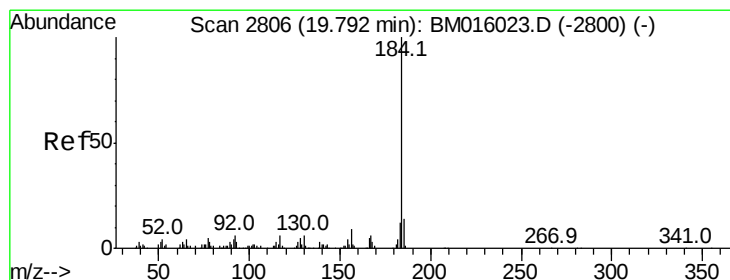
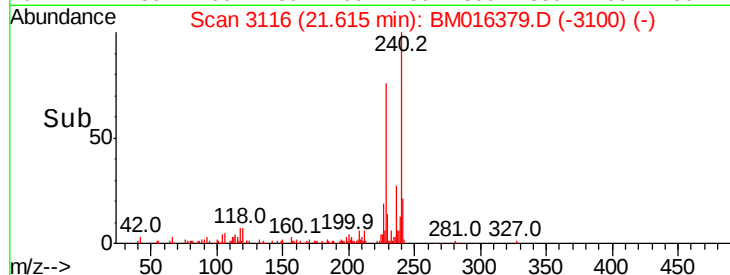
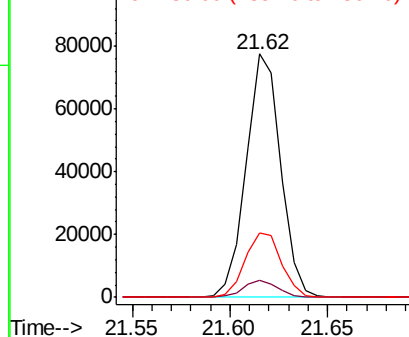
240 100

120 6.8 8.2 12.2#

236 26.7 20.0 30.0



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



#76

Benzidine

Concen: 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

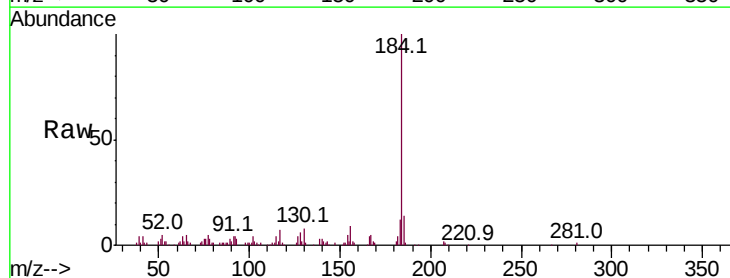
Tgt Ion:184 Resp: 135765

Ion Ratio Lower Upper

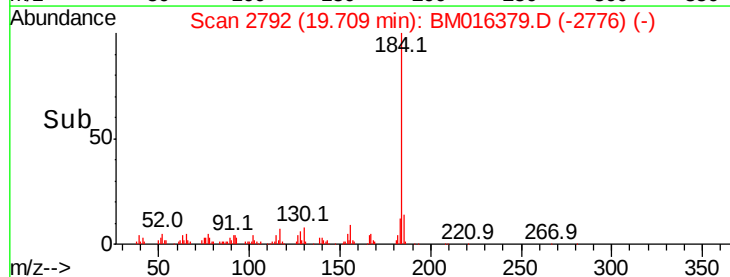
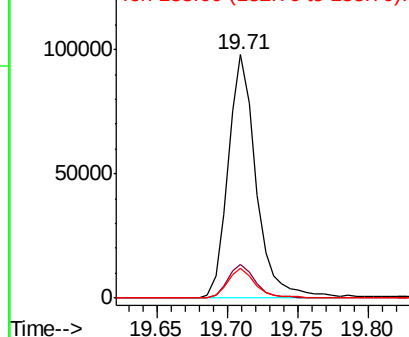
184 100

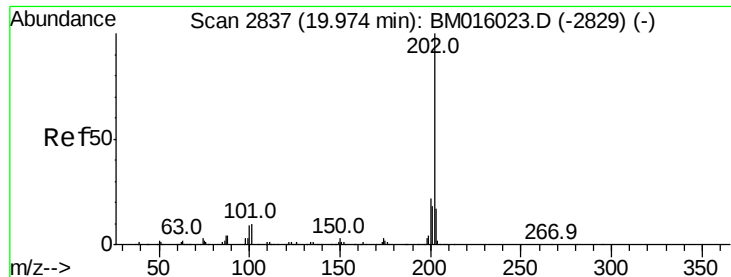
185 13.9 11.3 16.9

183 12.3 8.9 13.3



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

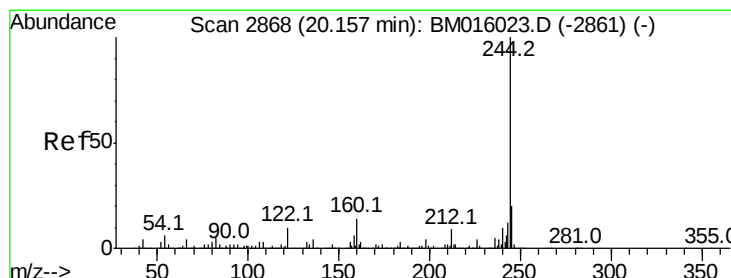
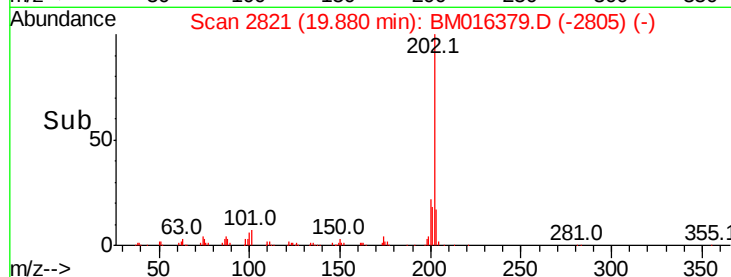
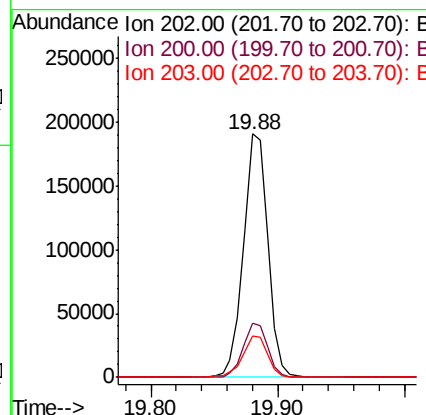
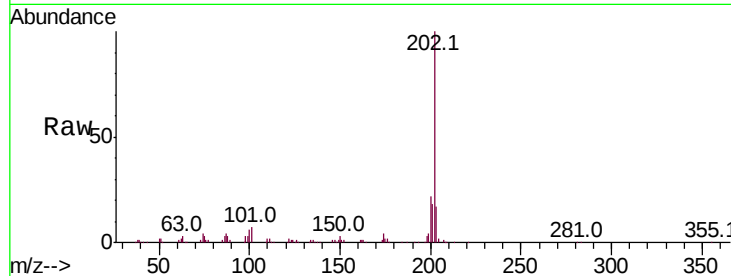




#77
Pvrene
Concen: 44.570 ng
RT: 19.88 min Scan# 2821
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

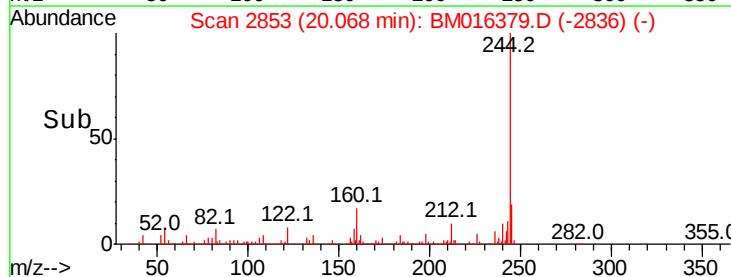
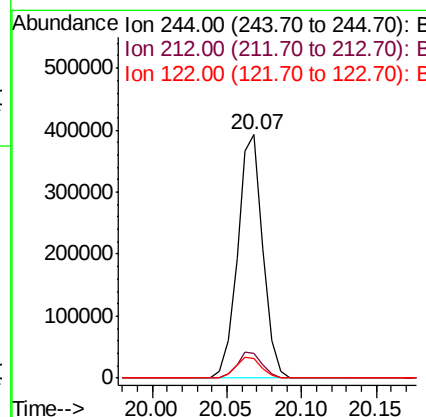
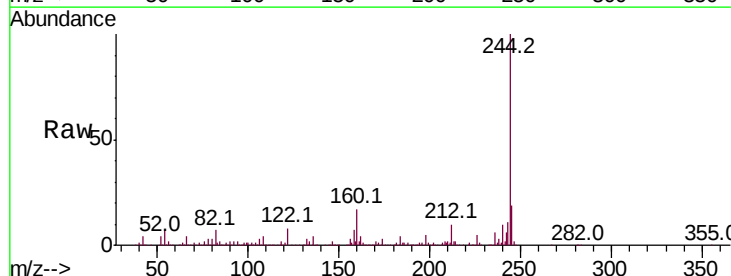
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

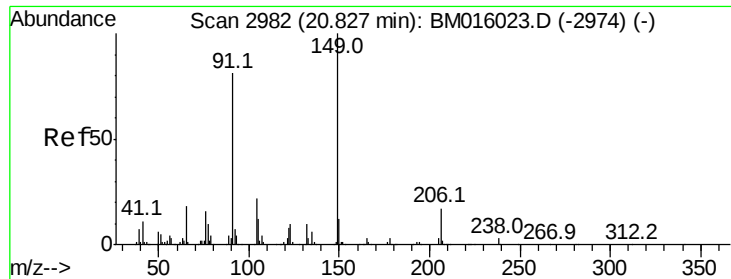
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	17.1	14.1	21.1



#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	Lower	Upper
244	100		
212	10.4	4.9	7.3#
122	8.1	6.2	9.4

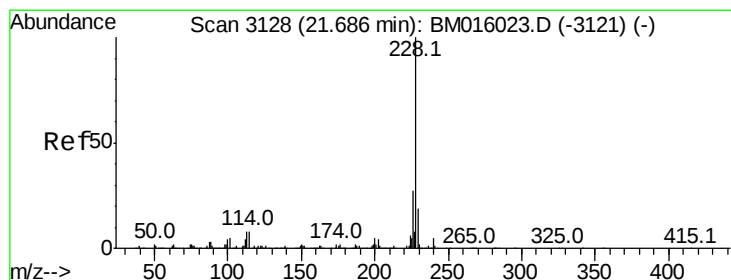
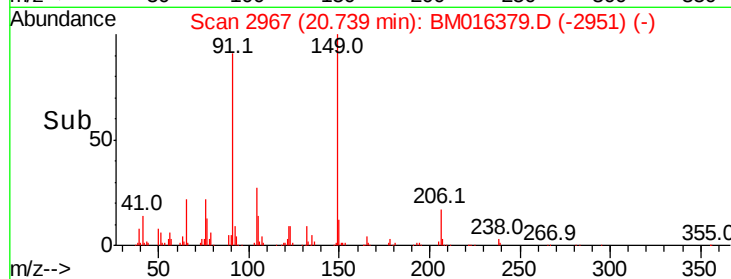
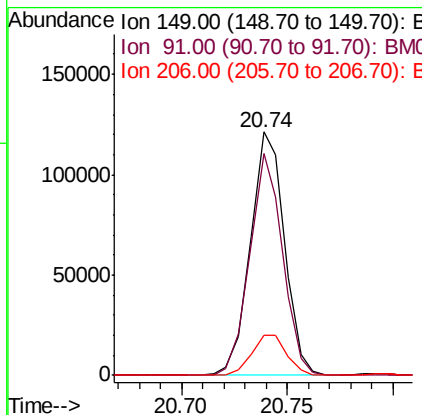
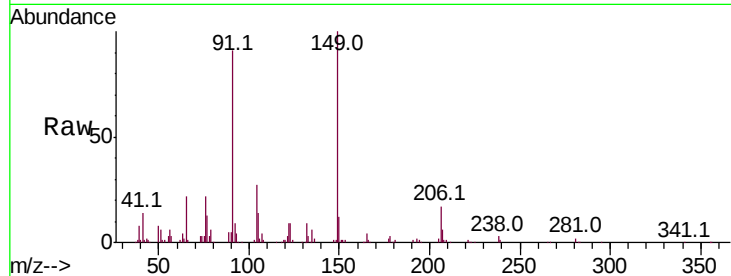




#79
Butylbenzylphthalate
Concen: 47.242 ng
RT: 20.74 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

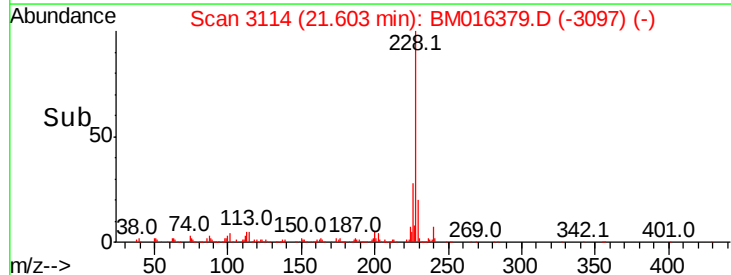
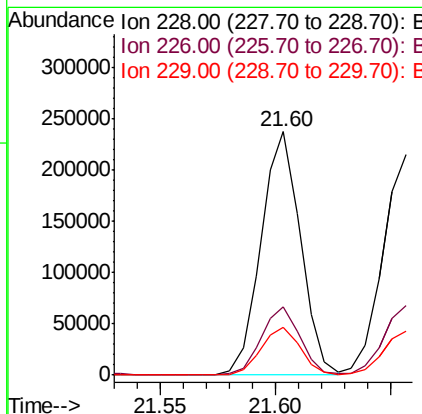
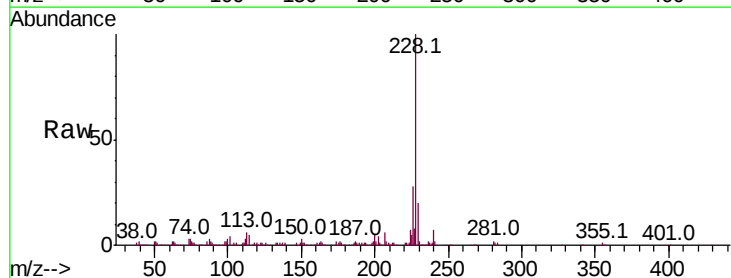
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

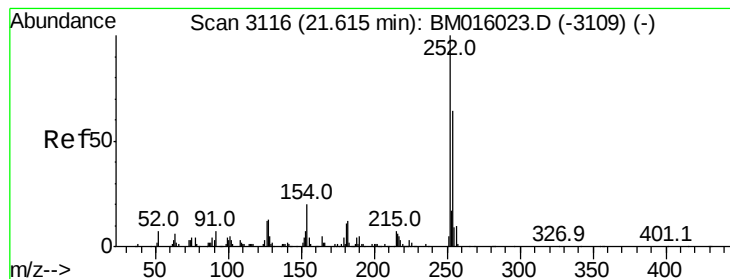
Tot Ion:149 Resp: 136309
Ion Ratio Lower Upper
149 100
91 91.3 50.1 75.1#
206 16.5 16.2 24.2



#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

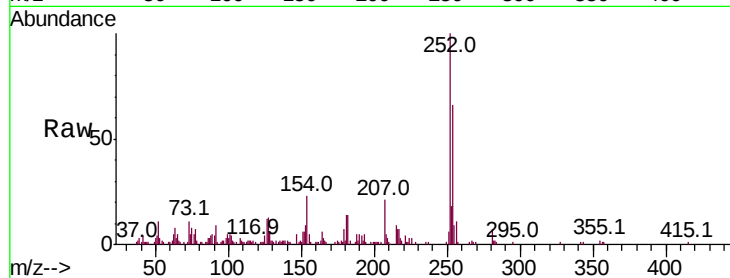
Tot Ion:252 Resp: 74246

Ion Ratio Lower Upper

252 100

254 66.3 51.9 77.9

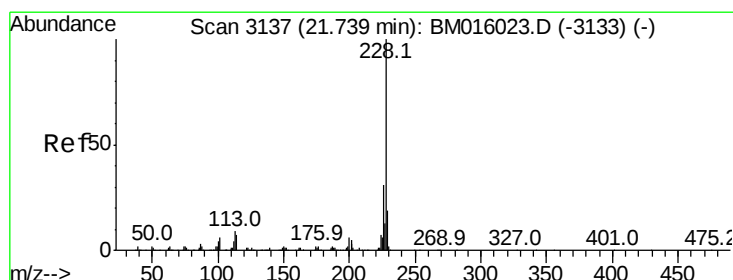
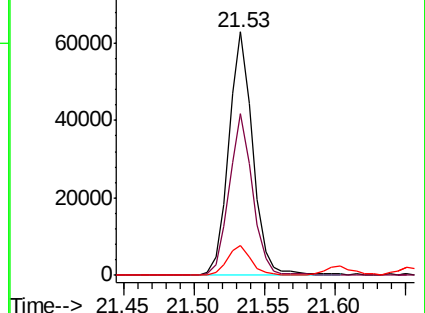
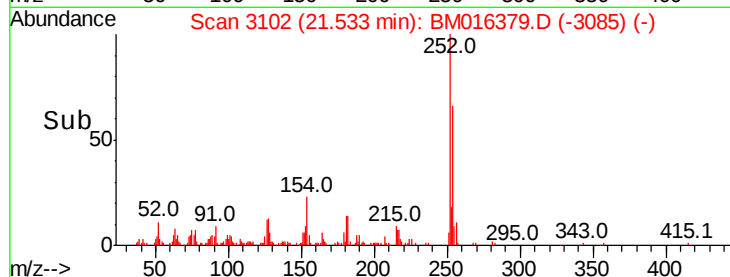
126 12.1 9.8 14.8



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

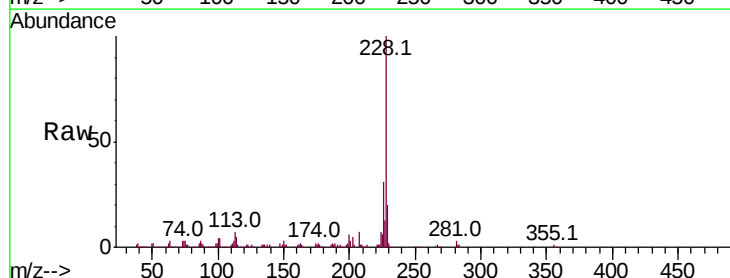
Tgt Ion:228 Resp: 260636

Ion Ratio Lower Upper

228 100

226 31.4 24.1 36.1

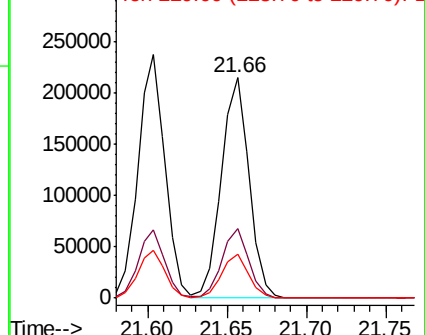
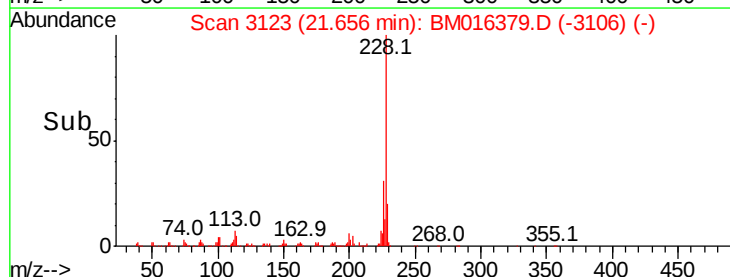
229 19.8 15.5 23.3

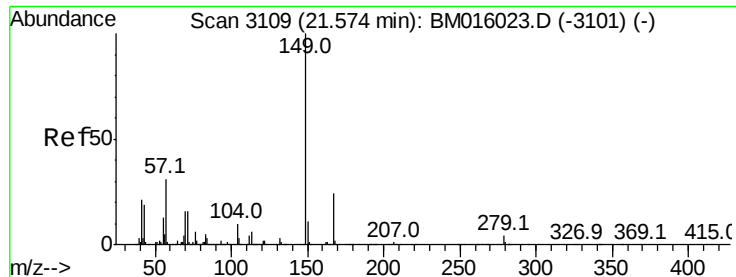


Abundance Ion 228.00 (227.70 to 228.70): E

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

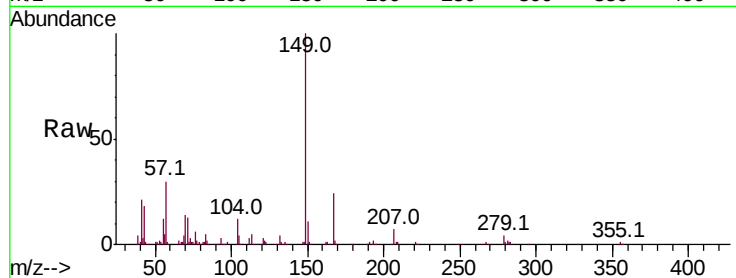
Tot Ion:149 Resp: 197161

Ion Ratio Lower Upper

149 100

167 23.5 22.4 33.6

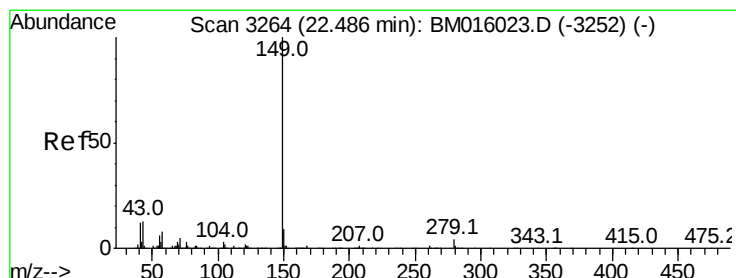
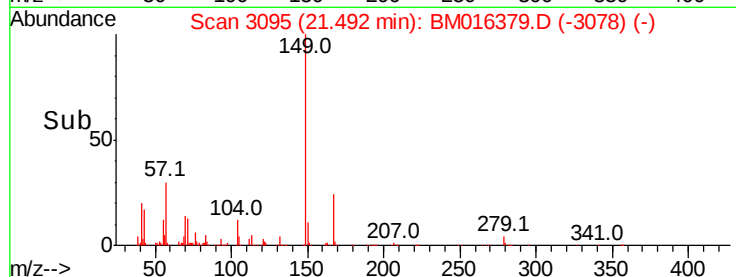
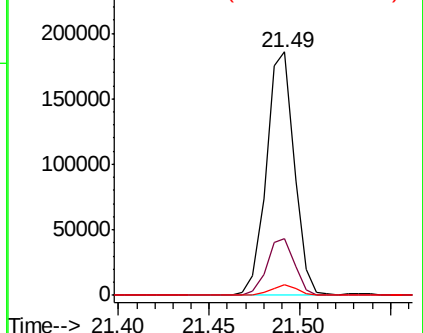
279 4.2 3.4 5.0



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

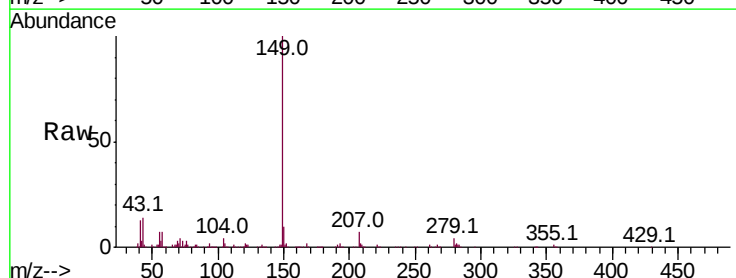
Tgt Ion:149 Resp: 346674

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

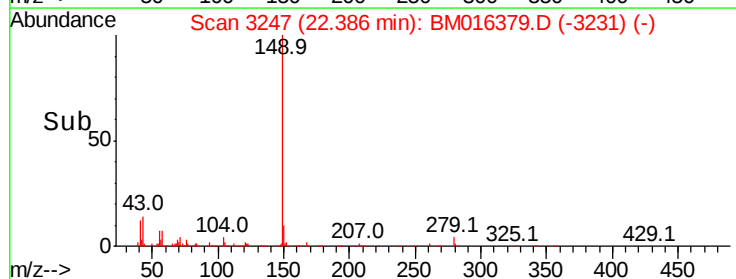
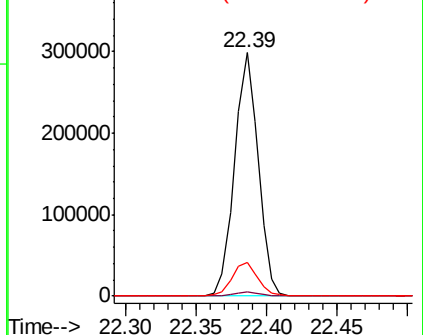
43 14.5 7.3 10.9#



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

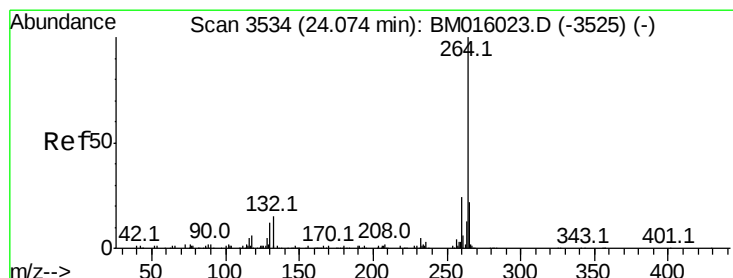
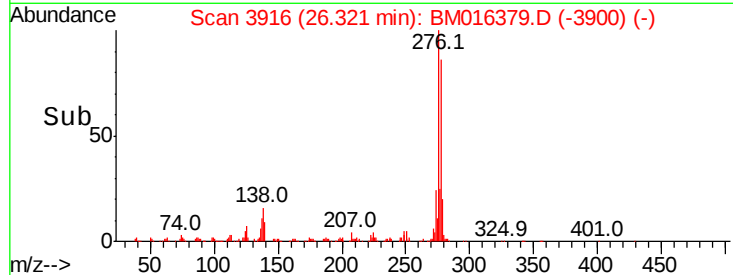
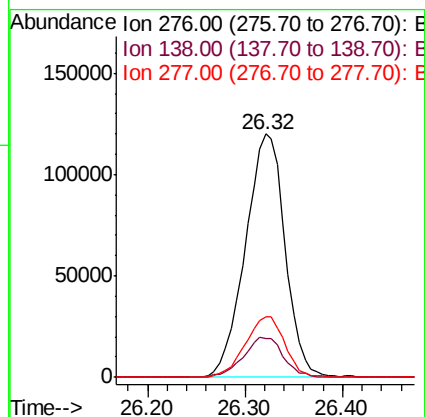
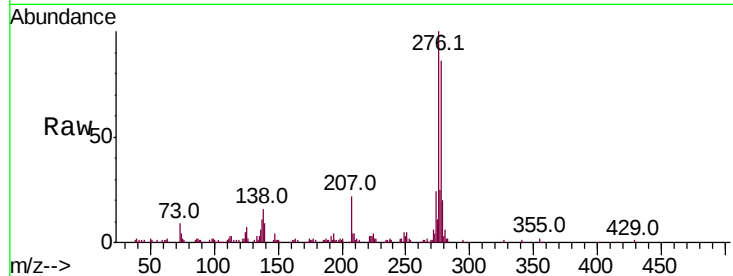




#85
Indeno(1,2,3-cd)pyrene
Concen: 51.192 ng
RT: 26.32 min Scan# 3916
Delta R.T. -0.01 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

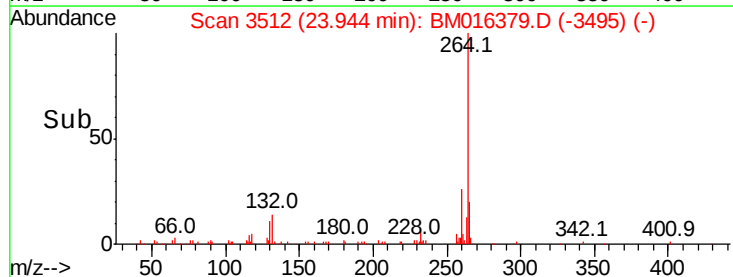
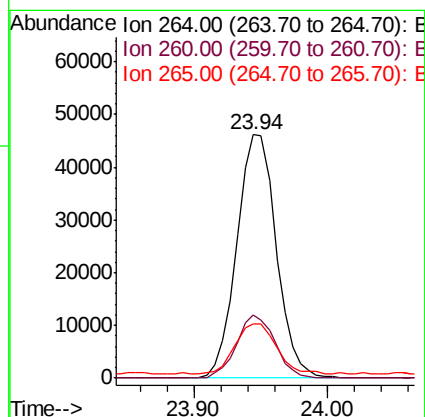
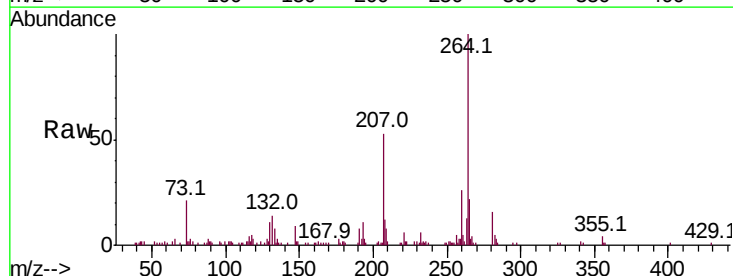
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

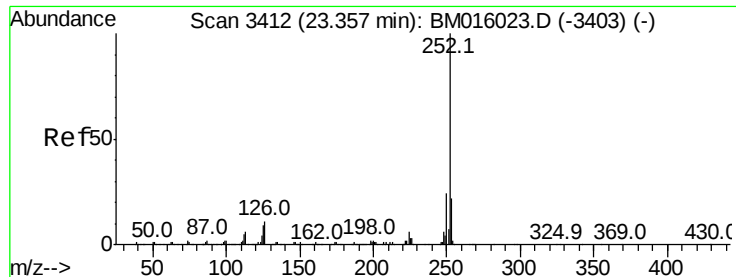
Tot Ion:276 Resp: 340162
Ion Ratio Lower Upper
276 100
138 16.5 12.0 18.0
277 25.0 20.0 30.0



#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:264 Resp: 94520
Ion Ratio Lower Upper
264 100
260 26.2 18.6 27.8
265 22.1 17.3 25.9

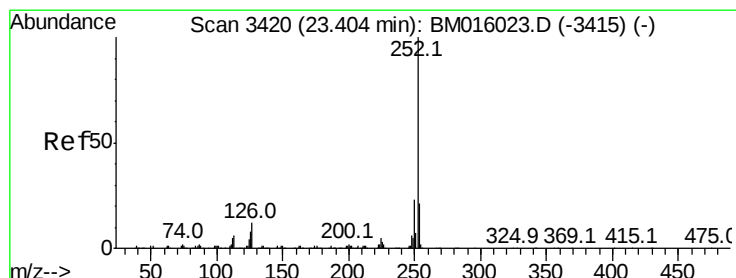
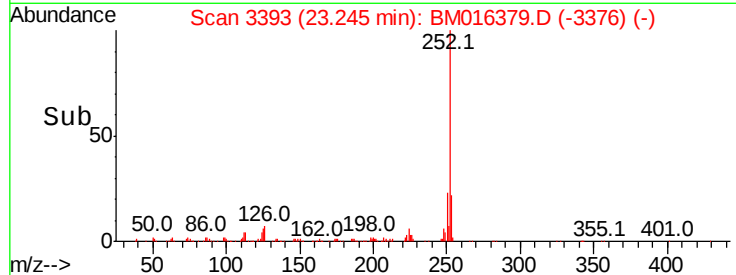
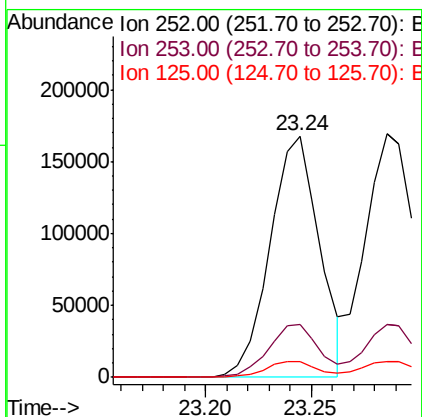
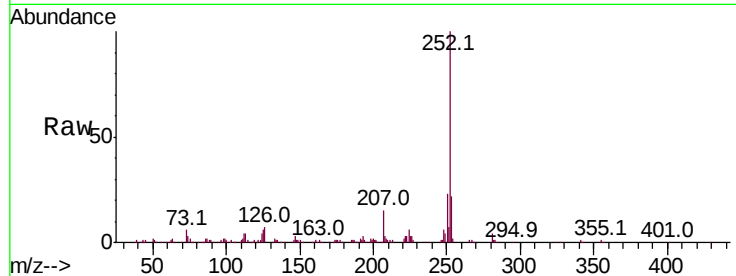




#87
Benzo(b)fluoranthene
Concen: 49.157 ng
RT: 23.24 min Scan# 3393
Delta R.T. 0.00 min
Lab File: BM016379.D
Acq: 15 Aug 2018 14:19

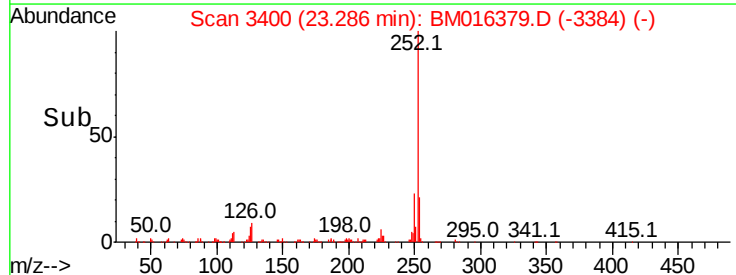
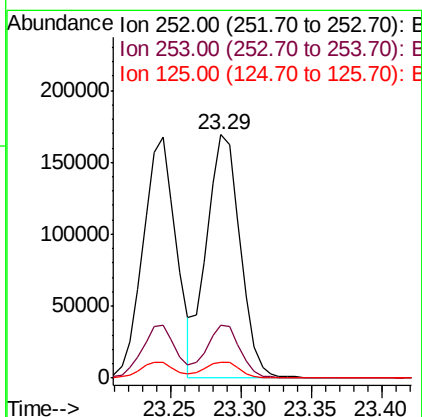
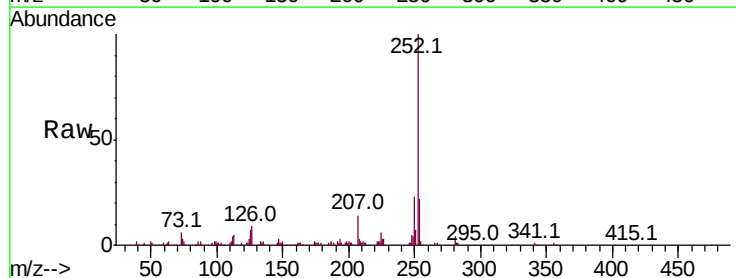
Instrument :
BNA_M
ClientSampleId :
PB112017BSD

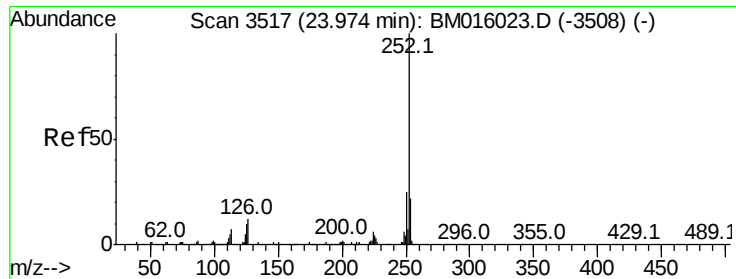
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	6.3	9.9	14.9#



#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	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

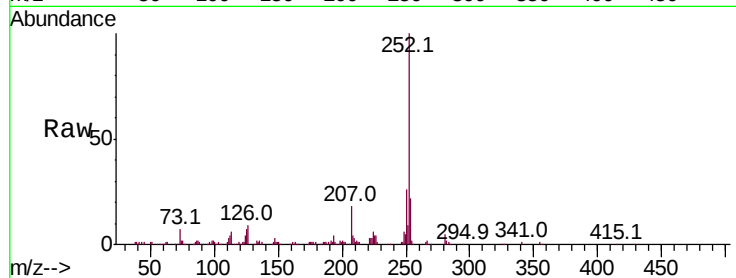
Tot Ion:252 Resp: 271456

Ion Ratio Lower Upper

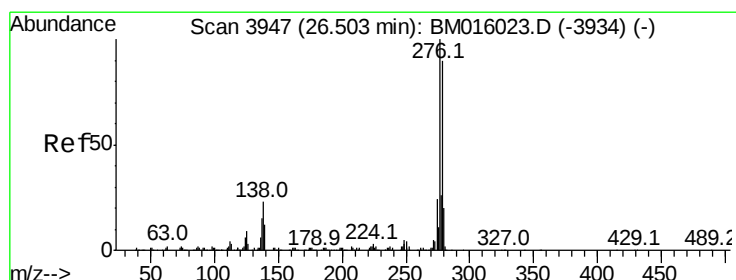
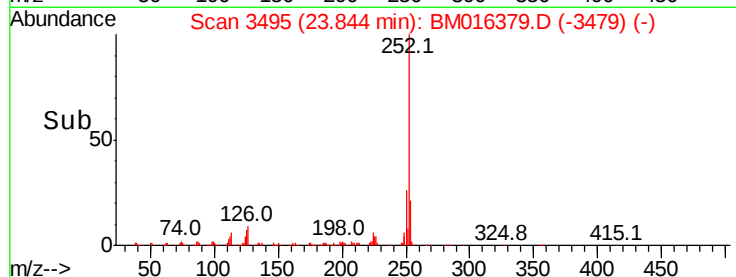
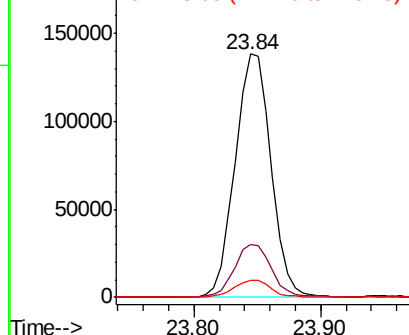
252 100

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

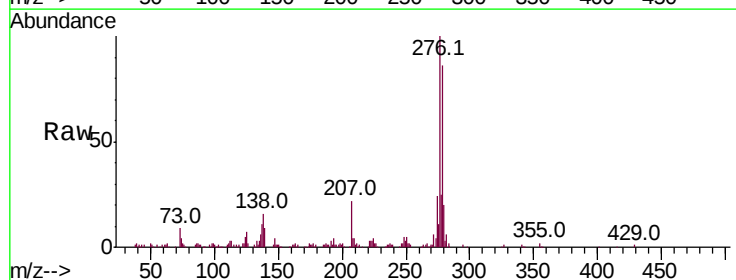
Tgt Ion:278 Resp: 287817

Ion Ratio Lower Upper

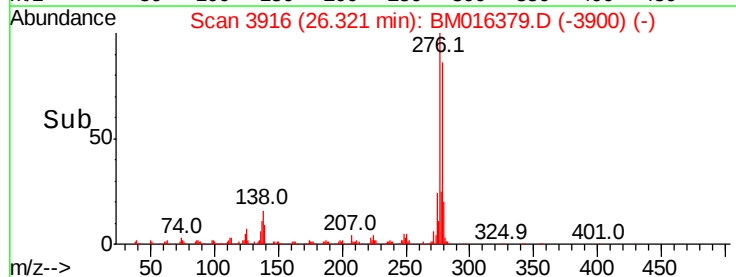
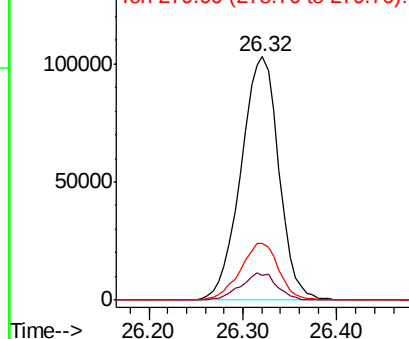
278 100

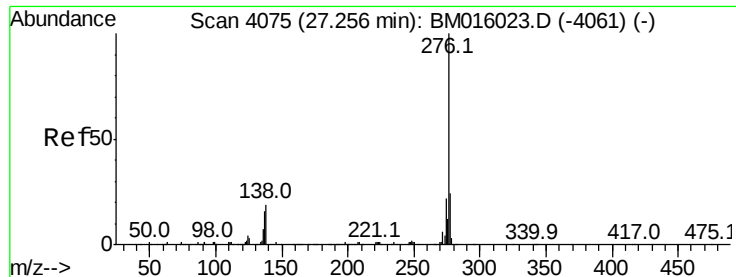
139 10.3 13.4 20.0#

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(a,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

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

