

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081518\
 Data File : BM016374.D
 Acq On : 15 Aug 2018 11:17
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 16 01:25:48 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	22905	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	91703	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	50597	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	108801	20.00	ng	0.00
75) Chrysene-d12	21.62	240	127603	20.00	ng	0.00
86) Perylene-d12	23.94	264	130417	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	115482	83.75	ng	0.00
7) Phenol-d6	7.29	99	140960	78.28	ng	0.00
23) Nitrobenzene-d5	9.30	82	176695	89.62	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	49583	77.26	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	358961	86.32	ng	0.00
78) Terphenyl-d14	20.07	244	539838	88.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	29252	45.278	ng	# 100
3) Pyridine	3.88	79	61795	39.705	ng	# 66
4) n-Nitrosodimethylamine	3.80	42	58376	48.089	ng	# 30
6) Aniline	7.45	93	78805	38.008	ng	# 89
8) 2-Chlorophenol	7.67	128	65826	40.167	ng	95
9) Benzaldehyde	7.26	77	51015	40.322	ng	83
10) Phenol	7.31	94	68918	38.274	ng	86
11) bis(2-Chloroethyl)ether	7.53	93	52929	37.209	ng	89
12) 1,3-Dichlorobenzene	7.99	146	75578	39.399	ng	# 88
13) 1,4-Dichlorobenzene	8.15	146	76762	39.456	ng	# 93
14) 1,2-Dichlorobenzene	8.46	146	75703	39.768	ng	# 94
15) Benzyl Alcohol	8.37	79	59641	41.595	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.64	45	68977	31.683	ng	95
17) 2-Methylphenol	8.57	107	48058	39.048	ng	# 80
18) Hexachloroethane	9.18	117	37223	44.262	ng	98
19) n-Nitroso-di-n-propylamine	8.93	70	49878	37.896	ng	# 64
20) 3+4-Methylphenols	8.90	107	66372	37.483	ng	83
22) Acetophenone	8.96	105	93453	40.472	ng	# 78
24) Nitrobenzene	9.35	77	83087	41.866	ng	# 95
25) Isophorone	9.86	82	111662	41.404	ng	# 92
26) 2-Nitrophenol	10.05	139	35011	42.260	ng	# 37
27) 2,4-Dimethylphenol	10.10	122	47080	40.790	ng	# 74
28) bis(2-Chloroethoxy)methane	10.33	93	64609	36.859	ng	97
29) 2,4-Dichlorophenol	10.59	162	59671	43.507	ng	94
30) 1,2,4-Trichlorobenzene	10.79	180	70944	42.572	ng	95
31) Naphthalene	10.97	128	179520	38.680	ng	98
32) Benzoic acid	10.28	122	36728	41.743	ng	# 81
33) 4-Chloroaniline	11.10	127	75573	39.902	ng	# 86
34) Hexachlorobutadiene	11.23	225	57508	49.751	ng	97
35) Caprolactam	11.92	113	14868	39.140	ng	# 87
36) 4-Chloro-3-methylphenol	12.23	107	64540	42.783	ng	85
37) 2-Methylnaphthalene	12.57	142	124083	39.911	ng	# 86
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	78049	45.310	ng	# 100
40) Hexachlorocyclopentadiene	12.90	237	28395	38.034	ng	88

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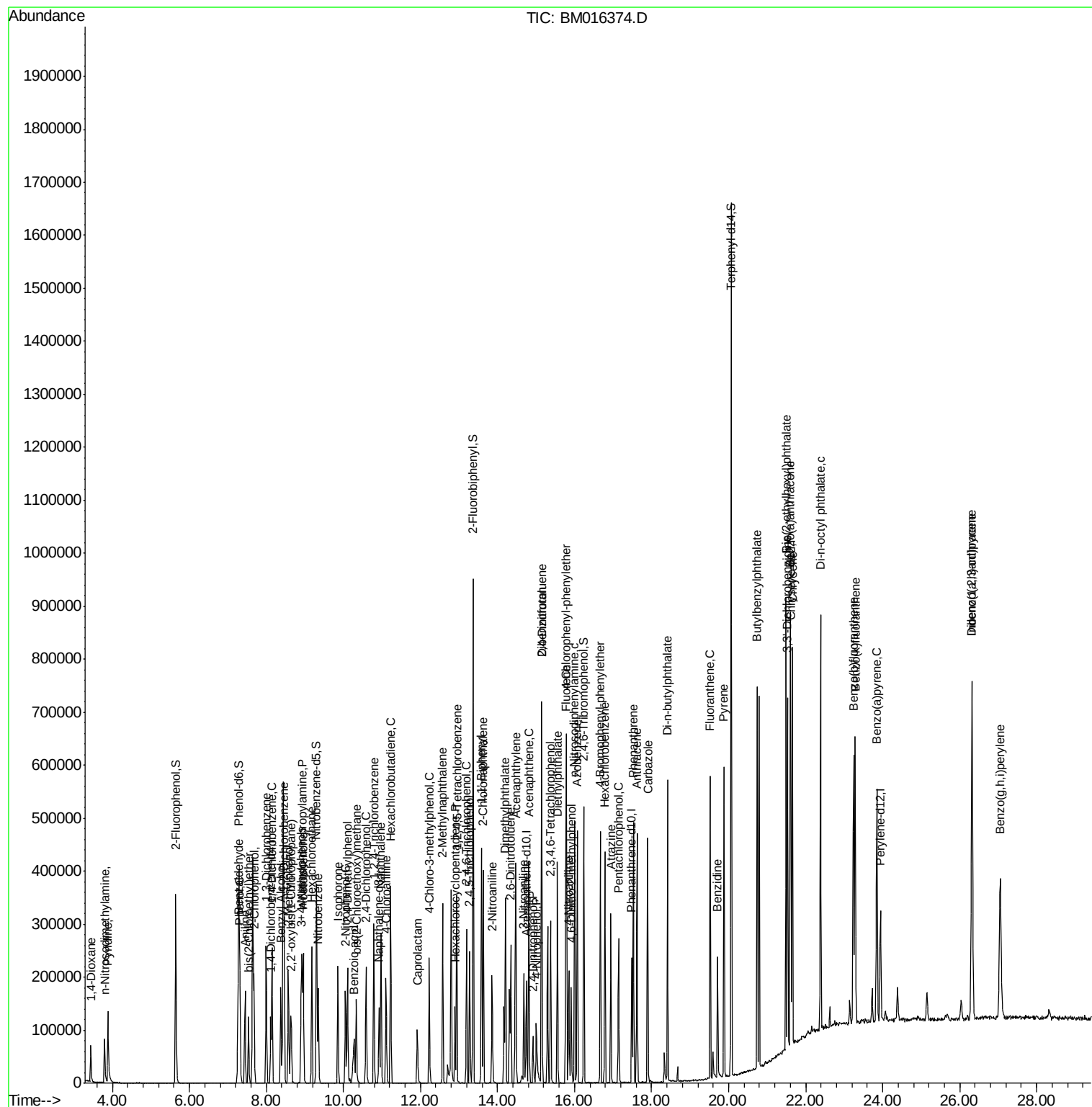
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	48010	44.547	ng	96
43) 2,4,5-Trichlorophenol	13.27	196	49527	44.552	ng #	84
45) 1,1'-Biphenyl	13.58	154	176738	38.705	ng	97
46) 2-Chloronaphthalene	13.63	162	139862	39.381	ng #	88
47) 2-Nitroaniline	13.86	65	48790	41.553	ng #	75
48) Acenaphthylene	14.47	152	205312	39.489	ng	98
49) Dimethylphthalate	14.21	163	179392	40.513	ng	97
50) 2,6-Dinitrotoluene	14.35	165	35724	40.097	ng #	48
51) Acenaphthene	14.82	154	122913	38.439	ng	98
52) 3-Nitroaniline	14.69	138	36181	37.598	ng #	77
53) 2,4-Dinitrophenol	14.92	184	15892	44.482	ng #	73
54) Dibenzofuran	15.14	168	206848	39.255	ng #	75
55) 4-Nitrophenol	15.01	139	23090	33.471	ng #	86
56) 2,4-Dinitrotoluene	15.14	165	52959	41.572	ng #	63
57) Fluorene	15.79	166	154846	39.546	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.38	232	40833	42.734	ng #	100
59) Diethylphthalate	15.56	149	199658	41.833	ng #	93
60) 4-Chlorophenyl-phenylether	15.78	204	93731	43.000	ng #	88
61) 4-Nitroaniline	15.85	138	34399	37.257	ng #	1
62) Azobenzene	16.07	77	219004	43.570	ng #	71
64) 4,6-Dinitro-2-methylphenol	15.91	198	27927	42.289	ng #	84
65) n-Nitrosodiphenylamine	16.00	169	142267	39.710	ng	97
66) 4-Bromophenyl-phenylether	16.67	248	52719	42.791	ng #	68
67) Hexachlorobenzene	16.79	284	52833	38.942	ng #	63
68) Atrazine	16.94	200	52895	41.194	ng	96
69) Pentachlorophenol	17.14	266	31742	37.783	ng	96
70) Phenanthrene	17.53	178	232649	38.193	ng	99
71) Anthracene	17.62	178	235307	39.747	ng	98
72) Carbazole	17.90	167	233410	38.057	ng #	94
73) Di-n-butylphthalate	18.42	149	330619	43.261	ng #	96
74) Fluoranthene	19.52	202	280406	41.268	ng	96
76) Benzidine	19.71	184	101210	28.384	ng	99
77) Pyrene	19.88	202	293598	38.395	ng	99
79) Butylbenzylphthalate	20.74	149	166530	42.869	ng #	73
80) Benzo(a)anthracene	21.60	228	315986	40.206	ng	99
81) 3,3'-Dichlorobenzidine	21.53	252	124394	39.296	ng	99
82) Chrysene	21.66	228	301464	39.987	ng	98
83) Bis(2-ethylhexyl)phthalate	21.49	149	244000	43.340	ng	93
84) Di-n-octyl phthalate	22.39	149	413448	43.695	ng #	87
85) Indeno(1,2,3-cd)pyrene	26.32	276	372823	41.674	ng	98
87) Benzo(b)fluoranthene	23.24	252	301039	39.205	ng #	92
88) Benzo(k)fluoranthene	23.29	252	312408	40.145	ng #	97
89) Benzo(a)pyrene	23.84	252	292978	39.689	ng	98
90) Dibenzo(a,h)anthracene	26.32	278	318319	41.621	ng #	94
91) Benzo(g,h,i)perylene	27.06	276	286824	39.652	ng #	89

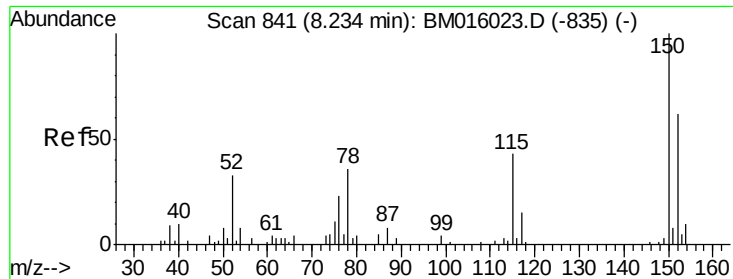
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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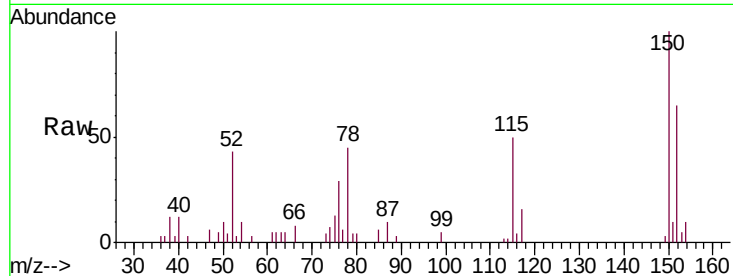




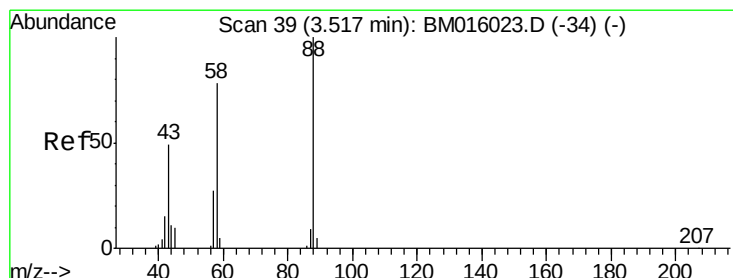
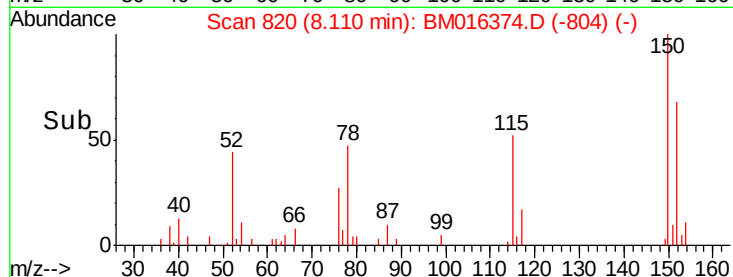
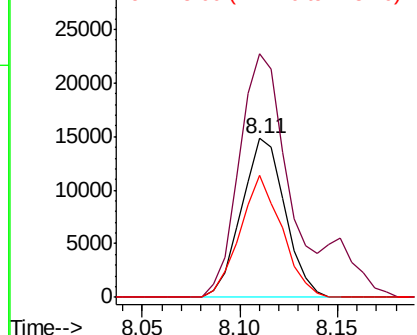
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 22905
 Ion Ratio Lower Upper
 152 100
 150 153.2 119.5 179.3
 115 76.6 43.0 64.4#

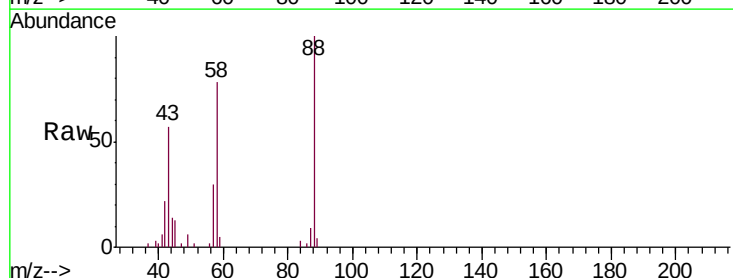


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

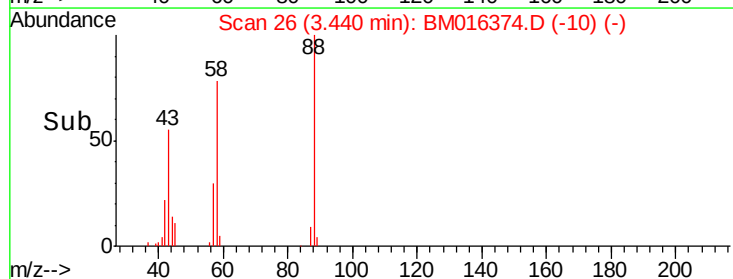
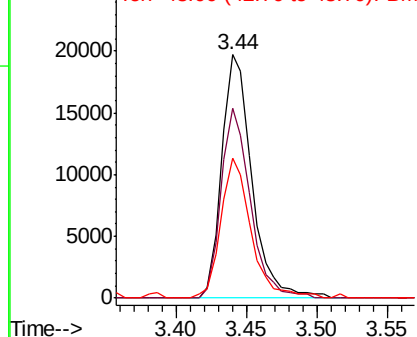


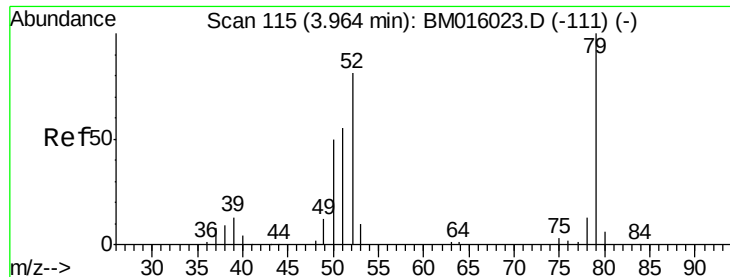
#2
 1,4-Dioxane
 Concen: 45.278 ng
 RT: 3.44 min Scan# 26
 Delta R.T. -0.01 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

Tgt Ion: 88 Resp: 29252
 Ion Ratio Lower Upper
 88 100
 58 75.5 0.0 0.0#
 43 58.0 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
 Ion 58.00 (57.70 to 58.70): BM0
 Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 39.705 ng

RT: 3.88 min Scan# 101

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

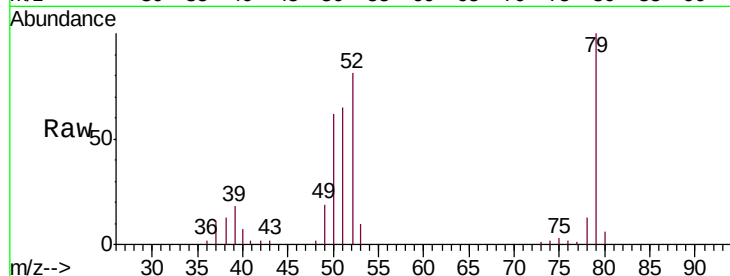
Tgt Ion: 79 Resp: 61795

Ion Ratio Lower Upper

79 100

52 80.9 51.1 76.7#

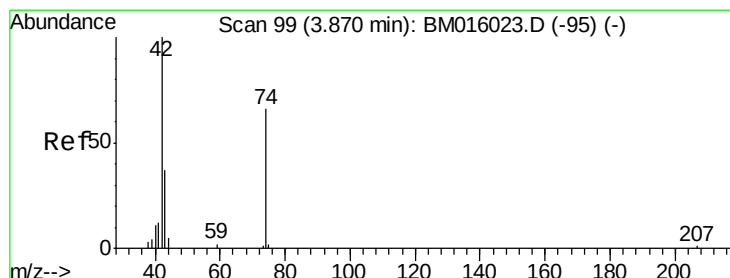
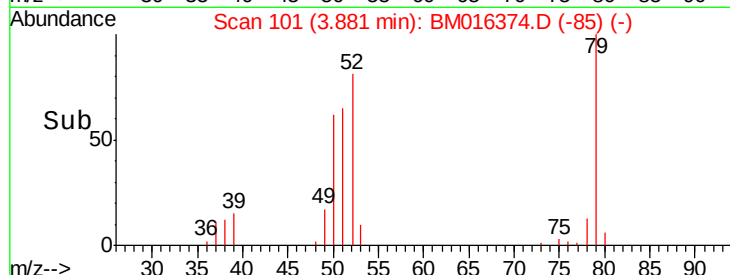
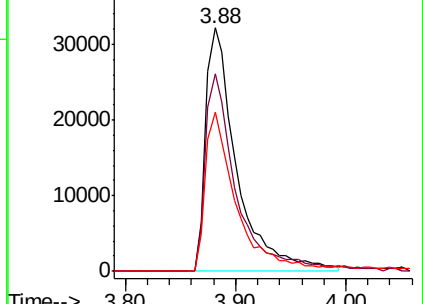
51 65.4 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016374.D (-111) (-)

Ion 52.00 (51.70 to 52.70): BM016374.D (-111) (-)

Ion 51.00 (50.70 to 51.70): BM016374.D (-111) (-)



#4

n-Nitrosodimethylamine

Concen: 48.089 ng

RT: 3.80 min Scan# 87

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

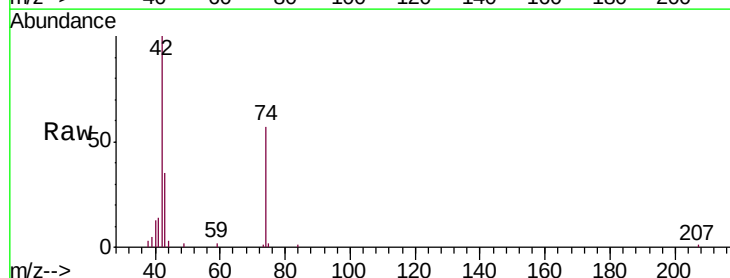
Tgt Ion: 42 Resp: 58376

Ion Ratio Lower Upper

42 100

74 56.6 119.3 178.9#

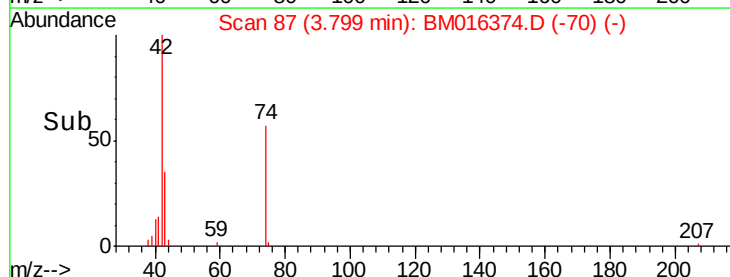
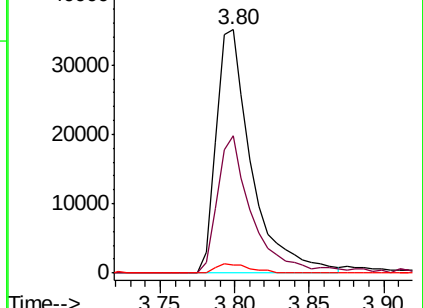
44 3.2 5.4 8.2#

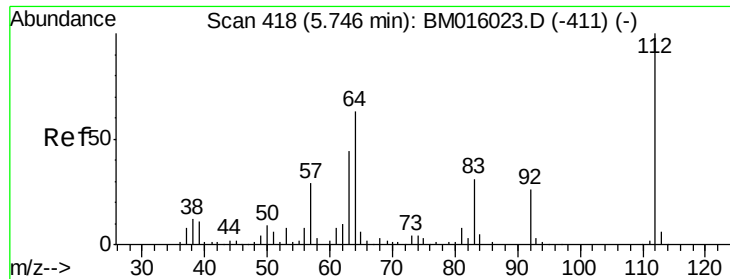


Abundance Ion 42.00 (41.70 to 42.70): BM016374.D (-70) (-)

Ion 74.00 (73.70 to 74.70): BM016374.D (-70) (-)

Ion 44.00 (43.70 to 44.70): BM016374.D (-70) (-)





#5

2-Fluorophenol

Concen: 48.089 ng

RT: 5.65 min Scan# 401

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

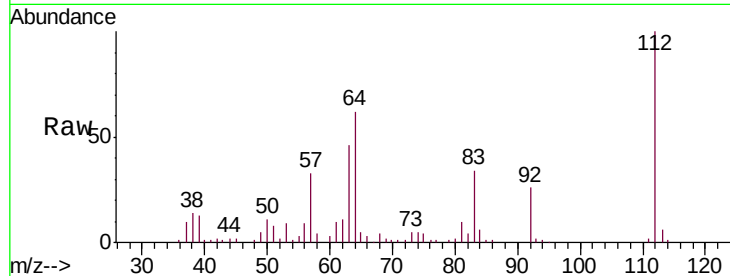
Tgt Ion: 112 Resp: 115482

Ion Ratio Lower Upper

112 100

64 62.3 38.6 57.8#

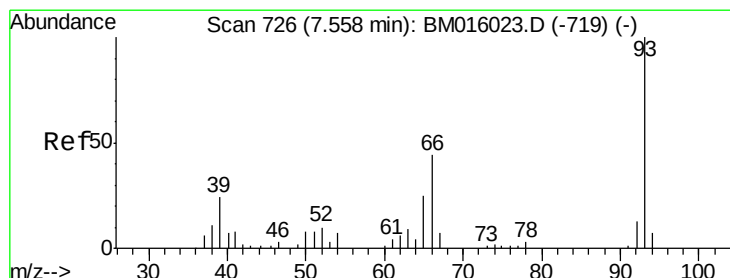
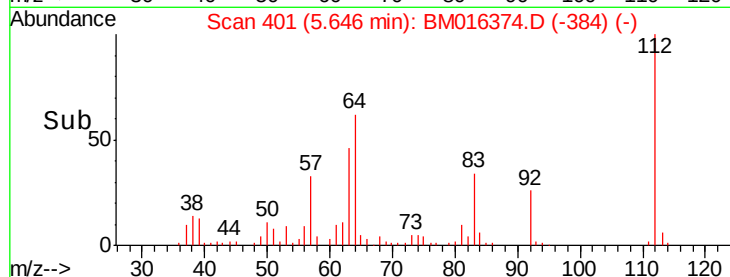
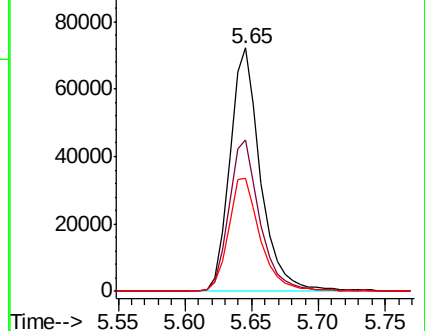
63 46.3 19.3 28.9#



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: 38.008 ng

RT: 7.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

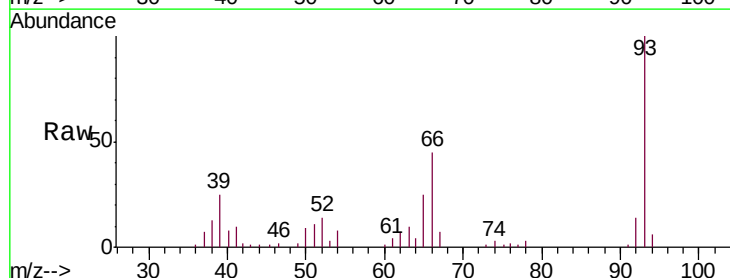
Tgt Ion: 93 Resp: 78805

Ion Ratio Lower Upper

93 100

66 45.4 30.8 46.2

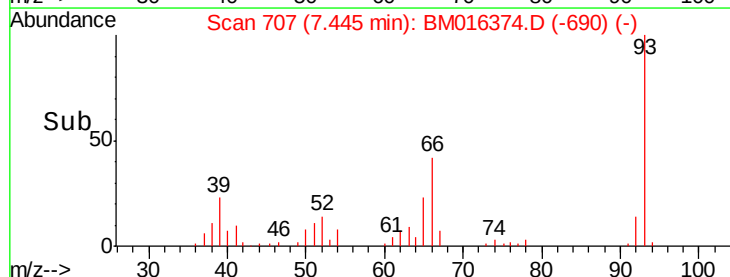
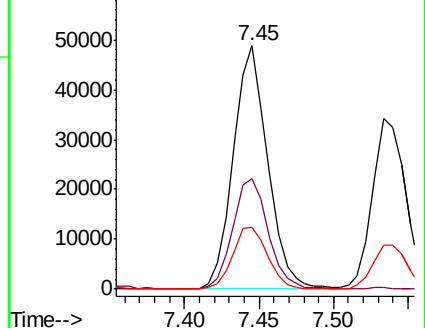
65 25.2 16.0 24.0#

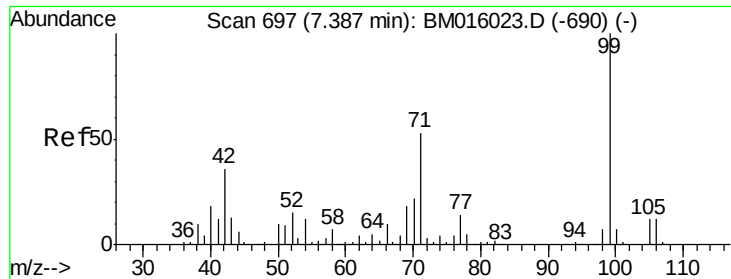


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 38.008 ng

RT: 7.29 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM016374.D

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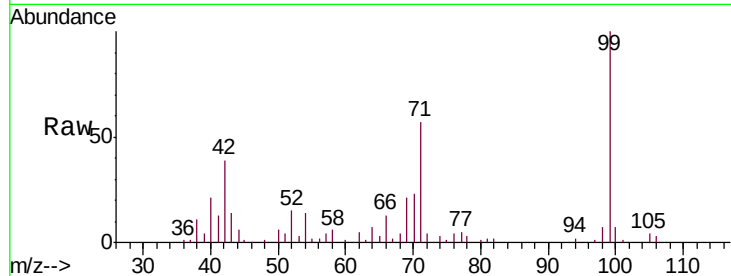
Tgt Ion: 99 Resp: 140960

Ion Ratio Lower Upper

99 100

42 39.4 11.0 16.4#

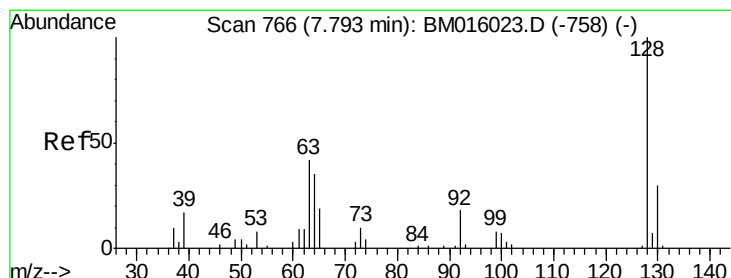
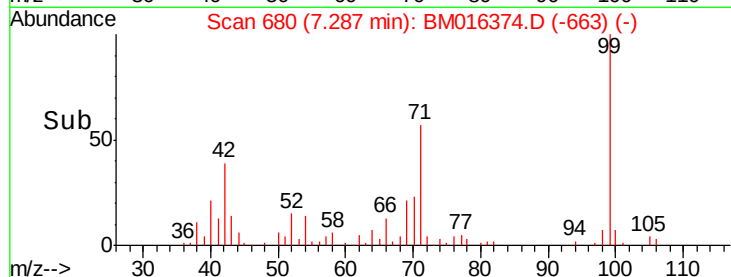
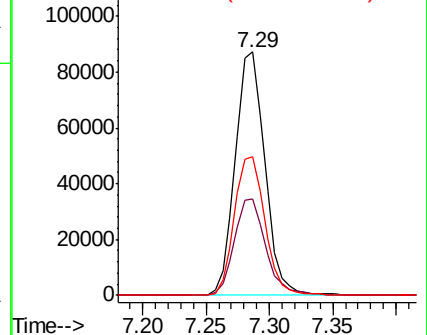
71 57.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016374.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016374.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016374.D (-690) (-)



#8

2-Chlorophenol

Concen: 40.167 ng

RT: 7.67 min Scan# 746

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

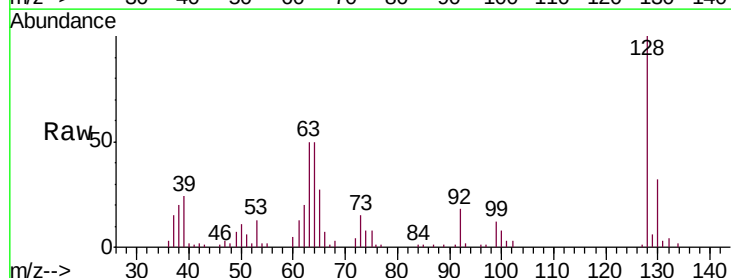
Tgt Ion: 128 Resp: 65826

Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

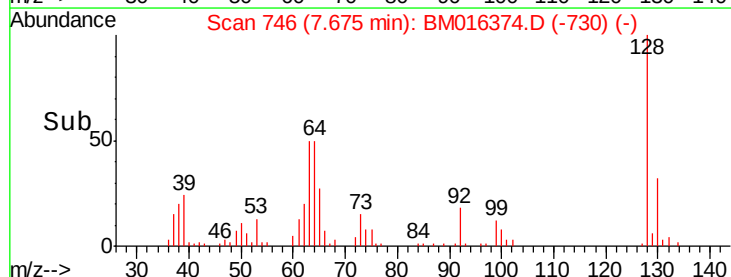
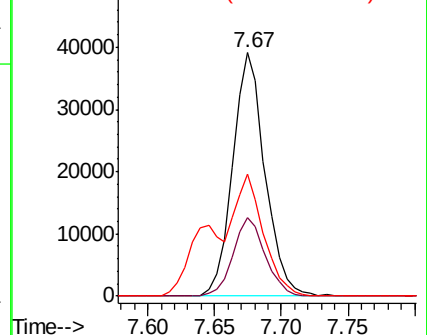
64 49.9 24.9 64.9

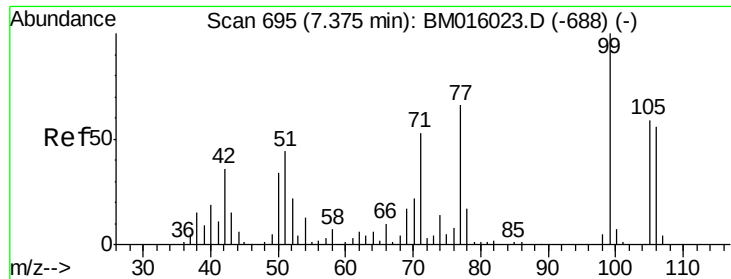


Abundance Ion 128.00 (127.70 to 128.70): BM016374.D (-730) (-)

Ion 130.00 (129.70 to 130.70): BM016374.D (-730) (-)

Ion 64.00 (63.70 to 64.70): BM016374.D (-730) (-)





#9

Benzaldehyde

Concen: 40.322 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

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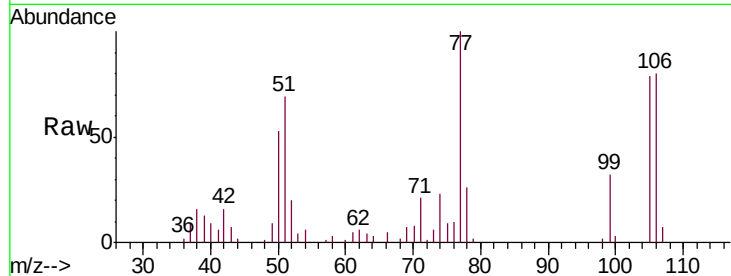
Tgt Ion: 77 Resp: 51015

Ion Ratio Lower Upper

77 100

105 78.9 78.8 118.8

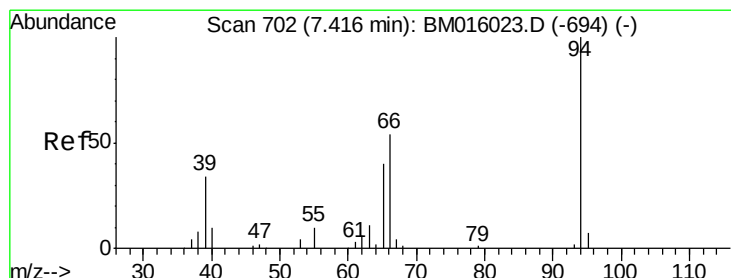
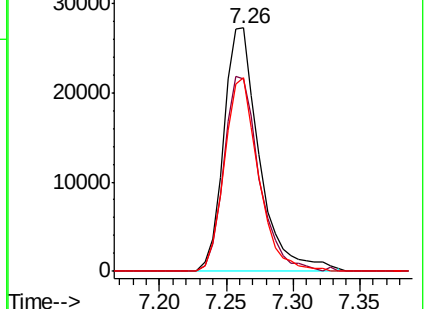
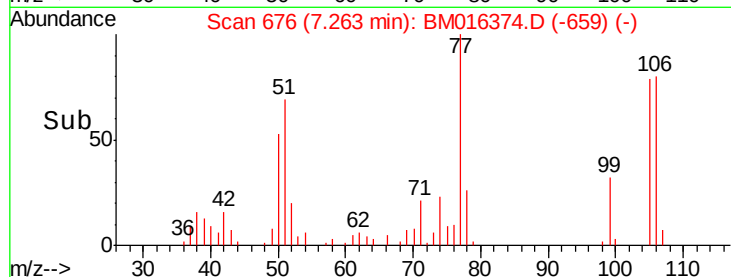
106 79.7 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016374.D (-659) (-)

Ion 105.00 (104.70 to 105.70): BM016374.D (-659) (-)

Ion 106.00 (105.70 to 106.70): BM016374.D (-659) (-)



#10

Phenol

Concen: 38.274 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

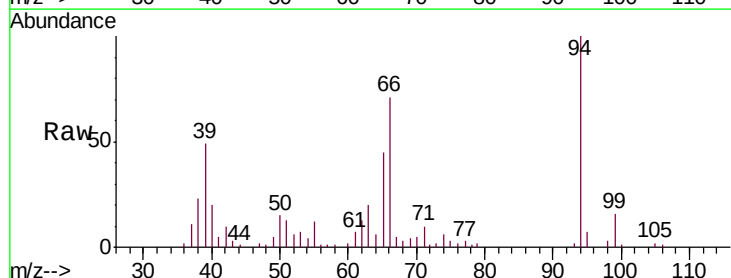
Tgt Ion: 94 Resp: 68918

Ion Ratio Lower Upper

94 100

65 45.5 18.8 58.8

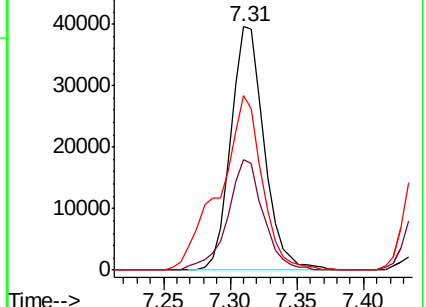
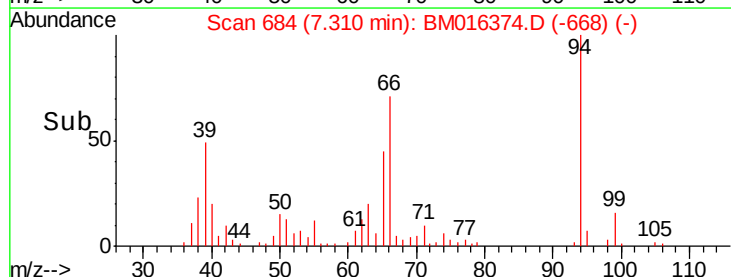
66 71.4 39.9 79.9

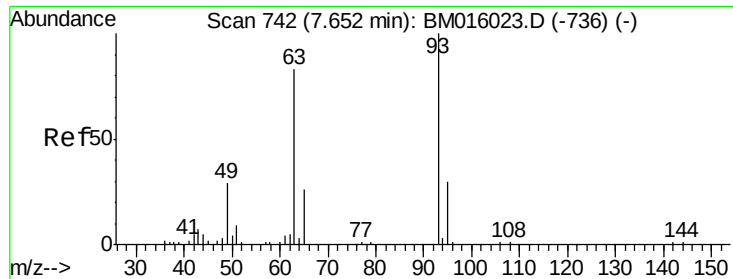


Abundance Ion 94.00 (93.70 to 94.70): BM016374.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM016374.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM016374.D (-668) (-)

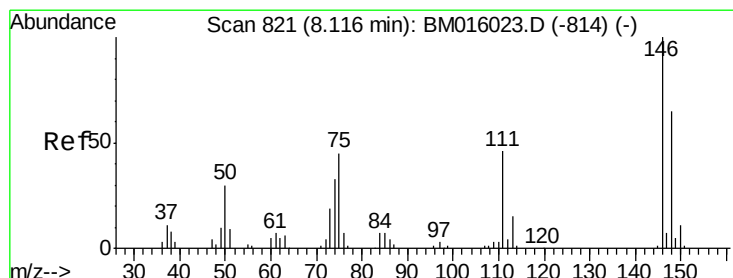
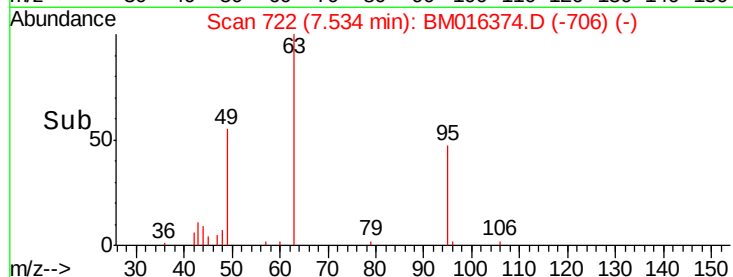
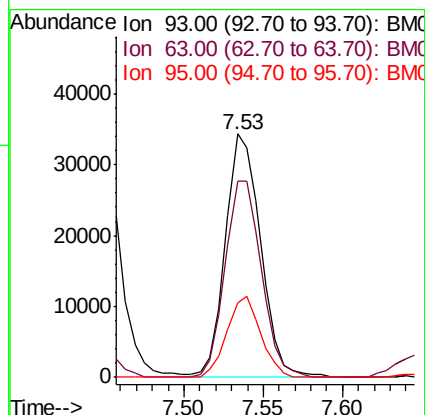
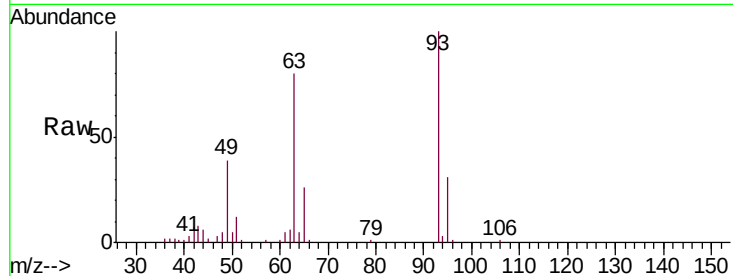




#11
 bis(2-Chloroethyl)ether
 Concen: 37.209 ng
 RT: 7.53 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

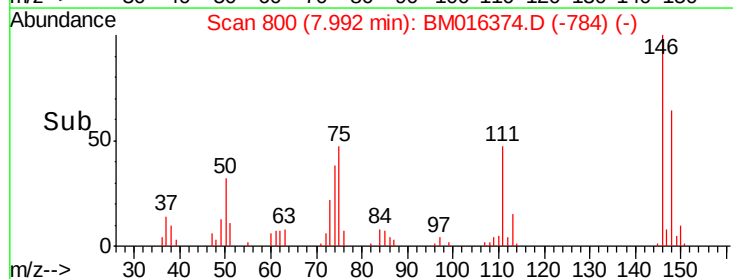
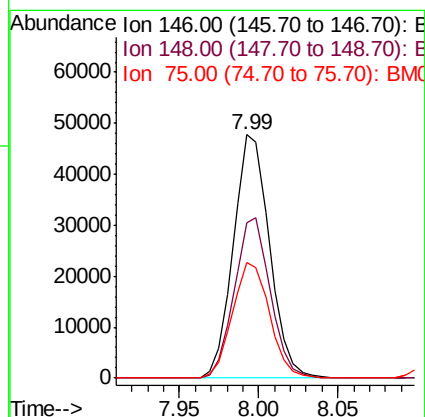
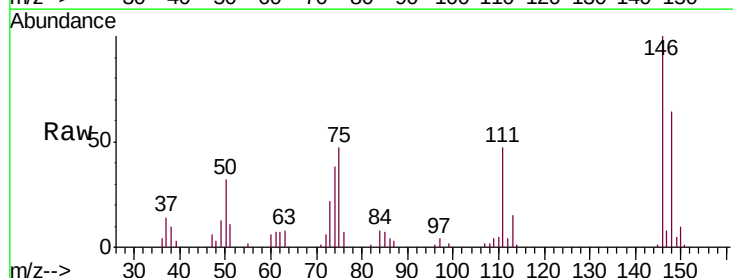
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

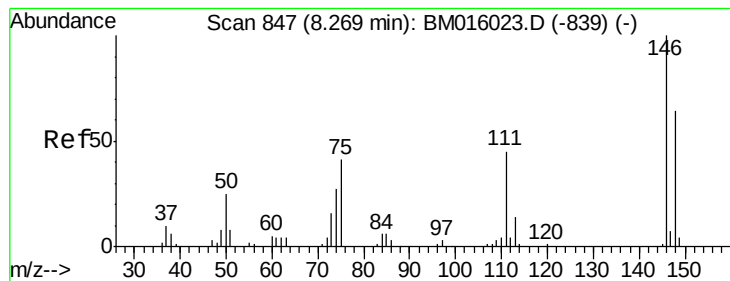
Tgt Ion:	93	Resp:	52929
Ion	Ratio	Lower	Upper
93	100		
63	80.4	49.5	89.5
95	30.6	13.5	53.5



#12
 1,3-Dichlorobenzene
 Concen: 39.399 ng
 RT: 7.99 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

Tgt Ion:	146	Resp:	75578
Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.9	76.3
75	47.4	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 39.456 ng

RT: 8.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

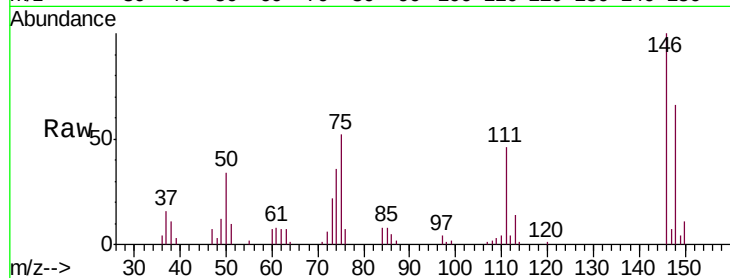
Tgt Ion:146 Resp: 76762

Ion Ratio Lower Upper

146 100

148 66.4 51.9 77.9

111 46.4 29.2 43.8#

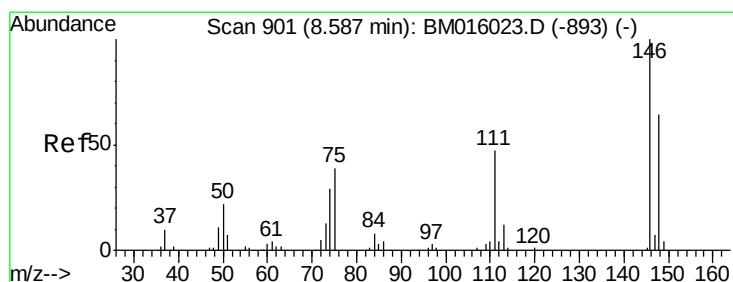
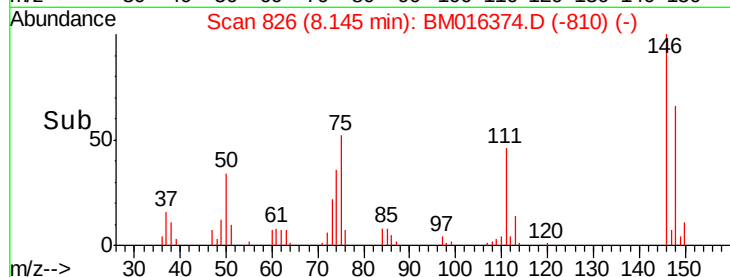
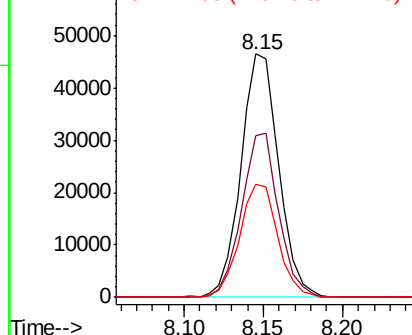


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.768 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

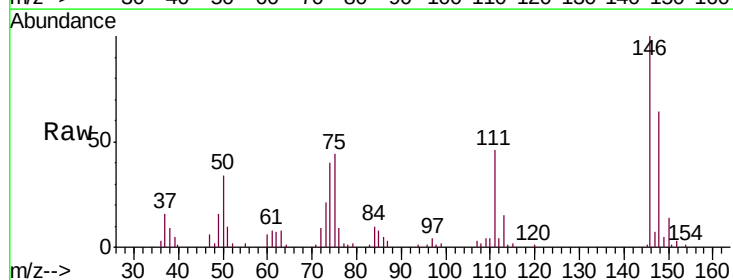
Tgt Ion:146 Resp: 75703

Ion Ratio Lower Upper

146 100

148 63.8 52.3 78.5

111 46.3 30.6 45.8#

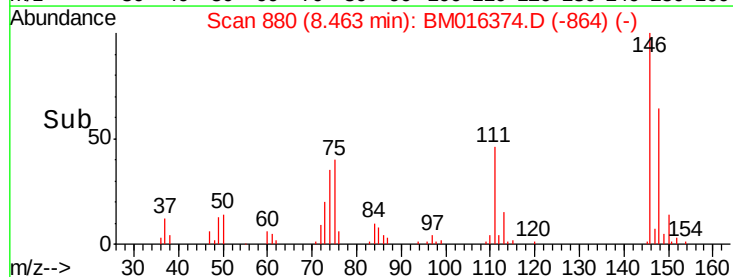
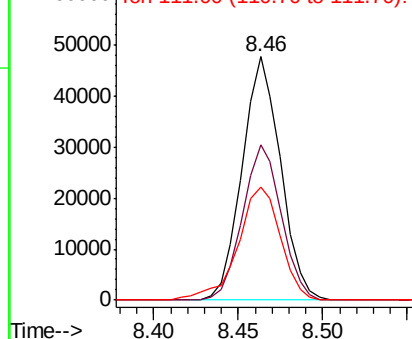


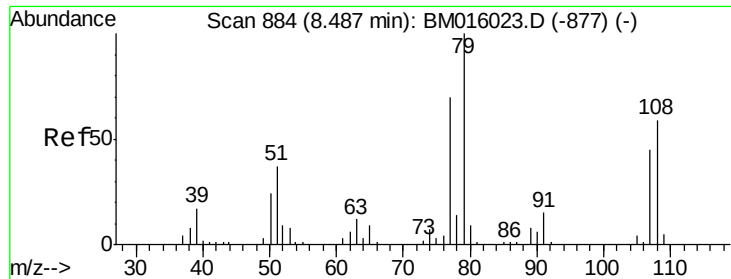
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

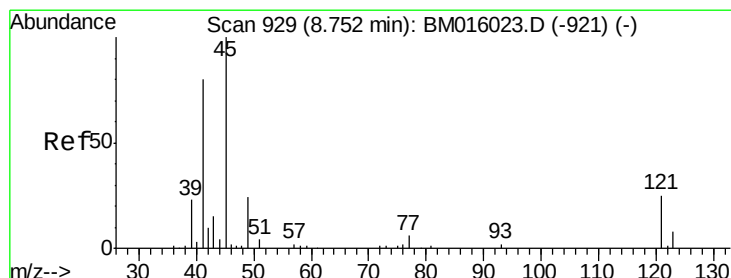
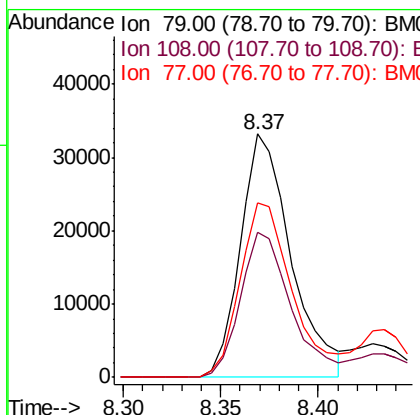
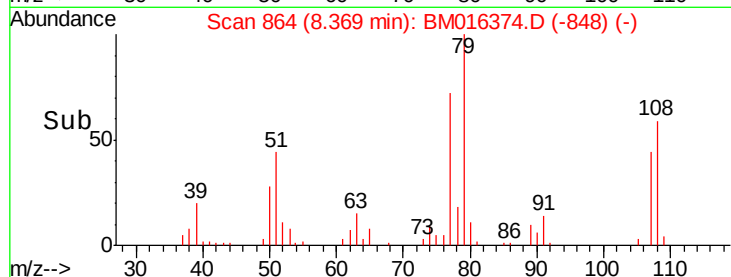
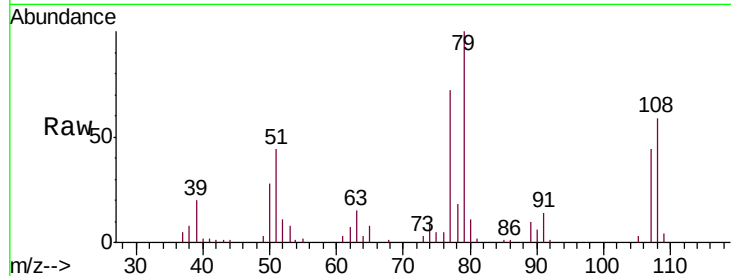




#15
Benzyl Alcohol
Concen: 41.595 ng
RT: 8.37 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

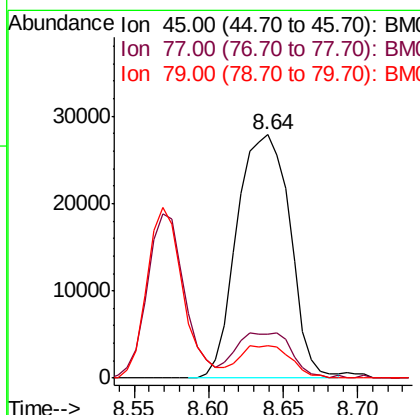
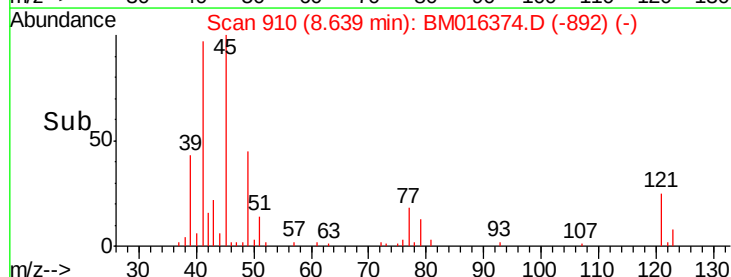
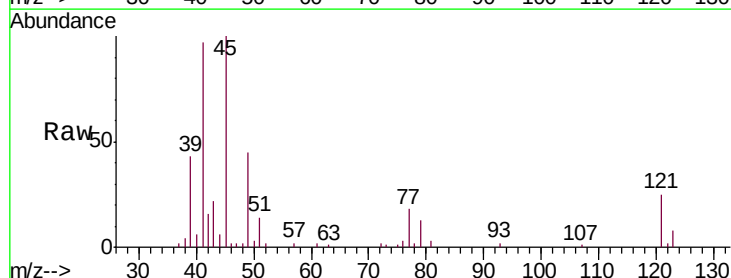
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

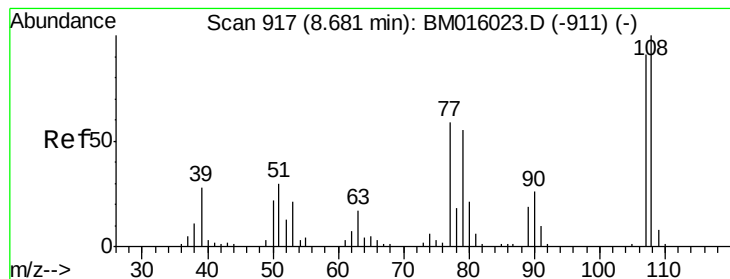
Tgt Ion: 79 Resp: 59641
Ion Ratio Lower Upper
79 100
108 59.4 65.0 97.4#
77 71.5 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.683 ng
RT: 8.64 min Scan# 910
Delta R.T. 0.01 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

Tgt Ion: 45 Resp: 68977
Ion Ratio Lower Upper
45 100
77 18.2 0.0 35.2
79 13.1 0.0 32.0





#17

2-Methylphenol

Concen: 39.048 ng

RT: 8.57 min Scan# 898

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 48058

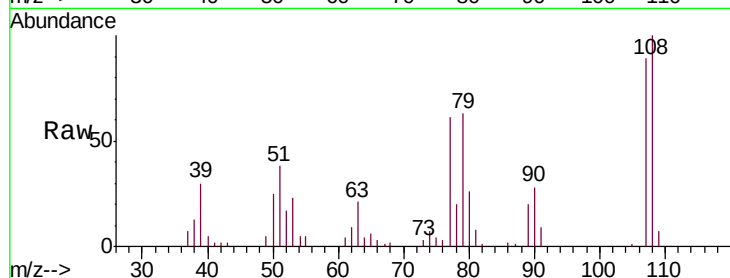
Ion Ratio Lower Upper

107 100

108 112.2 89.8 134.8

77 68.4 32.6 48.8#

79 71.2 32.8 49.2#



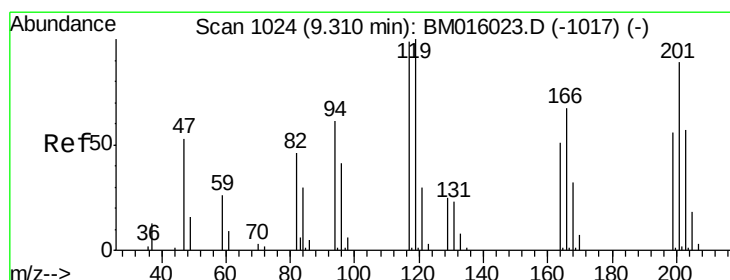
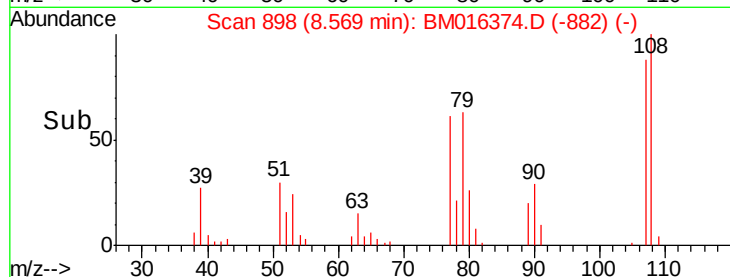
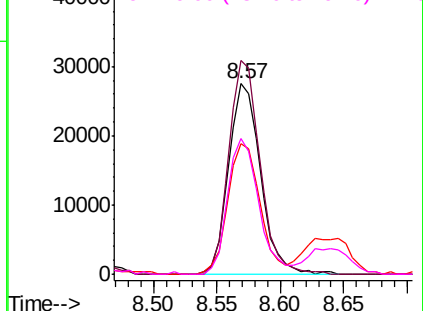
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 44.262 ng

RT: 9.18 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

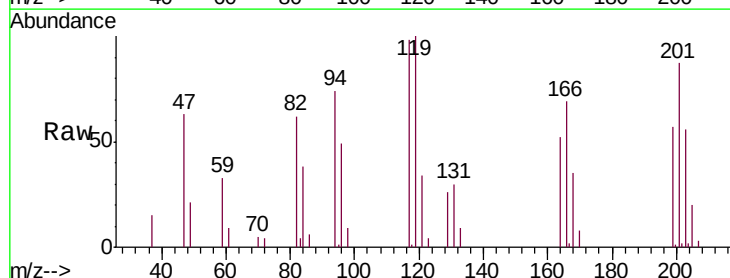
Tgt Ion:117 Resp: 37223

Ion Ratio Lower Upper

117 100

119 101.9 79.2 118.8

201 88.7 69.8 104.6

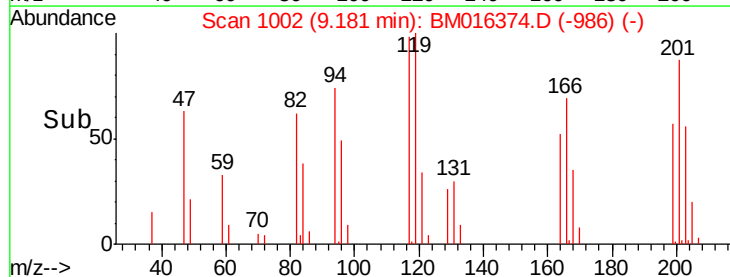
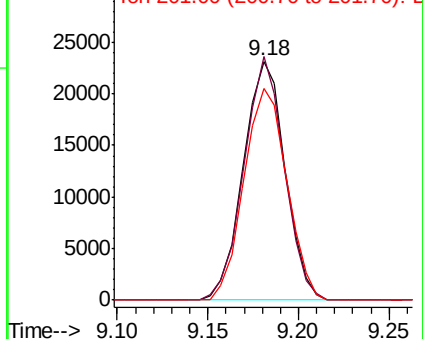


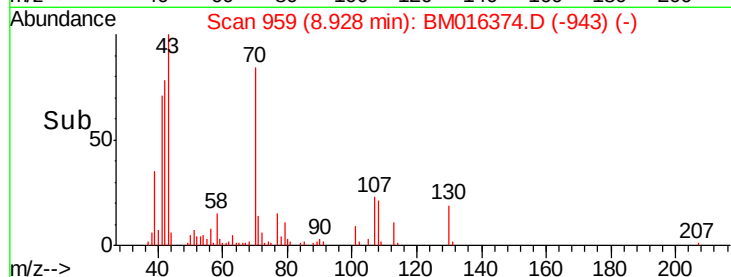
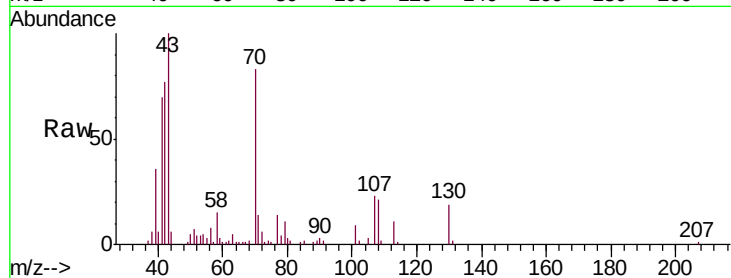
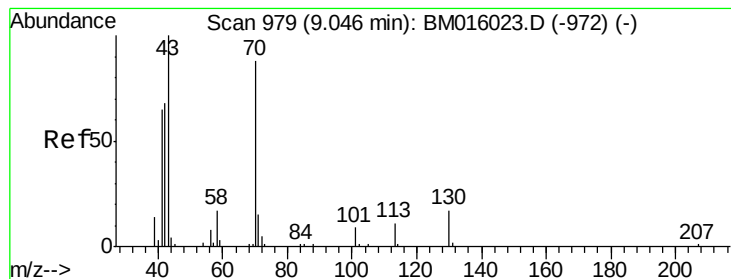
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.896 ng

RT: 8.93 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 49878

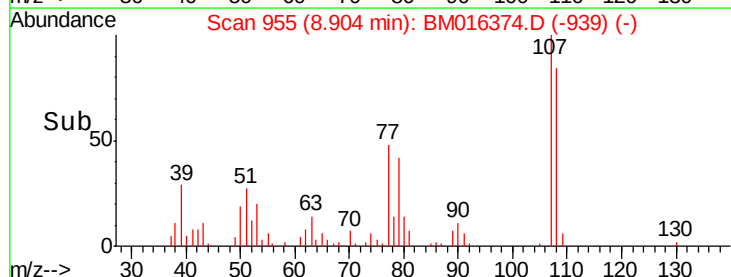
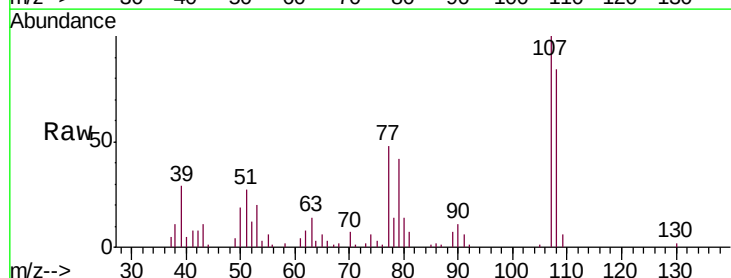
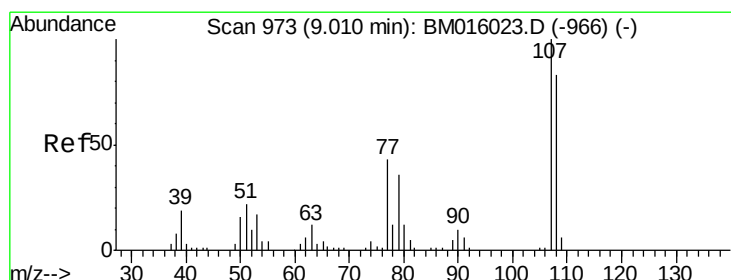
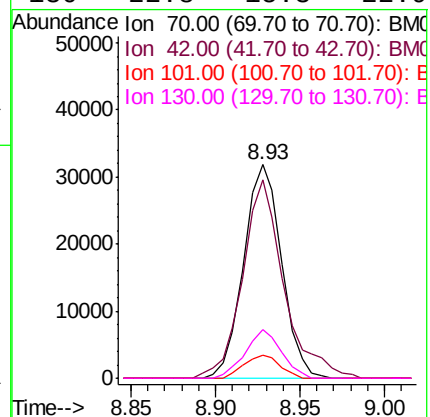
Ion Ratio Lower Upper

70 100

42 92.7 44.5 66.7#

101 10.7 7.4 11.2

130 22.8 15.3 22.9



#20

3+4-Methylphenols

Concen: 37.483 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Tgt Ion: 107 Resp: 66372

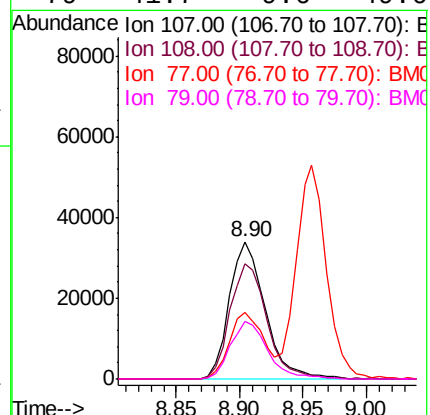
Ion Ratio Lower Upper

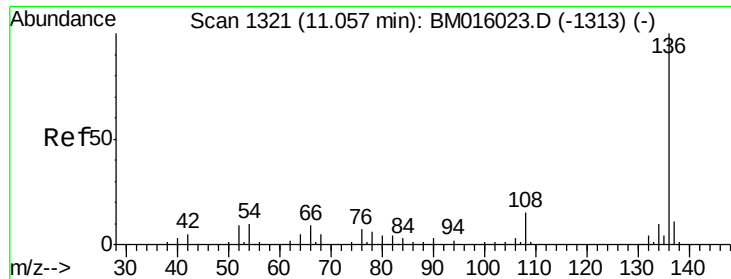
107 100

108 83.6 73.2 113.2

77 48.0 10.7 50.7

79 41.7 9.6 49.6

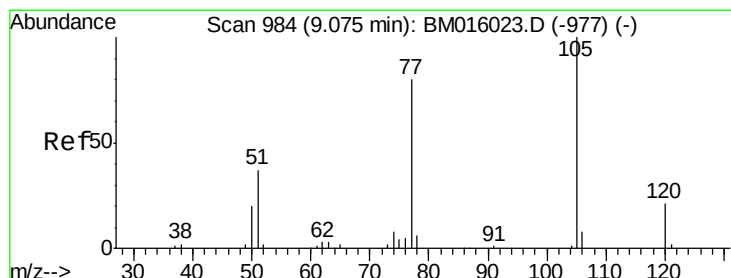
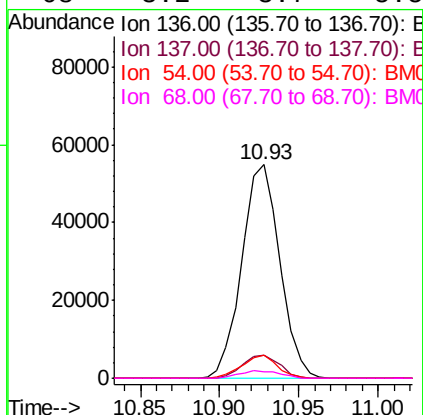
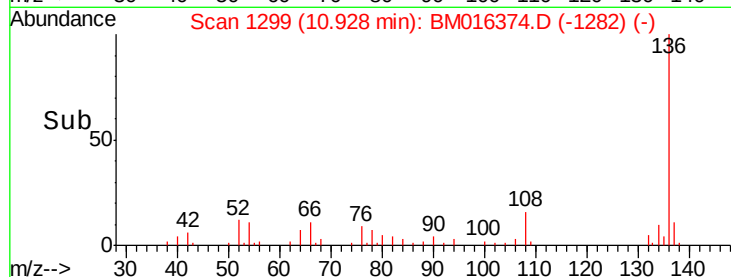
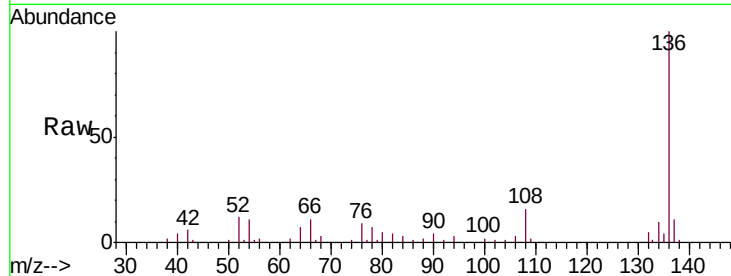




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

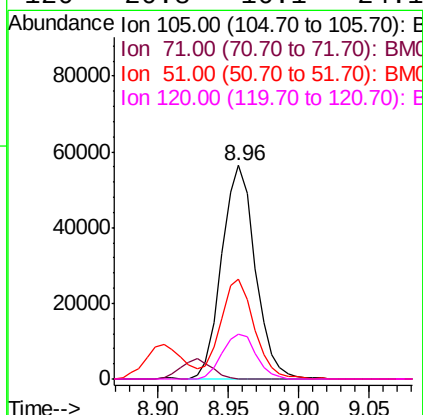
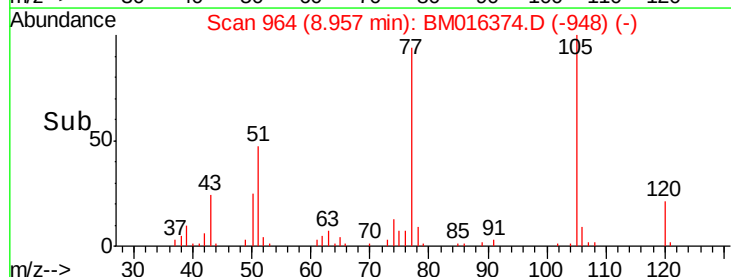
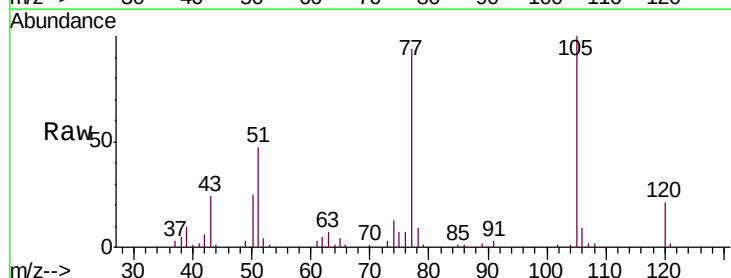
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

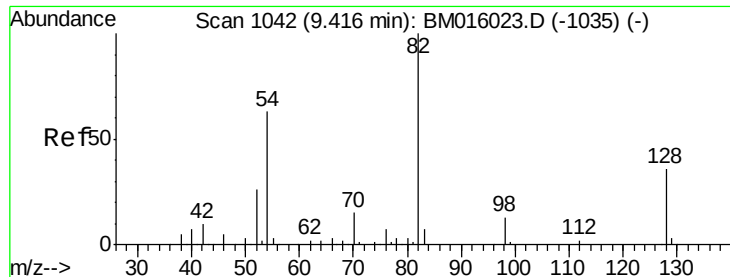
Tgt Ion:	136	Resp:	91703
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	11.0	4.6	6.8#
68	3.2	3.7	5.5#



#22
Acetophenone
Concen: 40.472 ng
RT: 8.96 min Scan# 964
Delta R.T. -0.01 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

Tgt Ion:	105	Resp:	93453
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	46.9	21.6	32.4#
120	20.8	16.1	24.1

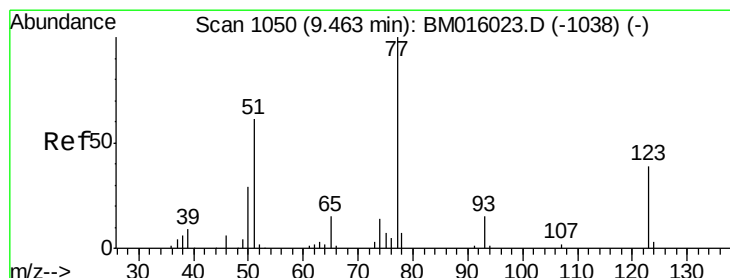
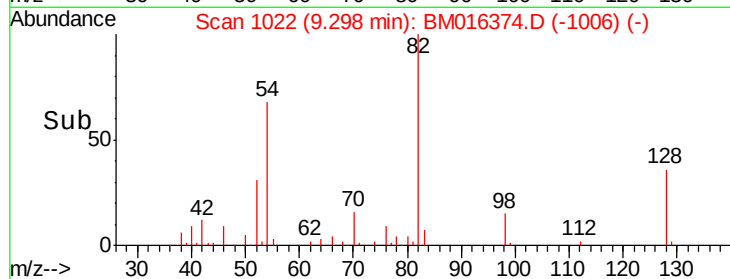
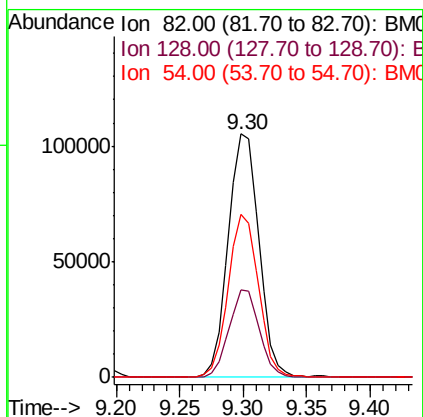
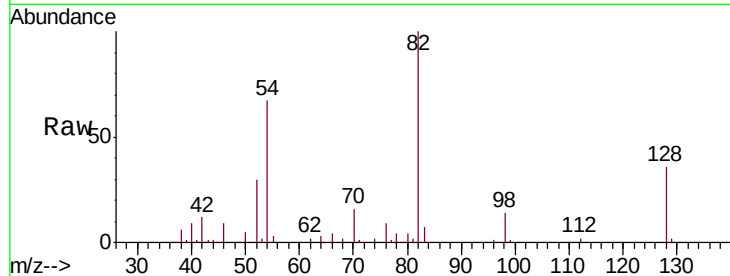




#23
Nitrobenzene-d5
Concen: 40.472 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

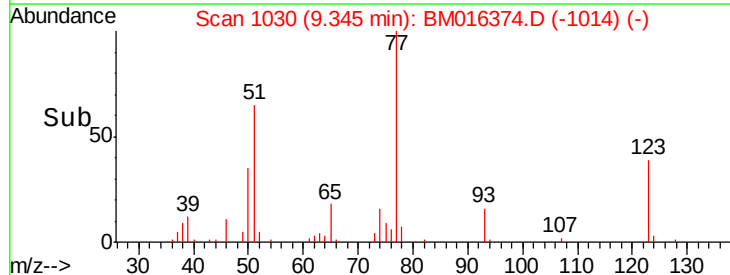
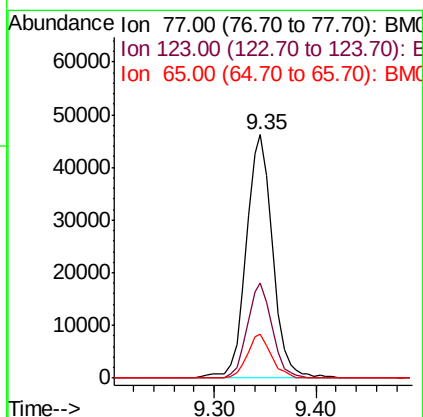
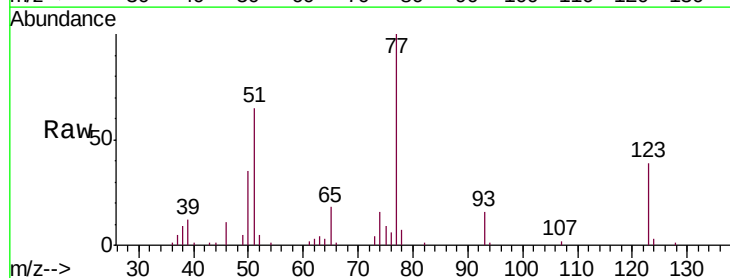
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

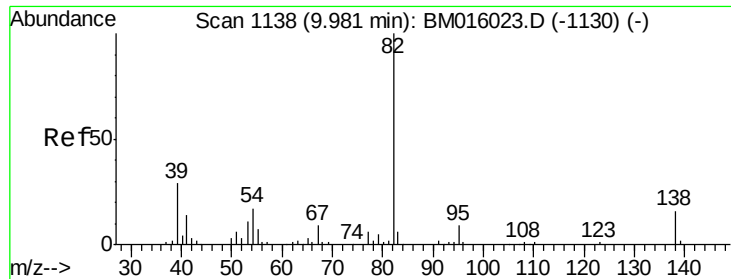
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	32.8	49.2
54	66.9	40.6	60.8#



#24
Nitrobenzene
Concen: 41.866 ng
RT: 9.35 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.0	32.6	49.0
65	17.9	10.9	16.3#

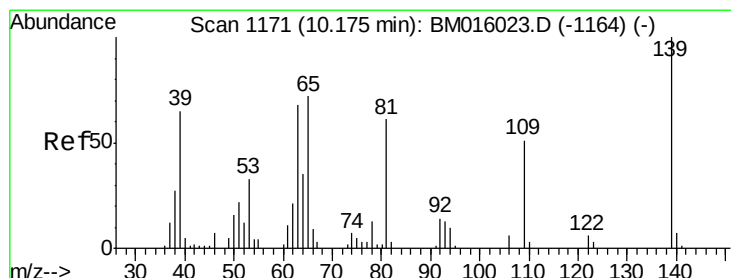
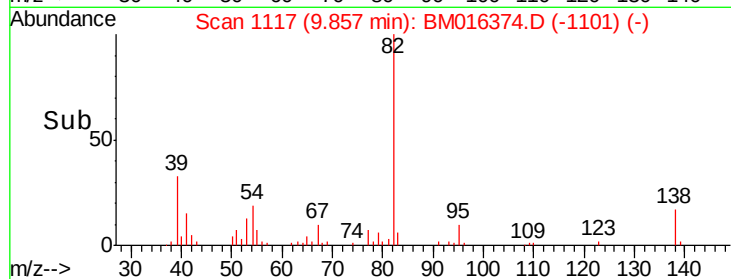
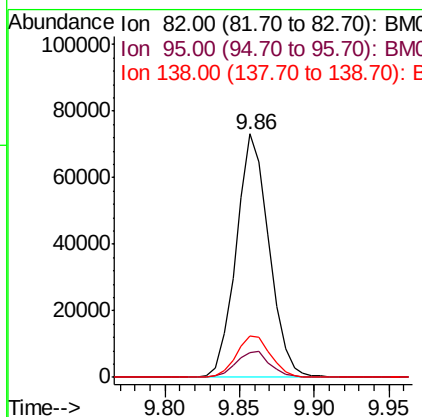
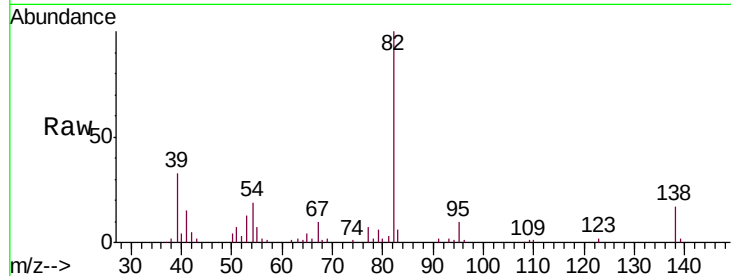




#25
Isophorone
Concen: 41.404 ng
RT: 9.86 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

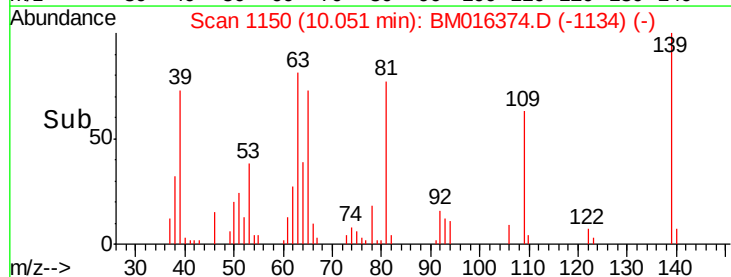
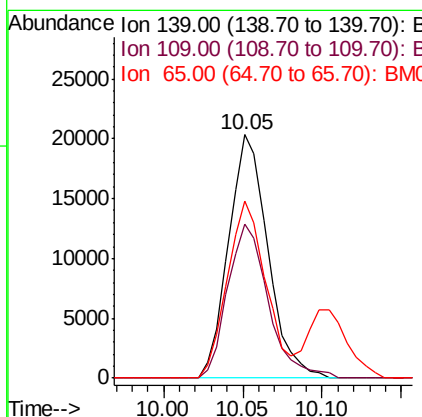
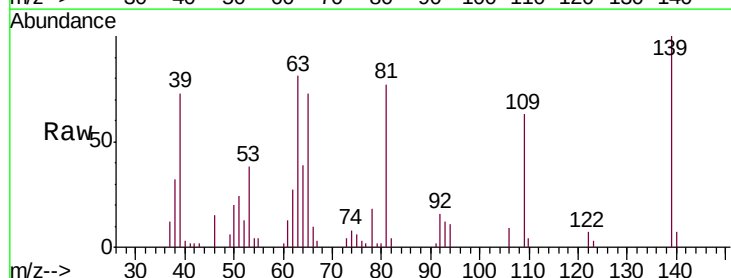
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

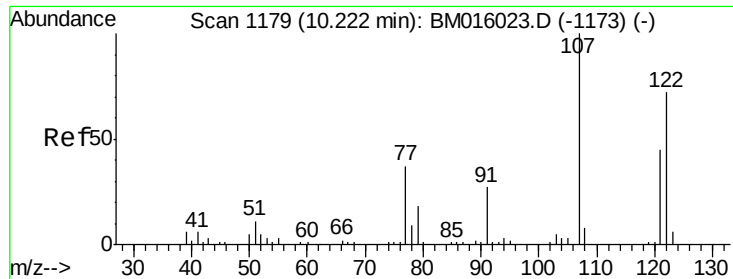
Tgt Ion: 82 Resp: 111662
Ion Ratio Lower Upper
82 100
95 10.4 5.8 8.6#
138 16.9 16.3 24.5



#26
2-Nitrophenol
Concen: 42.260 ng
RT: 10.05 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

Tgt Ion: 139 Resp: 35011
Ion Ratio Lower Upper
139 100
109 63.2 20.1 30.1#
65 72.7 31.5 47.3#

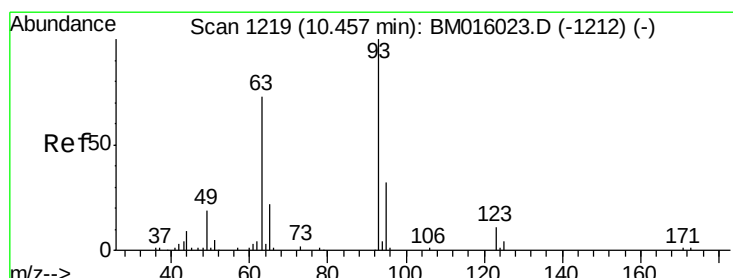
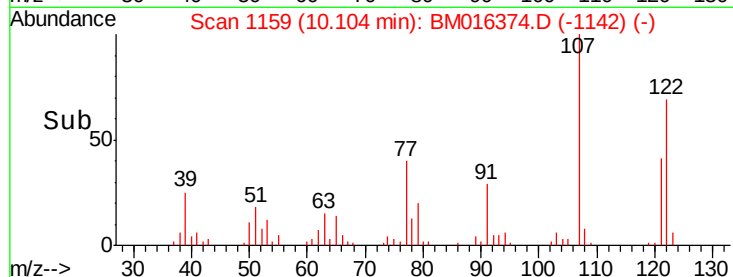
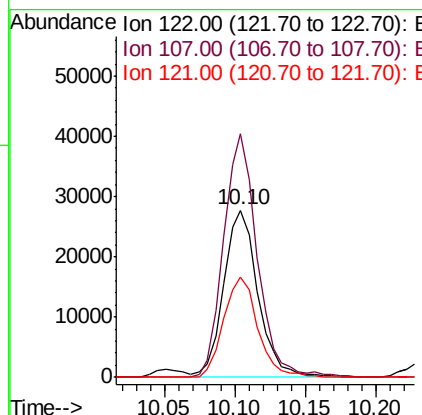
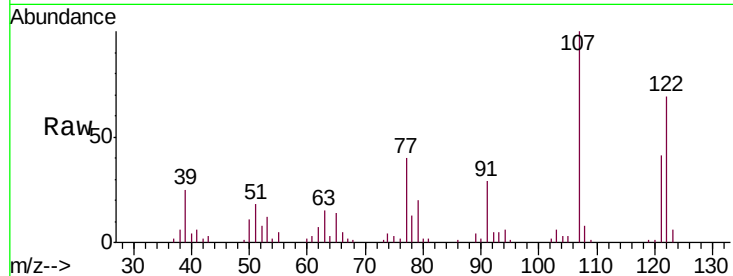




#27
 2,4-Dimethylphenol
 Concen: 40.790 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

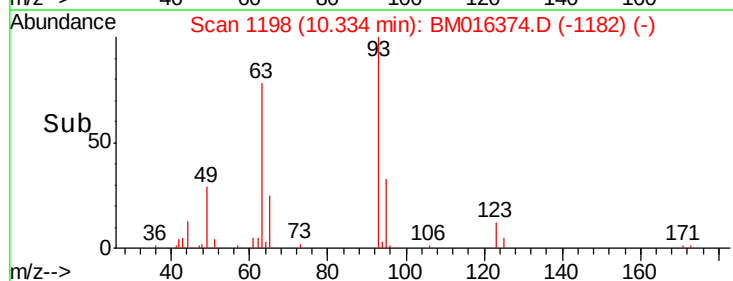
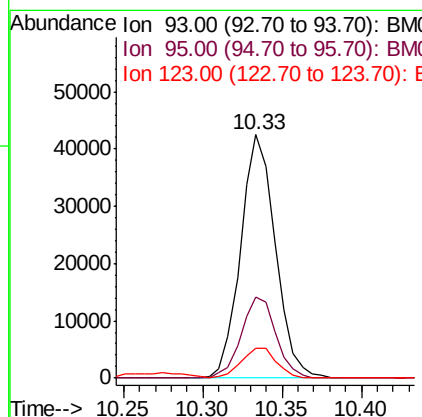
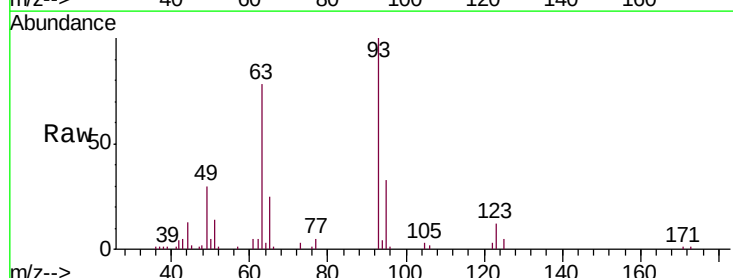
Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

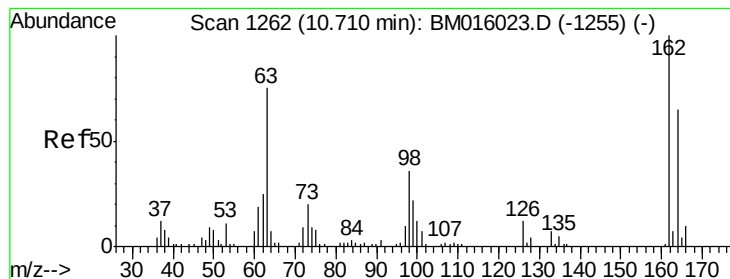
Tgt Ion:122 Resp: 47080
 Ion Ratio Lower Upper
 122 100
 107 145.8 84.7 127.1#
 121 60.3 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.859 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

Tgt Ion: 93 Resp: 64609
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.5 38.3
 123 12.1 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 43.507 ng

RT: 10.59 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

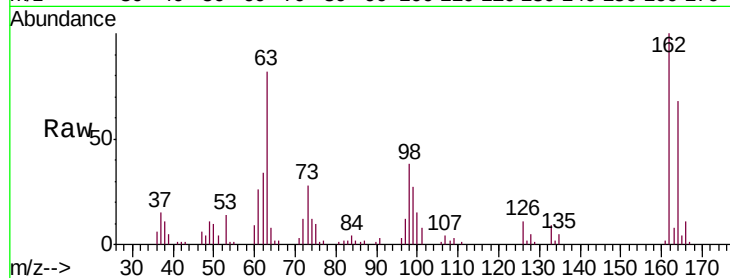
Tgt Ion:162 Resp: 59671

Ion Ratio Lower Upper

162 100

164 67.7 42.8 82.8

98 38.0 14.5 54.5

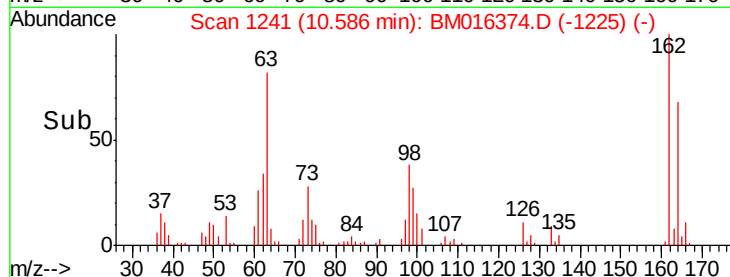


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time--> 10.50 10.60



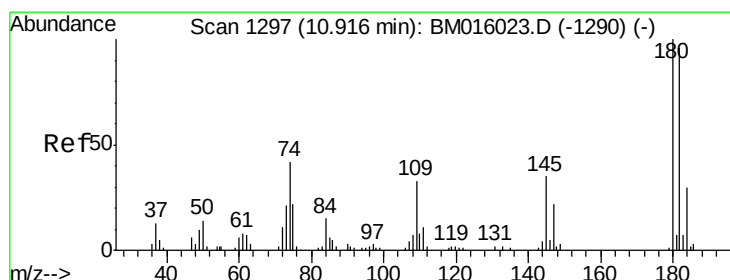
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time--> 10.50 10.60



#30

1,2,4-Trichlorobenzene

Concen: 42.572 ng

RT: 10.79 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

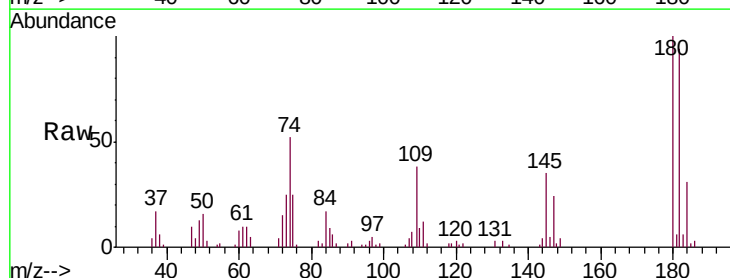
Tgt Ion:180 Resp: 70944

Ion Ratio Lower Upper

180 100

182 93.7 77.6 116.4

145 34.7 23.4 35.2

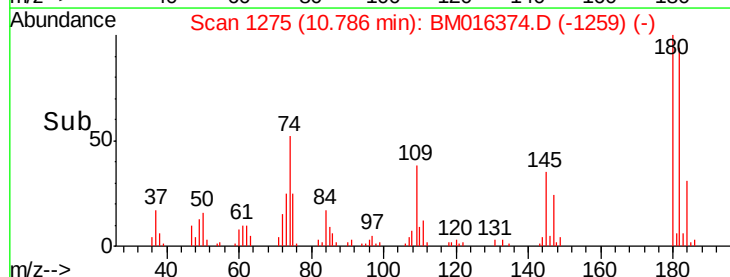


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time--> 10.70 10.75 10.80 10.85



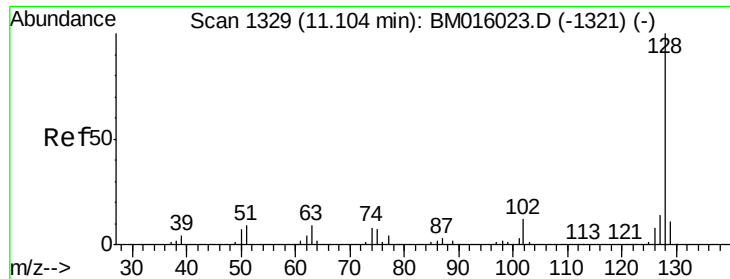
Abundance

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

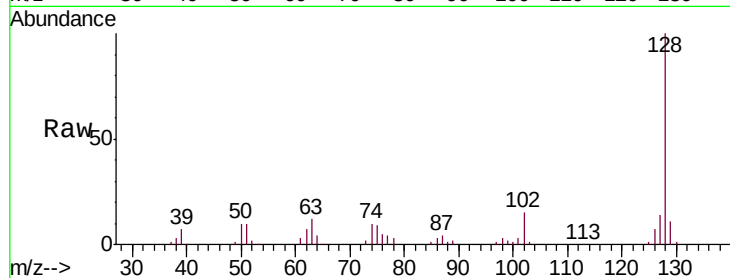
Time--> 10.70 10.75 10.80 10.85



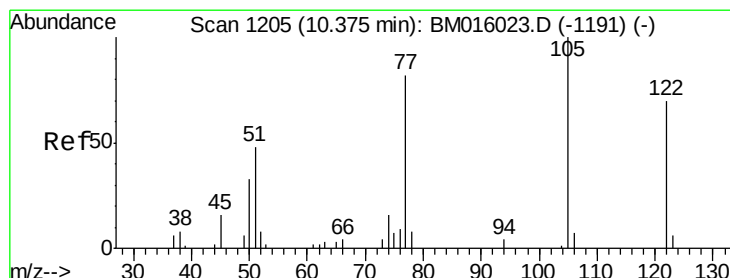
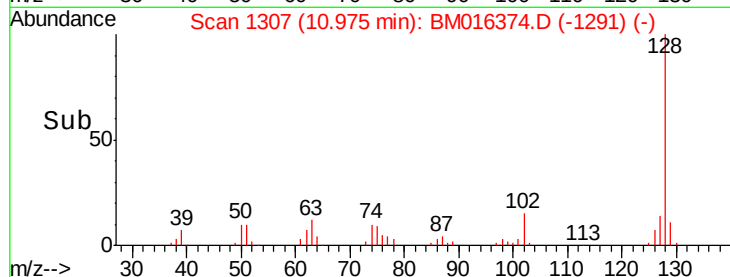
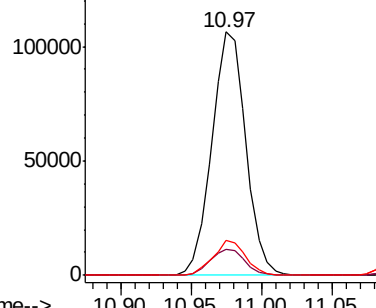
#31
Naphthalene
Concen: 38.680 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 179520
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 14.1 10.4 15.6

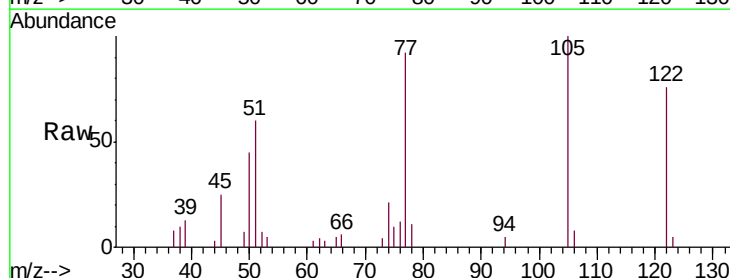


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

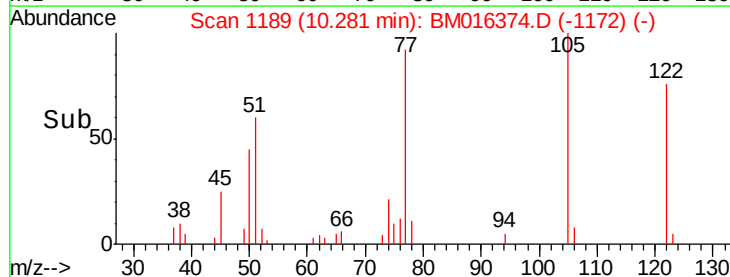
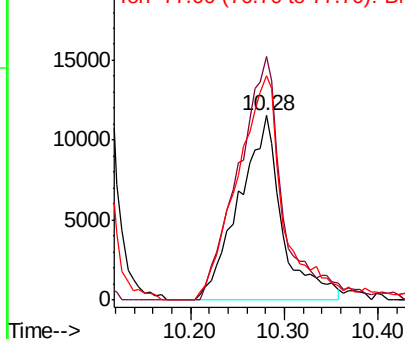


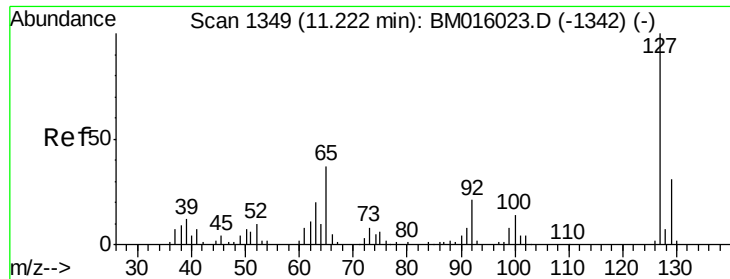
#32
Benzoic acid
Concen: 41.743 ng
RT: 10.28 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

Tgt Ion:122 Resp: 36728
Ion Ratio Lower Upper
122 100
105 132.2 99.9 139.9
77 121.9 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

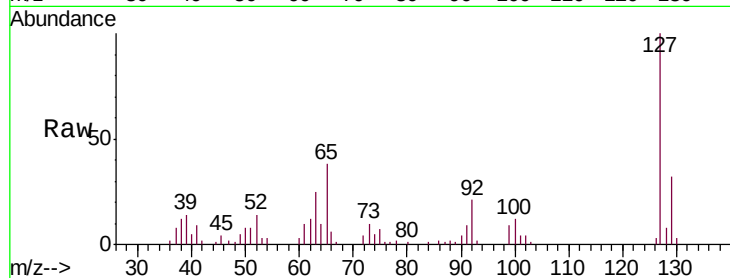




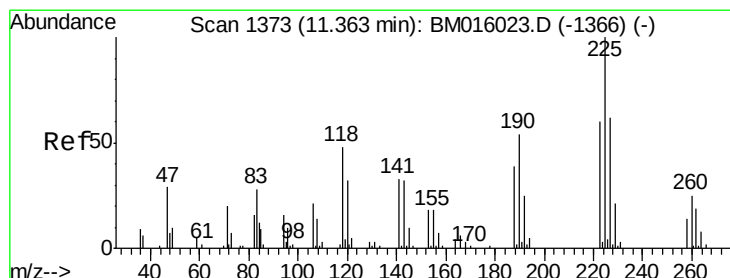
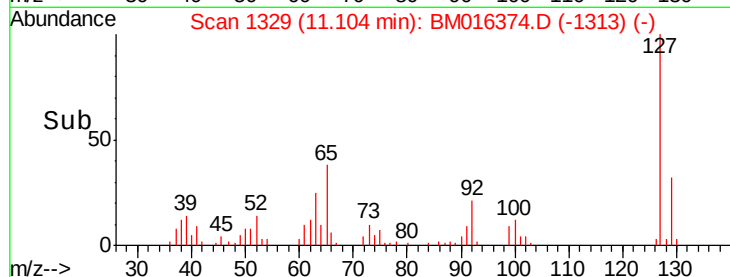
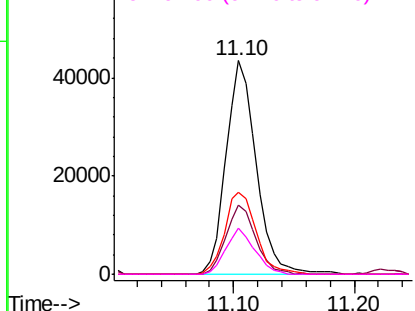
#33
4-Chloroaniline
Concen: 39.902 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	75573
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.3	37.9
65	38.4	17.6	26.4
92	21.4	13.1	19.7

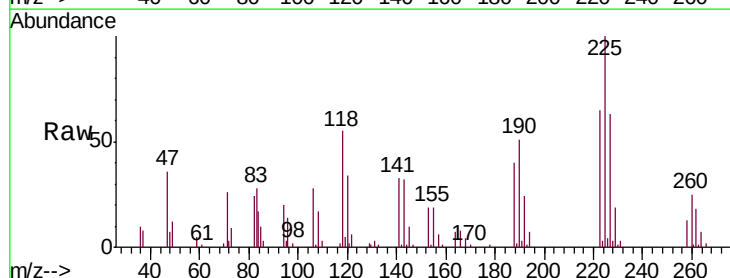


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

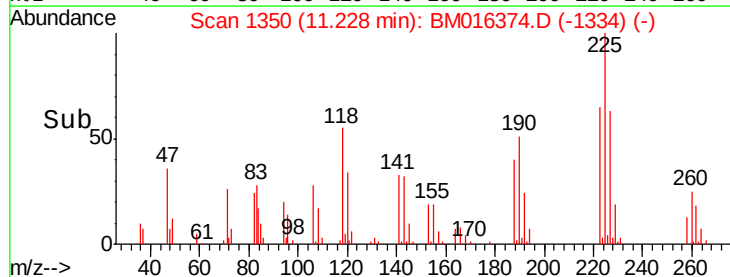
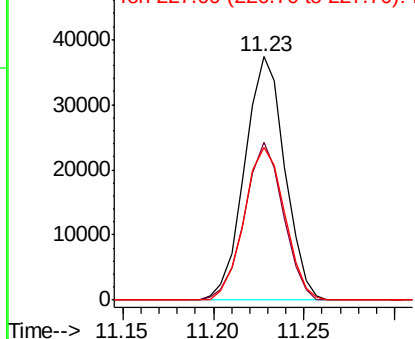


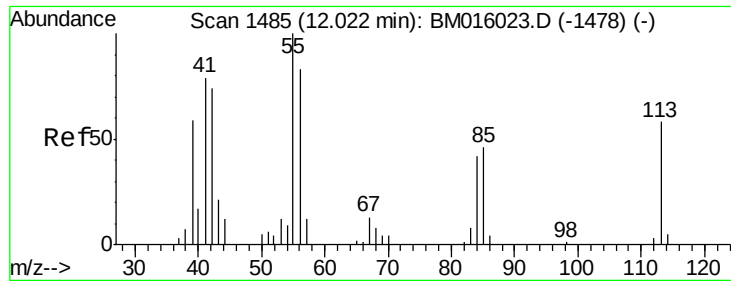
#34
Hexachlorobutadiene
Concen: 49.751 ng
RT: 11.23 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

Tgt Ion:	225	Resp:	57508
Ion	Ratio	Lower	Upper
225	100		
223	64.7	47.9	71.9
227	62.6	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

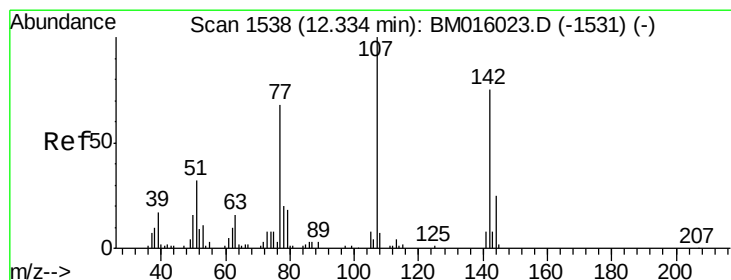
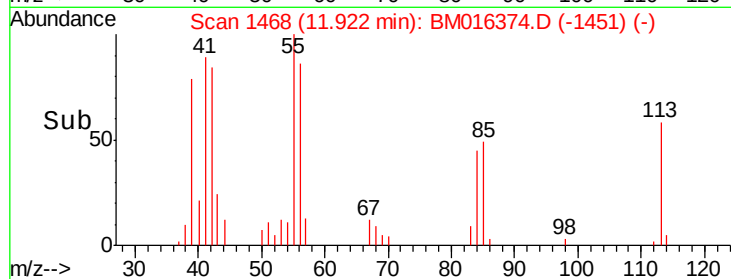
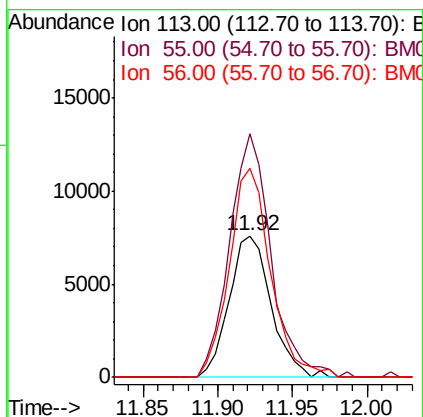
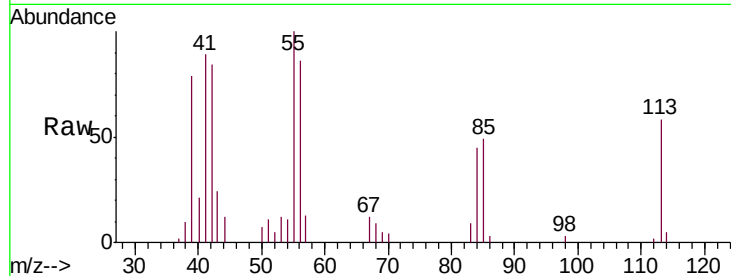




#35
 Caprolactam
 Concen: 39.140 ng
 RT: 11.92 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

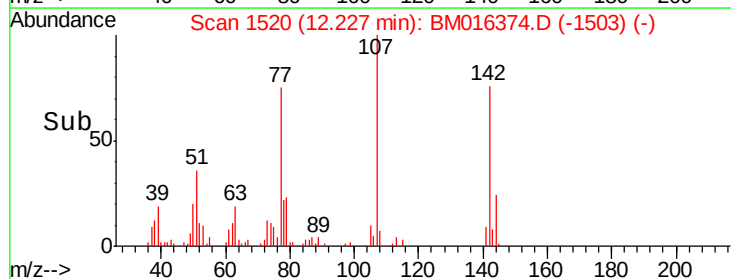
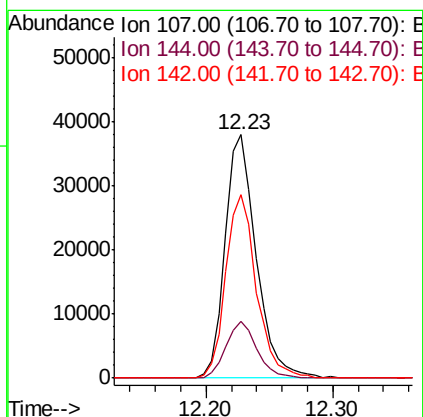
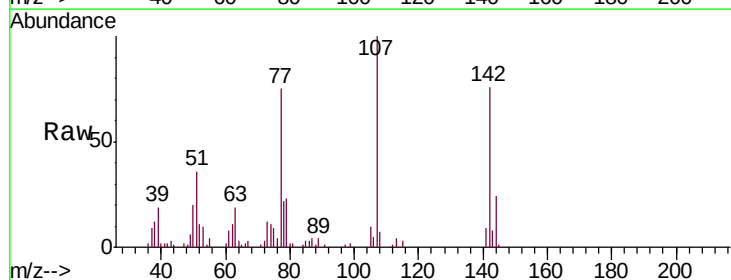
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

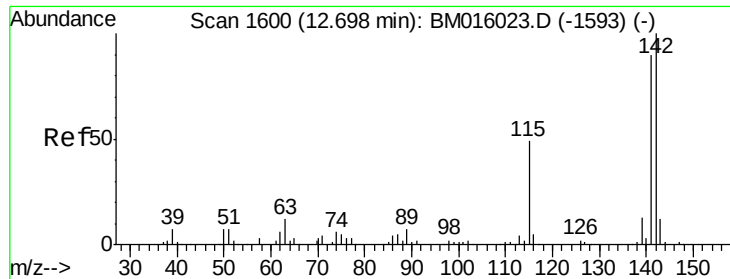
Tgt Ion:113 Resp: 14868
 Ion Ratio Lower Upper
 113 100
 55 172.3 145.9 185.9
 56 147.9 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 42.783 ng
 RT: 12.23 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

Tgt Ion:107 Resp: 64540
 Ion Ratio Lower Upper
 107 100
 144 23.6 23.3 34.9
 142 75.6 72.6 109.0

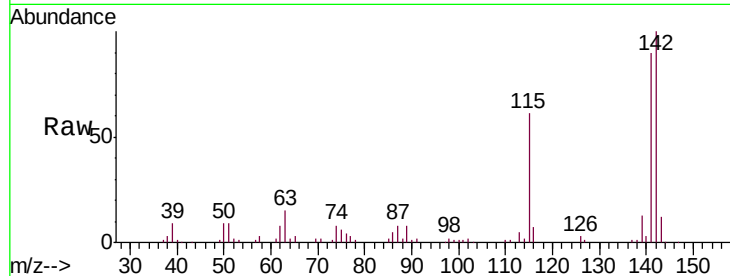




#37
 2-Methylnaphthalene
 Concen: 39.911 ng
 RT: 12.57 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
115	61.1	25.4	38.0

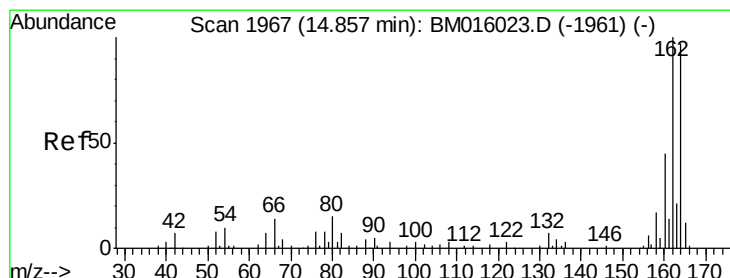
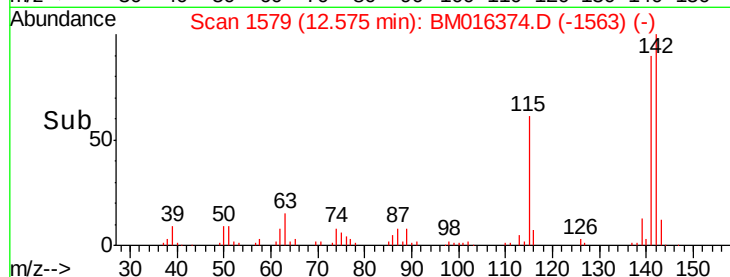
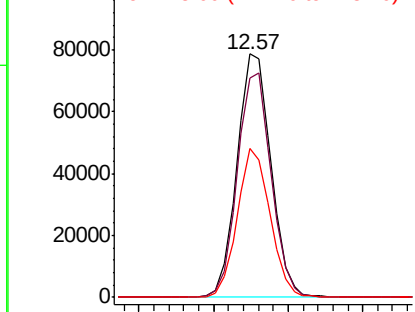


Abundance

Ion 142.00 (141.70 to 142.70): E

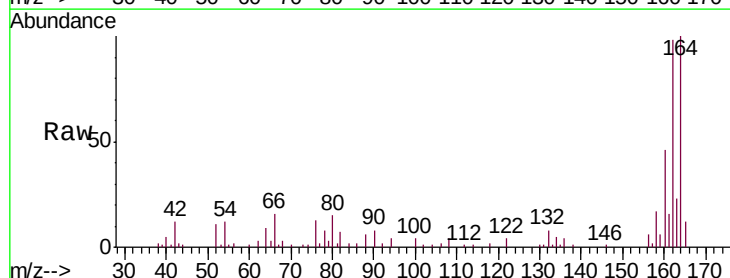
Ion 141.00 (140.70 to 141.70): E

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: BM016374.D
 Acq: 15 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.9	82.4	123.6
160	46.5	35.8	53.6

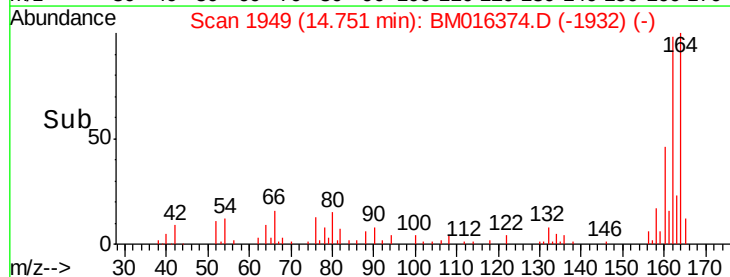
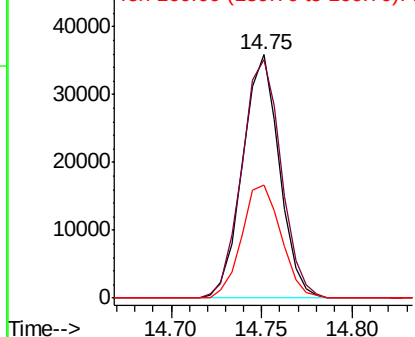


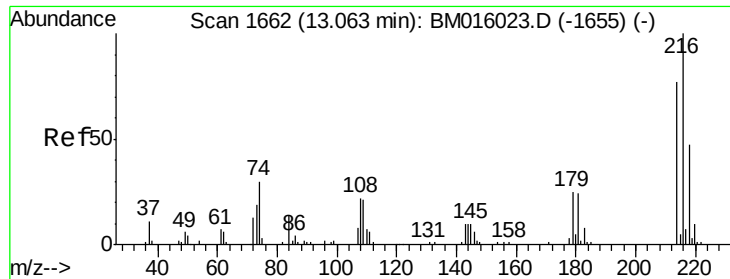
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.310 ng

RT: 12.95 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 78049

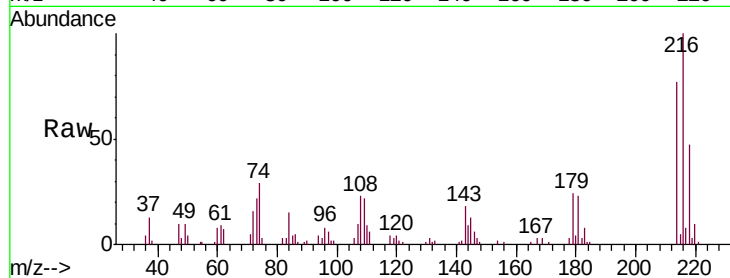
Ion Ratio Lower Upper

216 100

214 76.3 0.0 0.0#

179 24.6 0.0 0.0#

108 25.1 0.0 0.0#

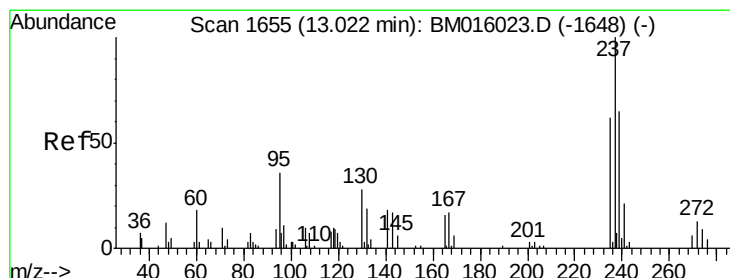
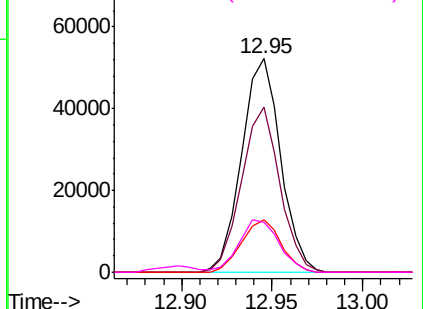
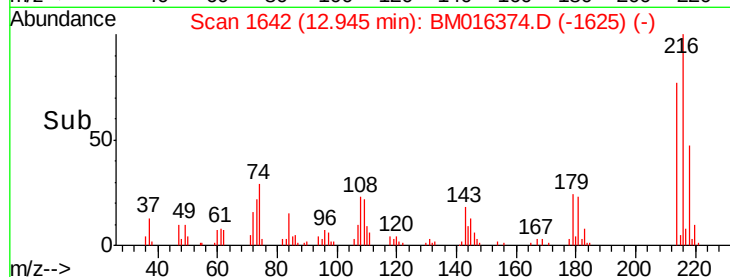


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.034 ng

RT: 12.90 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

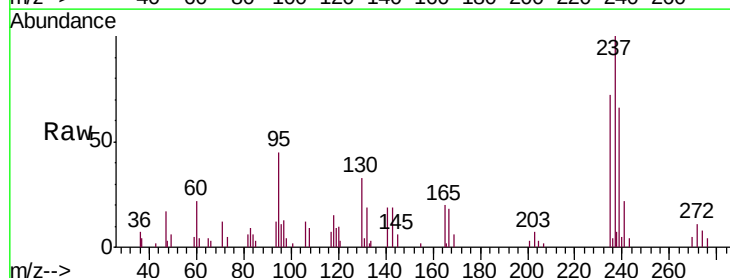
Tgt Ion:237 Resp: 28395

Ion Ratio Lower Upper

237 100

235 72.2 42.0 82.0

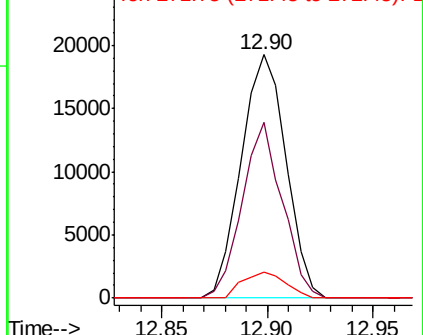
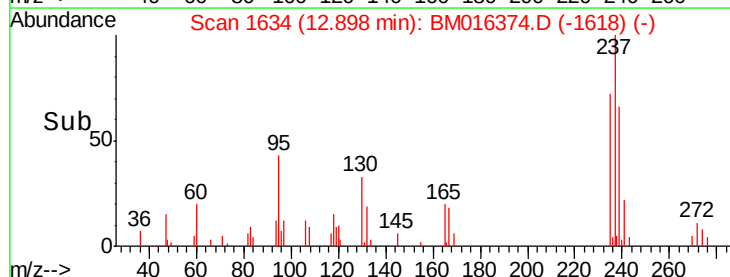
272 10.5 0.0 33.4

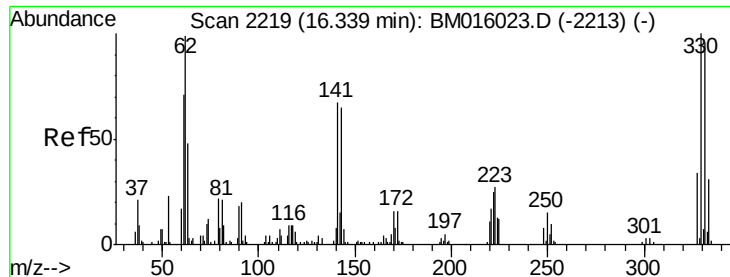


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

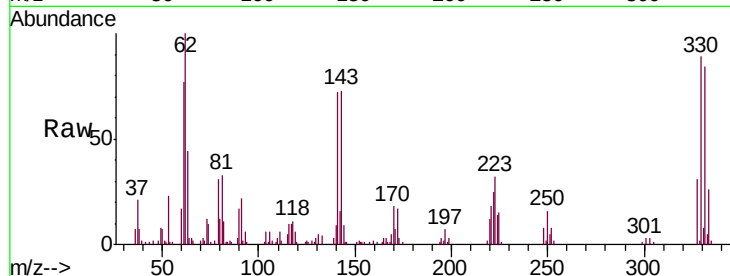




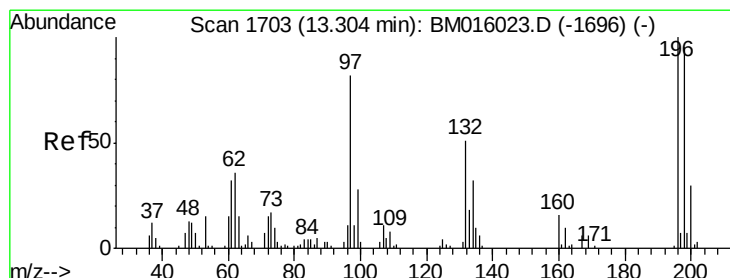
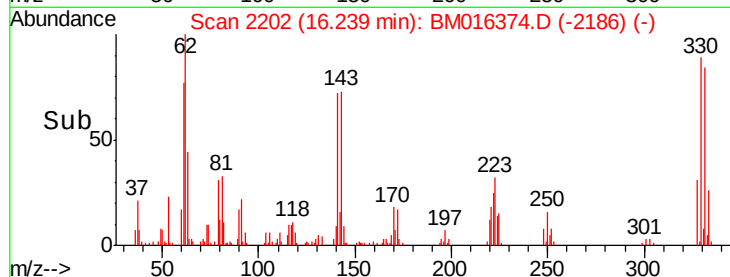
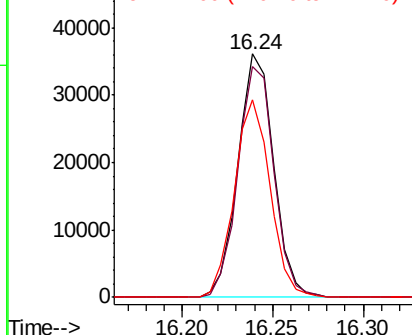
#41
 2,4,6-Tribromophenol
 Concen: 38.034 ng
 RT: 16.24 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tgt Ion:330 Resp: 49583
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 81.4 0.0 0.0#

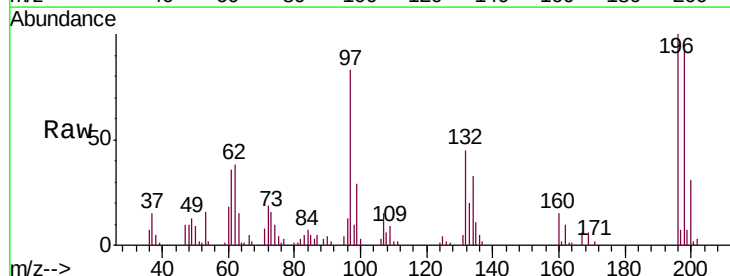


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

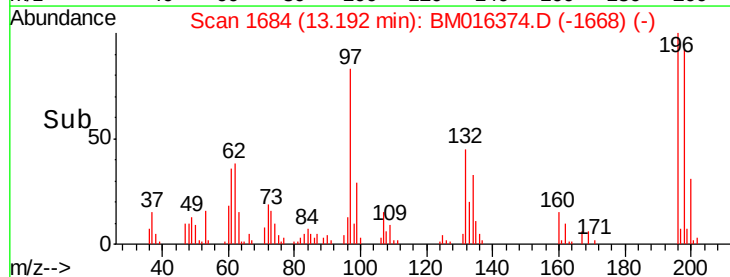
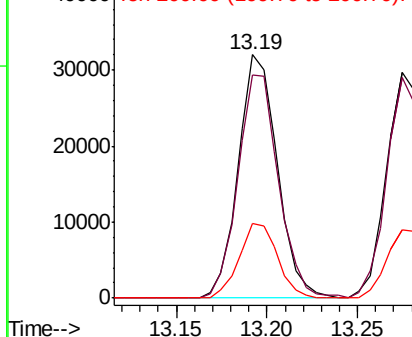


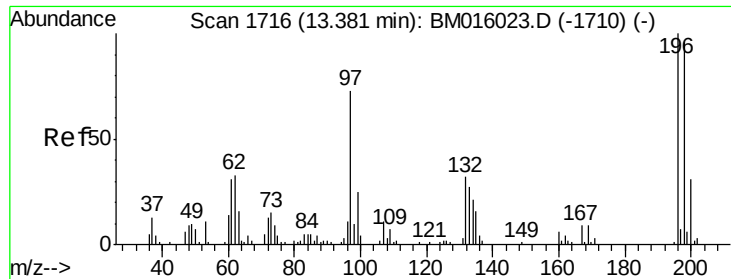
#42
 2,4,6-Trichlorophenol
 Concen: 44.547 ng
 RT: 13.19 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

Tgt Ion:196 Resp: 48010
 Ion Ratio Lower Upper
 196 100
 198 91.6 76.3 114.5
 200 30.6 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

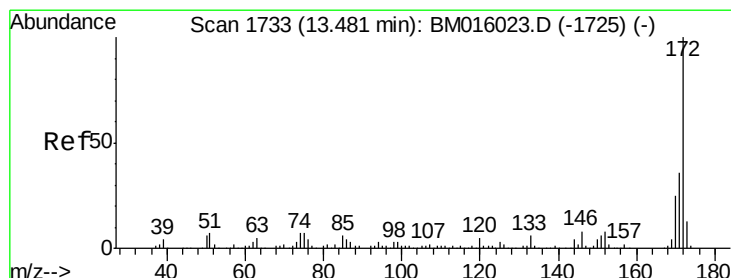
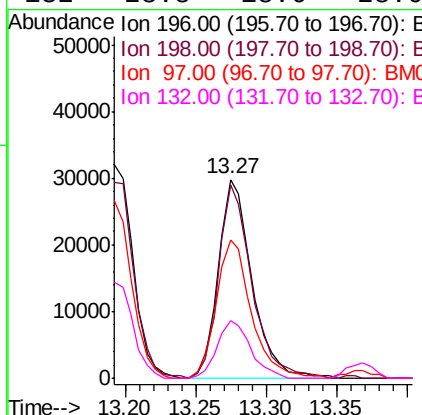
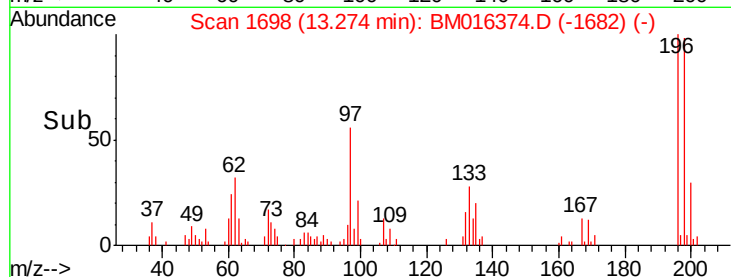
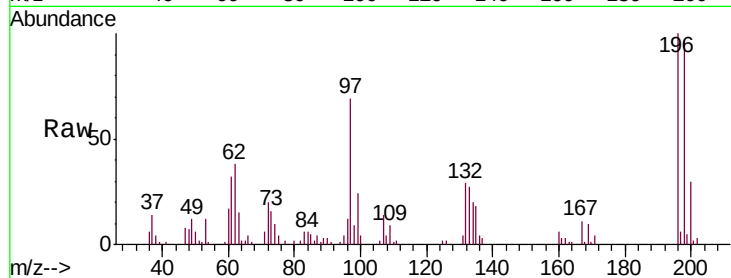




#43
 2,4,5-Trichlorophenol
 Concen: 44.552 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

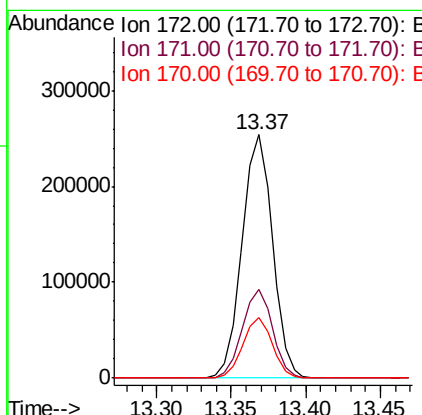
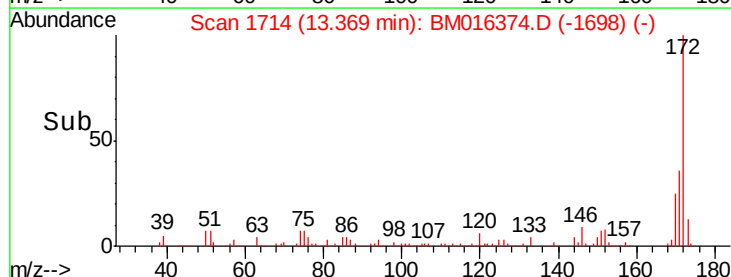
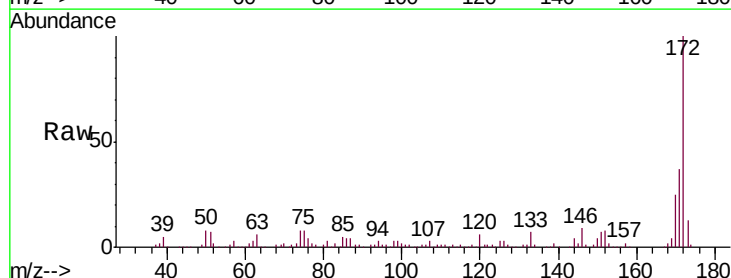
Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

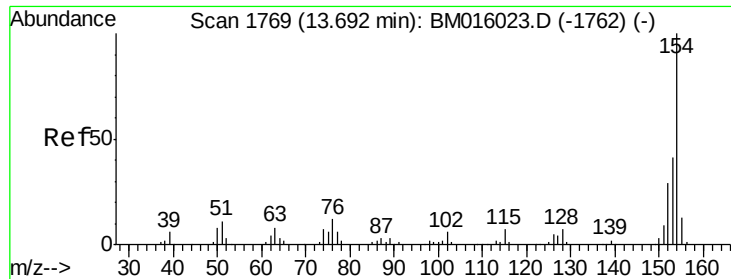
Tgt Ion:	196	Resp:	49527
Ion	Ratio	Lower	Upper
196	100		
198	97.5	79.4	119.0
97	69.5	26.8	40.2#
132	28.8	18.6	28.0#



#44
 2-Fluorobiphenyl
 Concen: 44.552 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

Tgt Ion:	172	Resp:	358961
Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	25.1	18.8	28.2

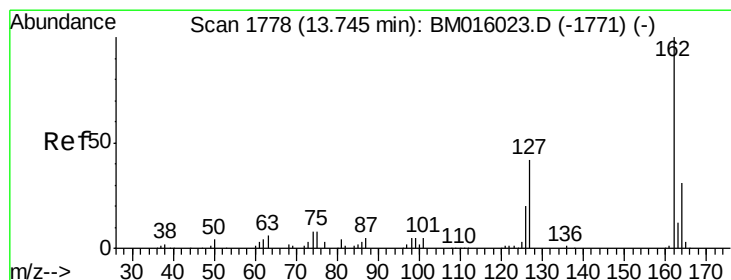
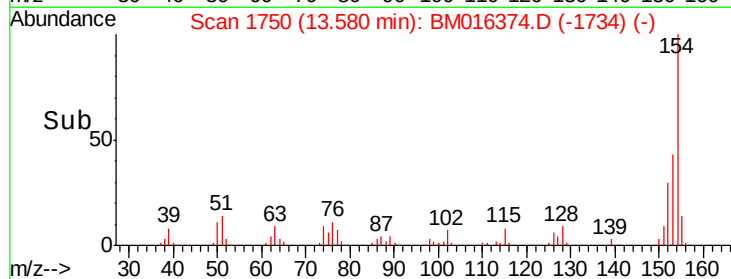
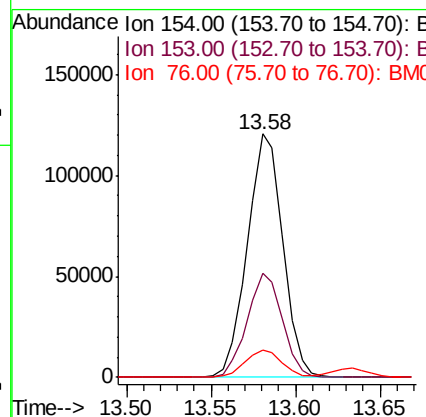
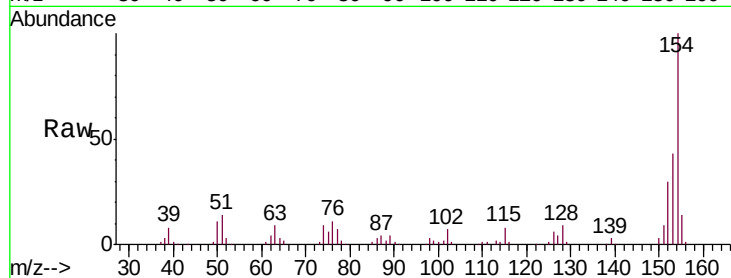




#45
 1,1'-Biphenyl
 Concen: 38.705 ng
 RT: 13.58 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

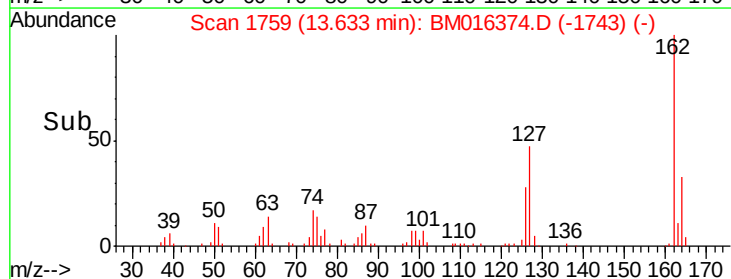
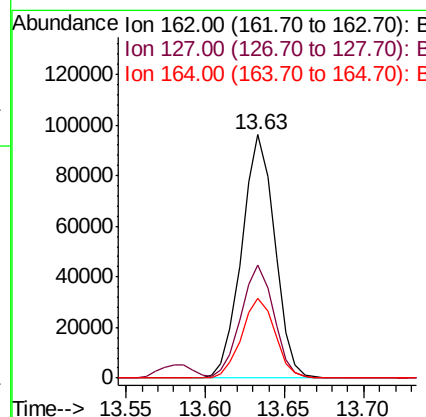
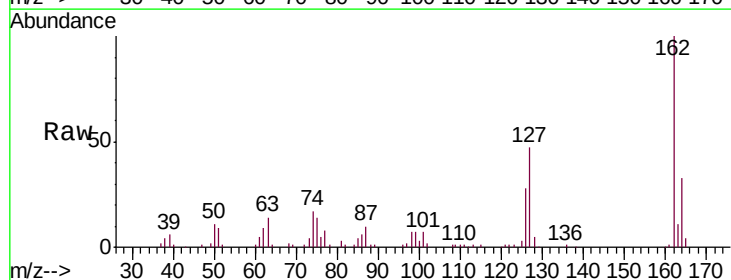
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

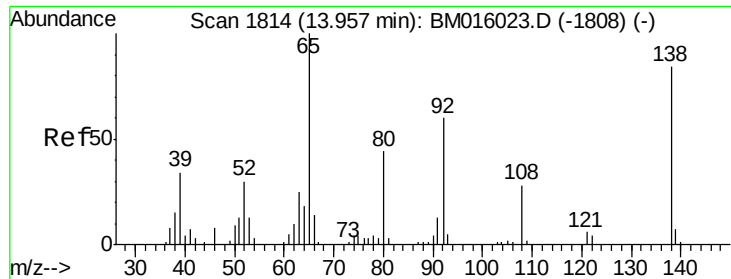
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	20.7	60.7
76	11.2	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 39.381 ng
 RT: 13.63 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.6	26.9	40.3#
164	32.6	26.8	40.2

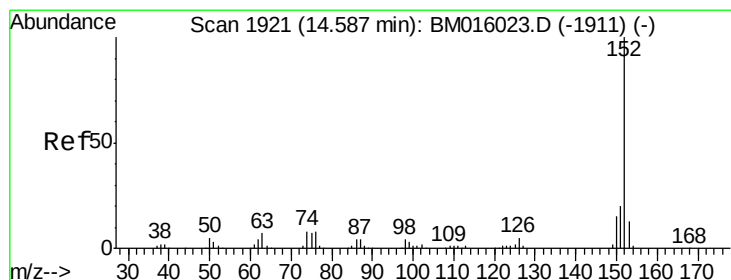
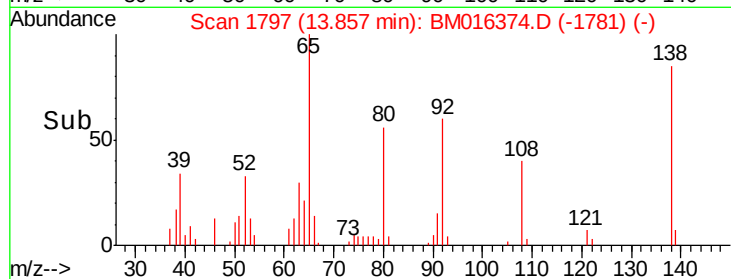
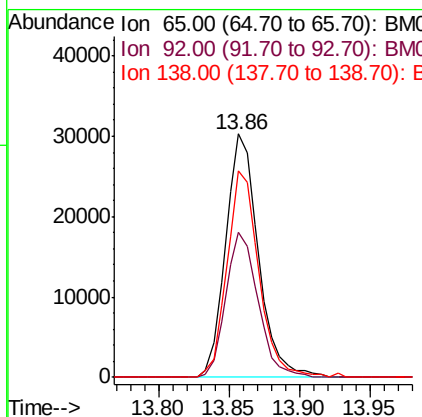
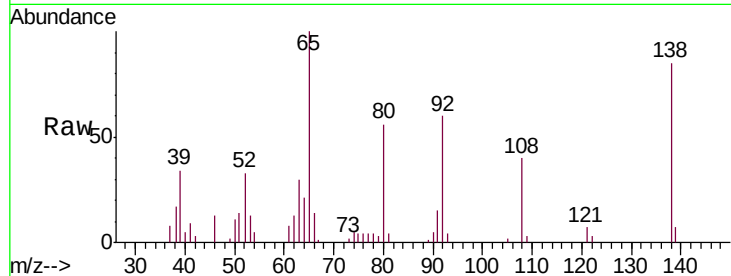




#47
 2-Nitroaniline
 Concen: 41.553 ng
 RT: 13.86 min Scan# 1797
 Delta R.T. -0.01 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

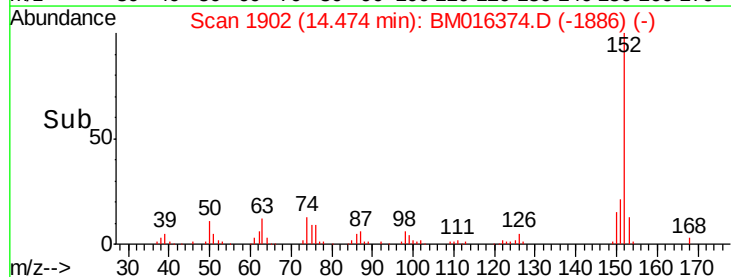
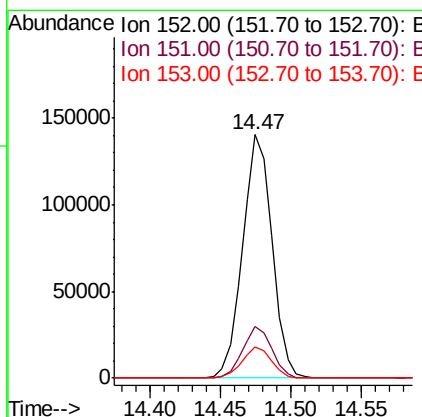
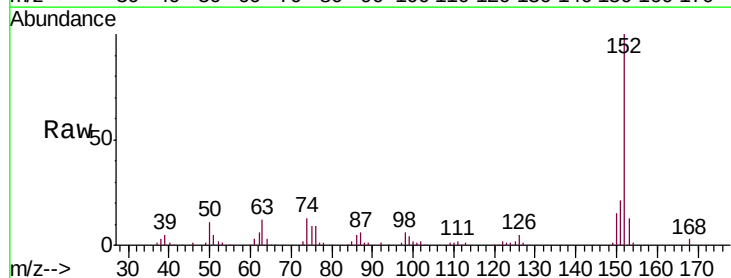
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

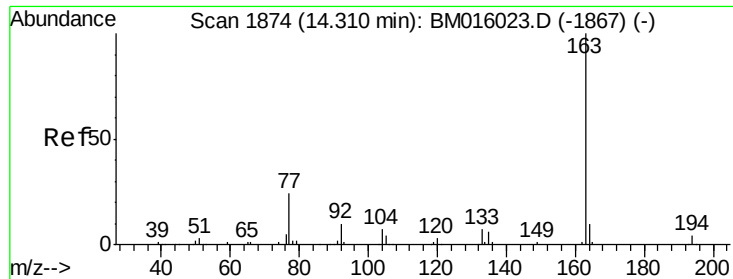
Tgt Ion: 65 Resp: 48790
 Ion Ratio Lower Upper
 65 100
 92 59.6 59.1 88.7
 138 84.8 93.9 140.9#



#48
 Acenaphthylene
 Concen: 39.489 ng
 RT: 14.47 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

Tgt Ion: 152 Resp: 205312
 Ion Ratio Lower Upper
 152 100
 151 21.3 15.9 23.9
 153 12.8 10.6 16.0





#49

Dimethylphthalate

Concen: 40.513 ng

RT: 14.21 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

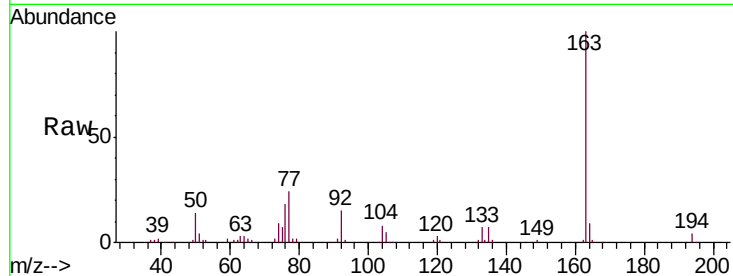
Tgt Ion:163 Resp: 179392

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

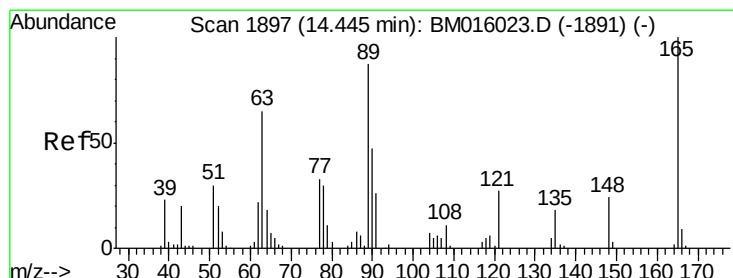
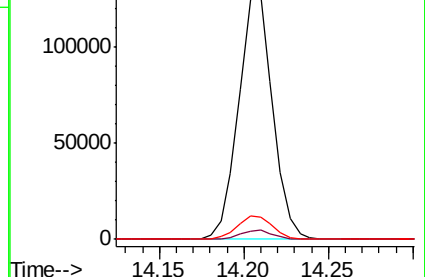
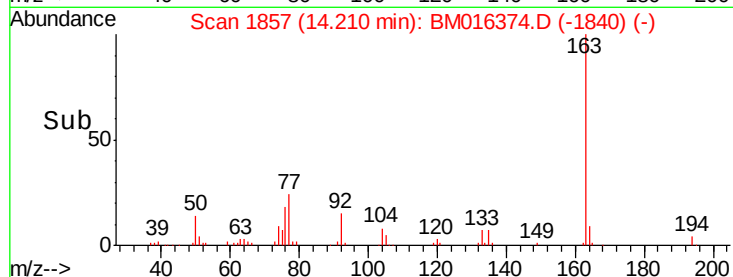
164 9.0 8.2 12.2



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: 40.097 ng

RT: 14.35 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

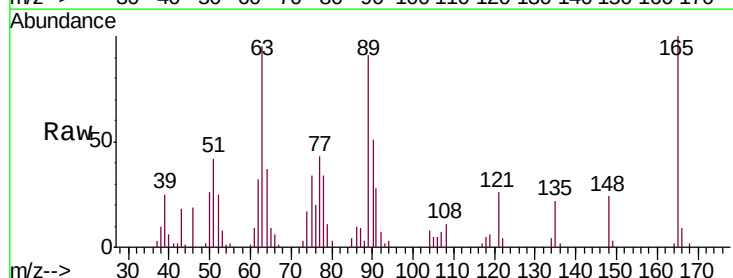
Tgt Ion:165 Resp: 35724

Ion Ratio Lower Upper

165 100

63 94.9 44.1 66.1#

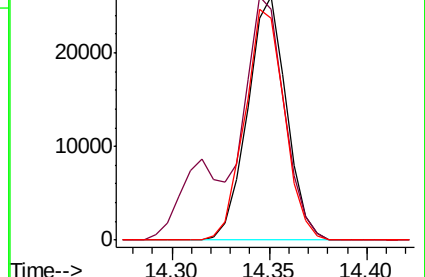
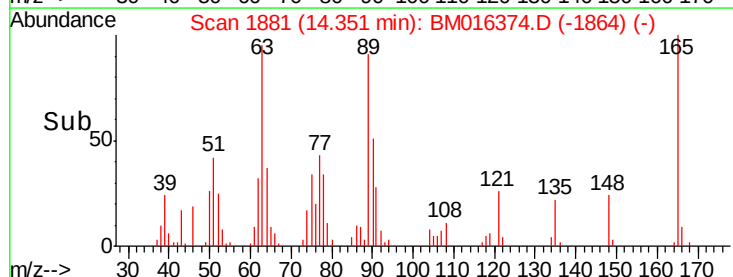
89 91.4 44.3 66.5#

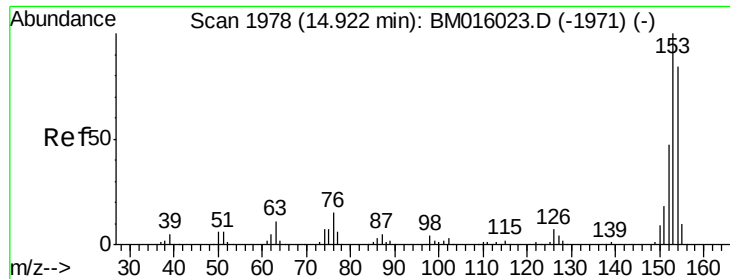


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 38.439 ng

RT: 14.82 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

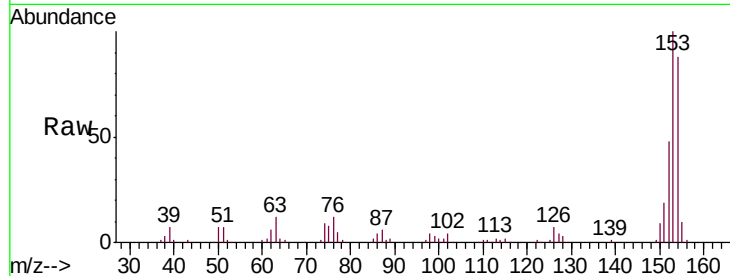
Tgt Ion:154 Resp: 122913

Ion Ratio Lower Upper

154 100

153 113.9 90.0 135.0

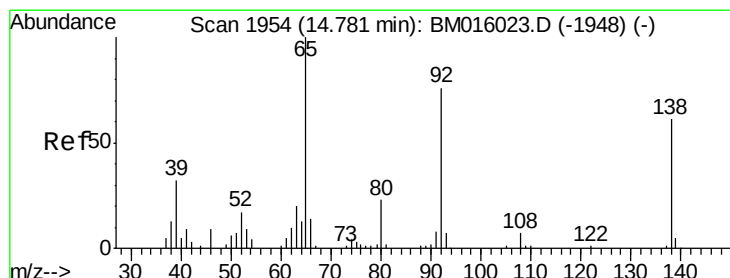
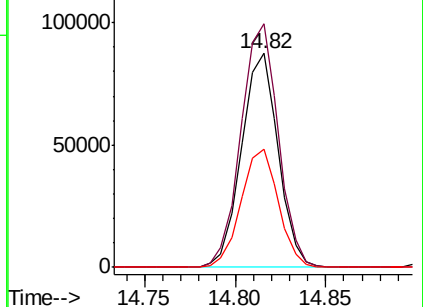
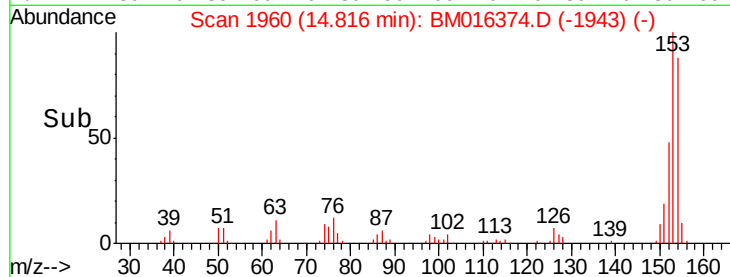
152 55.0 42.6 63.8



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: 37.598 ng

RT: 14.69 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

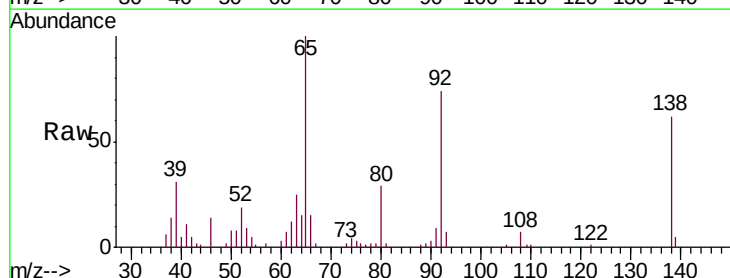
Tgt Ion:138 Resp: 36181

Ion Ratio Lower Upper

138 100

108 11.7 7.3 10.9#

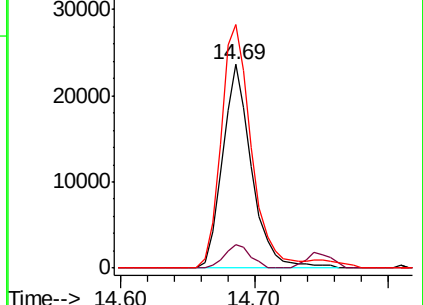
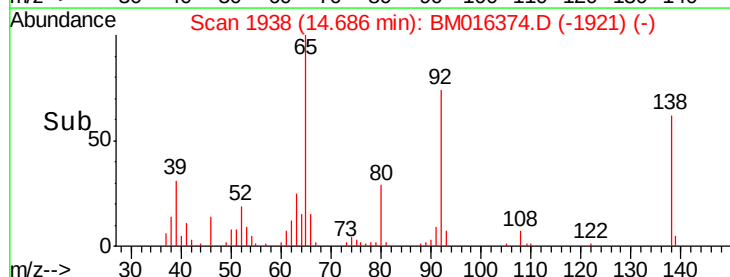
92 119.5 76.6 114.8#

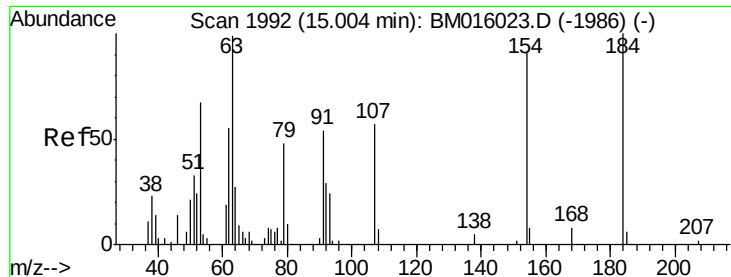


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

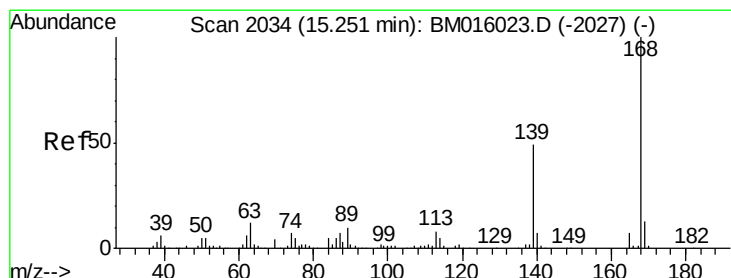
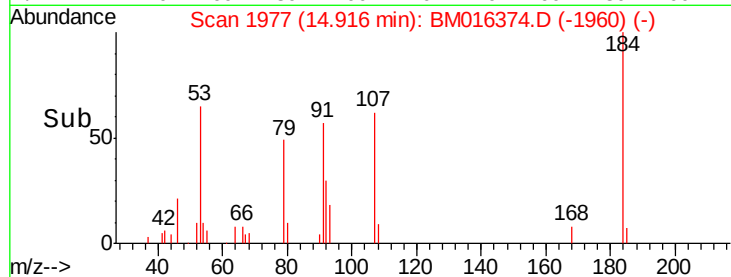
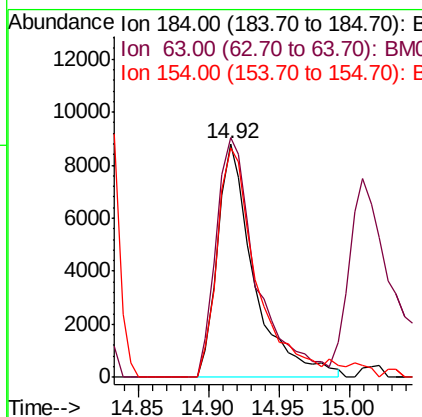
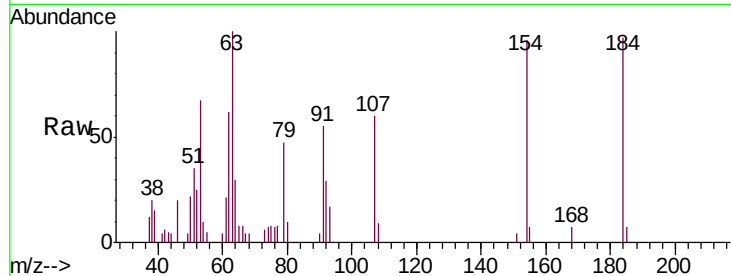




#53
2,4-Dinitrophenol
Concen: 44.482 ng
RT: 14.92 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

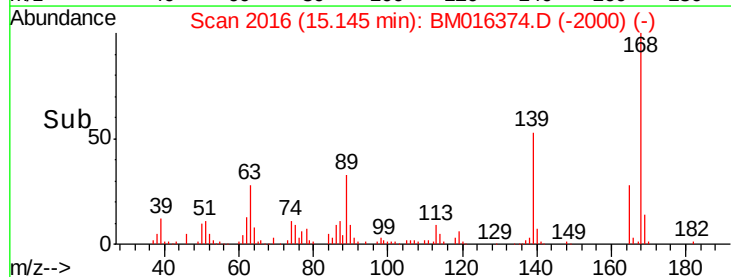
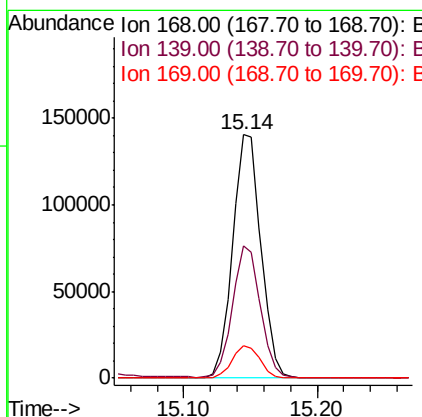
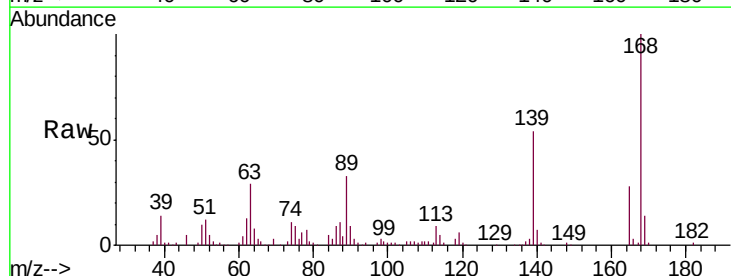
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

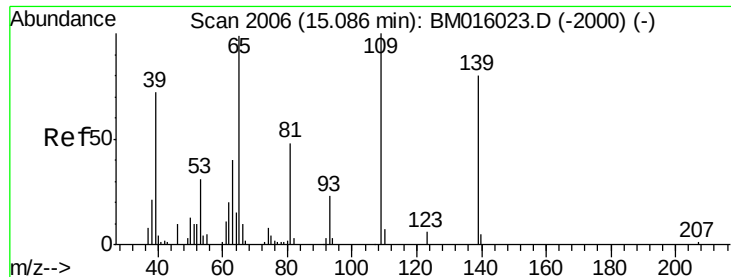
Tgt Ion:184 Resp: 15892
Ion Ratio Lower Upper
184 100
63 102.8 69.2 103.8
154 98.3 53.3 79.9#



#54
Dibenzofuran
Concen: 39.255 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

Tgt Ion:168 Resp: 206848
Ion Ratio Lower Upper
168 100
139 54.3 27.3 40.9#
169 13.6 10.6 16.0





#55

4-Nitrophenol

Concen: 33.471 ng

RT: 15.01 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

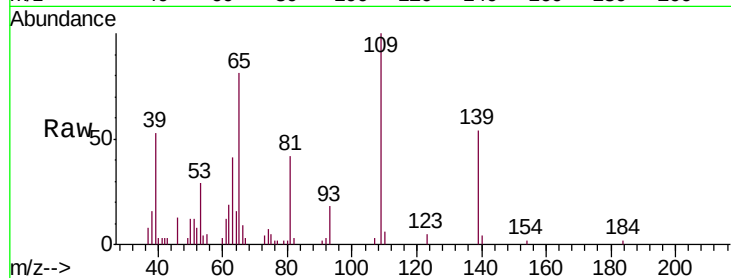
Tgt Ion:139 Resp: 23090

Ion Ratio Lower Upper

139 100

109 184.4 130.0 170.0#

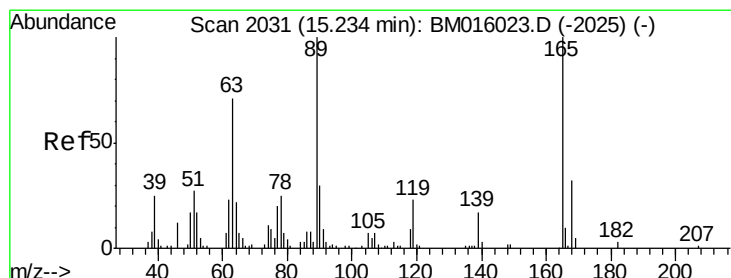
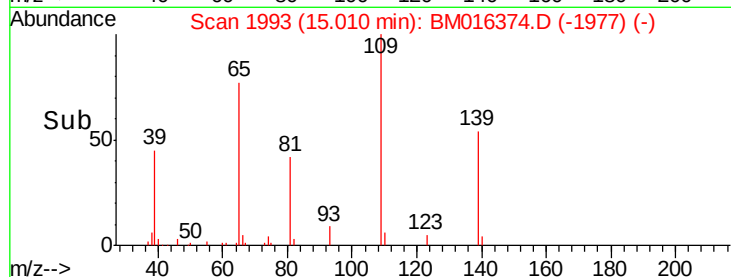
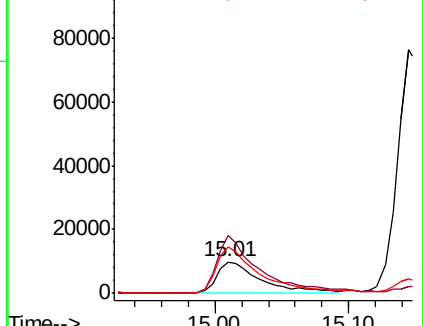
65 149.2 130.0 170.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

2,4-Dinitrotoluene

Concen: 41.572 ng

RT: 15.14 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Tgt Ion:165 Resp: 52959

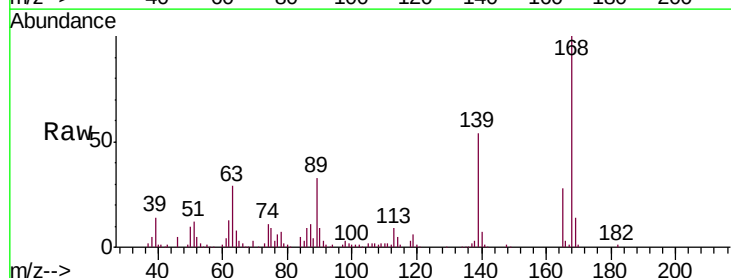
Ion Ratio Lower Upper

165 100

63 105.3 52.4 78.6#

89 116.6 72.4 108.6#

182 3.4 2.0 3.0#

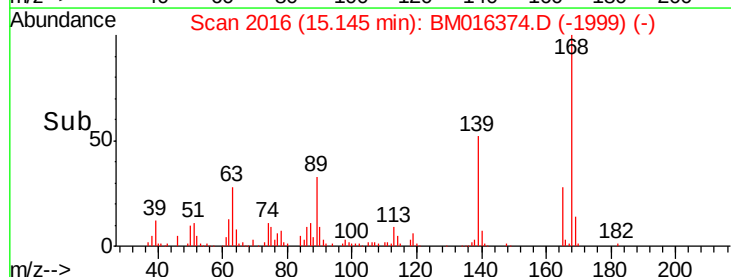
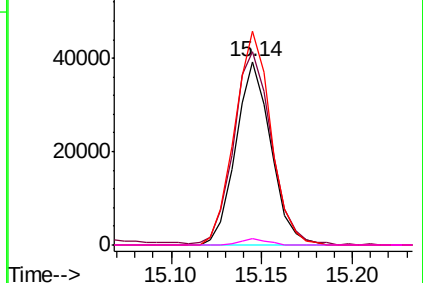


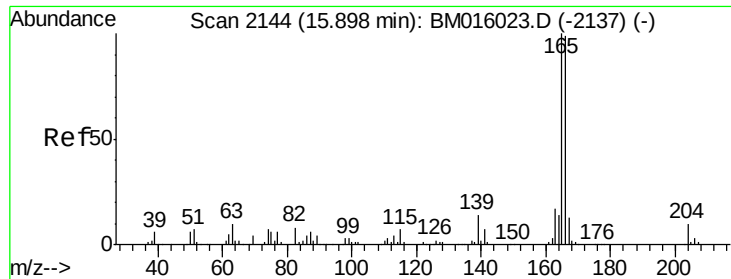
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E

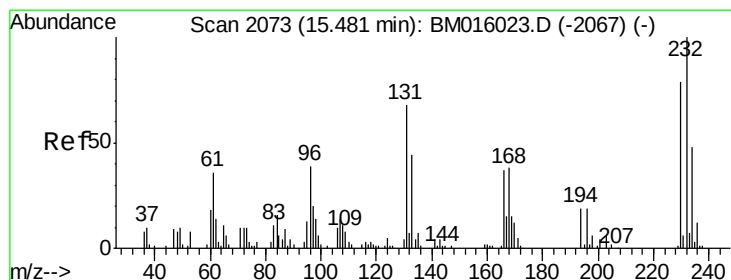
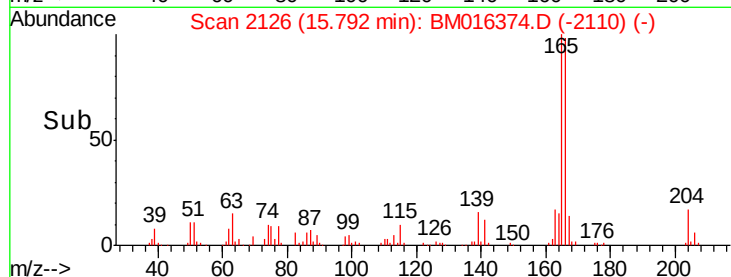
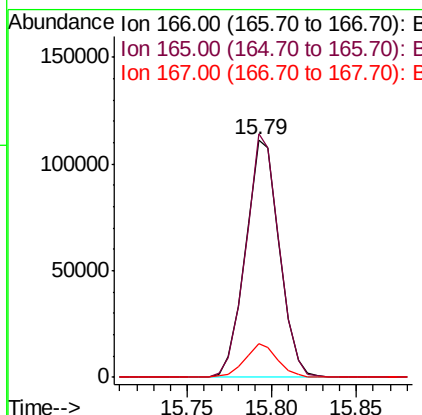
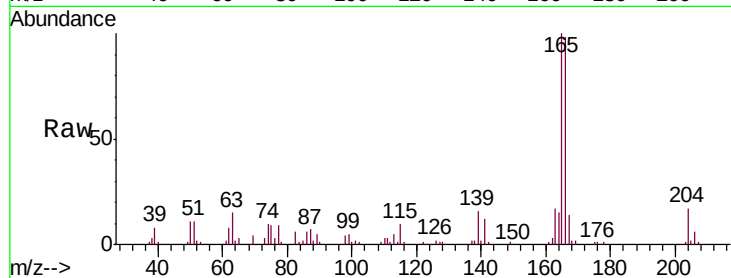




#57
 Fluorene
 Concen: 39.546 ng
 RT: 15.79 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

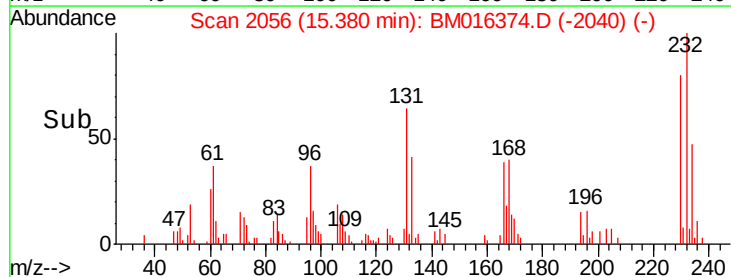
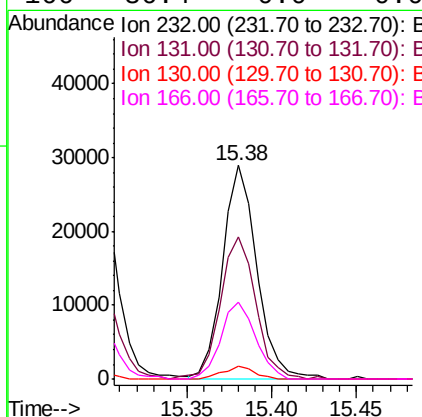
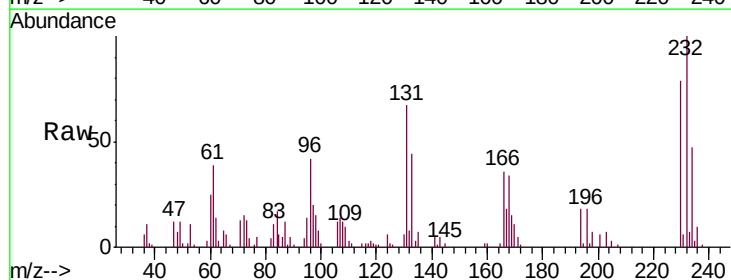
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

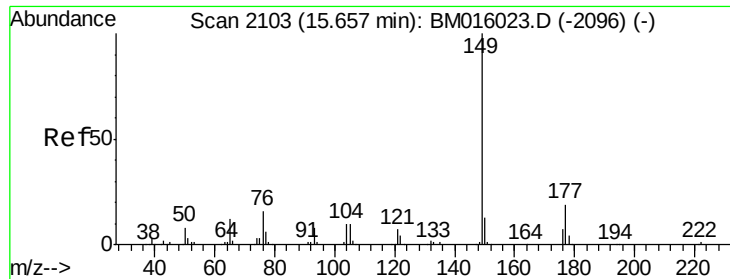
Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.4	79.0	118.4
167	14.1	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.734 ng
 RT: 15.38 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
232	100		
131	68.9	0.0	0.0#
130	5.3	0.0	0.0#
166	36.4	0.0	0.0#

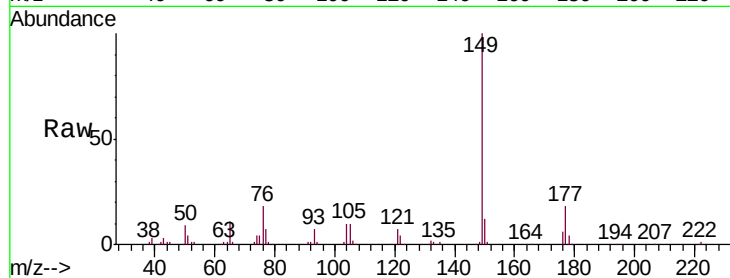




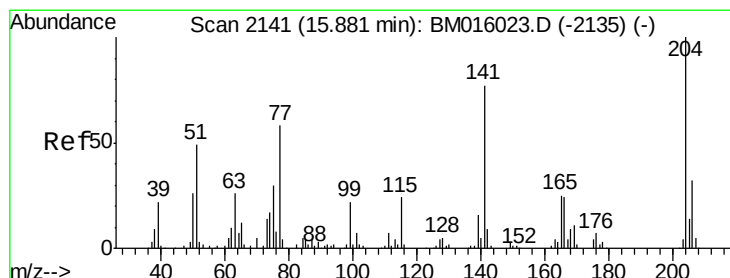
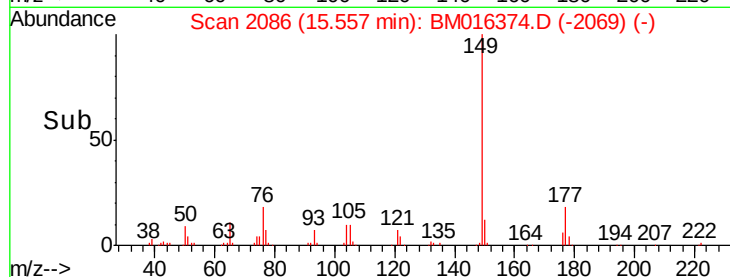
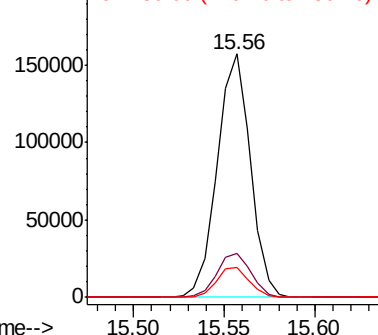
#59
Diethylphthalate
Concen: 41.833 ng
RT: 15.56 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 199658
Ion Ratio Lower Upper
149 100
177 18.2 18.3 27.5#
150 12.1 9.8 14.8

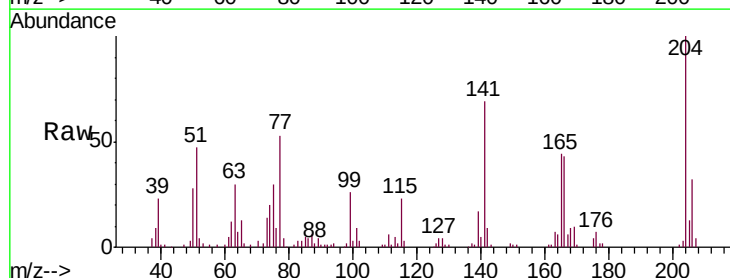


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

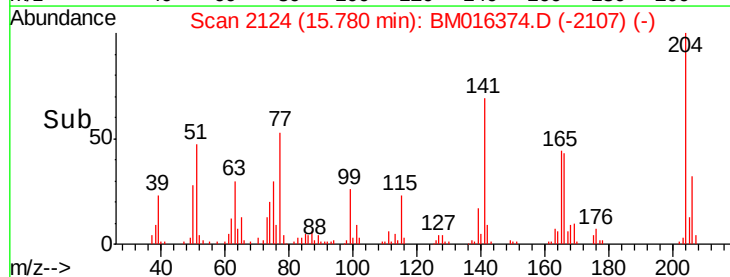
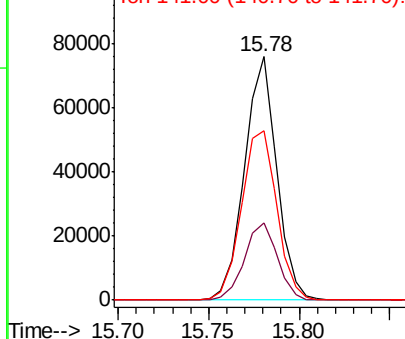


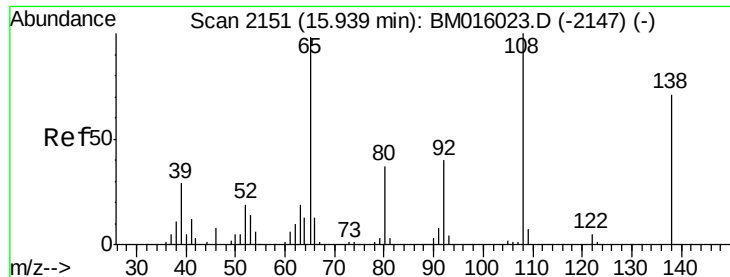
#60
4-Chlorophenyl-phenylether
Concen: 43.000 ng
RT: 15.78 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

Tgt Ion:204 Resp: 93731
Ion Ratio Lower Upper
204 100
206 31.8 26.6 39.8
141 69.4 45.2 67.8#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

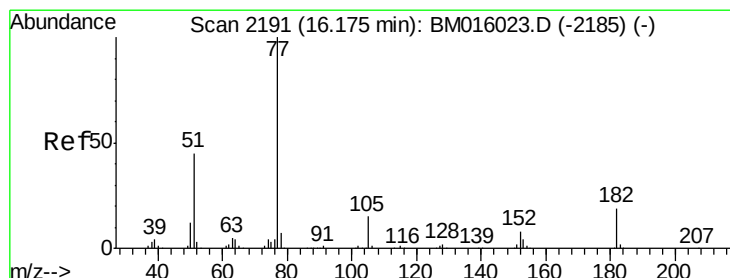
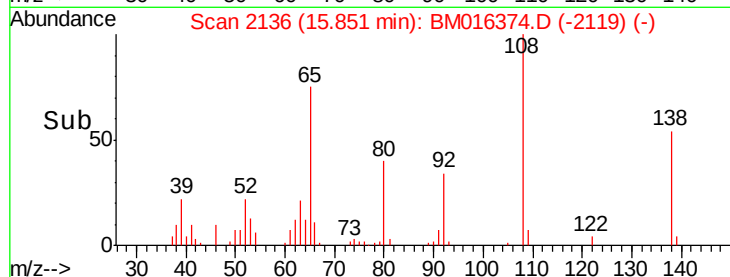
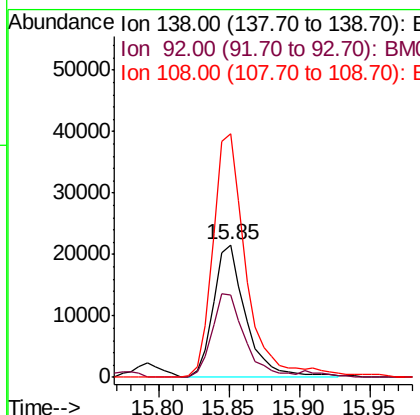
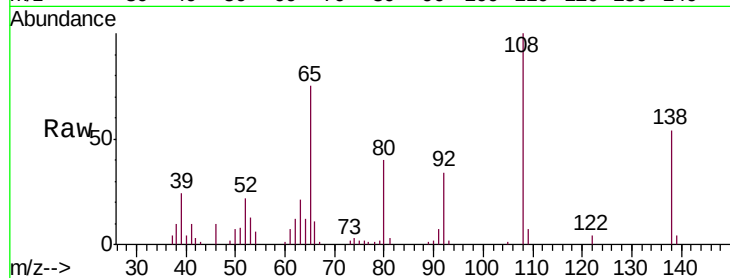




#61
4-Nitroaniline
Concen: 37.257 ng
RT: 15.85 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

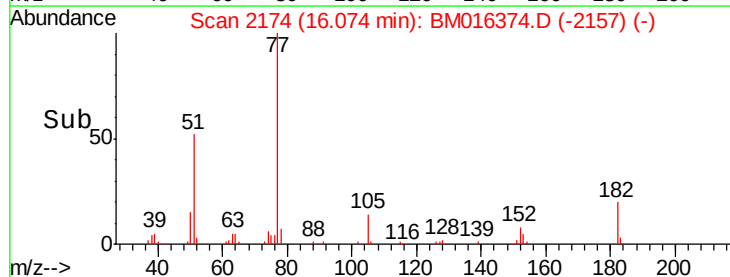
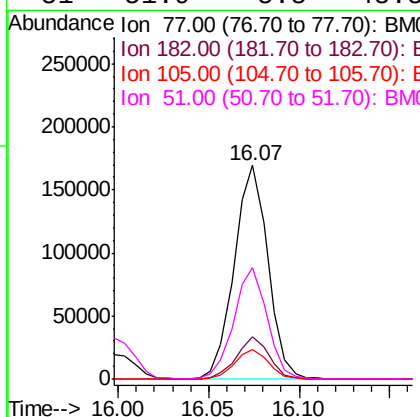
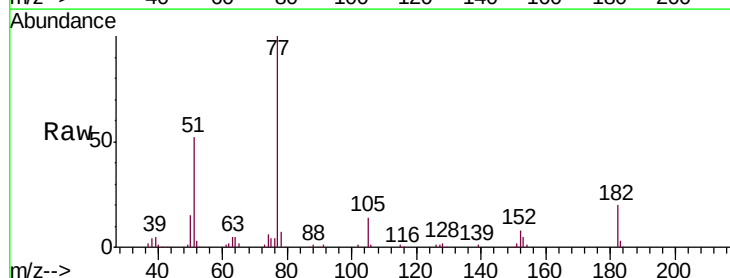
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

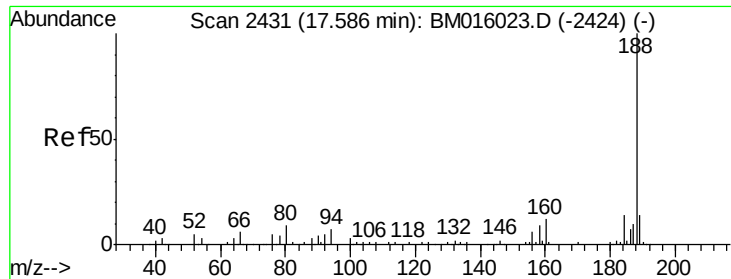
Tgt Ion: 138 Resp: 34399
Ion Ratio Lower Upper
138 100
92 61.7 16.7 56.7#
108 183.9 37.6 77.6#



#62
Azobenzene
Concen: 43.570 ng
RT: 16.07 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

Tgt Ion: 77 Resp: 219004
Ion Ratio Lower Upper
77 100
182 19.7 6.5 46.5
105 13.6 3.8 43.8
51 51.9 5.5 45.5#

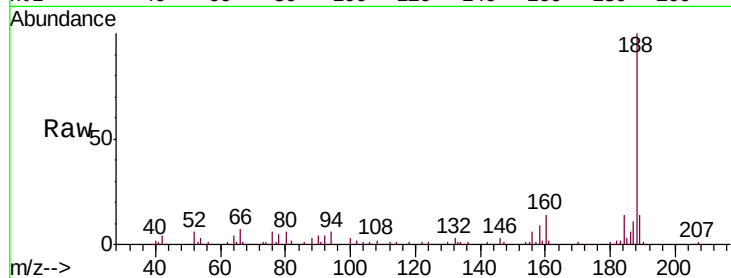




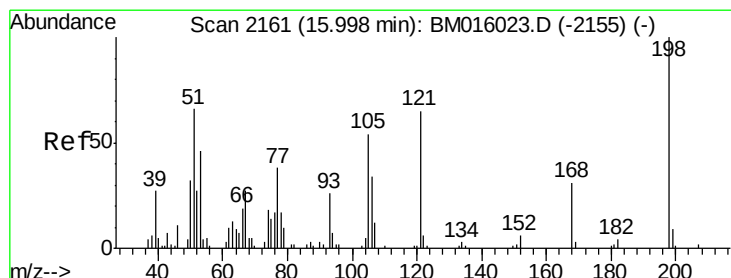
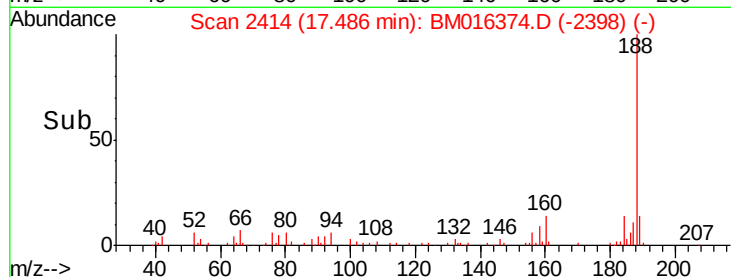
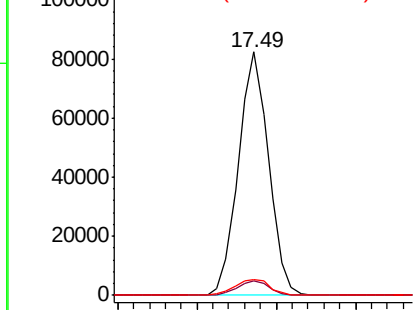
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 108801
Ion Ratio Lower Upper
188 100
94 6.0 8.7 13.1#
80 6.5 9.3 13.9#

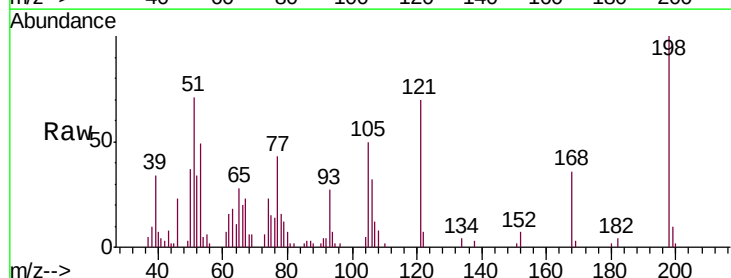


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

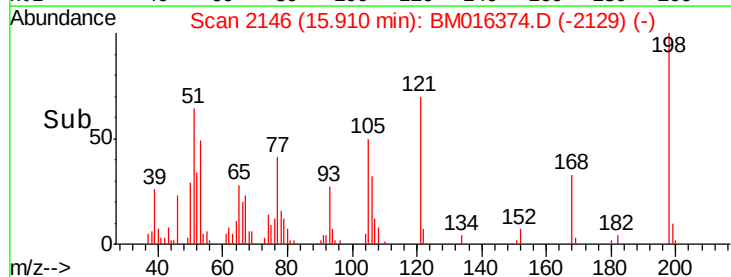
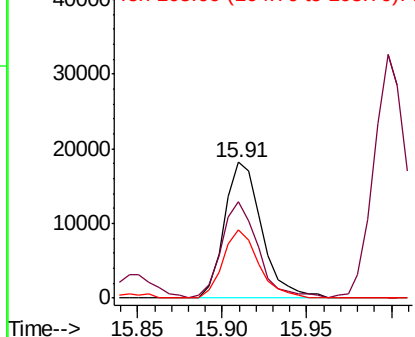


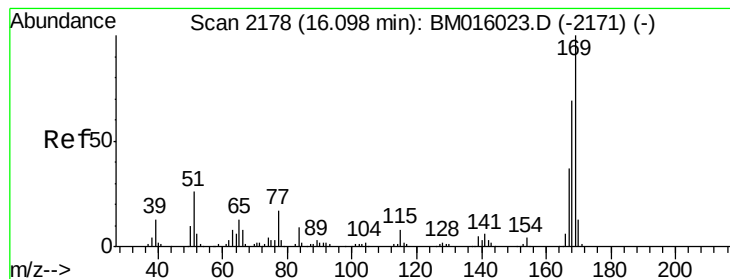
#64
4,6-Dinitro-2-methylphenol
Concen: 42.289 ng
RT: 15.91 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

Tgt Ion:198 Resp: 27927
Ion Ratio Lower Upper
198 100
51 70.9 28.8 68.8#
105 50.1 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.710 ng

RT: 16.00 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

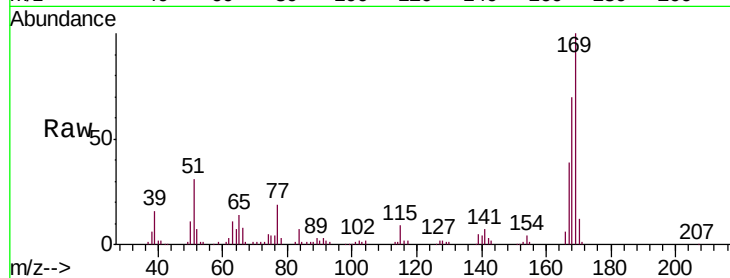
Tgt Ion:169 Resp: 142267

Ion Ratio Lower Upper

169 100

168 69.5 53.9 80.9

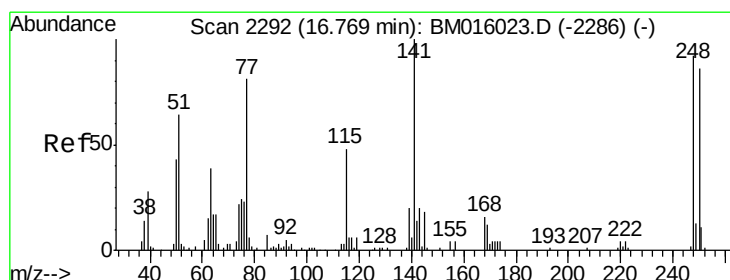
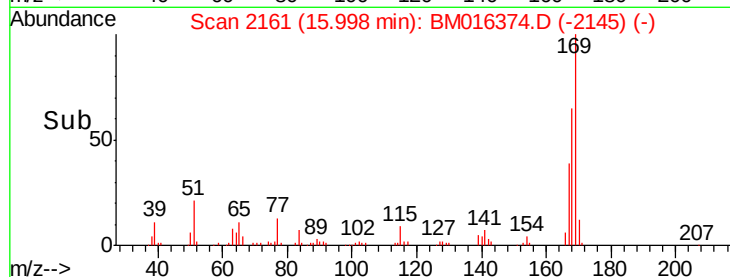
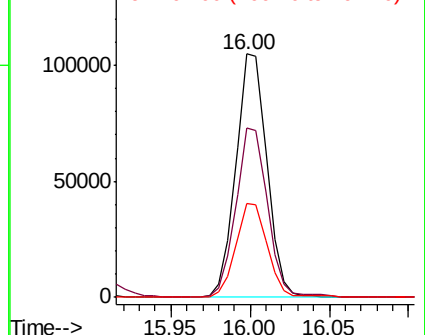
167 38.6 28.9 43.3



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: 42.791 ng

RT: 16.67 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

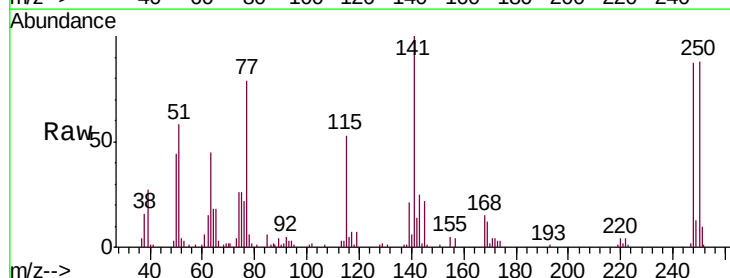
Tgt Ion:248 Resp: 52719

Ion Ratio Lower Upper

248 100

250 101.1 77.4 116.0

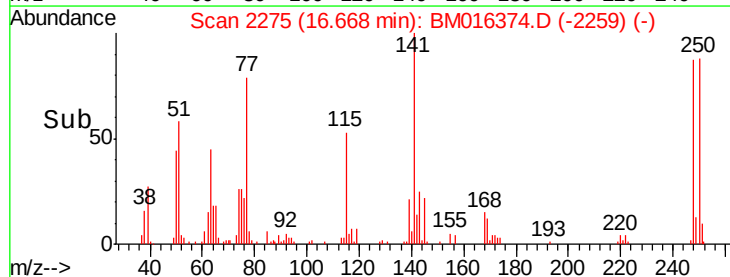
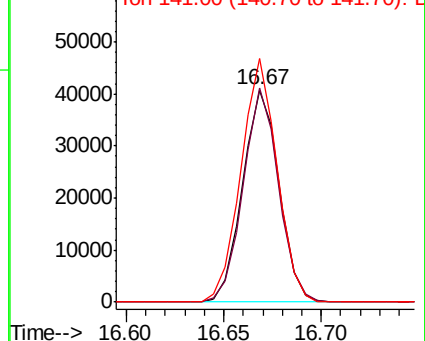
141 114.8 45.2 67.8#

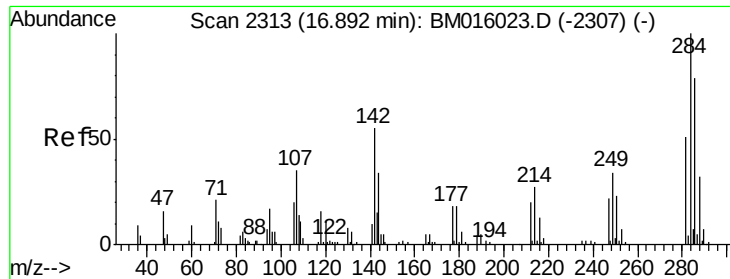


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.942 ng

RT: 16.79 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

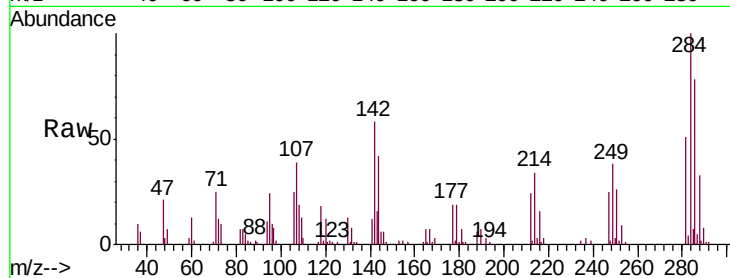
Tgt Ion:284 Resp: 52833

Ion Ratio Lower Upper

284 100

142 58.0 20.4 30.6#

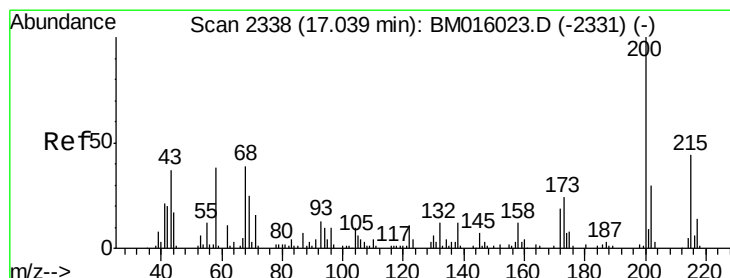
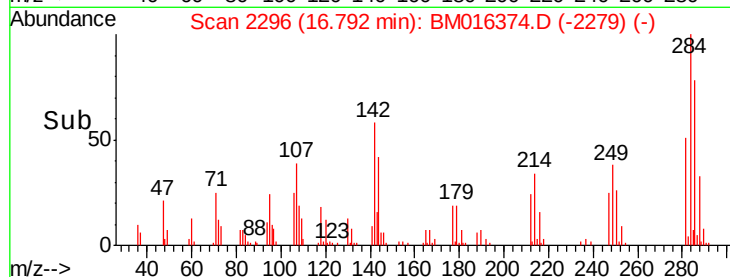
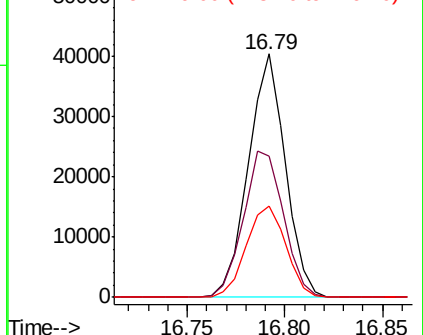
249 37.5 23.8 35.6#



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: 41.194 ng

RT: 16.94 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

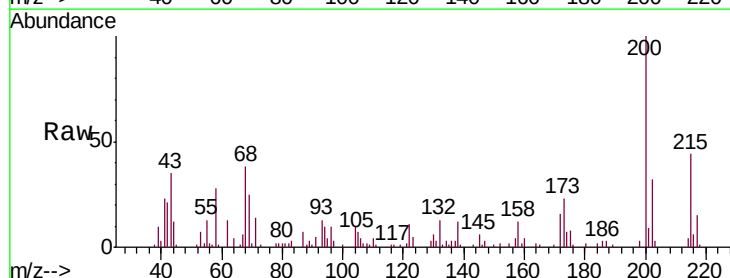
Tgt Ion:200 Resp: 52895

Ion Ratio Lower Upper

200 100

173 22.7 4.8 44.8

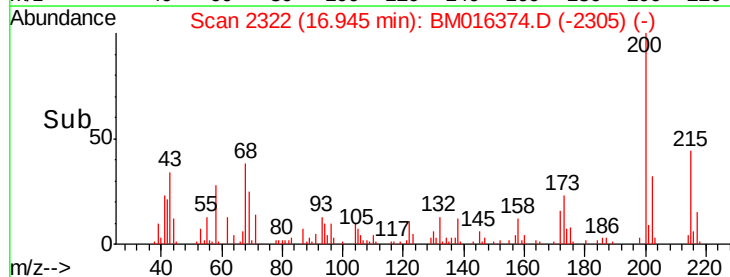
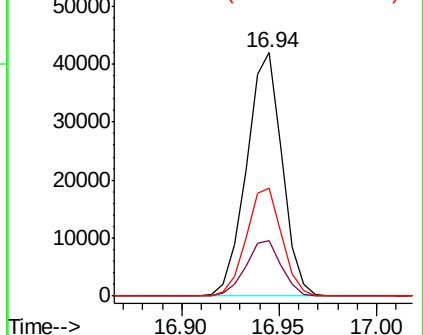
215 44.1 26.9 66.9

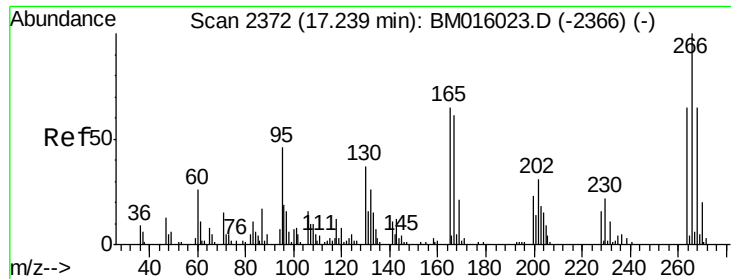


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 37.783 ng

RT: 17.14 min Scan# 2356

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

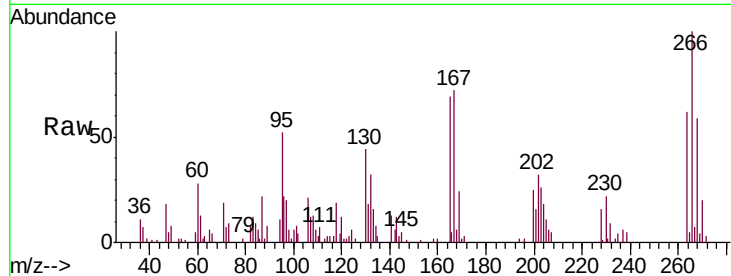
Tgt Ion:266 Resp: 31742

Ion Ratio Lower Upper

266 100

268 59.4 52.0 78.0

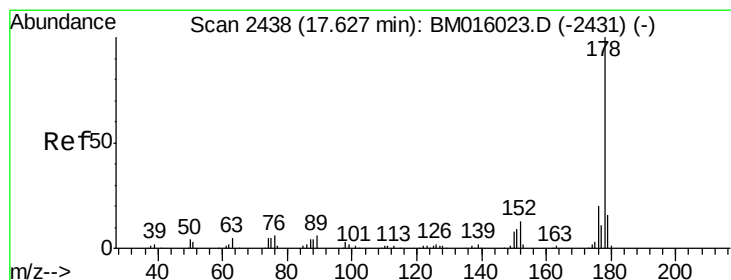
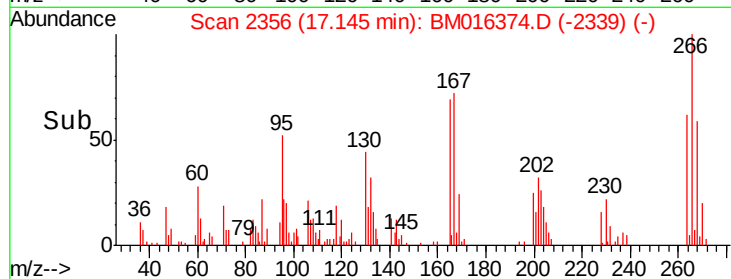
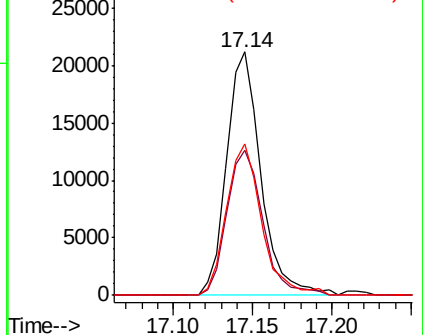
264 62.1 49.0 73.4



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: 38.193 ng

RT: 17.53 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

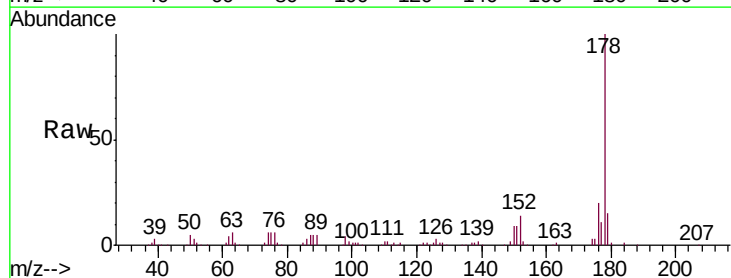
Tgt Ion:178 Resp: 232649

Ion Ratio Lower Upper

178 100

176 19.7 15.2 22.8

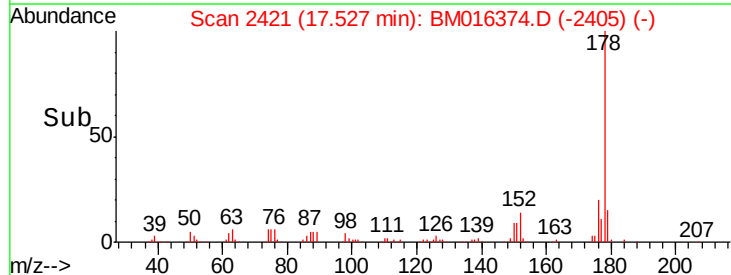
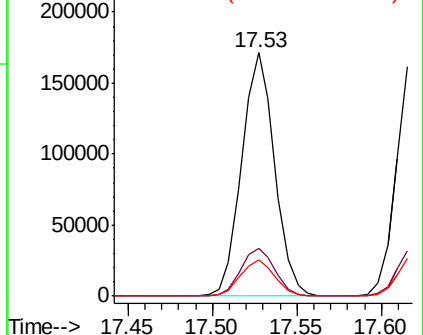
179 15.1 12.1 18.1

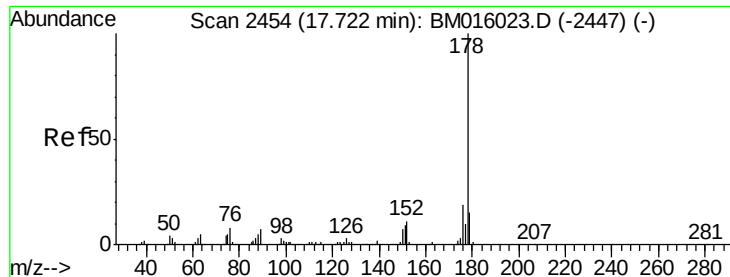


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

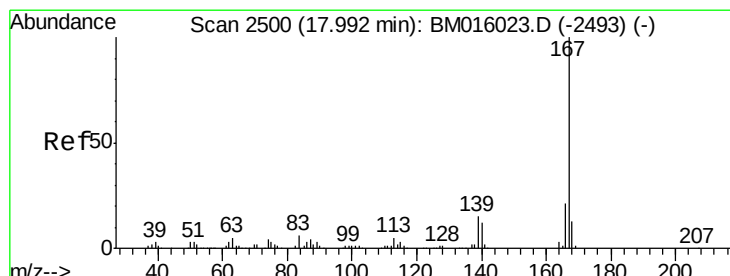
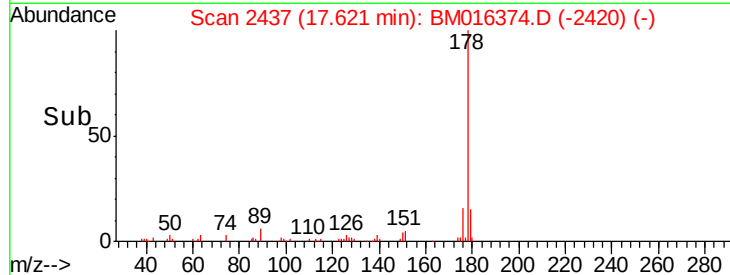
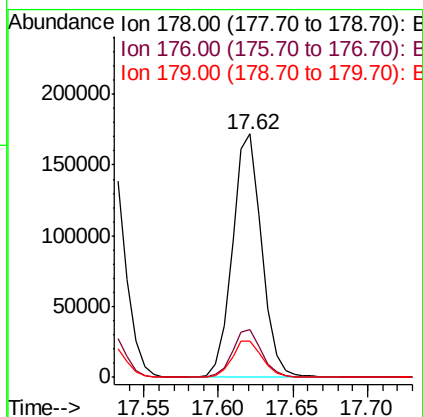
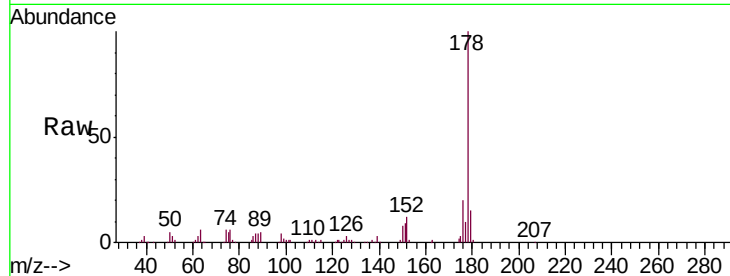




#71
 Anthracene
 Concen: 39.747 ng
 RT: 17.62 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

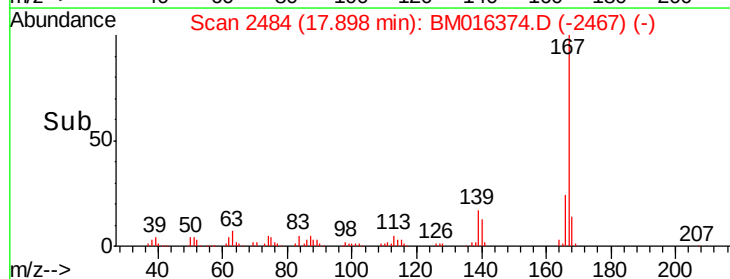
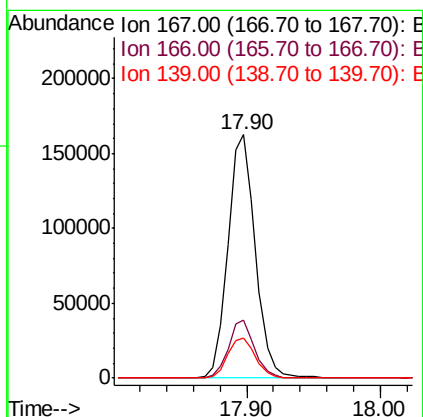
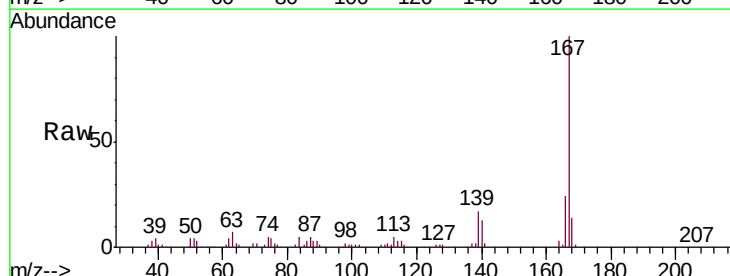
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

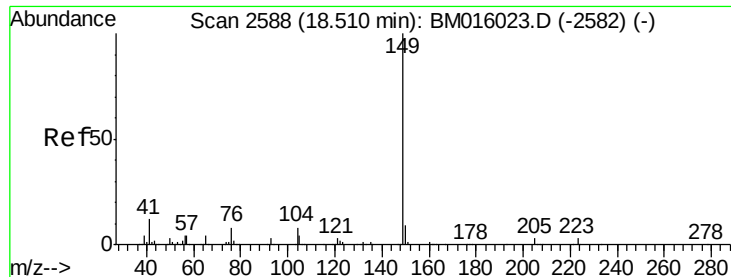
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.6	22.0
179	15.1	12.6	19.0



#72
 Carbazole
 Concen: 38.057 ng
 RT: 17.90 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.2	25.8
139	16.5	10.8	16.2#

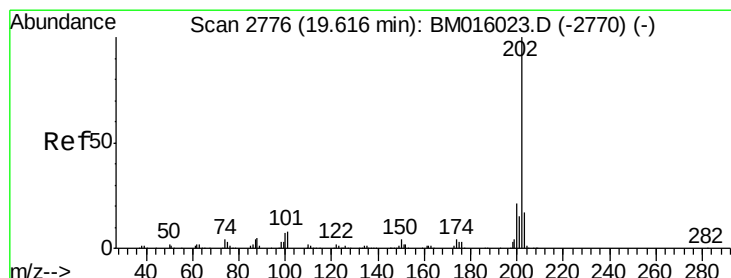
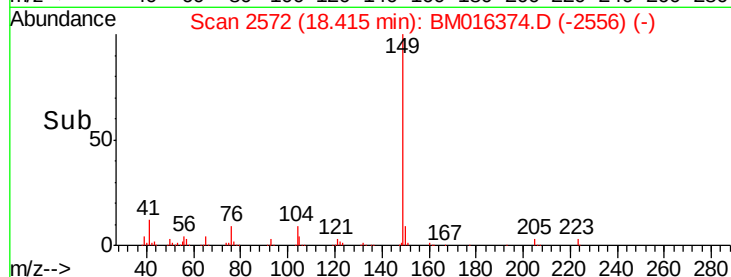
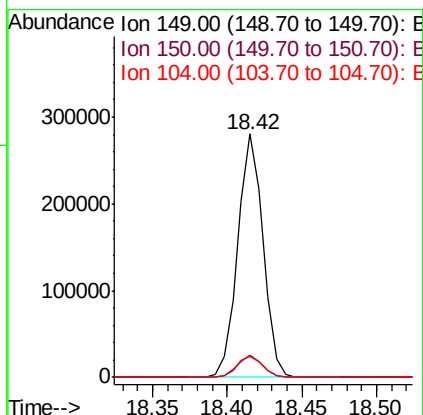
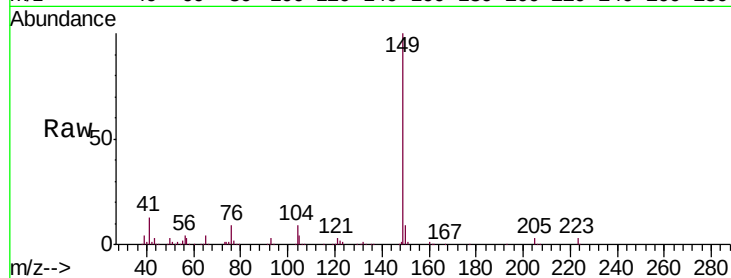




#73
Di-n-butylphthalate
Concen: 43.261 ng
RT: 18.42 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

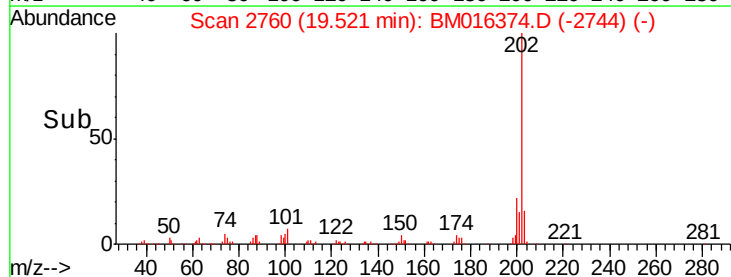
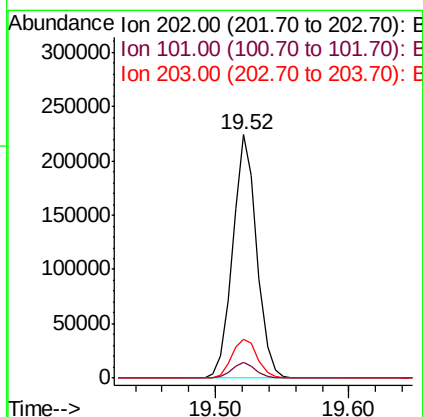
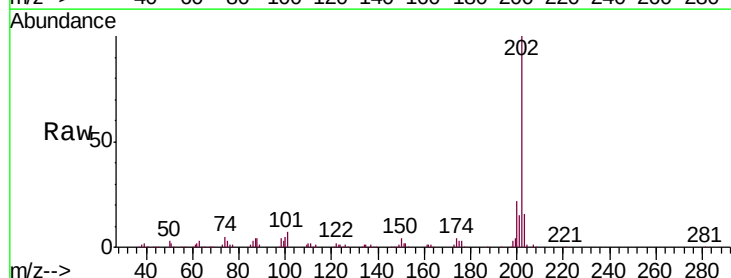
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

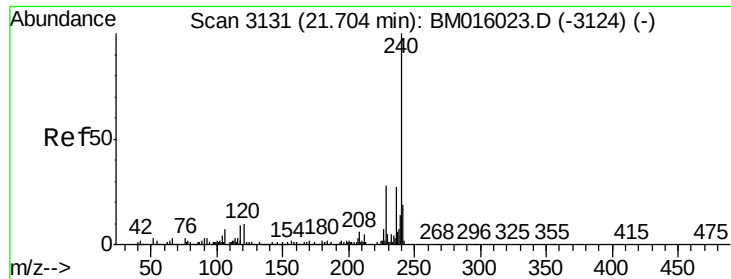
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	8.6	3.7	5.5



#74
Fluoranthene
Concen: 41.268 ng
RT: 19.52 min Scan# 2760
Delta R.T. -0.01 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	28.7
203	15.9	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: BM016374.D

Acq: 15 Aug 2018 11:17

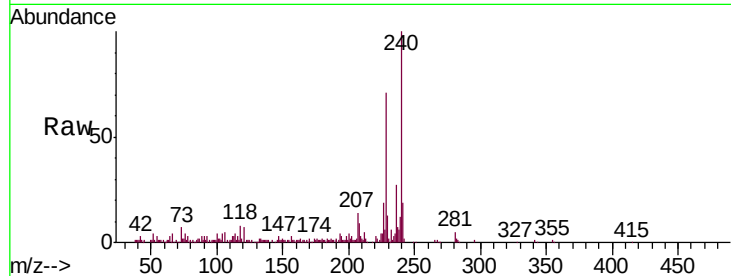
Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

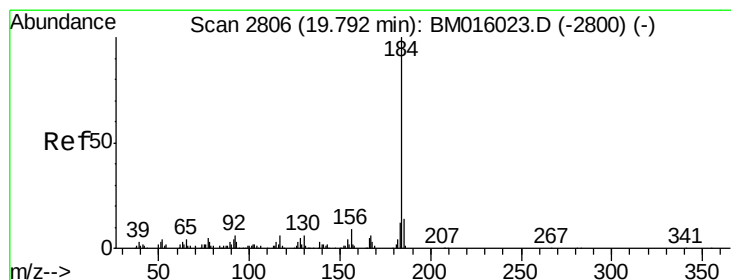
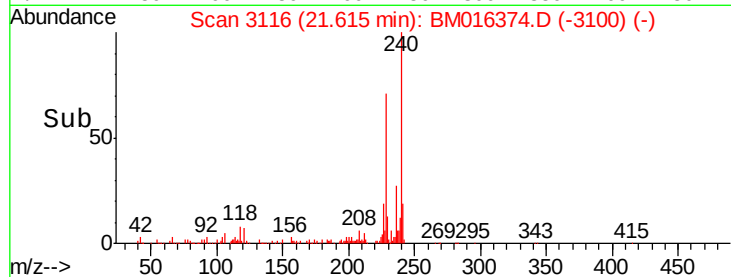
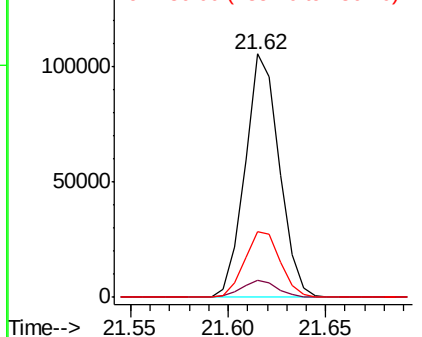
Tgt Ion:	240	Resp:	127603
Ion Ratio	Lower	Upper	
240	100		
120	7.1	8.2	12.2#
236	26.8	20.0	30.0



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: 28.384 ng

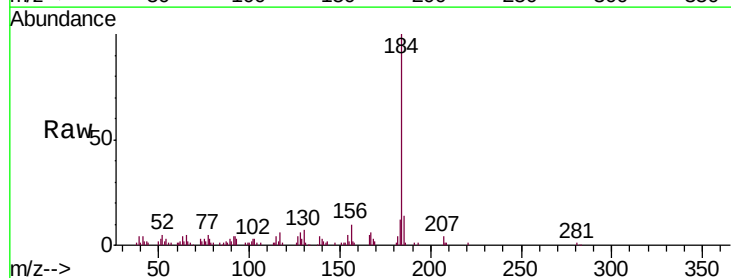
RT: 19.71 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

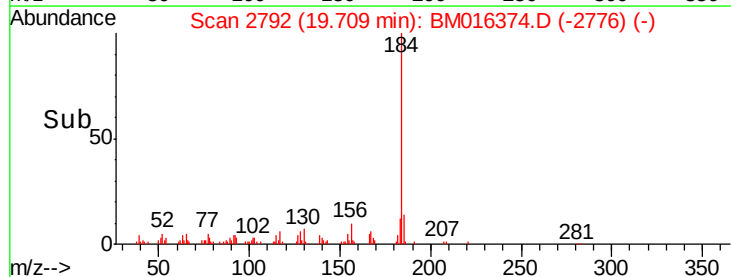
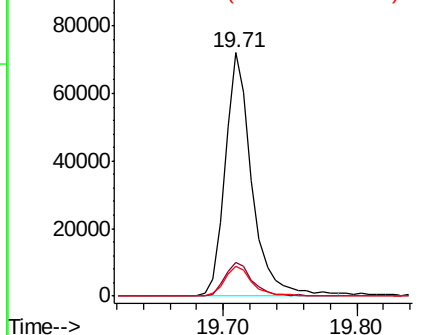
Tgt Ion:	184	Resp:	101210
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.3	16.9
183	12.1	8.9	13.3

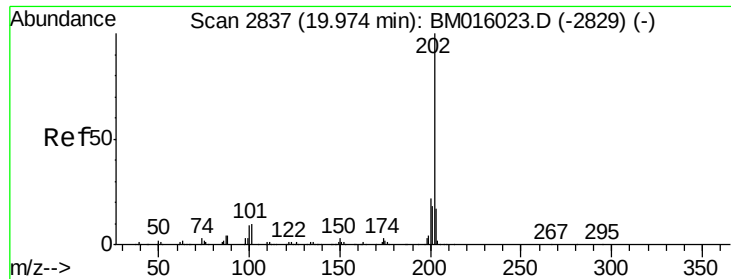


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

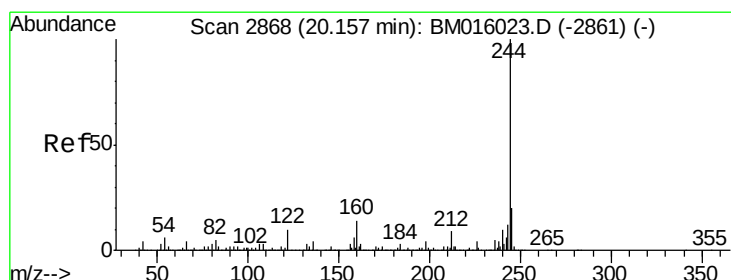
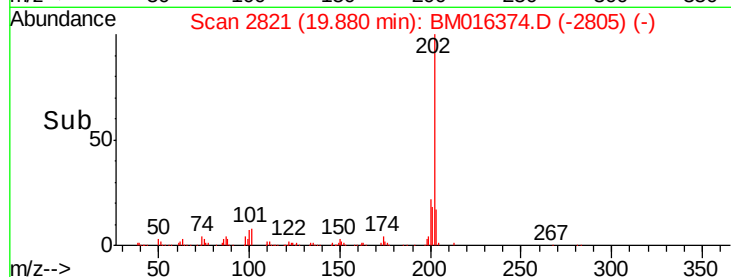
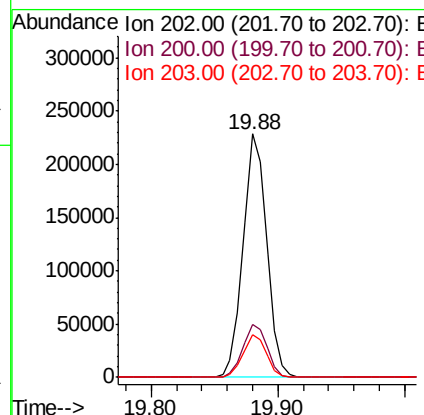
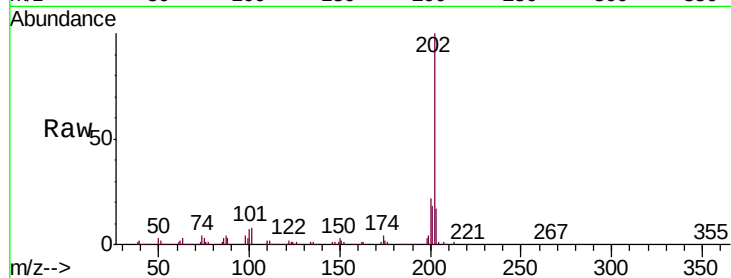




#77
 Pyrene
 Concen: 38.395 ng
 RT: 19.88 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

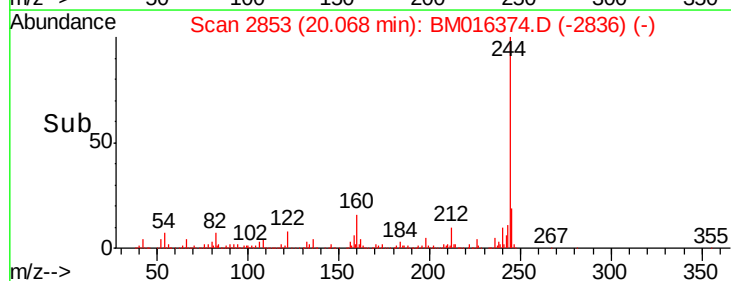
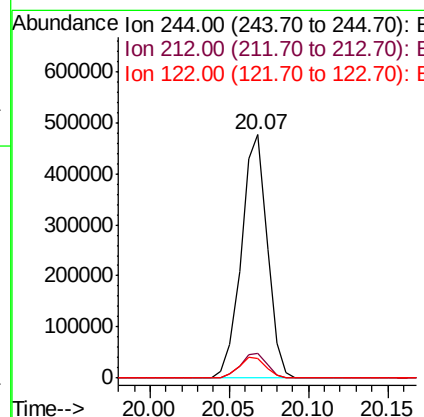
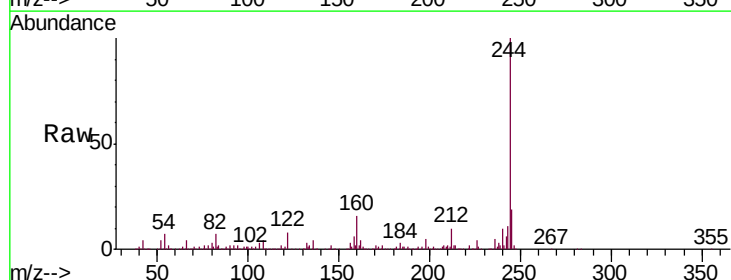
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

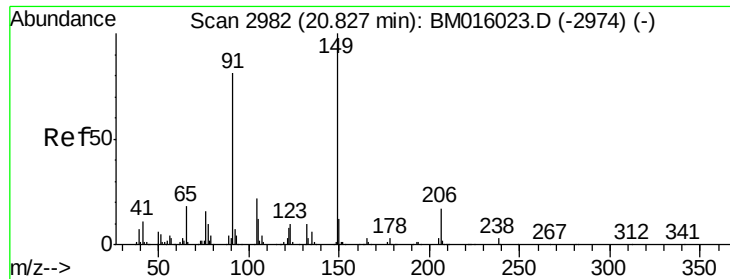
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	17.5	14.1	21.1



#78
 Terphenyl-d14
 Concen: 38.395 ng
 RT: 20.07 min Scan# 2853
 Delta R.T. 0.00 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.3	4.9	7.3#
122	8.1	6.2	9.4

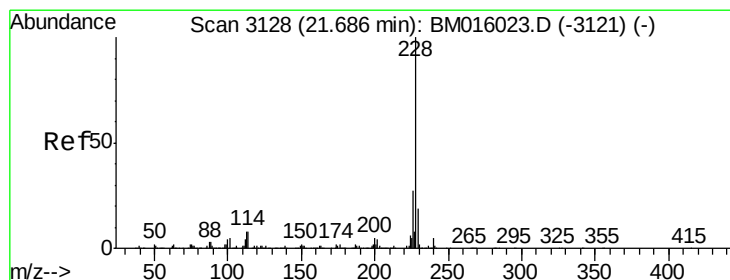
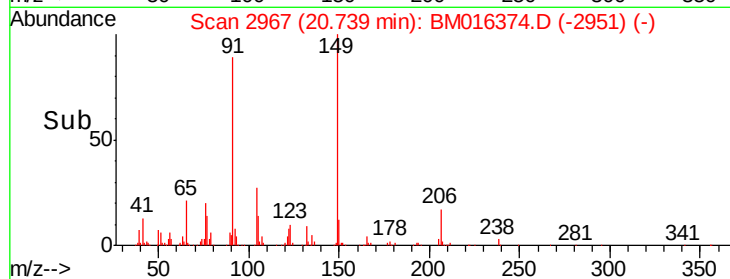
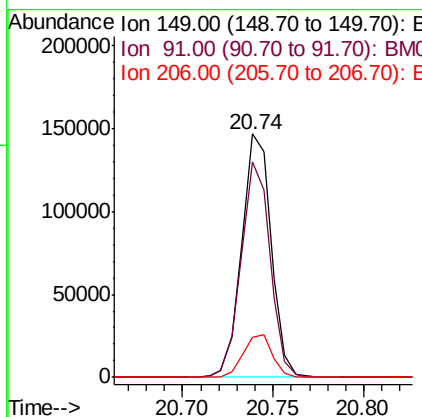
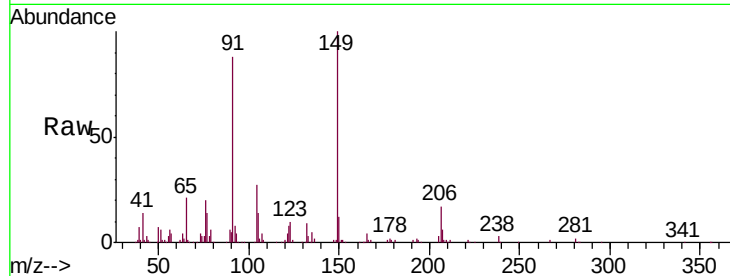




#79
Butylbenzylphthalate
Concen: 42.869 ng
RT: 20.74 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

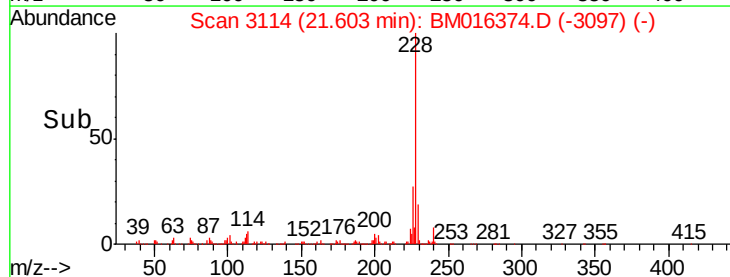
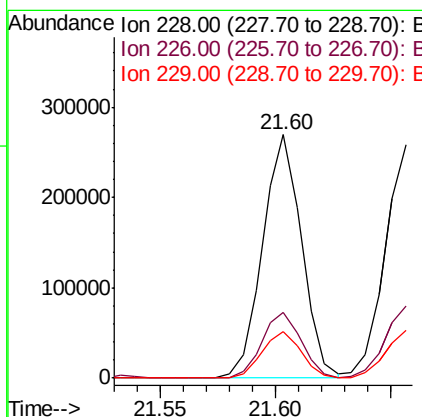
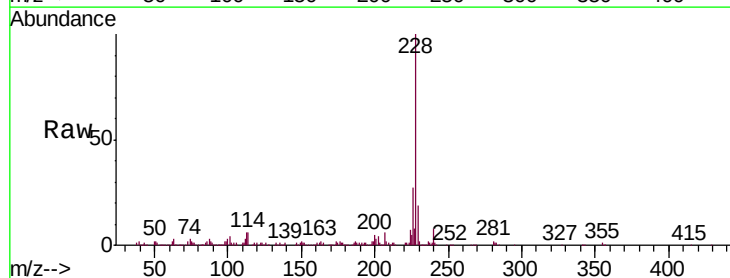
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

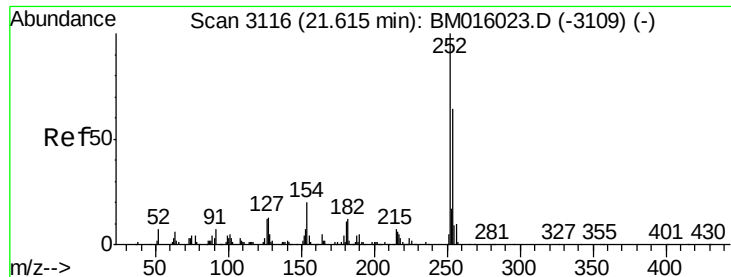
Tgt Ion	Ratio	Lower	Upper
149	100		
91	88.4	50.1	75.1#
206	16.6	16.2	24.2



#80
Benzo(a)anthracene
Concen: 40.206 ng
RT: 21.60 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

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

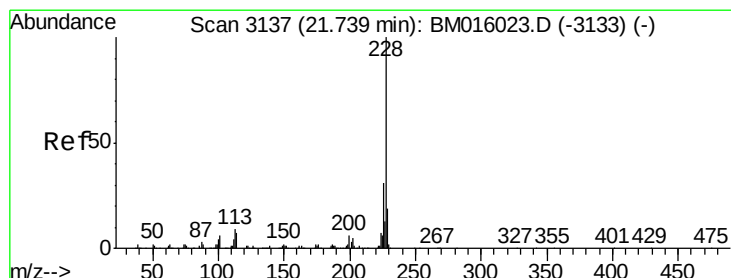
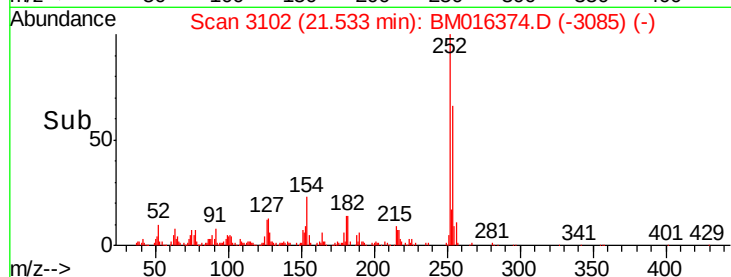
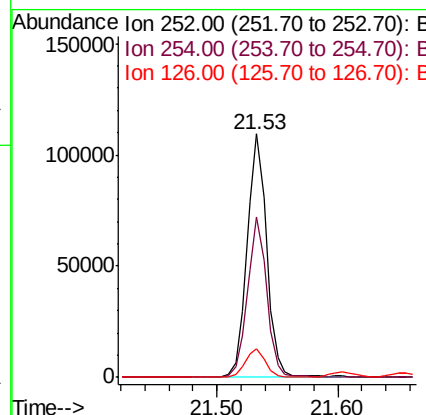
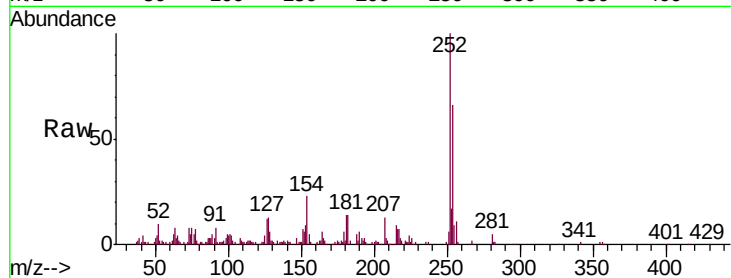




#81
 3,3'-Dichlorobenzidine
 Concen: 39.296 ng
 RT: 21.53 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

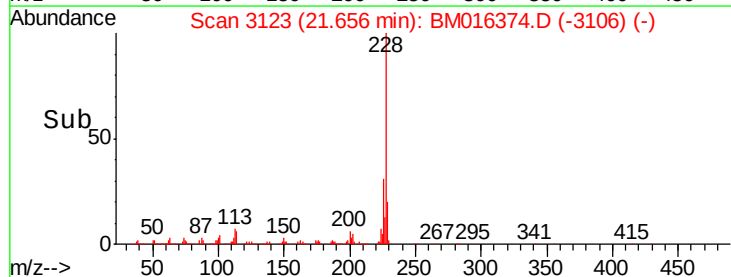
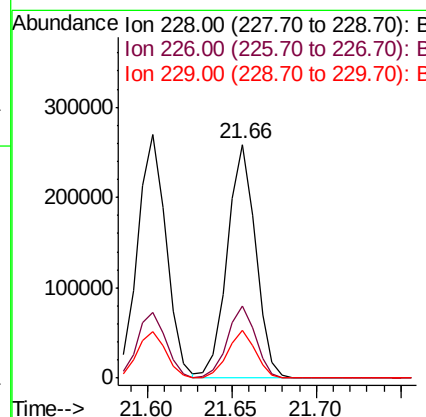
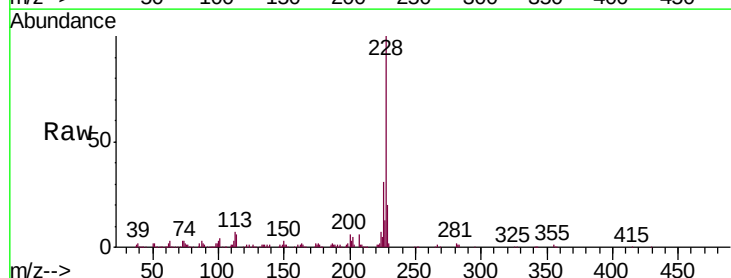
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

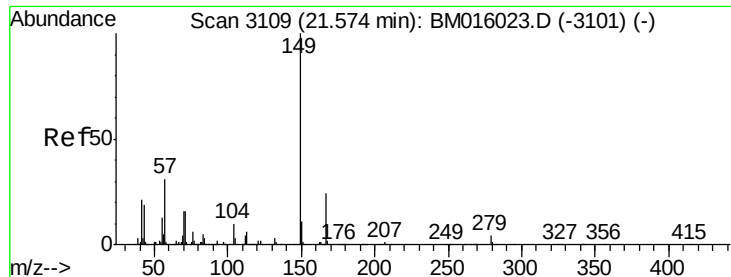
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.9	77.9
126	11.9	9.8	14.8



#82
 Chrysene
 Concen: 39.987 ng
 RT: 21.66 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	20.3	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.340 ng

RT: 21.49 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

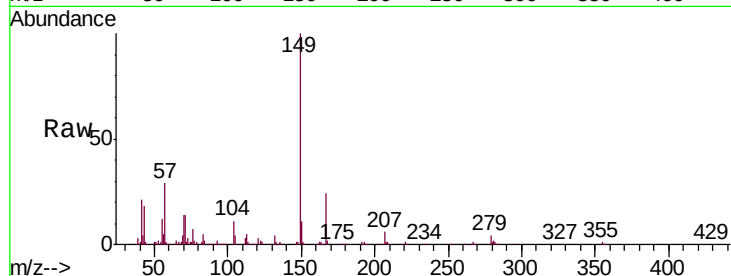
Tgt Ion:149 Resp: 244000

Ion Ratio Lower Upper

149 100

167 23.6 22.4 33.6

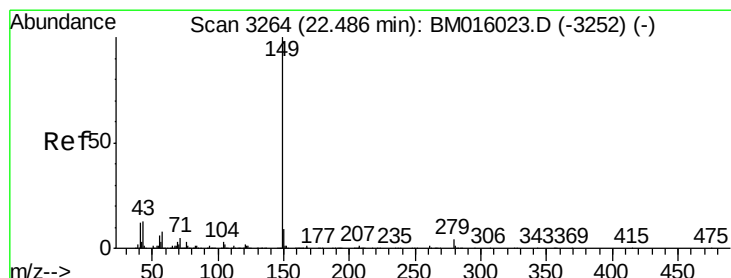
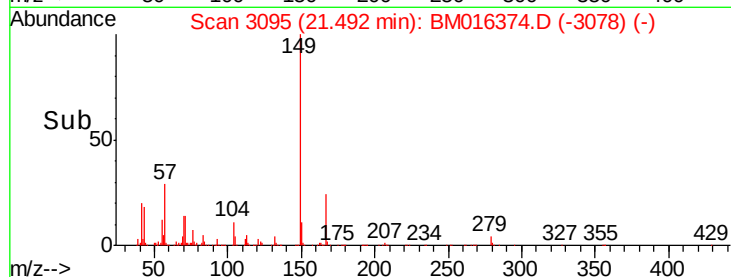
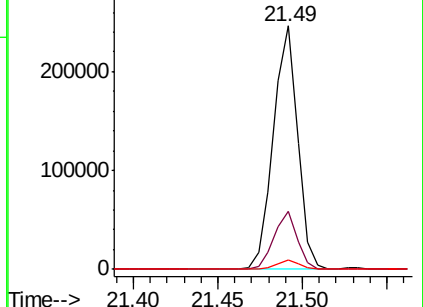
279 3.9 3.4 5.0



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: 43.695 ng

RT: 22.39 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

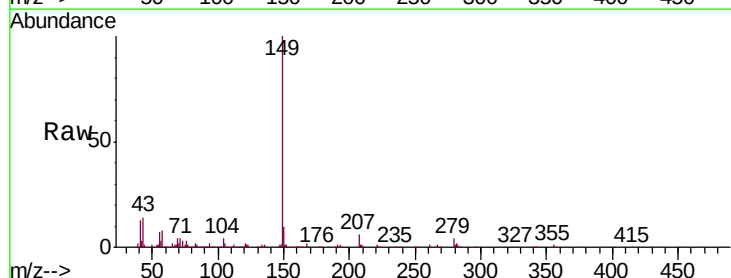
Tgt Ion:149 Resp: 413448

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

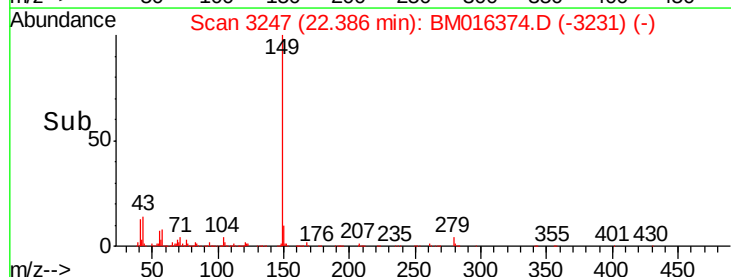
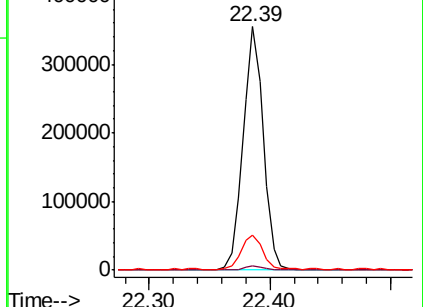
43 14.6 7.3 10.9#

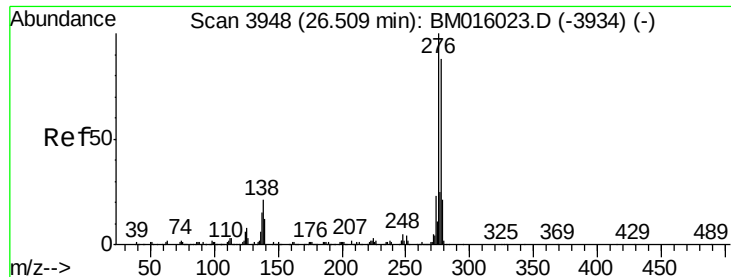


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.674 ng

RT: 26.32 min Scan# 3916

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

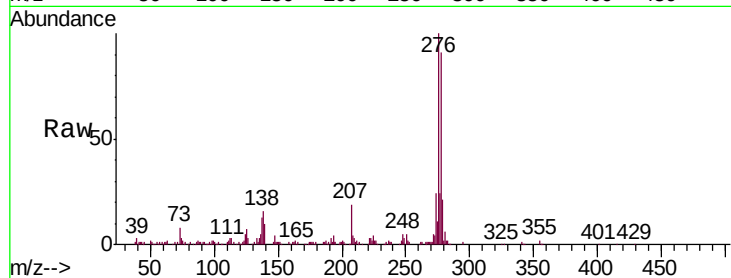
Tgt Ion:276 Resp: 372823

Ion Ratio Lower Upper

276 100

138 16.8 12.0 18.0

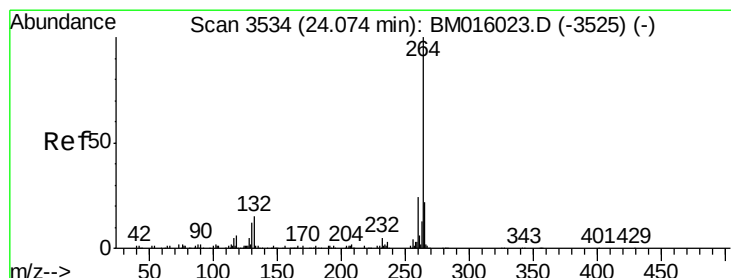
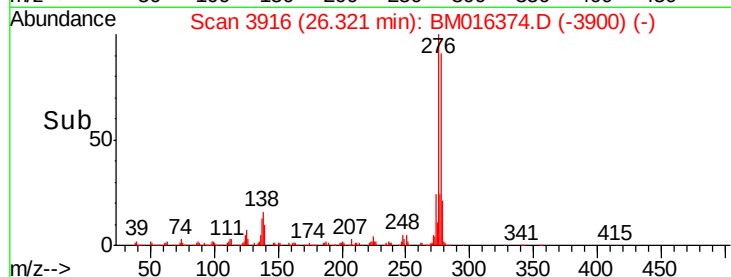
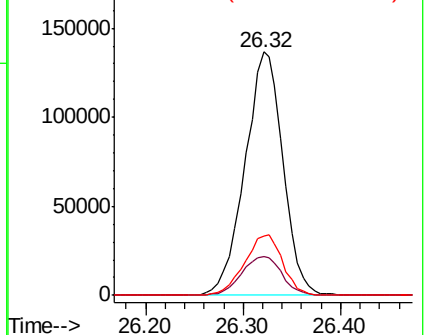
277 25.0 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.94 min Scan# 3512

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

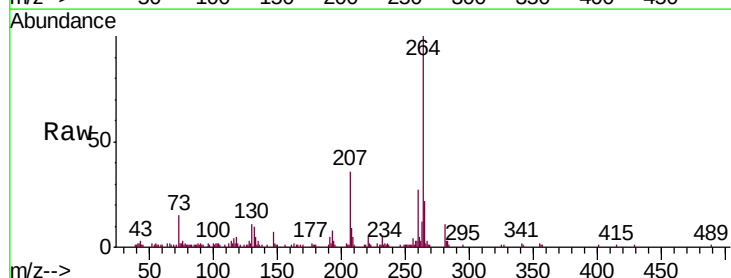
Tgt Ion:264 Resp: 130417

Ion Ratio Lower Upper

264 100

260 26.7 18.6 27.8

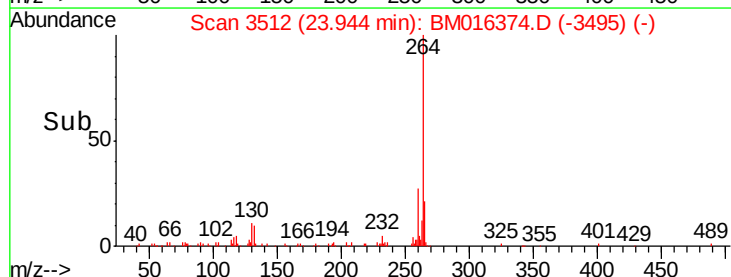
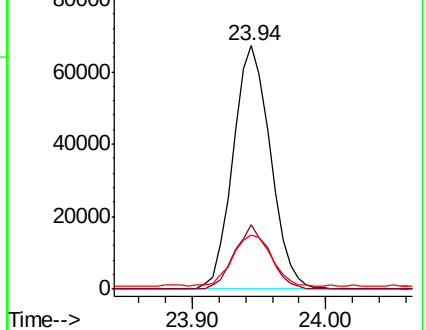
265 22.0 17.3 25.9

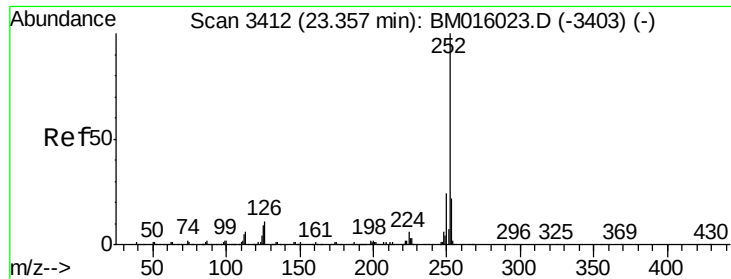


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

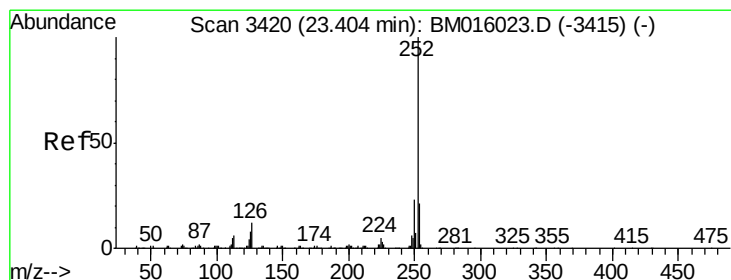
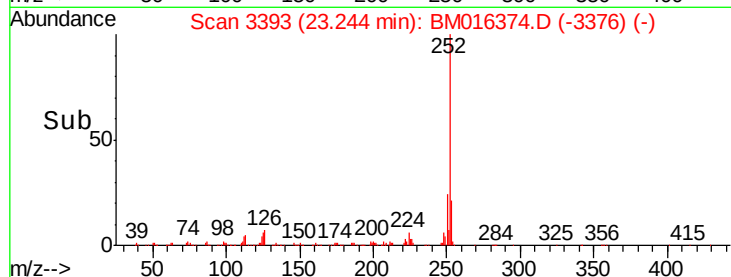
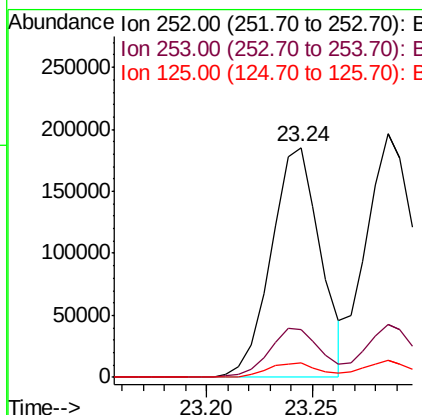
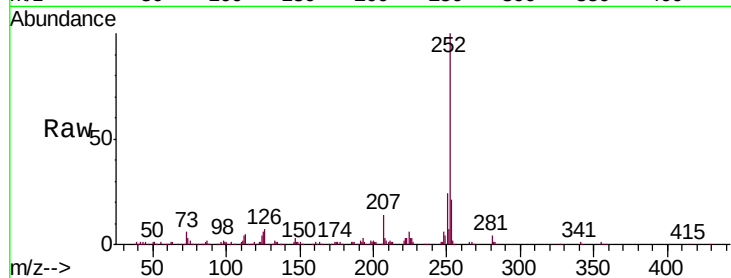




#87
Benzo(b)fluoranthene
Concen: 39.205 ng
RT: 23.24 min Scan# 3393
Delta R.T. 0.00 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

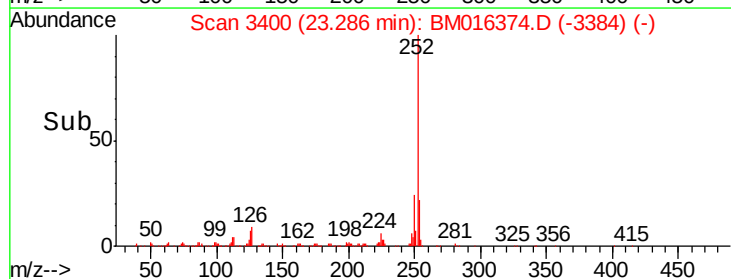
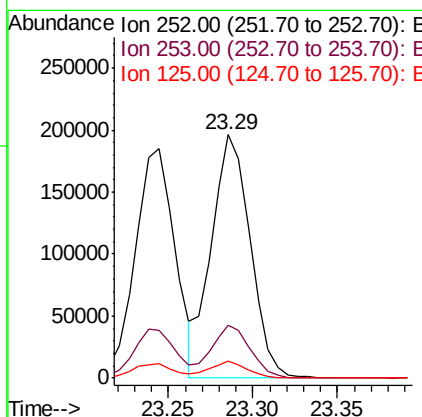
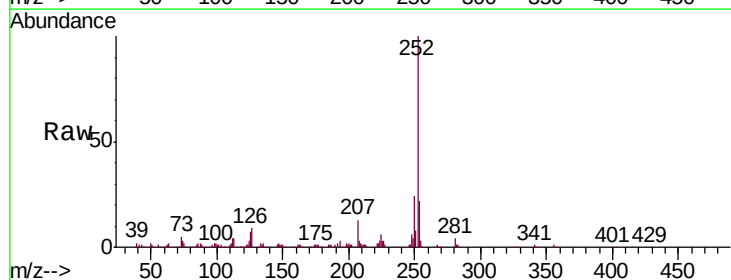
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

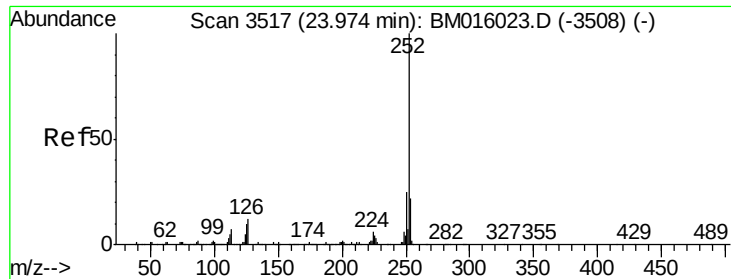
Tgt Ion:	252	Resp:	301039
Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.0	27.0
125	6.1	9.9	14.9#



#88
Benzo(k)fluoranthene
Concen: 40.145 ng
RT: 23.29 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BM016374.D
Acq: 15 Aug 2018 11:17

Tgt Ion:	252	Resp:	312408
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	6.8	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 39.689 ng

RT: 23.84 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

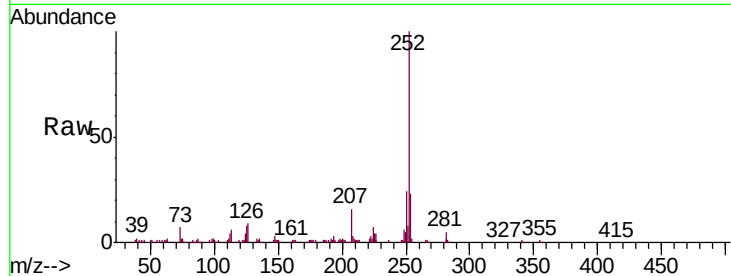
Instrument :

BNA_M

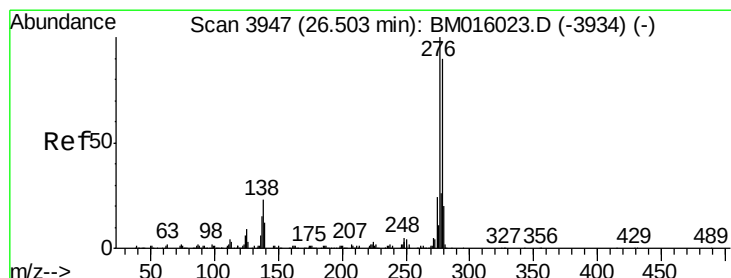
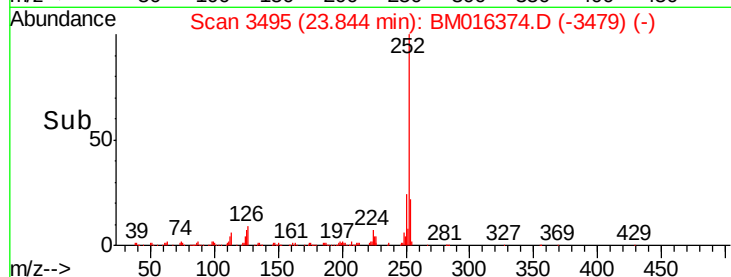
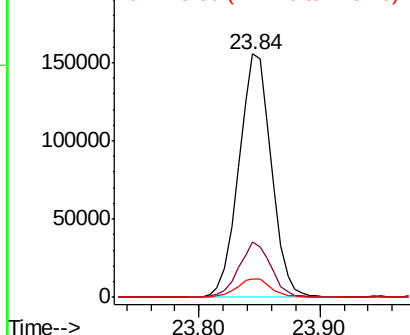
ClientSampleId :

SSTDCCC040

Tgt Ion:	252	Resp:	292978
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	7.7	7.4	11.2



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



#90

Dibenzo(a,h)anthracene

Concen: 41.621 ng

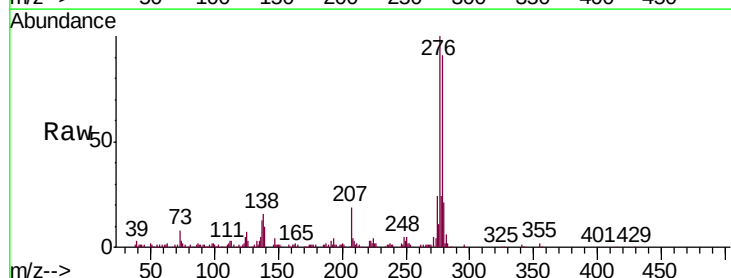
RT: 26.32 min Scan# 3916

Delta R.T. -0.01 min

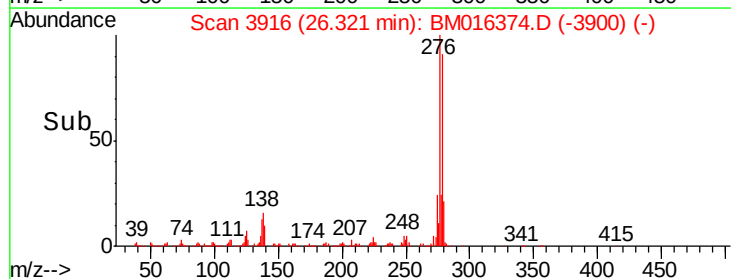
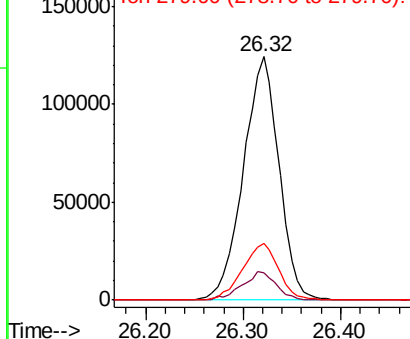
Lab File: BM016374.D

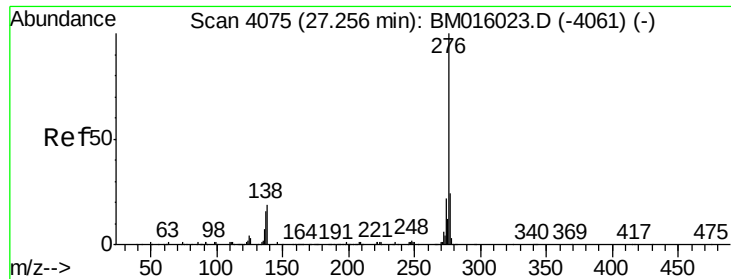
Acq: 15 Aug 2018 11:17

Tgt Ion:	278	Resp:	318319
Ion	Ratio	Lower	Upper
278	100		
139	11.0	13.4	20.0#
279	23.5	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 39.652 ng
 RT: 27.06 min Scan# 4041
 Delta R.T. 0.00 min
 Lab File: BM016374.D
 Acq: 15 Aug 2018 11:17

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	13.9	19.0	28.6

