

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021519\
 Data File : BM018823.D
 Acq On : 15 Feb 2019 18:55
 Operator : JU/SJ
 Sample : K1501-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

Quant Time: Feb 15 22:22:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	331983	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1354592	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	765230	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1682792	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1680386	20.00	ng	0.00
87) Perylene-d12	23.56	264	1417024	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	4197176	207.15	ng	0.00
7) Phenol-d6	6.89	99	5976129	209.37	ng	0.00
23) Nitrobenzene-d5	8.88	82	3846616	131.30	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	2327932	211.04	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	7147506	123.99	ng	0.00
79) Terphenyl-d14	19.74	244	10600522	130.14	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.25	88	413436	46.849 ng	98
3) Pyridine	3.65	79	1236475	51.366 ng	100
4) n-Nitrosodimethylamine	3.57	42	426655	69.672 ng	99
6) Aniline	7.06	93	1680629	48.055 ng	99
8) 2-Chlorophenol	7.28	128	1418883	63.783 ng	99
9) Benzaldehyde	6.86	77	821028	59.940 ng	98
10) Phenol	6.92	94	2082459	69.338 ng	99
11) bis(2-Chloroethyl)ether	7.15	93	1361625	59.433 ng	99
12) 1,3-Dichlorobenzene	7.59	146	1411059	56.411 ng	99
13) 1,4-Dichlorobenzene	7.75	146	1448008	56.862 ng	100
14) 1,2-Dichlorobenzene	8.06	146	1398258	57.163 ng	99
15) Benzyl Alcohol	7.96	79	1433790	63.217 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	1305150	58.860 ng	99
17) 2-Methylphenol	8.16	107	1235588	64.638 ng	99
18) Hexachloroethane	8.77	117	544171	58.538 ng	97
19) n-Nitroso-di-n-propylamine	8.52	70	1309129	59.235 ng	99
20) 3+4-Methylphenols	8.49	107	1691323	64.075 ng	99
22) Acetophenone	8.54	105	2159696	58.057 ng	# 99
24) Nitrobenzene	8.92	77	1855902	61.031 ng	100
25) Isophorone	9.44	82	3265029	69.849 ng	100
26) 2-Nitrophenol	9.62	139	776045	64.083 ng	98
27) 2,4-Dimethylphenol	9.68	122	1300916	73.551 ng	99
28) bis(2-Chloroethoxy)methane	9.92	93	1911411	63.234 ng	99
29) 2,4-Dichlorophenol	10.15	162	1343707	66.162 ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	1379499	58.816 ng	98
31) Naphthalene	10.55	128	4233822	64.086 ng	99
32) Benzoic acid	9.86	122	859007	55.676 ng	97
33) 4-Chloroaniline	10.67	127	445007	15.069 ng	98
34) Hexachlorobutadiene	10.81	225	754207	55.400 ng	99
35) Caprolactam	11.51	113	222002	26.784 ng	96
36) 4-Chloro-3-methylphenol	11.80	107	1566742	63.985 ng	98
37) 2-Methylnaphthalene	12.16	142	3124180	67.167 ng	99
38) 1-Methylnaphthalene	12.39	142	2974860	65.404 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1480290	60.472 ng	99

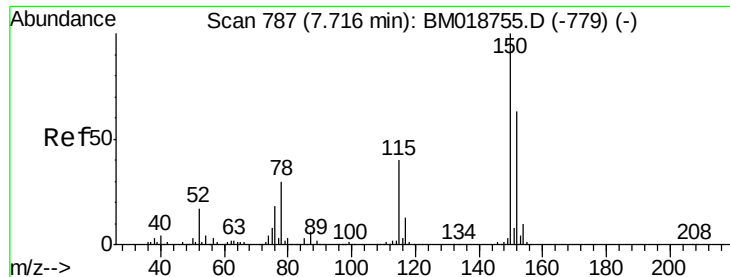
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021519\
 Data File : BM018823.D
 Acq On : 15 Feb 2019 18:55
 Operator : JU/SJ
 Sample : K1501-01MSD
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Quant Time: Feb 15 22:22:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1704395	136.184	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	1080106	66.652	ng	98
44) 2,4,5-Trichlorophenol	12.86	196	1145663	67.451	ng	99
46) 1,1'-Biphenyl	13.19	154	3945188	59.894	ng	100
47) 2-Chloronaphthalene	13.23	162	3080809	60.555	ng	99
48) 2-Nitroaniline	13.46	65	1103882	65.330	ng	99
49) Acenaphthylene	14.08	152	5021101	66.280	ng	99
50) Dimethylphthalate	13.83	163	4390875	68.850	ng	99
51) 2,6-Dinitrotoluene	13.96	165	883696	63.967	ng	97
52) Acenaphthene	14.43	154	2905276	62.544	ng	100
53) 3-Nitroaniline	14.29	138	446563	28.609	ng	99
54) 2,4-Dinitrophenol	14.50	184	1033238	115.142	ng	98
55) Dibenzofuran	14.76	168	4691020	61.441	ng	99
56) 4-Nitrophenol	14.61	139	1556008	124.874	ng	97
57) 2,4-Dinitrotoluene	14.75	165	1260205	66.207	ng	98
58) Fluorene	15.41	166	3861774	66.114	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	1026074	68.344	ng	100
60) Diethylphthalate	15.19	149	4047982	61.533	ng	99
61) 4-Chlorophenyl-phenylether	15.41	204	1934759	59.077	ng	96
62) 4-Nitroaniline	15.46	138	897917	58.677	ng	98
63) Azobenzene	15.70	77	4369368	61.945	ng	98
65) 4,6-Dinitro-2-methylphenol	15.50	198	706656	59.810	ng	99
66) n-Nitrosodiphenylamine	15.63	169	3353206	63.070	ng	99
67) 4-Bromophenyl-phenylether	16.30	248	1150502	61.080	ng	99
68) Hexachlorobenzene	16.40	284	1330083	60.751	ng	99
69) Atrazine	16.59	200	1112232	64.891	ng	100
70) Pentachlorophenol	16.76	266	1776196	125.998	ng	100
71) Phenanthrene	17.16	178	5920664	65.468	ng	100
72) Anthracene	17.24	178	6071120	68.971	ng	99
73) Carbazole	17.52	167	5556308	60.418	ng	100
74) Di-n-butylphthalate	18.07	149	6992468	66.113	ng	99
75) Fluoranthene	19.17	202	6815852	65.245	ng	97
77) Benzidine	19.37	184	3836387	101.372	ng	100
78) Pyrene	19.54	202	6946715	71.179	ng	99
80) Butylbenzylphthalate	20.44	149	3326418	74.788	ng	97
81) Benzo(a)anthracene	21.29	228	6572153	67.095	ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	1444996	37.326	ng	99
83) Chrysene	21.34	228	6150488	65.510	ng	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	4783671	73.484	ng	100
85) Di-n-octyl phthalate	22.10	149	7937460	72.547	ng	100
86) Indeno(1,2,3-cd)pyrene	25.86	276	5807635	53.578	ng	99
88) Benzo(b)fluoranthene	22.89	252	5783735	71.340	ng	100
89) Benzo(k)fluoranthene	22.93	252	5862868	72.638	ng	100
90) Benzo(a)pyrene	23.47	252	5391793	70.203	ng	99
91) Dibenzo(a,h)anthracene	25.87	278	4960935	65.197	ng	99
92) Benzo(g,h,i)perylene	26.56	276	4616041	65.162	ng	100

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

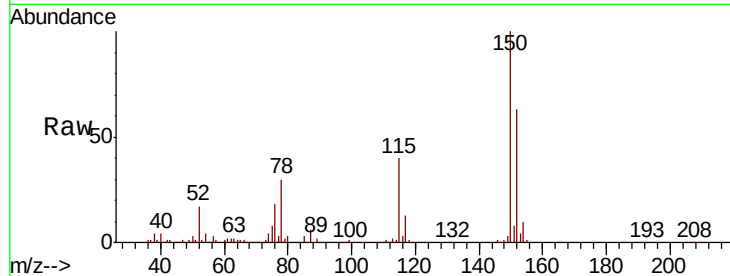


#1

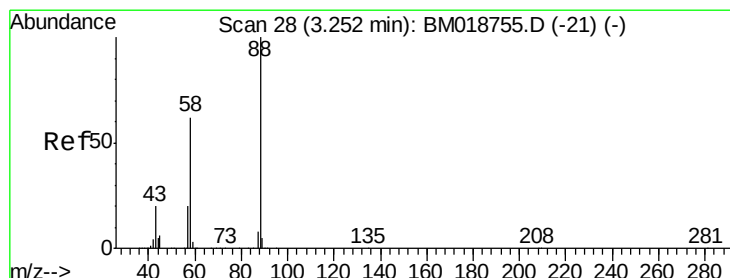
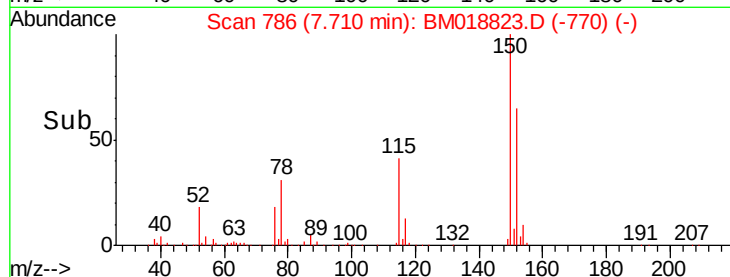
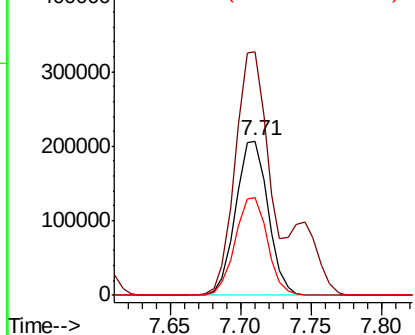
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tgt Ion:152 Resp: 331983
Ion Ratio Lower Upper
152 100
150 157.8 127.3 190.9
115 63.3 50.8 76.2



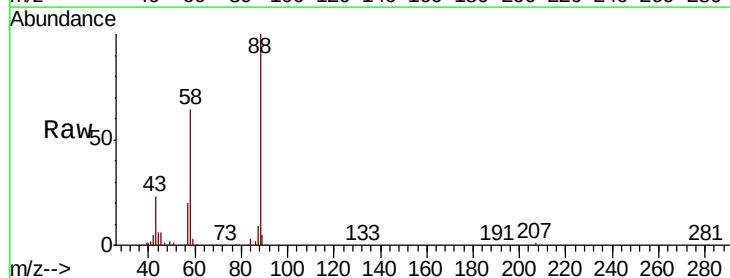
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



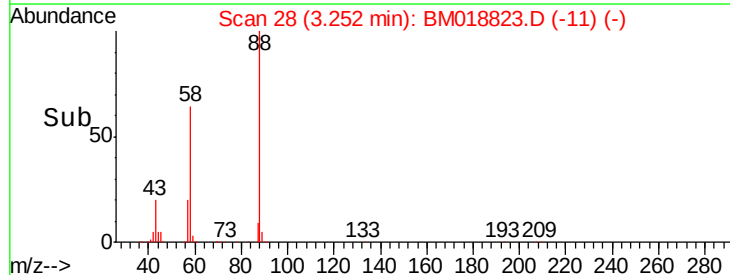
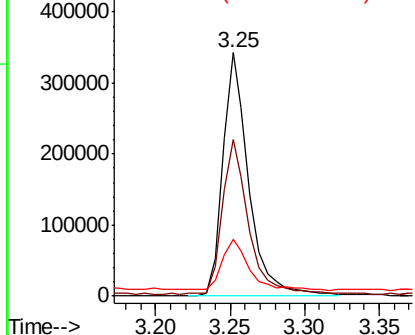
#2

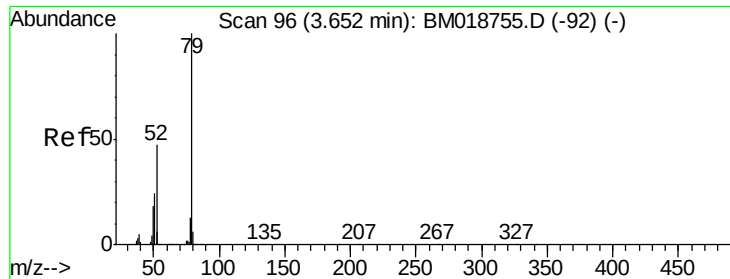
1,4-Dioxane
Concen: 46.849 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion: 88 Resp: 413436
Ion Ratio Lower Upper
88 100
58 64.4 49.8 74.6
43 21.3 16.7 25.1



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





#3

Pyridine

Concen: 51.366 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

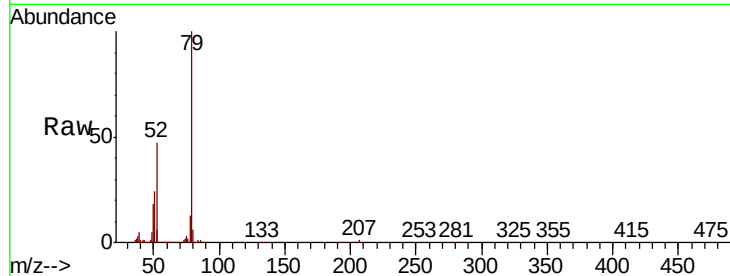
Tgt Ion: 79 Resp: 1236475

Ion Ratio Lower Upper

79 100

52 46.9 37.6 56.4

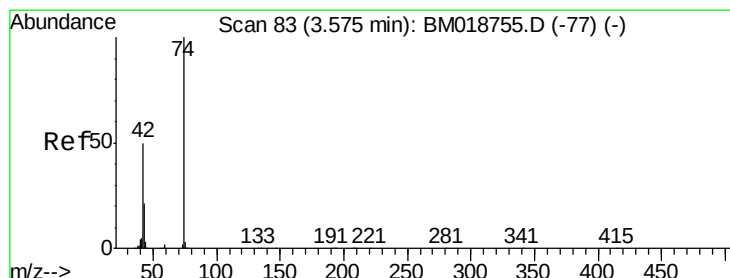
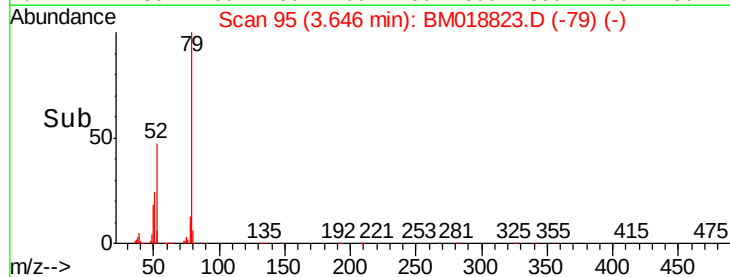
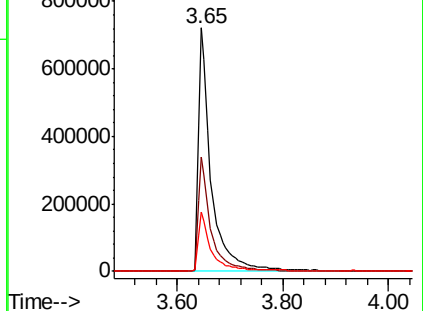
51 24.1 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 69.672 ng

RT: 3.57 min Scan# 82

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

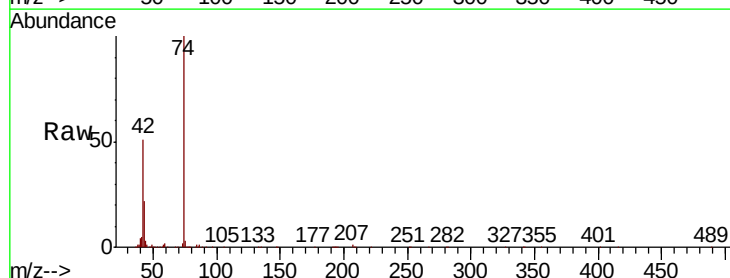
Tgt Ion: 42 Resp: 426655

Ion Ratio Lower Upper

42 100

74 195.3 158.1 237.1

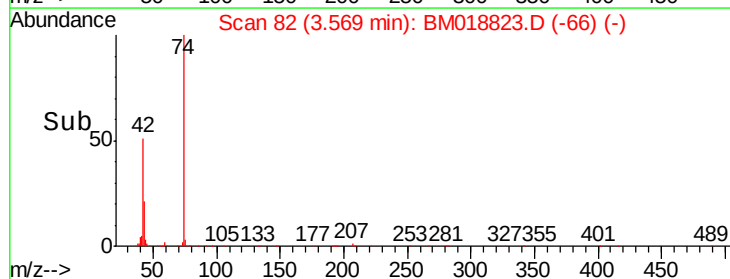
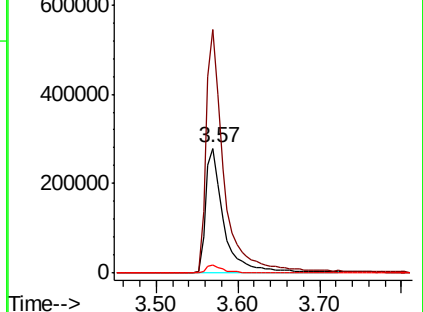
44 6.1 4.9 7.3

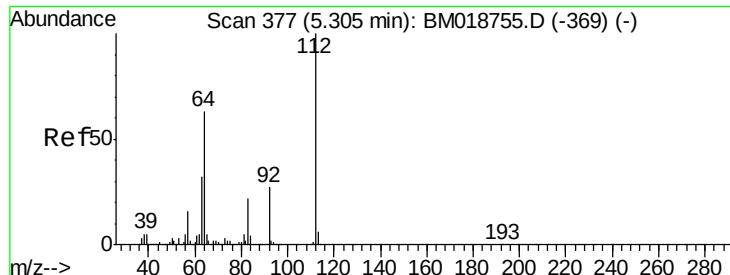


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 207.148 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

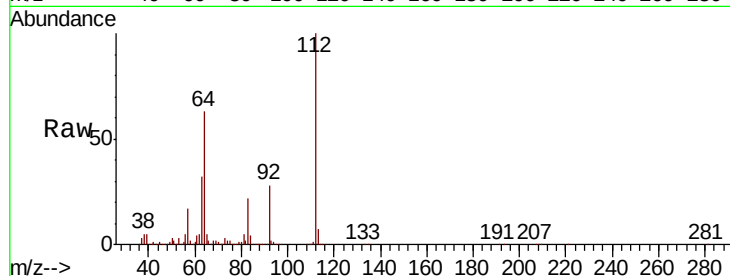
Tgt Ion: 112 Resp: 4197176

Ion Ratio Lower Upper

112 100

64 63.3 50.6 75.8

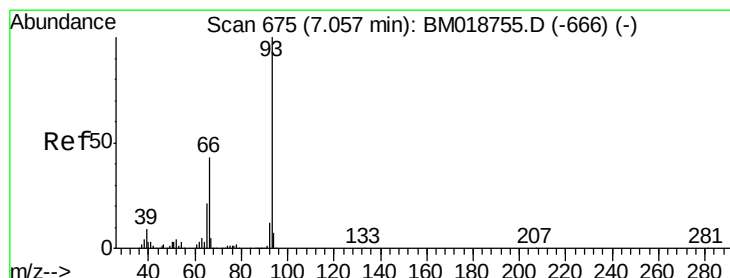
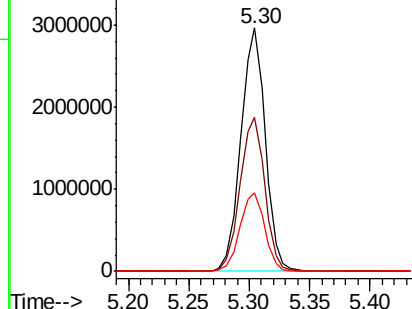
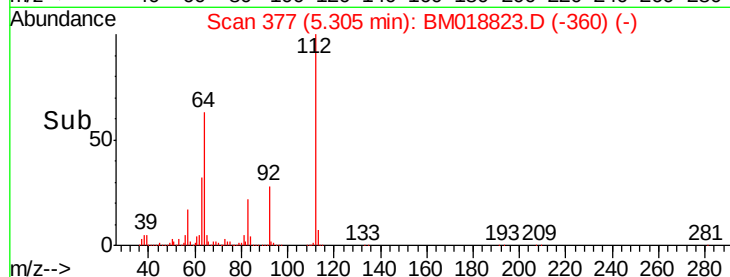
63 32.4 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 48.055 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

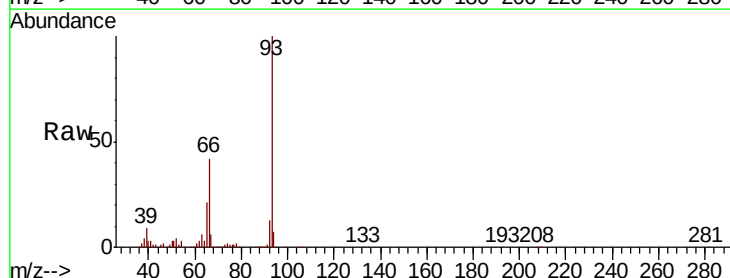
Tgt Ion: 93 Resp: 1680629

Ion Ratio Lower Upper

93 100

66 41.9 34.1 51.1

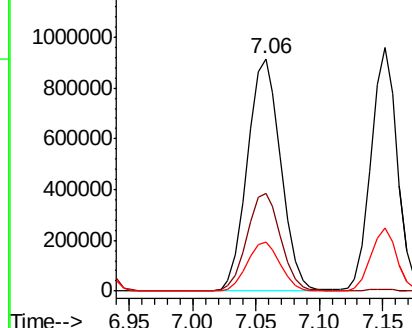
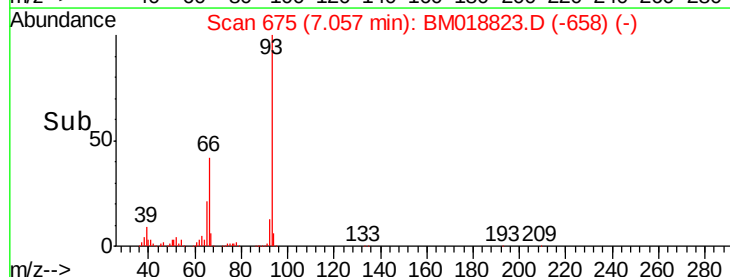
65 20.9 16.6 24.8

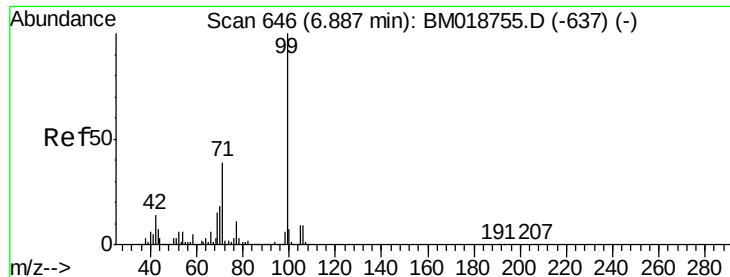


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 209.367 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

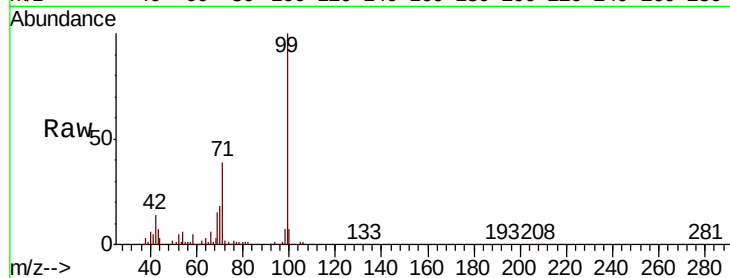
Tgt Ion: 99 Resp: 5976129

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

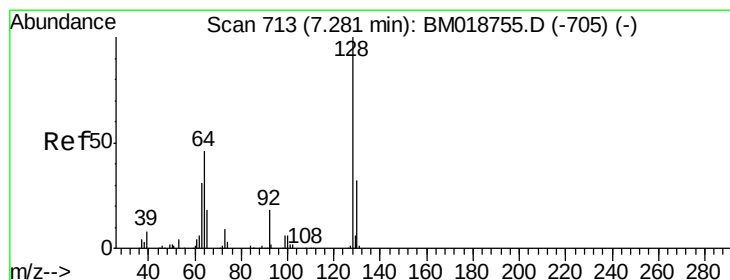
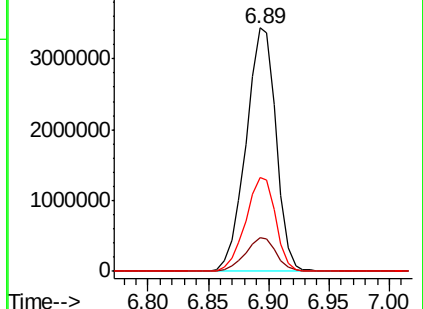
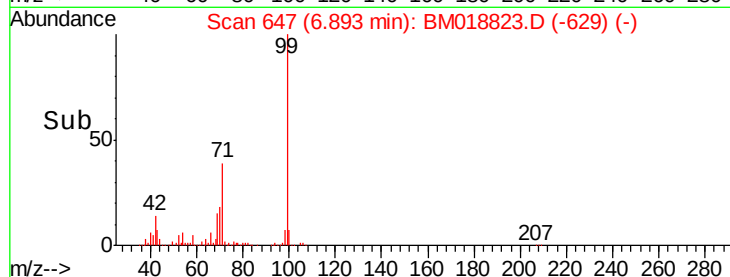
71 38.7 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018823.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018823.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018823.D (-629) (-)



#8

2-Chlorophenol

Concen: 63.783 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

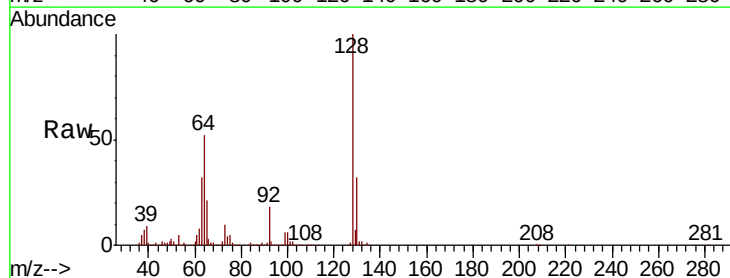
Tgt Ion: 128 Resp: 1418883

Ion Ratio Lower Upper

128 100

130 32.3 11.7 51.7

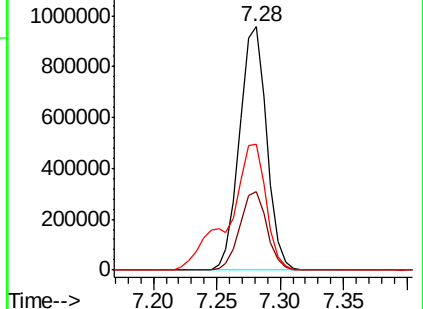
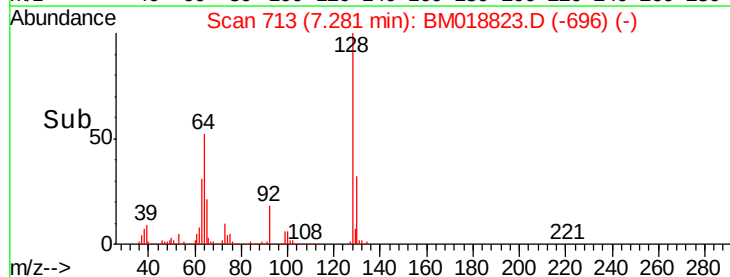
64 51.8 31.0 71.0

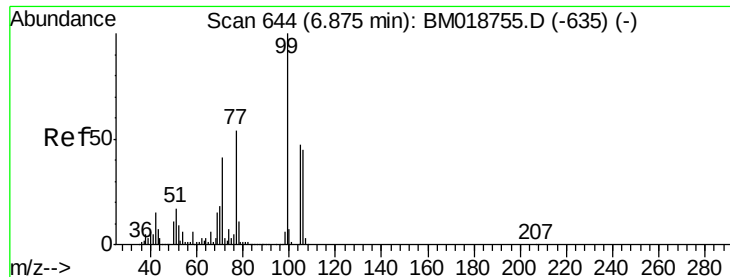


Abundance Ion 128.00 (127.70 to 128.70): BM018823.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018823.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018823.D (-696) (-)





#9

Benzaldehyde

Concen: 59.940 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

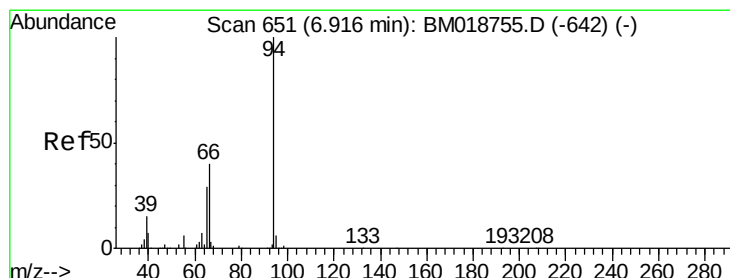
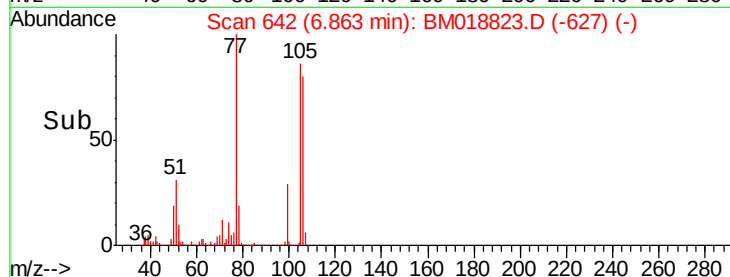
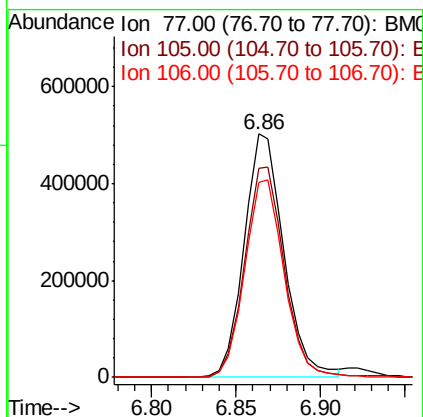
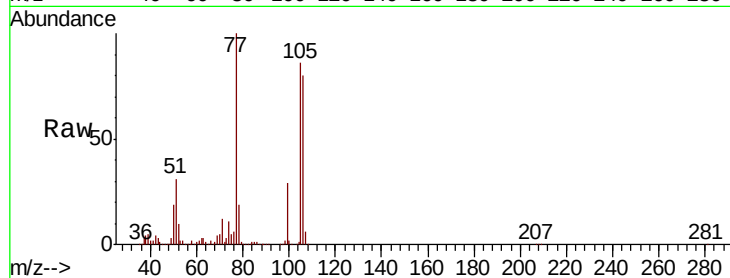
Tgt Ion: 77 Resp: 821028

Ion Ratio Lower Upper

77 100

105 85.8 67.3 107.3

106 79.9 62.9 102.9



#10

Phenol

Concen: 69.338 ng

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

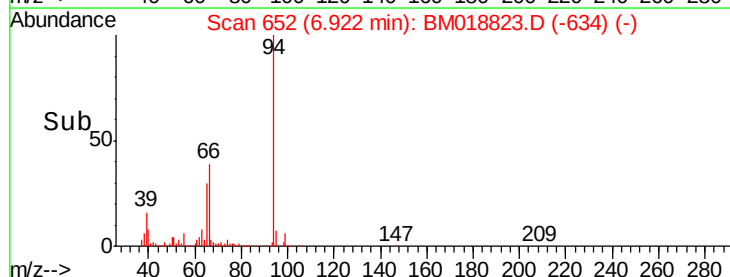
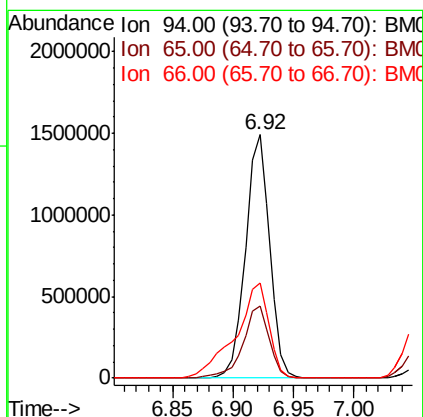
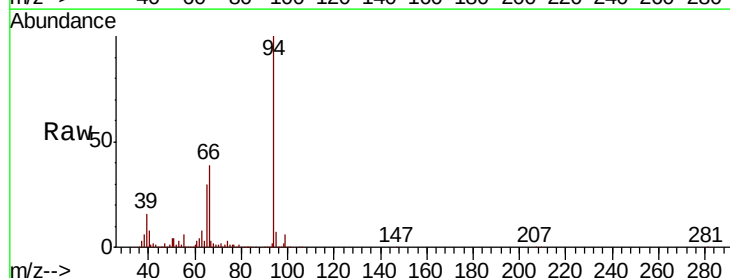
Tgt Ion: 94 Resp: 2082459

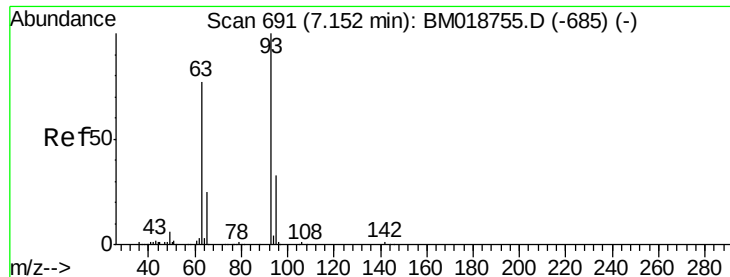
Ion Ratio Lower Upper

94 100

65 29.6 9.6 49.6

66 39.3 20.4 60.4



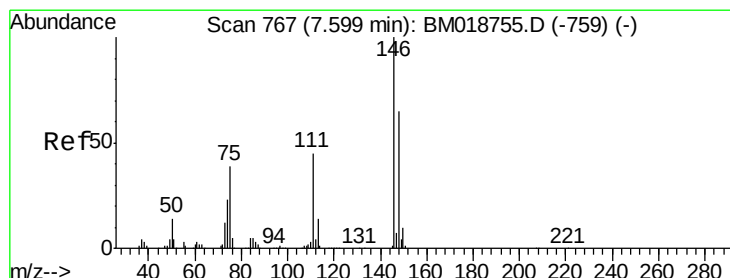
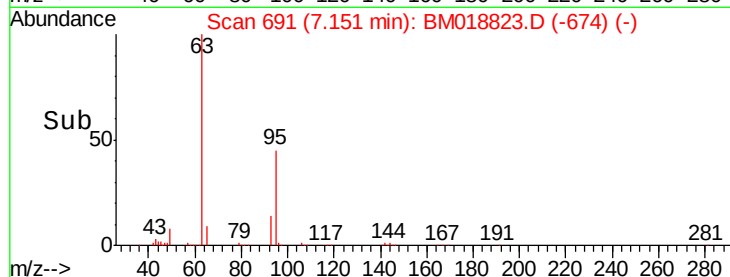
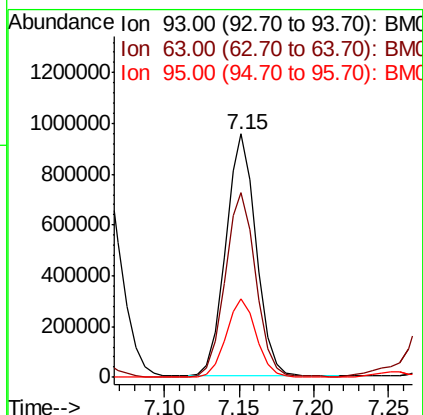
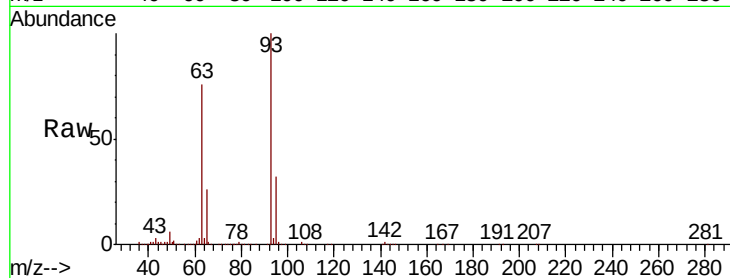


#11
bis(2-Chloroethyl)ether
Concen: 59.433 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tgt Ion: 93 Resp: 1361625

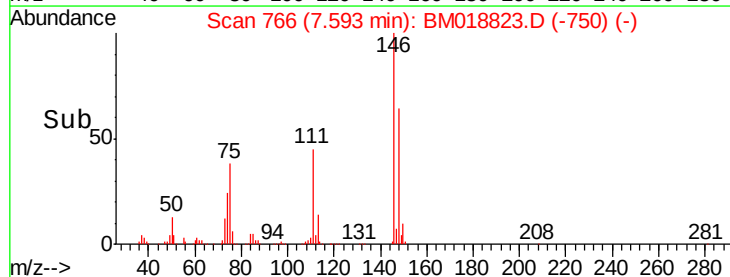
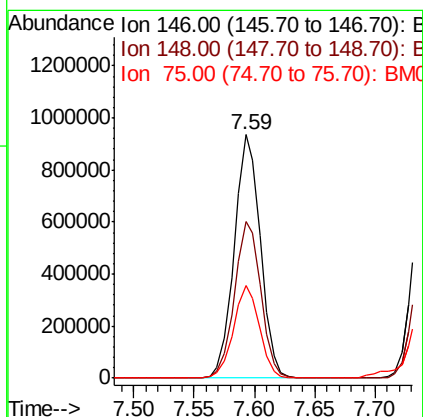
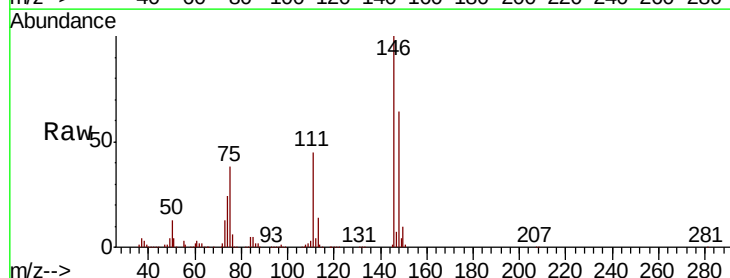
Ion	Ratio	Lower	Upper
93	100		
63	75.6	57.0	97.0
95	32.1	12.4	52.4

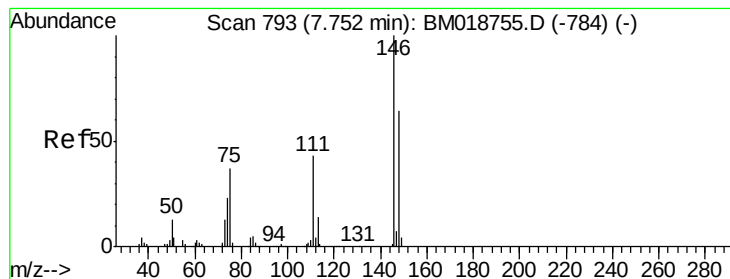


#12
1,3-Dichlorobenzene
Concen: 56.411 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion: 146 Resp: 1411059

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.7	77.5
75	38.0	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 56.862 ng

RT: 7.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

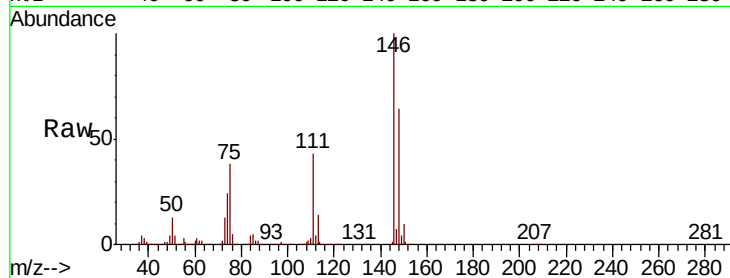
Tgt Ion:146 Resp: 1448008

Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

111 42.8 34.6 52.0

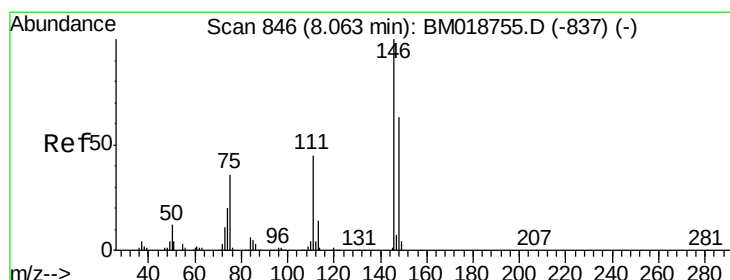
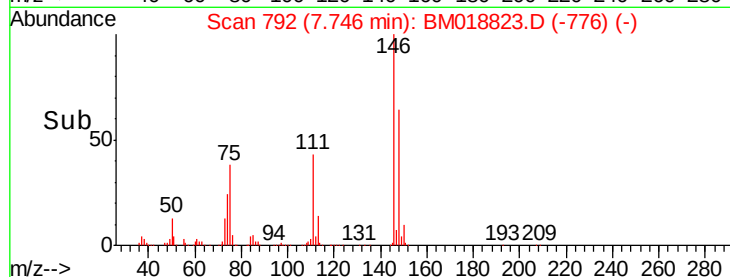
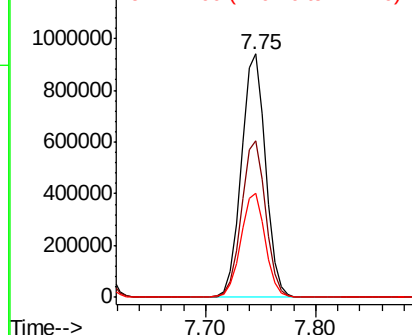


Abundance

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: 57.163 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

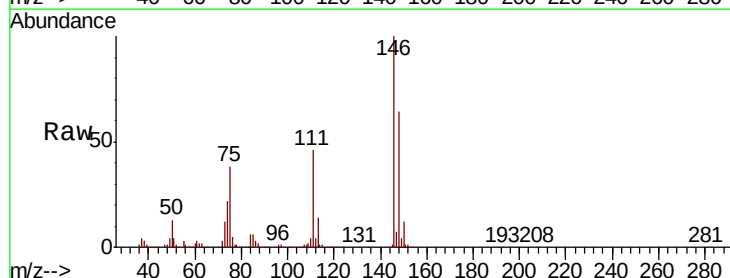
Tgt Ion:146 Resp: 1398258

Ion Ratio Lower Upper

146 100

148 64.3 50.7 76.1

111 46.1 35.9 53.9

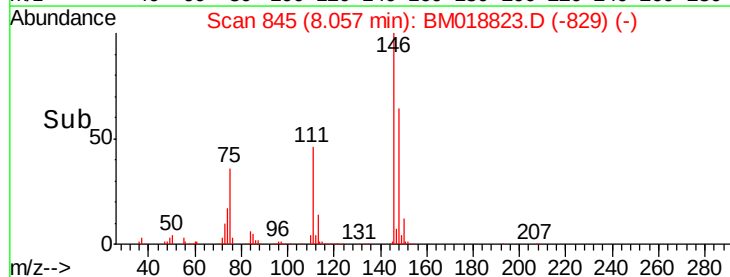
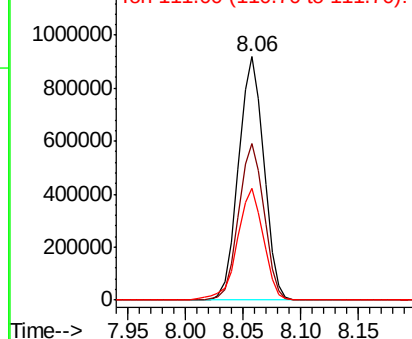


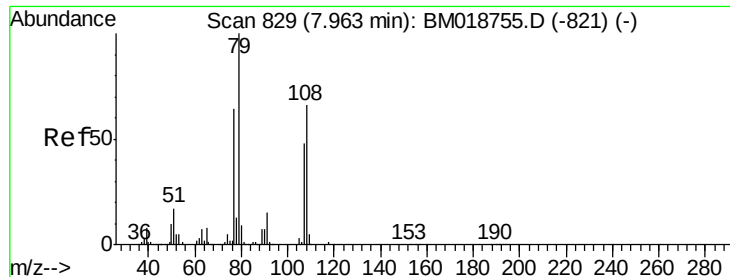
Abundance

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: 63.217 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

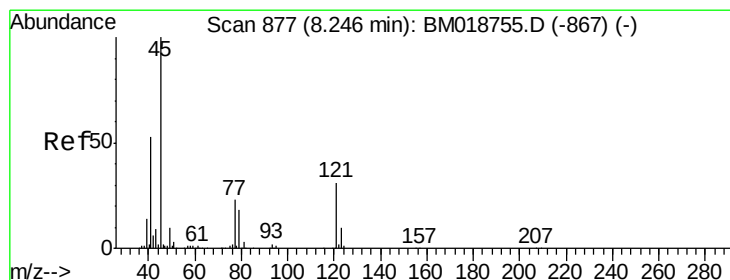
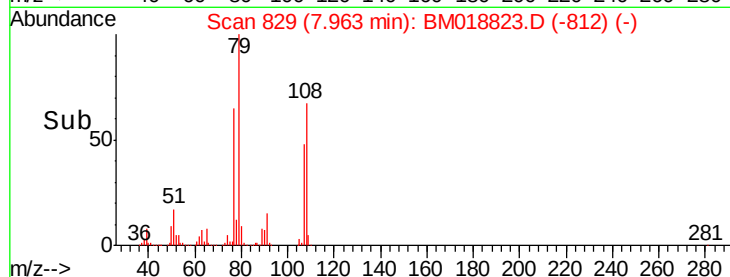
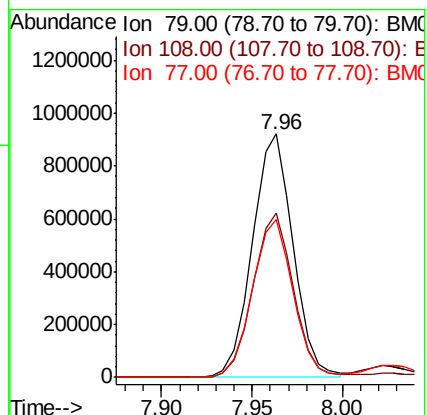
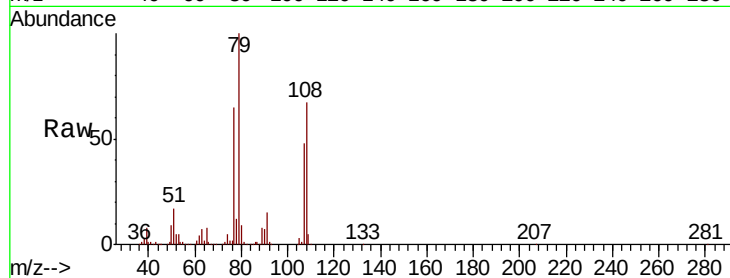
Tgt Ion: 79 Resp: 1433790

Ion Ratio Lower Upper

79 100

108 67.3 52.7 79.1

77 64.6 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.860 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

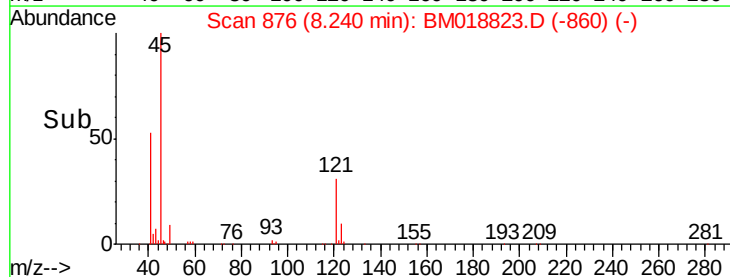
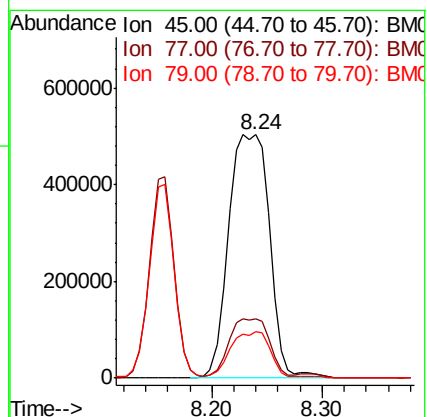
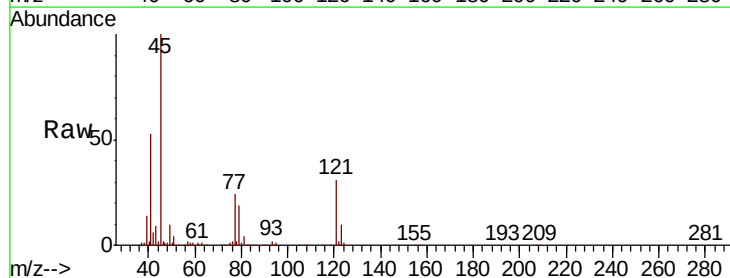
Tgt Ion: 45 Resp: 1305150

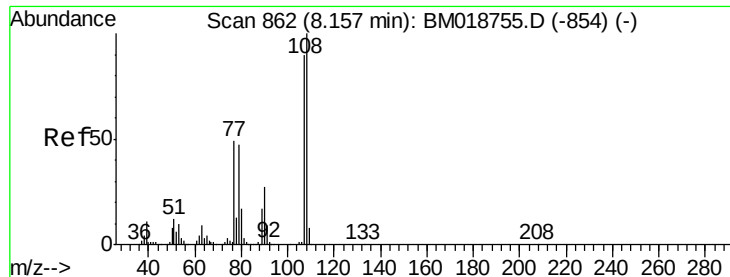
Ion Ratio Lower Upper

45 100

77 24.4 5.0 45.0

79 18.9 0.0 39.3

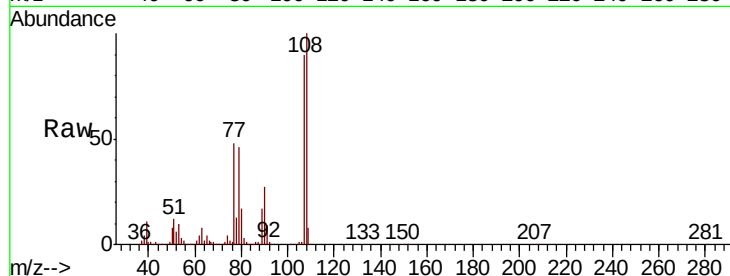




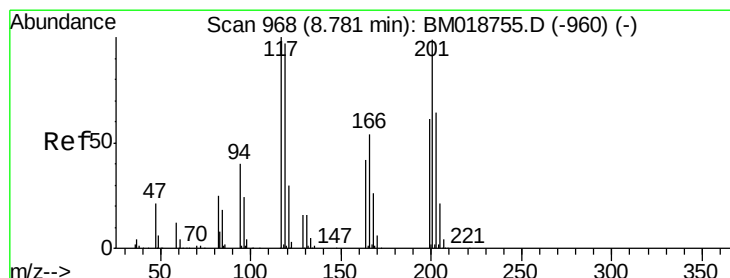
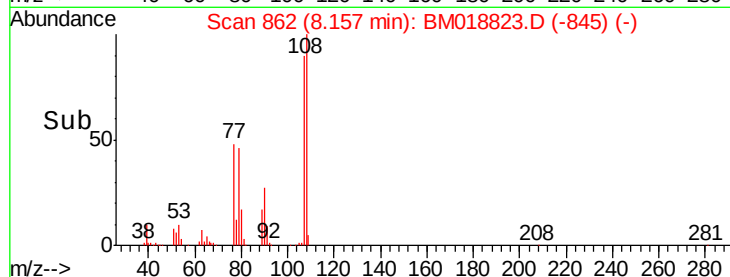
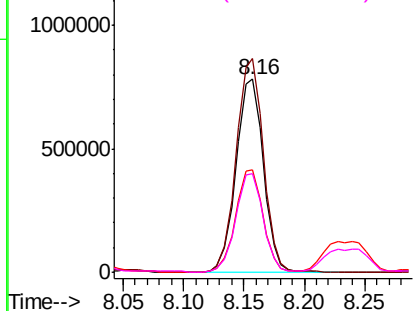
#17
2-Methylphenol
Concen: 64.638 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tgt Ion:107 Resp: 1235588
Ion Ratio Lower Upper
107 100
108 110.7 88.8 133.2
77 53.1 44.0 66.0
79 51.2 42.4 63.6

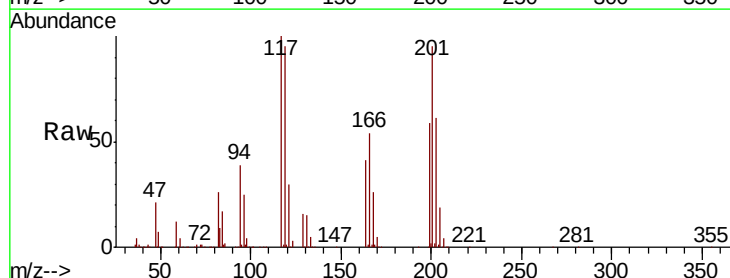


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

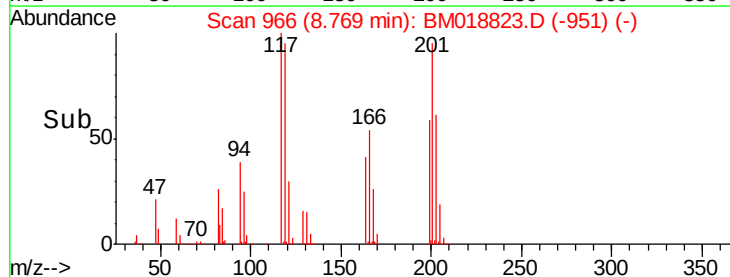
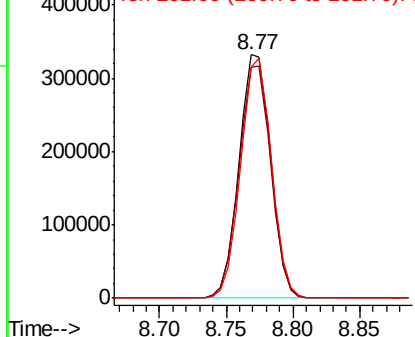


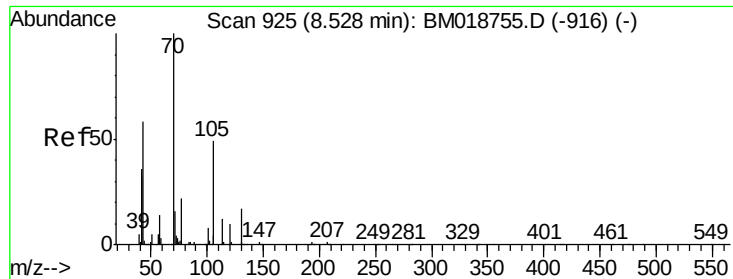
#18
Hexachloroethane
Concen: 58.538 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion:117 Resp: 544171
Ion Ratio Lower Upper
117 100
119 95.0 77.9 116.9
201 95.0 79.2 118.8



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

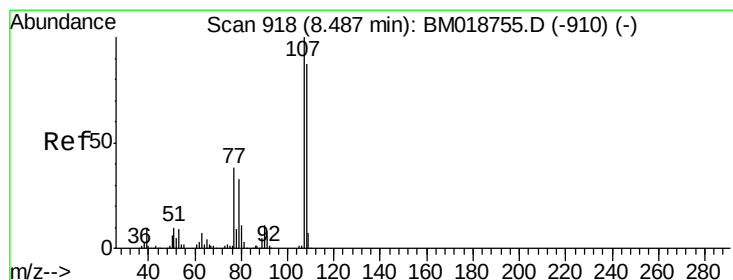
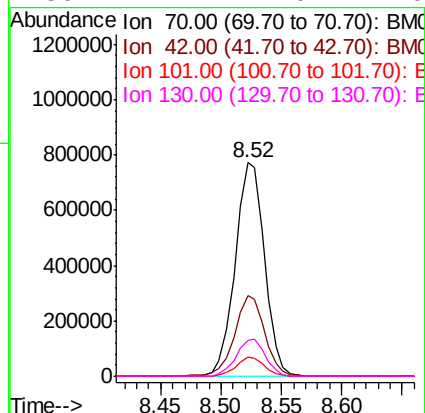
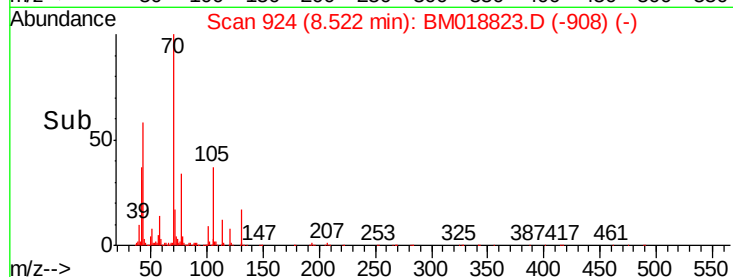
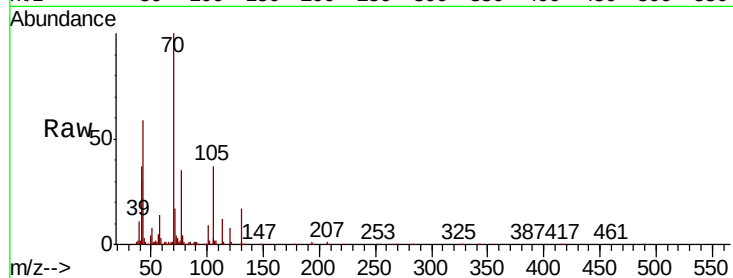




#19
n-Nitroso-di-n-propylamine
Concen: 59.235 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

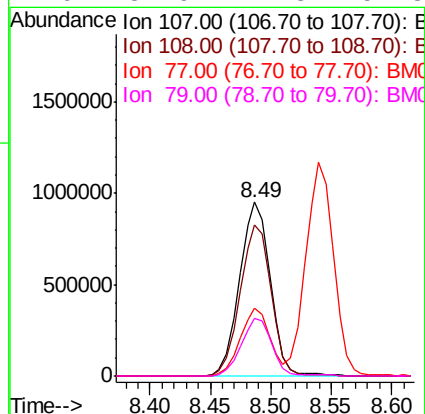
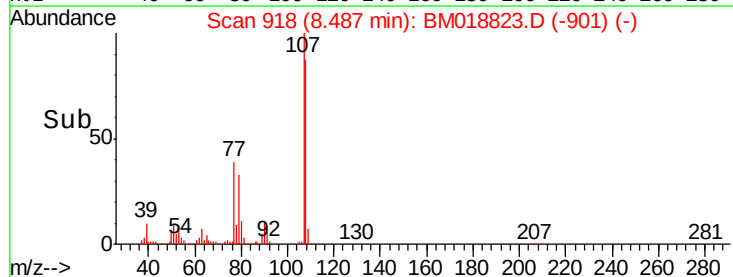
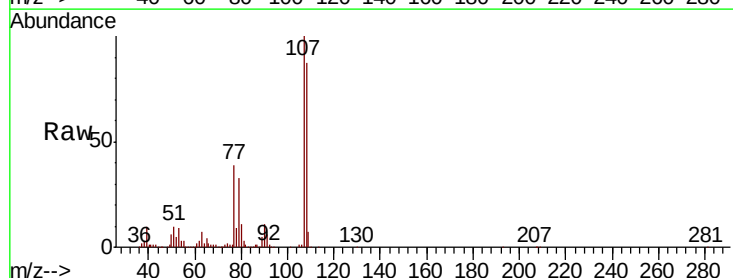
Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

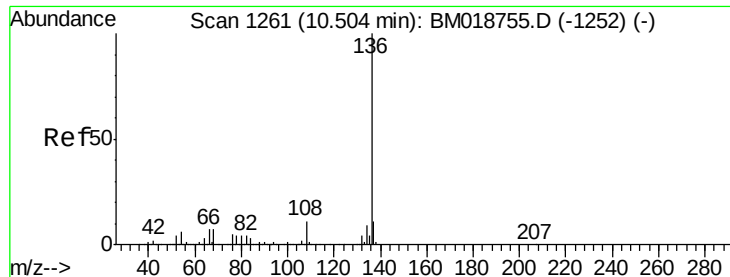
Tgt Ion: 70 Resp: 1309129
Ion Ratio Lower Upper
70 100
42 37.5 29.4 44.0
101 8.7 6.7 10.1
130 17.1 14.0 21.0



#20
3+4-Methylphenols
Concen: 64.075 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion: 107 Resp: 1691323
Ion Ratio Lower Upper
107 100
108 86.9 67.3 107.3
77 39.1 18.0 58.0
79 32.9 12.8 52.8

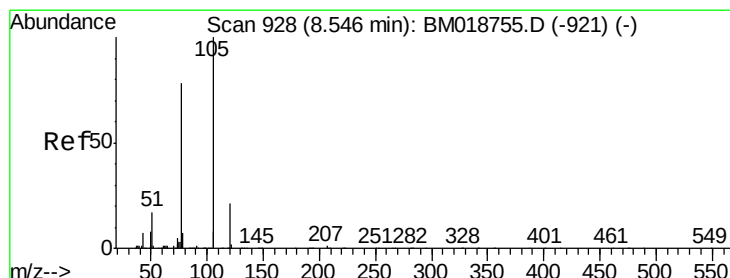
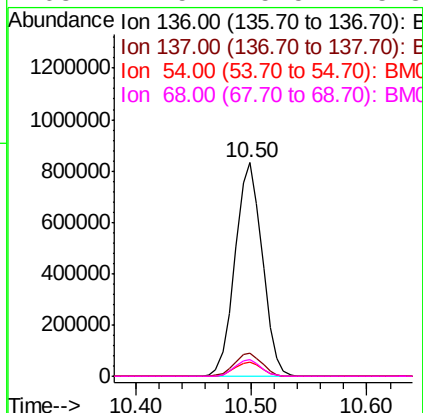
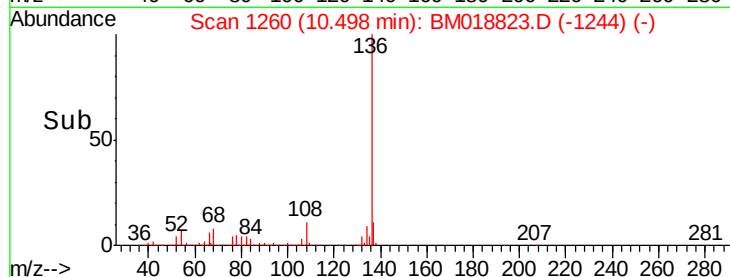
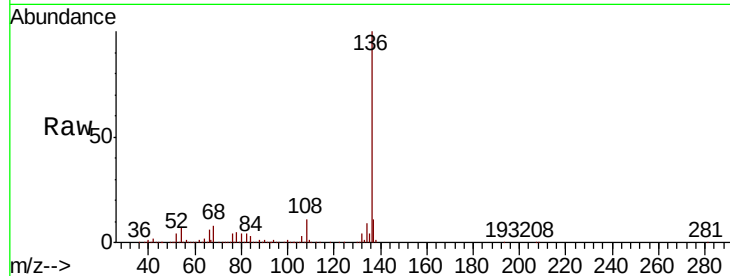




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

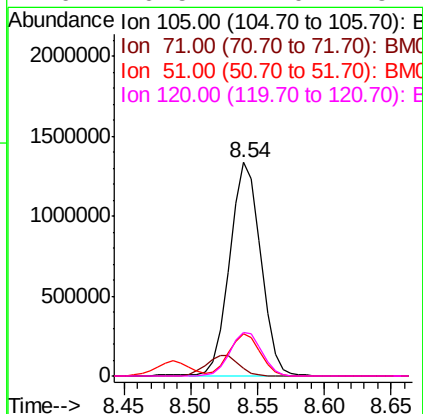
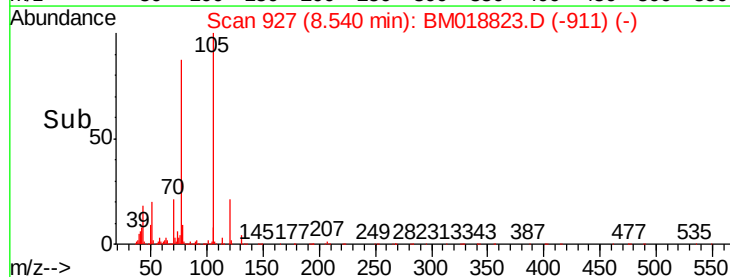
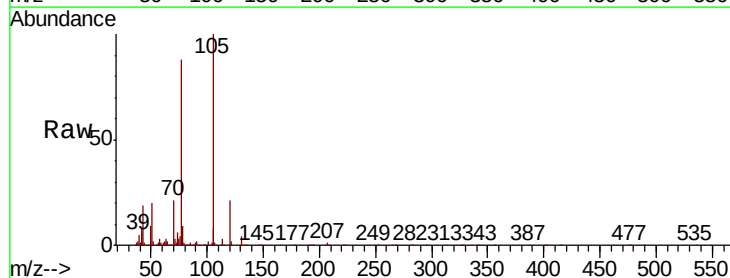
Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

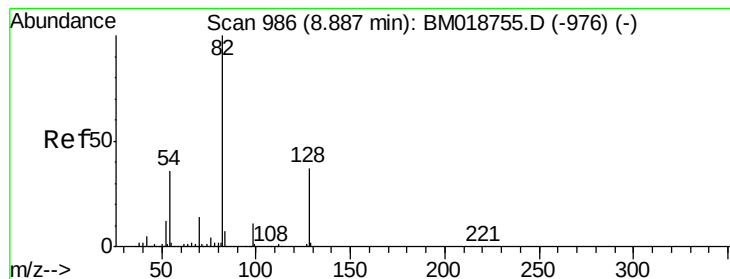
Tgt Ion:	136	Resp:	1354592
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	5.0	7.6
68	7.5	5.5	8.3



#22
Acetophenone
Concen: 58.057 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion:	105	Resp:	2159696
Ion	Ratio	Lower	Upper
105	100		
71	3.4	1.1	1.7#
51	19.9	15.5	23.3
120	20.5	17.0	25.4





#23

Nitrobenzene-d5

Concen: 131.303 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

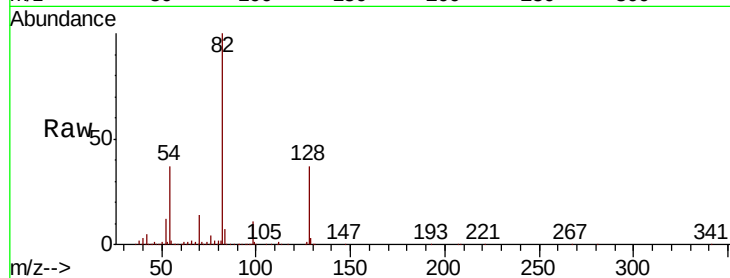
Tgt Ion: 82 Resp: 3846616

Ion Ratio Lower Upper

82 100

128 37.0 29.9 44.9

54 36.7 29.1 43.7



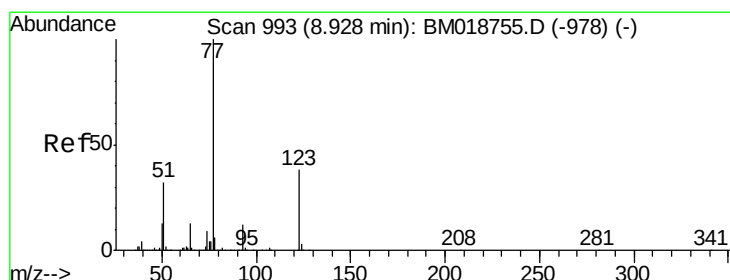
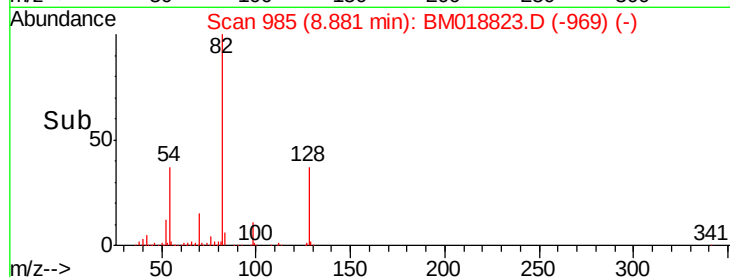
Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

8.88

Time-->



#24

Nitrobenzene

Concen: 61.031 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

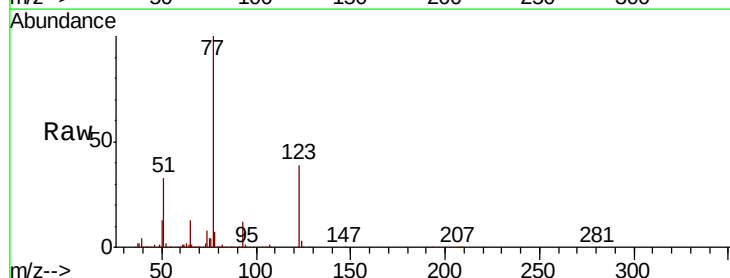
Tgt Ion: 77 Resp: 1855902

Ion Ratio Lower Upper

77 100

123 38.6 30.7 46.1

65 13.2 10.5 15.7



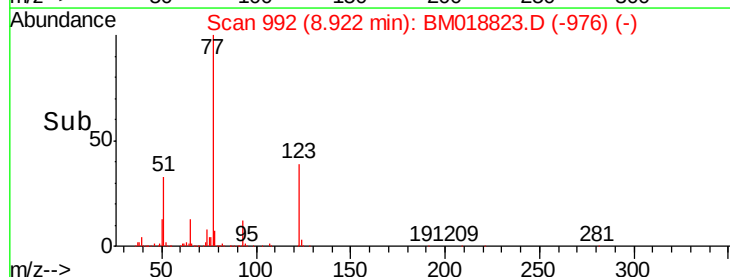
Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)

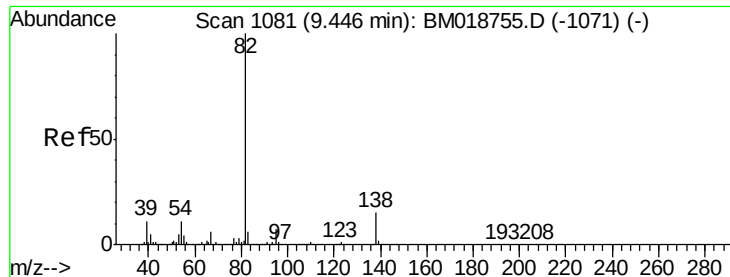
Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)

8.92

Time-->





#25

Isophorone

Concen: 69.849 ng

RT: 9.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

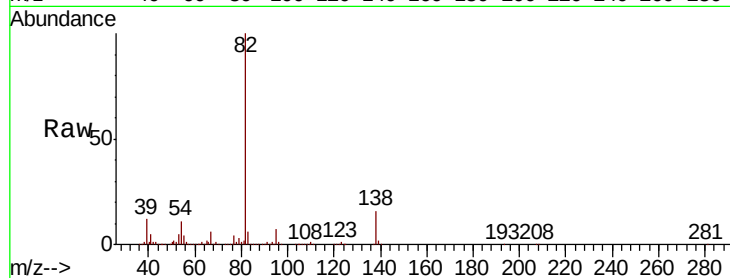
Tgt Ion: 82 Resp: 3265029

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

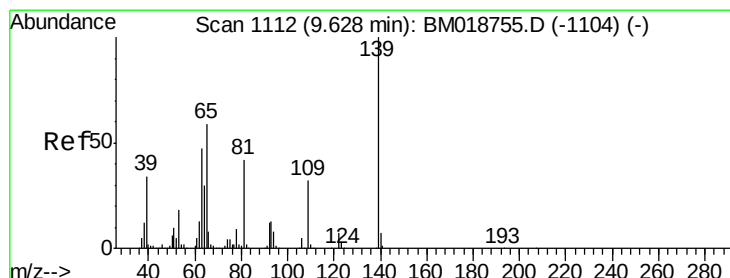
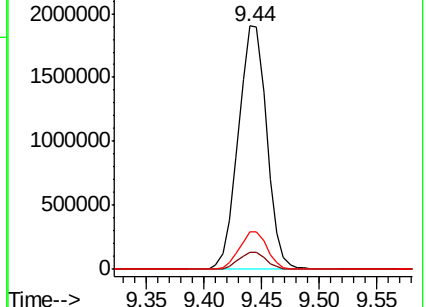
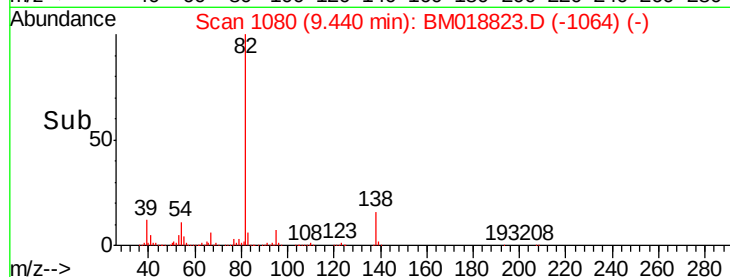
138 15.5 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018823.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018823.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018823.D (-1064) (-)



#26

2-Nitrophenol

Concen: 64.083 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

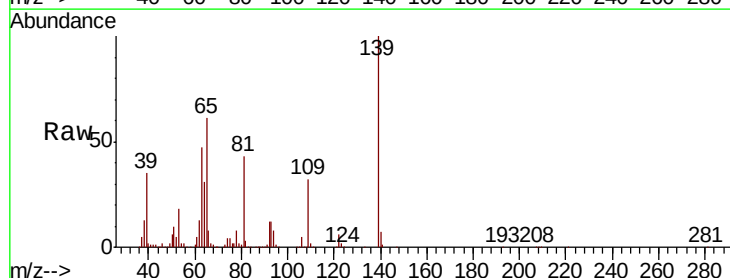
Tgt Ion: 139 Resp: 776045

Ion Ratio Lower Upper

139 100

109 32.0 25.2 37.8

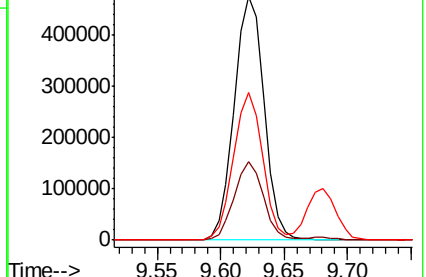
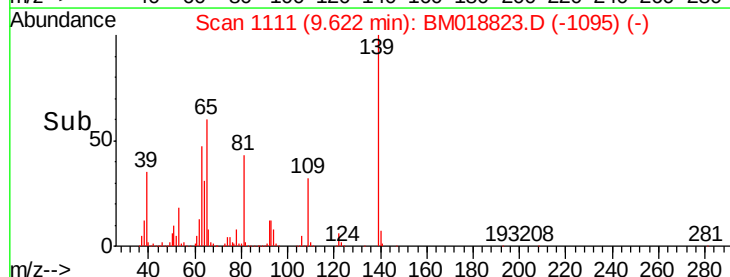
65 60.5 47.0 70.4

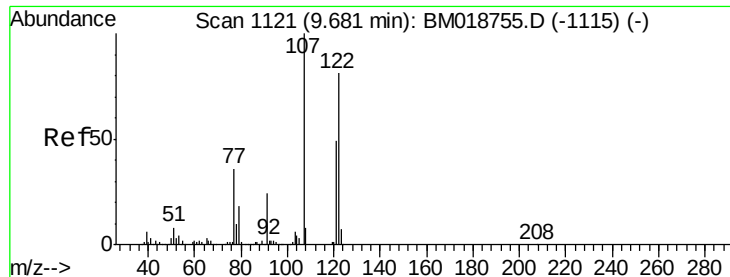


Abundance Ion 139.00 (138.70 to 139.70): BM018823.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018823.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018823.D (-1095) (-)

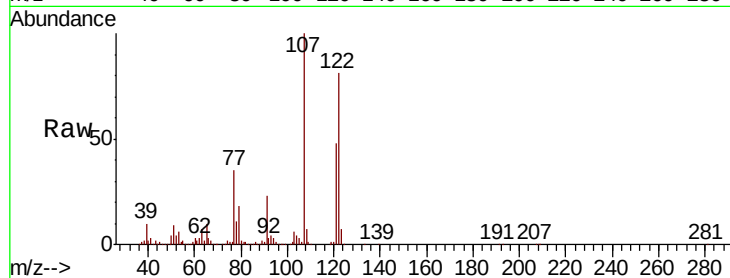




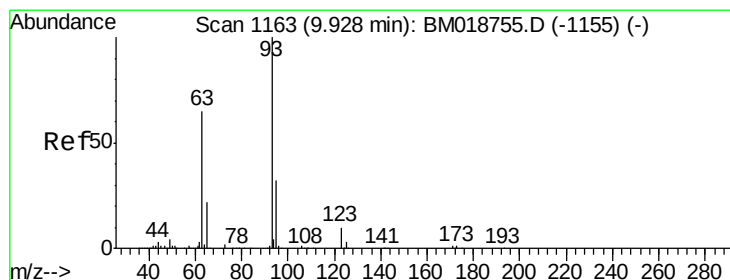
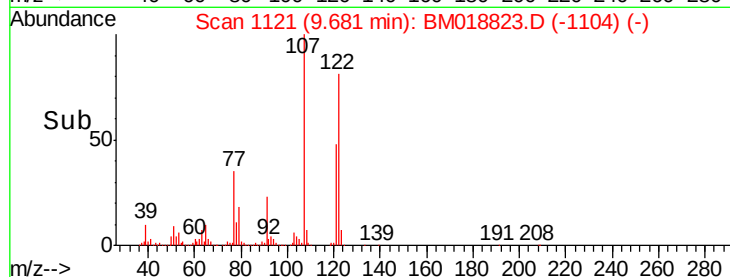
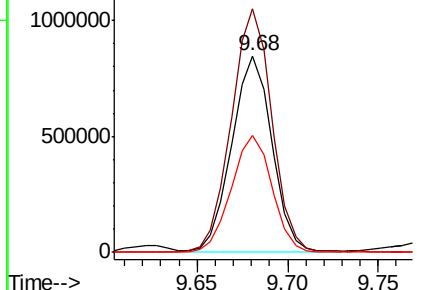
#27
2,4-Dimethylphenol
Concen: 73.551 ng
RT: 9.68 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tgt Ion:122 Resp: 1300916
Ion Ratio Lower Upper
122 100
107 124.0 97.6 146.4
121 59.8 47.9 71.9

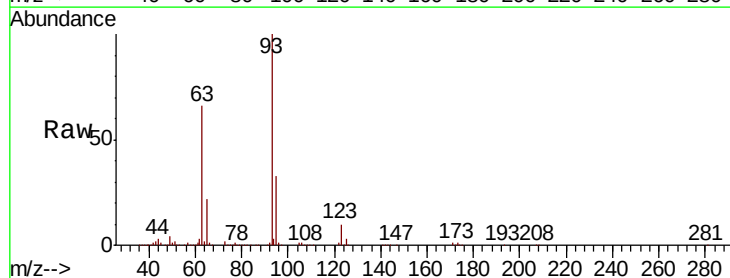


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

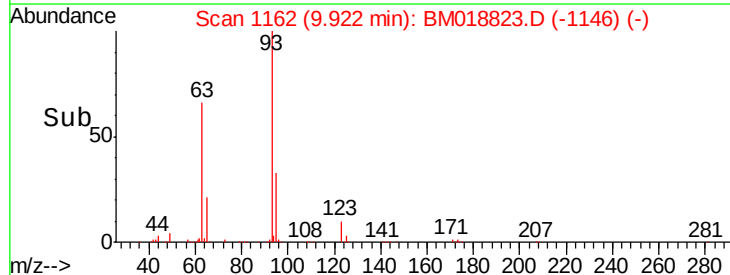
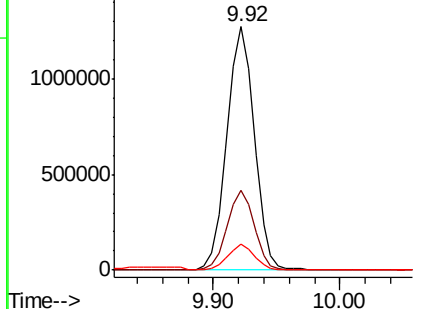


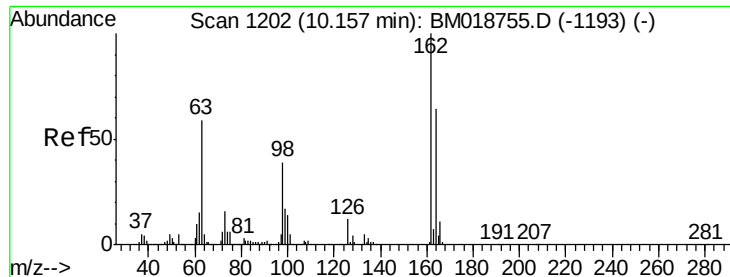
#28
bis(2-Chloroethoxy)methane
Concen: 63.234 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion: 93 Resp: 1911411
Ion Ratio Lower Upper
93 100
95 32.5 25.6 38.4
123 10.5 8.2 12.4



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

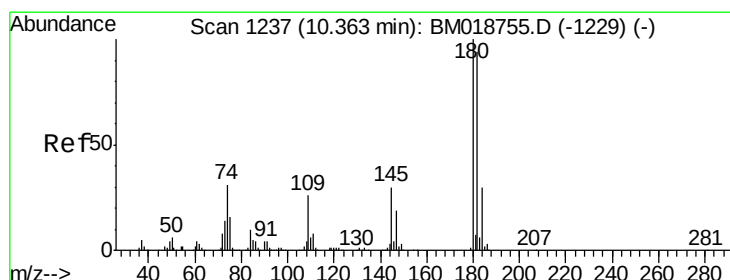
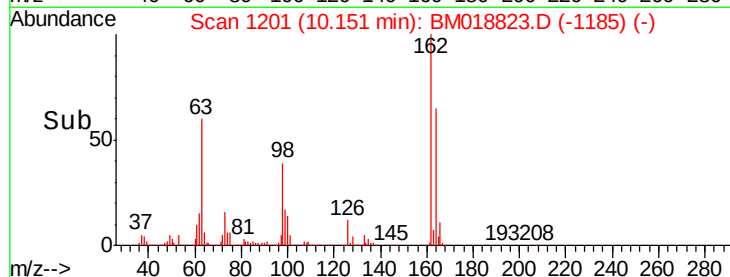
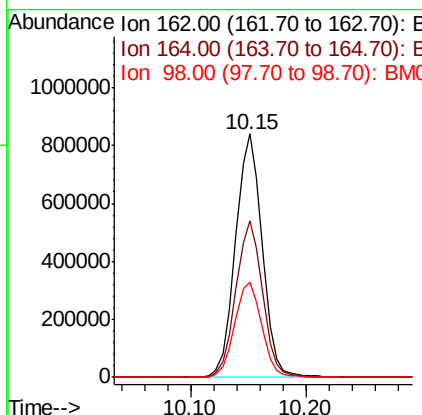
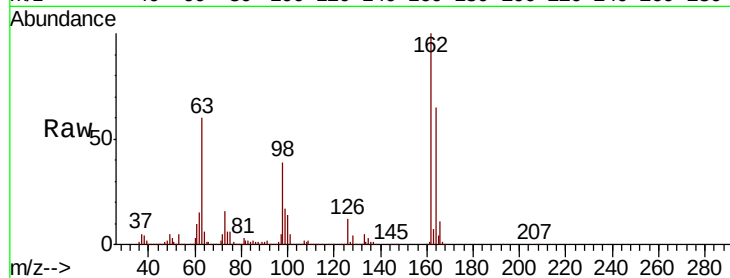




#29
 2,4-Dichlorophenol
 Concen: 66.162 ng
 RT: 10.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

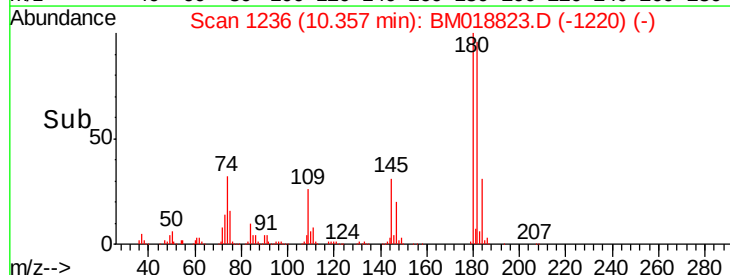
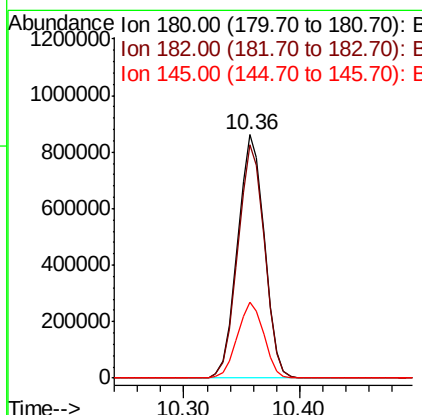
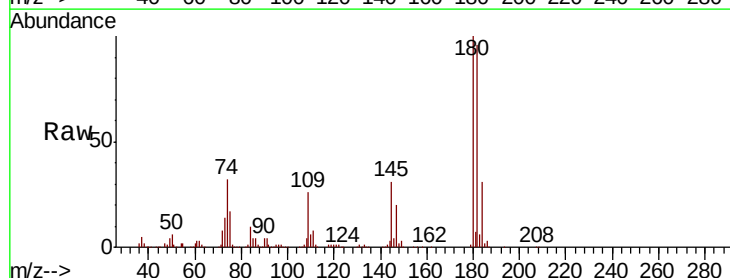
Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

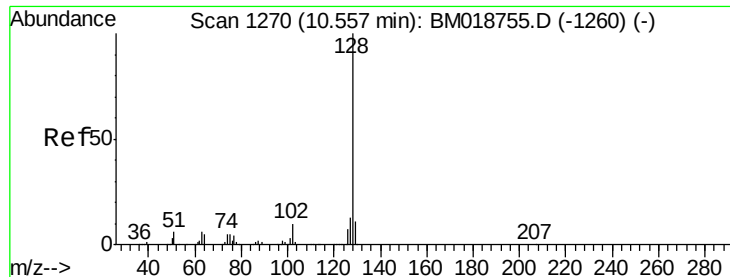
Tgt Ion:162 Resp: 1343707
 Ion Ratio Lower Upper
 162 100
 164 64.6 44.1 84.1
 98 39.1 19.4 59.4



#30
 1,2,4-Trichlorobenzene
 Concen: 58.816 ng
 RT: 10.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

Tgt Ion:180 Resp: 1379499
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.0 112.6
 145 31.1 24.1 36.1

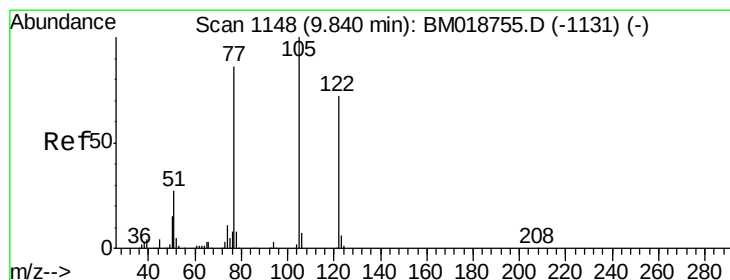
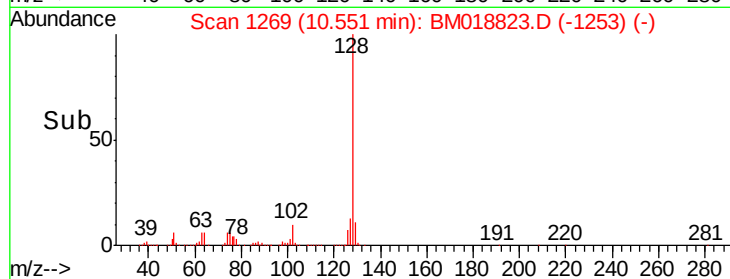
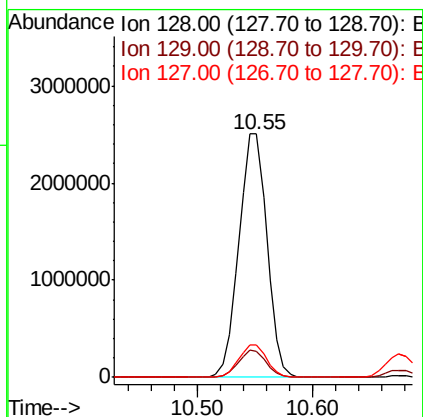
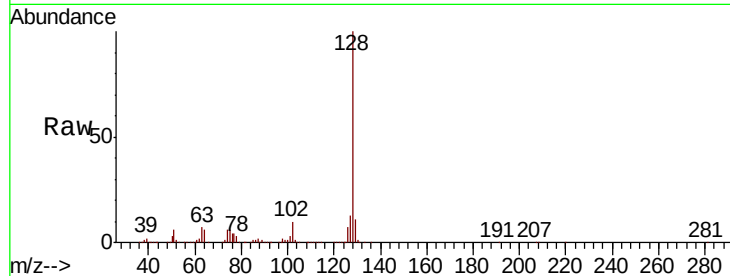




#31
Naphthalene
Concen: 64.086 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

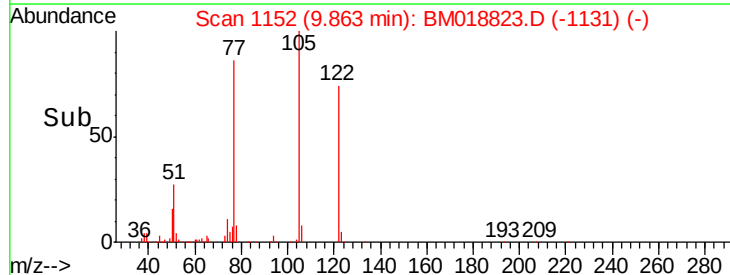
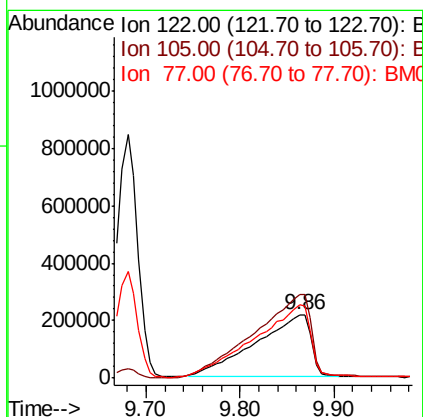
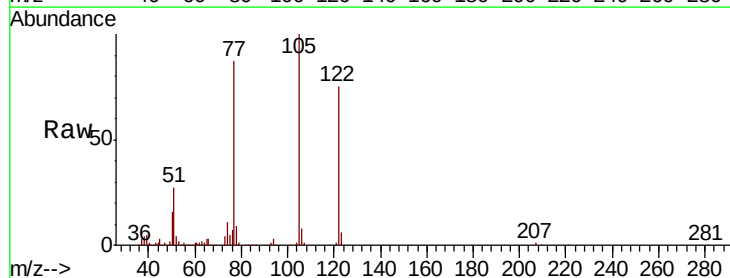
Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

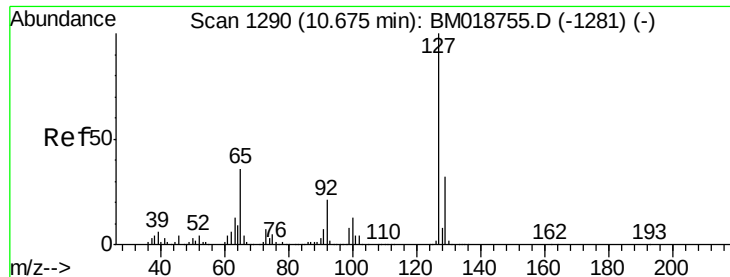
Tgt Ion:128 Resp: 4233822
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 55.676 ng
RT: 9.86 min Scan# 1152
Delta R.T. 0.02 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion:122 Resp: 859007
Ion Ratio Lower Upper
122 100
105 133.4 117.5 157.5
77 116.2 98.5 138.5

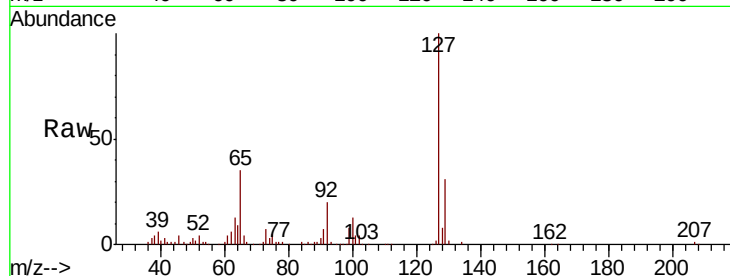




#33
4-Chloroaniline
Concen: 15.069 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tgt Ion:	127	Resp:	445007
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.7	38.5
65	34.7	28.7	43.1
92	19.7	17.0	25.4



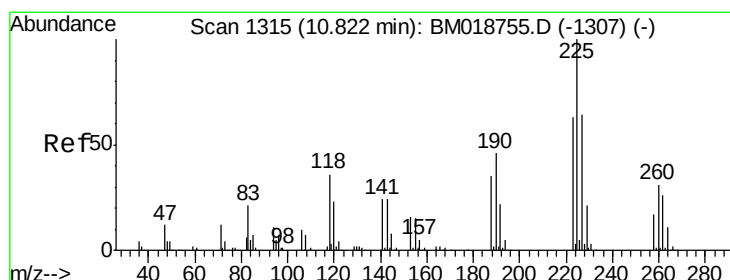
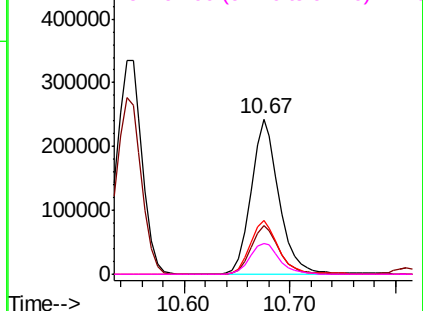
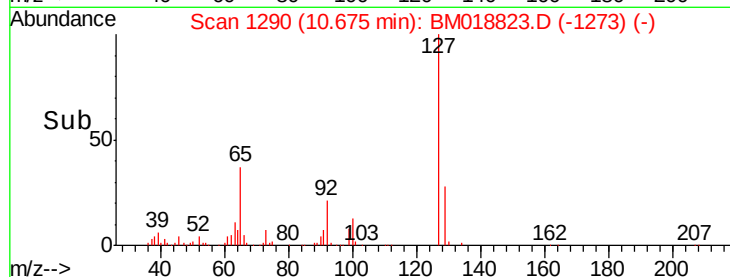
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

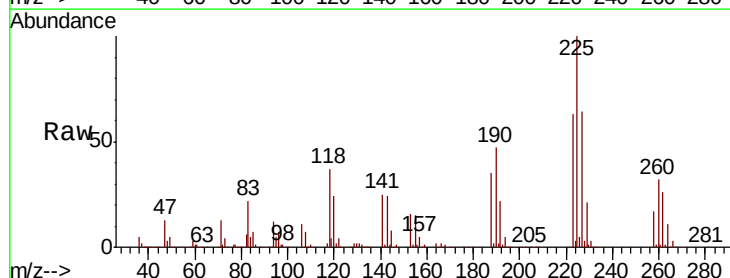
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 55.400 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion:	225	Resp:	754207
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.1	75.1
227	64.4	51.4	77.0

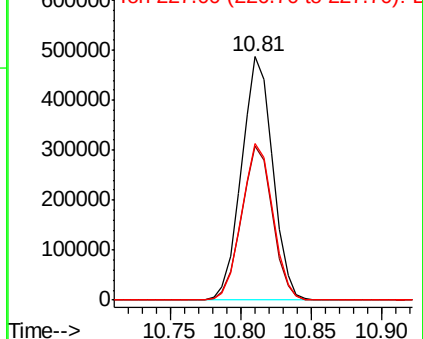
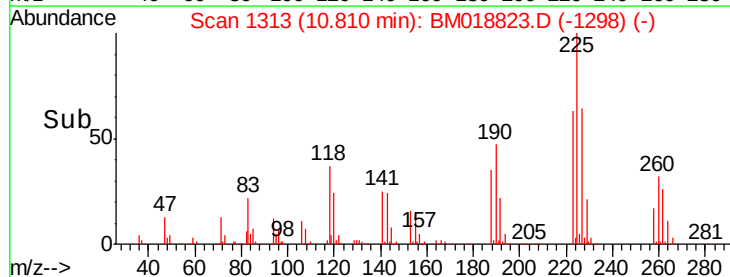


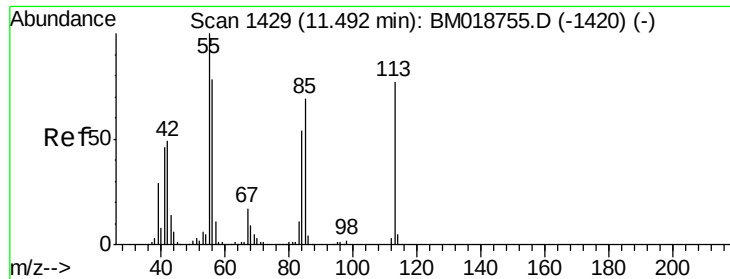
Abundance

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

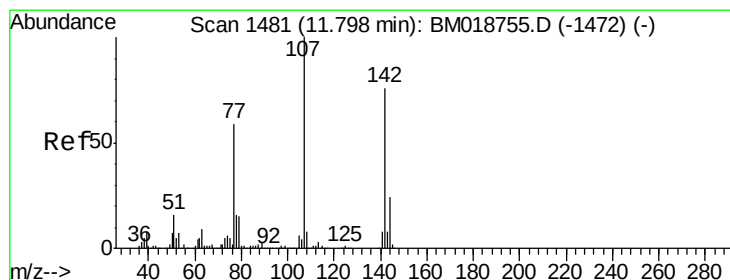
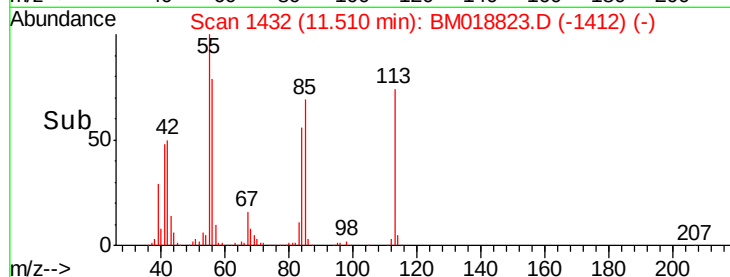
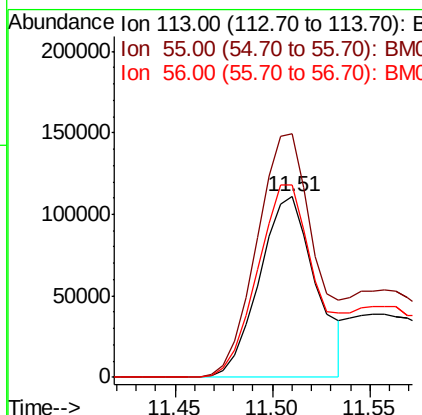
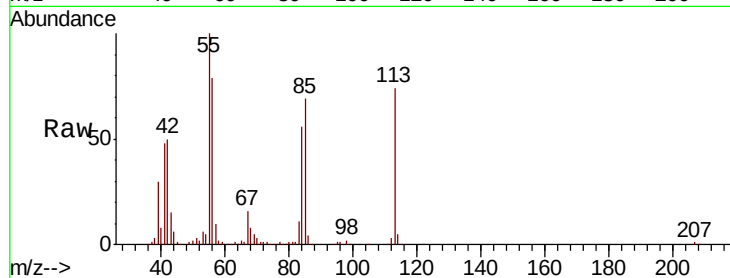




#35
 Caprolactam
 Concen: 26.784 ng
 RT: 11.51 min Scan# 1432
 Delta R.T. 0.02 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

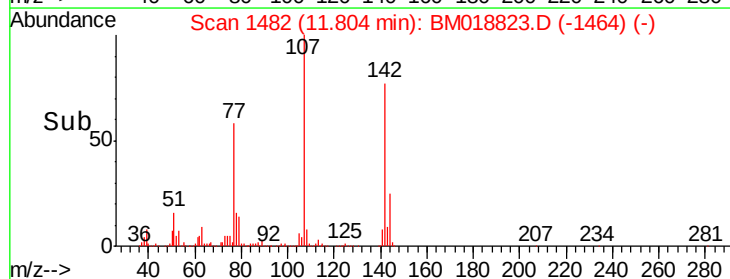
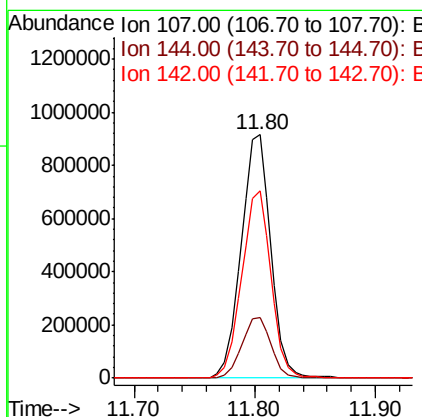
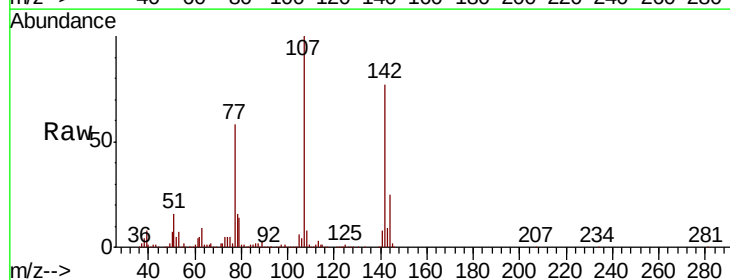
Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

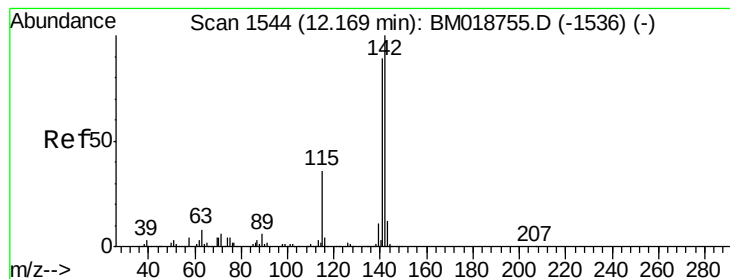
Tgt Ion:113 Resp: 222002
 Ion Ratio Lower Upper
 113 100
 55 134.7 110.7 150.7
 56 106.3 82.4 122.4



#36
 4-Chloro-3-methylphenol
 Concen: 63.985 ng
 RT: 11.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

Tgt Ion:107 Resp: 1566742
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.3 28.9
 142 77.1 60.5 90.7





#37

2-Methylnaphthalene

Concen: 67.167 ng

RT: 12.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

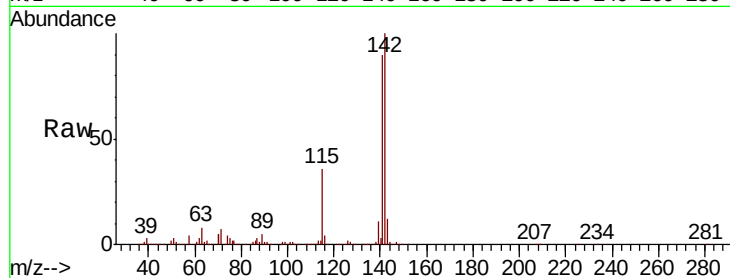
Tgt Ion:142 Resp: 3124180

Ion Ratio Lower Upper

142 100

141 89.7 71.2 106.8

115 36.0 29.1 43.7

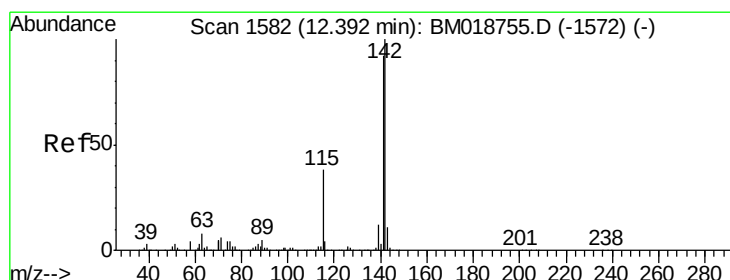
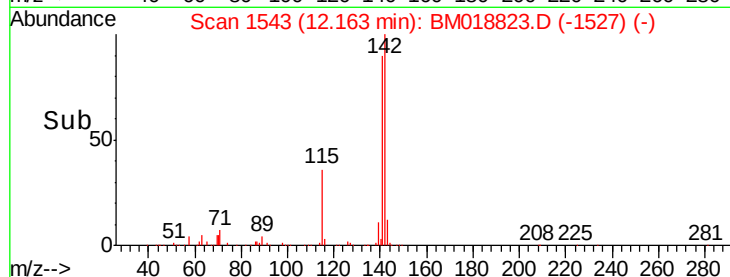
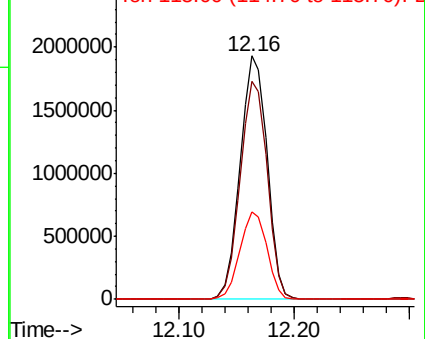


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 65.404 ng

RT: 12.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

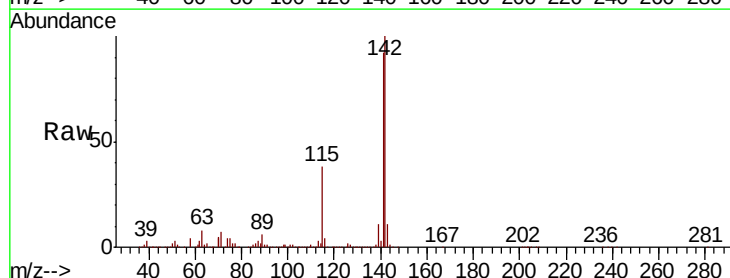
Tgt Ion:142 Resp: 2974860

Ion Ratio Lower Upper

142 100

141 92.1 73.9 110.9

116 3.8 3.0 4.4

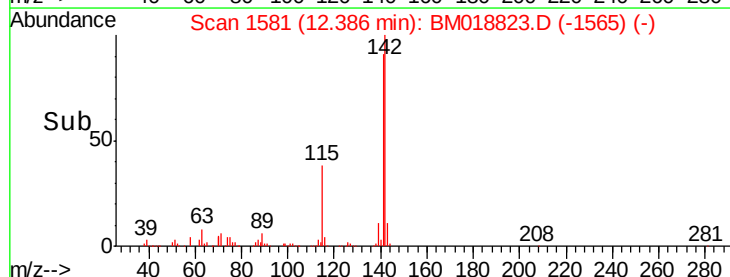
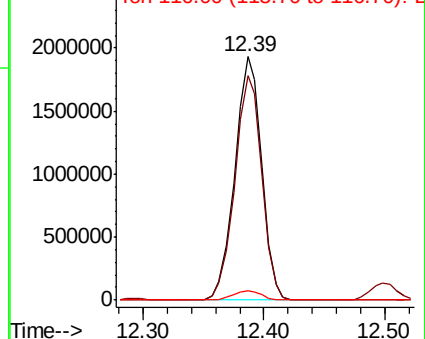


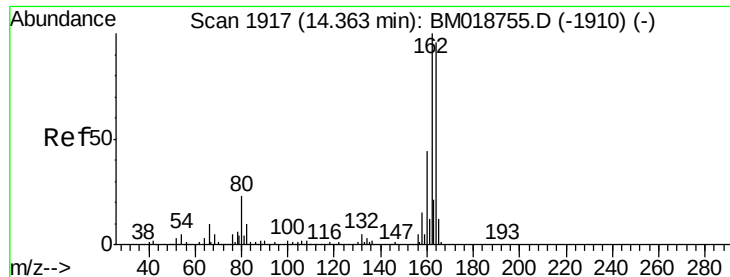
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

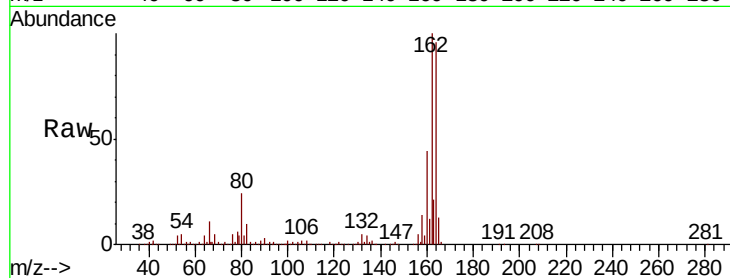
Tgt Ion:164 Resp: 765230

Ion Ratio Lower Upper

164 100

162 104.3 83.4 125.0

160 46.2 36.6 55.0

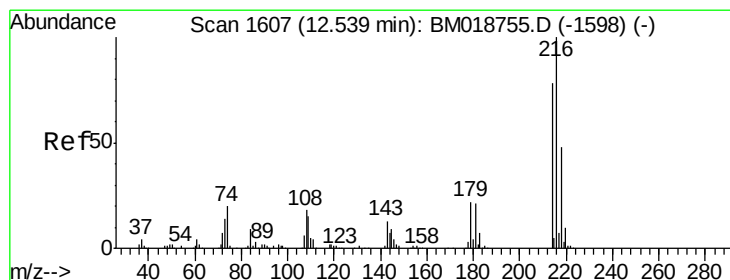
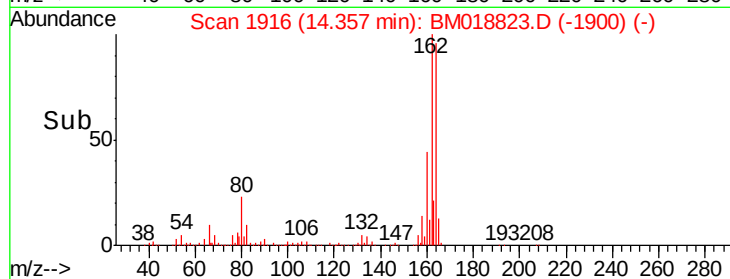
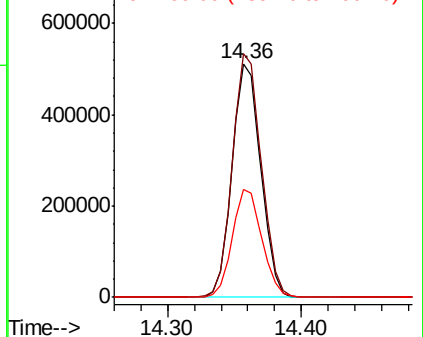


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.472 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Tgt Ion:216 Resp: 1480290

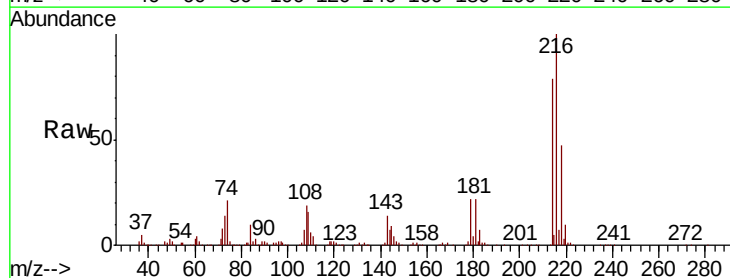
Ion Ratio Lower Upper

216 100

214 78.8 63.2 94.8

179 22.4 17.8 26.8

108 22.7 16.4 24.6



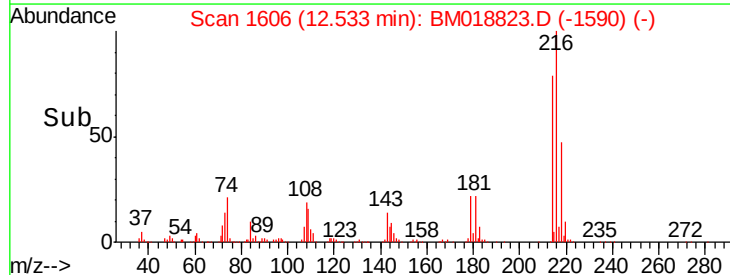
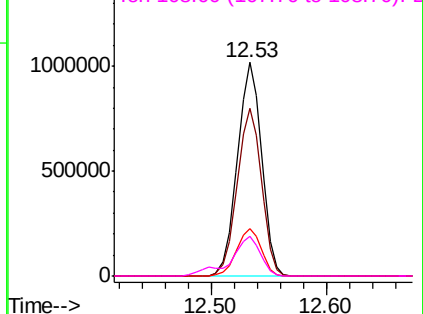
Abundance

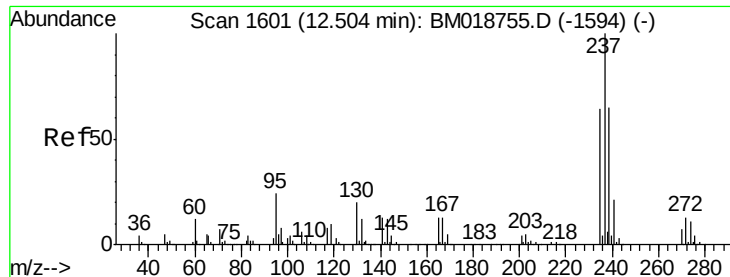
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 136.184 ng

RT: 12.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

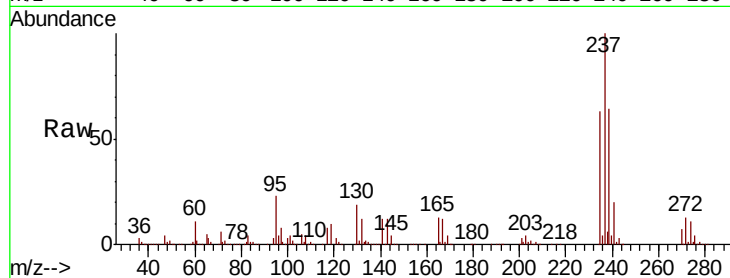
Tgt Ion:237 Resp: 1704395

Ion Ratio Lower Upper

237 100

235 62.9 43.7 83.7

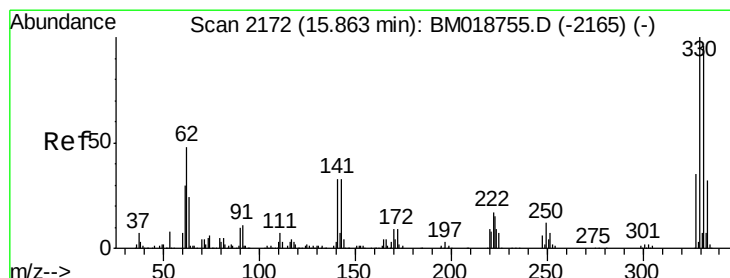
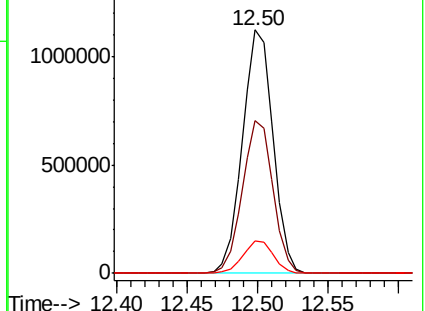
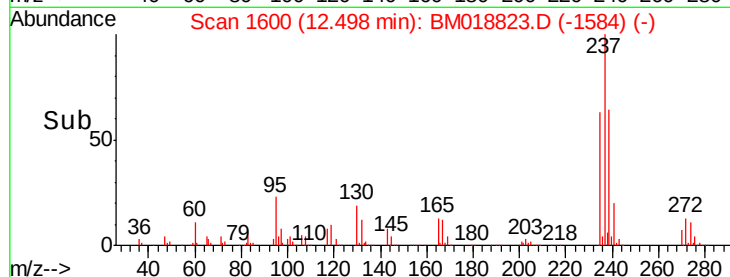
272 13.1 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 211.043 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

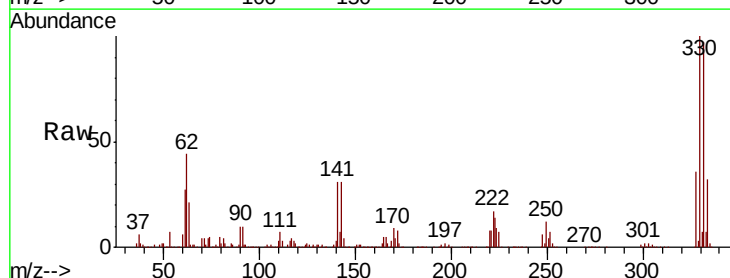
Tgt Ion:330 Resp: 2327932

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

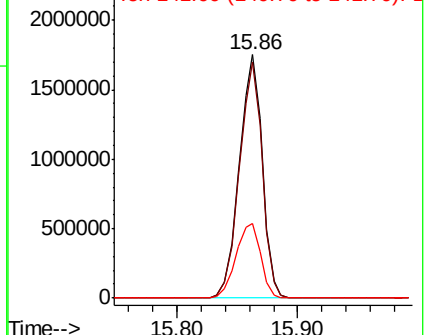
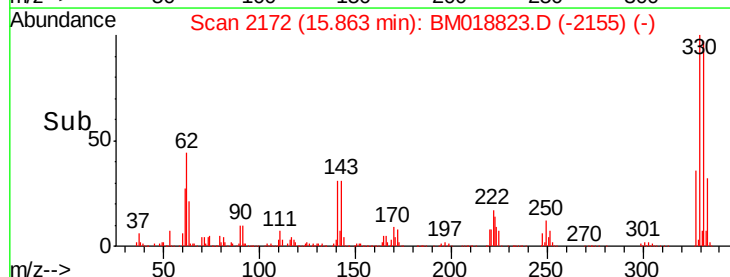
141 33.5 28.7 43.1

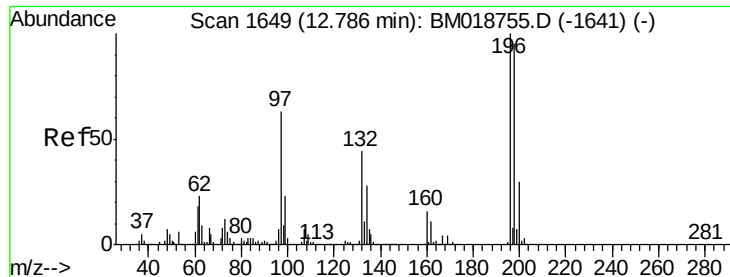


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

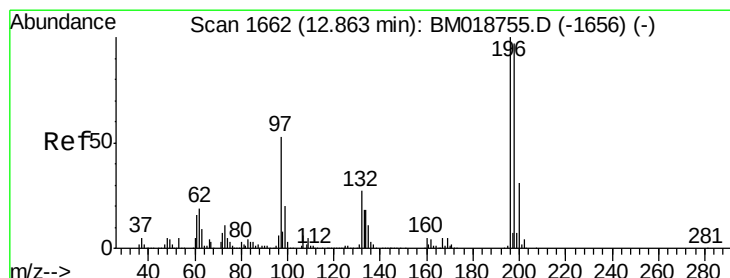
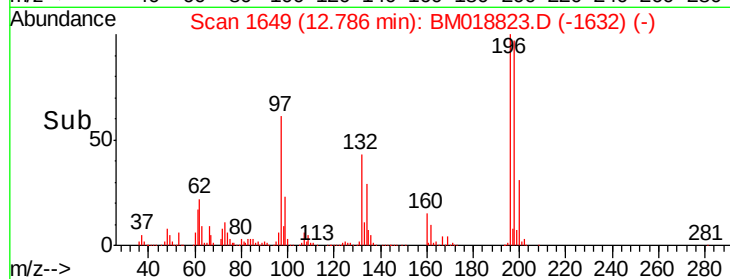
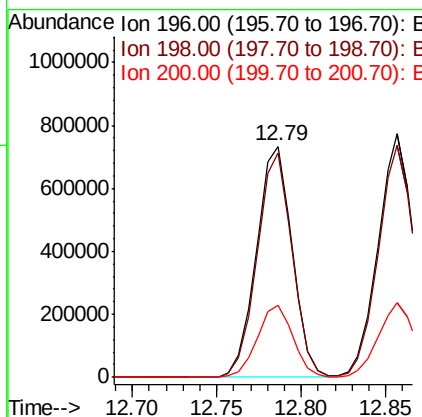
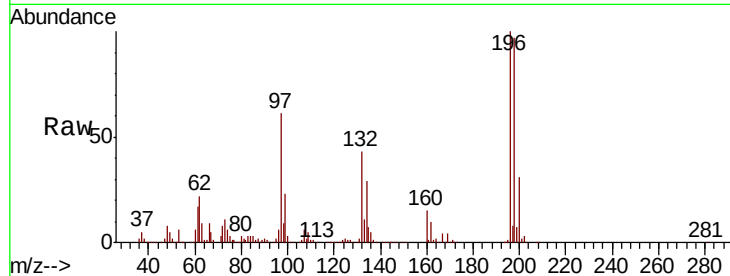




#43
 2,4,6-Trichlorophenol
 Concen: 66.652 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

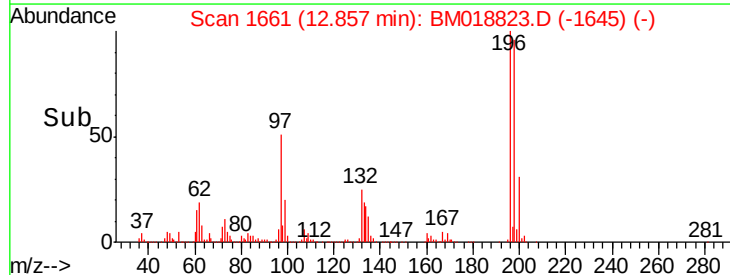
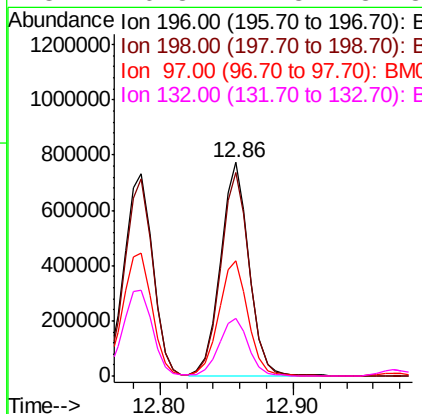
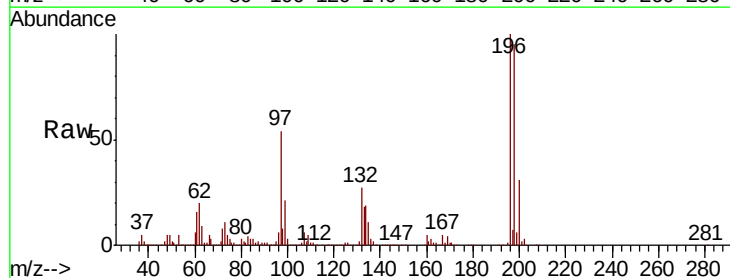
Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

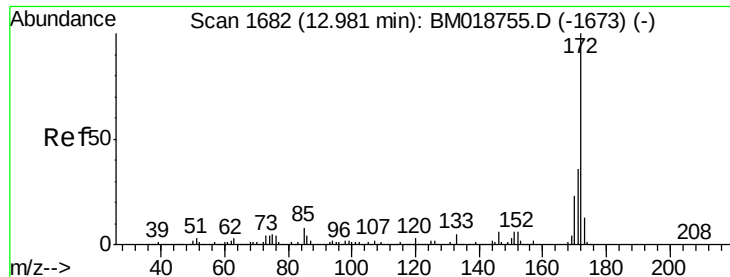
Tgt Ion:196 Resp: 1080106
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.2 114.2
 200 31.1 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 67.451 ng
 RT: 12.86 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

Tgt Ion:196 Resp: 1145663
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.6 116.4
 97 53.7 42.8 64.2
 132 26.8 21.8 32.8

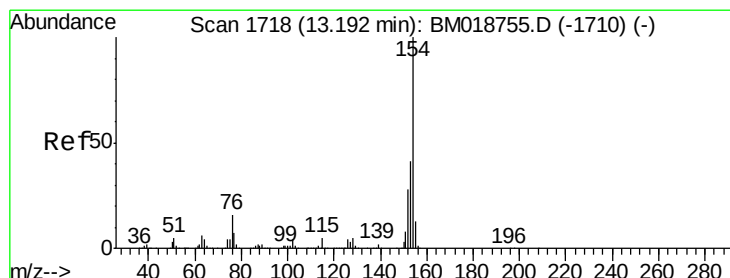
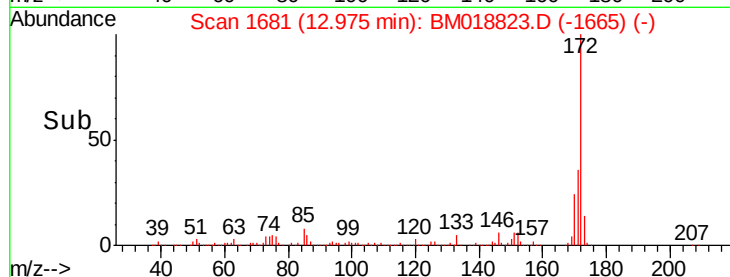
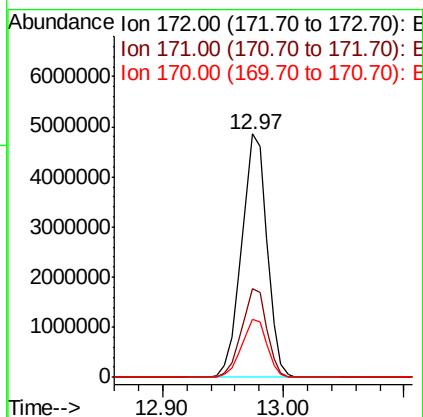
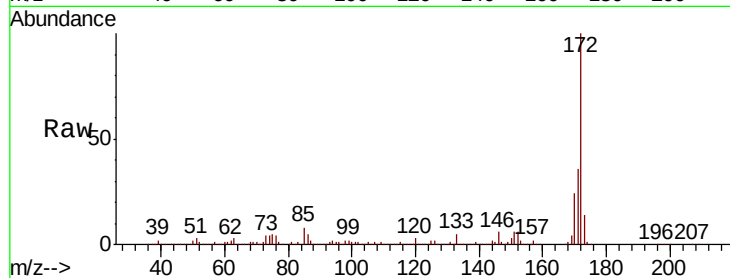




#45
2-Fluorobiphenyl
Concen: 123.991 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

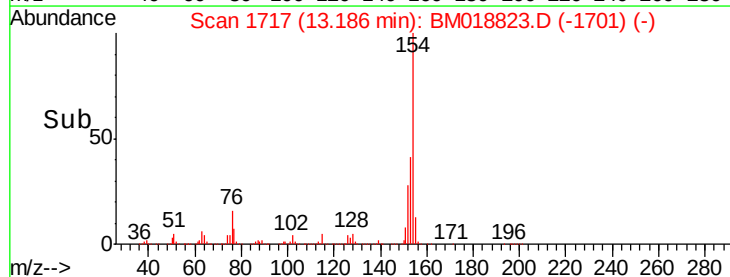
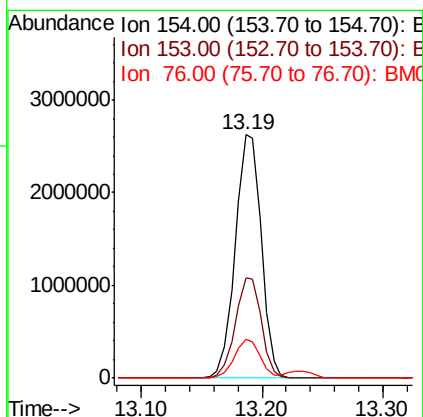
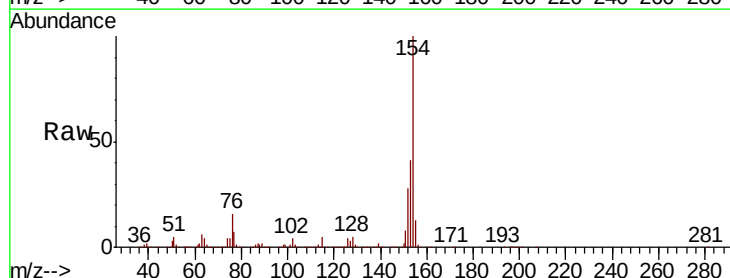
Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

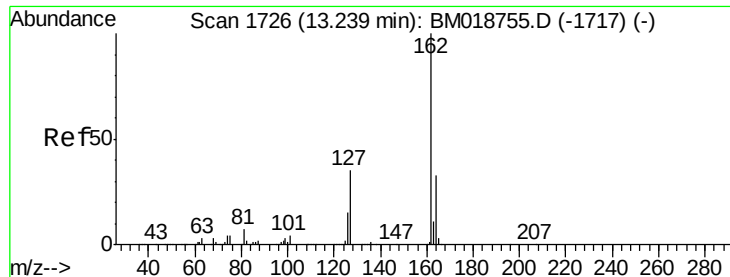
Tgt Ion:172 Resp: 7147506
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 23.8 18.6 28.0



#46
1,1'-Biphenyl
Concen: 59.894 ng
RT: 13.19 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion:154 Resp: 3945188
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 15.8 0.0 35.7

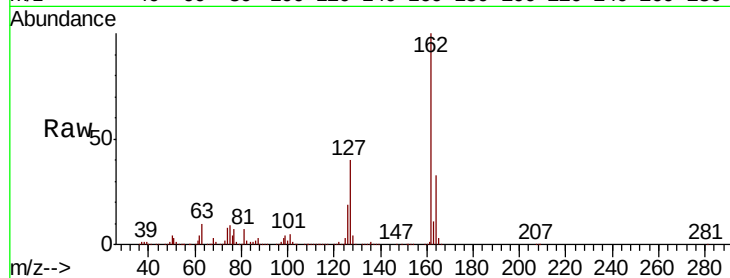




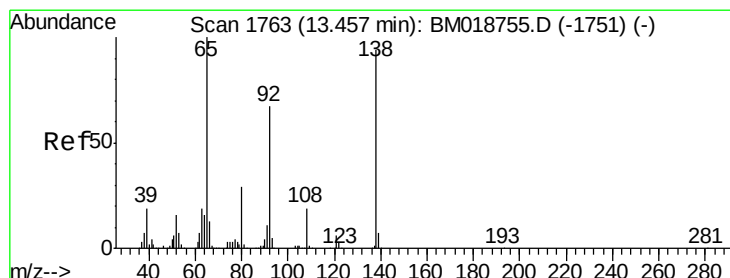
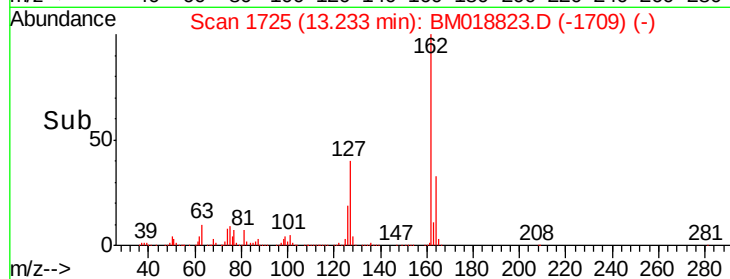
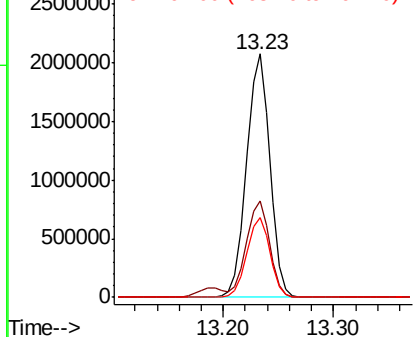
#47
 2-Chloronaphthalene
 Concen: 60.555 ng
 RT: 13.23 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

Instrument :
 BNA_M
 ClientSampleID :
 CH-021419MSD

Tgt Ion: 162 Resp: 3080809
 Ion Ratio Lower Upper
 162 100
 127 39.6 31.1 46.7
 164 33.0 26.4 39.6

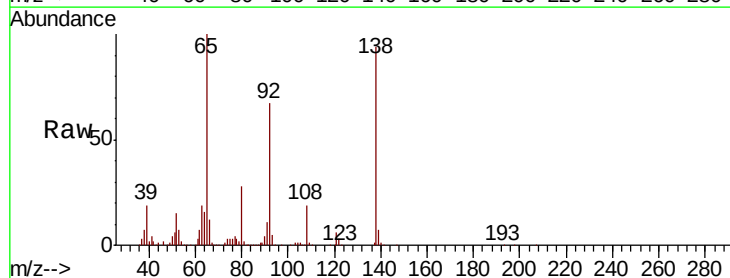


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

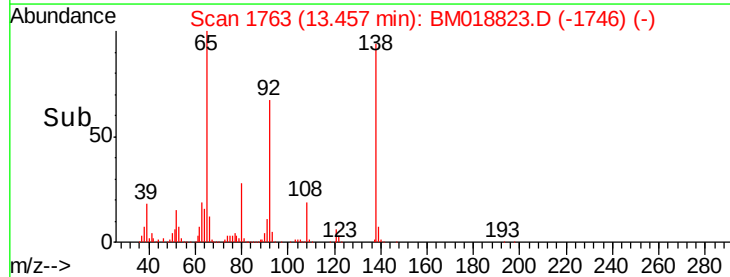
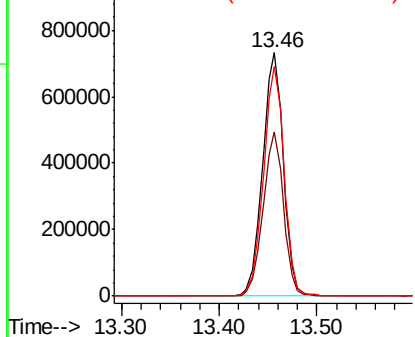


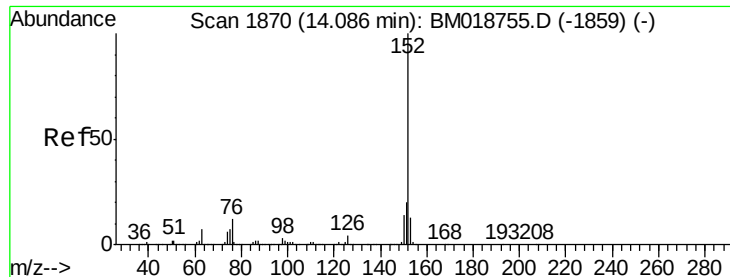
#48
 2-Nitroaniline
 Concen: 65.330 ng
 RT: 13.46 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

Tgt Ion: 65 Resp: 1103882
 Ion Ratio Lower Upper
 65 100
 92 67.2 54.0 81.0
 138 94.3 74.9 112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 66.280 ng

RT: 14.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

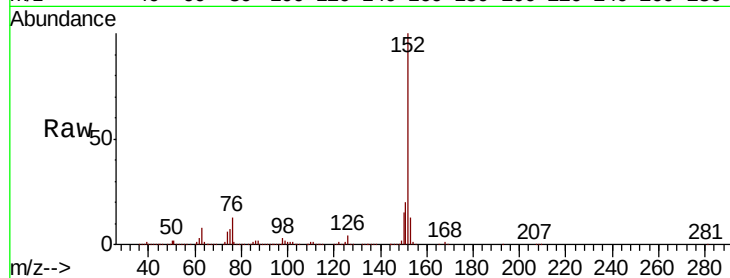
Tgt Ion:152 Resp: 5021101

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

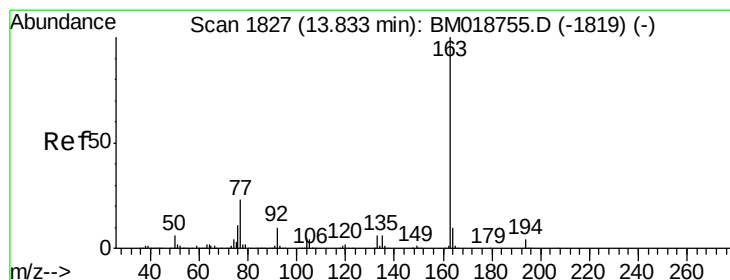
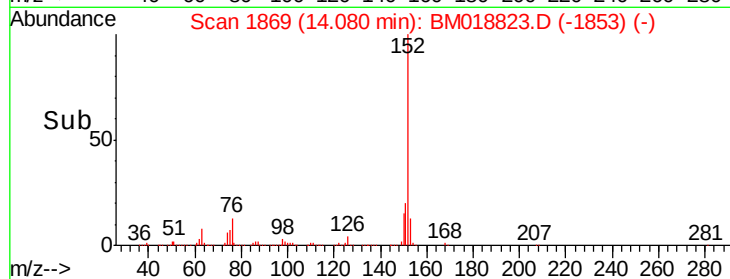
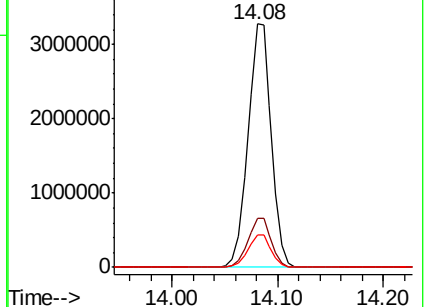
153 13.4 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 68.850 ng

RT: 13.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

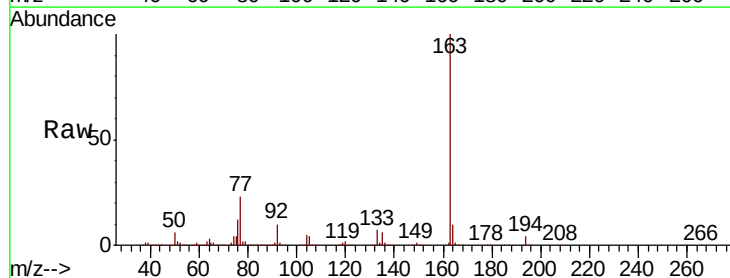
Tgt Ion:163 Resp: 4390875

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

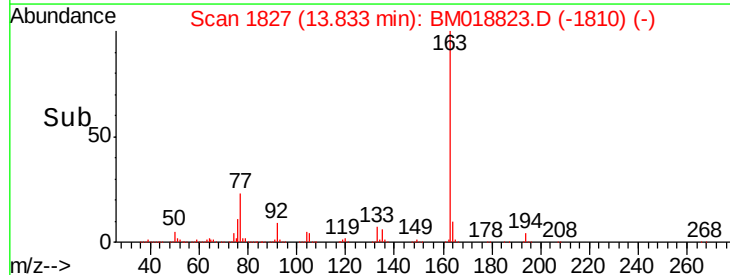
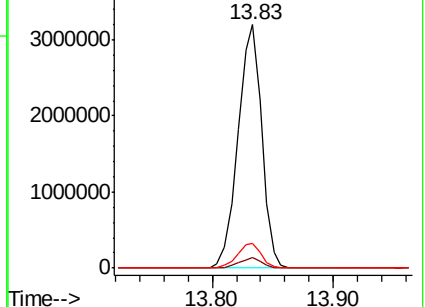
164 10.1 7.8 11.8

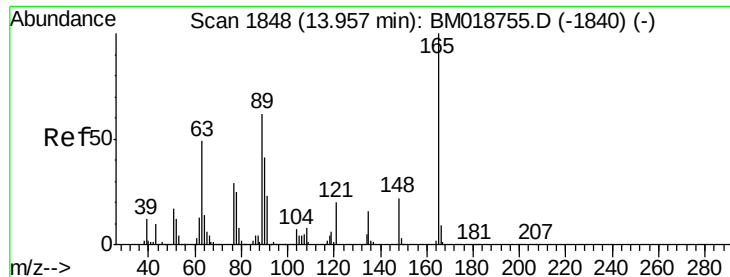


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

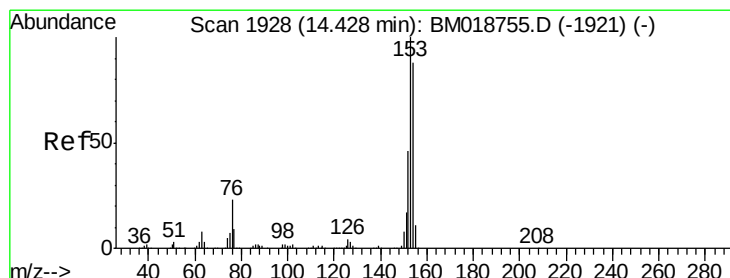
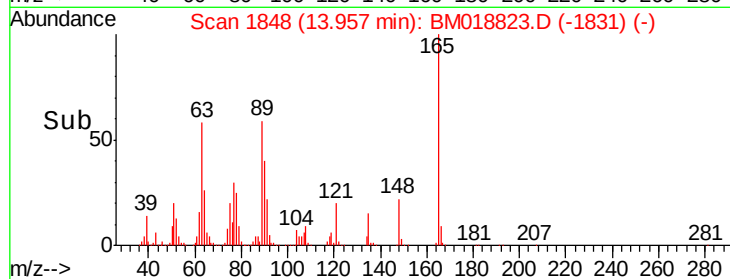
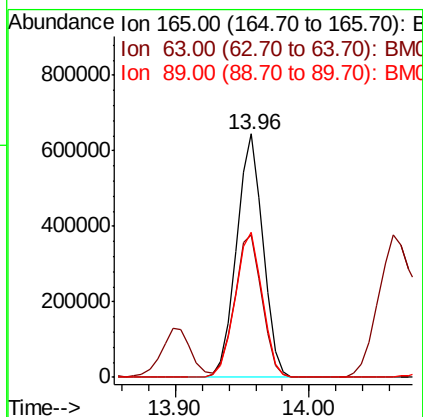
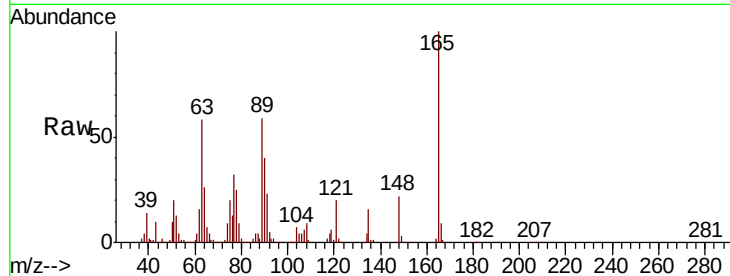




#51
2,6-Dinitrotoluene
Concen: 63.967 ng
RT: 13.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

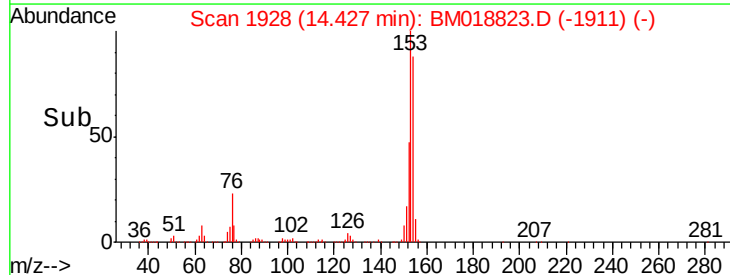
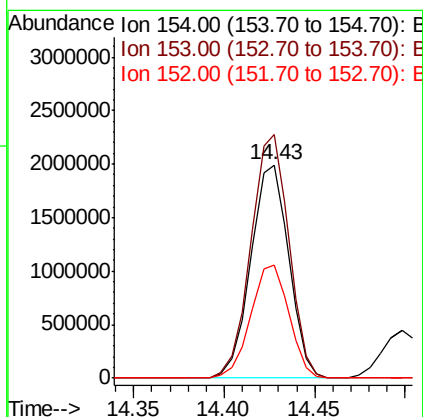
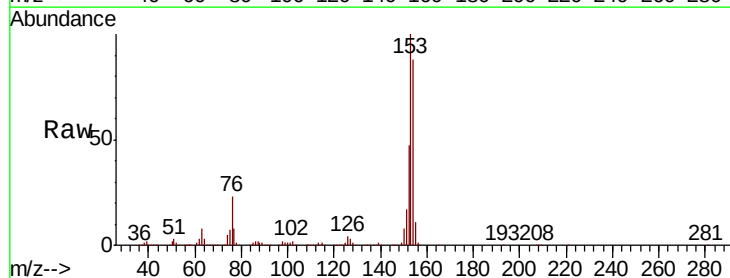
Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

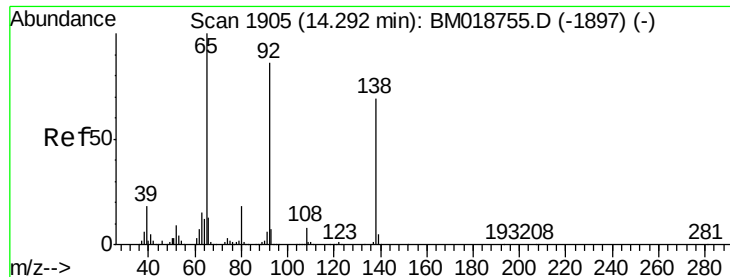
Tgt Ion:165 Resp: 883696
Ion Ratio Lower Upper
165 100
63 58.4 48.9 73.3
89 59.5 49.4 74.0



#52
Acenaphthene
Concen: 62.544 ng
RT: 14.43 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion:154 Resp: 2905276
Ion Ratio Lower Upper
154 100
153 114.2 91.3 136.9
152 53.3 42.2 63.4

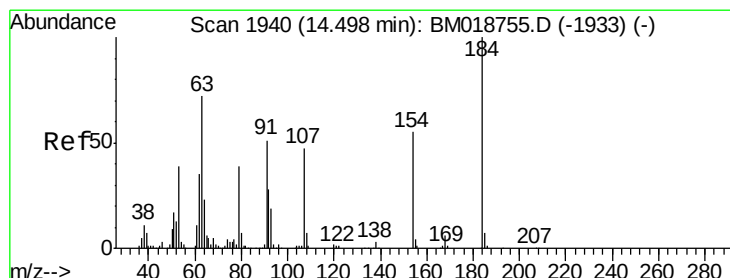
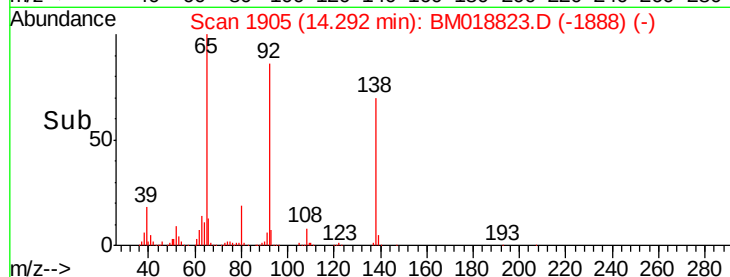
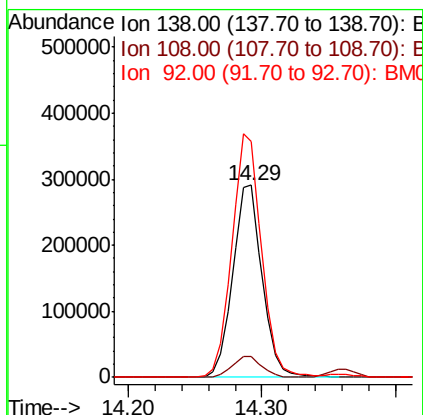
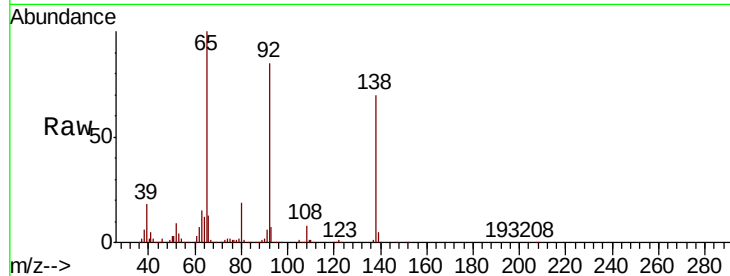




#53
3-Nitroaniline
Concen: 28.609 ng
RT: 14.29 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

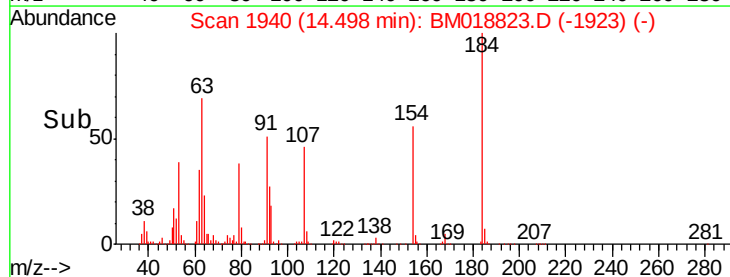
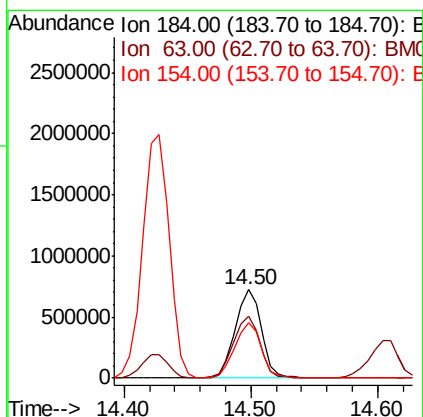
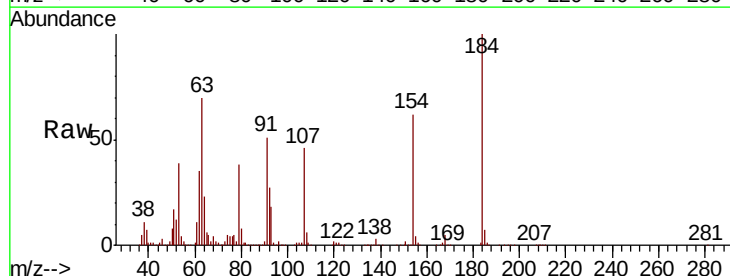
Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

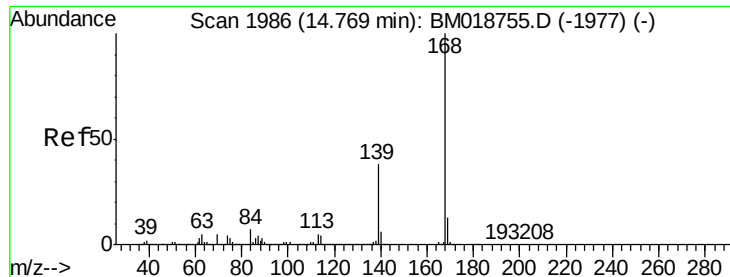
Tgt Ion:138 Resp: 446563
Ion Ratio Lower Upper
138 100
108 11.1 9.1 13.7
92 122.9 99.7 149.5



#54
2,4-Dinitrophenol
Concen: 115.142 ng
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion:184 Resp: 1033238
Ion Ratio Lower Upper
184 100
63 70.2 58.0 87.0
154 62.0 50.3 75.5





#55

Dibenzenofuran

Concen: 61.441 ng

RT: 14.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

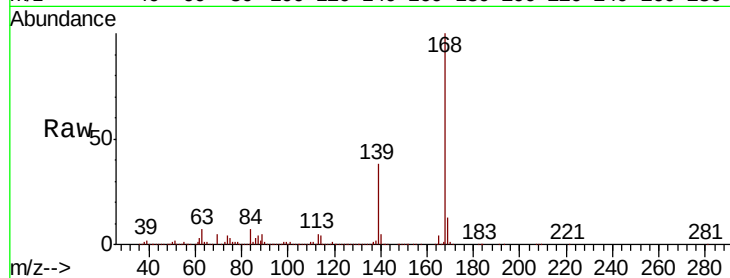
Tgt Ion:168 Resp: 4691020

Ion Ratio Lower Upper

168 100

139 38.0 30.7 46.1

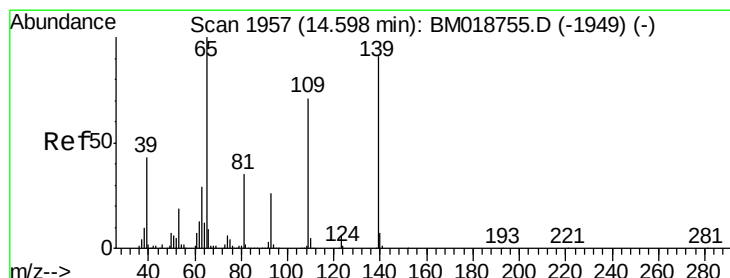
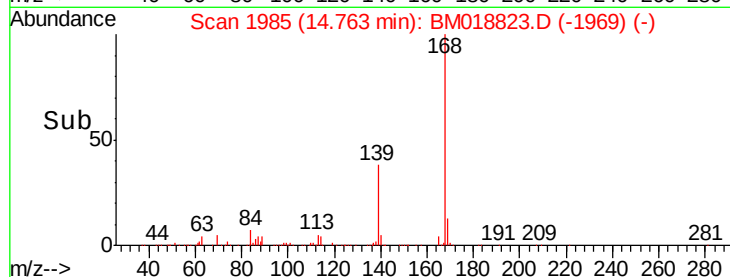
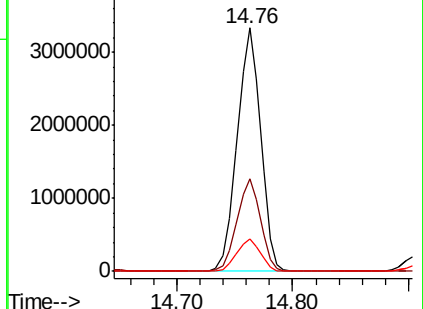
169 13.4 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 124.874 ng

RT: 14.61 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

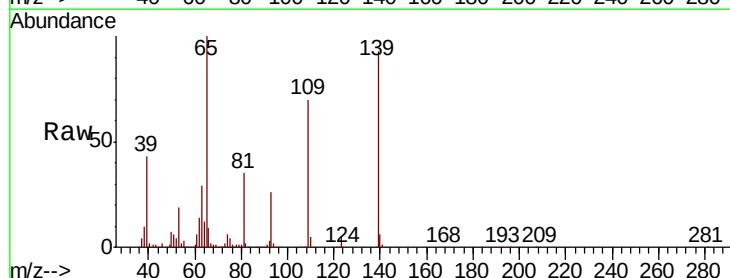
Tgt Ion:139 Resp: 1556008

Ion Ratio Lower Upper

139 100

109 75.3 58.4 98.4

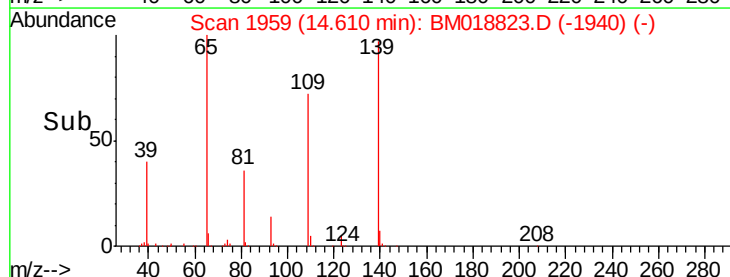
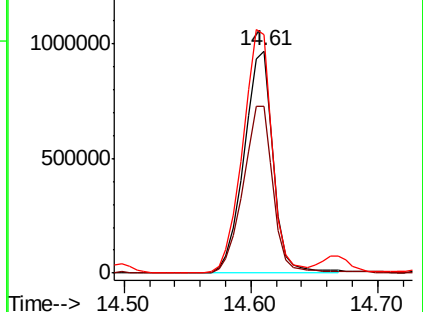
65 107.3 89.8 129.8

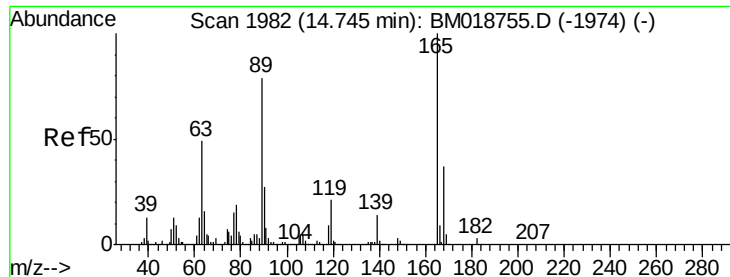


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





#57

2,4-Dinitrotoluene

Concen: 66.207 ng

RT: 14.75 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

Tgt Ion:165 Resp: 1260205

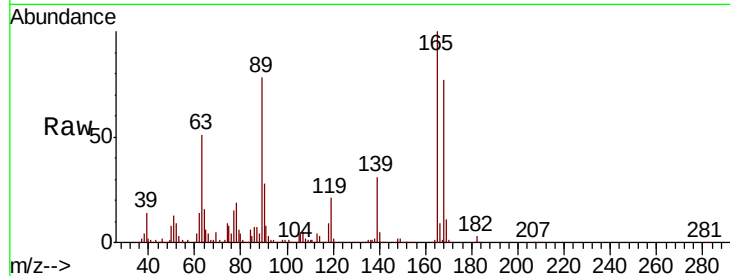
Ion Ratio Lower Upper

165 100

63 51.3 39.6 59.4

89 77.9 63.5 95.3

182 2.7 2.2 3.4



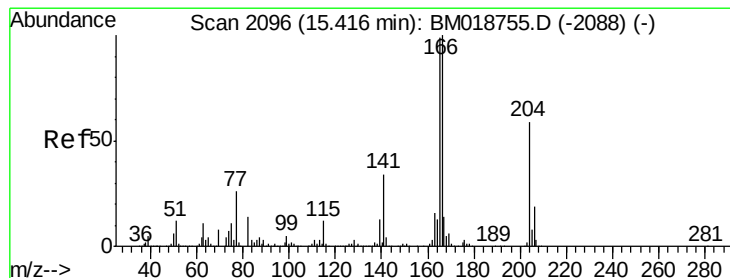
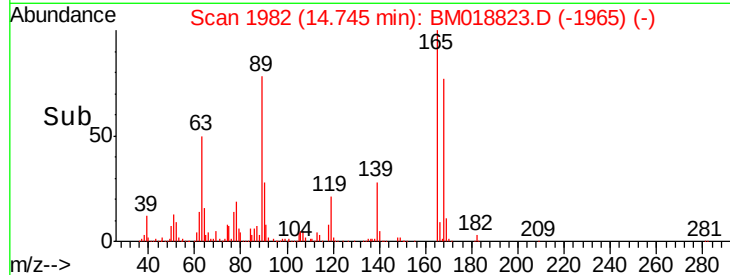
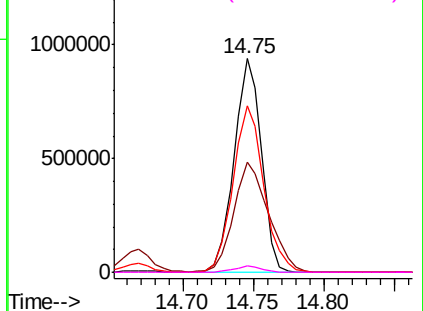
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 66.114 ng

RT: 15.41 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

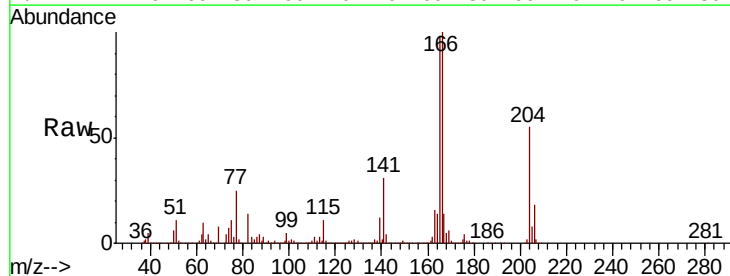
Tgt Ion:166 Resp: 3861774

Ion Ratio Lower Upper

166 100

165 98.2 79.1 118.7

167 13.6 11.0 16.4

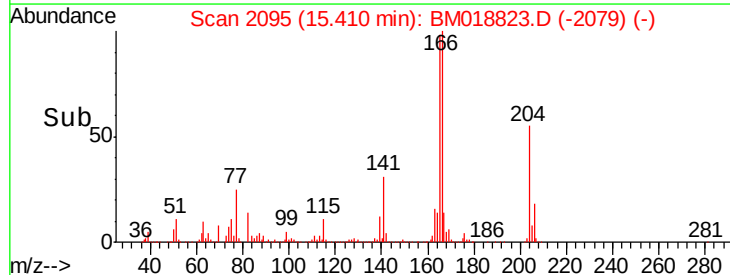
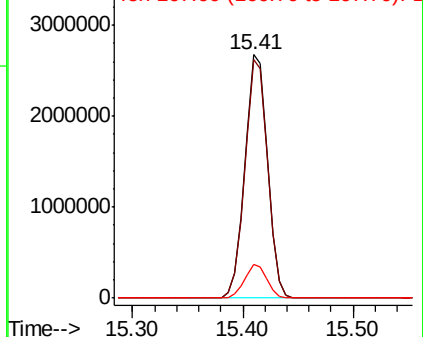


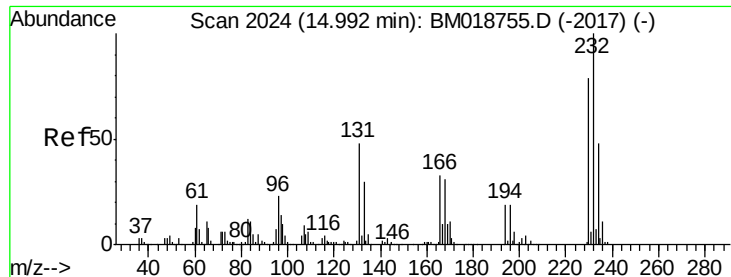
Abundance

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

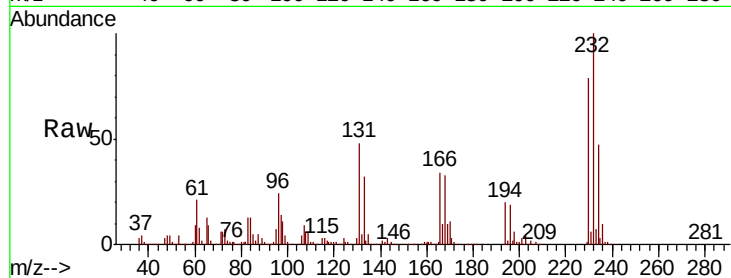




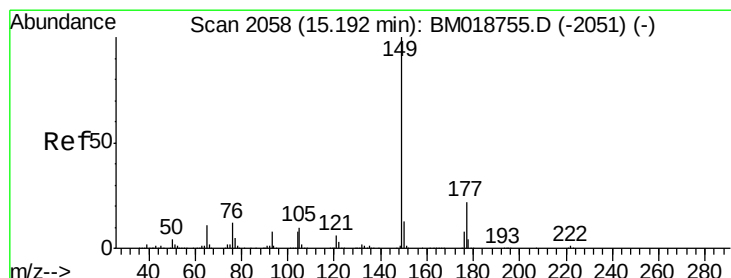
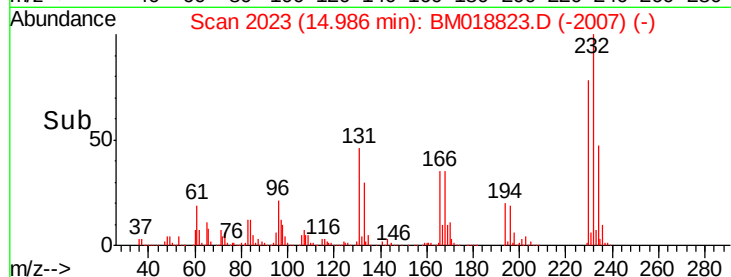
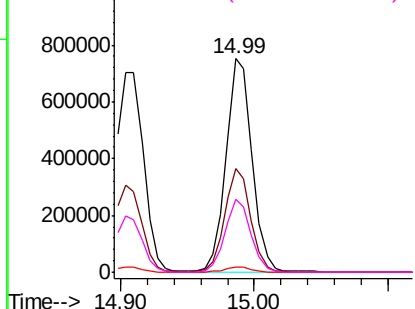
#59
2,3,4,6-Tetrachlorophenol
Concen: 68.344 ng
RT: 14.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tgt Ion:232 Resp: 1026074
Ion Ratio Lower Upper
232 100
131 48.4 38.6 57.8
130 2.5 2.0 3.0
166 33.6 26.9 40.3

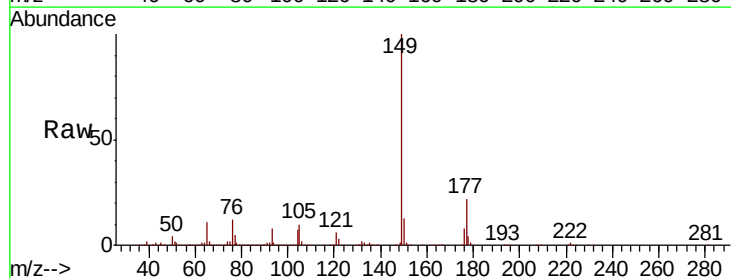


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

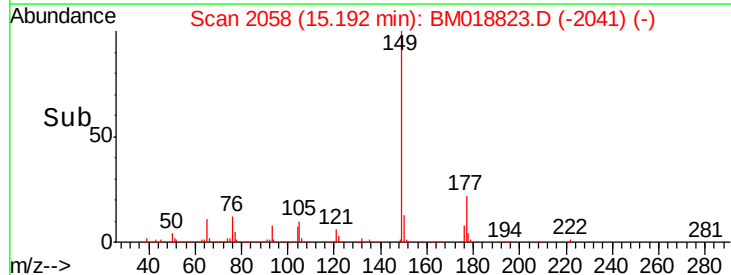
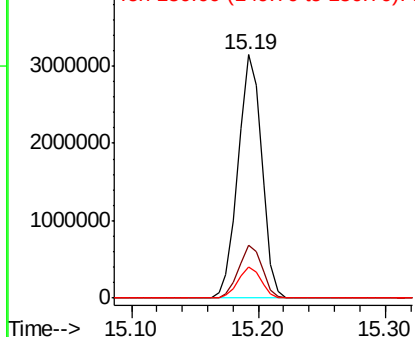


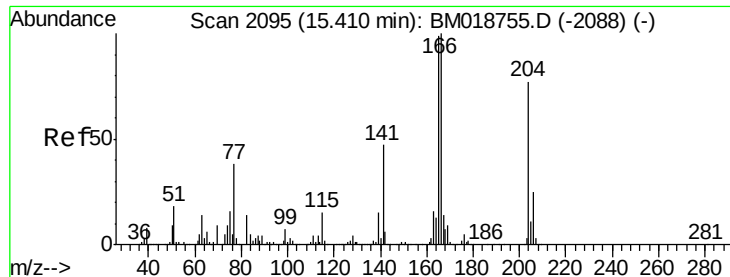
#60
Diethylphthalate
Concen: 61.533 ng
RT: 15.19 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion:149 Resp: 4047982
Ion Ratio Lower Upper
149 100
177 22.0 17.2 25.8
150 12.6 10.2 15.2



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

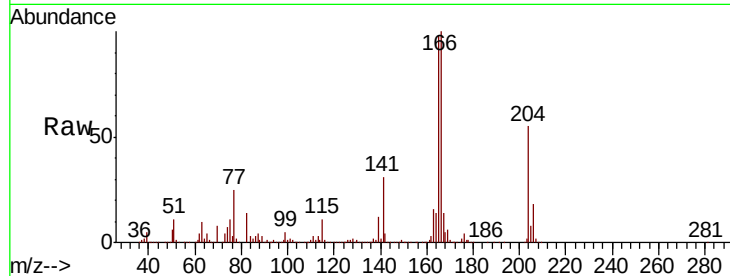




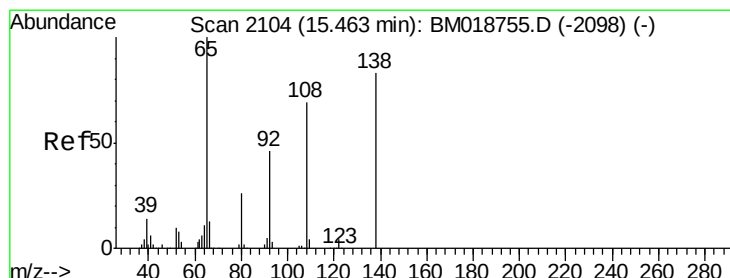
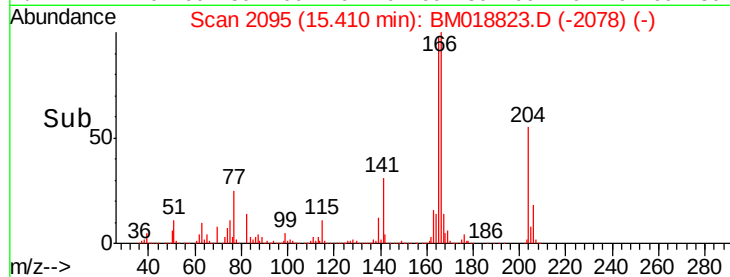
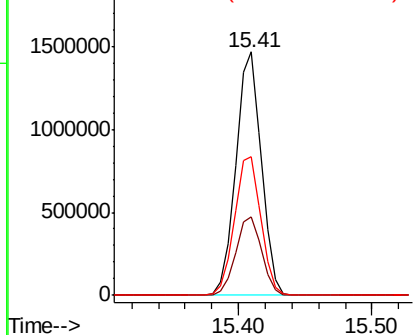
#61
4-Chlorophenyl-phenylether
Concen: 59.077 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tgt Ion:204 Resp: 1934759
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 56.7 49.2 73.8

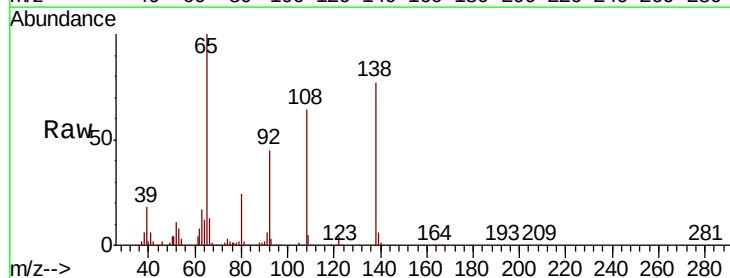


Abundance Ion 204.00 (203.70 to 204.70): E
2000000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

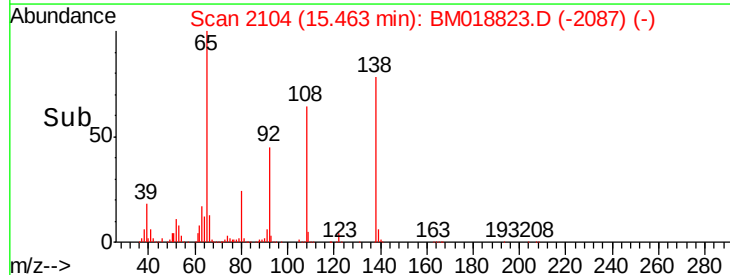
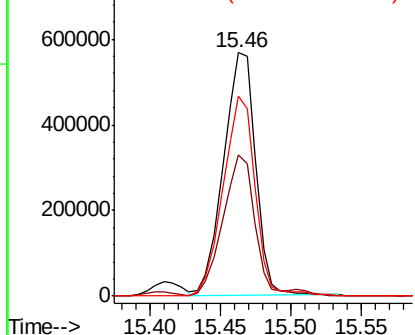


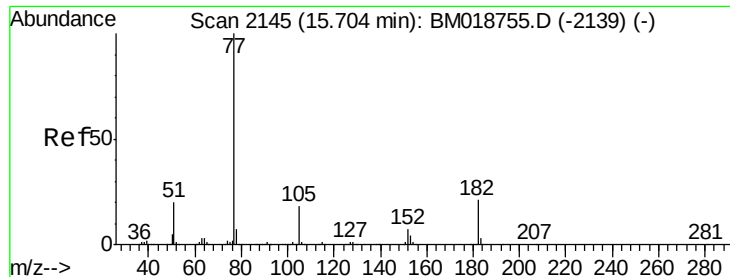
#62
4-Nitroaniline
Concen: 58.677 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion:138 Resp: 897917
Ion Ratio Lower Upper
138 100
92 58.2 35.5 75.5
108 82.1 62.4 102.4



Abundance Ion 138.00 (137.70 to 138.70): E
600000
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 61.945 ng

RT: 15.70 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

Tgt Ion: 77 Resp: 4369368

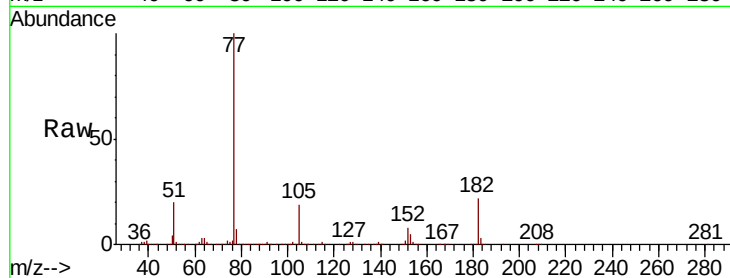
Ion Ratio Lower Upper

77 100

182 22.4 1.0 41.0

105 18.6 0.0 37.7

51 20.1 0.3 40.3

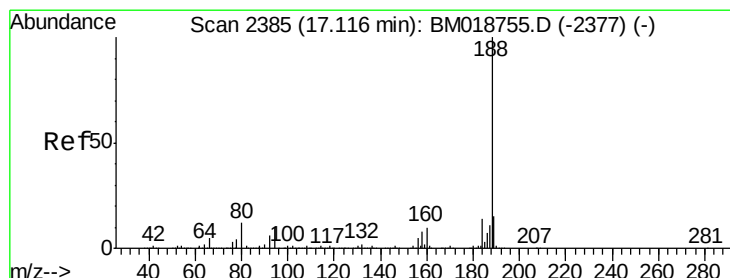
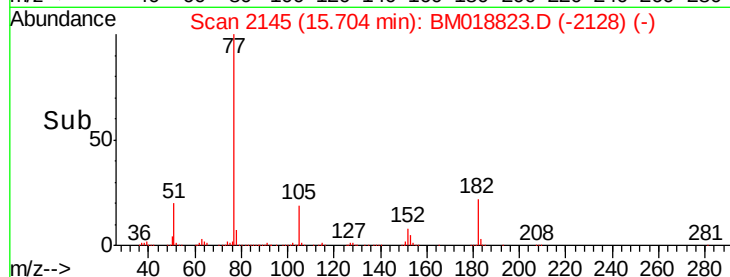
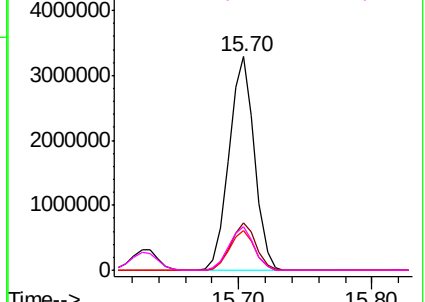


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

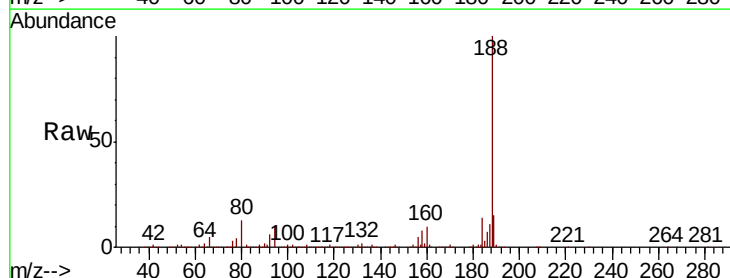
Tgt Ion: 188 Resp: 1682792

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

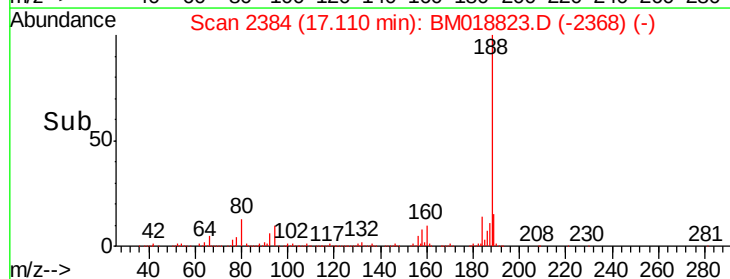
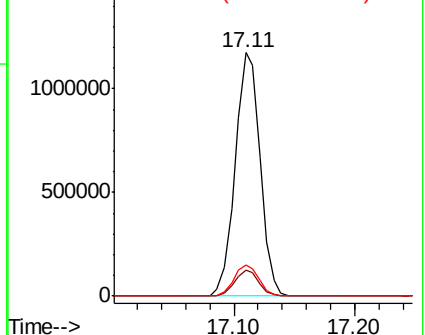
80 12.8 9.7 14.5

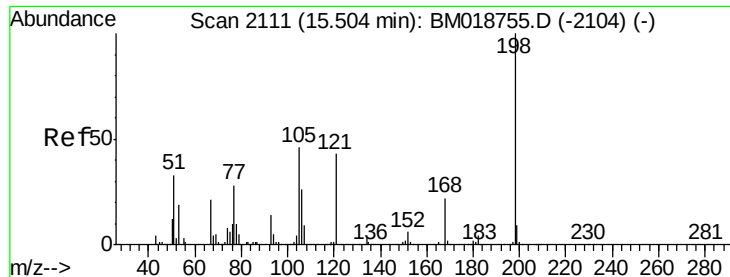


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 59.810 ng

RT: 15.50 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

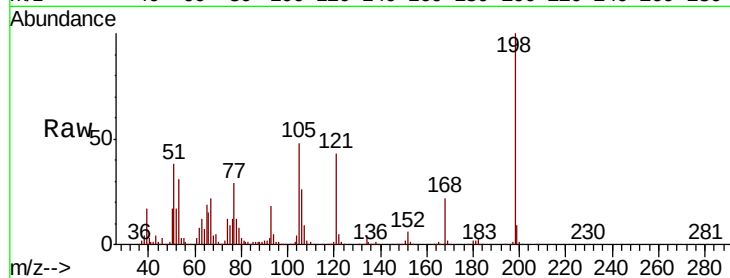
Tgt Ion:198 Resp: 706656

Ion Ratio Lower Upper

198 100

51 38.0 18.4 58.4

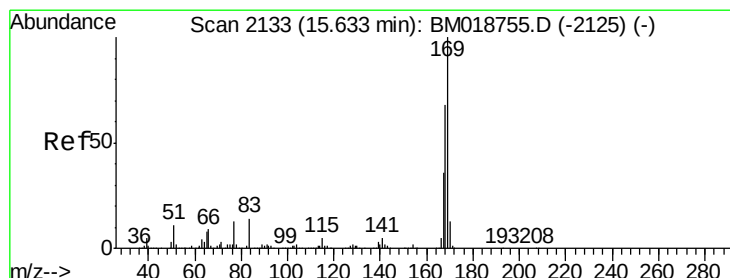
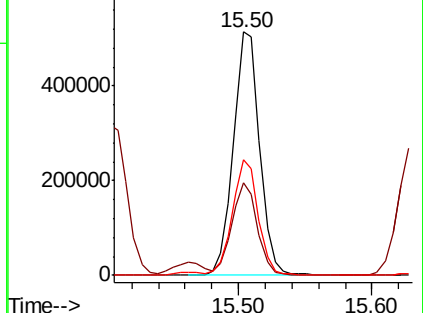
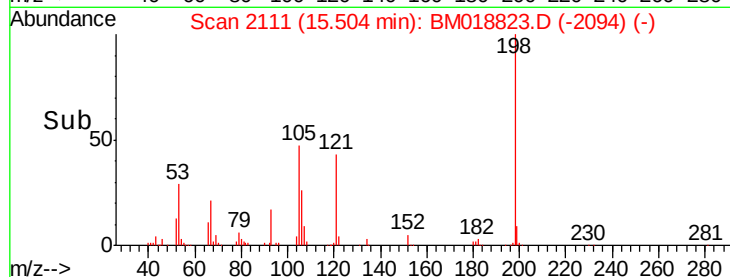
105 47.7 27.2 67.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 63.070 ng

RT: 15.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

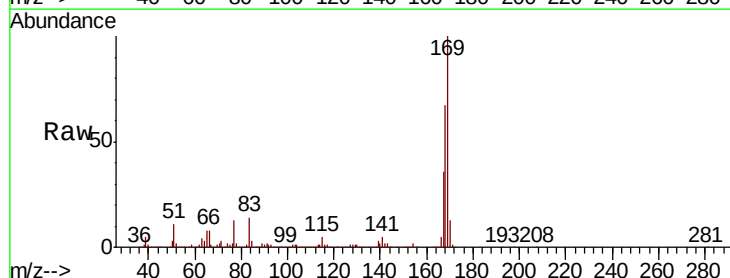
Tgt Ion:169 Resp: 3353206

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

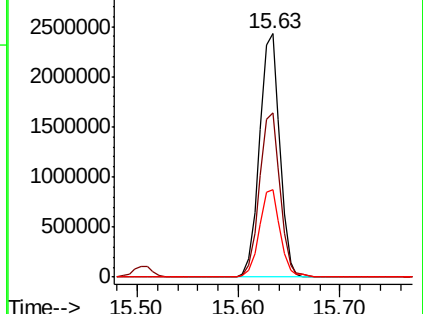
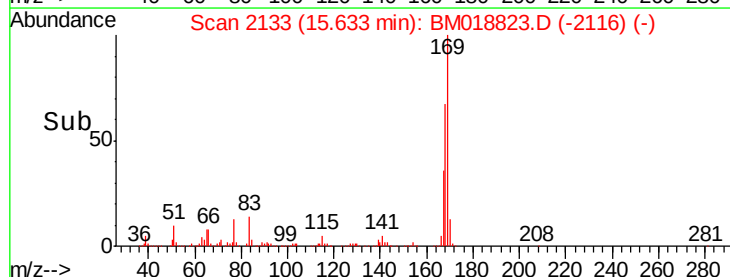
167 36.0 29.0 43.6

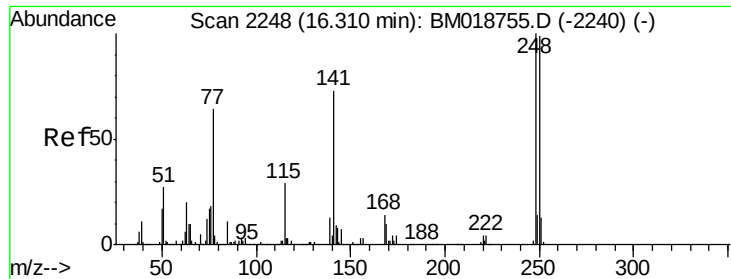


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

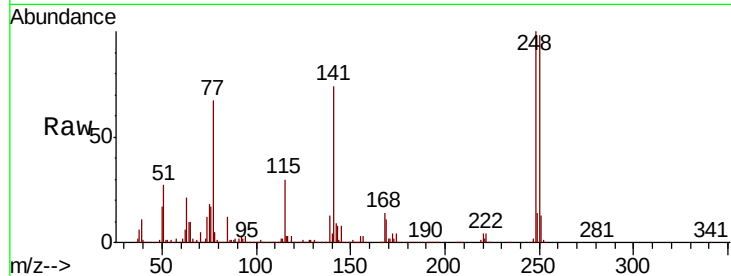




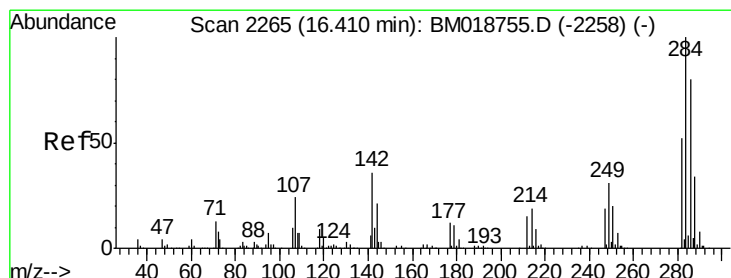
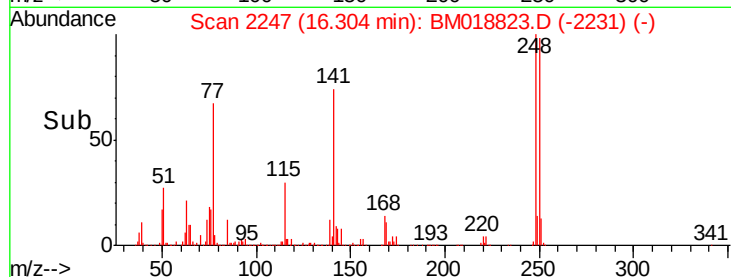
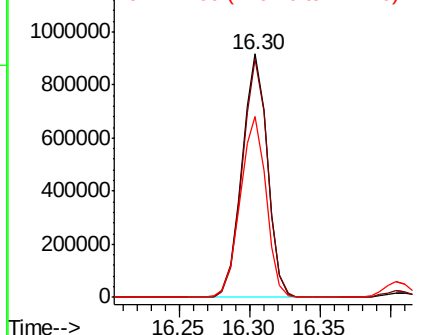
#67
 4-Bromophenyl-phenylether
 Concen: 61.080 ng
 RT: 16.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

Tgt Ion:248 Resp: 1150502
 Ion Ratio Lower Upper
 248 100
 250 97.7 79.0 118.6
 141 74.5 58.6 88.0

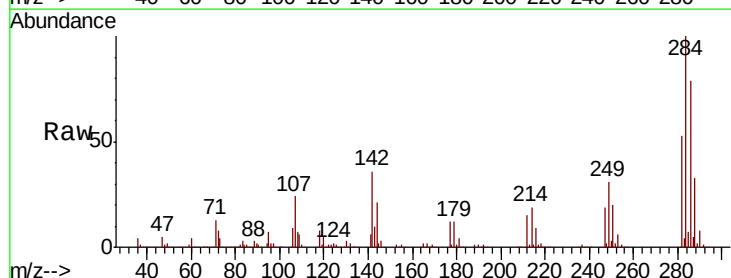


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

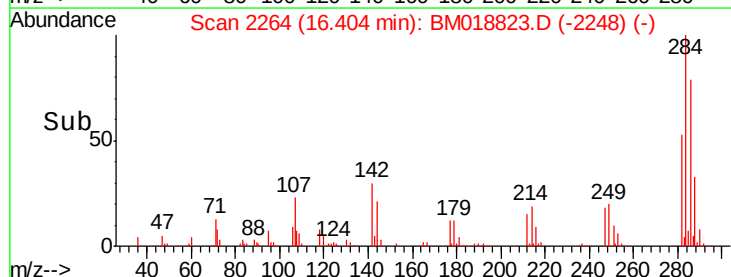
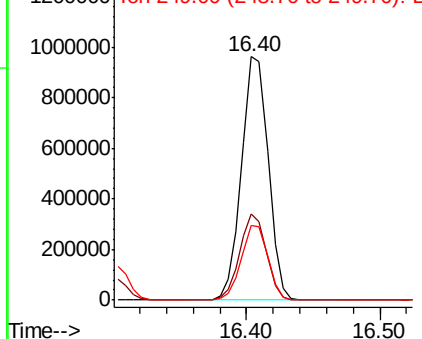


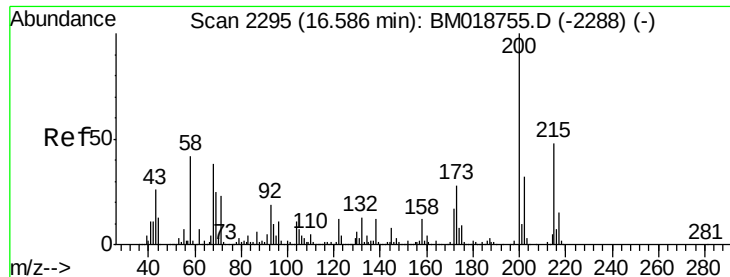
#68
 Hexachlorobenzene
 Concen: 60.751 ng
 RT: 16.40 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

Tgt Ion:284 Resp: 1330083
 Ion Ratio Lower Upper
 284 100
 142 35.6 28.9 43.3
 249 30.8 24.8 37.2



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





#69

Atrazine

Concen: 64.891 ng

RT: 16.59 min Scan# 2295

Delta R.T. 0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

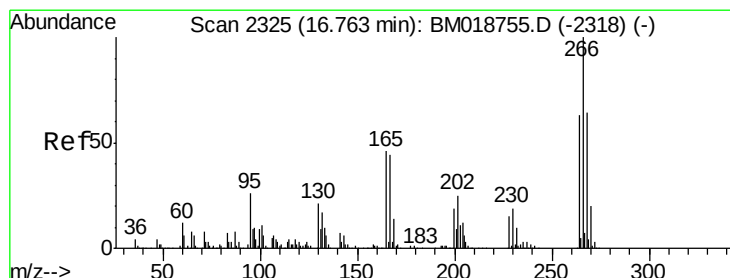
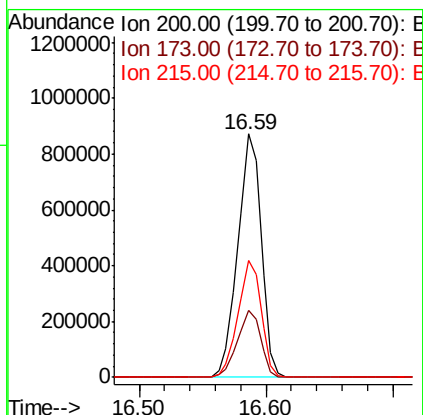
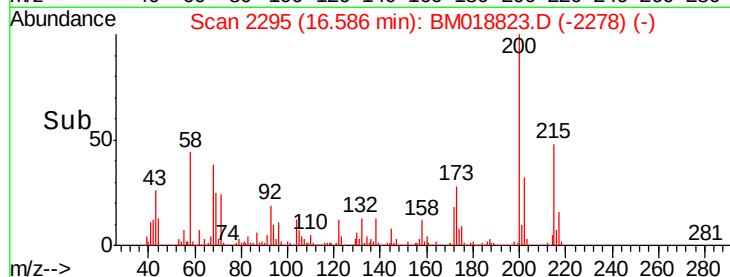
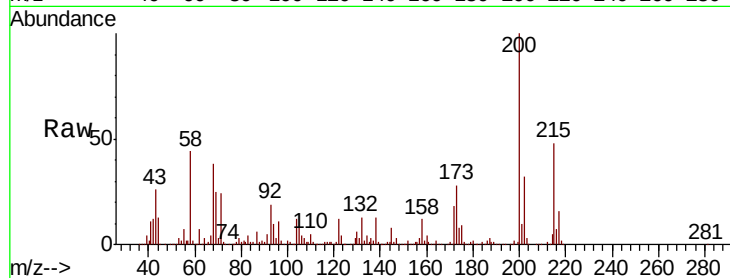
Tgt Ion:200 Resp: 1112232

Ion Ratio Lower Upper

200 100

173 27.7 7.6 47.6

215 48.0 27.6 67.6



#70

Pentachlorophenol

Concen: 125.998 ng

RT: 16.76 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

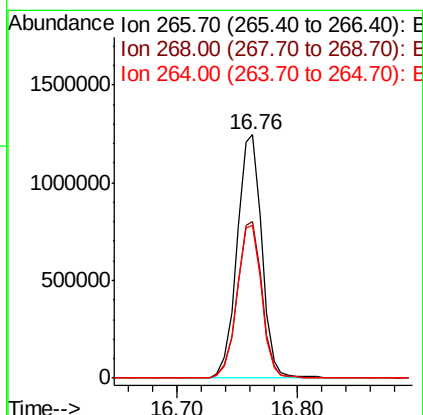
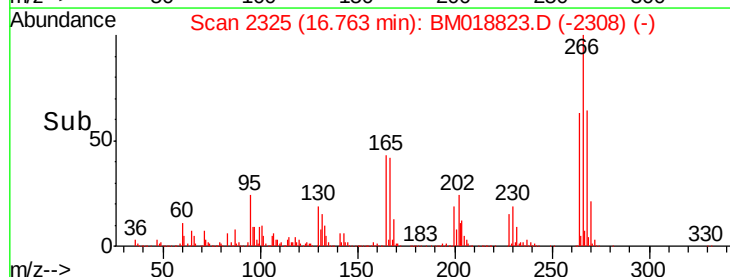
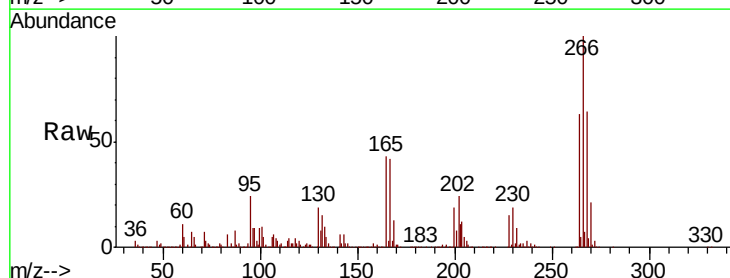
Tgt Ion:266 Resp: 1776196

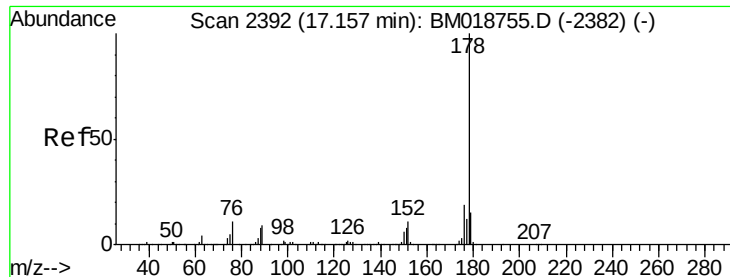
Ion Ratio Lower Upper

266 100

268 64.4 51.3 76.9

264 62.9 50.6 75.8

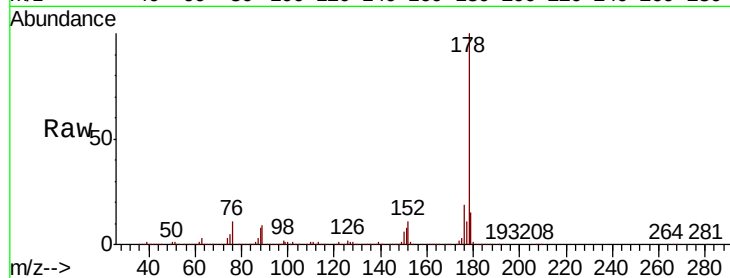




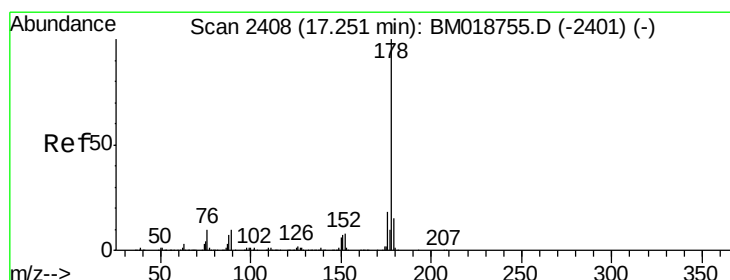
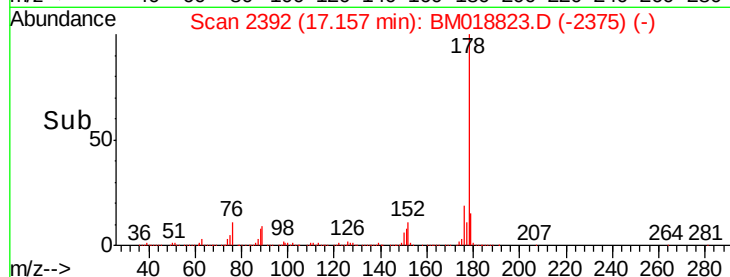
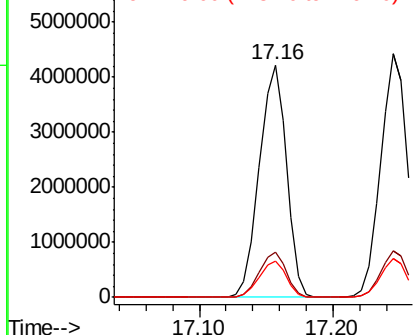
#71
Phenanthrene
Concen: 65.468 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tgt Ion:178 Resp: 5920664
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.3 18.5

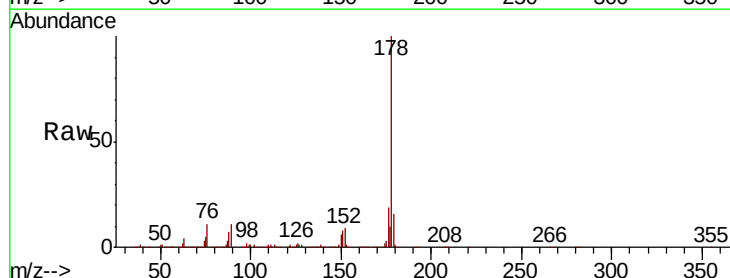


Abundance Ion 178.00 (177.70 to 178.70): E
6000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

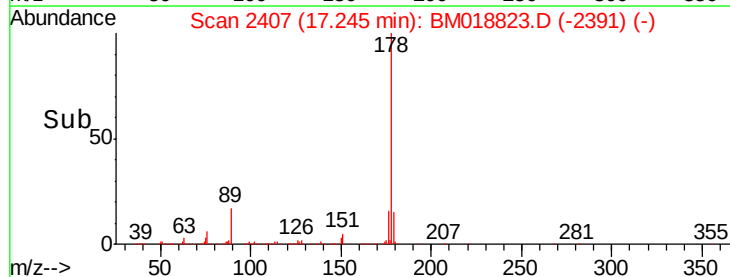
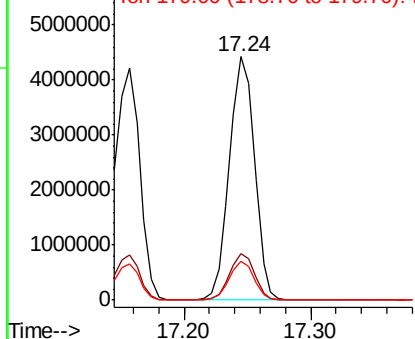


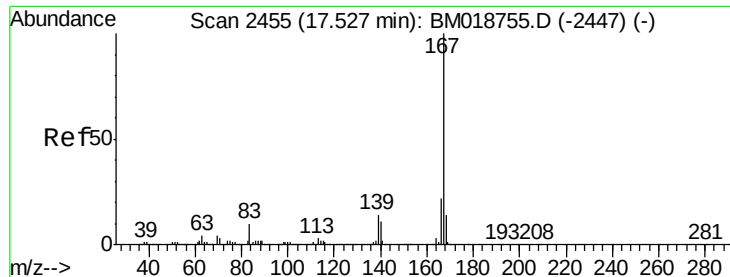
#72
Anthracene
Concen: 68.971 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion:178 Resp: 6071120
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.7 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
6000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

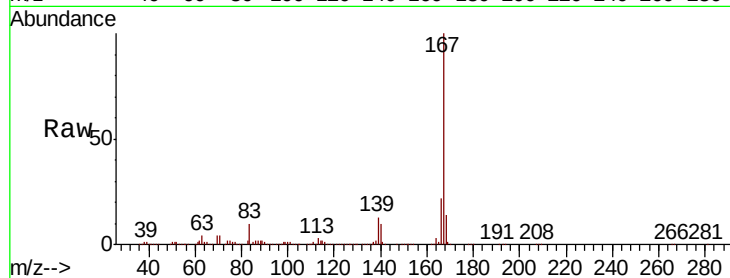




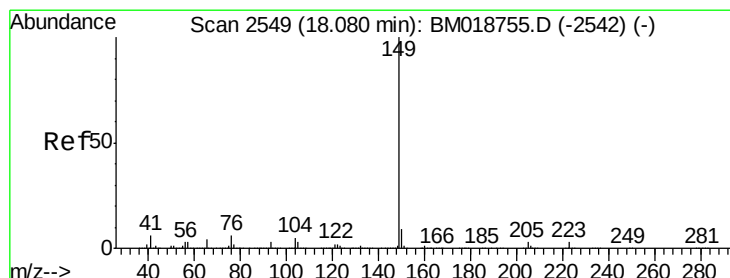
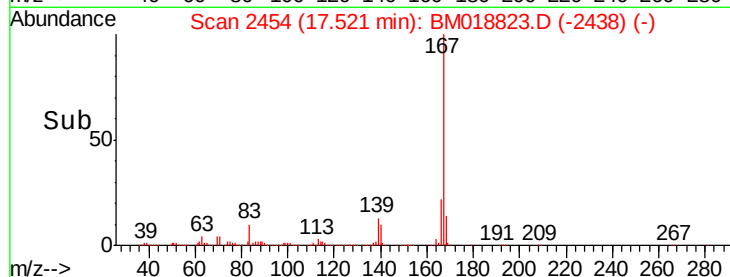
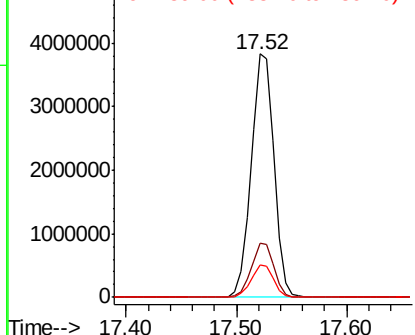
#73
 Carbazole
 Concen: 60.418 ng
 RT: 17.52 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

Tgt Ion:167 Resp: 5556308
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 13.4 10.9 16.3

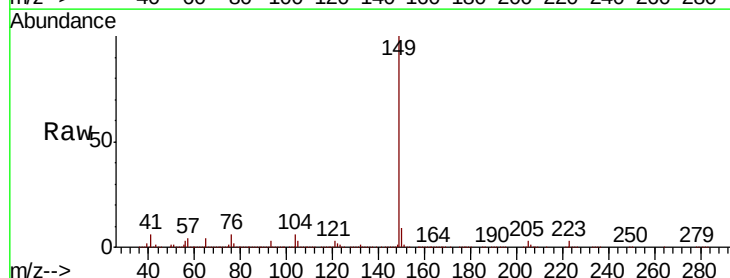


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

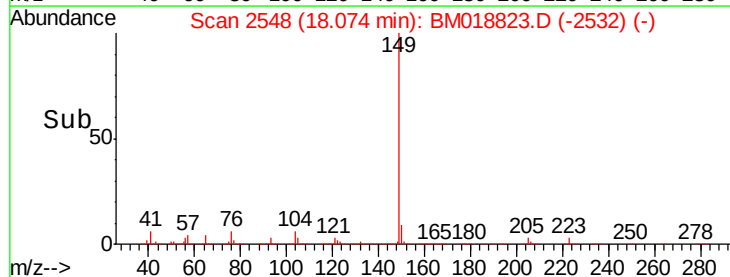
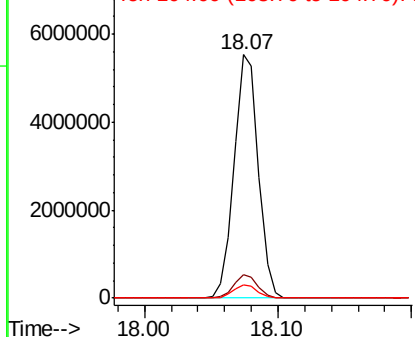


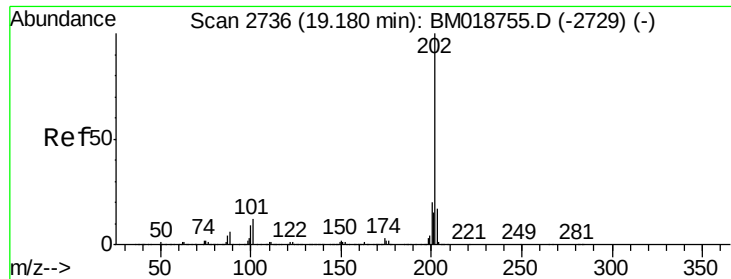
#74
 Di-n-butylphthalate
 Concen: 66.113 ng
 RT: 18.07 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

Tgt Ion:149 Resp: 6992468
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 5.6 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 65.245 ng

RT: 19.17 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

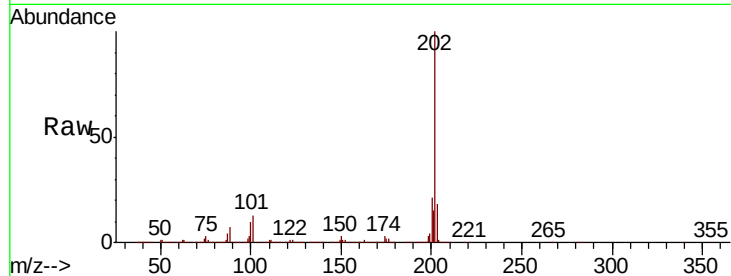
Tgt Ion:202 Resp: 6815852

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.5

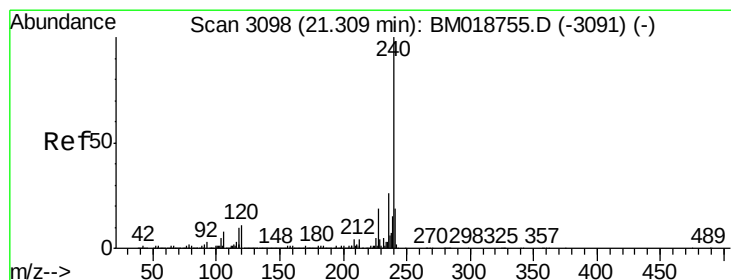
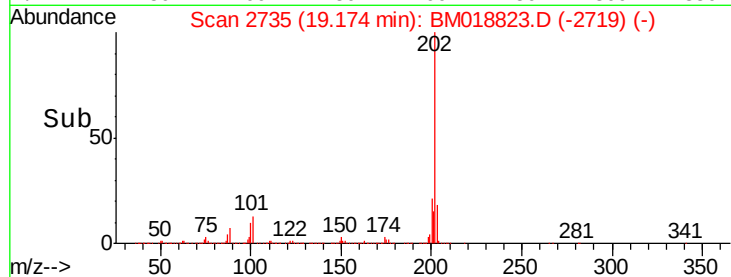
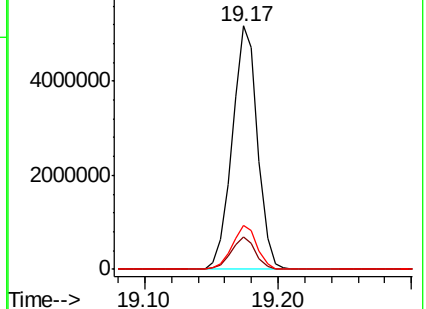
203 18.2 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

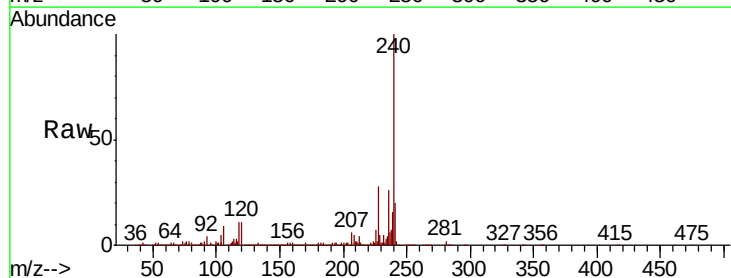
Tgt Ion:240 Resp: 1680386

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

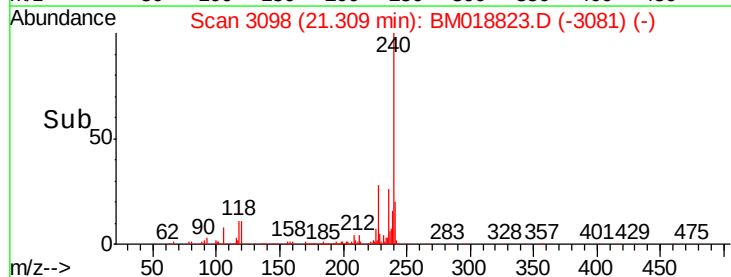
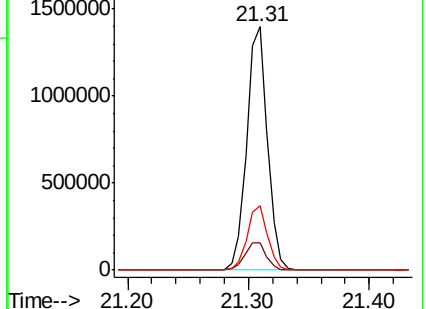
236 26.4 20.9 31.3

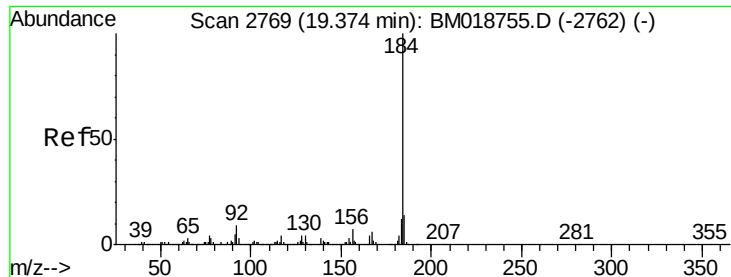


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 101.372 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

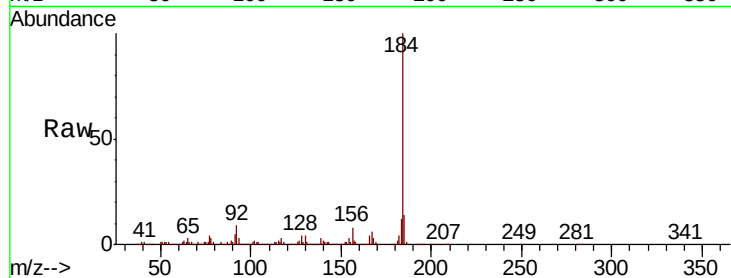
BNA_M

ClientSampleId :

CH-021419MSD

Tgt Ion:184 Resp: 3836387

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.2	16.8
183	12.3	9.7	14.5

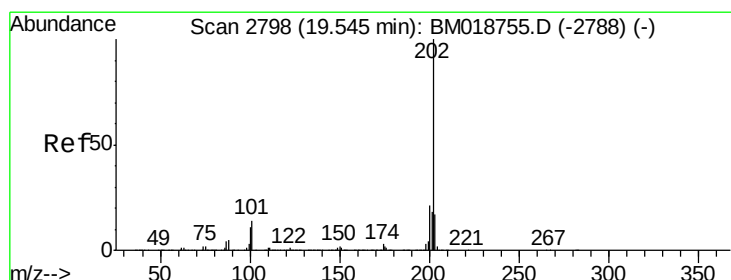
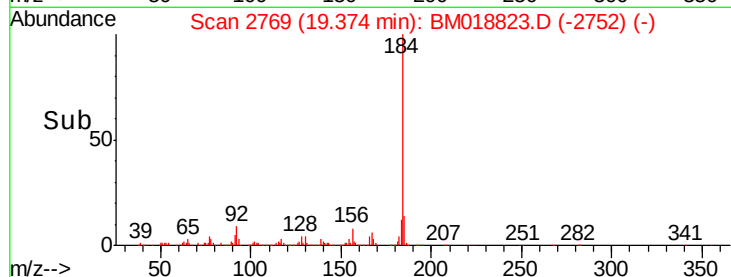
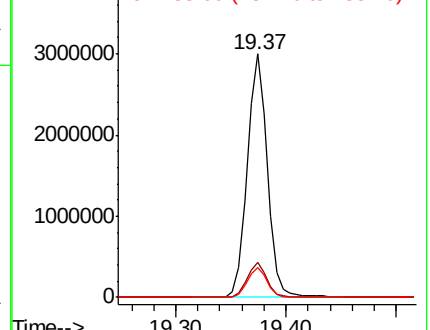


Abundance

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



#78

Pyrene

Concen: 71.179 ng

RT: 19.54 min Scan# 2797

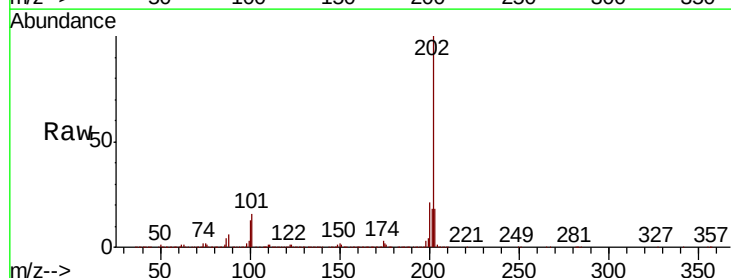
Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Tgt Ion:202 Resp: 6946715

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.0	13.8	20.8

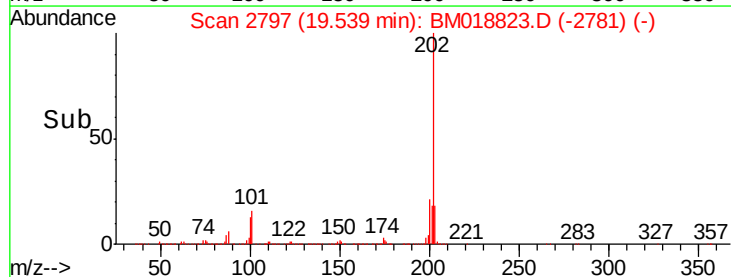
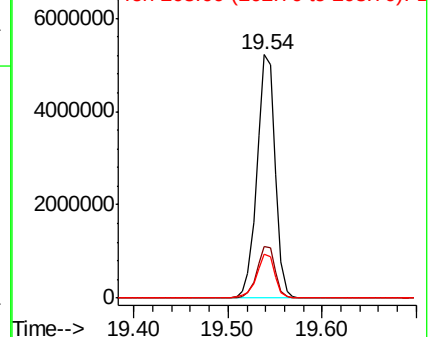


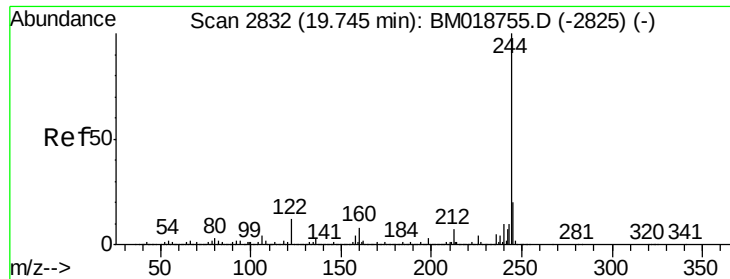
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 130.135 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

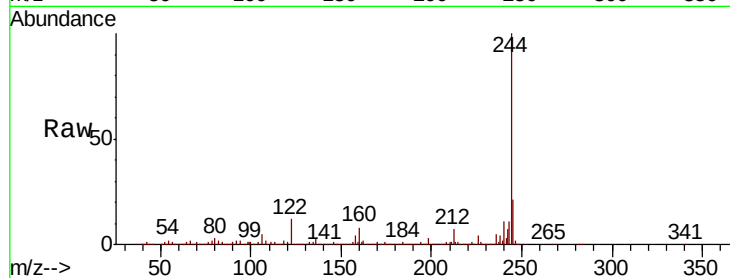
Tgt Ion:244 Resp:10600522

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

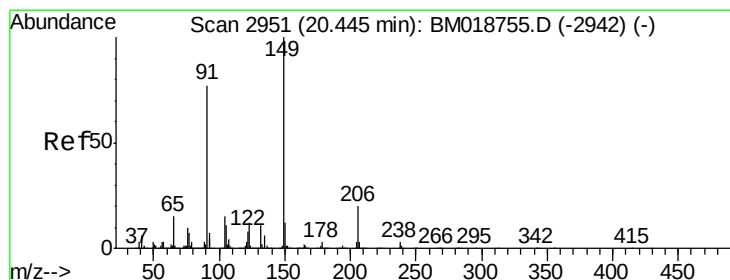
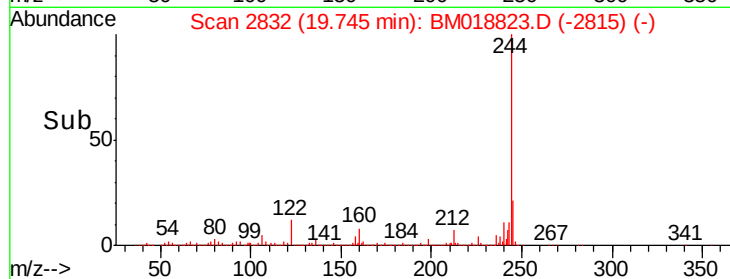
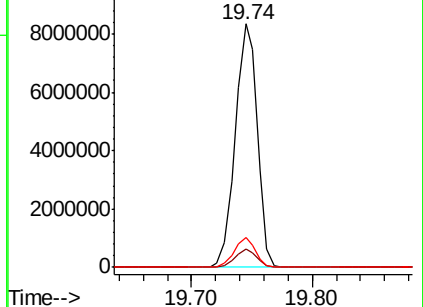
122 12.3 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 74.788 ng

RT: 20.44 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

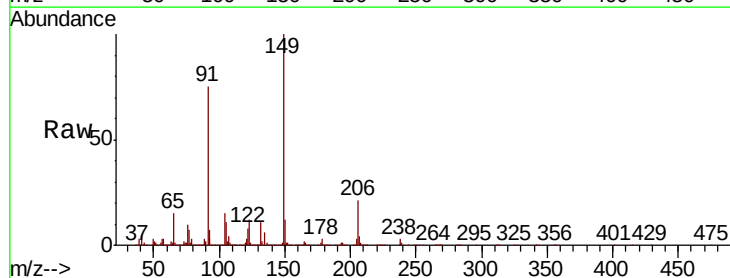
Tgt Ion:149 Resp: 3326418

Ion Ratio Lower Upper

149 100

91 74.7 61.4 92.0

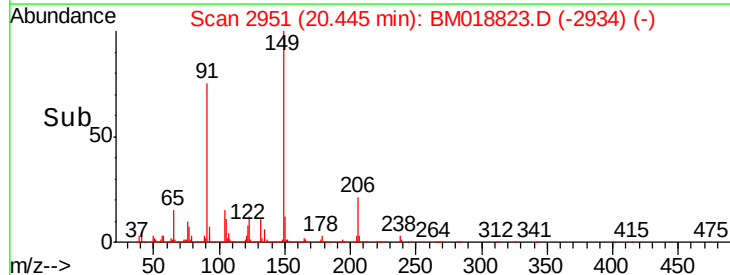
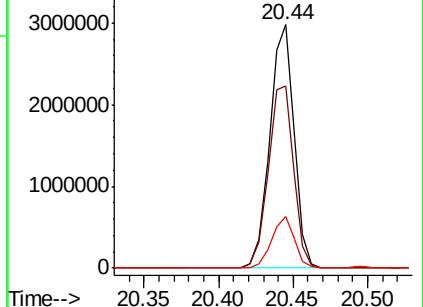
206 21.4 15.8 23.8

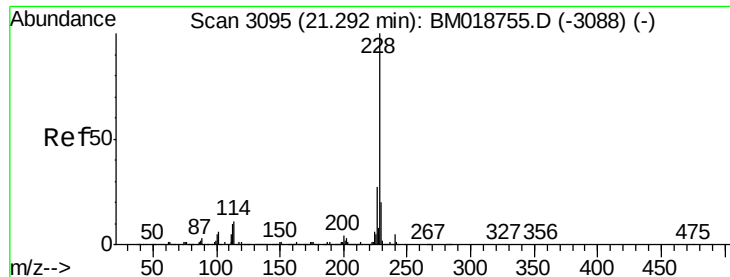


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 67.095 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

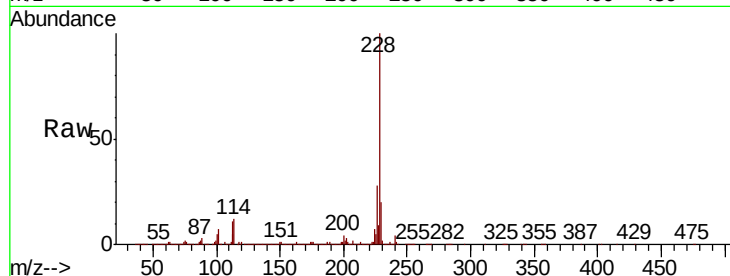
Tgt Ion:228 Resp: 6572153

Ion Ratio Lower Upper

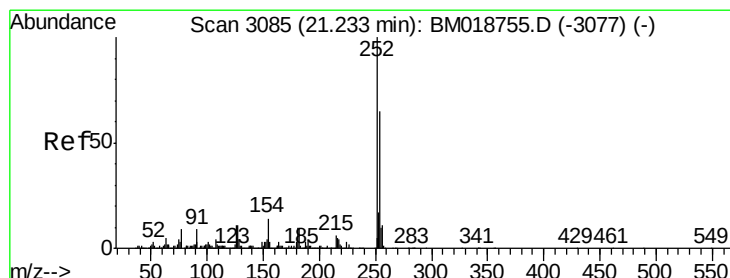
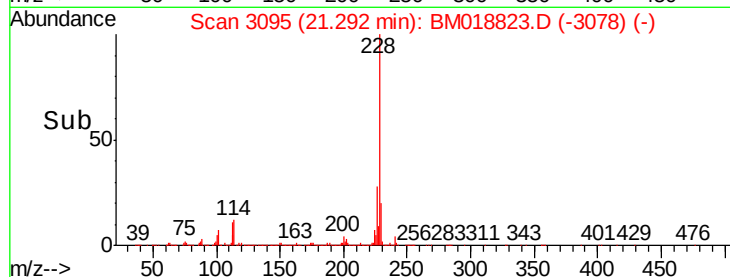
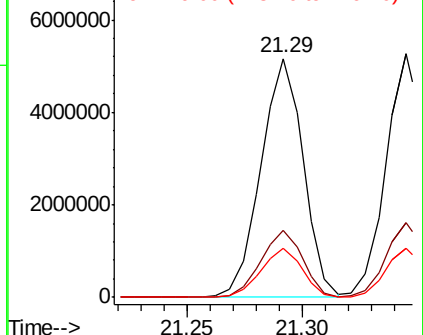
228 100

226 28.0 21.9 32.9

229 20.4 15.9 23.9



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



#82

3,3'-Dichlorobenzidine

Concen: 37.326 ng

RT: 21.23 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

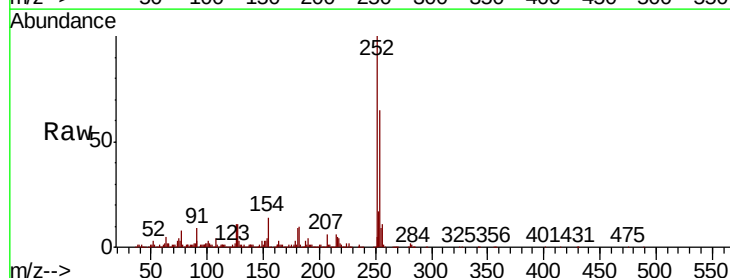
Tgt Ion:252 Resp: 1444996

Ion Ratio Lower Upper

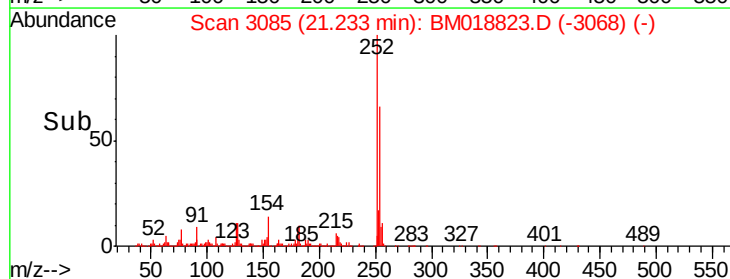
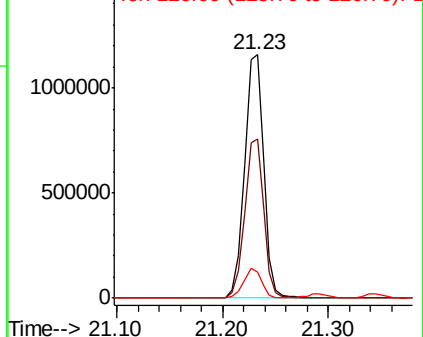
252 100

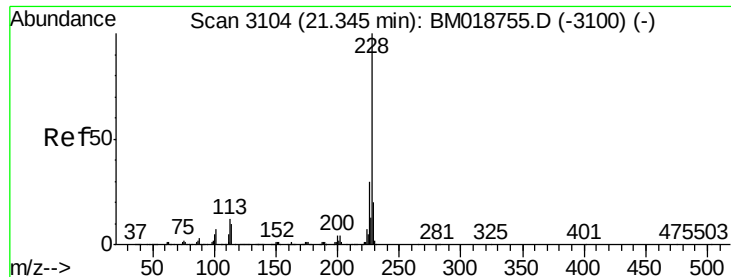
254 65.5 51.8 77.8

126 10.8 9.1 13.7



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





#83

Chrysene

Concen: 65.510 ng

RT: 21.34 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

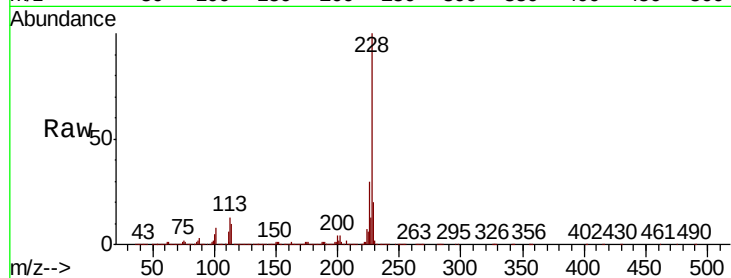
Tgt Ion:228 Resp: 6150488

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

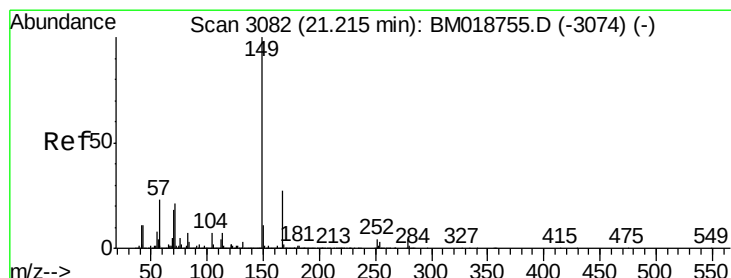
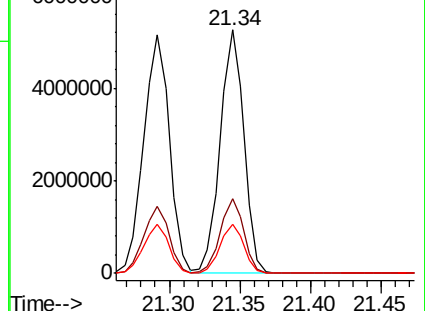
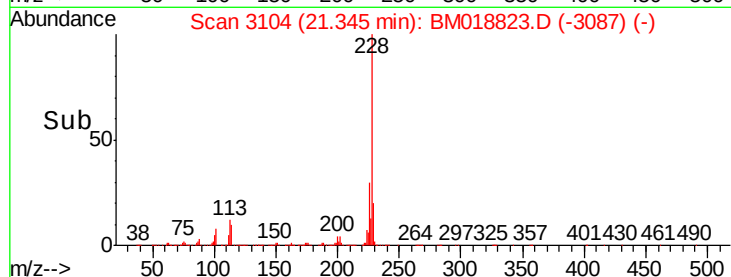
229 20.1 16.0 24.0



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 73.484 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

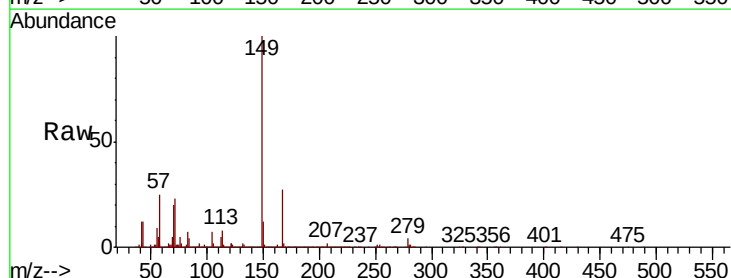
Tgt Ion:149 Resp: 4783671

Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

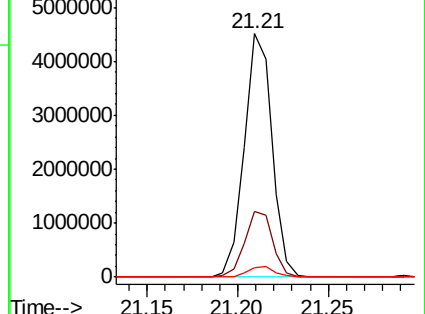
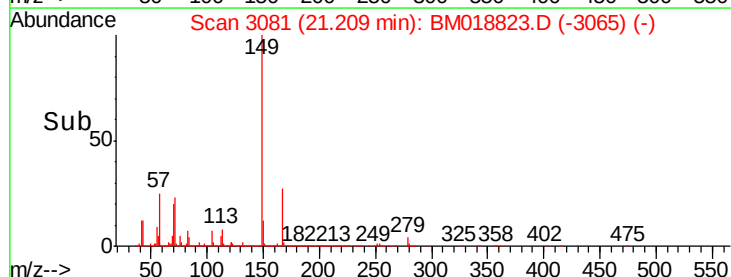
279 4.1 3.6 5.4

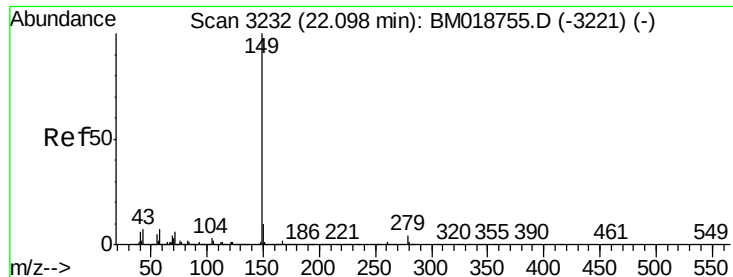


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 72.547 ng

RT: 22.10 min Scan# 3232

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

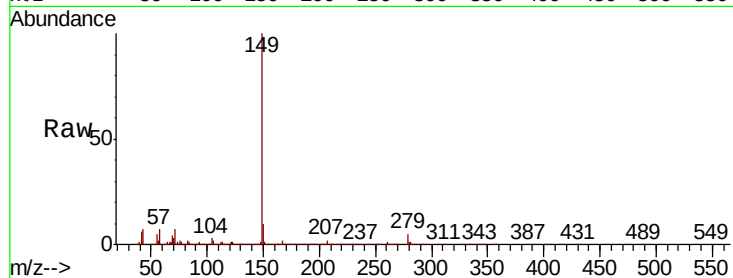
Tgt Ion:149 Resp: 7937460

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

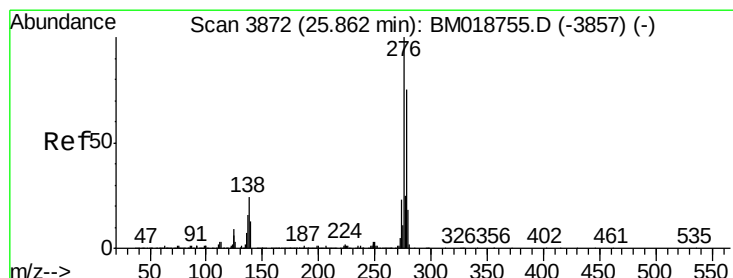
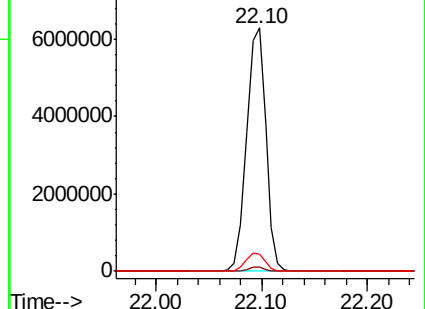
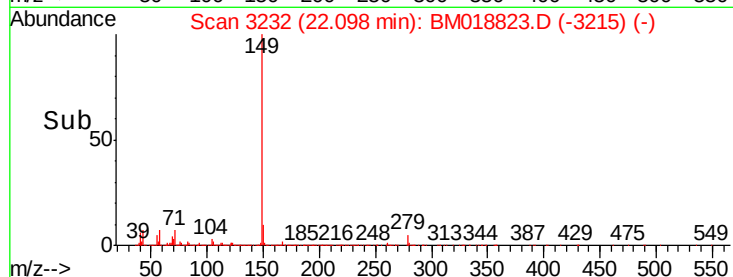
43 7.5 6.0 9.0



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.578 ng

RT: 25.86 min Scan# 3872

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

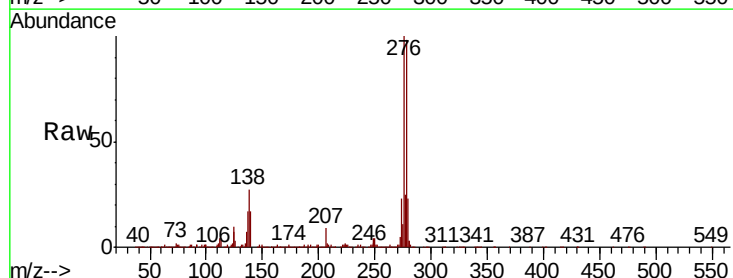
Tgt Ion:276 Resp: 5807635

Ion Ratio Lower Upper

276 100

138 25.8 20.2 30.4

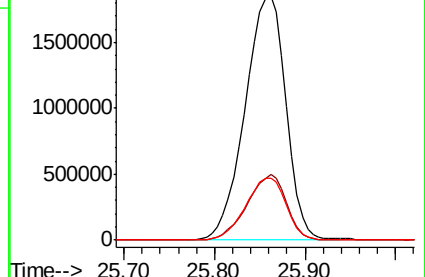
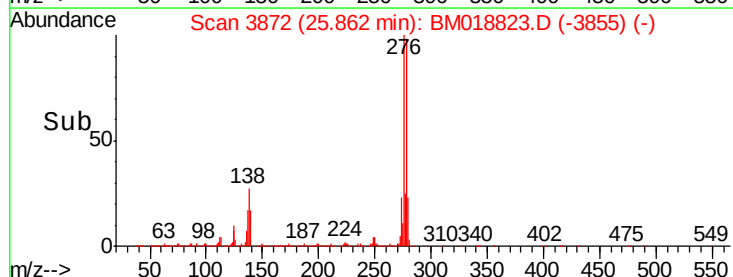
277 25.4 20.3 30.5

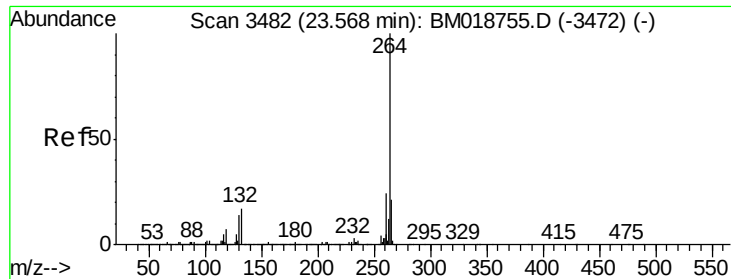


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

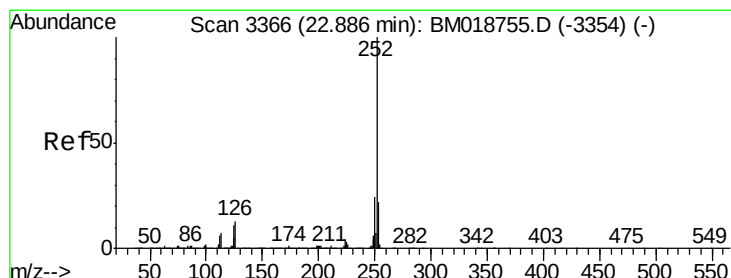
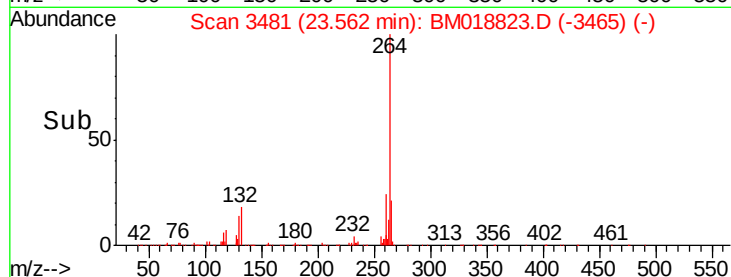
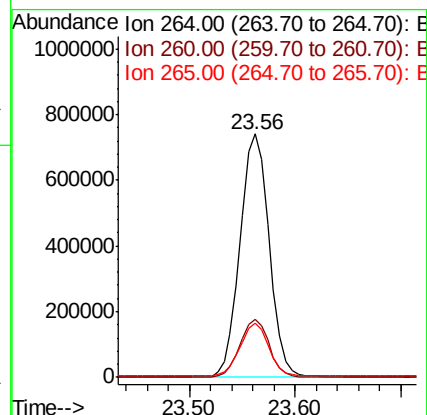
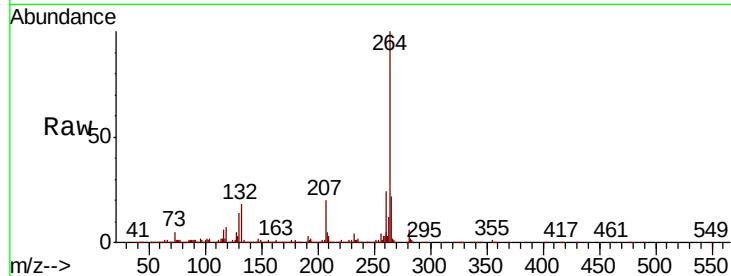




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.56 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

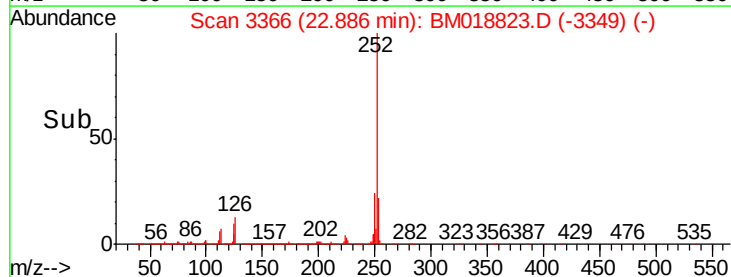
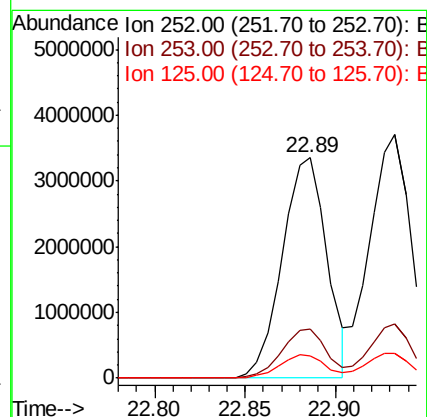
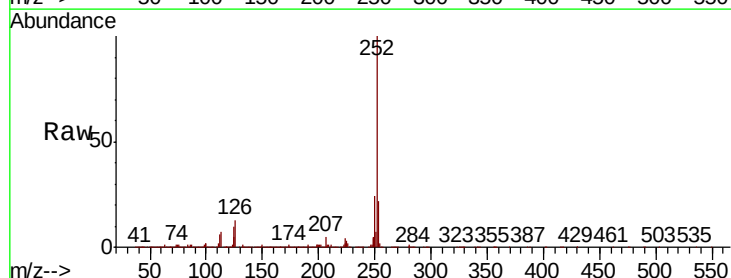
Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

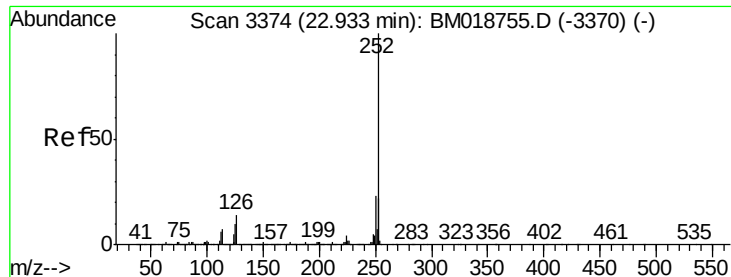
Tgt Ion:264 Resp: 1417024
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 22.1 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 71.340 ng
RT: 22.89 min Scan# 3366
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion:252 Resp: 5783735
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.3 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 72.638 ng

RT: 22.93 min Scan# 3374

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

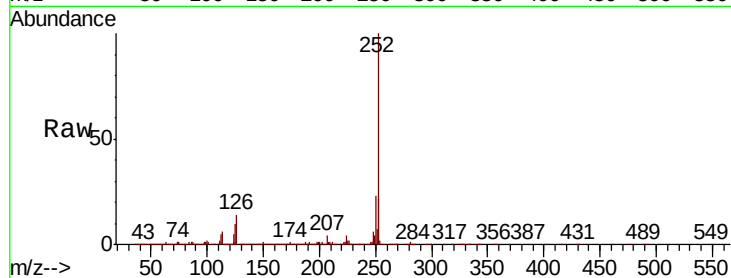
Tgt Ion:252 Resp: 5862868

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

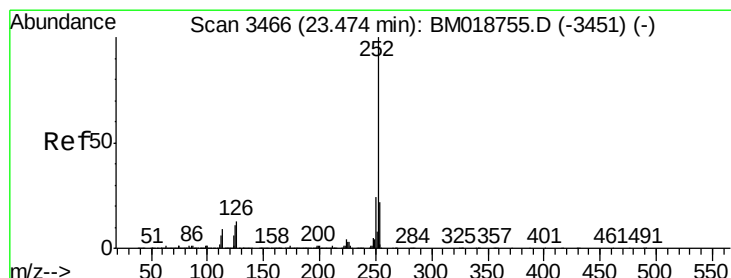
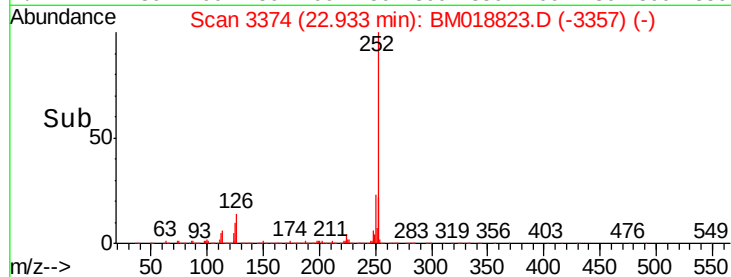
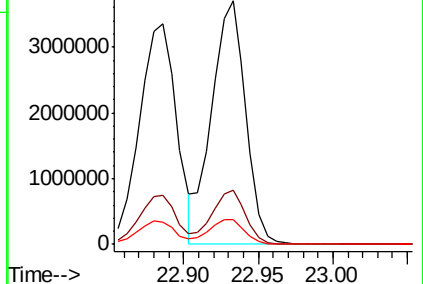
125 10.2 8.2 12.4



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

Benzo(a)pyrene

Concen: 70.203 ng

RT: 23.47 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

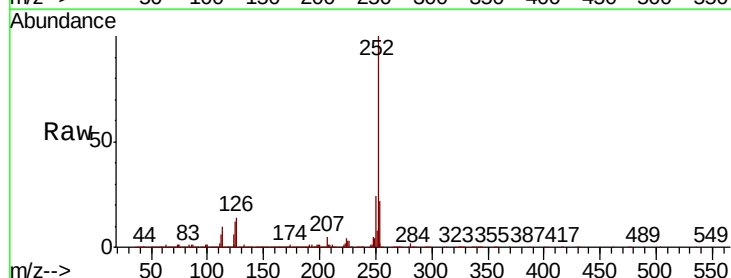
Tgt Ion:252 Resp: 5391793

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

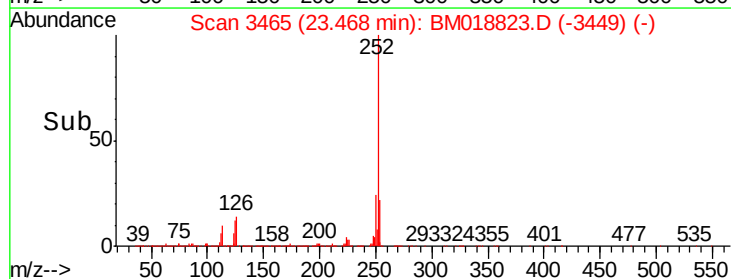
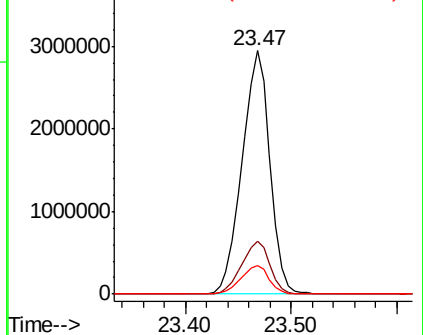
125 11.5 8.6 13.0

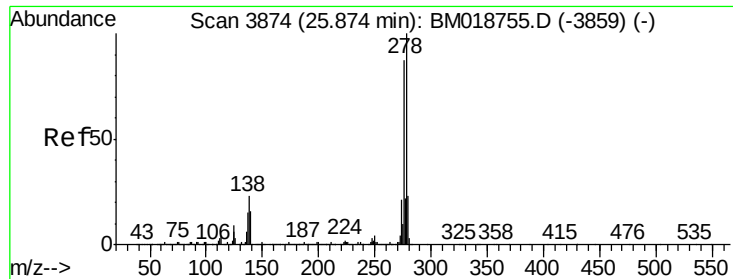


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 65.197 ng

RT: 25.87 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

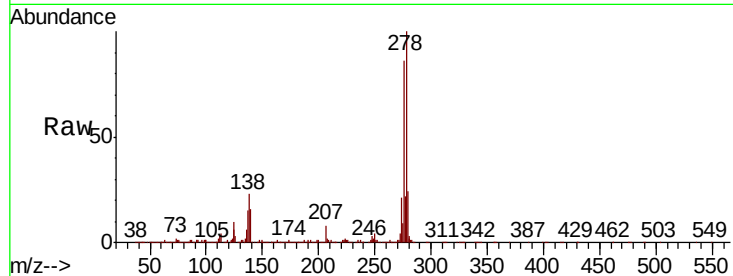
Tgt Ion:278 Resp: 4960935

Ion Ratio Lower Upper

278 100

139 16.4 12.6 18.8

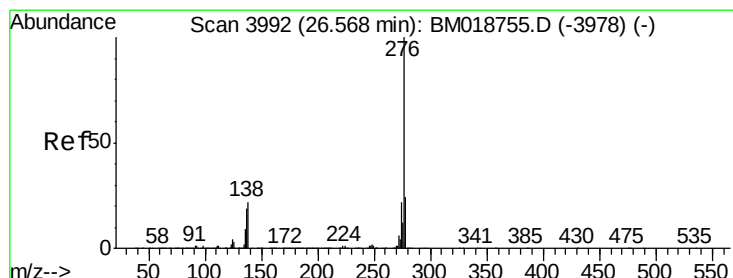
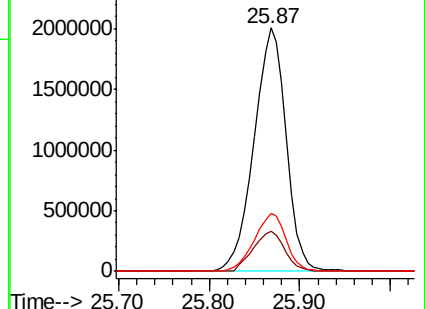
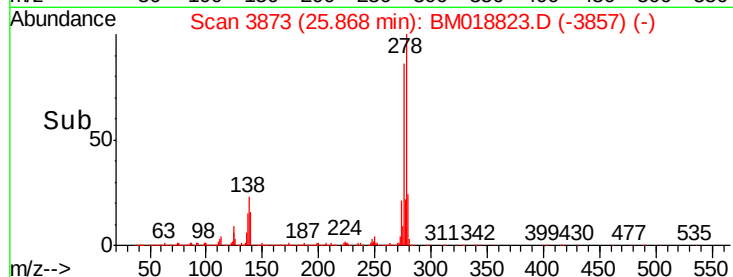
279 23.8 18.6 28.0



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



#92

Benzo(g,h,i)perylene

Concen: 65.162 ng

RT: 26.56 min Scan# 3991

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

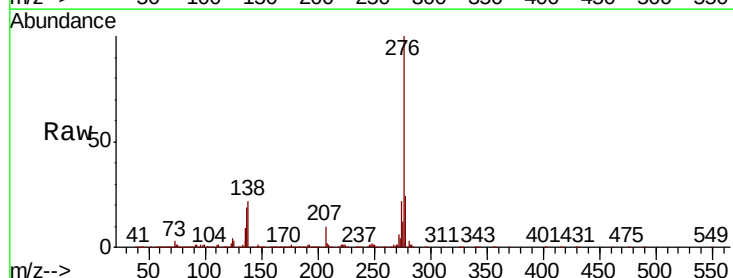
Tgt Ion:276 Resp: 4616041

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 21.8 17.3 25.9



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

