

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081018\
 Data File : BM016299.D
 Acq On : 10 Aug 2018 16:58
 Operator : SJ/JU
 Sample : PB111942BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 11 04:17:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 10 18:44:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	30823	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	119630	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	57221	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	112201	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	125996	20.00	ng	-0.01
86) Perylene-d12	23.96	264	139477	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	308751	166.39	ng	0.00
7) Phenol-d6	7.30	99	364353	150.36	ng	0.00
23) Nitrobenzene-d5	9.32	82	207042	80.50	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	103779	143.00	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	392891	83.54	ng	-0.01
78) Terphenyl-d14	20.08	244	490628	81.51	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	38577	44.373	ng	# 100
3) Pyridine	3.88	79	84024	40.119	ng	# 69
4) n-Nitrosodimethylamine	3.80	42	85287	52.210	ng	# 34
6) Aniline	7.46	93	78450	28.117	ng	# 87
8) 2-Chlorophenol	7.69	128	91116	41.317	ng	99
9) Benzaldehyde	7.27	77	43061	25.292	ng	82
10) Phenol	7.33	94	97855	40.385	ng	97
11) bis(2-Chloroethyl)ether	7.55	93	75047	39.205	ng	86
12) 1,3-Dichlorobenzene	8.01	146	101289	39.238	ng	# 86
13) 1,4-Dichlorobenzene	8.16	146	103031	39.355	ng	# 95
14) 1,2-Dichlorobenzene	8.48	146	98509	38.455	ng	94
15) Benzyl Alcohol	8.39	79	77315	40.070	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.65	45	103577	35.355	ng	96
17) 2-Methylphenol	8.59	107	67419	40.708	ng	# 82
18) Hexachloroethane	9.20	117	47238	41.742	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	65638	37.059	ng	# 70
20) 3+4-Methylphenols	8.92	107	86359	36.242	ng	87
22) Acetophenone	8.97	105	130036	43.168	ng	# 81
24) Nitrobenzene	9.36	77	106801	41.252	ng	98
25) Isophorone	9.88	82	168126	47.788	ng	# 93
26) 2-Nitrophenol	10.07	139	44021	40.732	ng	# 50
27) 2,4-Dimethylphenol	10.12	122	72744	48.312	ng	# 74
28) bis(2-Chloroethoxy)methane	10.35	93	93892	41.061	ng	99
29) 2,4-Dichlorophenol	10.60	162	74862	41.841	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	85489	39.325	ng	# 93
31) Naphthalene	10.99	128	252375	41.683	ng	98
32) Benzoic acid	10.30	122	41723	36.350	ng	85
33) 4-Chloroaniline	11.12	127	61636	24.947	ng	# 86
34) Hexachlorobutadiene	11.25	225	62942	41.740	ng	94
35) Caprolactam	11.93	113	18926	38.191	ng	# 90
36) 4-Chloro-3-methylphenol	12.25	107	79731	40.515	ng	85
37) 2-Methylnaphthalene	12.59	142	174782	43.094	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	86168	44.232	ng	# 100
40) Hexachlorocyclopentadiene	12.92	237	35375	41.119	ng	97

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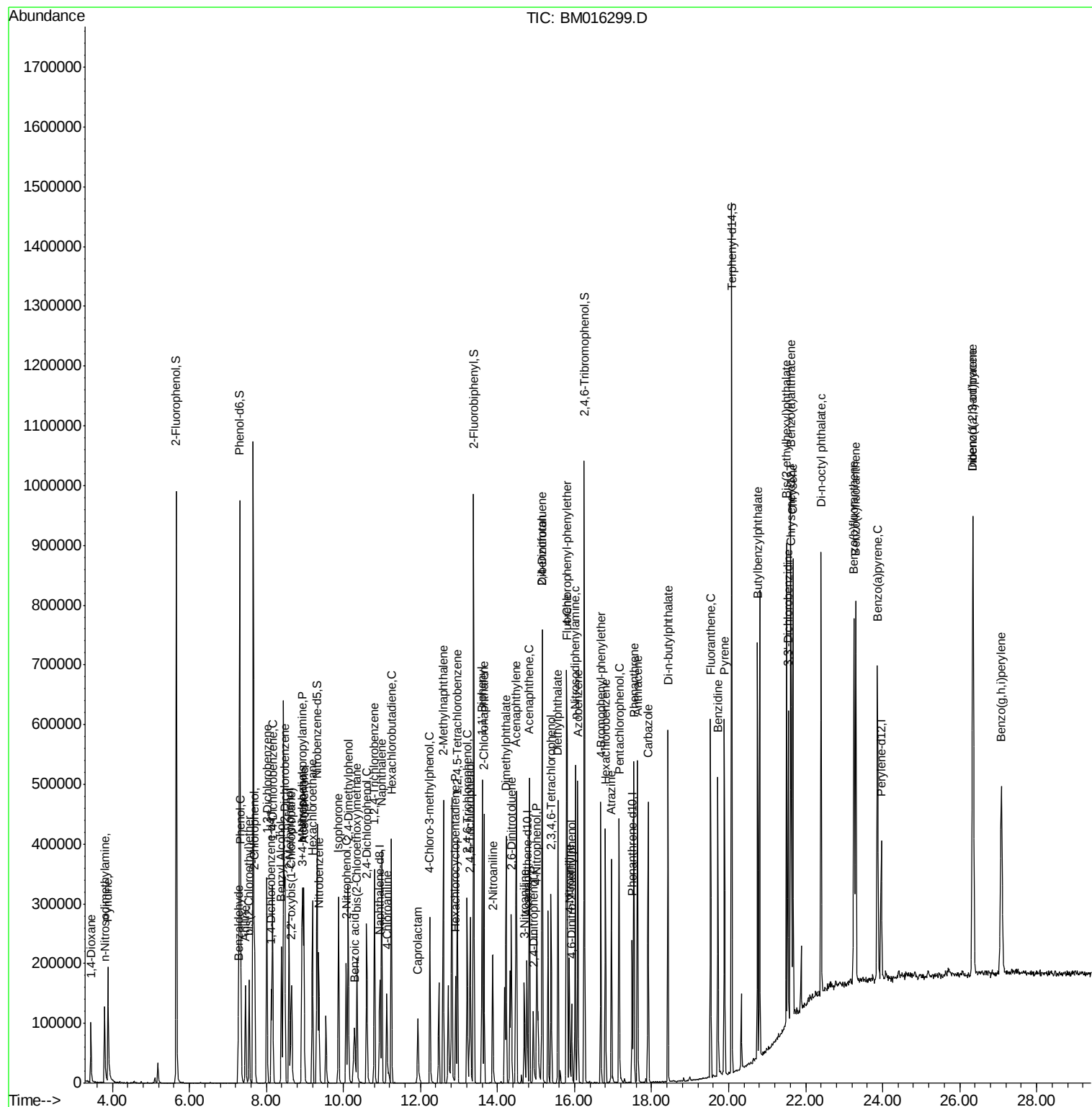
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	52417	43.006	ng	99
43) 2,4,5-Trichlorophenol	13.29	196	56170	44.678	ng	# 81
45) 1,1'-Biphenyl	13.60	154	212401	41.131	ng	99
46) 2-Chloronaphthalene	13.65	162	163965	40.823	ng	# 87
47) 2-Nitroaniline	13.87	65	54846	41.303	ng	# 76
48) Acenaphthylene	14.49	152	259795	44.184	ng	97
49) Dimethylphthalate	14.22	163	210137	41.963	ng	100
50) 2,6-Dinitrotoluene	14.36	165	40858	40.551	ng	# 52
51) Acenaphthene	14.83	154	147253	40.720	ng	94
52) 3-Nitroaniline	14.70	138	32292	29.672	ng	# 81
53) 2,4-Dinitrophenol	14.93	184	21899	52.864	ng	# 69
54) Dibenzofuran	15.16	168	237780	39.902	ng	# 78
55) 4-Nitrophenol	15.02	139	52282	67.014	ng	# 89
56) 2,4-Dinitrotoluene	15.16	165	58506	40.609	ng	# 67
57) Fluorene	15.81	166	183439	41.425	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	44757	41.418	ng	# 100
59) Diethylphthalate	15.57	149	226321	41.930	ng	94
60) 4-Chlorophenyl-phenylether	15.79	204	96976	39.339	ng	# 82
61) 4-Nitroaniline	15.86	138	36054	34.529	ng	# 1
62) Azobenzene	16.09	77	243003	42.748	ng	# 73
64) 4,6-Dinitro-2-methylphenol	15.92	198	19656	28.862	ng	# 79
65) n-Nitrosodiphenylamine	16.02	169	156884	42.463	ng	98
66) 4-Bromophenyl-phenylether	16.69	248	54672	43.032	ng	# 75
67) Hexachlorobenzene	16.80	284	53899	38.523	ng	# 56
68) Atrazine	16.96	200	58147	43.912	ng	98
69) Pentachlorophenol	17.16	266	52215	60.268	ng	95
70) Phenanthrene	17.54	178	267134	42.526	ng	99
71) Anthracene	17.63	178	277054	45.380	ng	98
72) Carbazole	17.91	167	242863	38.399	ng	# 94
73) Di-n-butylphthalate	18.43	149	349016	44.285	ng	# 95
74) Fluoranthene	19.53	202	304156	43.407	ng	98
76) Benzidine	19.72	184	205753	58.438	ng	98
77) Pyrene	19.89	202	310160	41.078	ng	98
79) Butylbenzylphthalate	20.76	149	168608	43.957	ng	# 81
80) Benzo(a)anthracene	21.62	228	348605	44.922	ng	99
81) 3,3'-Dichlorobenzidine	21.54	252	104818	33.534	ng	98
82) Chrysene	21.67	228	322049	43.263	ng	98
83) Bis(2-ethylhexyl)phthalate	21.50	149	250373	45.040	ng	93
84) Di-n-octyl phthalate	22.40	149	437176	46.792	ng	# 88
85) Indeno(1,2,3-cd)pyrene	26.34	276	447509	50.660	ng	# 96
87) Benzo(b)fluoranthene	23.26	252	363598	44.276	ng	# 95
88) Benzo(k)fluoranthene	23.30	252	354582	42.605	ng	# 96
89) Benzo(a)pyrene	23.86	252	359514	45.539	ng	98
90) Dibenzo(a,h)anthracene	26.34	278	378019	46.216	ng	# 95
91) Benzo(g,h,i)perylene	27.09	276	359548	46.477	ng	# 91

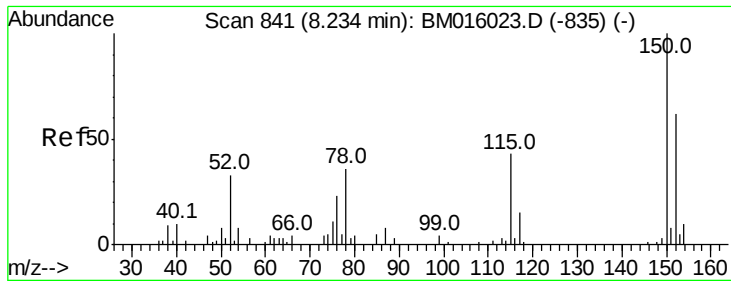
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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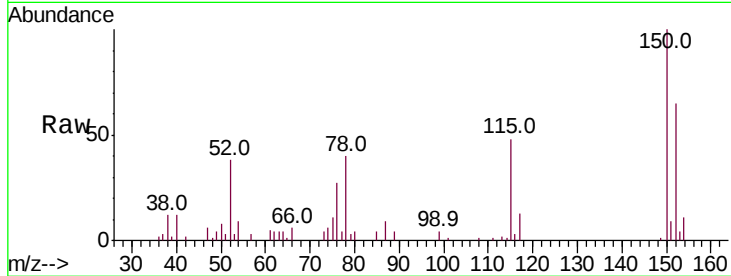


#1

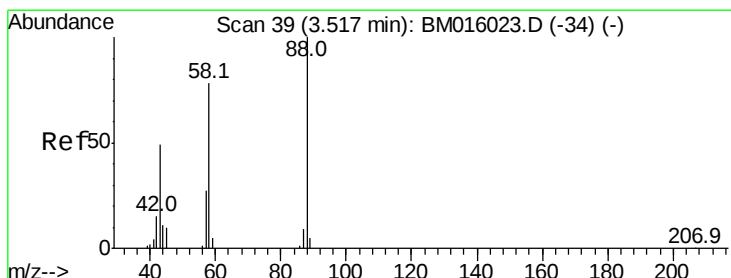
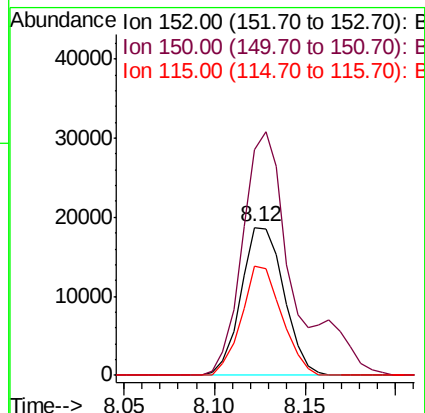
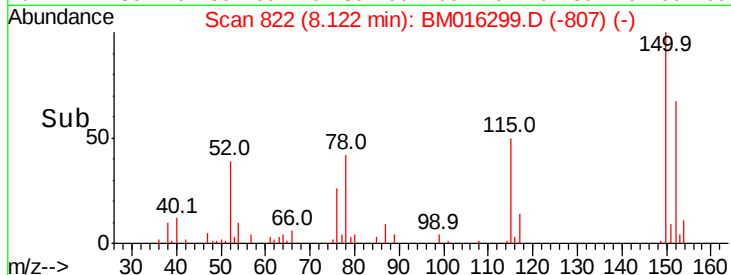
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:152 Resp: 30823
 Ion Ratio Lower Upper
 152 100
 150 153.3 119.5 179.3
 115 73.7 43.0 64.4#



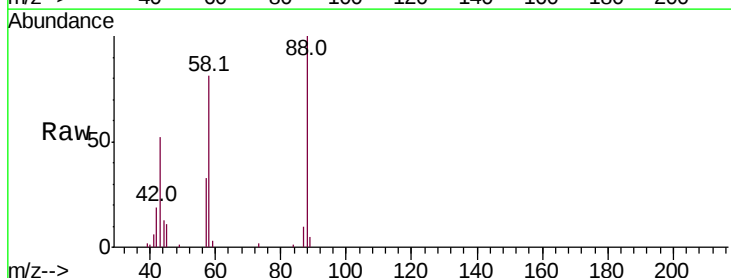
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



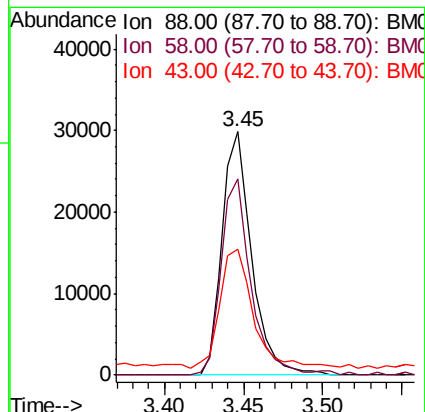
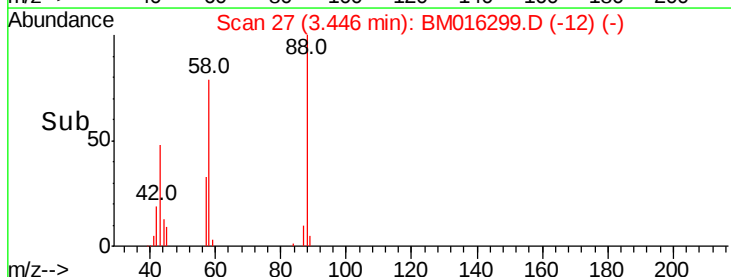
#2

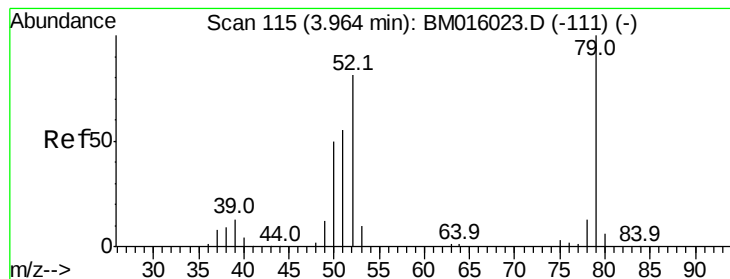
1,4-Dioxane
 Concen: 44.373 ng
 RT: 3.45 min Scan# 27
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Tgt Ion: 88 Resp: 38577
 Ion Ratio Lower Upper
 88 100
 58 82.2 0.0 0.0#
 43 54.7 0.0 0.0#



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





#3

Pvridine

Concen: 40.119 ng

RT: 3.88 min Scan# 101

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

Instrument :

BNA_M

ClientSampleId :

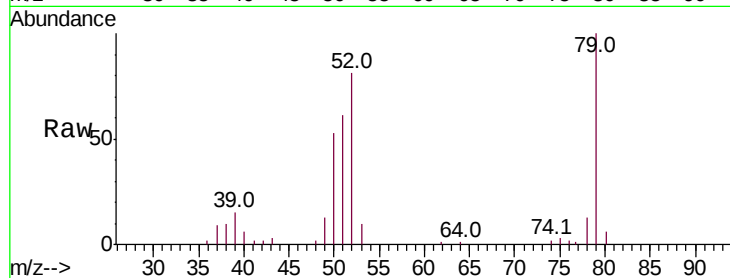
Tot Ion: 79 Resp: 84024

Ion Ratio Lower Upper

79 100

52 80.9 51.1 76.7#

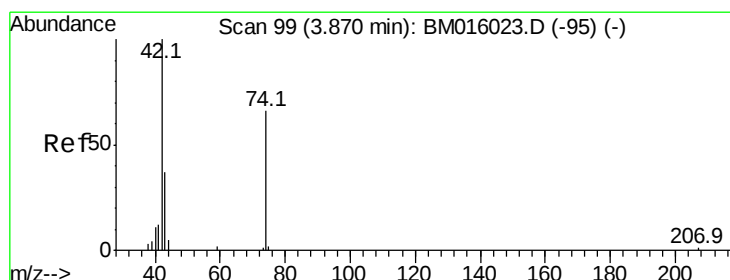
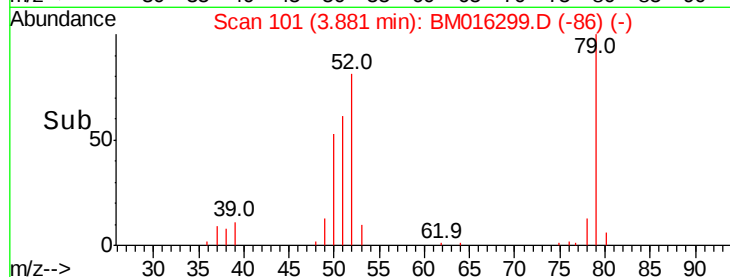
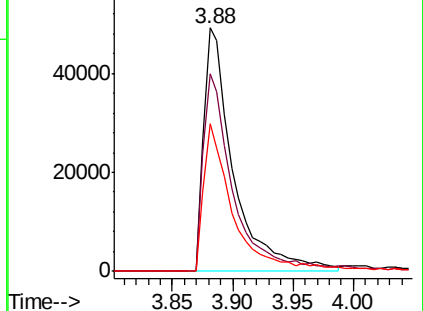
51 60.8 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016299.D (-111) (-)

Ion 52.00 (51.70 to 52.70): BM016299.D (-111) (-)

Ion 51.00 (50.70 to 51.70): BM016299.D (-111) (-)



#4

n-Nitrosodimethylamine

Concen: 52.210 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

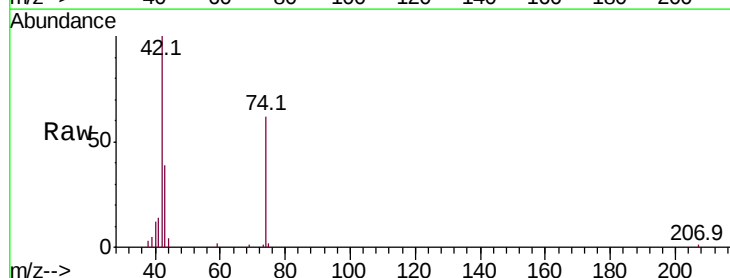
Tgt Ion: 42 Resp: 85287

Ion Ratio Lower Upper

42 100

74 62.5 119.3 178.9#

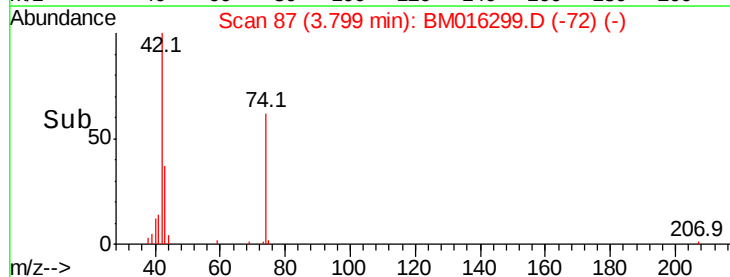
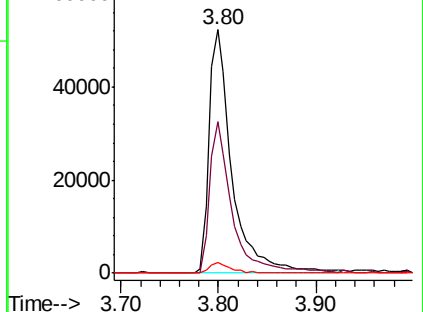
44 4.2 5.4 8.2#

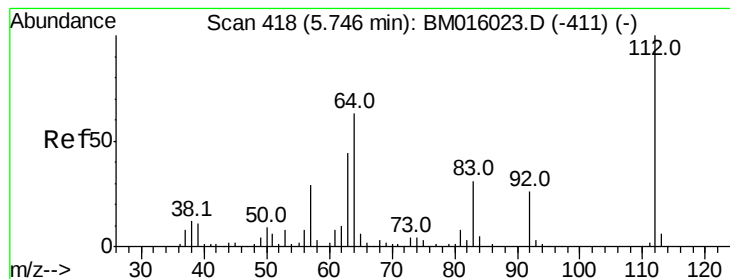


Abundance Ion 42.00 (41.70 to 42.70): BM016299.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BM016299.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BM016299.D (-72) (-)





#5

2-Fluorophenol

Concen: 52.210 ng

RT: 5.66 min Scan# 403

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

Instrument :

BNA_M

ClientSampled :

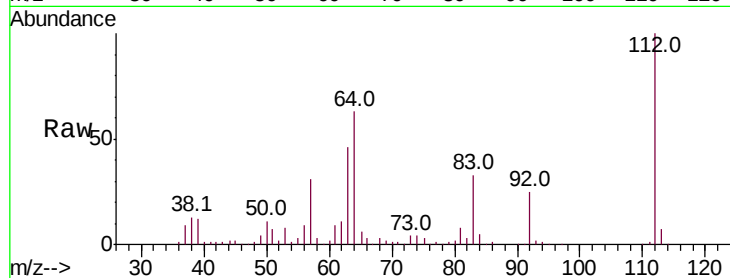
Tot Ion:112 Resp: 308751

Ion Ratio Lower Upper

112 100

64 62.9 38.6 57.8#

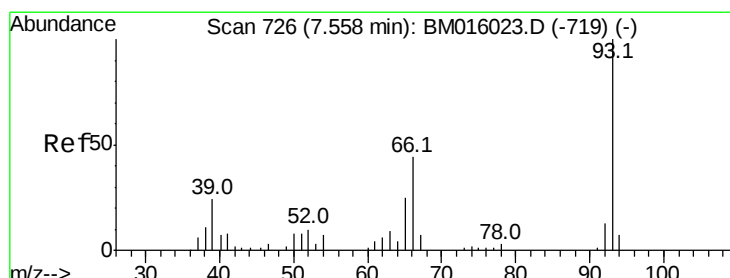
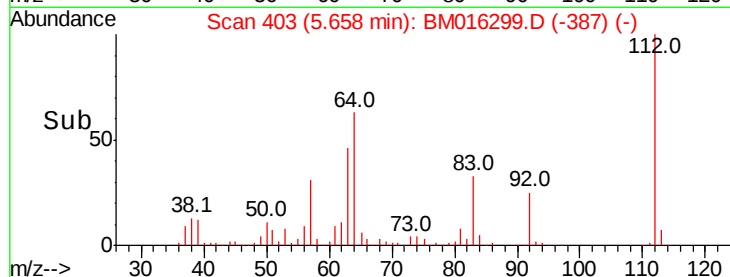
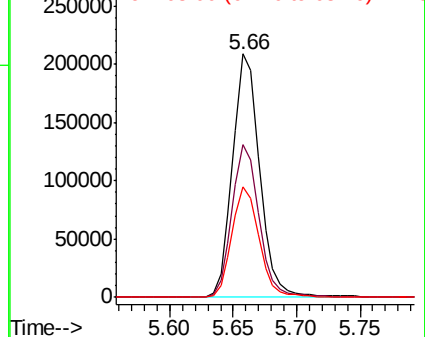
63 45.6 19.3 28.9#



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: 28.117 ng

RT: 7.46 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

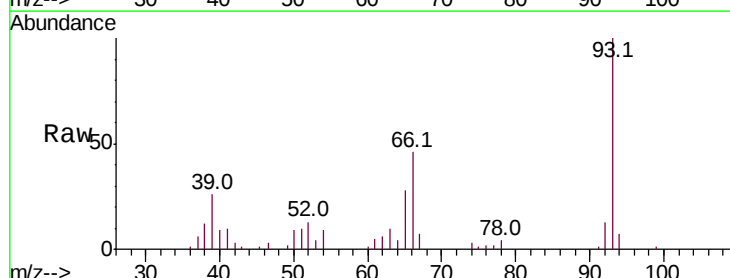
Tgt Ion: 93 Resp: 78450

Ion Ratio Lower Upper

93 100

66 45.6 30.8 46.2

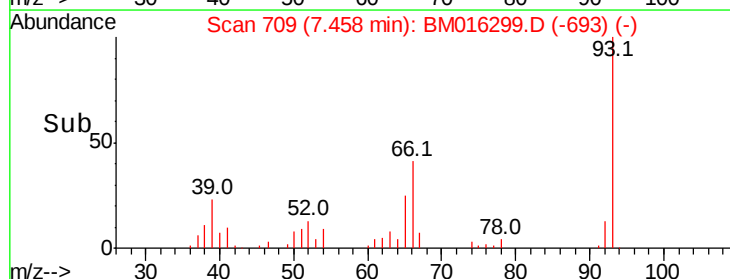
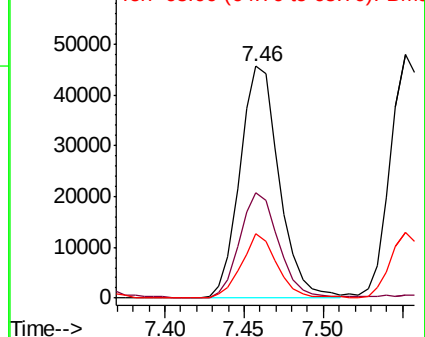
65 27.8 16.0 24.0#

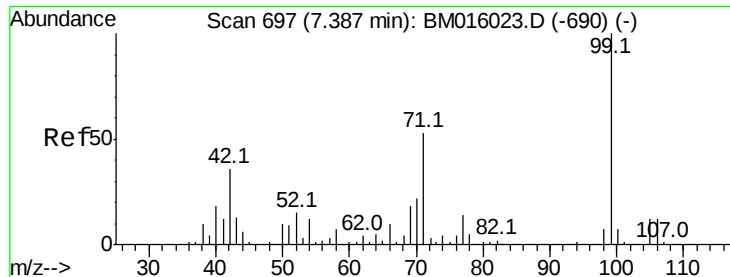


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 28.117 ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016299.D

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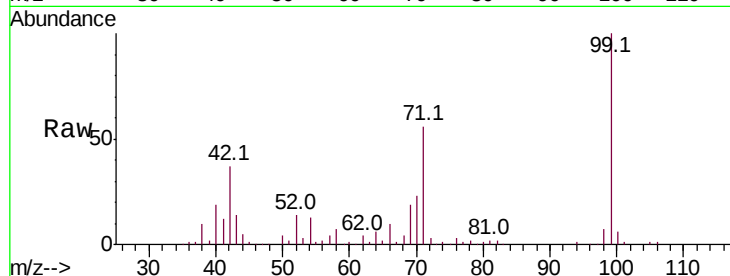
Tot Ion: 99 Resp: 364353

Ion Ratio Lower Upper

99 100

42 37.3 11.0 16.4#

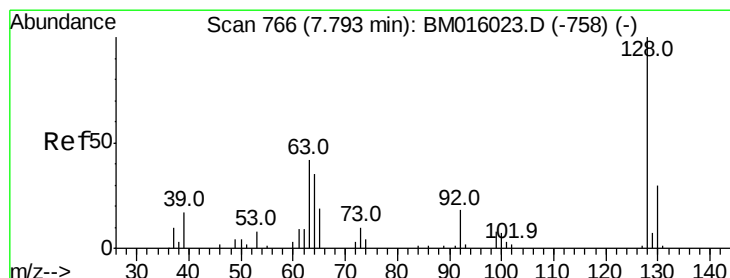
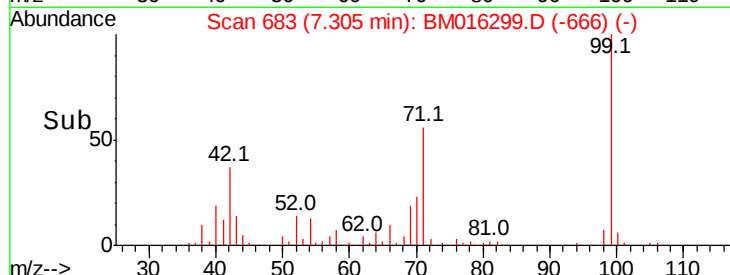
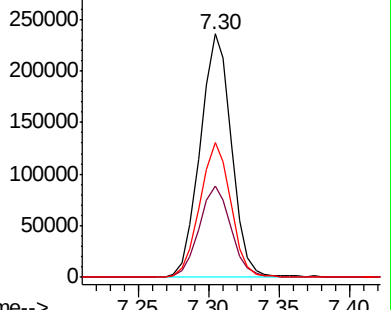
71 55.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#8

2-Chlorophenol

Concen: 41.317 ng

RT: 7.69 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

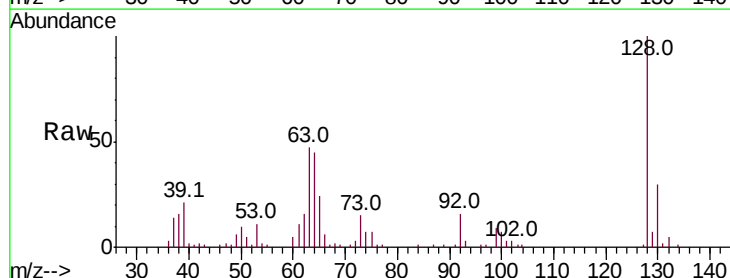
Tgt Ion: 128 Resp: 91116

Ion Ratio Lower Upper

128 100

130 30.4 12.0 52.0

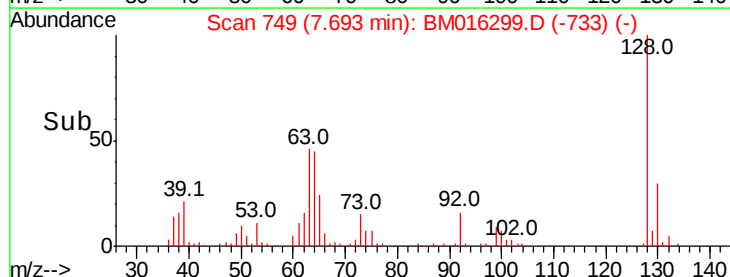
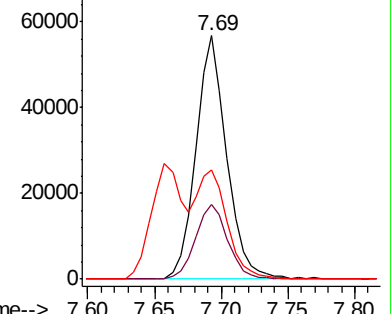
64 45.0 24.9 64.9

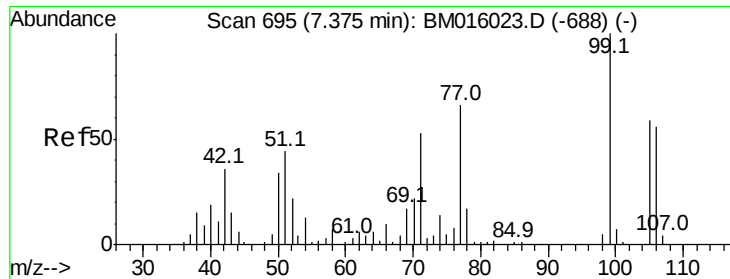


Abundance Ion 128.00 (127.70 to 128.70): BM016023.D (-758) (-)

Ion 130.00 (129.70 to 130.70): BM016023.D (-758) (-)

Ion 64.00 (63.70 to 64.70): BM016023.D (-758) (-)





#9

Benzaldehyde

Concen: 25.292 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

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Acq: 10 Aug 2018 16:58

Instrument :

BNA_M

ClientSampled :

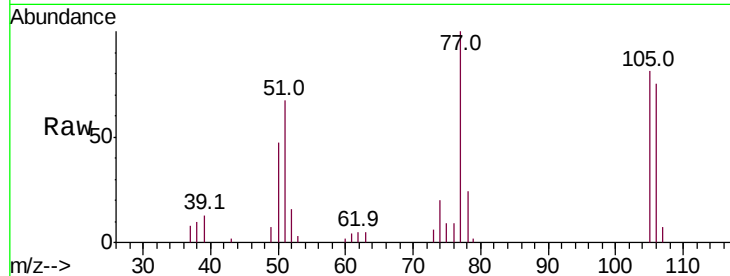
Tot Ion: 77 Resp: 43061

Ion Ratio Lower Upper

77 100

105 80.9 78.8 118.8

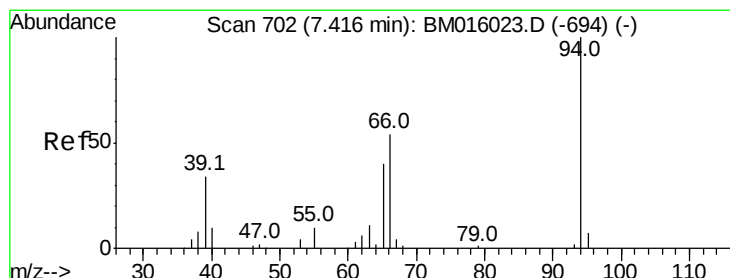
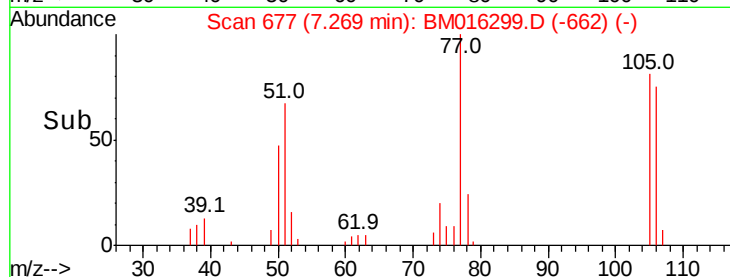
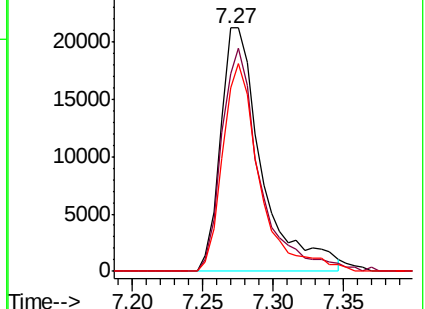
106 75.4 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016299.D (-677) (-)

Ion 105.00 (104.70 to 105.70): BM016299.D (-677) (-)

Ion 106.00 (105.70 to 106.70): BM016299.D (-677) (-)



#10

Phenol

Concen: 40.385 ng

RT: 7.33 min Scan# 688

Delta R.T. 0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

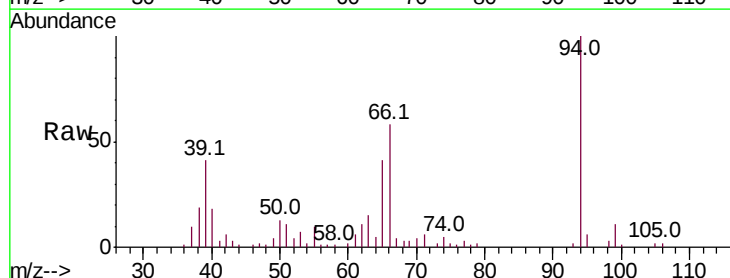
Tgt Ion: 94 Resp: 97855

Ion Ratio Lower Upper

94 100

65 40.9 18.8 58.8

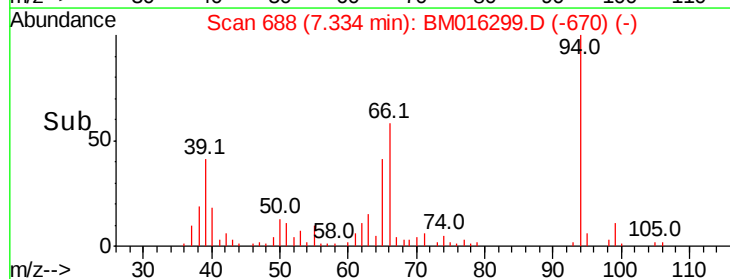
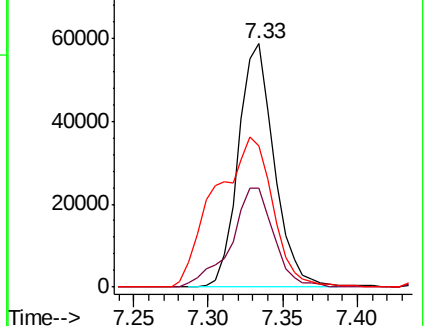
66 58.2 39.9 79.9

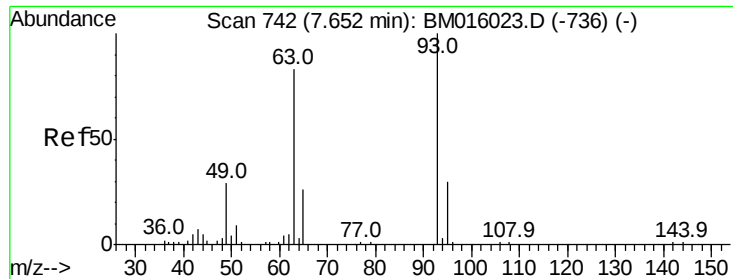


Abundance Ion 94.00 (93.70 to 94.70): BM016299.D (-688) (-)

Ion 65.00 (64.70 to 65.70): BM016299.D (-688) (-)

Ion 66.00 (65.70 to 66.70): BM016299.D (-688) (-)

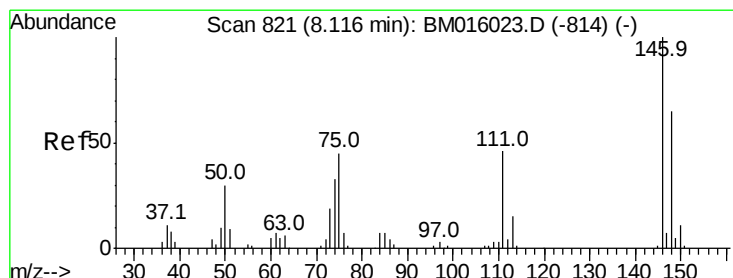
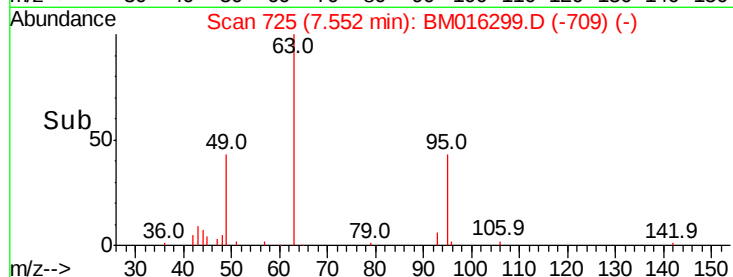
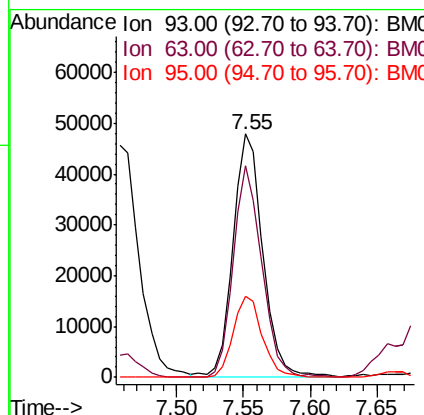
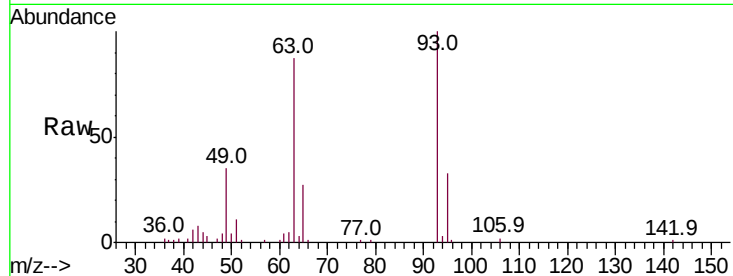




#11
 bis(2-Chloroethyl)ether
 Concen: 39.205 ng
 RT: 7.55 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

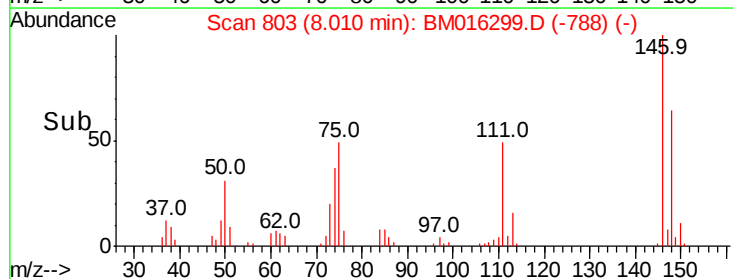
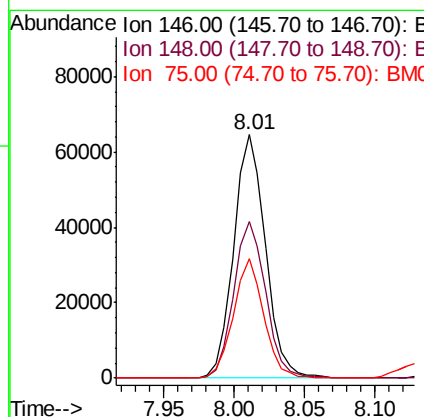
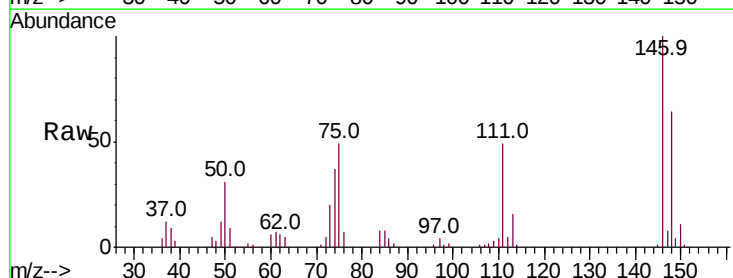
Instrument :
 BNA_M
 ClientSampleId :

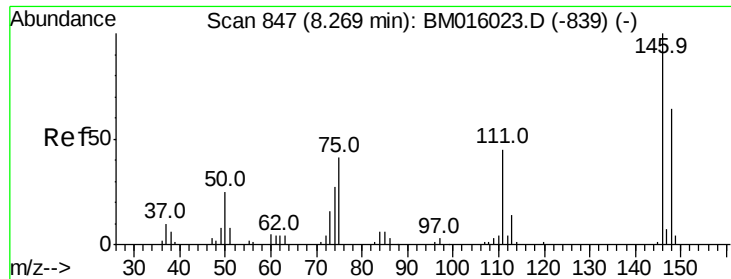
Tot Ion: 93 Resp: 75047
 Ion Ratio Lower Upper
 93 100
 63 86.9 49.5 89.5
 95 33.3 13.5 53.5



#12
 1,3-Dichlorobenzene
 Concen: 39.238 ng
 RT: 8.01 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Tgt Ion: 146 Resp: 101289
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.9 76.3
 75 49.2 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 39.355 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM016299.D

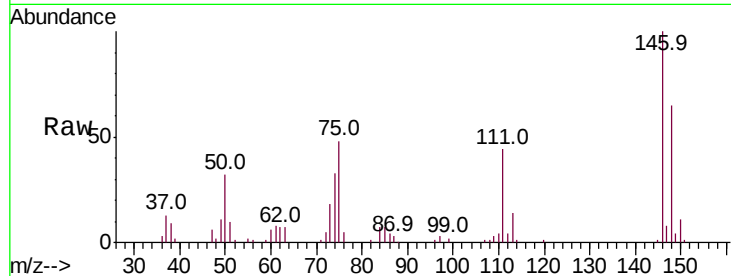
Acq: 10 Aug 2018 16:58

Instrument :

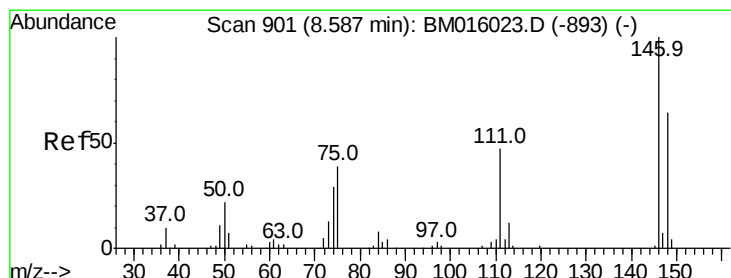
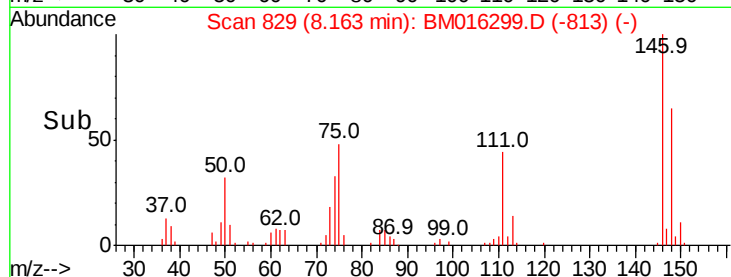
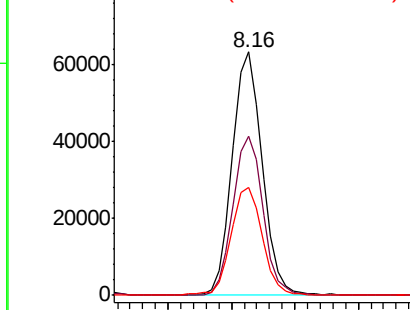
BNA_M

ClientSampled :

Tot Ion:146 Resp: 103031
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.9 77.9
 111 44.4 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: 38.455 ng

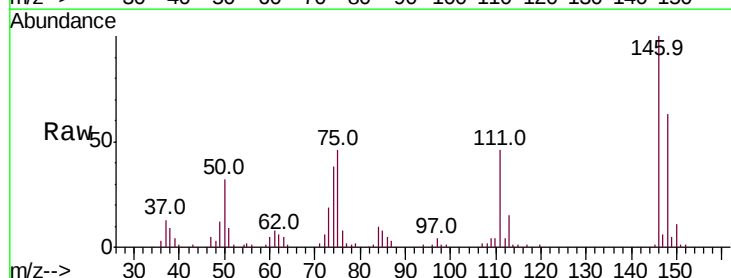
RT: 8.48 min Scan# 883

Delta R.T. -0.01 min

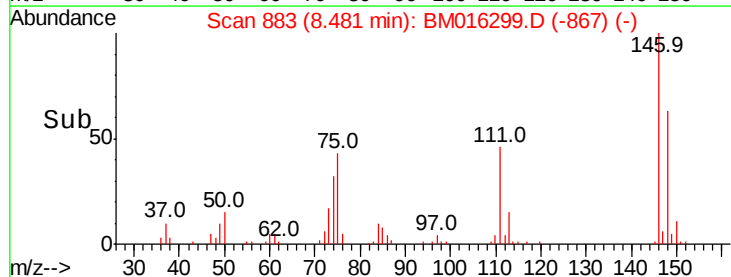
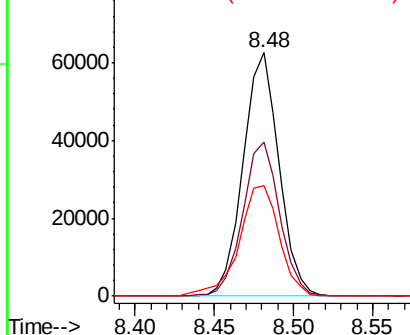
Lab File: BM016299.D

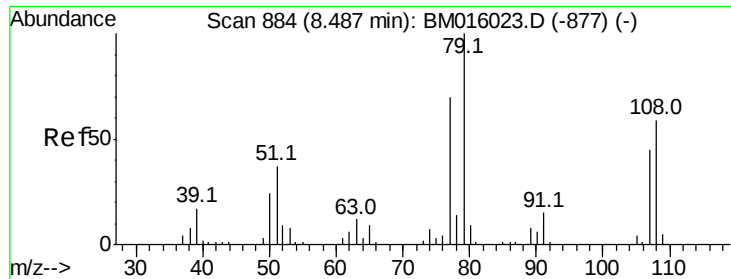
Acq: 10 Aug 2018 16:58

Tgt Ion:146 Resp: 98509
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.3 78.5
 111 45.6 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

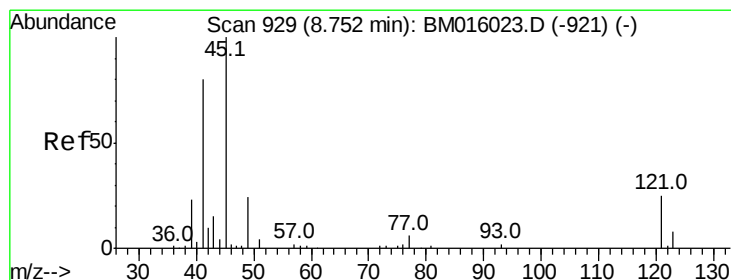
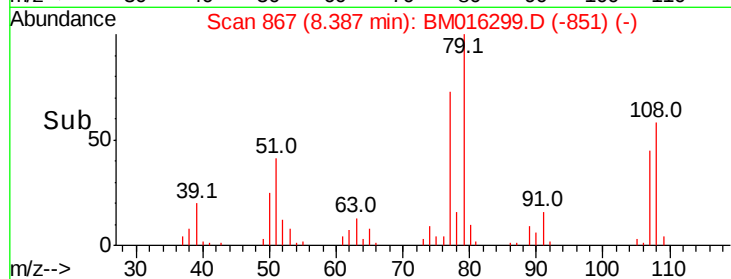
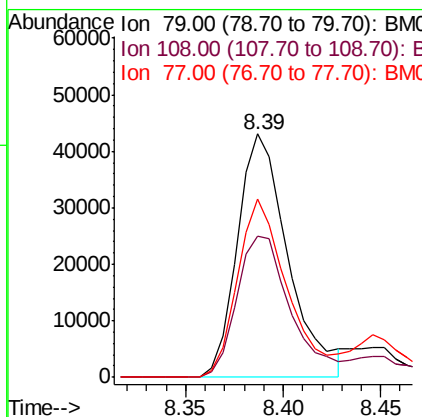
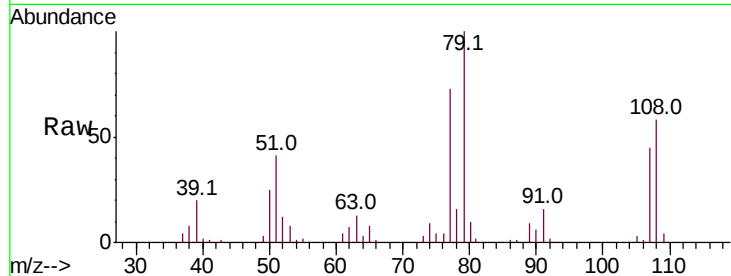




#15
Benzyl Alcohol
Concen: 40.070 ng
RT: 8.39 min Scan# 867
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

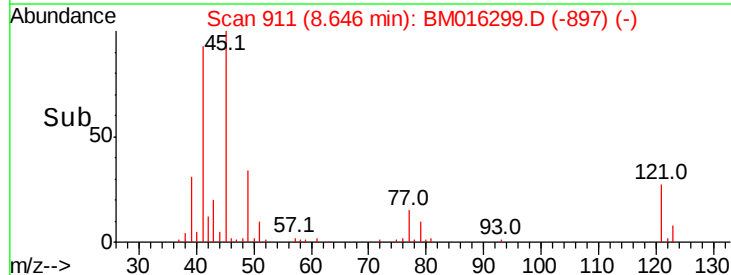
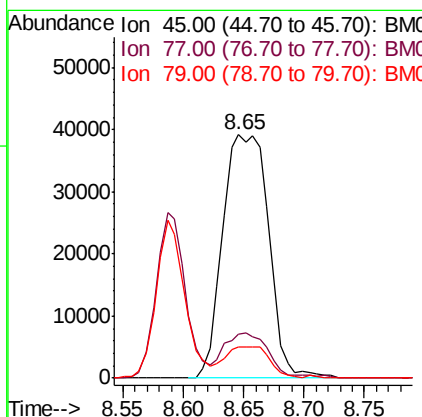
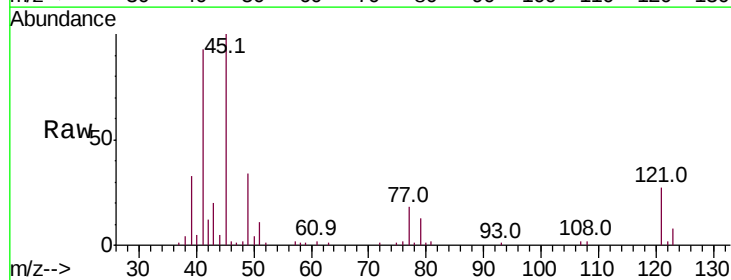
Instrument :
BNA_M
ClientSampled :

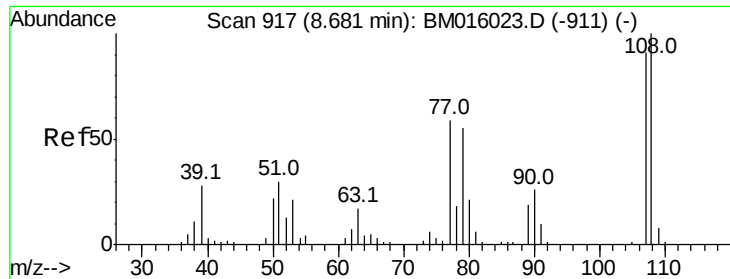
Tot Ion: 79 Resp: 77315
Ion Ratio Lower Upper
79 100
108 57.8 65.0 97.4#
77 73.2 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.355 ng
RT: 8.65 min Scan# 911
Delta R.T. -0.02 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Tgt Ion: 45 Resp: 103577
Ion Ratio Lower Upper
45 100
77 17.9 0.0 35.2
79 12.8 0.0 32.0

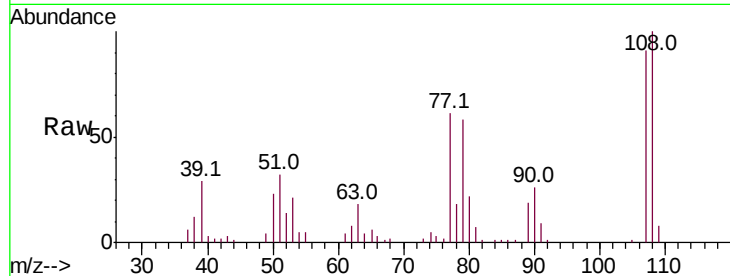




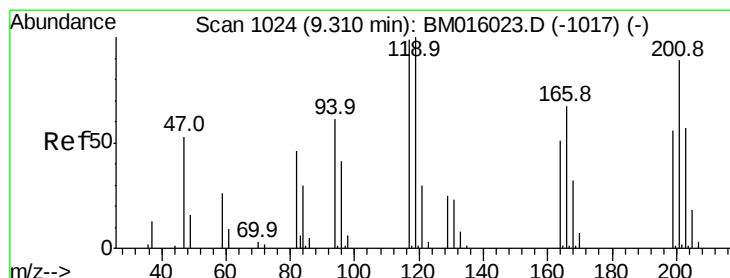
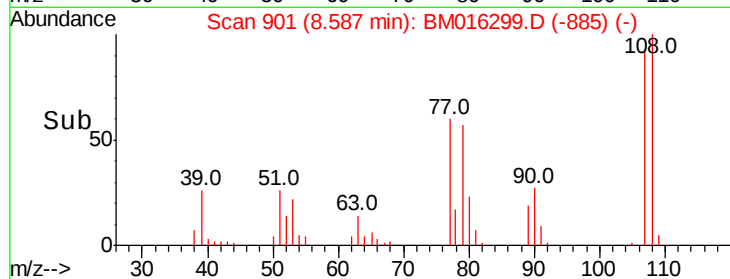
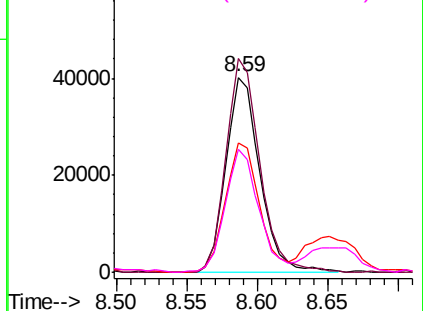
#17
2-Methylphenol
Concen: 40.708 ng
RT: 8.59 min Scan# 901
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Instrument :
BNA_M
ClientSampled :

Tot Ion:107 Resp: 67419
Ion Ratio Lower Upper
107 100
108 109.5 89.8 134.8
77 66.4 32.6 48.8#
79 63.1 32.8 49.2#

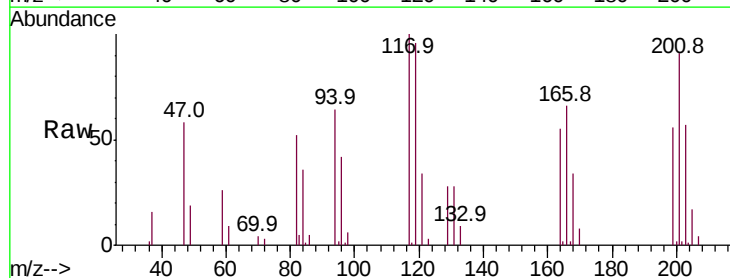


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

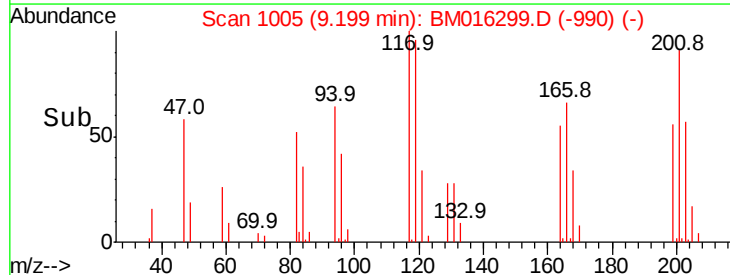
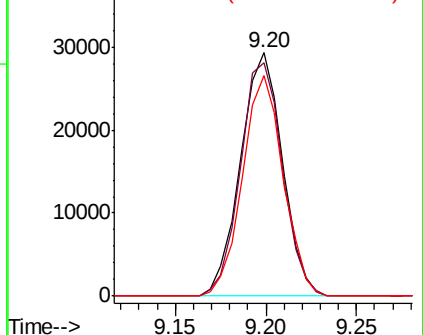


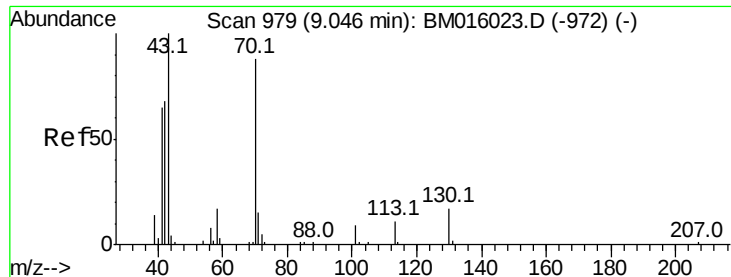
#18
Hexachloroethane
Concen: 41.742 ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Tgt Ion:117 Resp: 47238
Ion Ratio Lower Upper
117 100
119 95.8 79.2 118.8
201 90.8 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

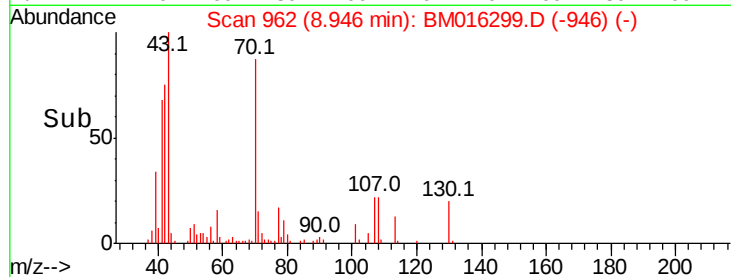
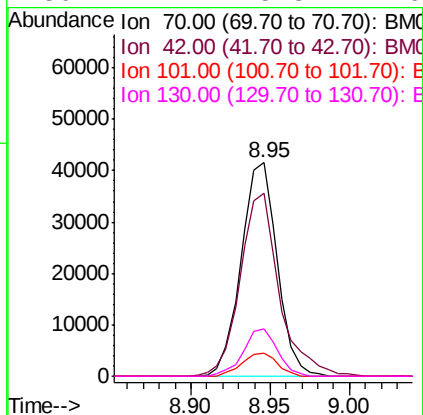
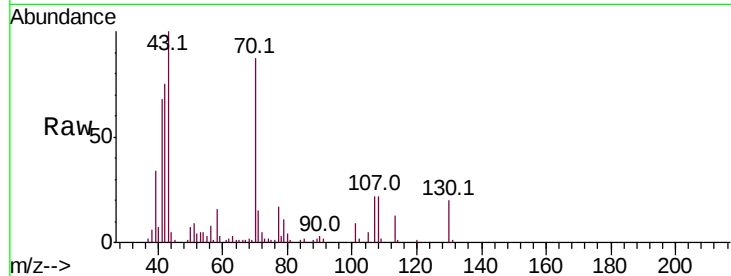




#19
n-Nitroso-di-n-propylamine
Concen: 37.059 ng
RT: 8.95 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

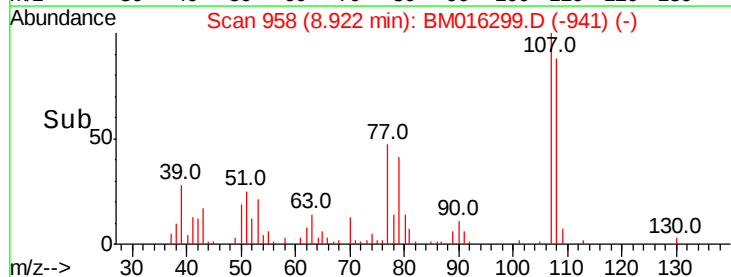
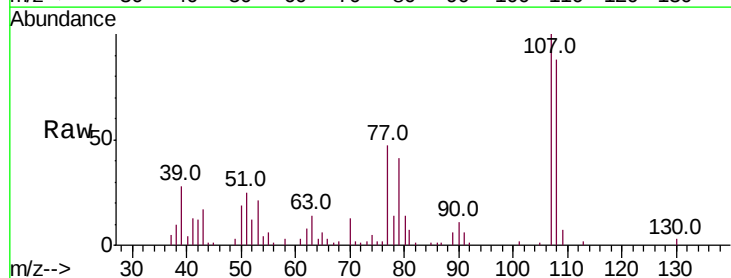
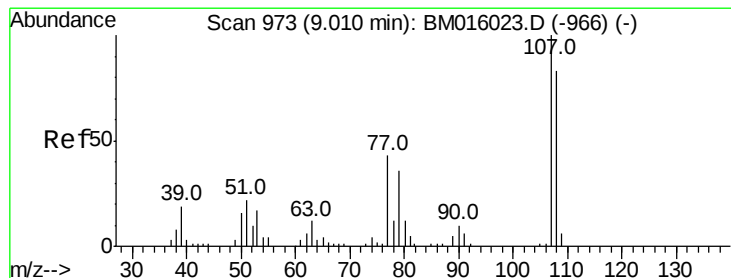
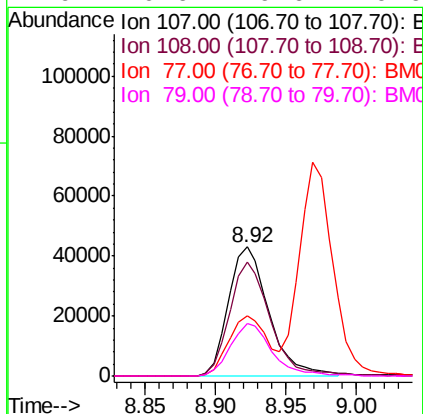
Instrument :
BNA_M
ClientSampleId :

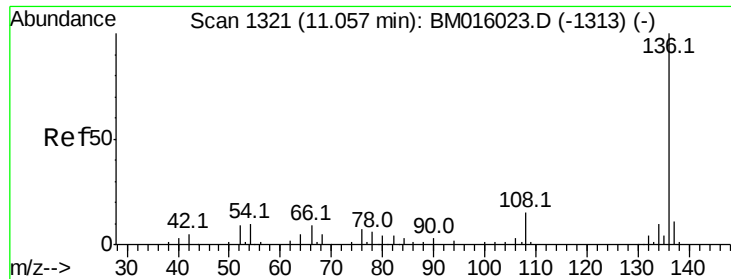
Tot Ion: 70 Resp: 65638
Ion Ratio Lower Upper
70 100
42 85.8 44.5 66.7#
101 10.6 7.4 11.2
130 22.4 15.3 22.9



#20
3+4-Methylphenols
Concen: 36.242 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Tgt Ion: 107 Resp: 86359
Ion Ratio Lower Upper
107 100
108 88.3 73.2 113.2
77 46.6 10.7 50.7
79 40.6 9.6 49.6

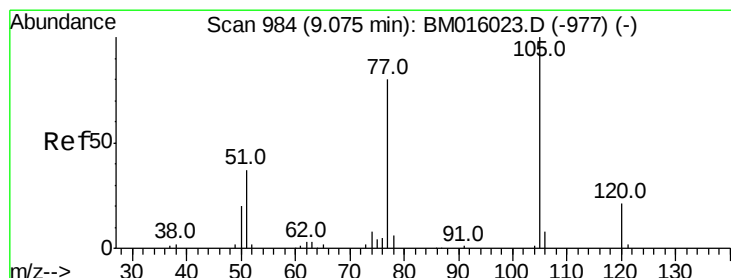
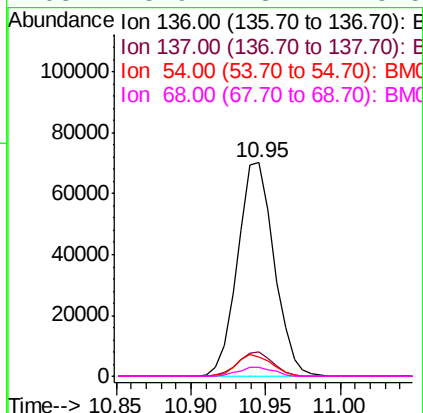
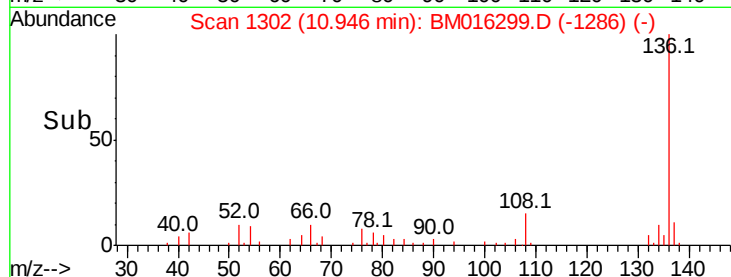
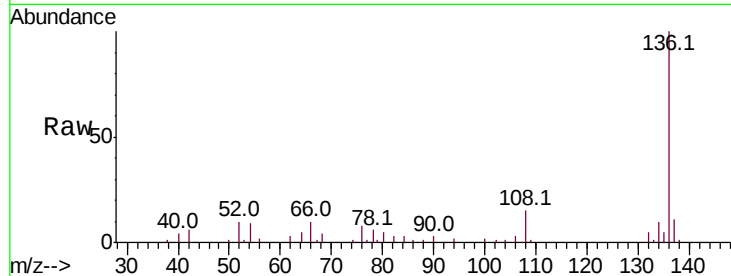




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

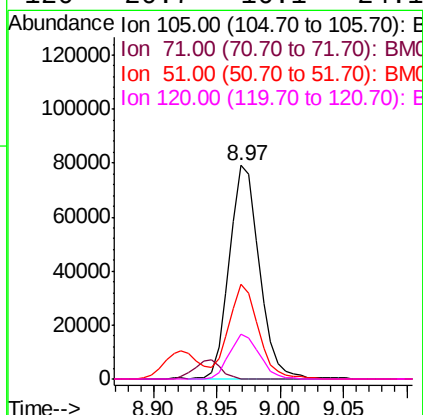
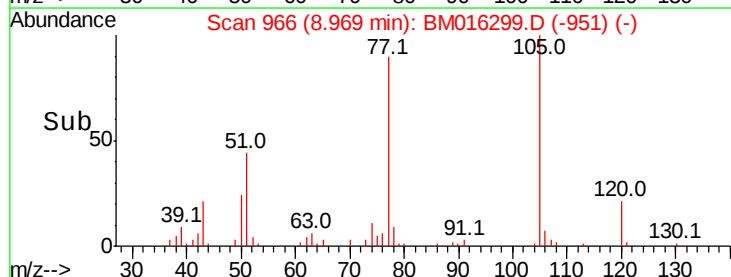
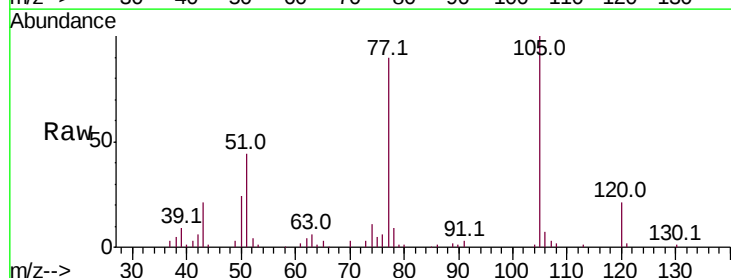
Instrument :
BNA_M
ClientSampleId :

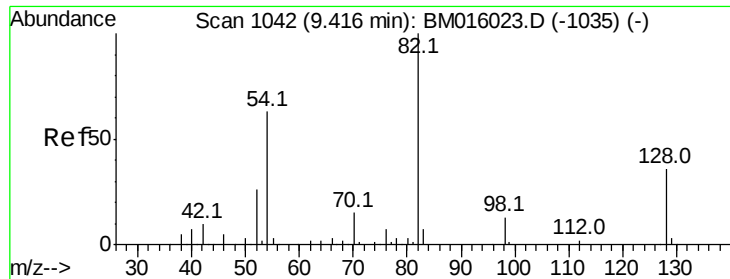
Tot Ion:136	Resp:	119630
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.7 13.1
54	8.7	4.6 6.8#
68	3.9	3.7 5.5



#22
Acetophenone
Concen: 43.168 ng
RT: 8.97 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Tgt Ion:105	Resp:	130036
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.6 1.0#
51	44.4	21.6 32.4#
120	20.7	16.1 24.1

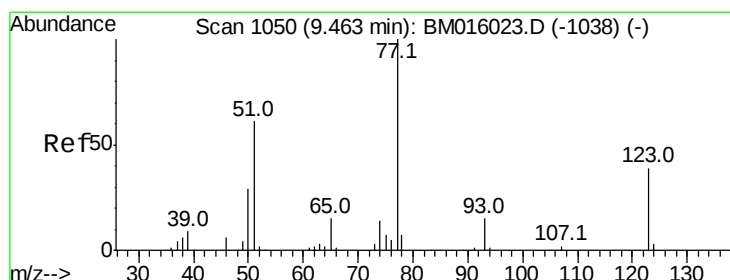
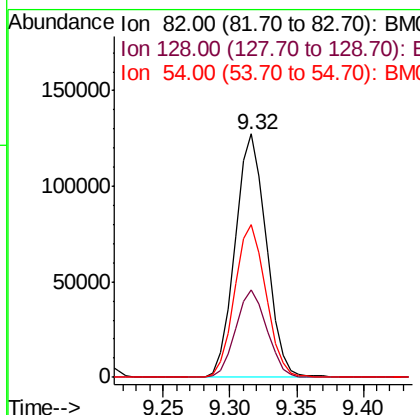
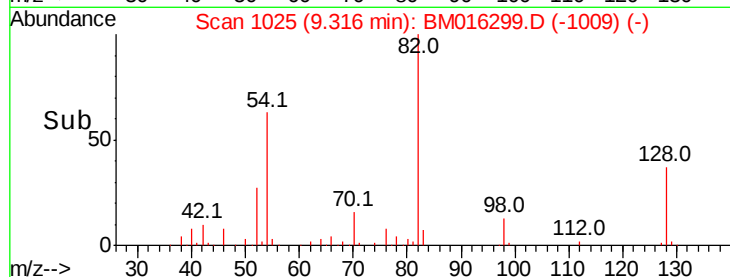
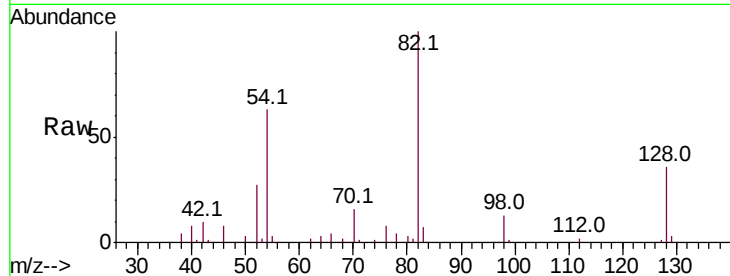




#23
Nitrobenzene-d5
Concen: 43.168 ng
RT: 9.32 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

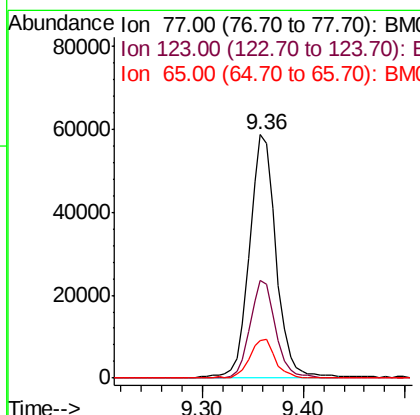
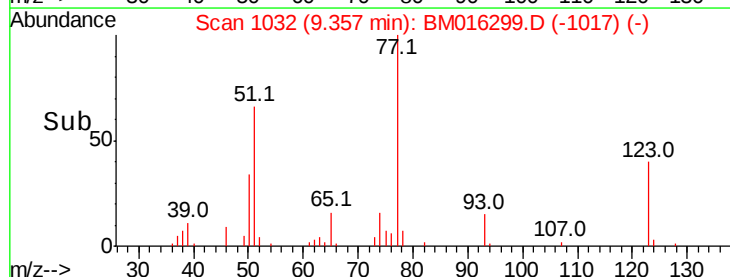
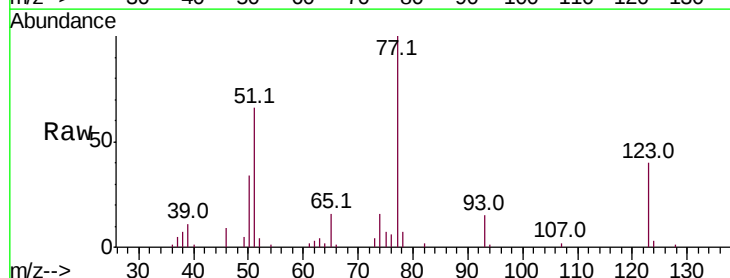
Instrument :
BNA_M
ClientSampleId :

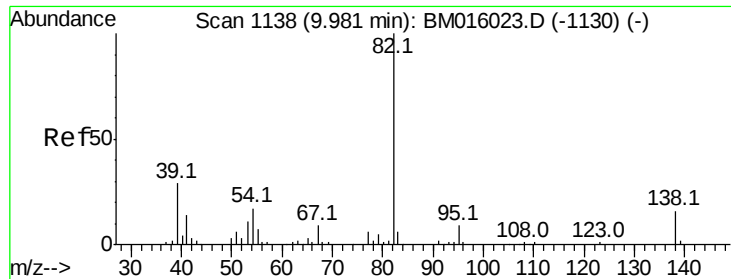
Tot Ion: 82 Resp: 207042
Ion Ratio Lower Upper
82 100
128 36.2 32.8 49.2
54 62.5 40.6 60.8#



#24
Nitrobenzene
Concen: 41.252 ng
RT: 9.36 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Tgt Ion: 77 Resp: 106801
Ion Ratio Lower Upper
77 100
123 40.1 32.6 49.0
65 15.6 10.9 16.3





#25

Isophorone

Concen: 47.788 ng

RT: 9.88 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

Instrument :

BNA_M

ClientSampled :

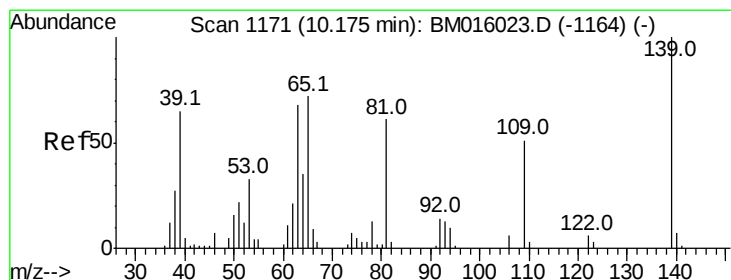
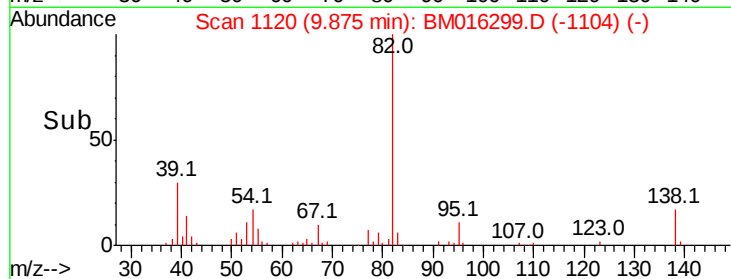
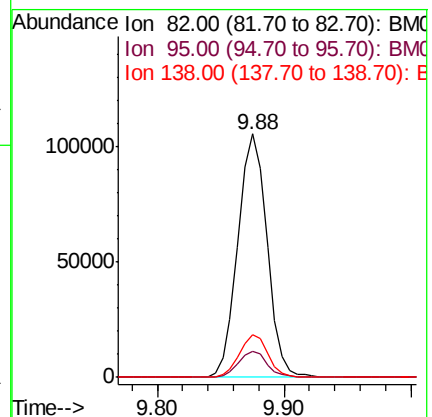
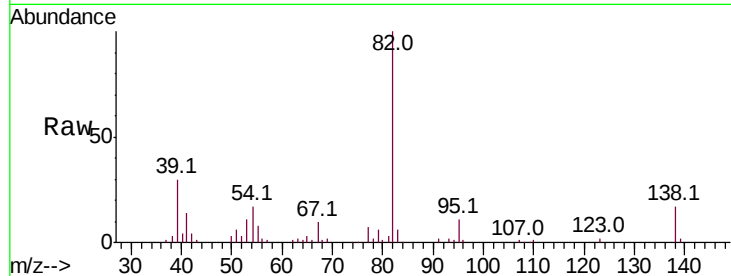
Tot Ion: 82 Resp: 168126

Ion Ratio Lower Upper

82 100

95 10.5 5.8 8.6#

138 17.5 16.3 24.5



#26

2-Nitrophenol

Concen: 40.732 ng

RT: 10.07 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

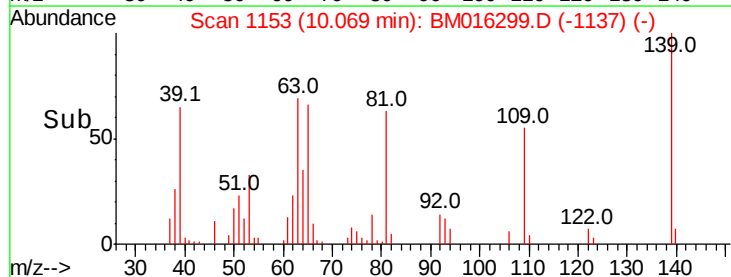
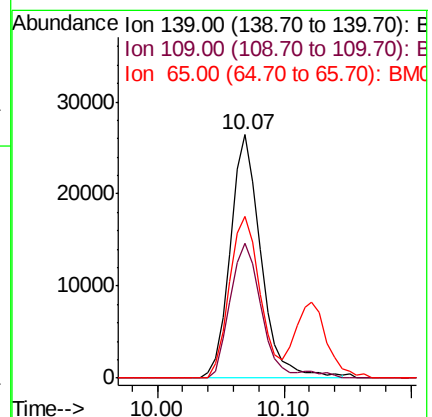
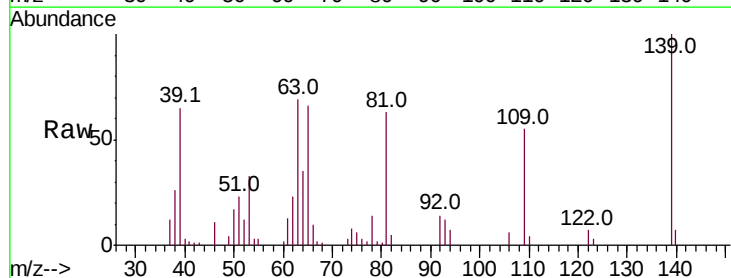
Tgt Ion:139 Resp: 44021

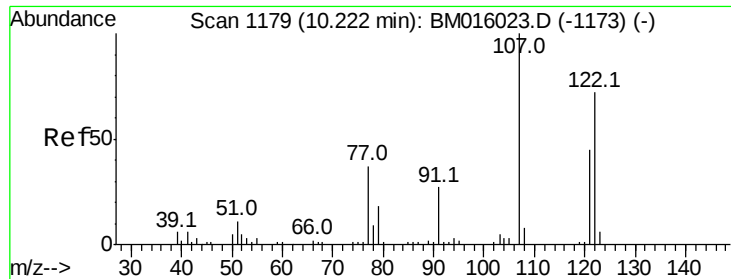
Ion Ratio Lower Upper

139 100

109 55.3 20.1 30.1#

65 66.2 31.5 47.3#

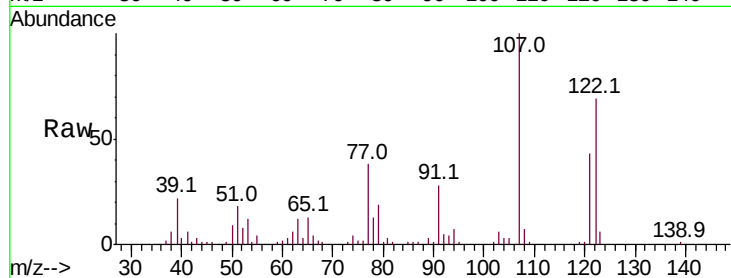




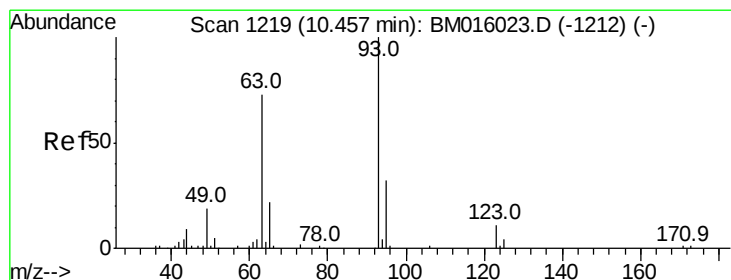
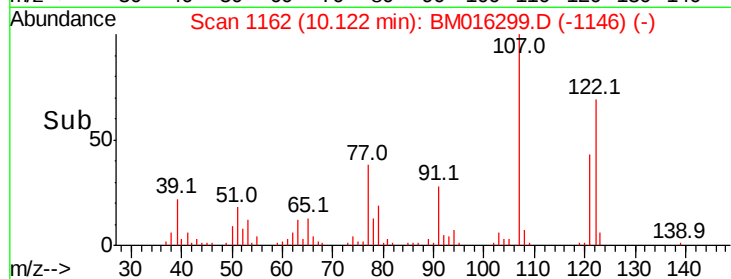
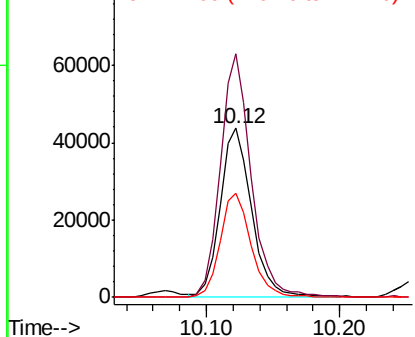
#27
2,4-Dimethylphenol
Concen: 48.312 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:122 Resp: 72744
Ion Ratio Lower Upper
122 100
107 144.0 84.7 127.1#
121 61.7 46.6 69.8

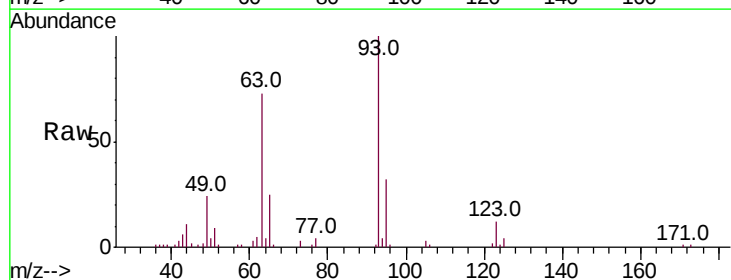


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

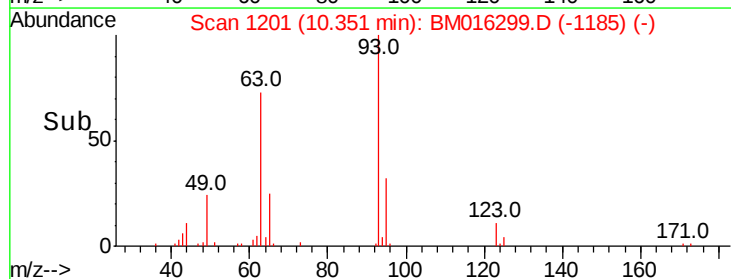
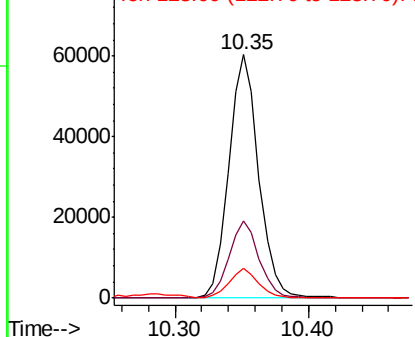


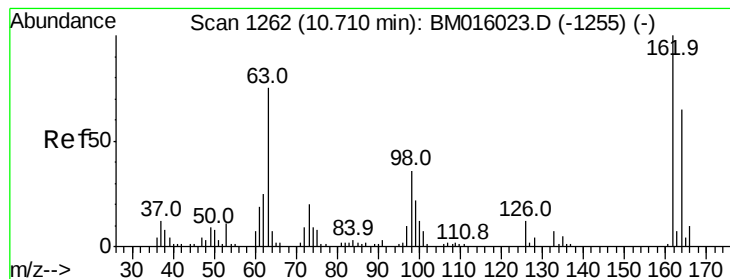
#28
bis(2-Chloroethoxy)methane
Concen: 41.061 ng
RT: 10.35 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Tgt Ion: 93 Resp: 93892
Ion Ratio Lower Upper
93 100
95 31.9 25.5 38.3
123 12.2 8.6 13.0



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





#29

2,4-Dichlorophenol

Concen: 41.841 ng

RT: 10.60 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

Instrument :

BNA_M

ClientSampled :

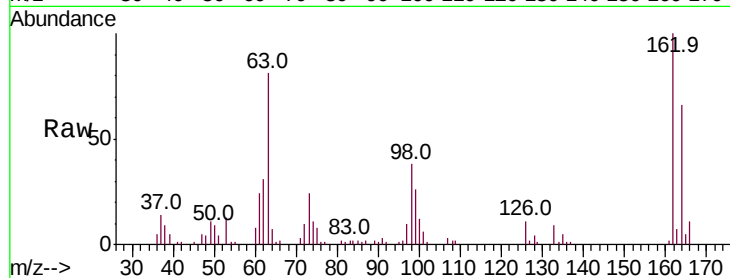
Tot Ion:162 Resp: 74862

Ion Ratio Lower Upper

162 100

164 65.5 42.8 82.8

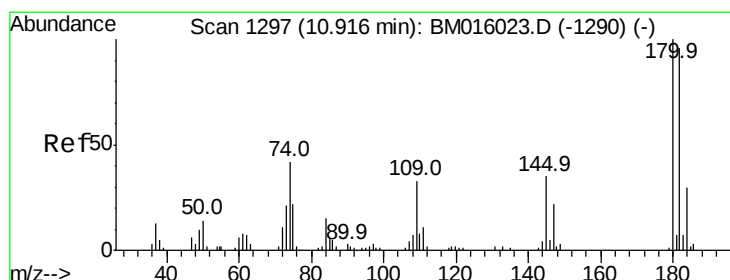
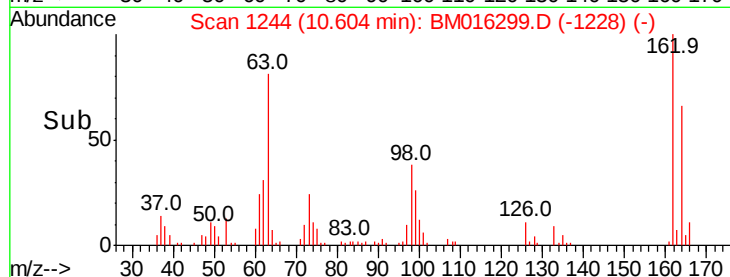
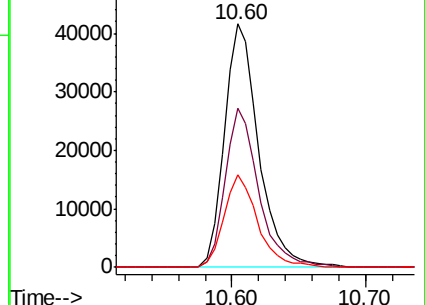
98 37.8 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 39.325 ng

RT: 10.80 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

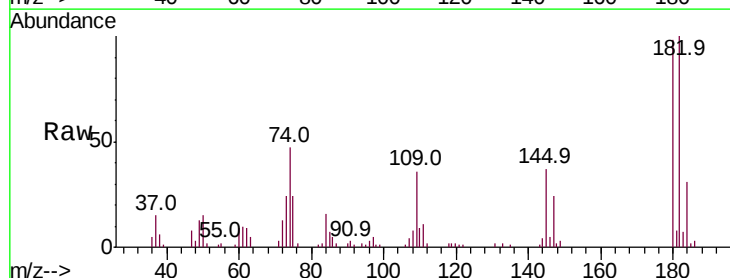
Tgt Ion:180 Resp: 85489

Ion Ratio Lower Upper

180 100

182 101.5 77.6 116.4

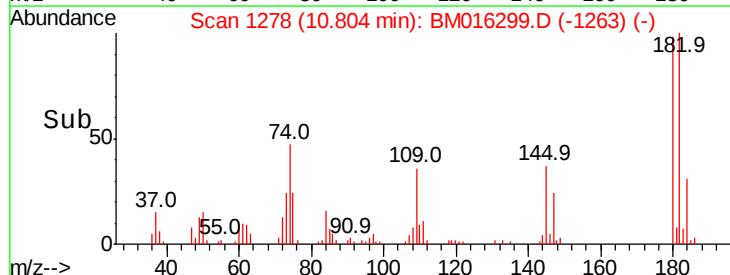
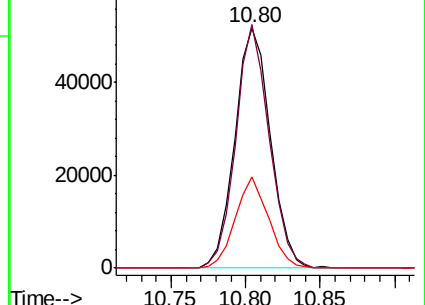
145 37.9 23.4 35.2#

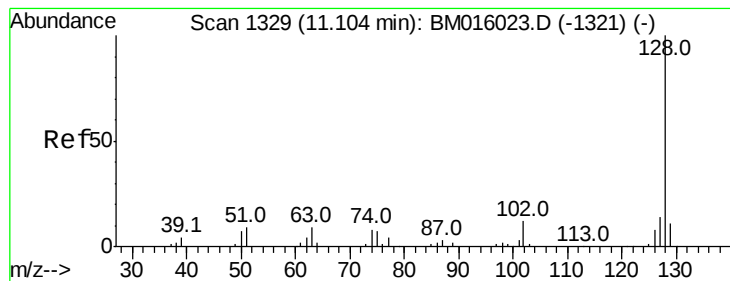


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.683 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

Instrument :

BNA_M

ClientSampleId :

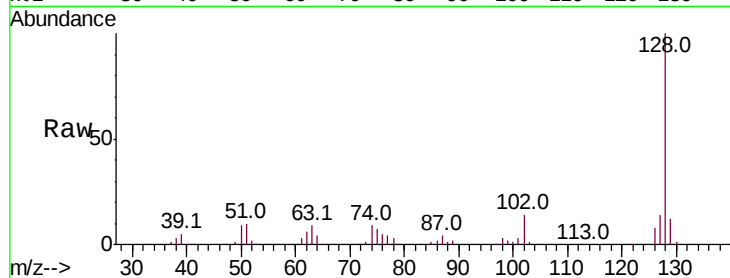
Tot Ion:128 Resp: 252375

Ion Ratio Lower Upper

128 100

129 11.6 8.9 13.3

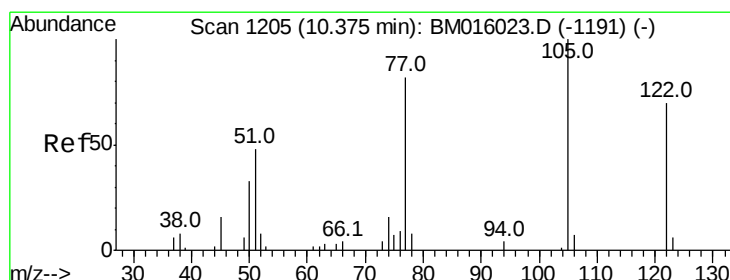
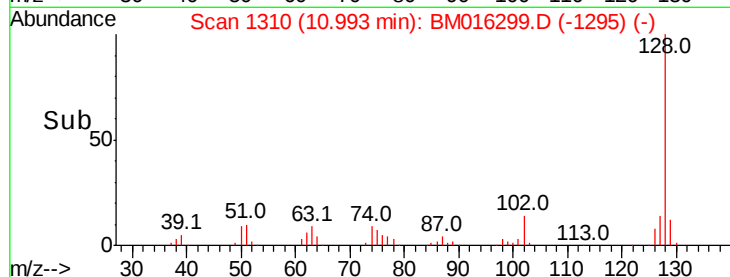
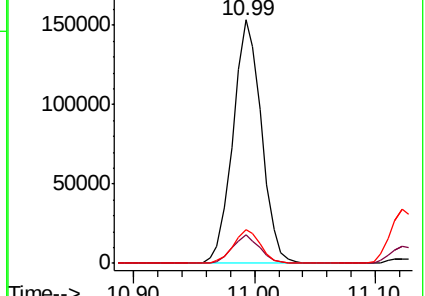
127 13.7 10.4 15.6



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: 36.350 ng

RT: 10.30 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

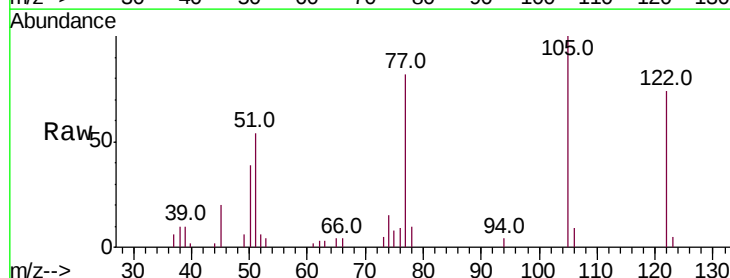
Tgt Ion:122 Resp: 41723

Ion Ratio Lower Upper

122 100

105 134.5 99.9 139.9

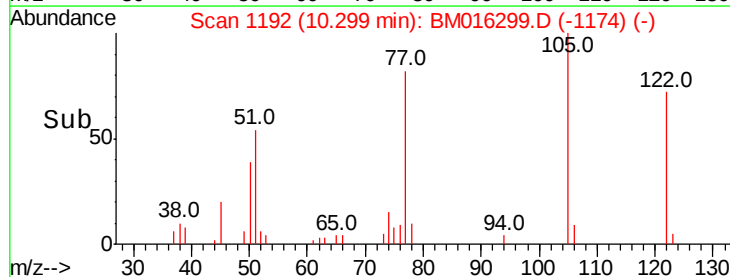
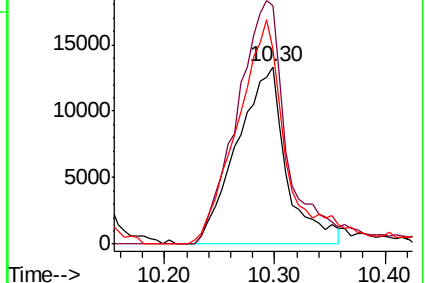
77 109.9 73.7 113.7



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

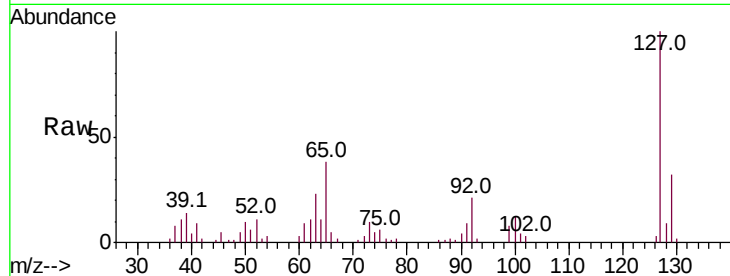




#33
4-Chloroaniline
Concen: 24.947 ng
RT: 11.12 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.3	37.9
65	38.4	17.6	26.4
92	21.5	13.1	19.7



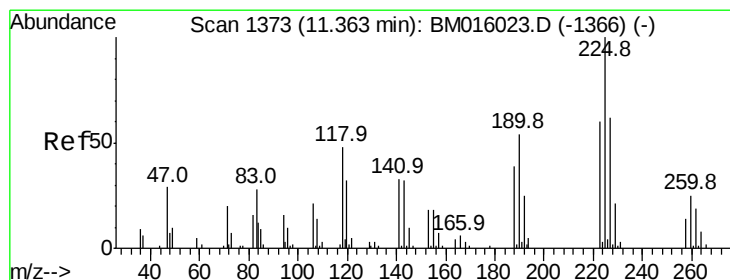
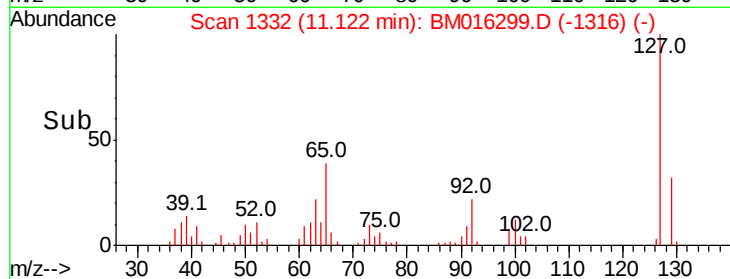
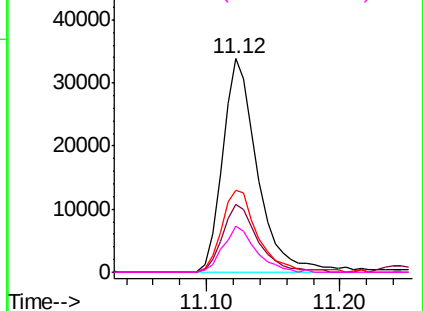
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

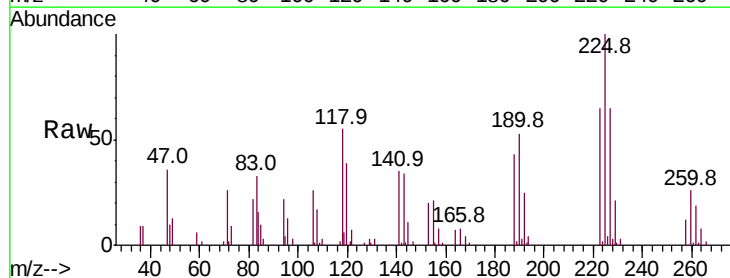
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 41.740 ng
RT: 11.25 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.4	47.9	71.9
227	64.7	50.1	75.1

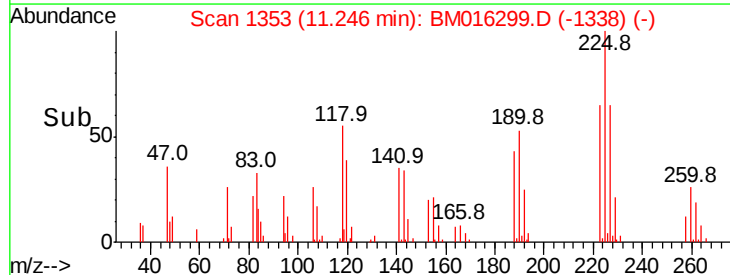
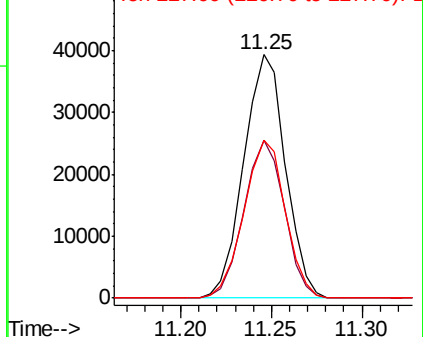


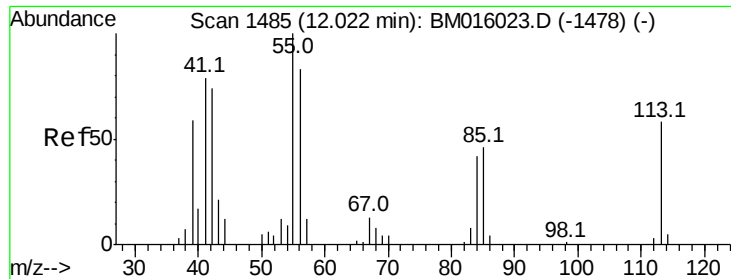
Abundance

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

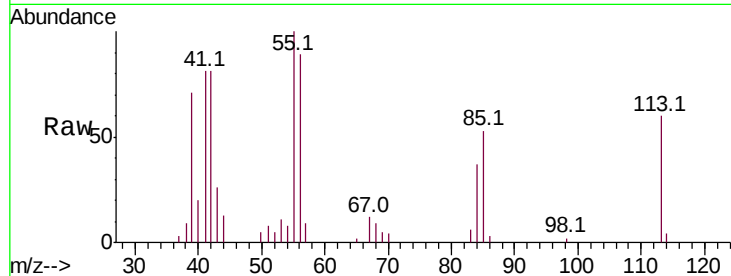




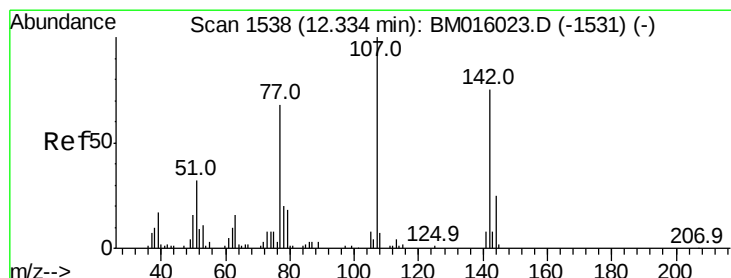
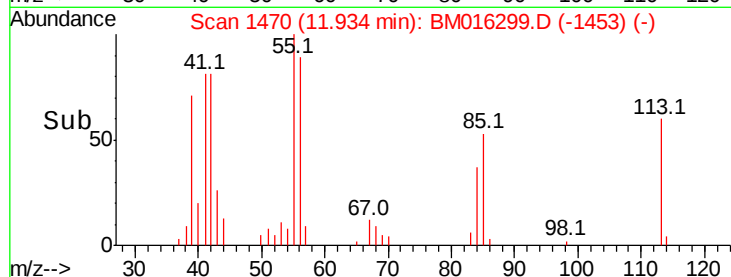
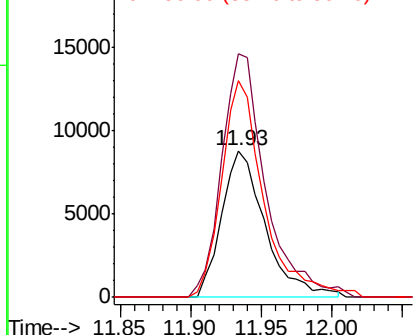
#35
 Caprolactam
 Concen: 38.191 ng
 RT: 11.93 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:113 Resp: 18926
 Ion Ratio Lower Upper
 113 100
 55 165.7 145.9 185.9
 56 147.4 101.0 141.0#

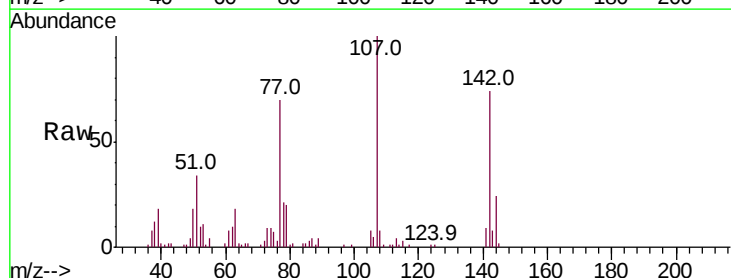


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BM
 Ion 56.00 (55.70 to 56.70): BM

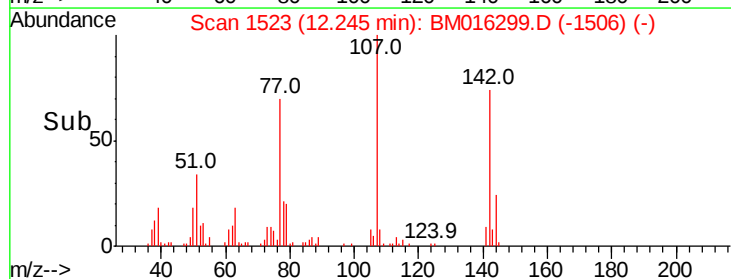
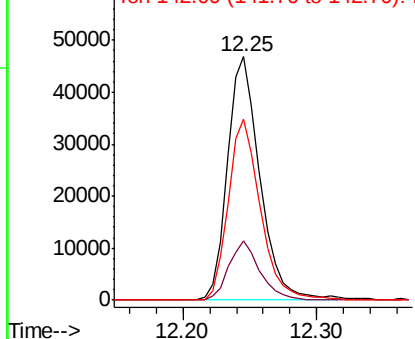


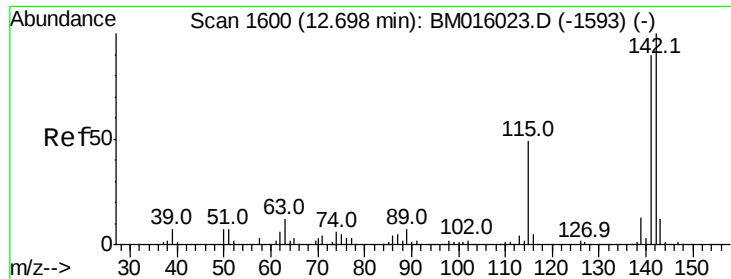
#36
 4-Chloro-3-methylphenol
 Concen: 40.515 ng
 RT: 12.25 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Tgt Ion:107 Resp: 79731
 Ion Ratio Lower Upper
 107 100
 144 24.3 23.3 34.9
 142 74.3 72.6 109.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

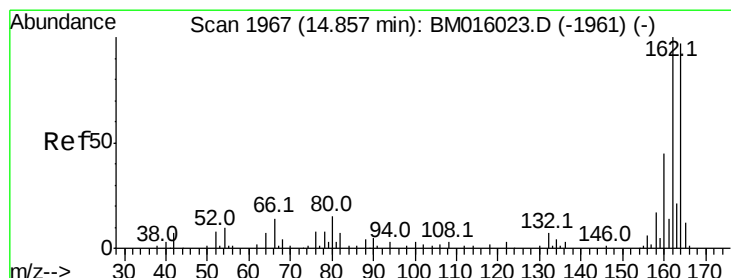
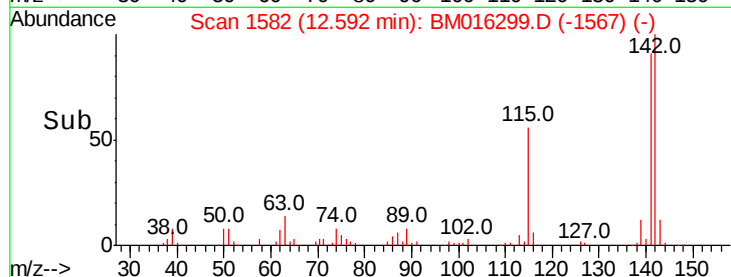
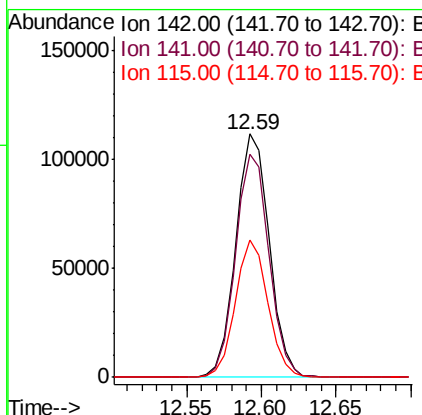
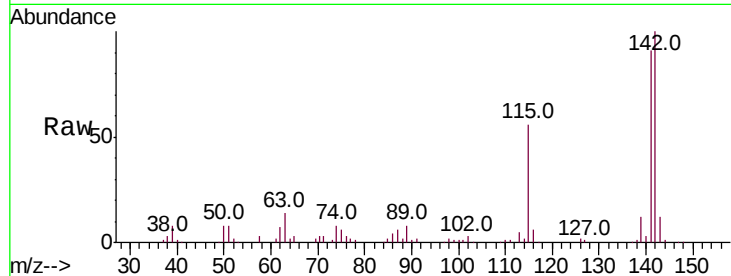




#37
 2-Methylnaphthalene
 Concen: 43.094 ng
 RT: 12.59 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

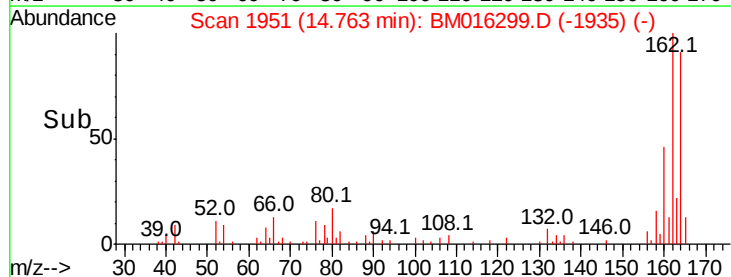
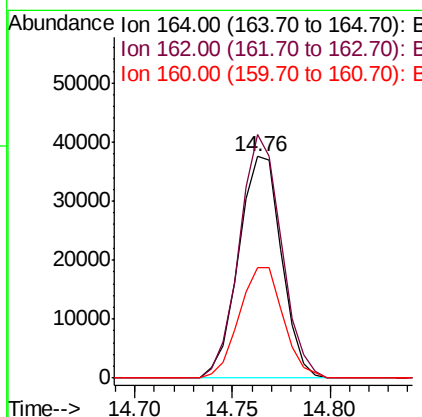
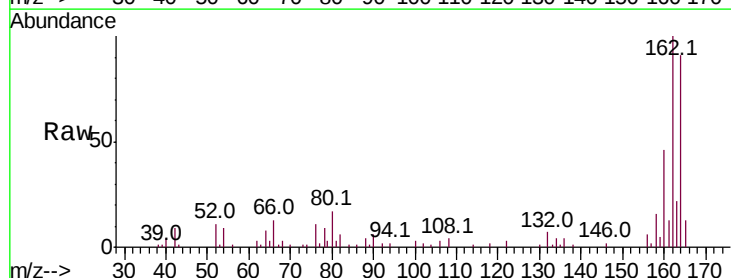
Instrument :
 BNA_M
 ClientSampled :

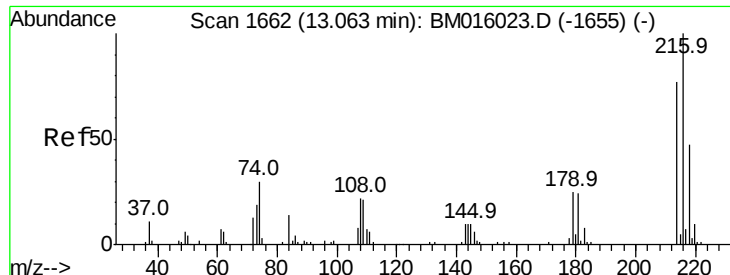
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.9	107.9
115	56.3	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.0	82.4	123.6
160	50.2	35.8	53.6

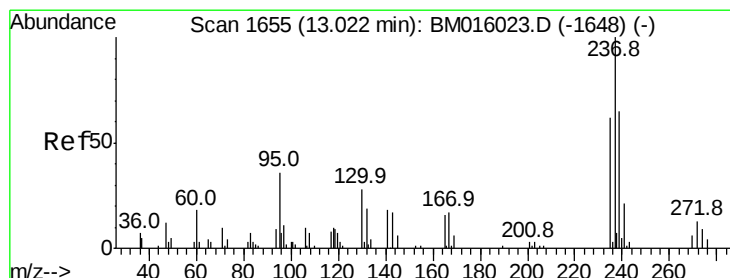
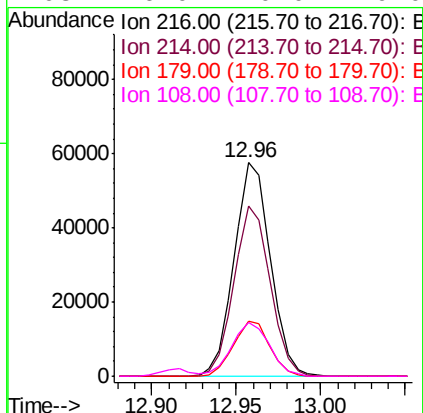
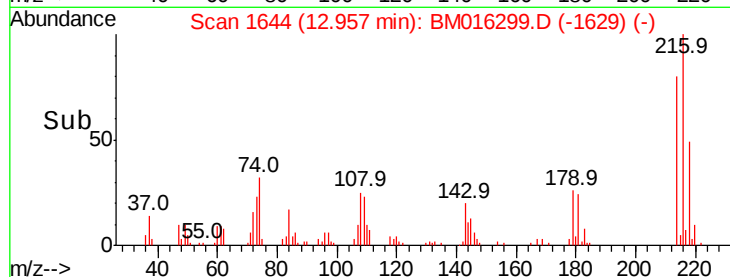
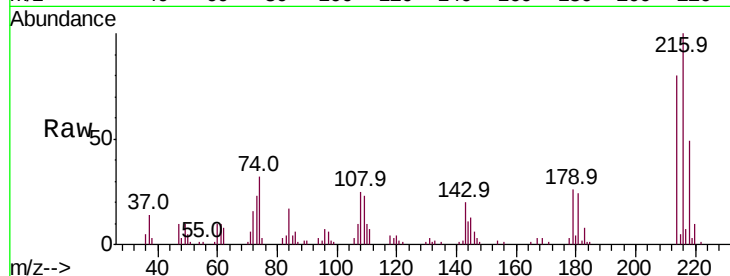




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.232 ng
 RT: 12.96 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

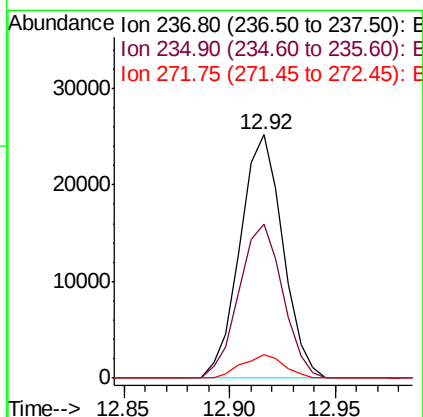
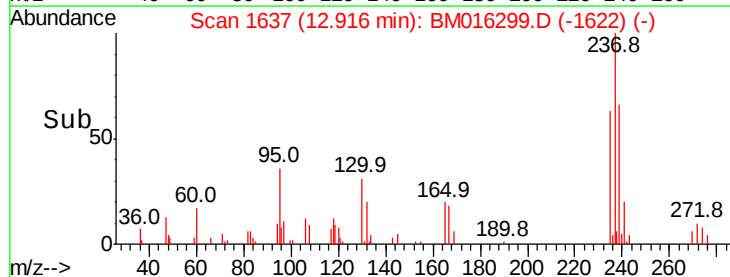
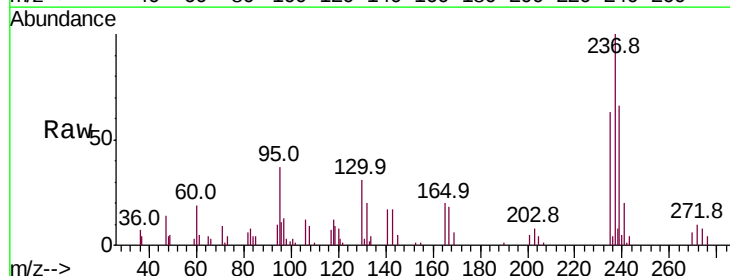
Instrument :
 BNA_M
 ClientSampleId :

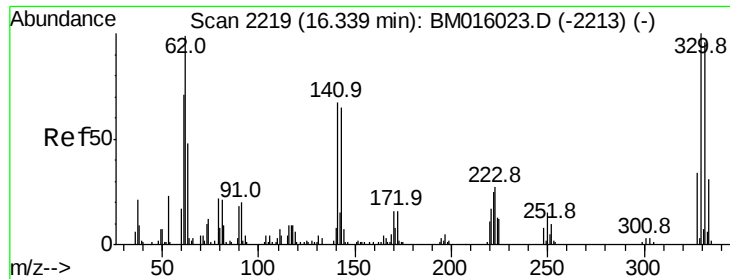
Tot Ion:	216	Resp:	86168
Ion	Ratio	Lower	Upper
216	100		
214	79.7	0.0	0.0#
179	25.9	0.0	0.0#
108	26.0	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 41.119 ng
 RT: 12.92 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Tgt Ion:	237	Resp:	35375
Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.0	82.0
272	9.6	0.0	33.4

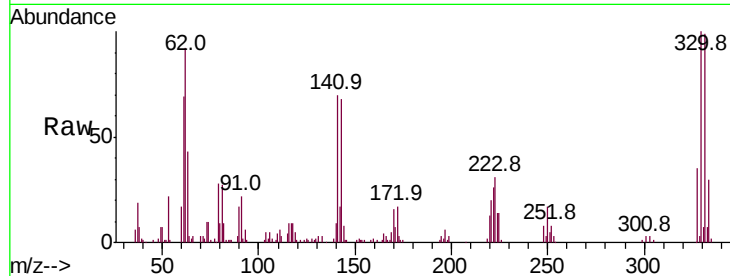




#41
 2,4,6-Tribromophenol
 Concen: 41.119 ng
 RT: 16.26 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	78.1	0.0	0.0#

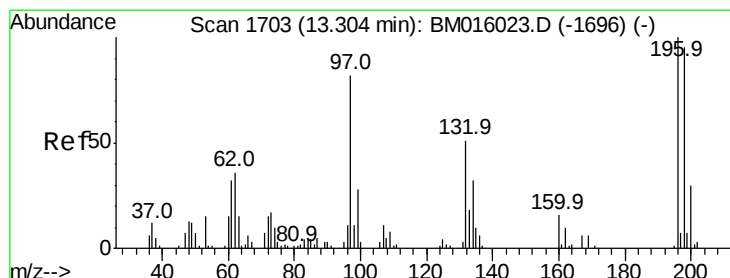
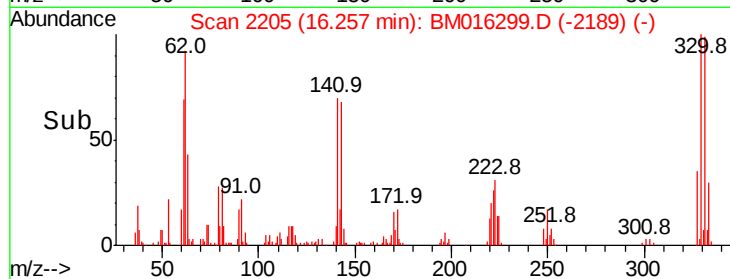
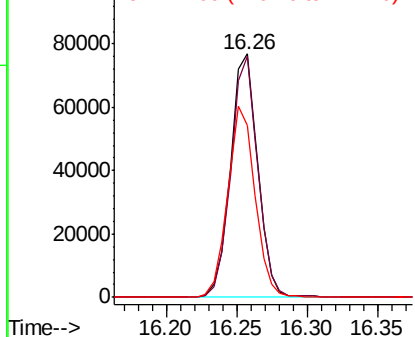


Abundance

Ion 329.80 (329.50 to 330.50): E

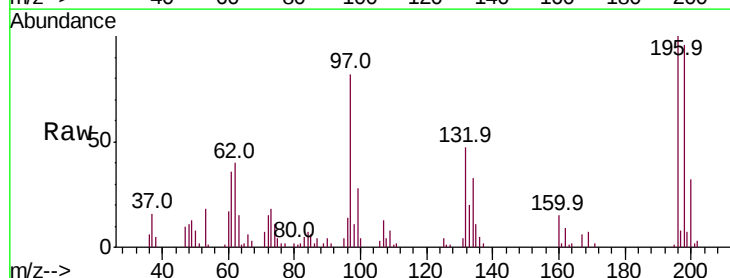
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 43.006 ng
 RT: 13.21 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.3	114.5
200	32.3	25.6	38.4

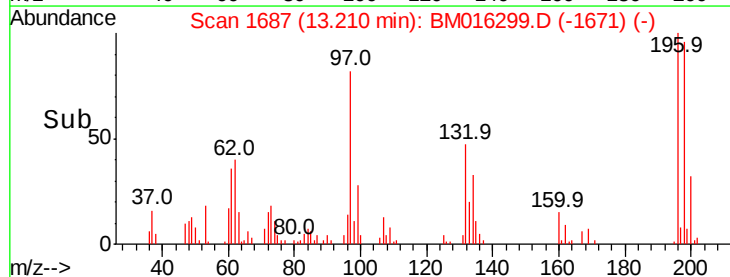
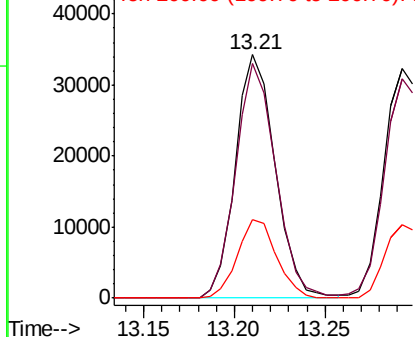


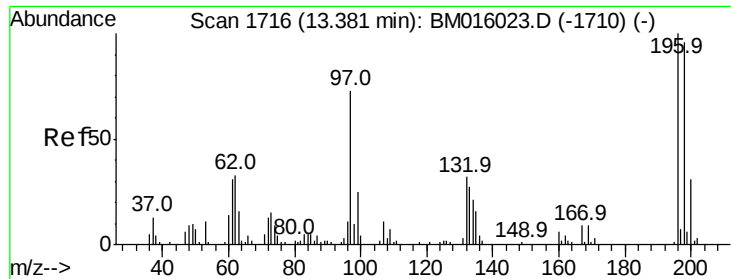
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

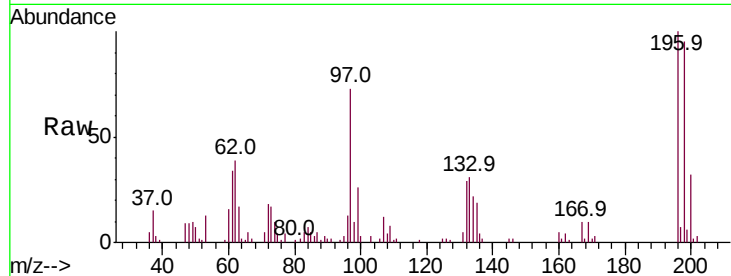




#43
2,4,5-Trichlorophenol
Concen: 44.678 ng
RT: 13.29 min Scan# 1701
Delta R.T. 0.00 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	79.4	119.0
97	73.3	26.8	40.2
132	29.5	18.6	28.0



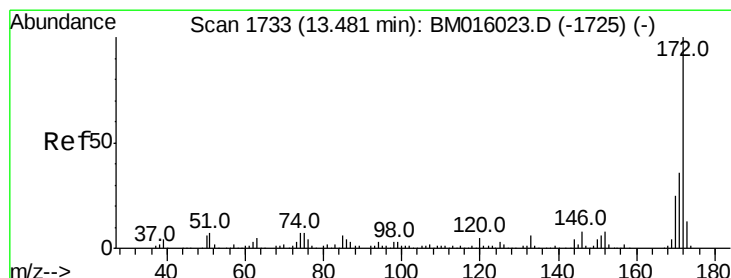
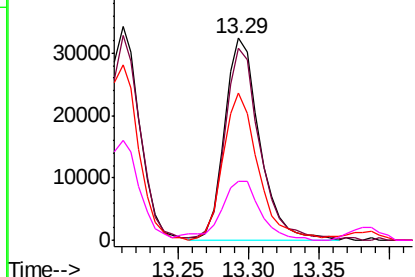
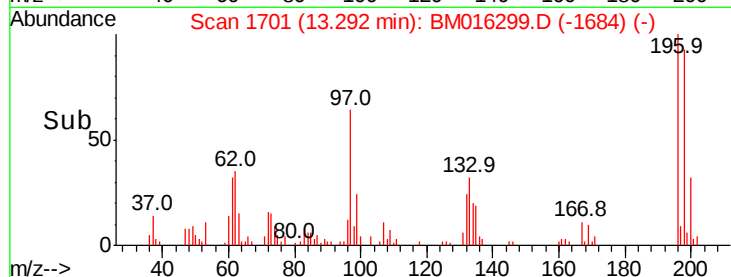
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

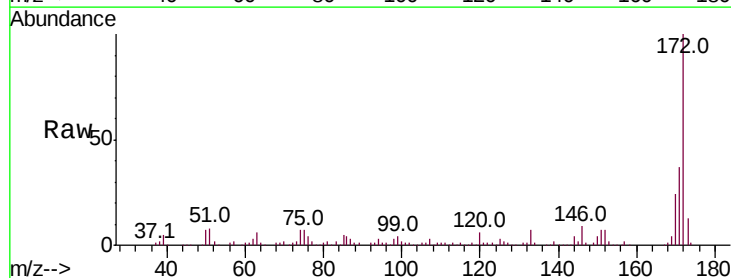
Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 44.678 ng
RT: 13.38 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.5	42.7
170	23.9	18.8	28.2

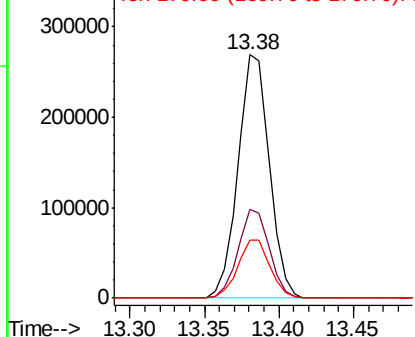
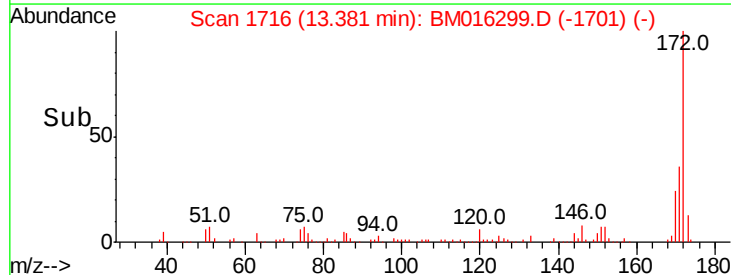


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

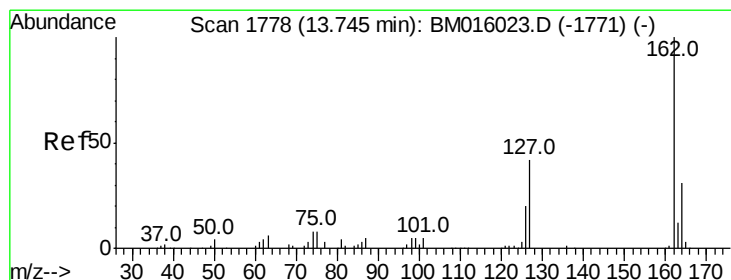
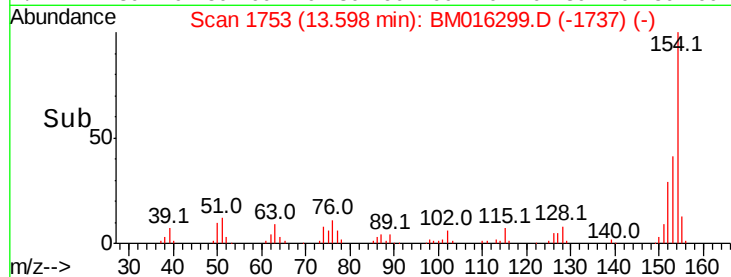
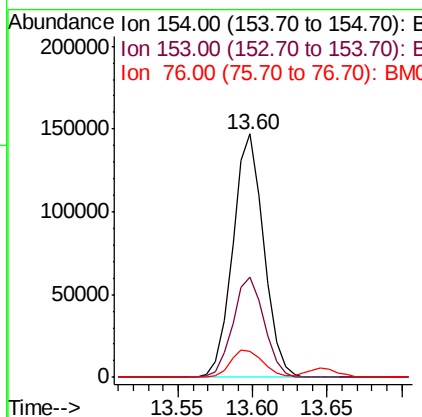
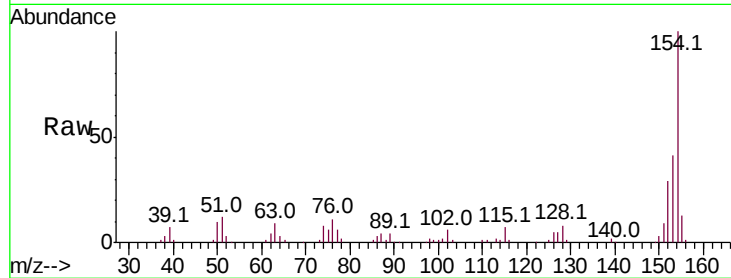




#45
 1,1'-Biphenyl
 Concen: 41.131 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

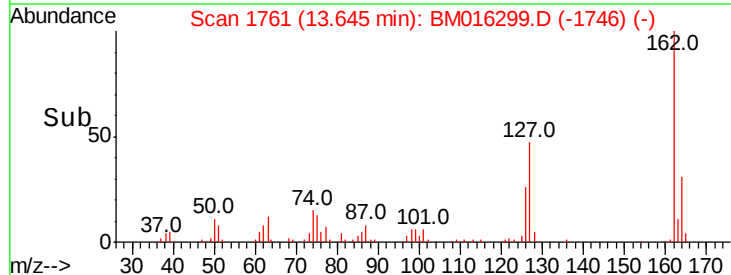
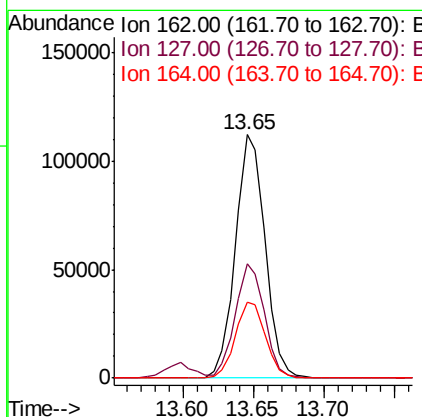
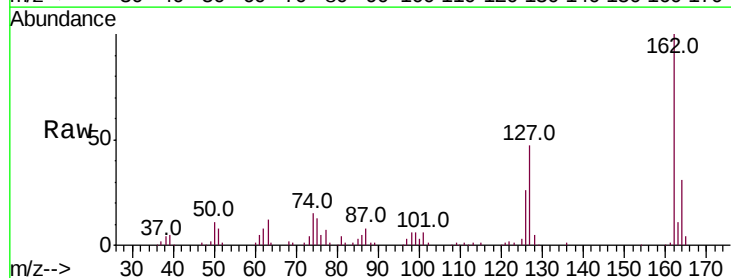
Instrument :
 BNA_M
 ClientSampleId :

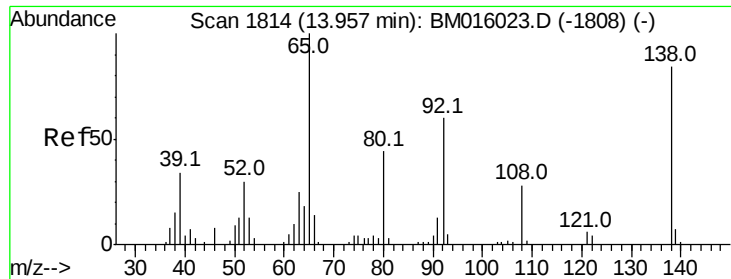
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.7	60.7
76	10.8	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 40.823 ng
 RT: 13.65 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.7	26.9	40.3#
164	31.5	26.8	40.2

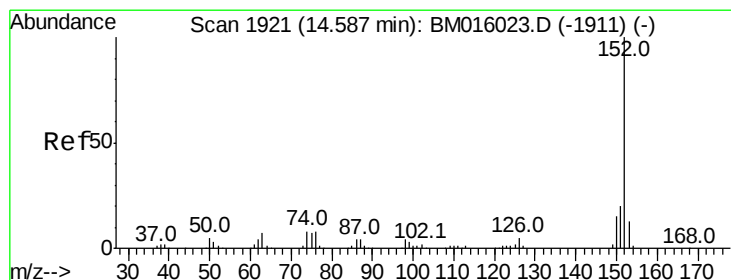
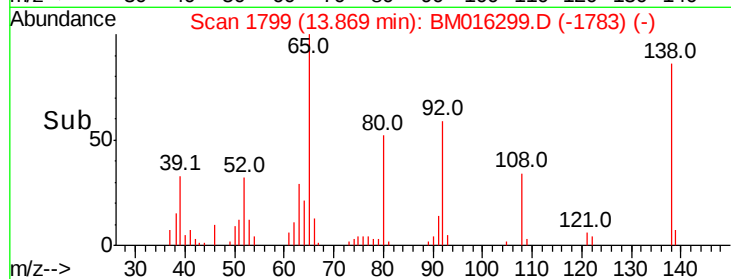
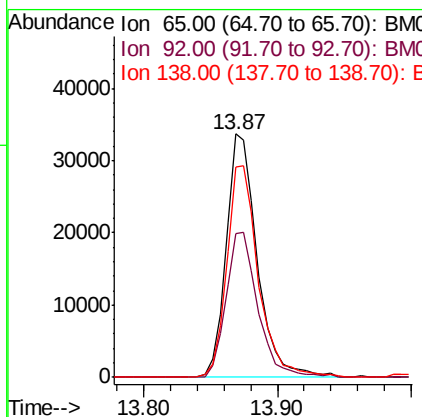
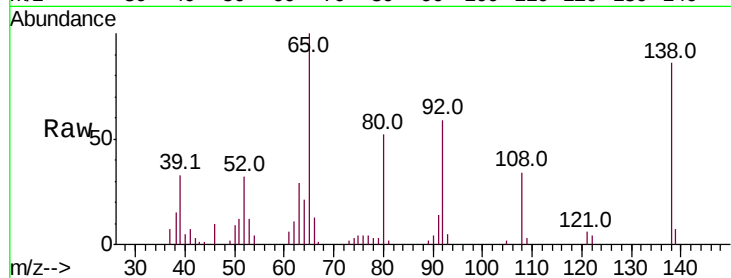




#47
 2-Nitroaniline
 Concen: 41.303 ng
 RT: 13.87 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

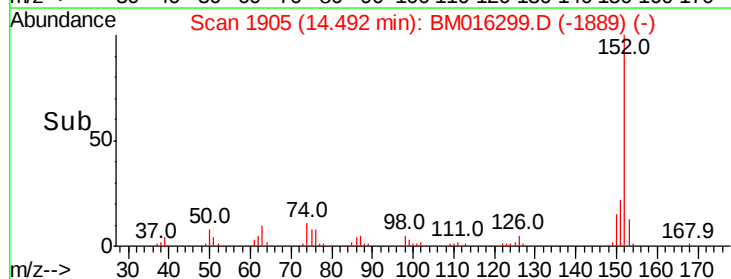
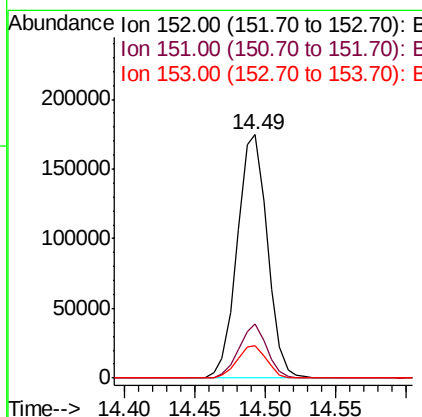
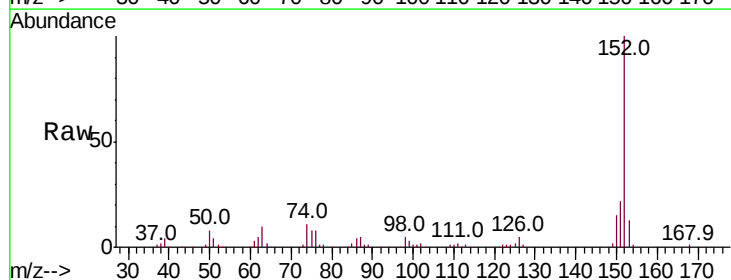
Instrument :
 BNA_M
 ClientSampled :

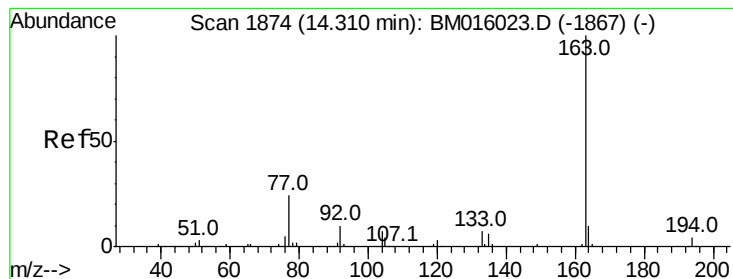
Tot Ion: 65 Resp: 54846
 Ion Ratio Lower Upper
 65 100
 92 59.0 59.1 88.7#
 138 86.3 93.9 140.9#



#48
 Acenaphthylene
 Concen: 44.184 ng
 RT: 14.49 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Tgt Ion:152 Resp: 259795
 Ion Ratio Lower Upper
 152 100
 151 22.2 15.9 23.9
 153 13.4 10.6 16.0





#49

Dimethylphthalate

Concen: 41.963 ng

RT: 14.22 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM016299.D

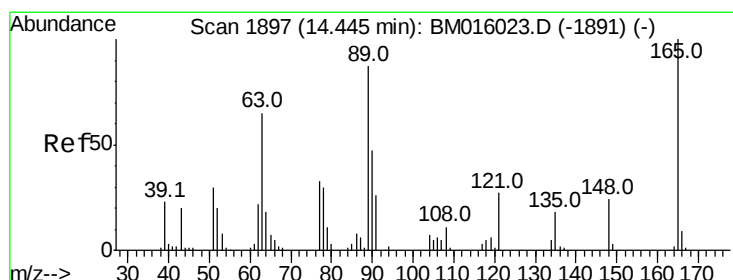
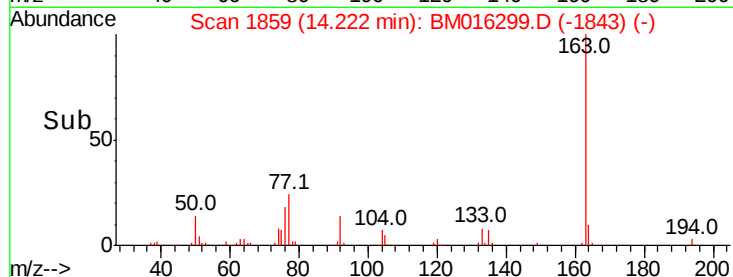
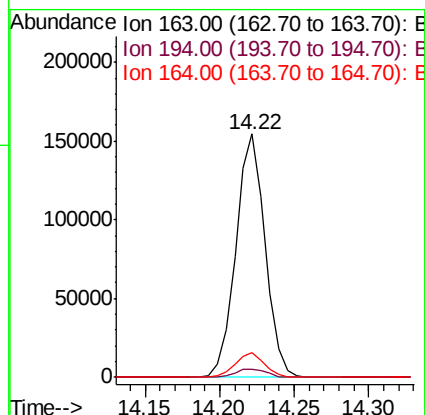
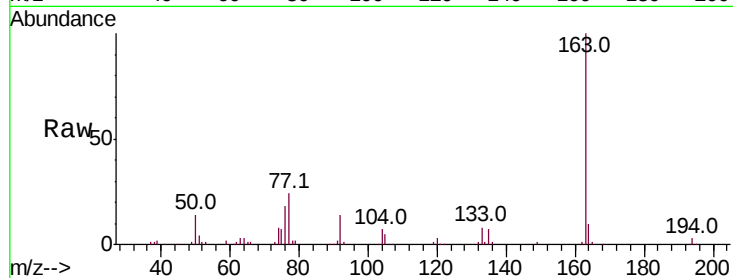
Acq: 10 Aug 2018 16:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion:163	Resp:	210137
Ion Ratio	Lower	Upper
163	100	
194	3.2	2.7 4.1
164	10.1	8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 40.551 ng

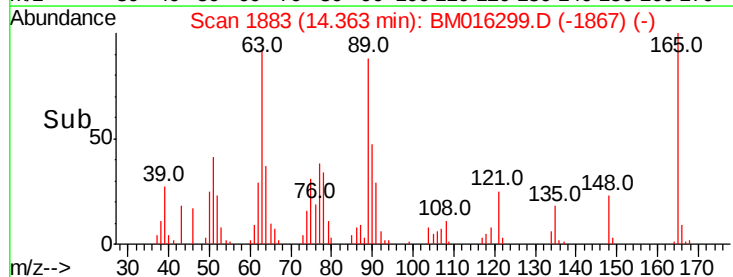
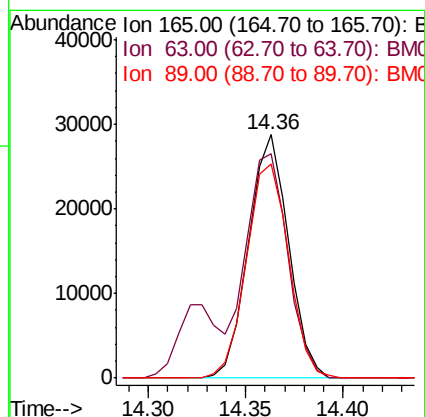
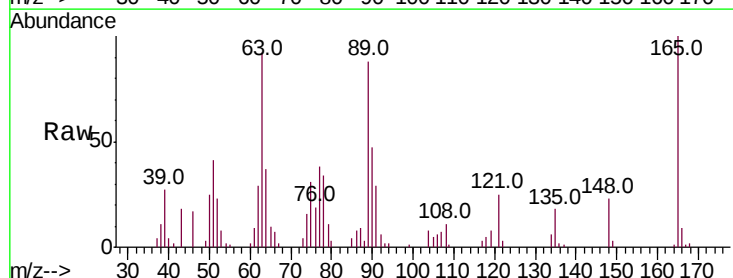
RT: 14.36 min Scan# 1883

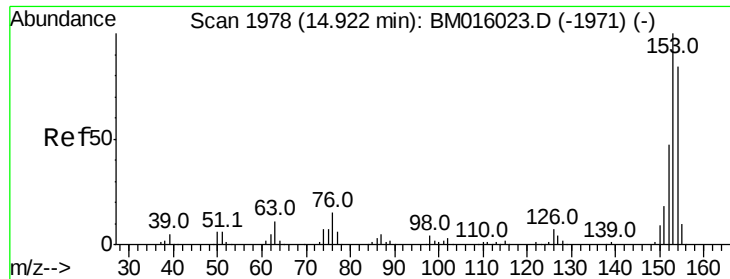
Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

Tgt Ion:165	Resp:	40858
Ion Ratio	Lower	Upper
165	100	
63	92.3	44.1 66.1#
89	88.1	44.3 66.5#





#51

Acenaphthene

Concen: 40.720 ng

RT: 14.83 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

Instrument :

BNA_M

ClientSampleId :

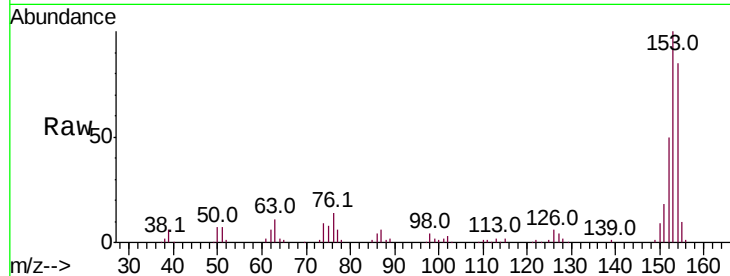
Tot Ion:154 Resp: 147253

Ion Ratio Lower Upper

154 100

153 117.8 90.0 135.0

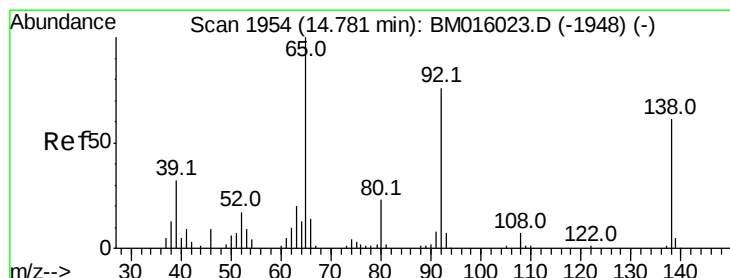
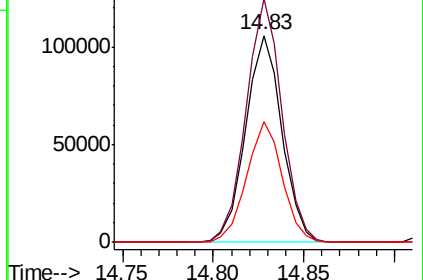
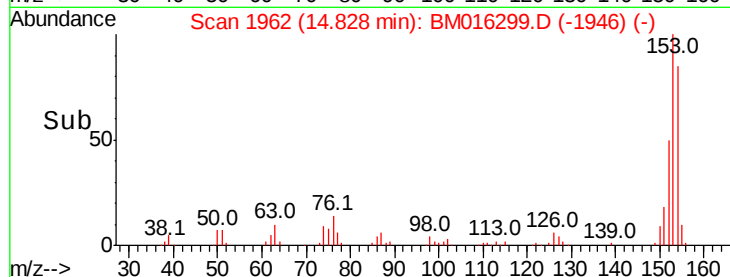
152 58.6 42.6 63.8



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: 29.672 ng

RT: 14.70 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

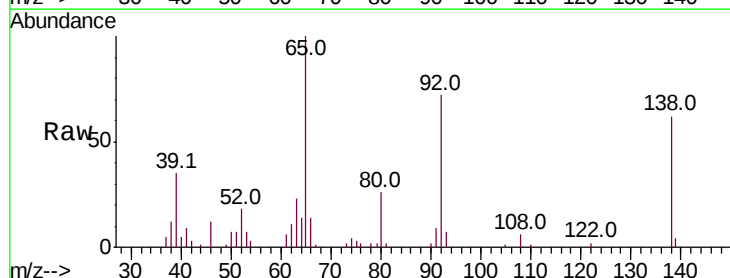
Tgt Ion:138 Resp: 32292

Ion Ratio Lower Upper

138 100

108 9.8 7.3 10.9

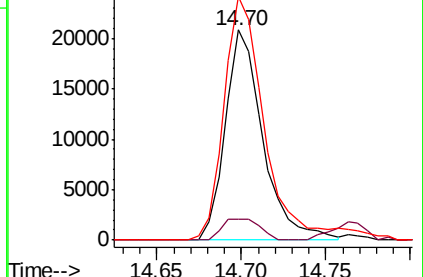
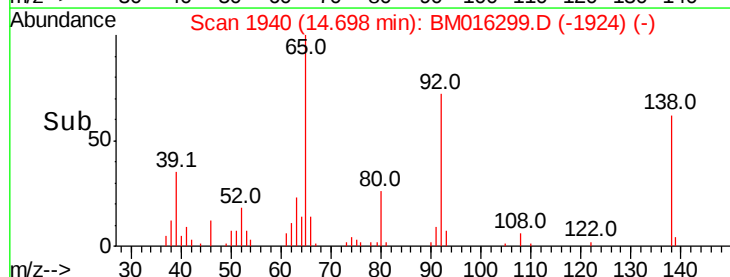
92 115.9 76.6 114.8#



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

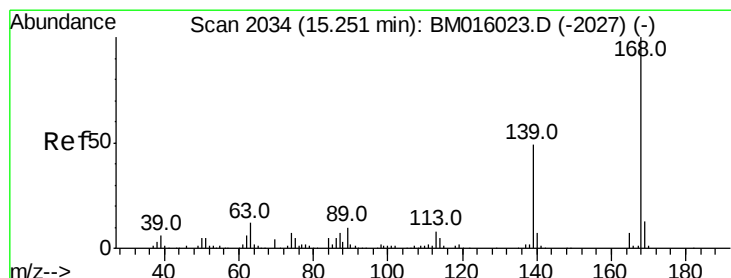
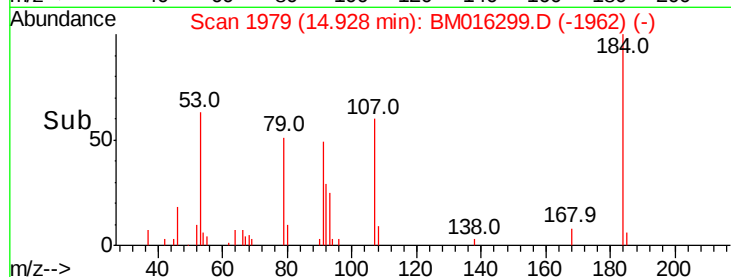
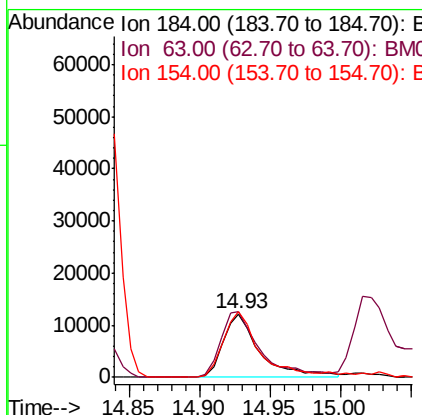
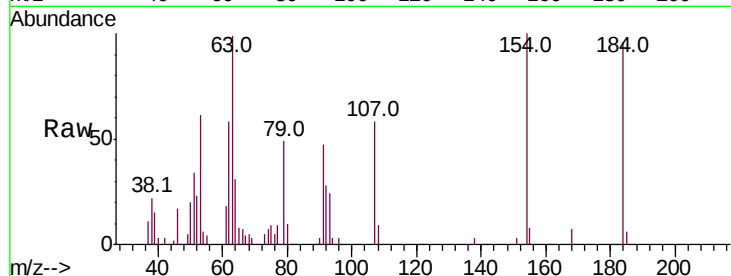




#53
 2,4-Dinitrophenol
 Concen: 52.864 ng
 RT: 14.93 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

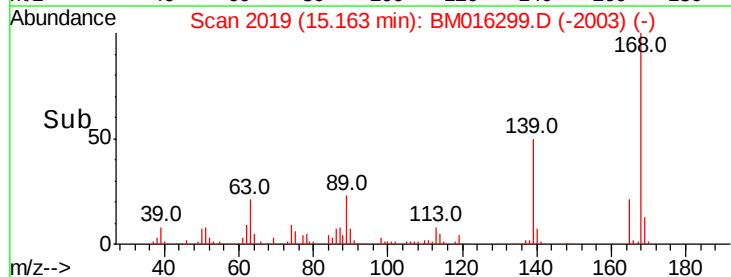
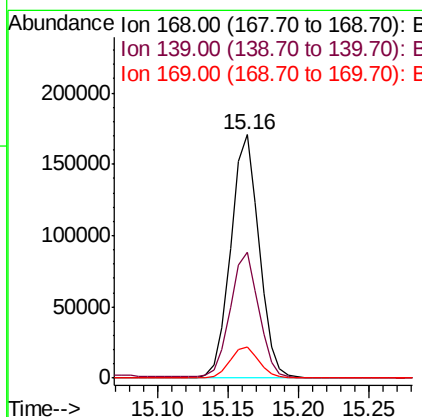
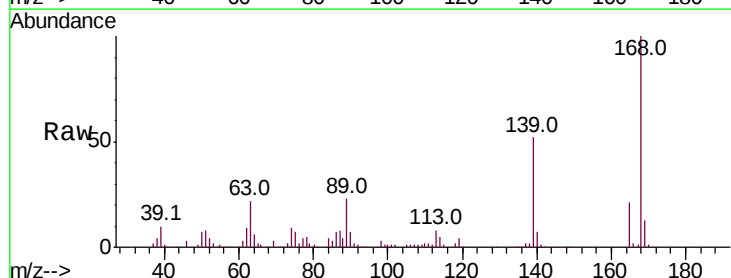
Instrument :
 BNA_M
 ClientSampleID :

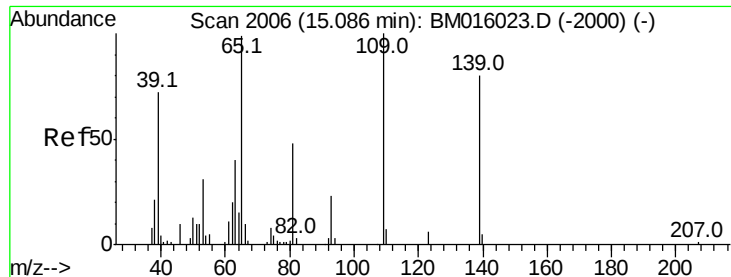
Tot Ion:184 Resp: 21899
 Ion Ratio Lower Upper
 184 100
 63 103.3 69.2 103.8
 154 104.3 53.3 79.9#



#54
 Dibenzofuran
 Concen: 39.902 ng
 RT: 15.16 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Tgt Ion:168 Resp: 237780
 Ion Ratio Lower Upper
 168 100
 139 51.5 27.3 40.9#
 169 12.9 10.6 16.0





#55

4-Nitrophenol

Concen: 67.014 ng

RT: 15.02 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

Instrument :

BNA_M

ClientSampleId :

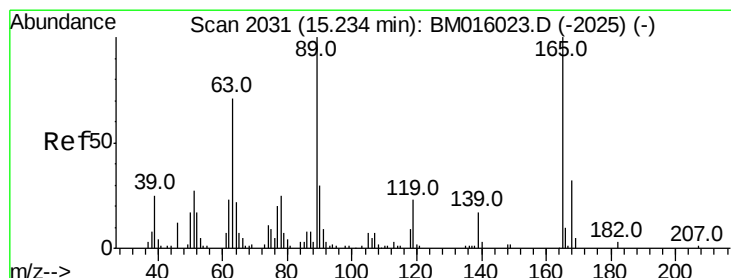
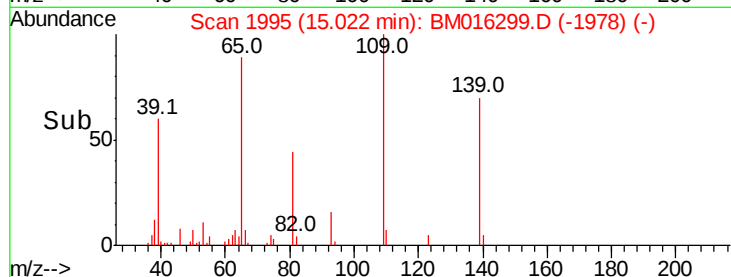
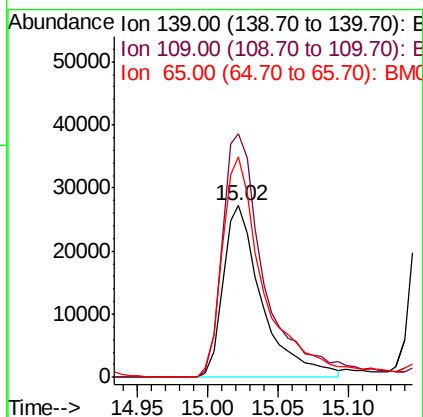
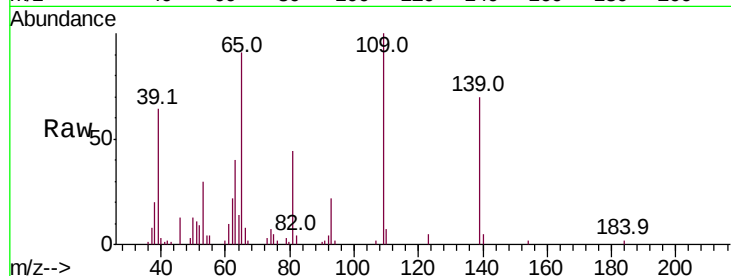
Tot Ion:139 Resp: 52282

Ion Ratio Lower Upper

139 100

109 142.0 130.0 170.0

65 128.9 130.0 170.0#



#56

2,4-Dinitrotoluene

Concen: 40.609 ng

RT: 15.16 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

Tgt Ion:165 Resp: 58506

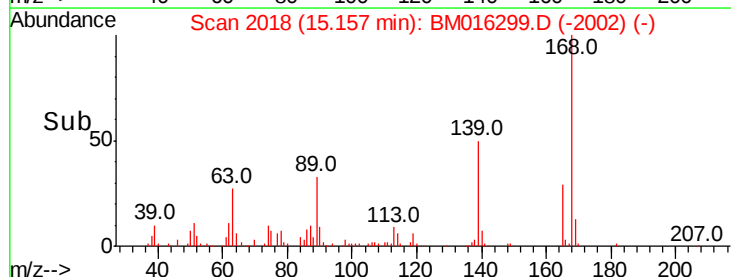
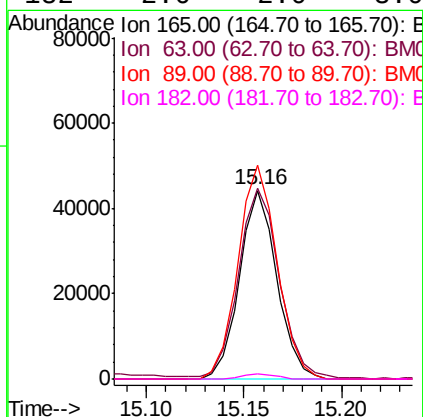
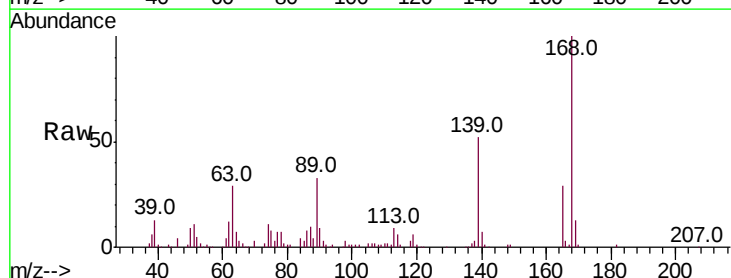
Ion Ratio Lower Upper

165 100

63 101.4 52.4 78.6#

89 113.5 72.4 108.6#

182 2.6 2.0 3.0

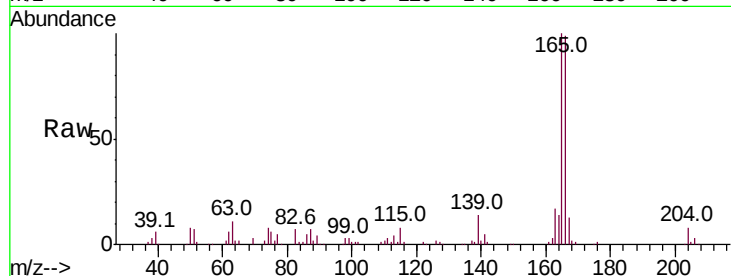




#57
 Fluorene
 Concen: 41.425 ng
 RT: 15.81 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.0	118.4
167	13.1	10.3	15.5

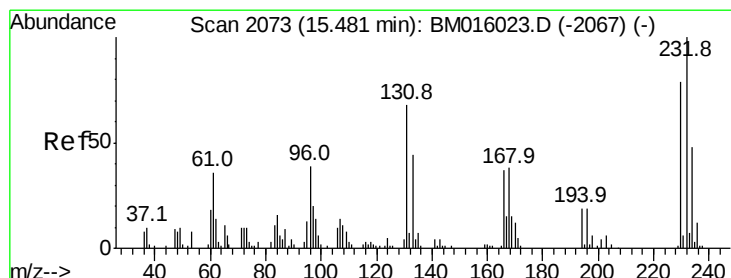
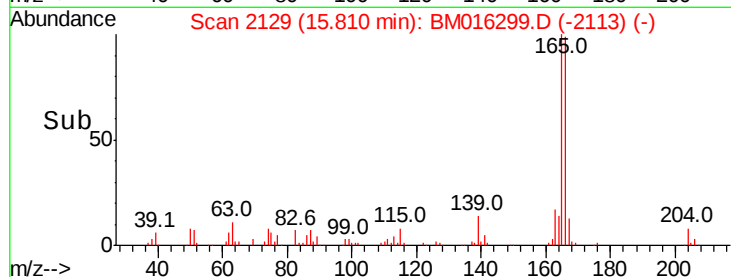
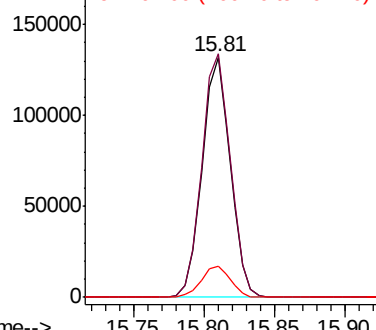


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.418 ng
 RT: 15.39 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
232	100		
131	70.9	0.0	0.0#
130	4.7	0.0	0.0#
166	37.5	0.0	0.0#

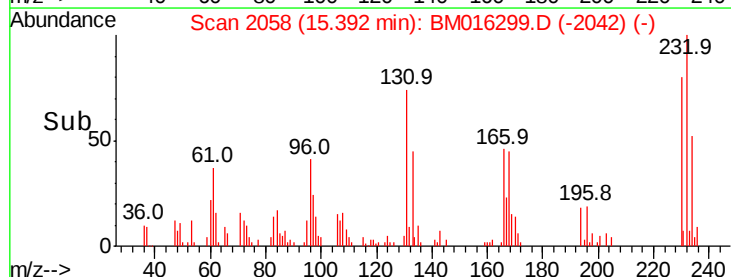
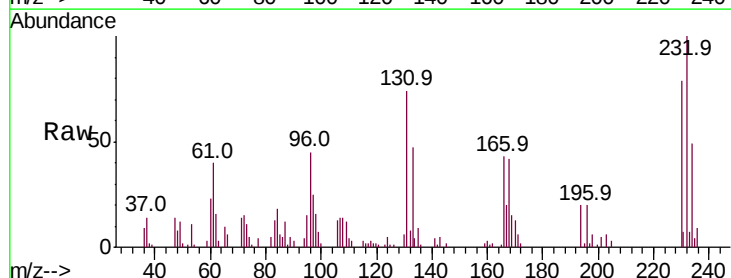
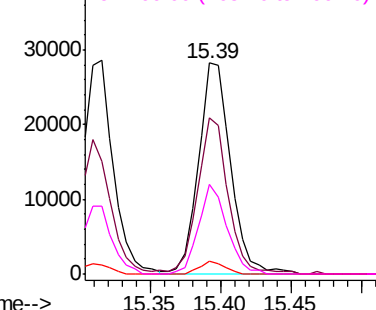
Abundance

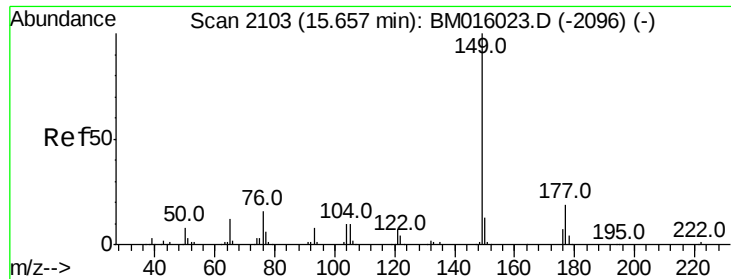
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.930 ng

RT: 15.57 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

Instrument :

BNA_M

ClientSampleId :

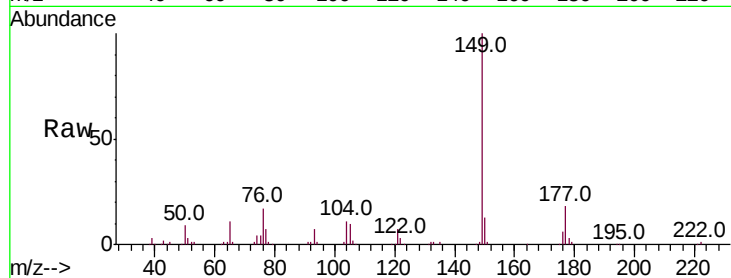
Tot Ion:149 Resp: 226321

Ion Ratio Lower Upper

149 100

177 18.5 18.3 27.5

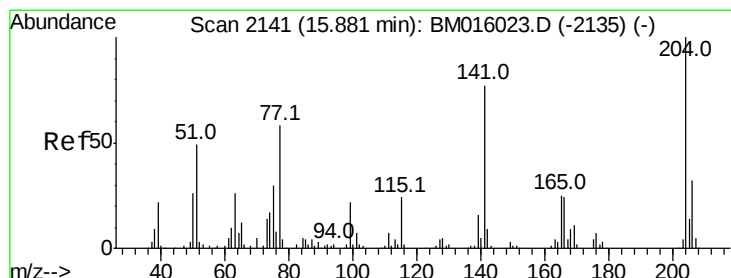
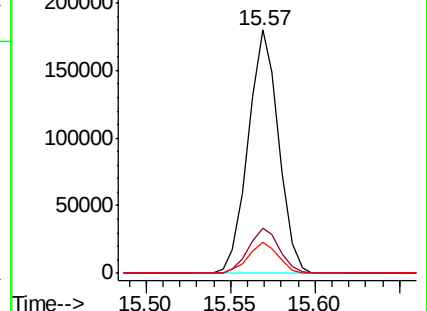
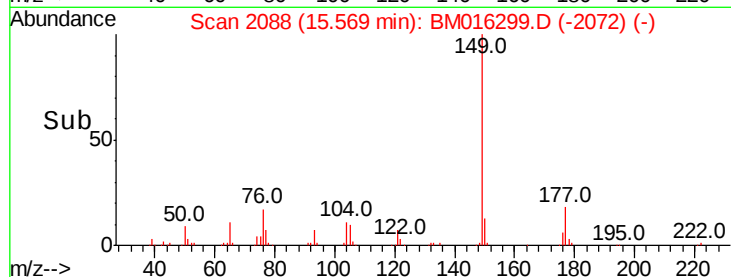
150 12.5 9.8 14.8



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: 39.339 ng

RT: 15.79 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

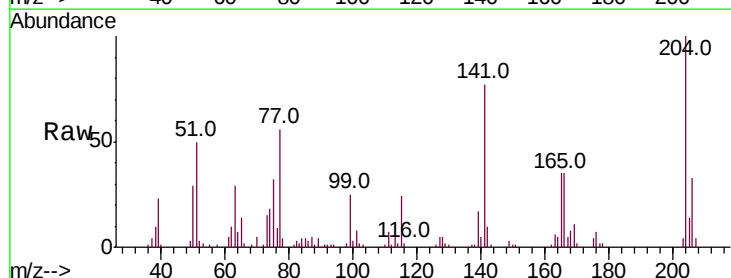
Tgt Ion:204 Resp: 96976

Ion Ratio Lower Upper

204 100

206 33.0 26.6 39.8

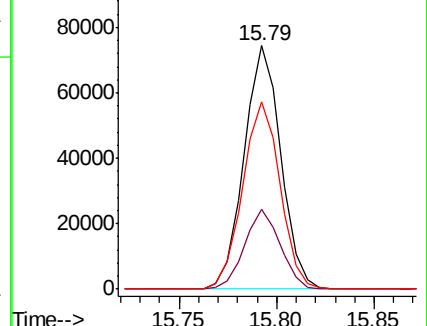
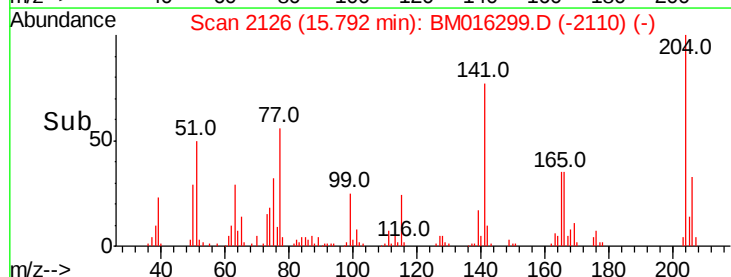
141 76.9 45.2 67.8#

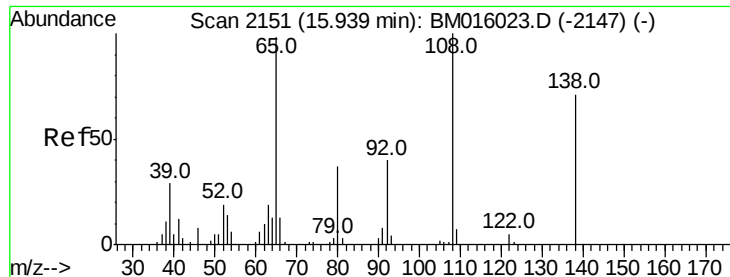


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

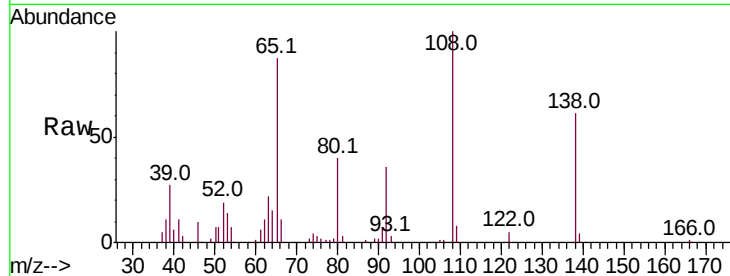




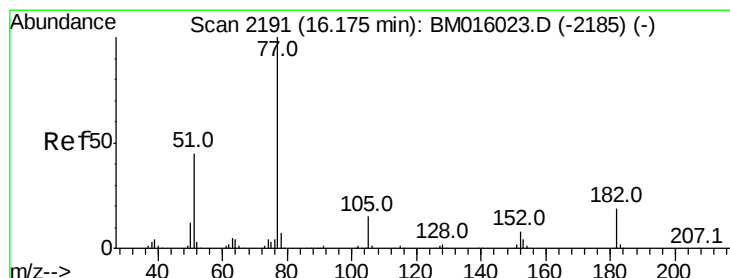
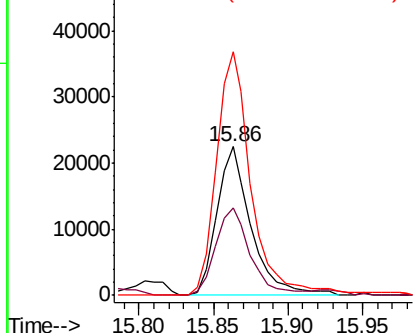
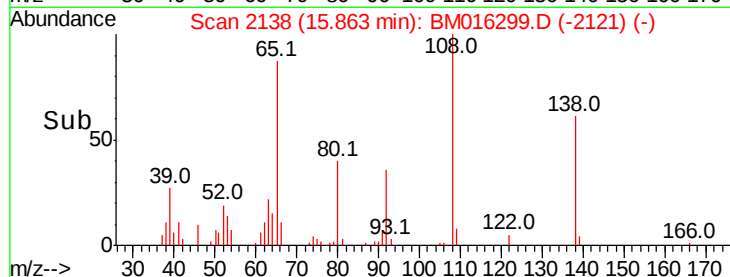
#61
4-Nitroaniline
Concen: 34.529 ng
RT: 15.86 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 36054
Ion Ratio Lower Upper
138 100
92 59.3 16.7 56.7#
108 164.2 37.6 77.6#

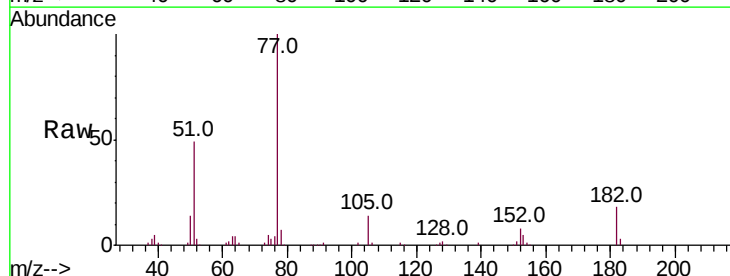


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E

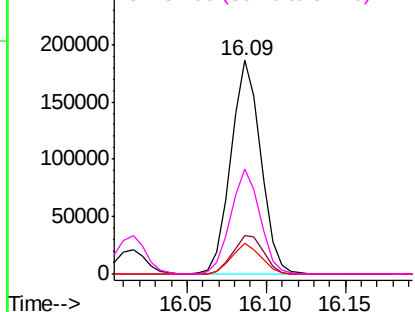
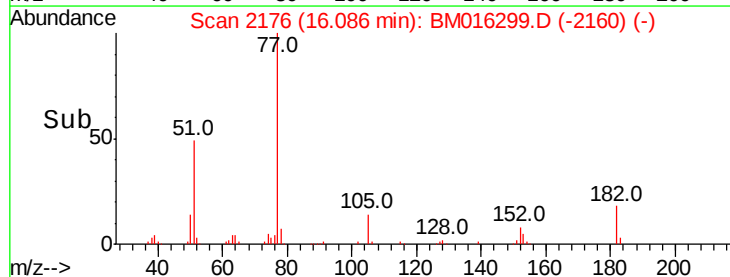


#62
Azobenzene
Concen: 42.748 ng
RT: 16.09 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Tgt Ion: 77 Resp: 243003
Ion Ratio Lower Upper
77 100
182 18.2 6.5 46.5
105 14.3 3.8 43.8
51 49.2 5.5 45.5#



Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM

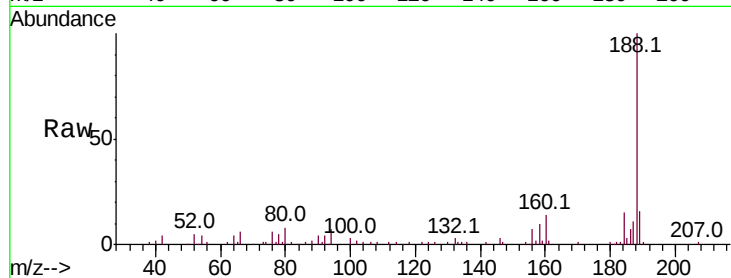




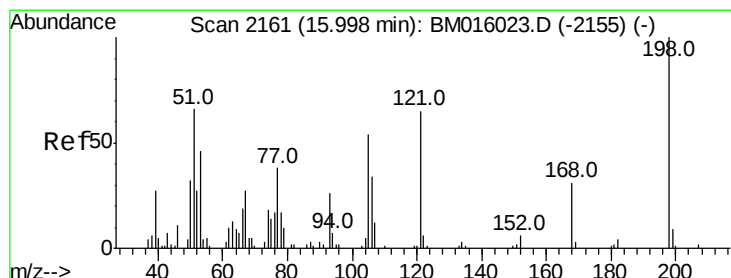
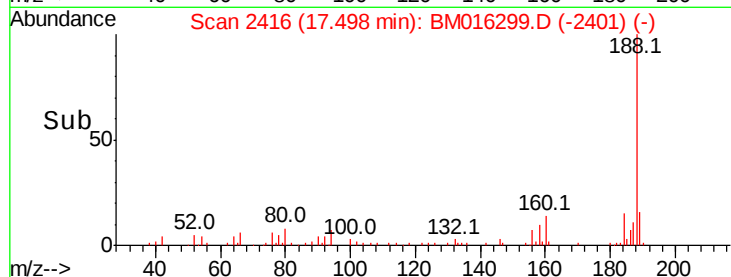
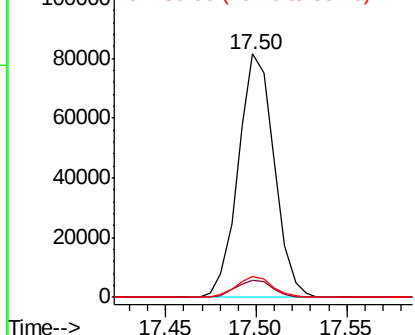
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 112201
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 8.5 9.3 13.9#

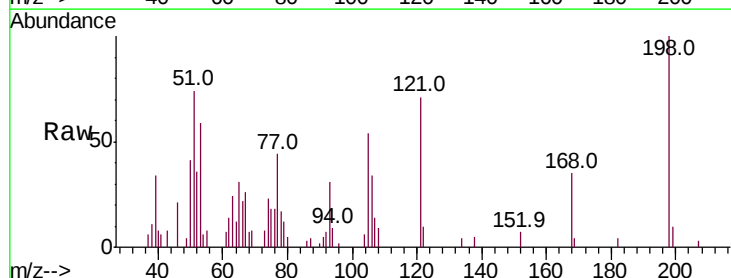


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

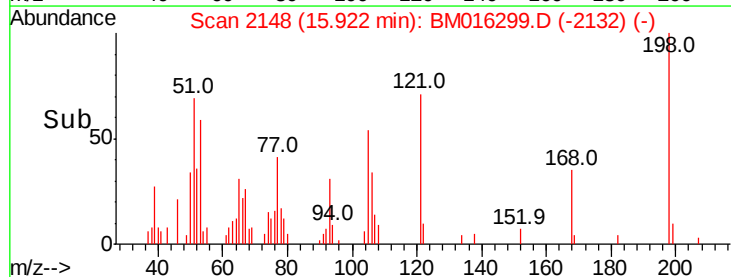
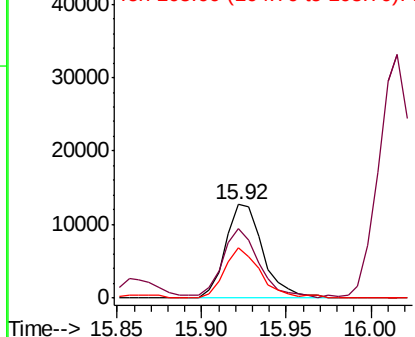


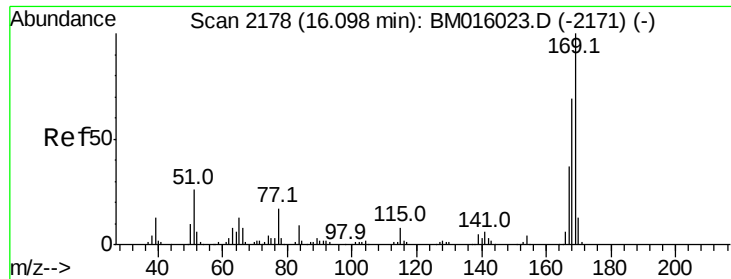
#64
4,6-Dinitro-2-methylphenol
Concen: 28.862 ng
RT: 15.92 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Tgt Ion:198 Resp: 19656
Ion Ratio Lower Upper
198 100
51 74.1 28.8 68.8#
105 53.7 30.5 70.5



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

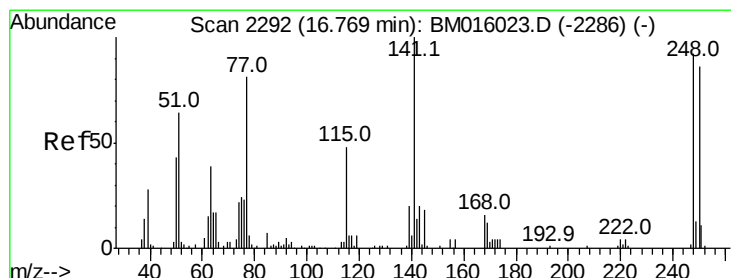
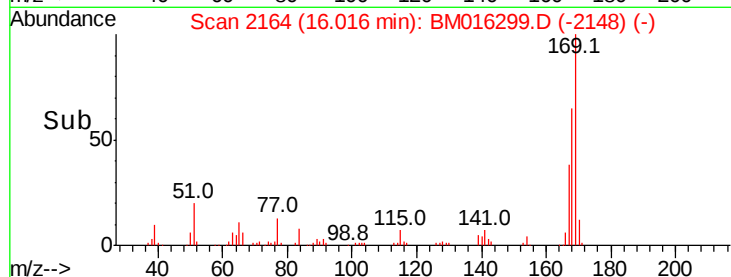
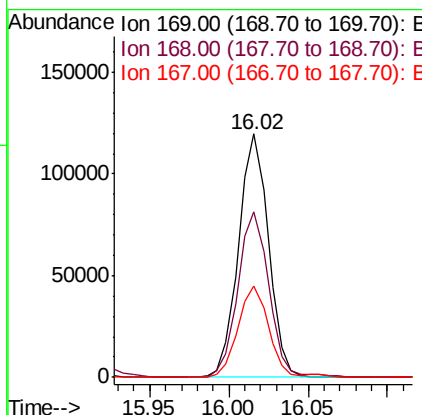
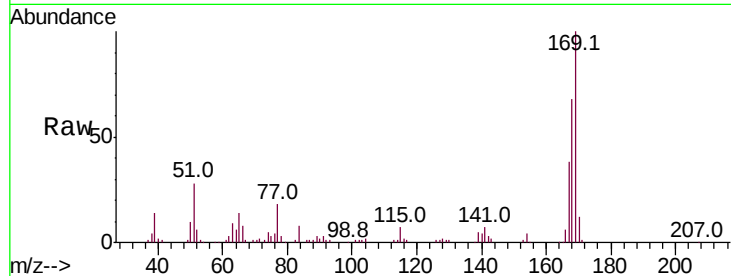




#65
 n-Nitrosodiphenylamine
 Concen: 42.463 ng
 RT: 16.02 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

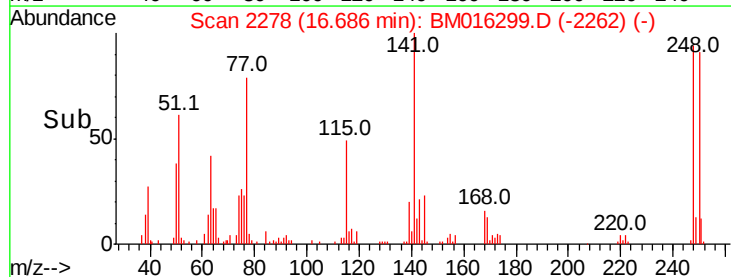
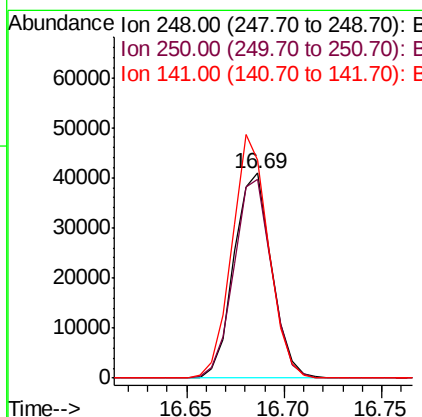
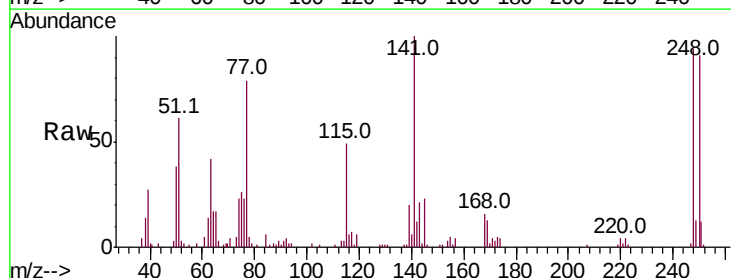
Instrument :
 BNA_M
 ClientSampleId :

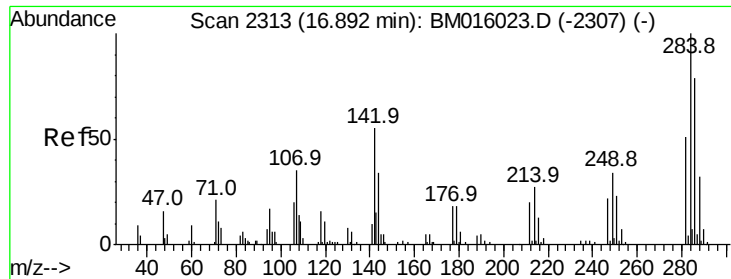
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.9	80.9
167	37.7	28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 43.032 ng
 RT: 16.69 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.4	116.0
141	106.1	45.2	67.8#

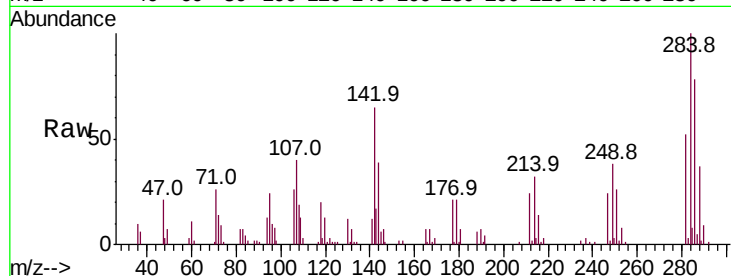




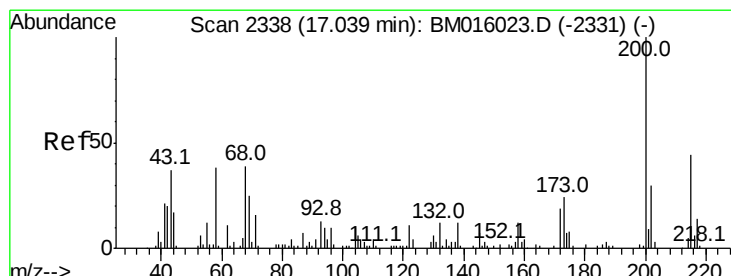
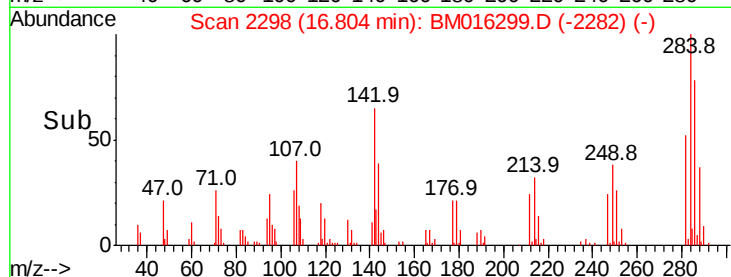
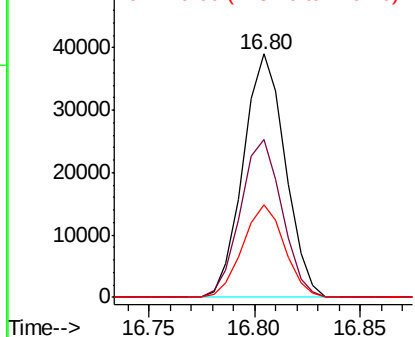
#67
Hexachlorobenzene
Concen: 38.523 ng
RT: 16.80 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	64.6	20.4	30.6#
249	37.9	23.8	35.6#

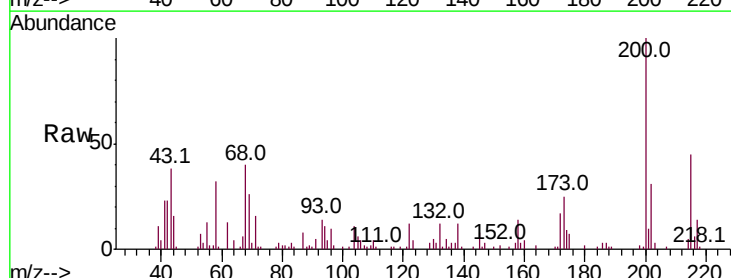


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

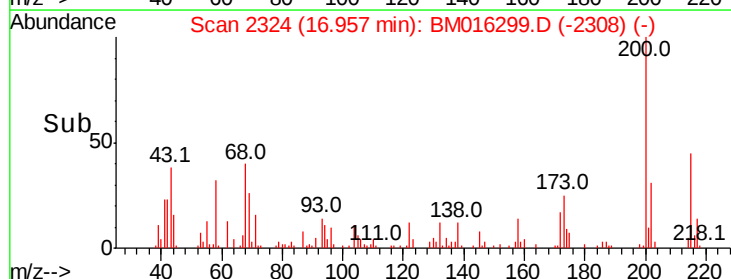
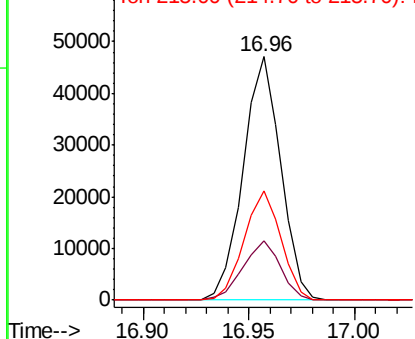


#68
Atrazine
Concen: 43.912 ng
RT: 16.96 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.6	4.8	44.8
215	45.0	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

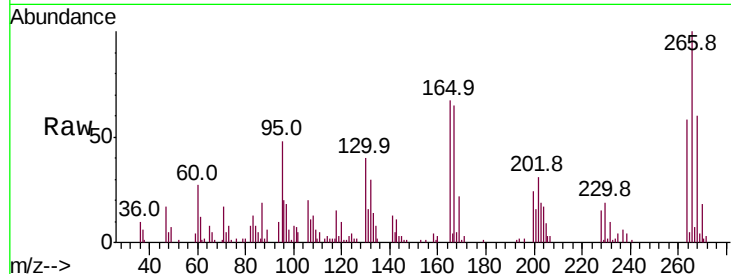




#69
 Pentachlorophenol
 Concen: 60.268 ng
 RT: 17.16 min Scan# 2358
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	59.7	52.0	78.0
264	58.3	49.0	73.4

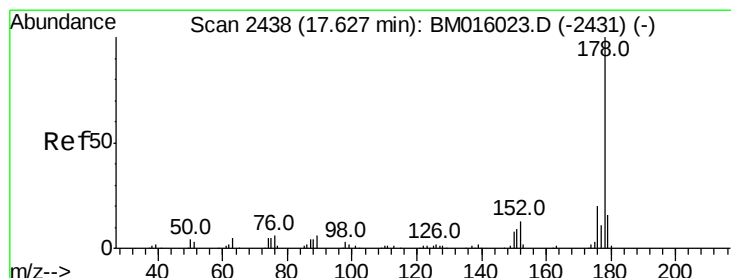
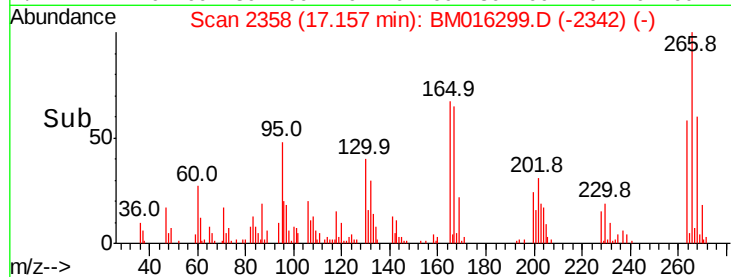
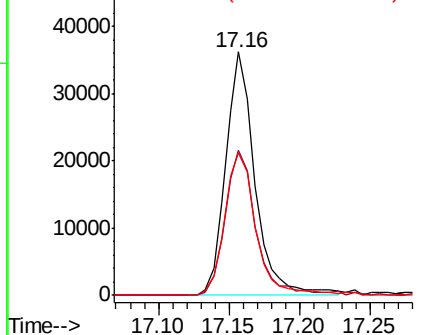


Abundance

Ion 265.70 (265.40 to 266.40): E

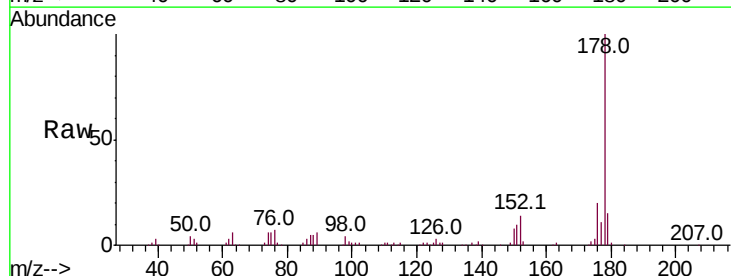
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.526 ng
 RT: 17.54 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.2	22.8
179	15.3	12.1	18.1

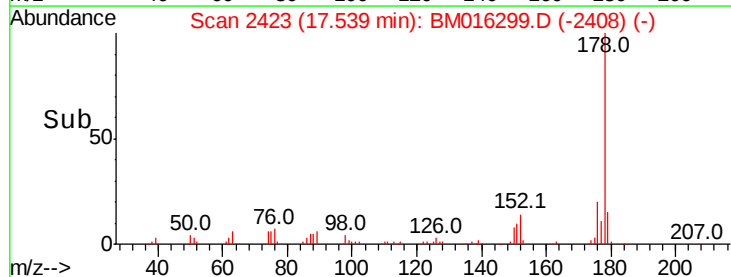
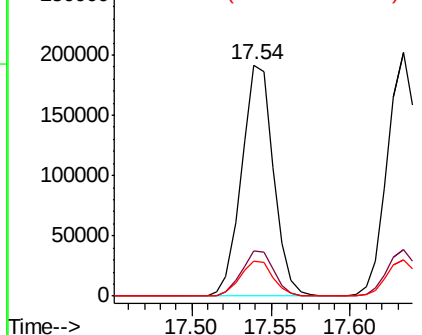


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.380 ng

RT: 17.63 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

Instrument :

BNA_M

ClientSampleId :

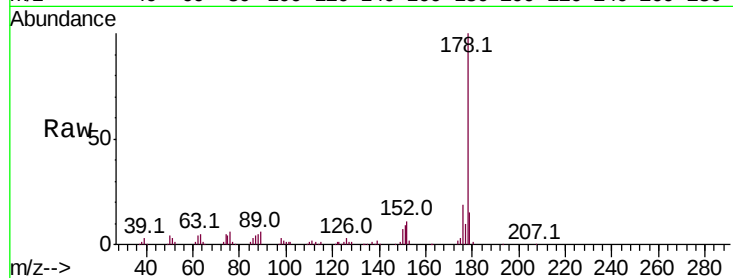
Tot Ion:178 Resp: 277054

Ion Ratio Lower Upper

178 100

176 19.3 14.6 22.0

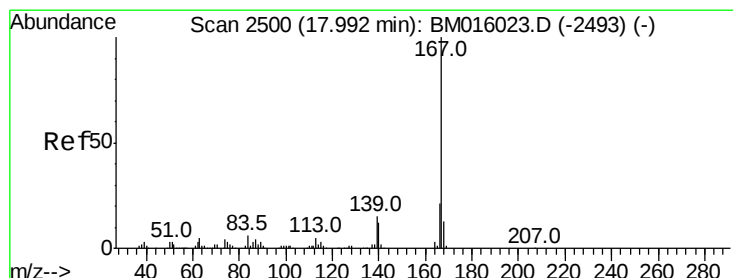
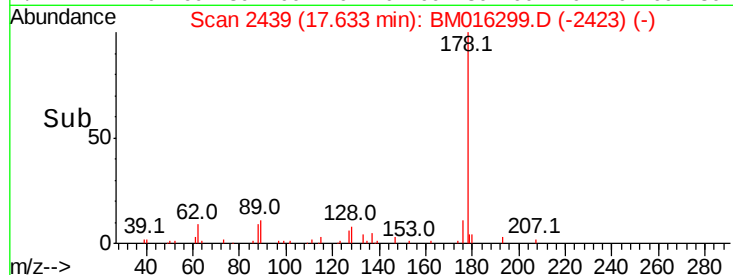
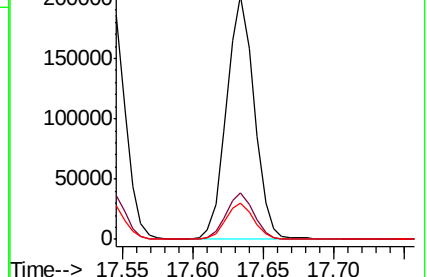
179 14.8 12.6 19.0



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



#72

Carbazole

Concen: 38.399 ng

RT: 17.91 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

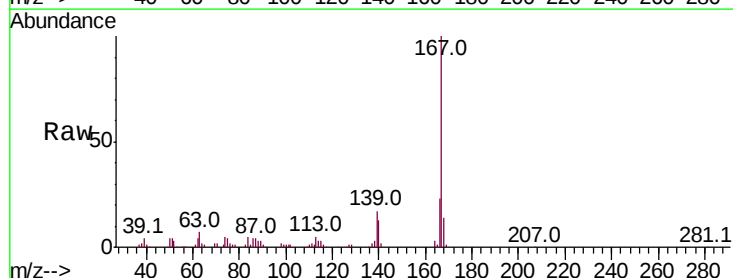
Tgt Ion:167 Resp: 242863

Ion Ratio Lower Upper

167 100

166 23.4 17.2 25.8

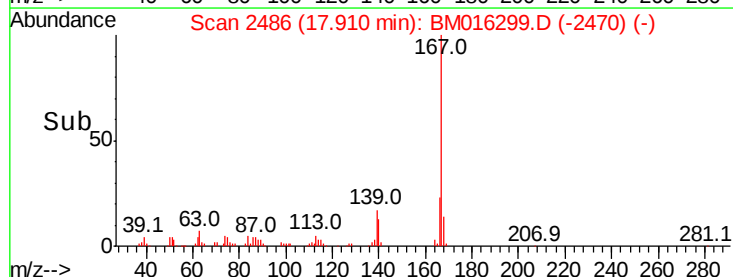
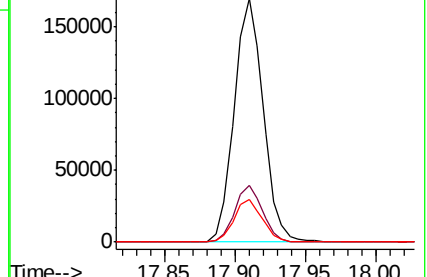
139 17.3 10.8 16.2#

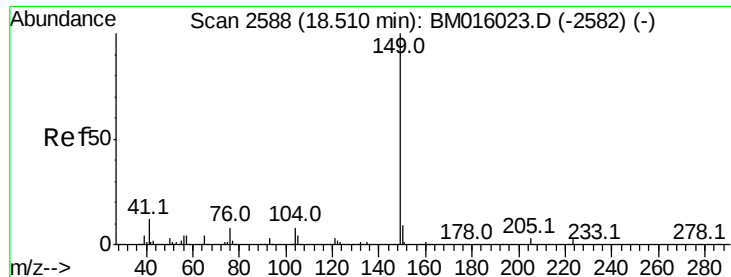


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

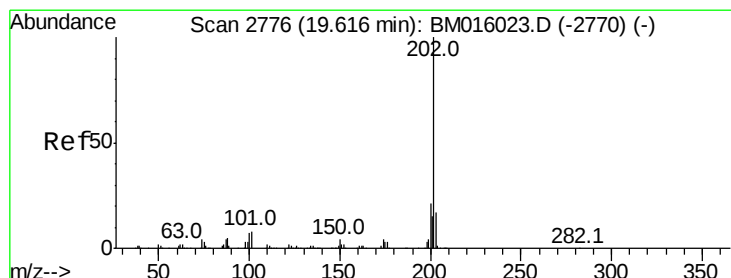
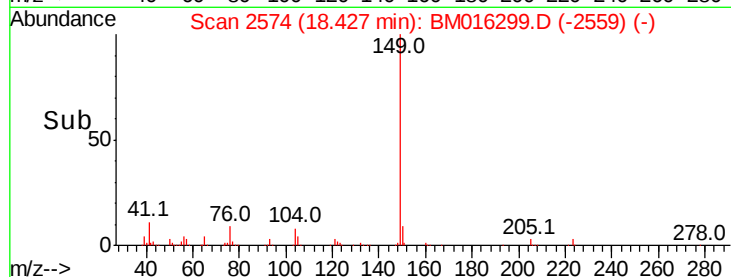
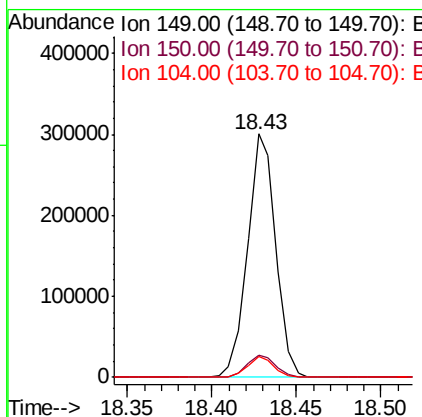
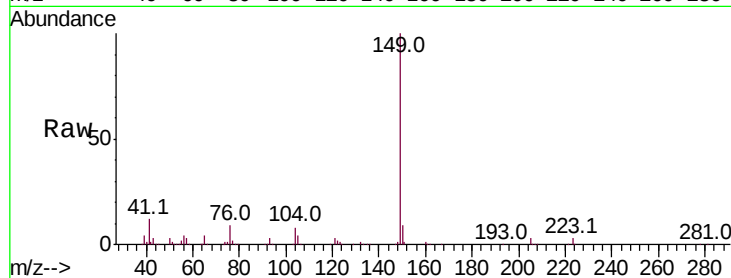




#73
Di-n-butylphthalate
Concen: 44.285 ng
RT: 18.43 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

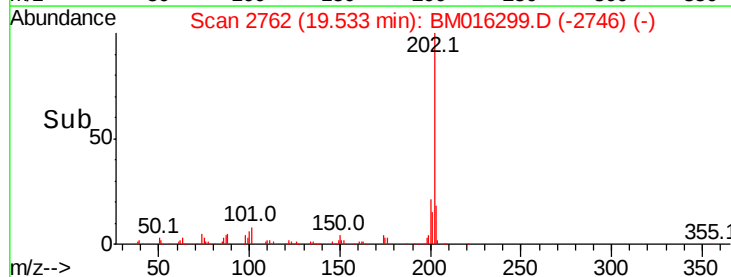
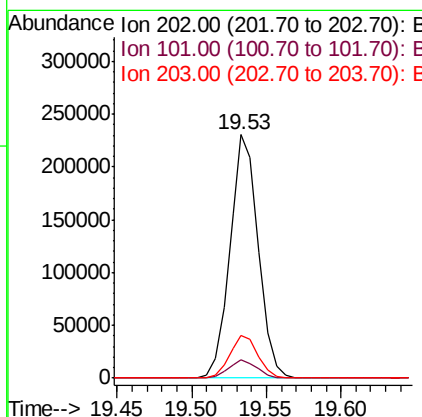
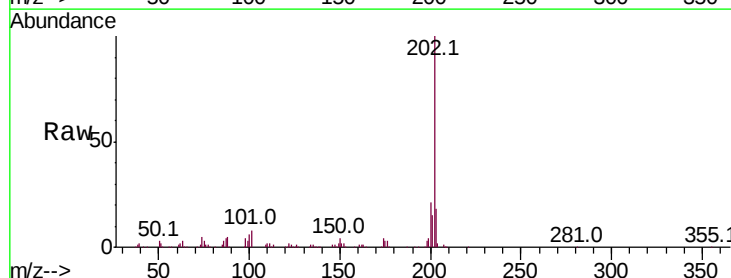
Instrument :
BNA_M
ClientSampleId :

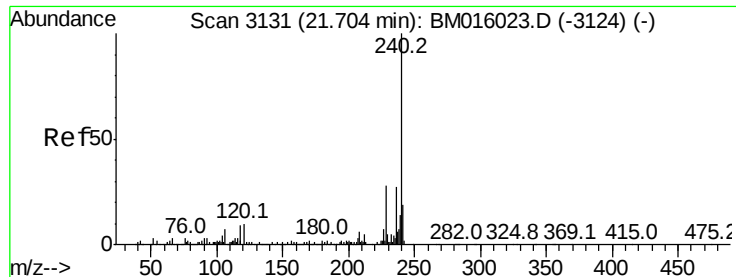
Tot Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	8.4	3.7	5.5#



#74
Fluoranthene
Concen: 43.407 ng
RT: 19.53 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	28.7
203	17.7	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

Instrument :

BNA_M

ClientSampleId :

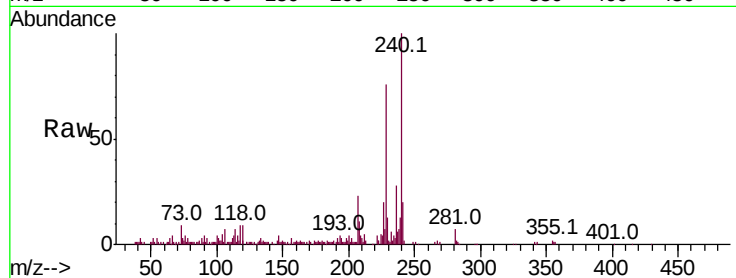
Tot Ion:240 Resp: 125996

Ion Ratio Lower Upper

240 100

120 8.7 8.2 12.2

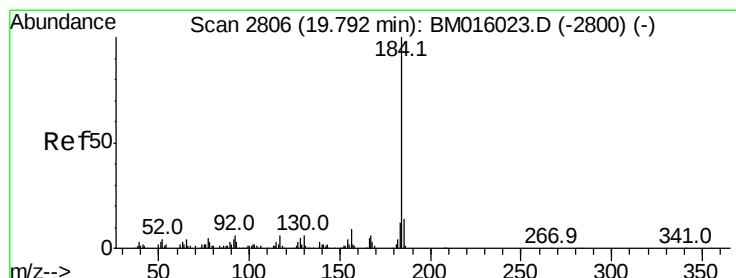
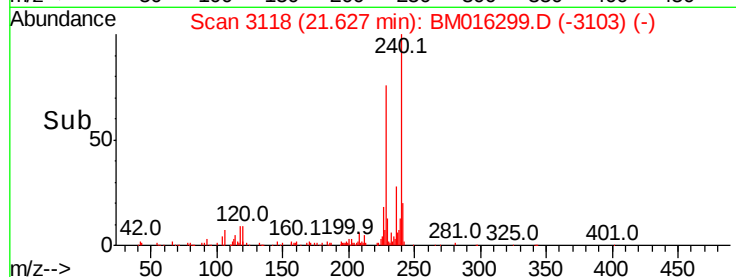
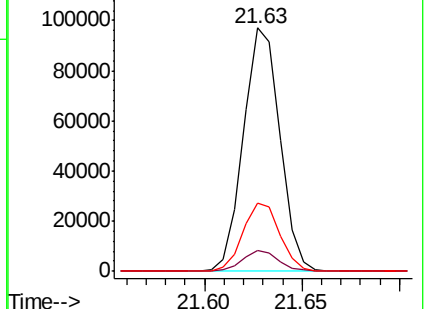
236 27.9 20.0 30.0



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: 58.438 ng

RT: 19.72 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

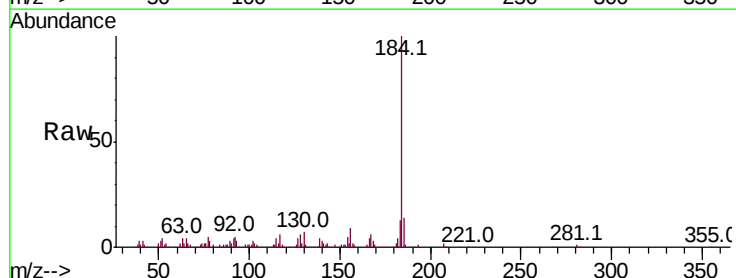
Tgt Ion:184 Resp: 205753

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

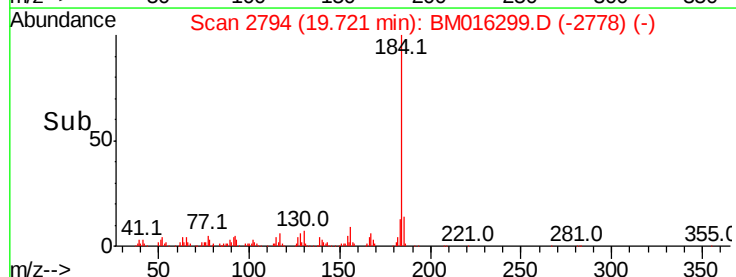
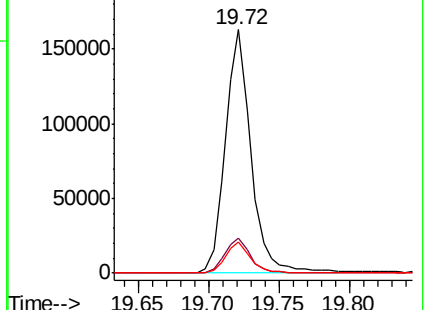
183 12.6 8.9 13.3

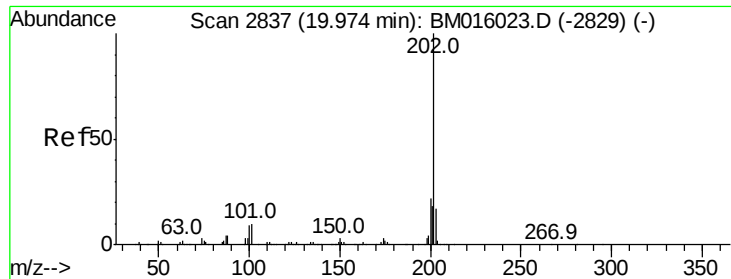


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

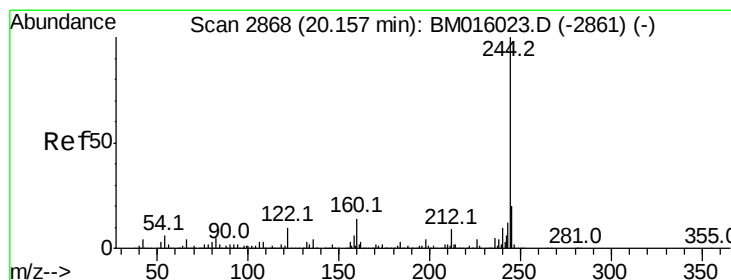
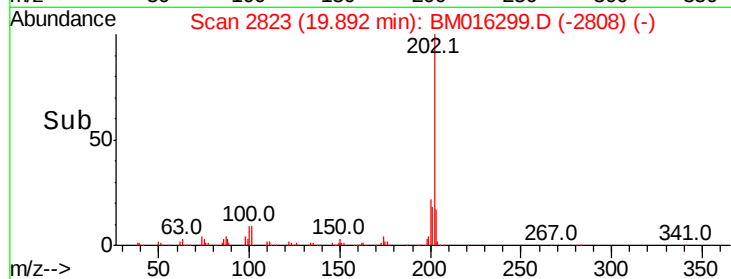
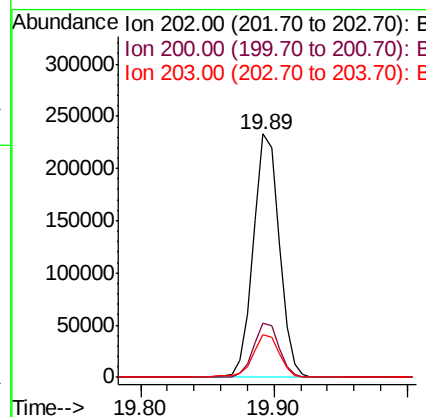
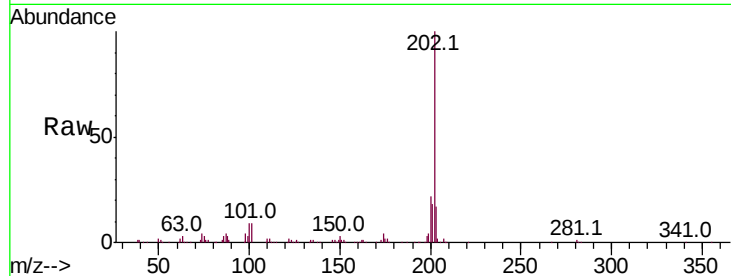




#77
Pvrene
Concen: 41.078 ng
RT: 19.89 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

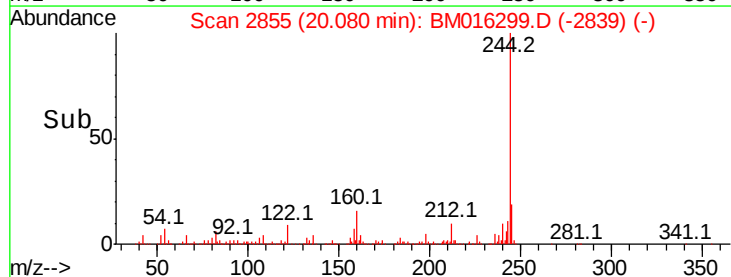
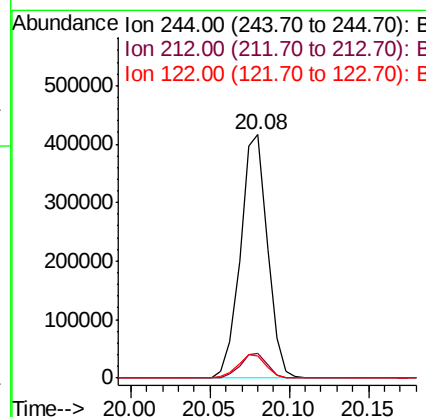
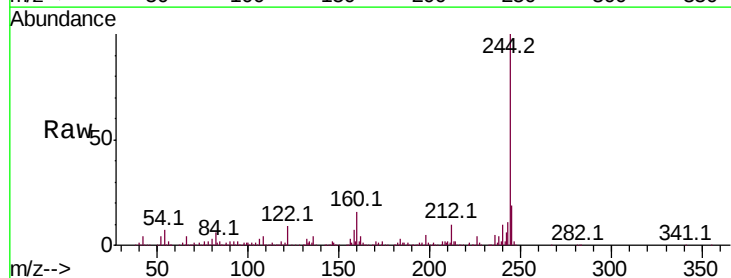
Instrument :
BNA_M
ClientSampleId :

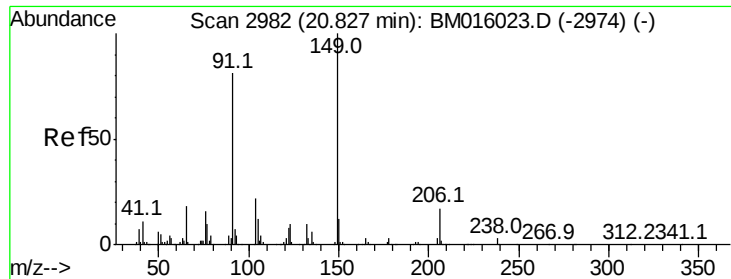
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.9	25.3
203	17.3	14.1	21.1



#78
Terphenyl-d14
Concen: 41.078 ng
RT: 20.08 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.3	4.9	7.3#
122	8.9	6.2	9.4

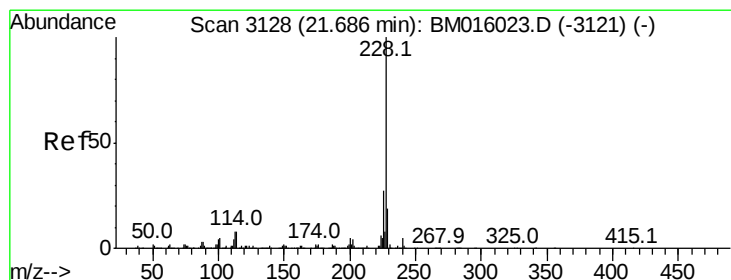
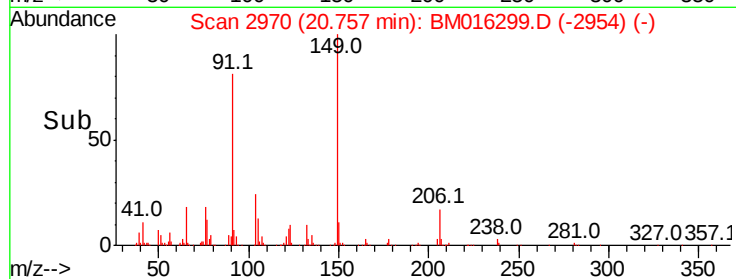
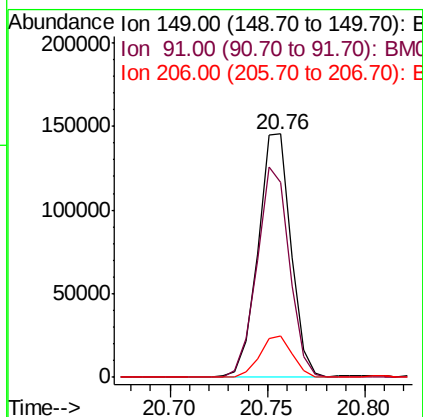
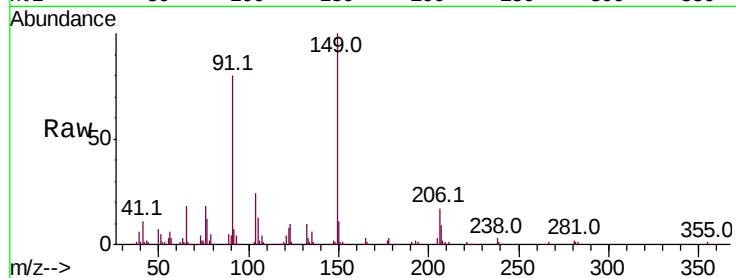




#79
Butylbenzylphthalate
Concen: 43.957 ng
RT: 20.76 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

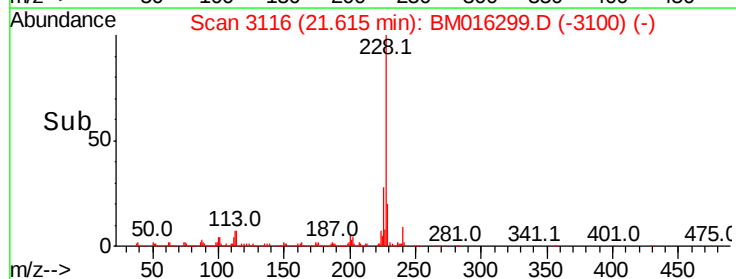
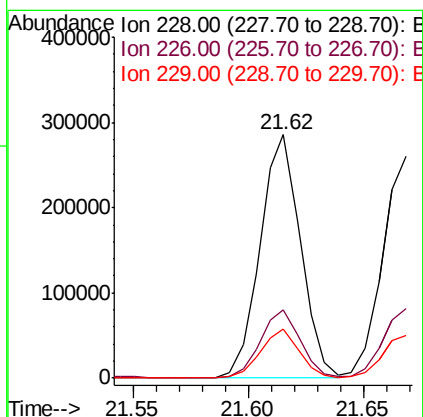
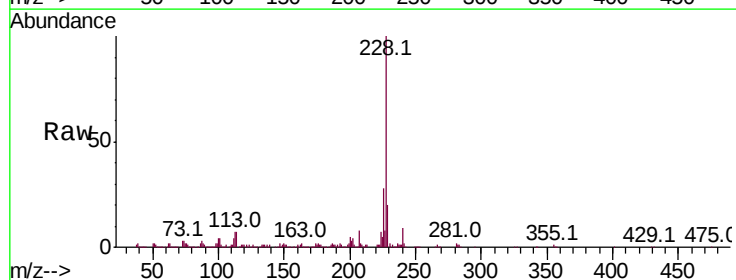
Instrument :
BNA_M
ClientSampleId :

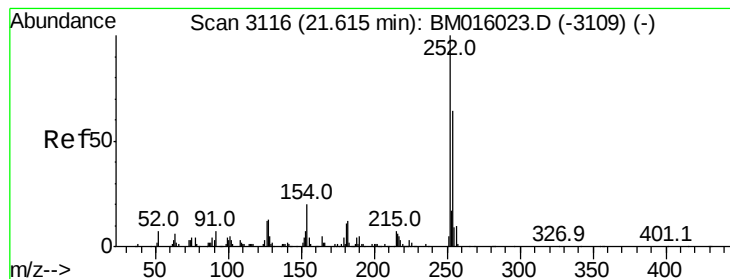
Tot Ion	Ratio	Lower	Upper
149	100		
91	80.3	50.1	75.1#
206	16.9	16.2	24.2



#80
Benzo(a)anthracene
Concen: 44.922 ng
RT: 21.62 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.7	32.5
229	20.2	16.0	24.0

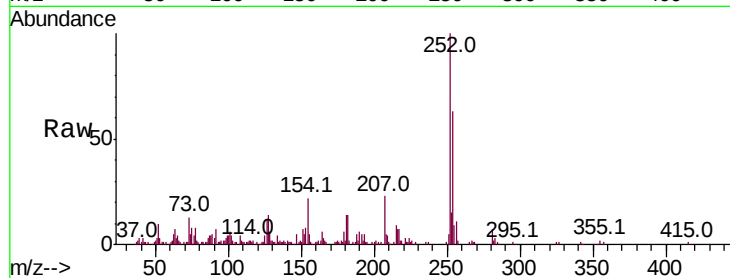




#81
 3,3'-Dichlorobenzidine
 Concen: 33.534 ng
 RT: 21.54 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.9	77.9
126	12.4	9.8	14.8

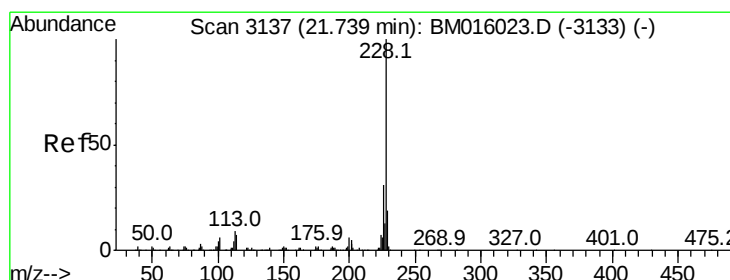
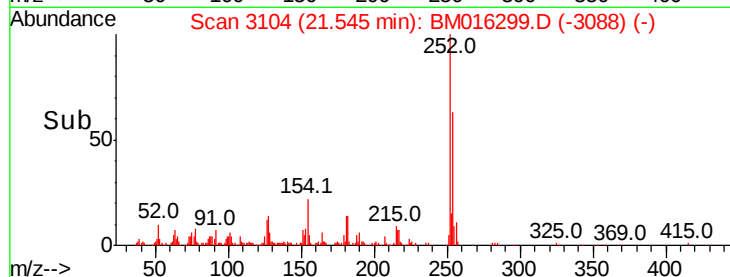
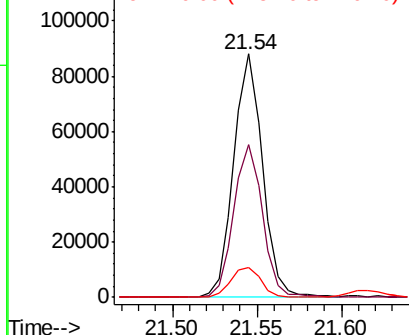


Abundance

Ion 252.00 (251.70 to 252.70): E

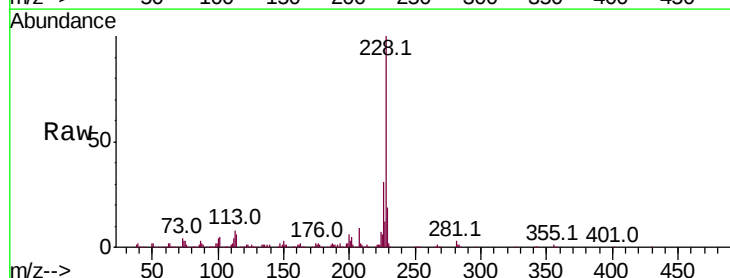
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 43.263 ng
 RT: 21.67 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.1	36.1
229	19.2	15.5	23.3

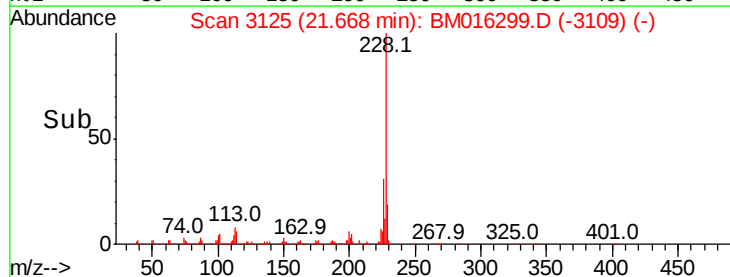
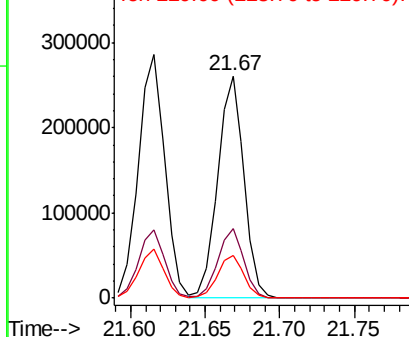


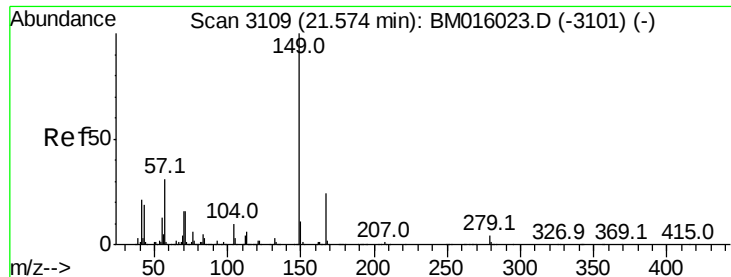
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.040 ng

RT: 21.50 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

Instrument :

BNA_M

ClientSampleId :

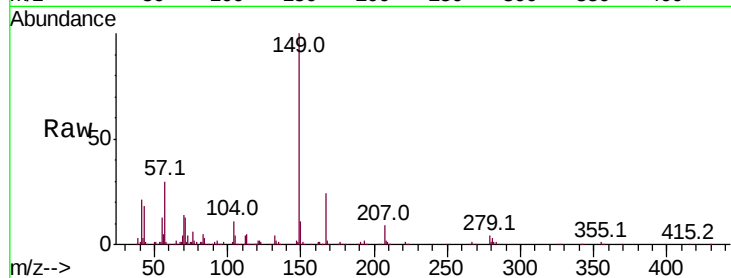
Tot Ion:149 Resp: 250373

Ion Ratio Lower Upper

149 100

167 23.9 22.4 33.6

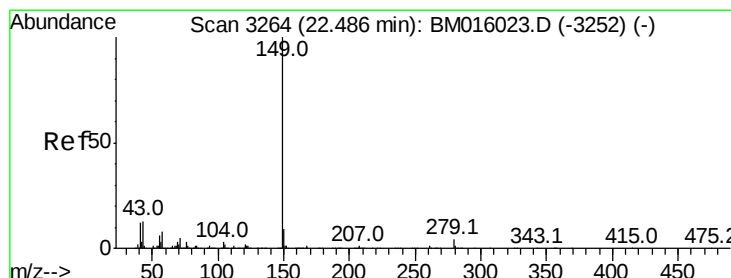
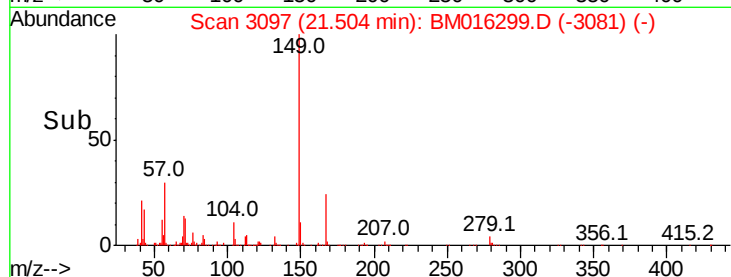
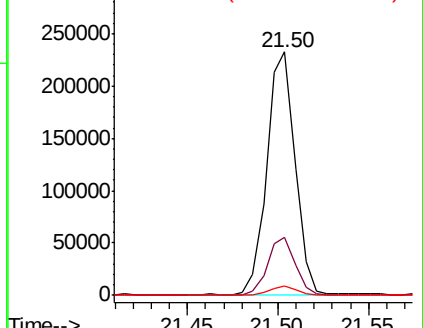
279 4.0 3.4 5.0



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: 46.792 ng

RT: 22.40 min Scan# 3250

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

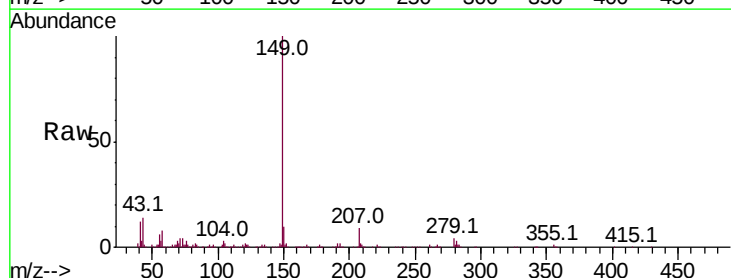
Tgt Ion:149 Resp: 437176

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

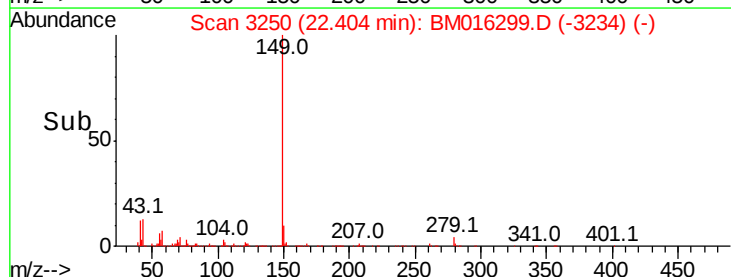
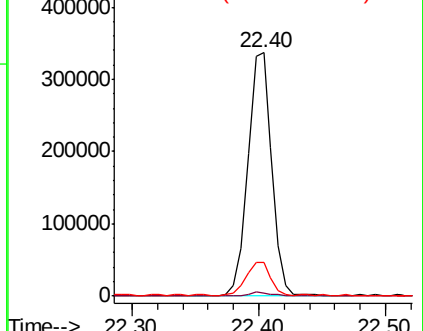
43 14.1 7.3 10.9#



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

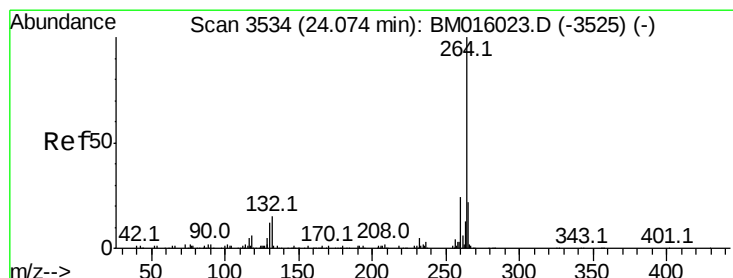
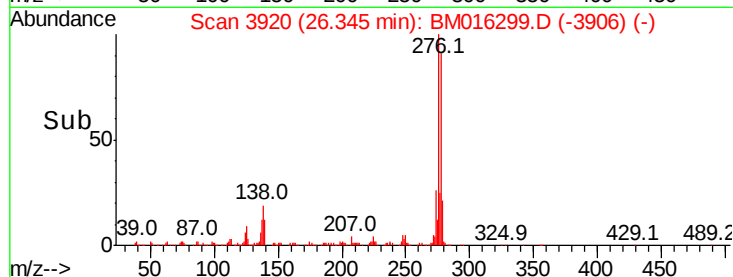
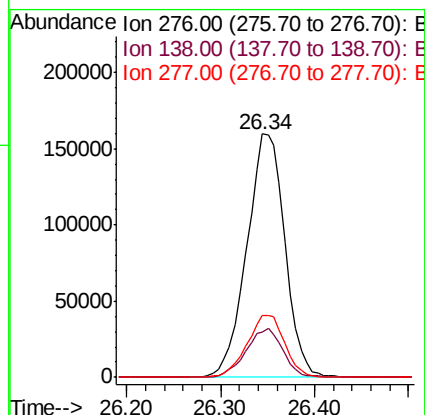
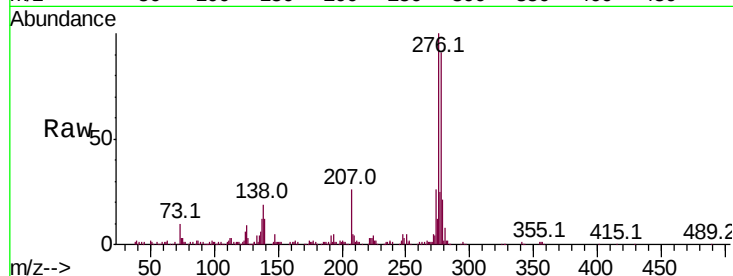




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.660 ng
 RT: 26.34 min Scan# 3920
 Delta R.T. -0.02 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

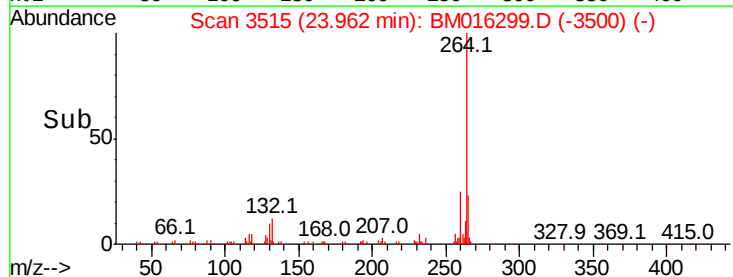
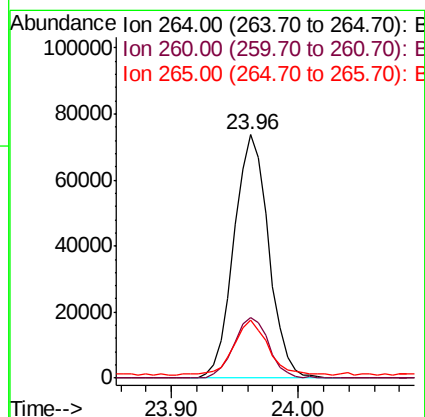
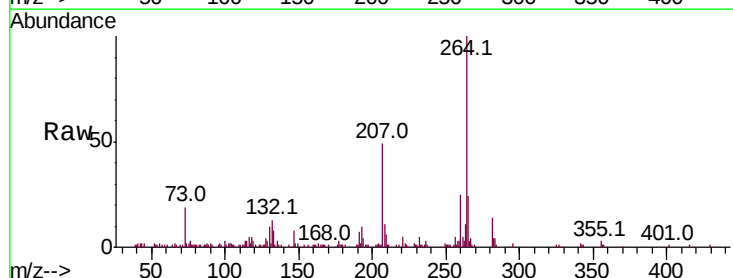
Instrument :
 BNA_M
 ClientSampleId :

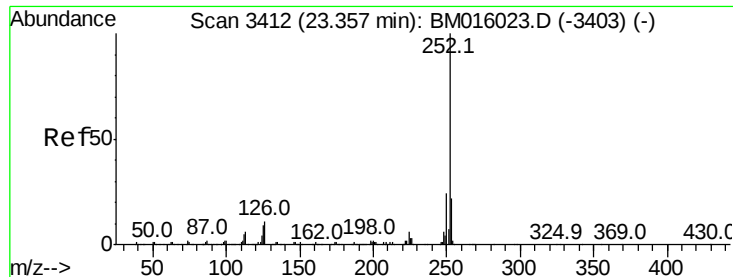
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	12.0	18.0#
277	25.2	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.96 min Scan# 3515
 Delta R.T. -0.01 min
 Lab File: BM016299.D
 Acq: 10 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	27.8
265	24.0	17.3	25.9

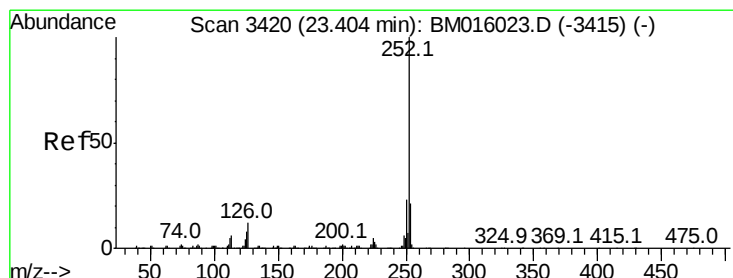
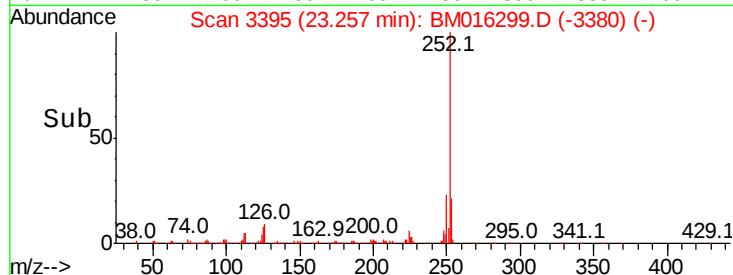
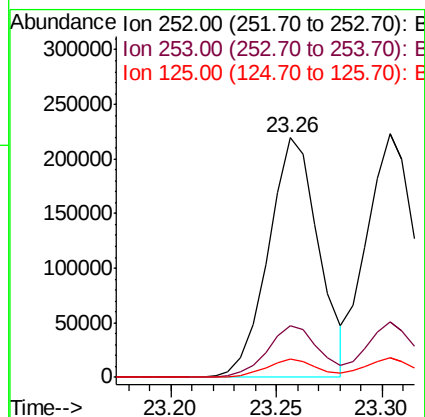
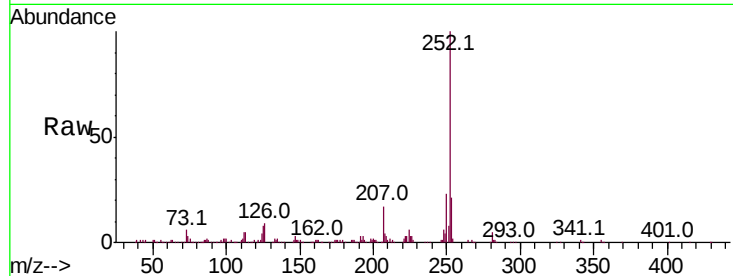




#87
Benzo(b)fluoranthene
Concen: 44.276 ng
RT: 23.26 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

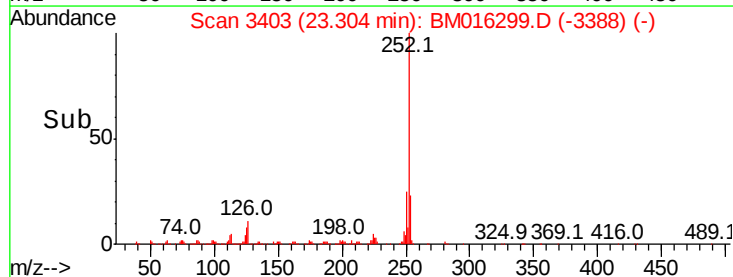
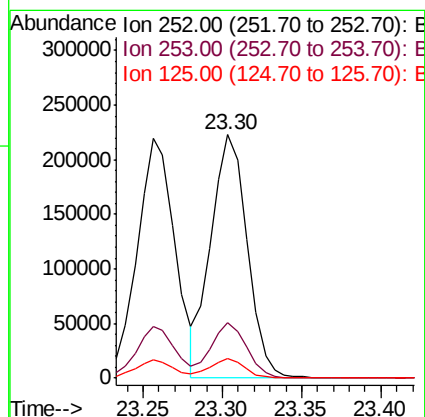
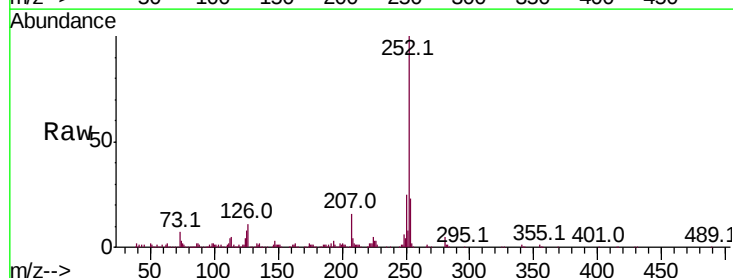
Instrument :
BNA_M
ClientSampleId :

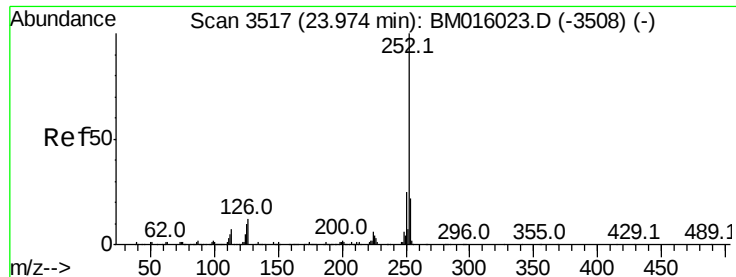
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	7.9	9.9	14.9#



#88
Benzo(k)fluoranthene
Concen: 42.605 ng
RT: 23.30 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM016299.D
Acq: 10 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	7.8	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 45.539 ng

RT: 23.86 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

Instrument :

BNA_M

ClientSampled :

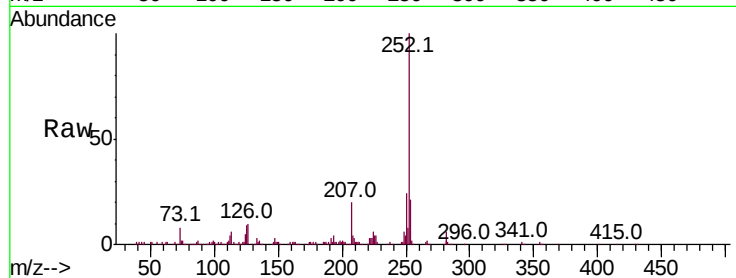
Tot Ion:252 Resp: 359514

Ion Ratio Lower Upper

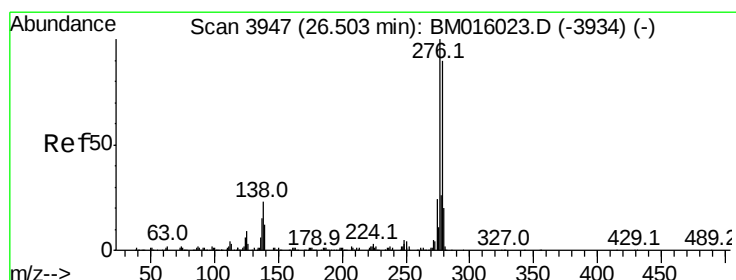
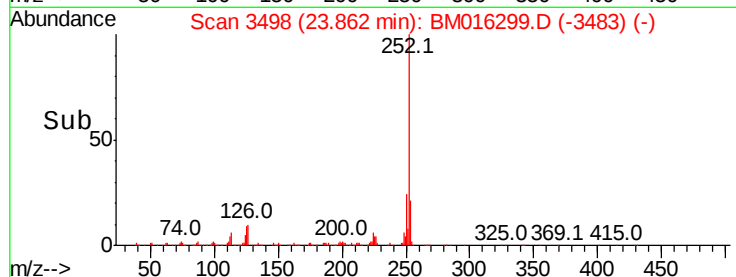
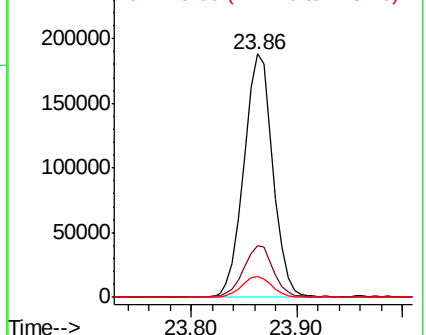
252 100

253 21.0 17.6 26.4

125 8.8 7.4 11.2



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



#90

Dibenzo(a,h)anthracene

Concen: 46.216 ng

RT: 26.34 min Scan# 3920

Delta R.T. -0.02 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

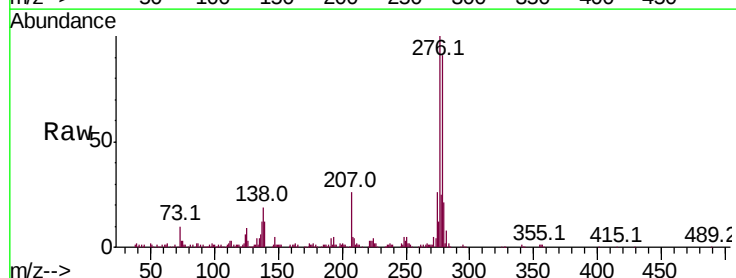
Tgt Ion:278 Resp: 378019

Ion Ratio Lower Upper

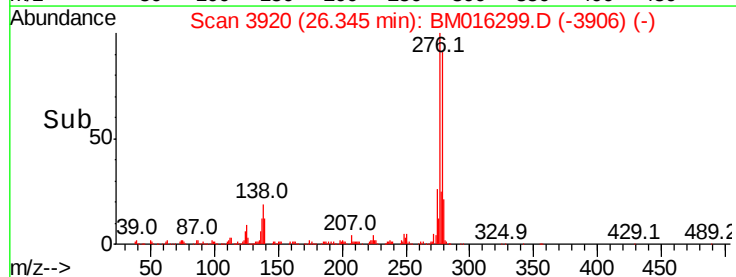
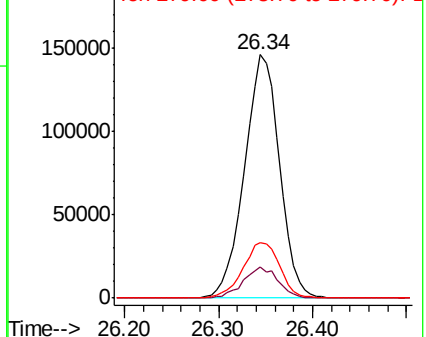
278 100

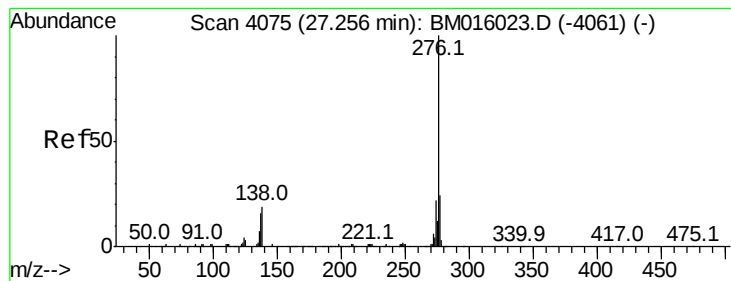
139 12.7 13.4 20.0#

279 22.8 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 46.477 ng

RT: 27.09 min Scan# 4046

Delta R.T. -0.01 min

Lab File: BM016299.D

Acq: 10 Aug 2018 16:58

Instrument :

BNA_M

ClientSampleId :

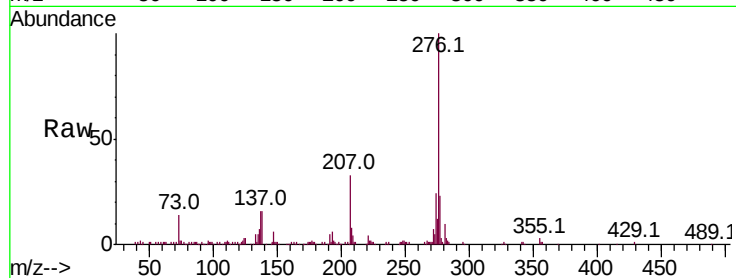
Tot Ion:276 Resp: 359548

Ion Ratio Lower Upper

276 100

277 22.7 18.5 27.7

138 15.8 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

