

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022719\
 Data File : BM018949.D
 Acq On : 27 Feb 2019 14:56
 Operator : JU/SJ
 Sample : PB117349BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

Quant Time: Feb 28 00:08:52 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	7.69	152	508107	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	2265805	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	1297192	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	2932169	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	3104686	20.00	ng	0.00
87) Perylene-d12	23.55	264	2360403	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	4222009	136.15	ng	-0.02
7) Phenol-d6	6.88	99	6742865	154.35	ng	0.00
23) Nitrobenzene-d5	8.87	82	3535500	72.15	ng	-0.02
42) 2,4,6-Tribromophenol	15.86	330	3109126	166.28	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	6986916	71.50	ng	-0.02
79) Terphenyl-d14	19.74	244	11751751	78.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	444369	32.900	ng	100
3) Pyridine	3.64	79	1357214	36.838	ng	99
4) n-Nitrosodimethylamine	3.56	42	482279	51.456	ng	90
6) Aniline	7.05	93	2417411	45.162	ng	99
8) 2-Chlorophenol	7.26	128	1513070	44.440	ng	98
9) Benzaldehyde	6.85	77	1001550	42.706	ng	100
10) Phenol	6.91	94	2099511	45.674	ng	99
11) bis(2-Chloroethyl)ether	7.14	93	1537352	43.843	ng	100
12) 1,3-Dichlorobenzene	7.58	146	1554935	40.615	ng	98
13) 1,4-Dichlorobenzene	7.73	146	1612448	41.371	ng	100
14) 1,2-Dichlorobenzene	8.04	146	1582238	42.263	ng	99
15) Benzyl Alcohol	7.95	79	1652887	47.616	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	1489702	43.895	ng	99
17) 2-Methylphenol	8.14	107	1360551	46.504	ng	98
18) Hexachloroethane	8.76	117	619514	43.543	ng	99
19) n-Nitroso-di-n-propylamine	8.51	70	1534452	45.364	ng	99
20) 3+4-Methylphenols	8.47	107	1878364	46.495	ng	100
22) Acetophenone	8.53	105	2546890	40.932	ng	# 99
24) Nitrobenzene	8.91	77	2146232	42.195	ng	98
25) Isophorone	9.43	82	3874807	49.557	ng	99
26) 2-Nitrophenol	9.61	139	927523	45.790	ng	98
27) 2,4-Dimethylphenol	9.67	122	1344457	45.443	ng	99
28) bis(2-Chloroethoxy)methane	9.91	93	2191151	43.337	ng	99
29) 2,4-Dichlorophenol	10.14	162	1512485	44.523	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	1636217	41.707	ng	97
31) Naphthalene	10.53	128	4936791	44.675	ng	100
32) Benzoic acid	9.89	122	1152798	44.669	ng	93
33) 4-Chloroaniline	10.66	127	2135824	43.237	ng	99
34) Hexachlorobutadiene	10.79	225	892553	39.196	ng	99
35) Caprolactam	11.51	113	216015	15.581	ng	91
36) 4-Chloro-3-methylphenol	11.79	107	1776468	43.373	ng	98
37) 2-Methylnaphthalene	12.15	142	3653861	46.963	ng	99
38) 1-Methylnaphthalene	12.37	142	3485538	45.814	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	1757064	42.343	ng	99

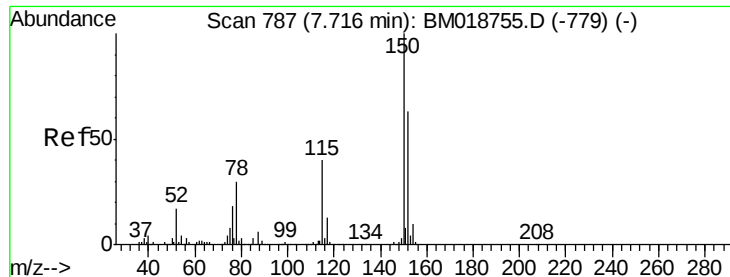
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022719\
 Data File : BM018949.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	1764538	83.171	ng	99
43) 2,4,6-Trichlorophenol	12.77	196	1218661	44.363	ng	99
44) 2,4,5-Trichlorophenol	12.85	196	1301533	45.204	ng	99
46) 1,1'-Biphenyl	13.17	154	4578733	41.006	ng	100
47) 2-Chloronaphthalene	13.22	162	3597089	41.708	ng	100
48) 2-Nitroaniline	13.45	65	1325592	46.279	ng	99
49) Acenaphthylene	14.07	152	5703746	44.415	ng	99
50) Dimethylphthalate	13.82	163	4522547	41.834	ng	99
51) 2,6-Dinitrotoluene	13.95	165	1030071	43.985	ng	96
52) Acenaphthene	14.42	154	3373868	42.846	ng	99
53) 3-Nitroaniline	14.29	138	1110609	41.972	ng	100
54) 2,4-Dinitrophenol	14.49	184	1315784	87.932	ng	97
55) Dibenzofuran	14.75	168	5449562	42.105	ng	99
56) 4-Nitrophenol	14.60	139	1875822	88.806	ng	98
57) 2,4-Dinitrotoluene	14.74	165	1482984	45.961	ng	96
58) Fluorene	15.40	166	4566210	46.116	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.98	232	1146328	45.042	ng	99
60) Diethylphthalate	15.19	149	4626310	41.485	ng	98
61) 4-Chlorophenyl-phenylether	15.40	204	2253320	40.589	ng	95
62) 4-Nitroaniline	15.46	138	1119720	43.164	ng	97
63) Azobenzene	15.69	77	5037026	42.126	ng	98
65) 4,6-Dinitro-2-methylphenol	15.50	198	827635	40.202	ng	96
66) n-Nitrosodiphenylamine	15.62	169	3903244	42.134	ng	100
67) 4-Bromophenyl-phenylether	16.29	248	1352903	41.221	ng	99
68) Hexachlorobenzene	16.40	284	1591037	41.706	ng	96
69) Atrazine	16.57	200	516288	17.287	ng	99
70) Pentachlorophenol	16.75	266	2012480	81.930	ng	99
71) Phenanthrene	17.14	178	6955781	44.141	ng	99
72) Anthracene	17.24	178	7118974	46.415	ng	99
73) Carbazole	17.52	167	6550904	40.881	ng	99
74) Di-n-butylphthalate	18.07	149	8064498	43.760	ng	100
75) Fluoranthene	19.17	202	8149295	44.770	ng	98
77) Benzidine	19.37	184	5492756	78.556	ng	100
78) Pyrene	19.53	202	8350859	46.312	ng	99
80) Butylbenzylphthalate	20.43	149	4047216	49.250	ng	99
81) Benzo(a)anthracene	21.29	228	8027554	44.356	ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	3270940	45.731	ng	98
83) Chrysene	21.34	228	7414473	42.743	ng	98
84) Bis(2-ethylhexyl)phthalate	21.20	149	5835804	48.520	ng	98
85) Di-n-octyl phthalate	22.09	149	9640706	47.691	ng	100
86) Indeno(1,2,3-cd)pyrene	25.85	276	7058040	35.242	ng	100
88) Benzo(b)fluoranthene	22.87	252	7126718	52.772	ng	99
89) Benzo(k)fluoranthene	22.92	252	6896485	51.295	ng	99
90) Benzo(a)pyrene	23.46	252	6520676	50.969	ng	99
91) Dibenzo(a,h)anthracene	25.86	278	6115007	48.245	ng	99
92) Benzo(g,h,i)perylene	26.55	276	5633884	47.745	ng	100

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

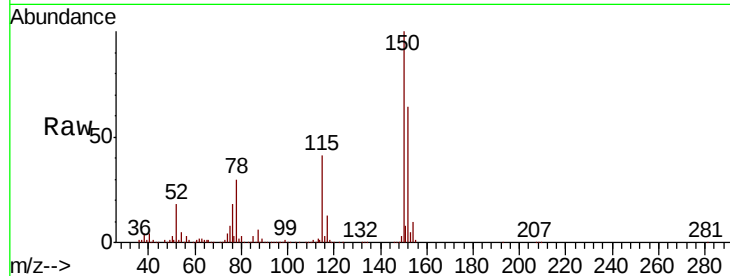


#1

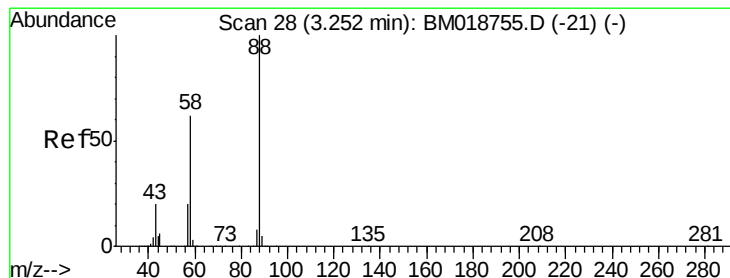
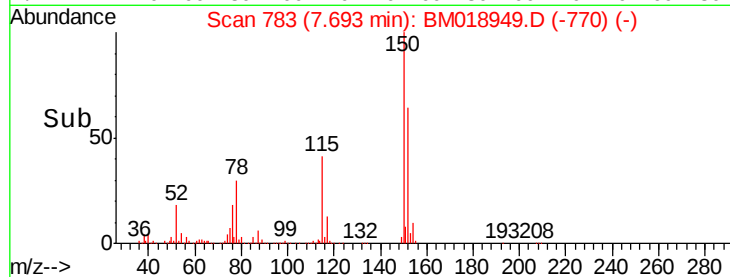
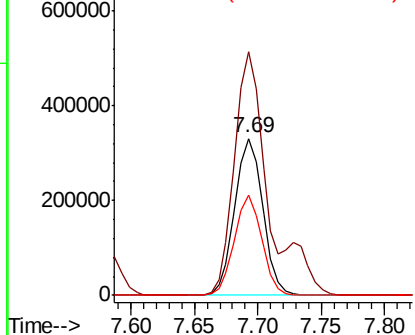
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tgt Ion:152 Resp: 508107
Ion Ratio Lower Upper
152 100
150 155.4 127.3 190.9
115 64.2 50.8 76.2



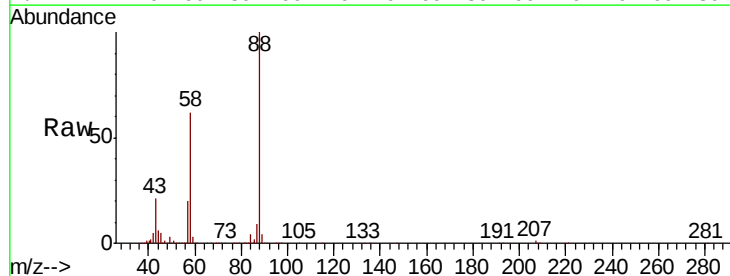
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



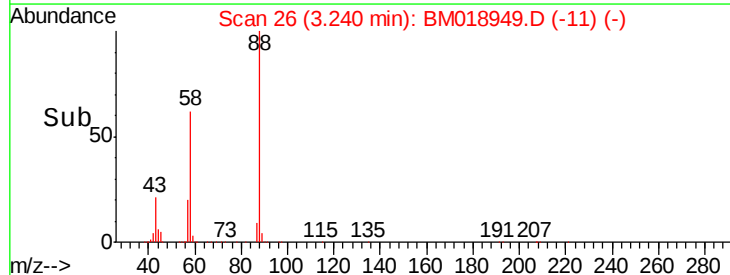
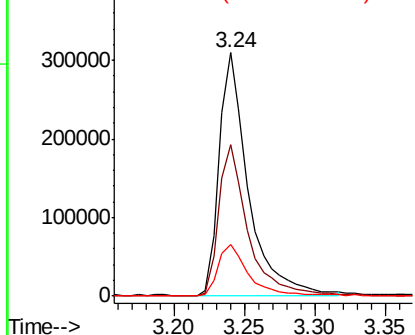
#2

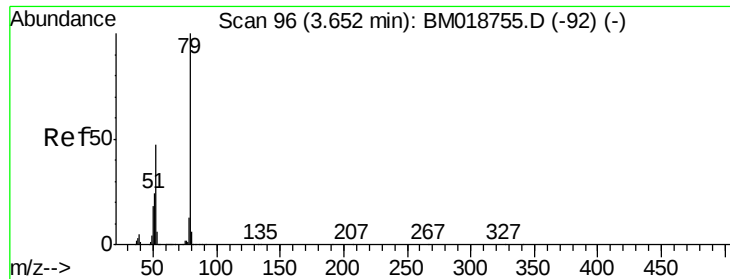
1,4-Dioxane
Concen: 32.900 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion: 88 Resp: 444369
Ion Ratio Lower Upper
88 100
58 62.4 49.8 74.6
43 21.4 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: 36.838 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

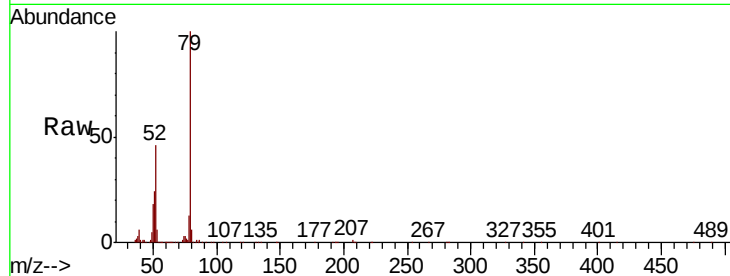
Tgt Ion: 79 Resp: 1357214

Ion Ratio Lower Upper

79 100

52 46.1 37.6 56.4

51 23.7 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) (-)

3.64

800000

600000

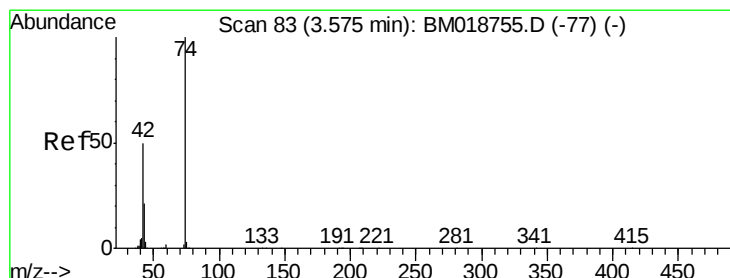
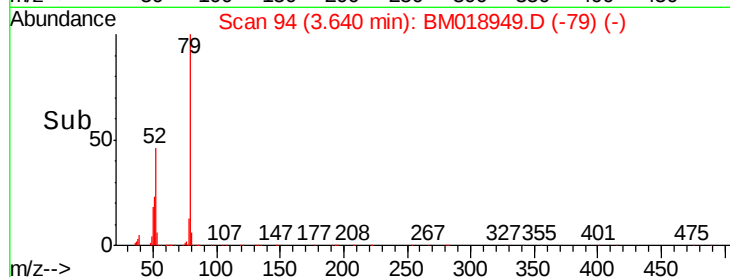
400000

200000

0

3.60 3.70 3.80

Time-->



#4

n-Nitrosodimethylamine

Concen: 51.456 ng

RT: 3.56 min Scan# 80

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

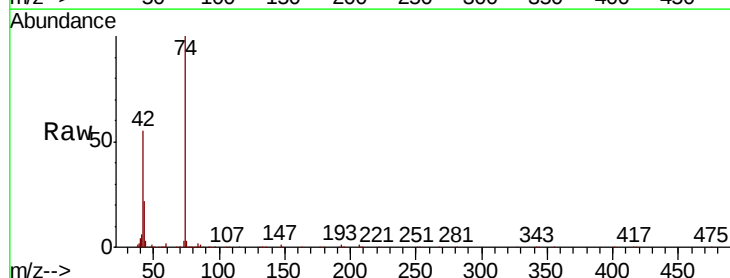
Tgt Ion: 42 Resp: 482279

Ion Ratio Lower Upper

42 100

74 182.9 158.1 237.1

44 5.4 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) (-)

3.56

600000

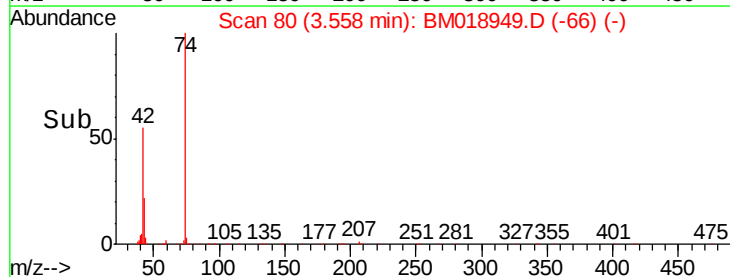
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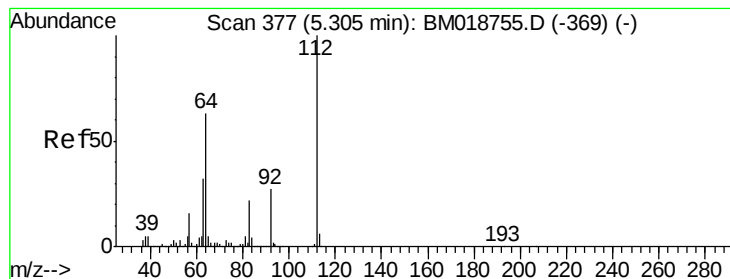
200000

0

3.50 3.60 3.70 3.80

Time-->





#5

2-Fluorophenol

Concen: 136.146 ng

RT: 5.29 min Scan# 374

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

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ClientSampleId :

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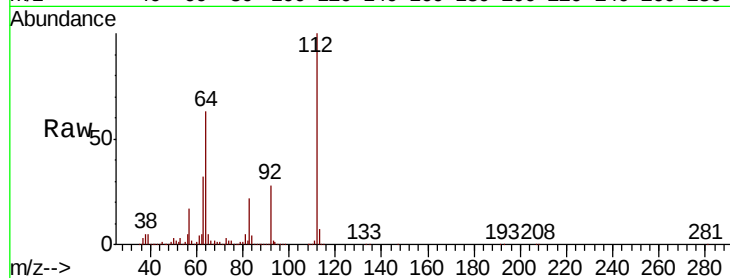
Tgt Ion:112 Resp: 4222009

Ion Ratio Lower Upper

112 100

64 63.2 50.6 75.8

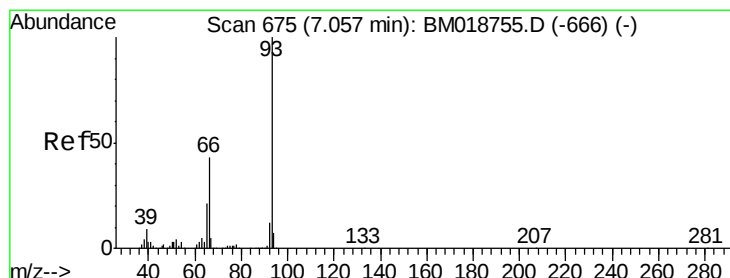
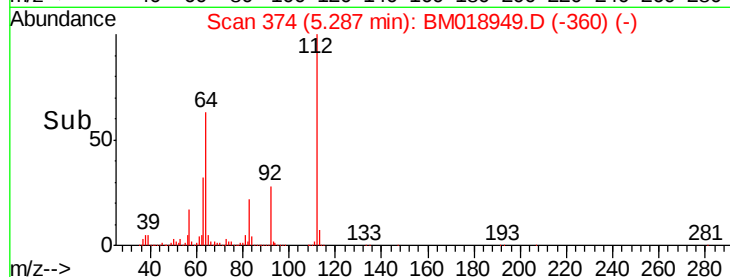
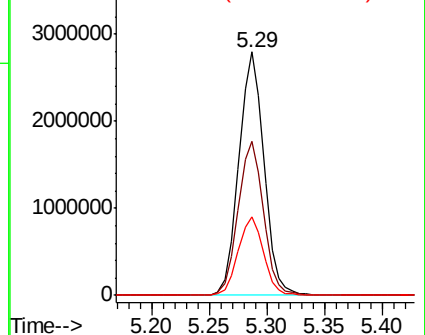
63 32.4 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 45.162 ng

RT: 7.05 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

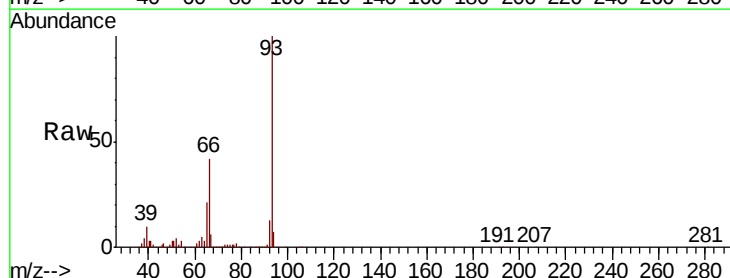
Tgt Ion: 93 Resp: 2417411

Ion Ratio Lower Upper

93 100

66 42.3 34.1 51.1

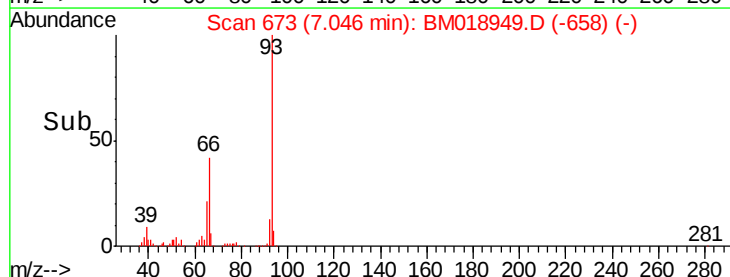
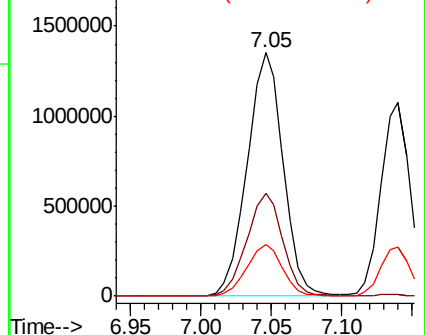
65 21.0 16.6 24.8

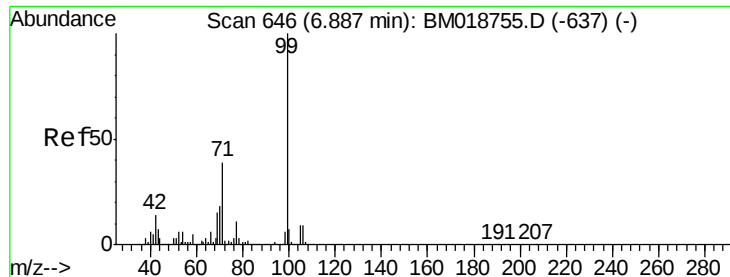


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 154.345 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

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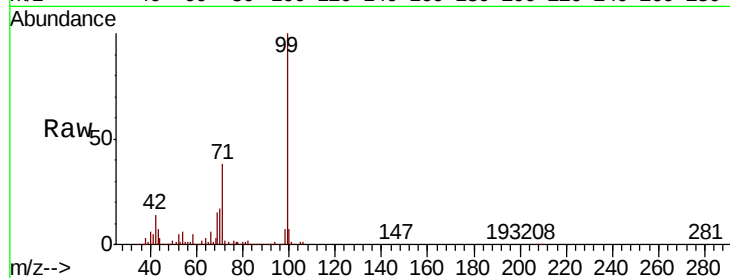
Tgt Ion: 99 Resp: 6742865

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.6

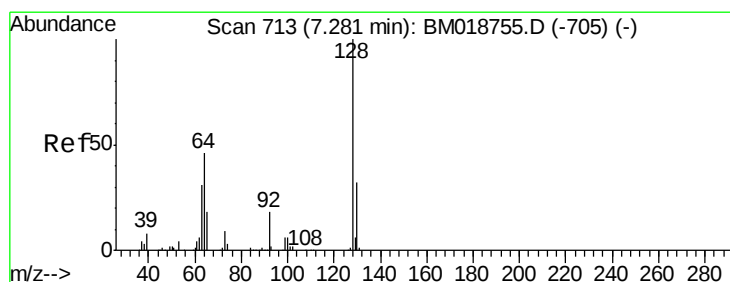
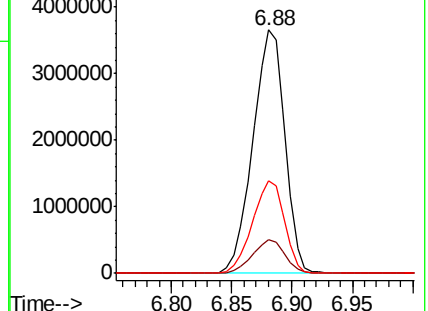
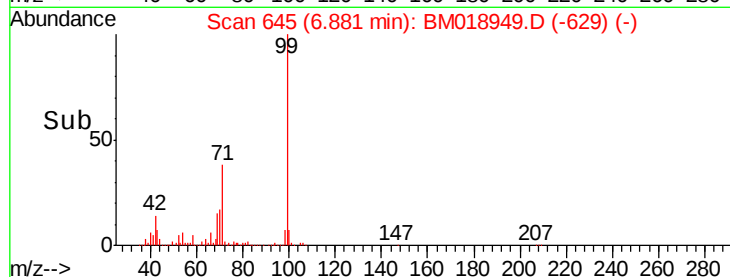
71 38.2 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018949.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018949.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018949.D (-629) (-)



#8

2-Chlorophenol

Concen: 44.440 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

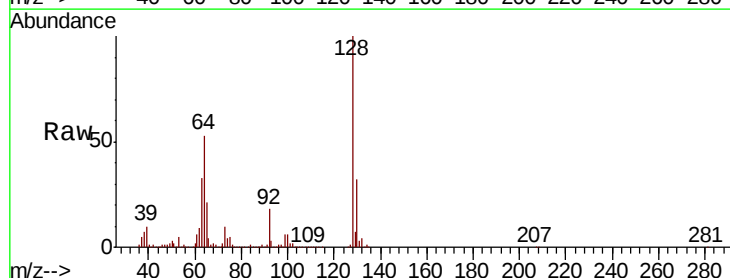
Tgt Ion: 128 Resp: 1513070

Ion Ratio Lower Upper

128 100

130 32.2 11.7 51.7

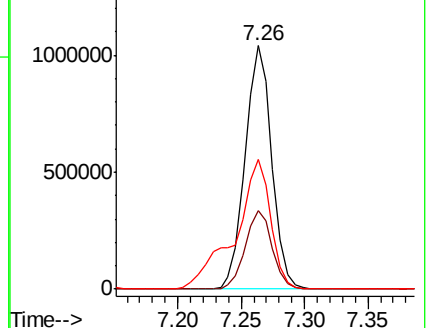
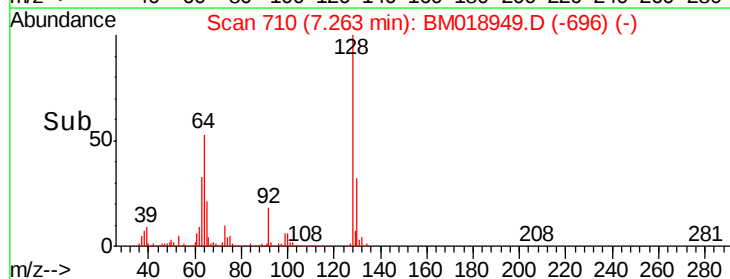
64 53.3 31.0 71.0

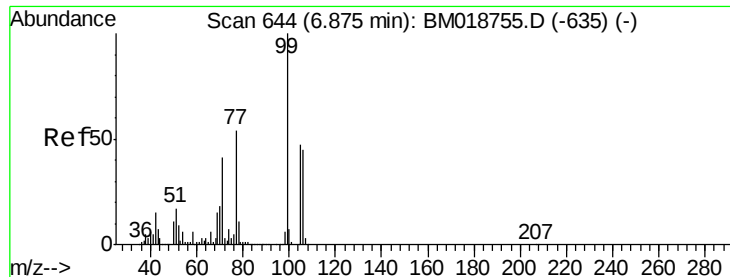


Abundance Ion 128.00 (127.70 to 128.70): BM018949.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018949.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018949.D (-696) (-)





#9

Benzaldehyde

Concen: 42.706 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

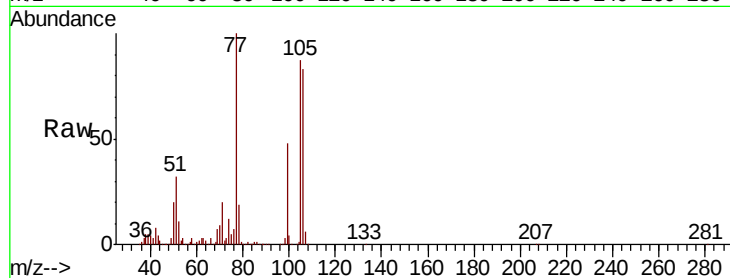
Tgt Ion: 77 Resp: 1001550

Ion Ratio Lower Upper

77 100

105 86.9 67.3 107.3

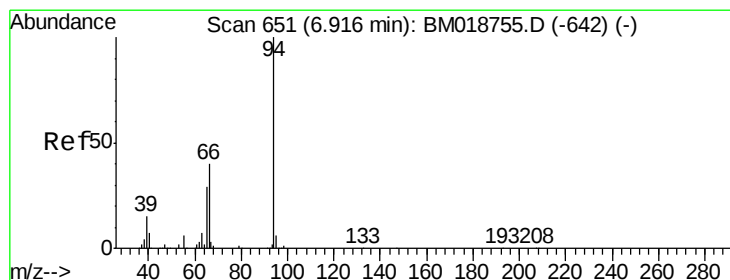
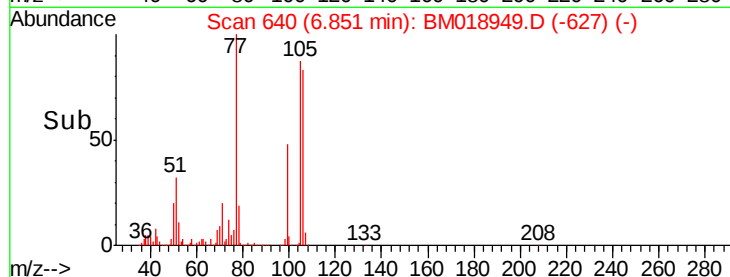
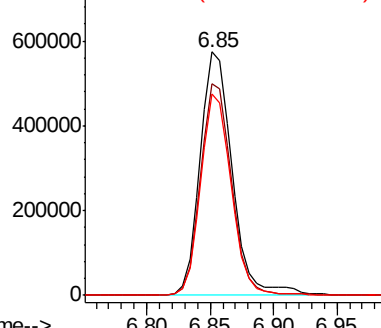
106 82.7 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM018755.D (-635) (-)



#10

Phenol

Concen: 45.674 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

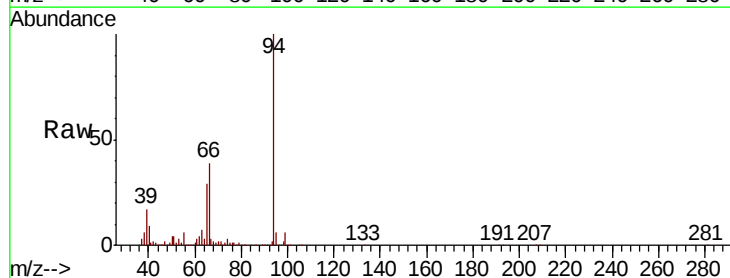
Tgt Ion: 94 Resp: 2099511

Ion Ratio Lower Upper

94 100

65 29.5 9.6 49.6

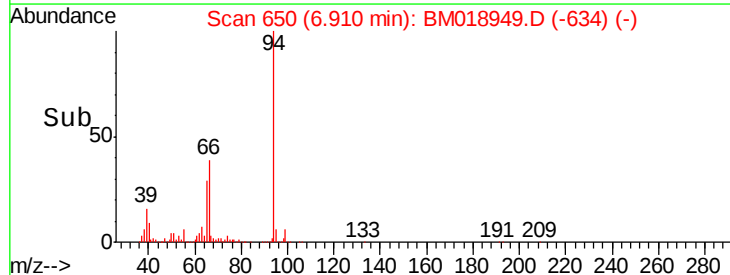
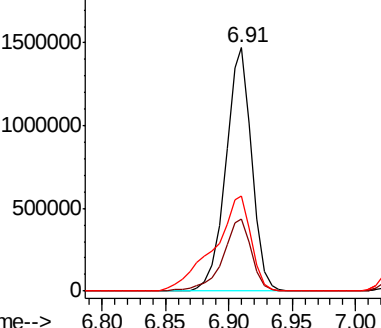
66 39.0 20.4 60.4

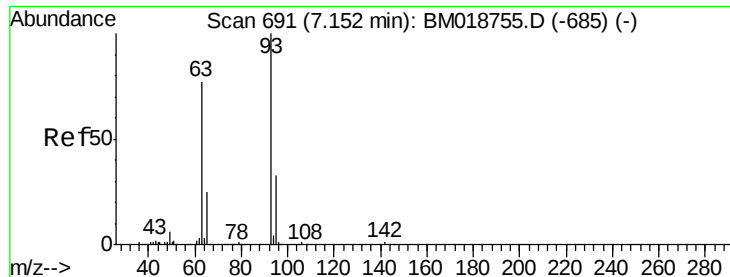


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

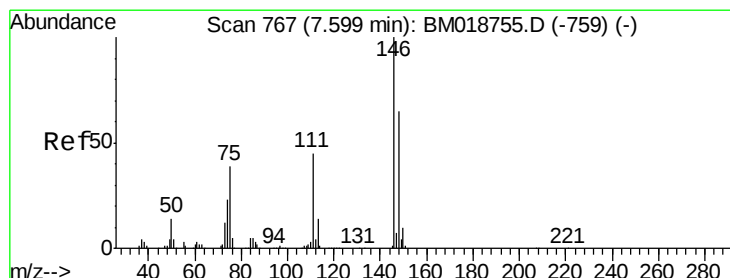
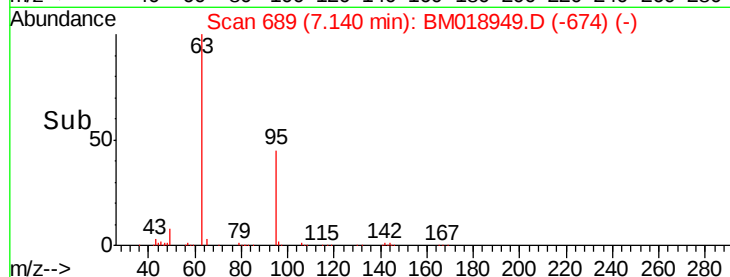
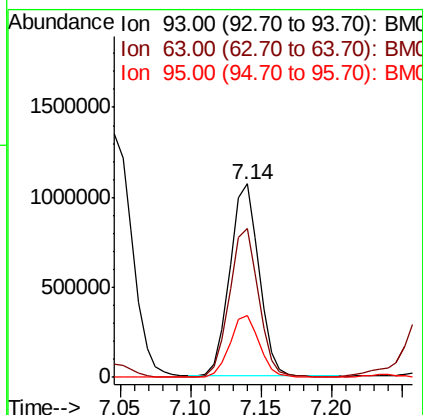
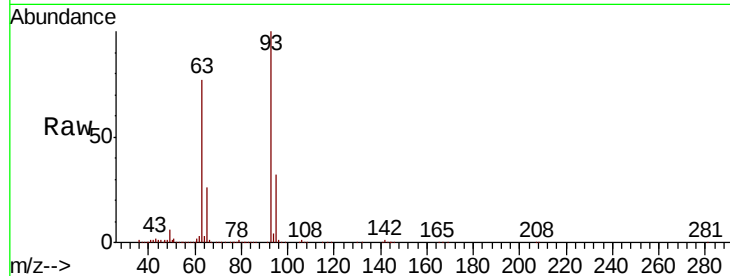




#11
bis(2-Chloroethyl)ether
Concen: 43.843 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

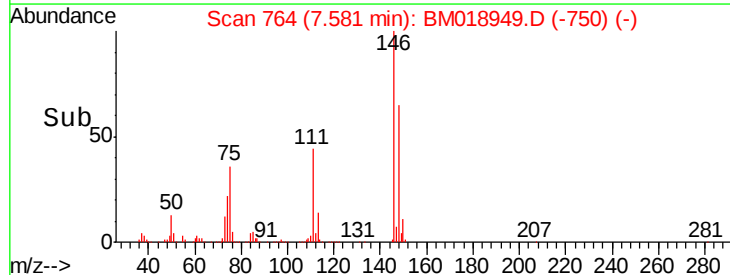
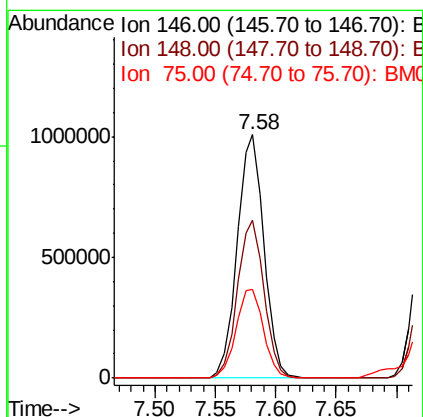
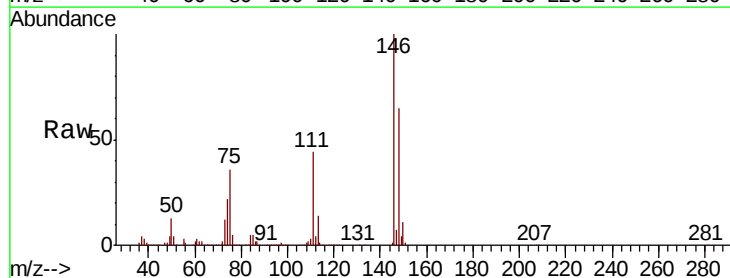
Instrument :
BNA_M
ClientSampleId :
PB117349BSD

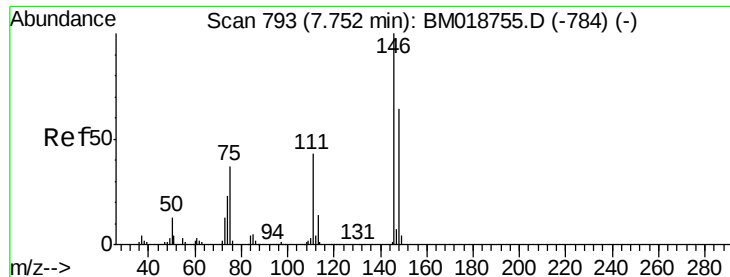
Tgt Ion: 93 Resp: 1537352
Ion Ratio Lower Upper
93 100
63 76.9 57.0 97.0
95 32.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.615 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion: 146 Resp: 1554935
Ion Ratio Lower Upper
146 100
148 65.0 51.7 77.5
75 36.5 31.3 46.9

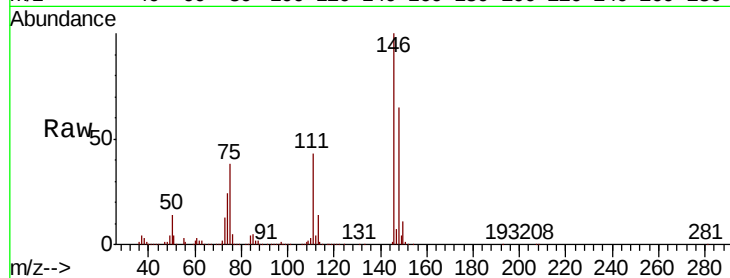




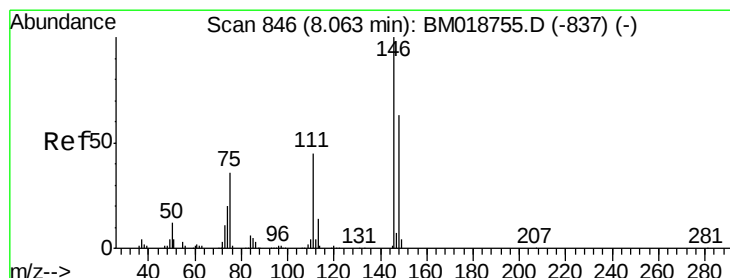
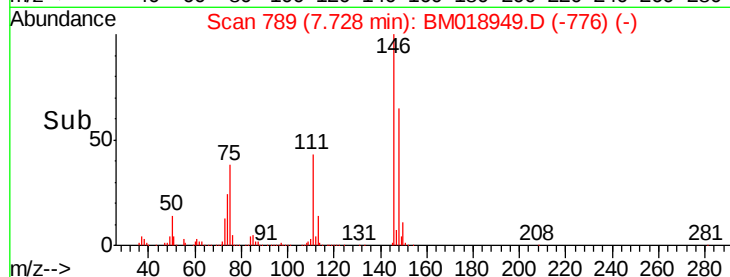
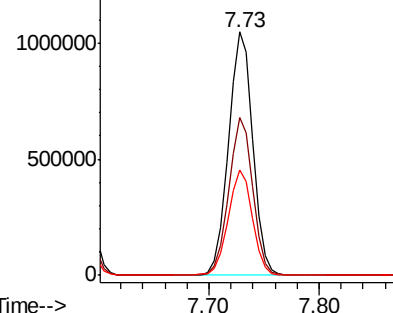
#13
 1,4-Dichlorobenzene
 Concen: 41.371 ng
 RT: 7.73 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

Tgt Ion:146 Resp: 1612448
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.2
 111 43.4 34.6 52.0

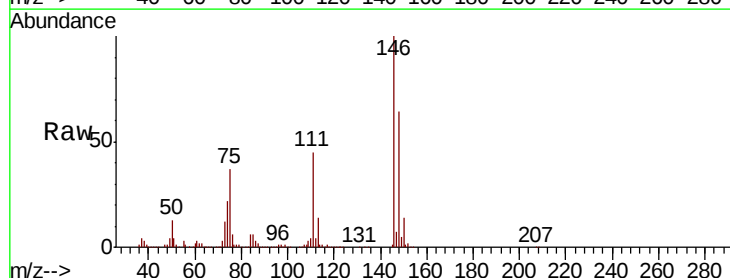


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

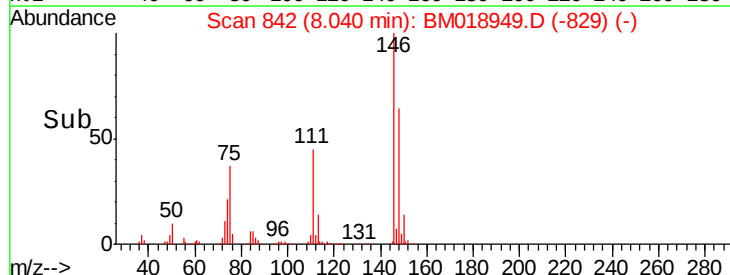
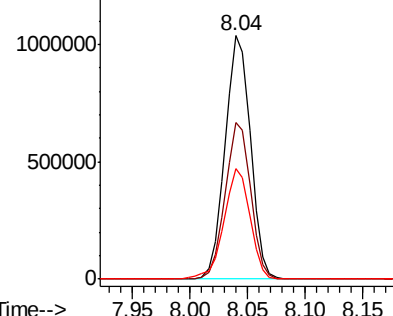


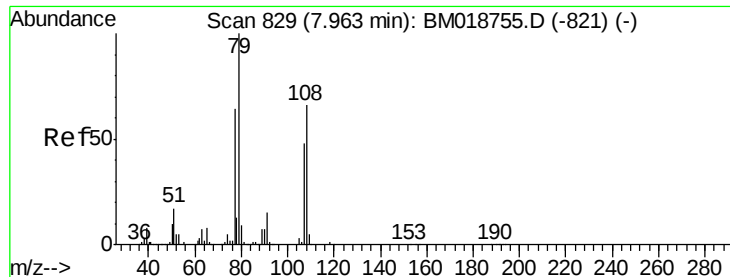
#14
 1,2-Dichlorobenzene
 Concen: 42.263 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.02 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Tgt Ion:146 Resp: 1582238
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.7 76.1
 111 45.4 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: 47.616 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

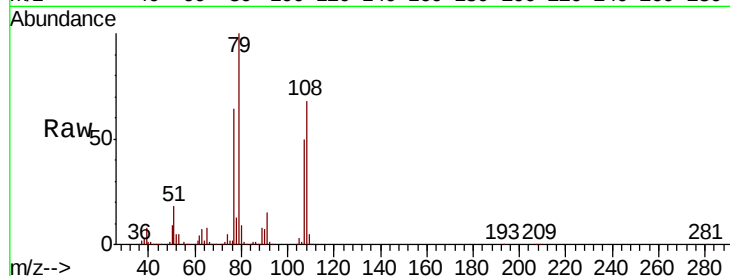
Tgt Ion: 79 Resp: 1652887

Ion Ratio Lower Upper

79 100

108 68.1 52.7 79.1

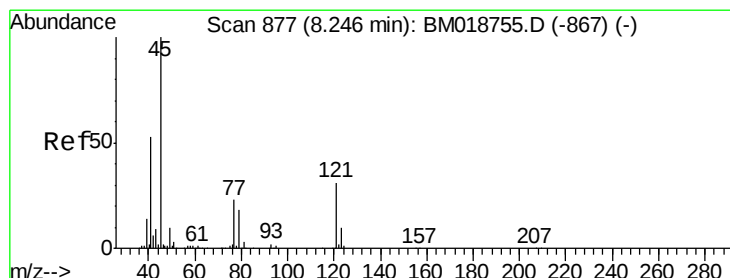
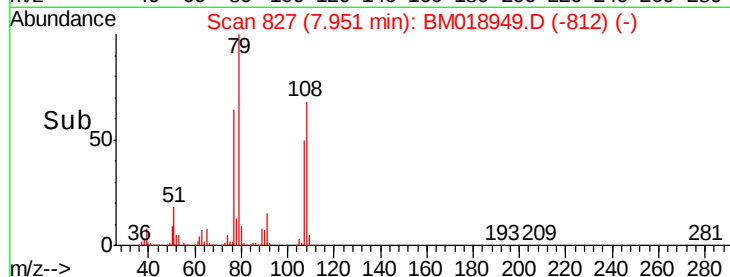
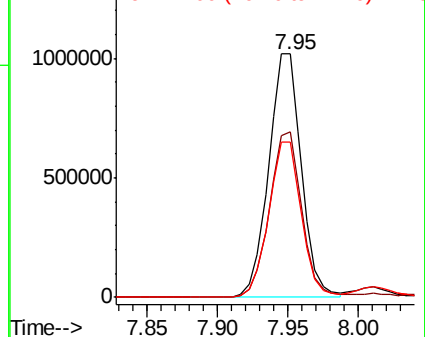
77 63.8 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-821) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.895 ng

RT: 8.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

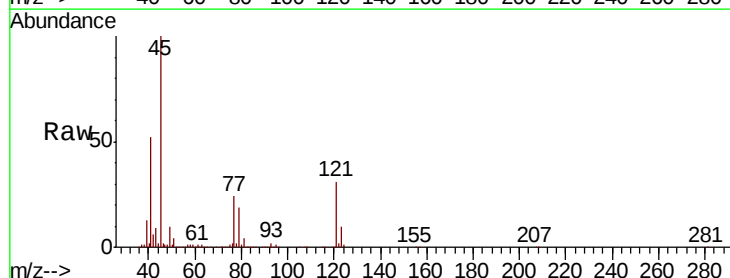
Tgt Ion: 45 Resp: 1489702

Ion Ratio Lower Upper

45 100

77 24.4 5.0 45.0

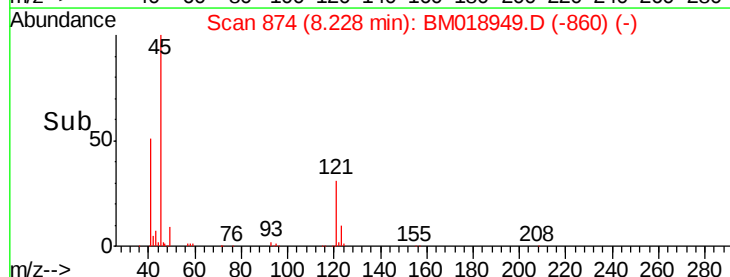
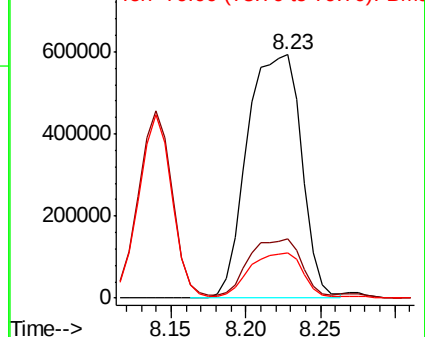
79 18.8 0.0 39.3

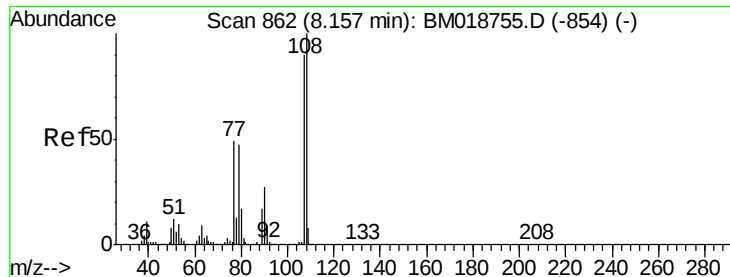


Abundance Ion 45.00 (44.70 to 45.70): BM018755.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-867) (-)

Ion 79.00 (78.70 to 79.70): BM018755.D (-867) (-)

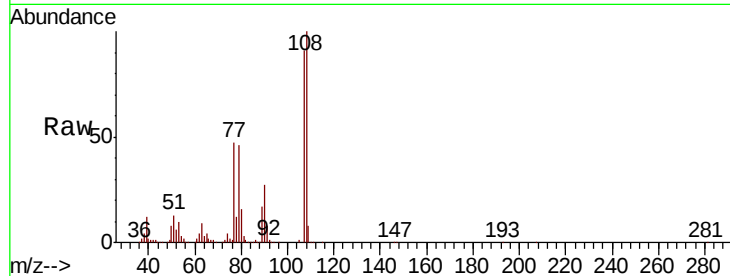




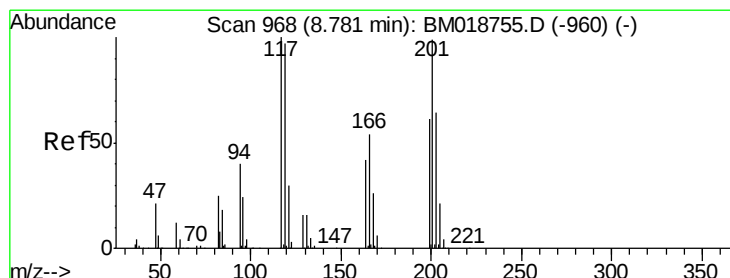
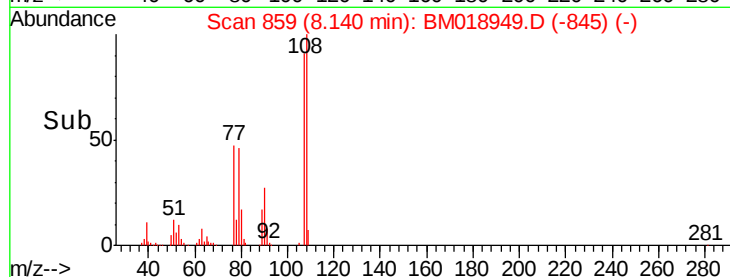
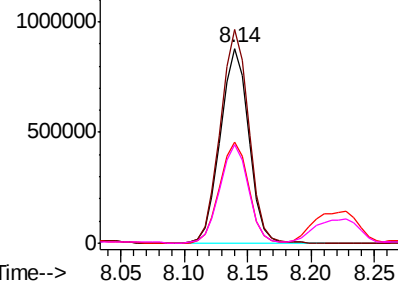
#17
2-Methylphenol
Concen: 46.504 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tgt Ion:107 Resp: 1360551
Ion Ratio Lower Upper
107 100
108 109.8 88.8 133.2
77 52.0 44.0 66.0
79 50.8 42.4 63.6

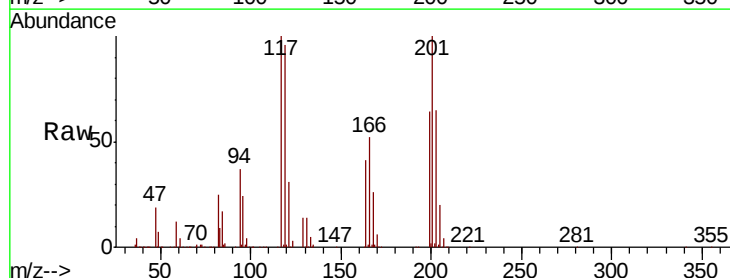


Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

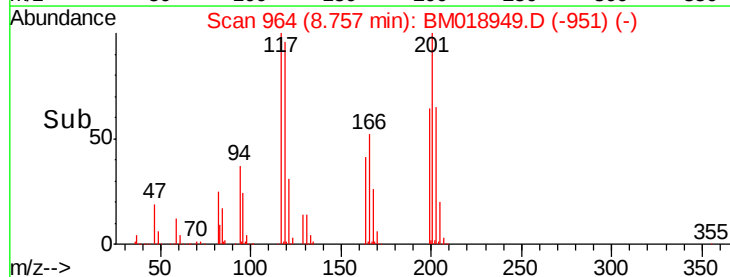
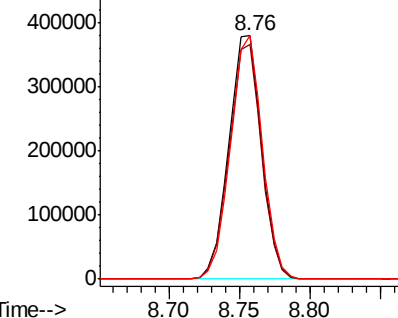


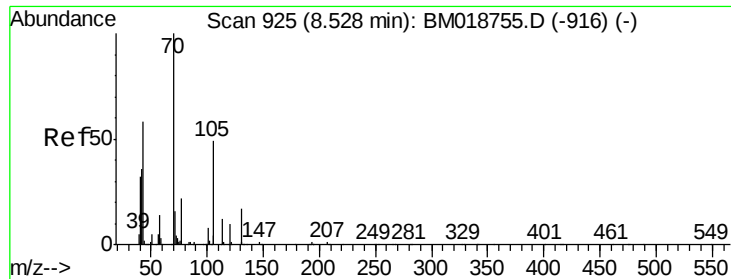
#18
Hexachloroethane
Concen: 43.543 ng
RT: 8.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion:117 Resp: 619514
Ion Ratio Lower Upper
117 100
119 96.2 77.9 116.9
201 99.8 79.2 118.8



Abundance Ion 117.00 (116.70 to 117.70): E
500000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

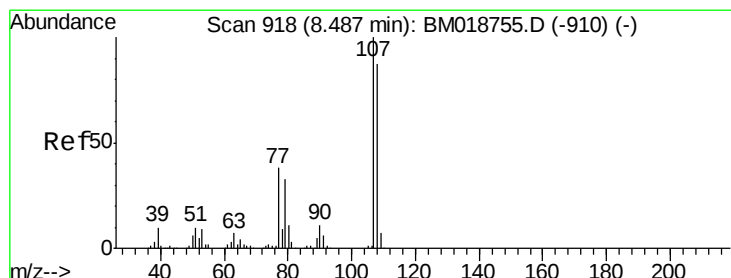
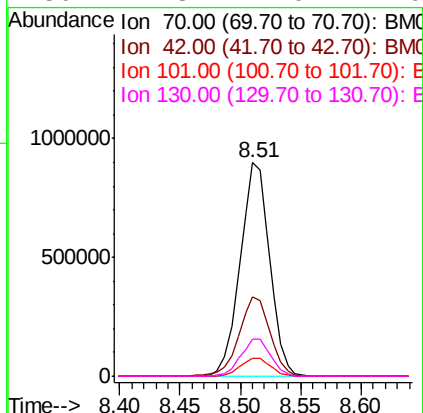
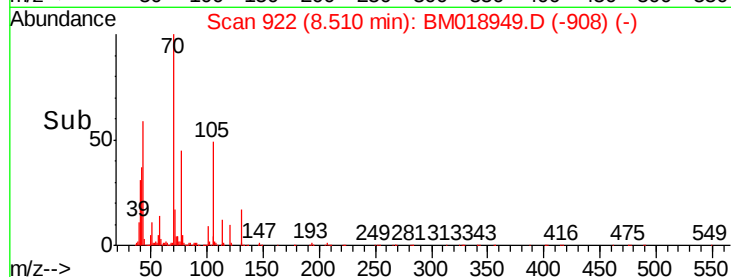
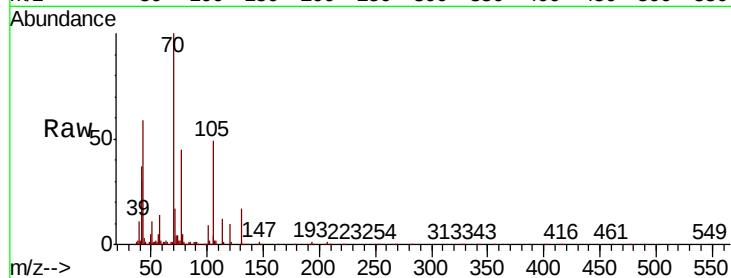




#19
n-Nitroso-di-n-propylamine
Concen: 45.364 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

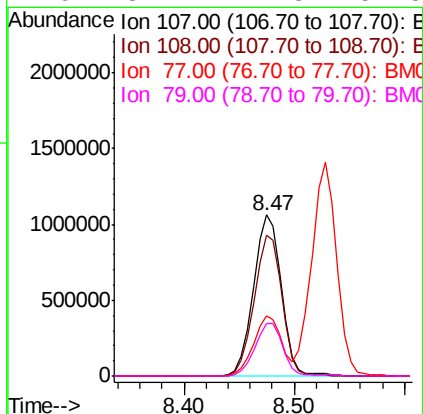
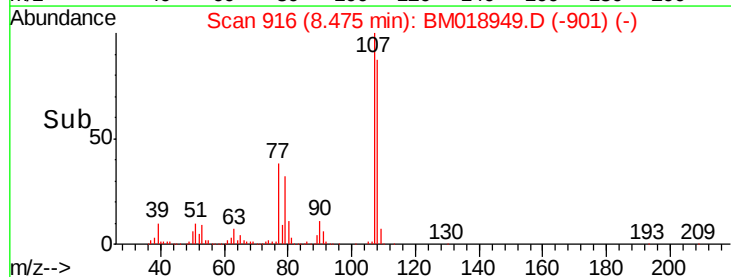
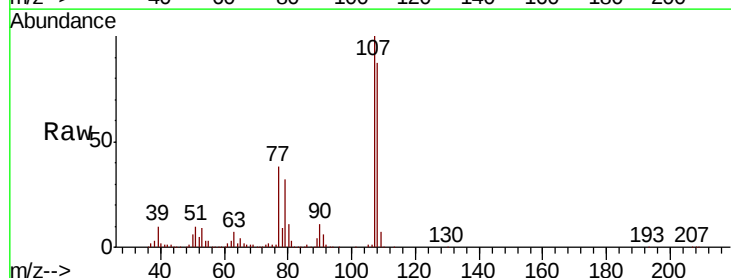
Instrument :
BNA_M
ClientSampleId :
PB117349BSD

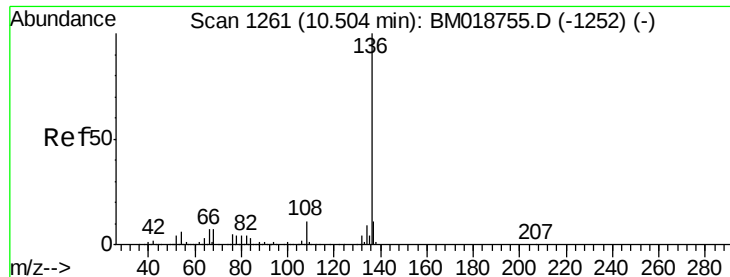
Tgt Ion: 70 Resp: 1534452
Ion Ratio Lower Upper
70 100
42 37.4 29.4 44.0
101 8.6 6.7 10.1
130 17.3 14.0 21.0



#20
3+4-Methylphenols
Concen: 46.495 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion: 107 Resp: 1878364
Ion Ratio Lower Upper
107 100
108 87.4 67.3 107.3
77 37.7 18.0 58.0
79 32.4 12.8 52.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tgt Ion:136 Resp: 2265805

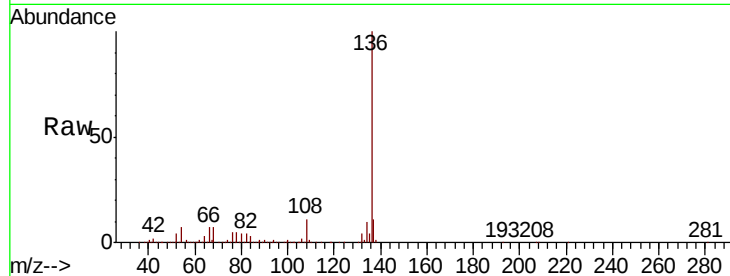
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.7 5.0 7.6

68 7.5 5.5 8.3

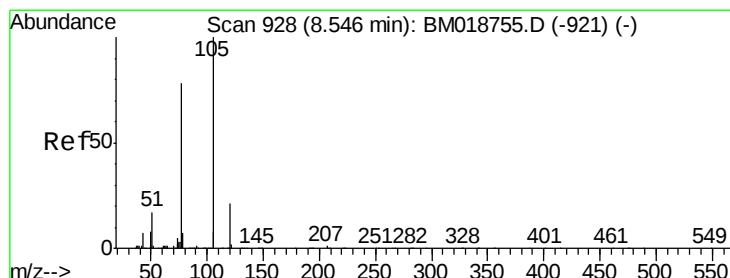
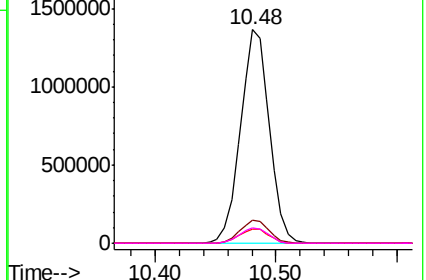
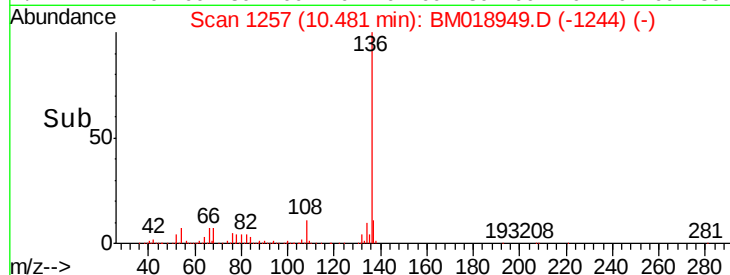


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 40.932 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Tgt Ion:105 Resp: 2546890

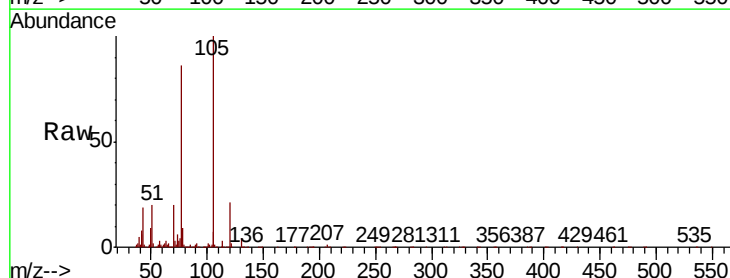
Ion Ratio Lower Upper

105 100

71 3.4 1.1 1.7#

51 19.7 15.5 23.3

120 20.9 17.0 25.4

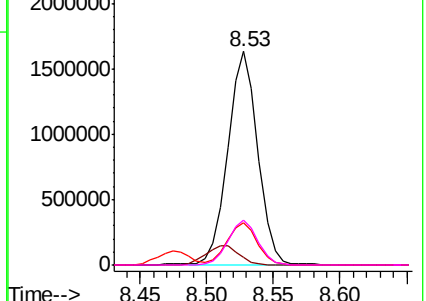
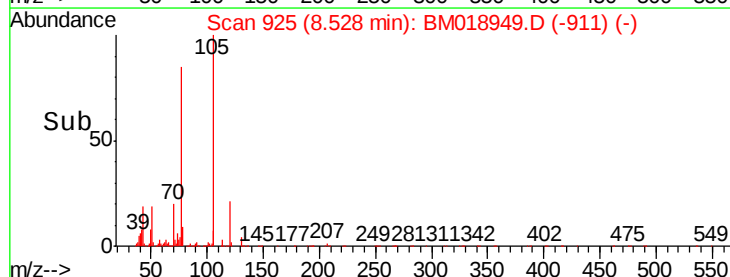


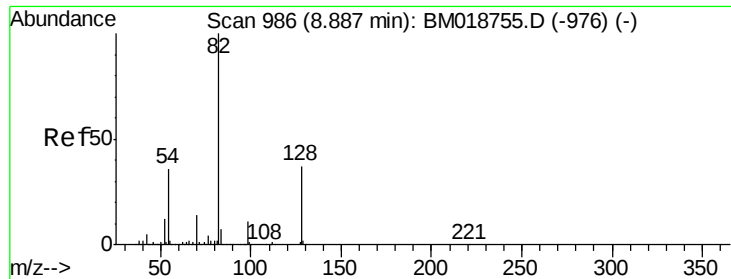
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

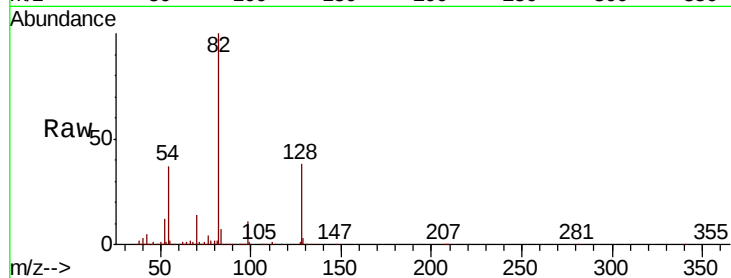




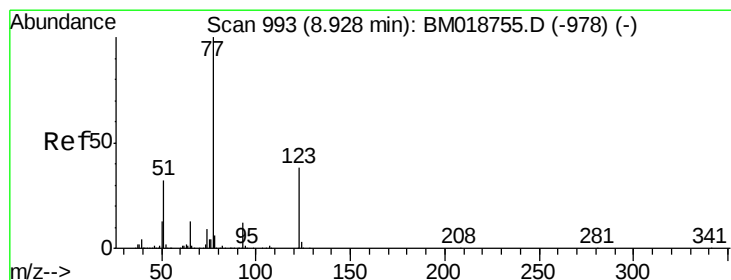
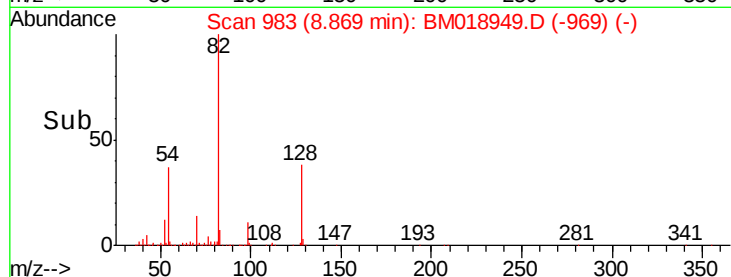
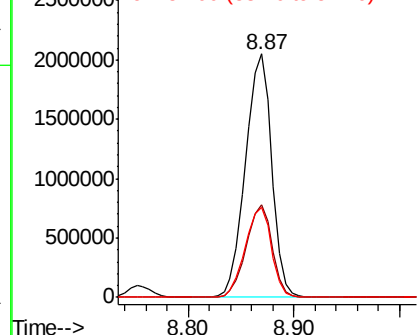
#23
 Nitrobenzene-d5
 Concen: 72.149 ng
 RT: 8.87 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

Tgt Ion: 82 Resp: 3535500
 Ion Ratio Lower Upper
 82 100
 128 37.9 29.9 44.9
 54 36.9 29.1 43.7

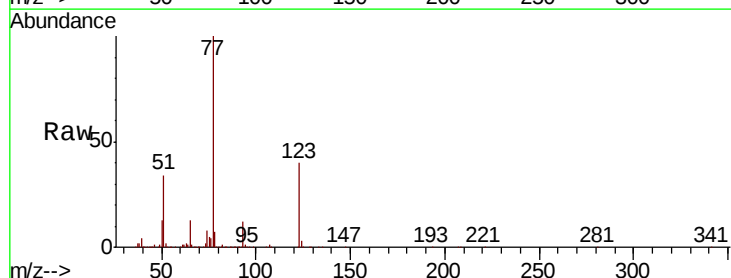


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
 Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
 Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

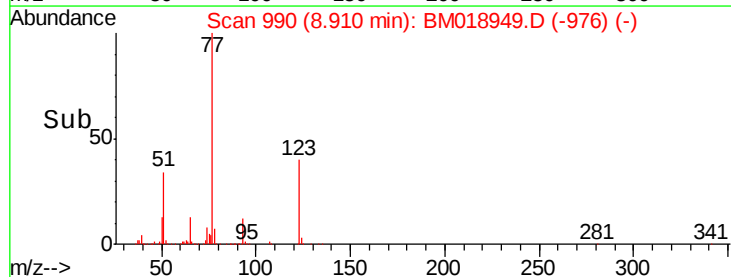
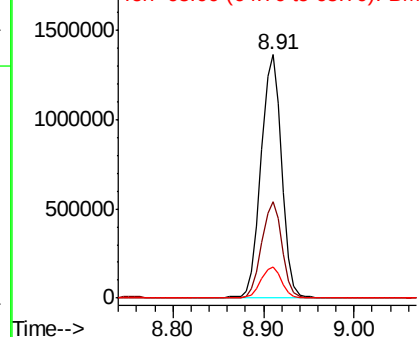


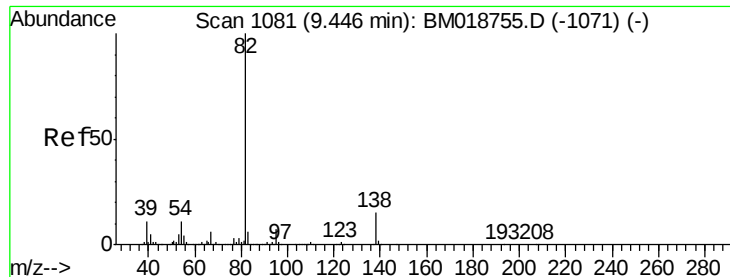
#24
 Nitrobenzene
 Concen: 42.195 ng
 RT: 8.91 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Tgt Ion: 77 Resp: 2146232
 Ion Ratio Lower Upper
 77 100
 123 39.8 30.7 46.1
 65 12.9 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) (-)





#25

Isophorone

Concen: 49.557 ng

RT: 9.43 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

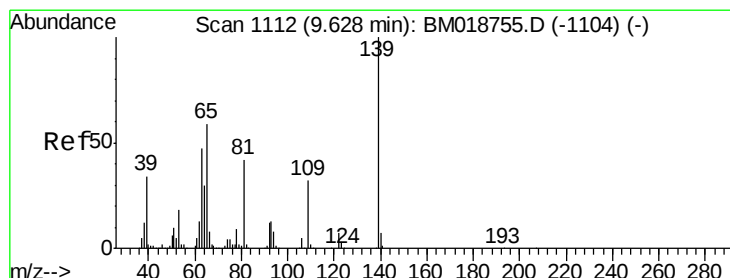
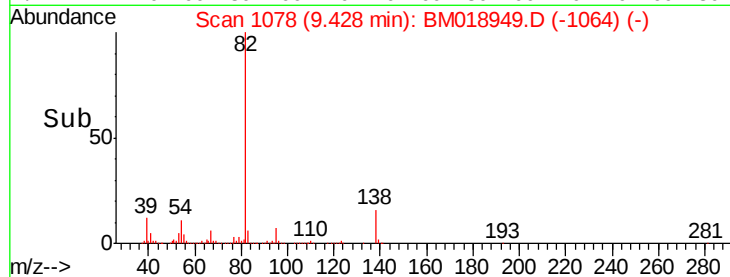
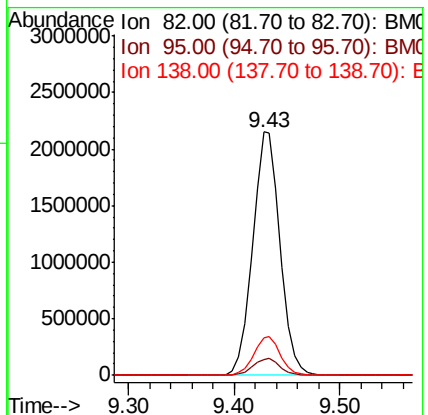
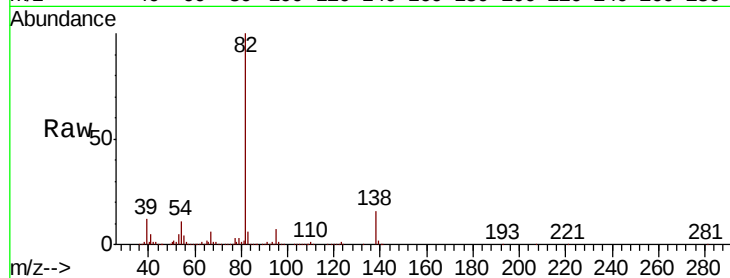
Tgt Ion: 82 Resp: 3874807

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

138 15.5 12.3 18.5



#26

2-Nitrophenol

Concen: 45.790 ng

RT: 9.61 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

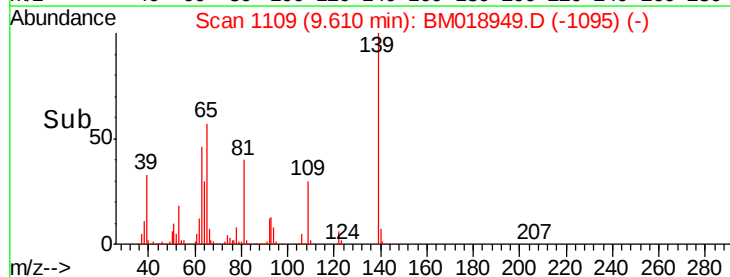
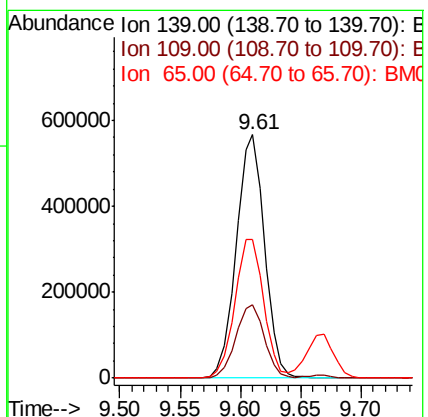
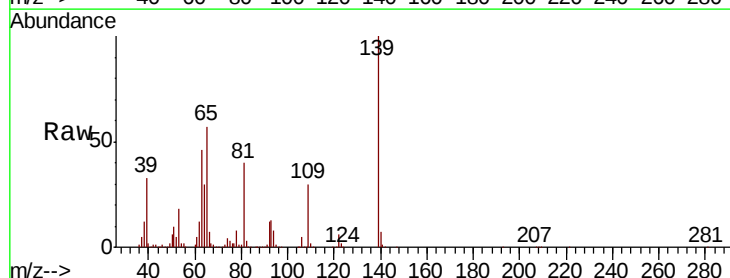
Tgt Ion: 139 Resp: 927523

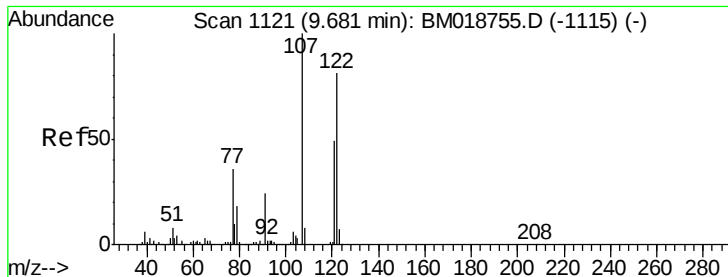
Ion Ratio Lower Upper

139 100

109 30.4 25.2 37.8

65 56.7 47.0 70.4

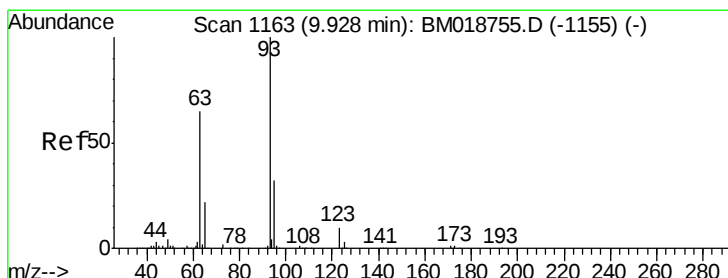
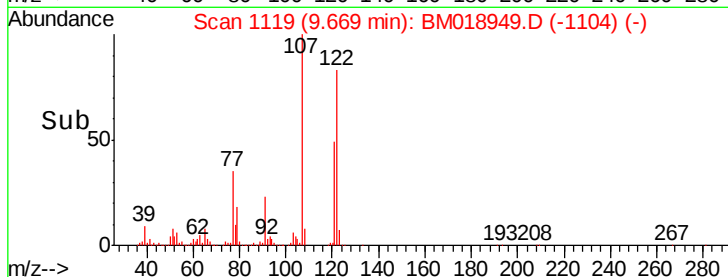
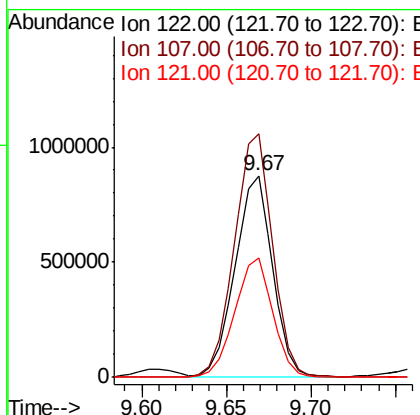
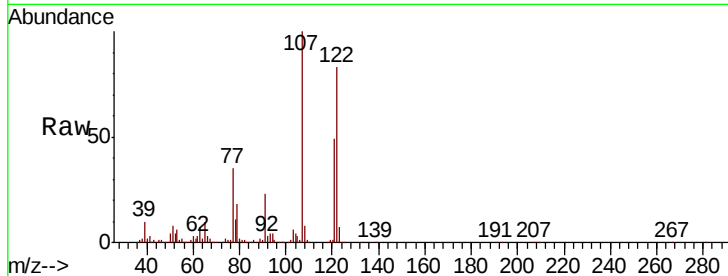




#27
 2,4-Dimethylphenol
 Concen: 45.443 ng
 RT: 9.67 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

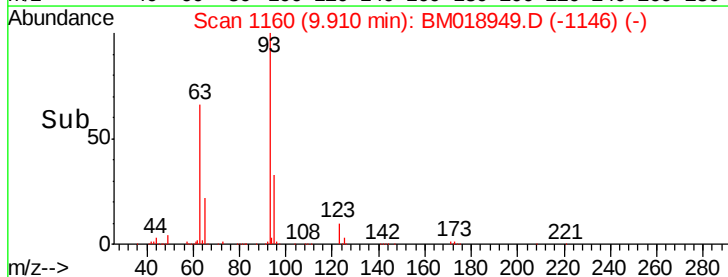
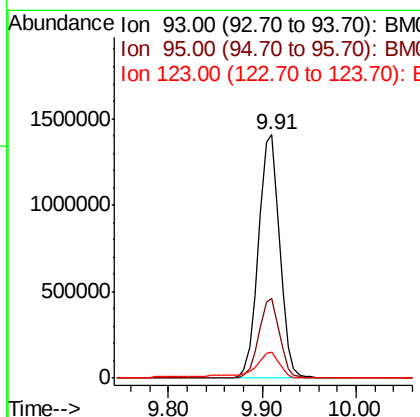
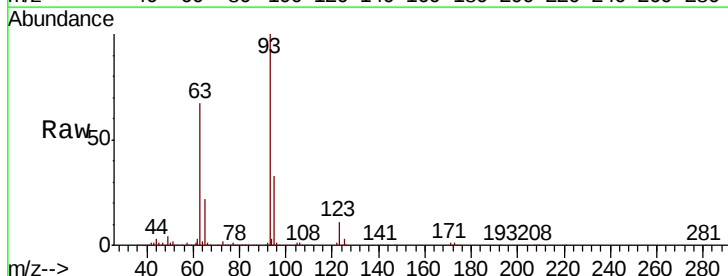
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

Tgt Ion:122 Resp: 1344457
 Ion Ratio Lower Upper
 122 100
 107 120.9 97.6 146.4
 121 59.0 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.337 ng
 RT: 9.91 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Tgt Ion: 93 Resp: 2191151
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.6 38.4
 123 10.6 8.2 12.4

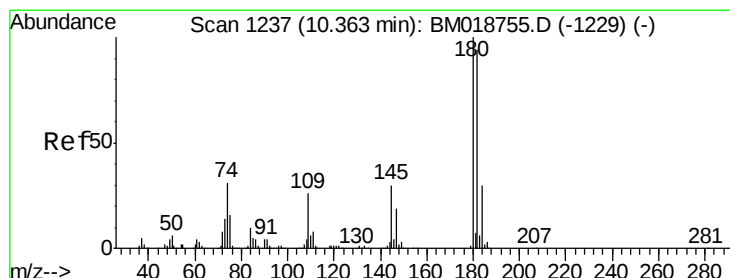
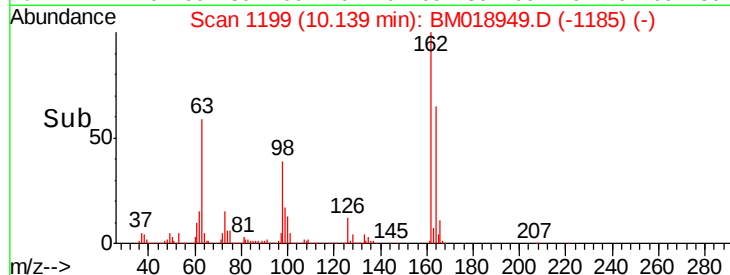
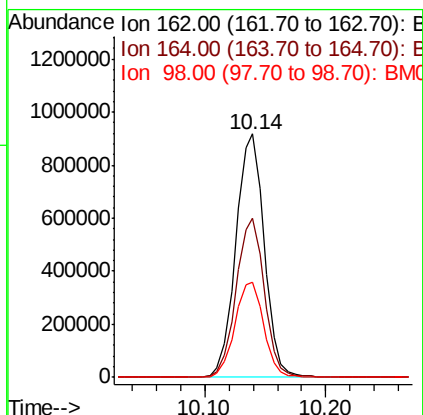
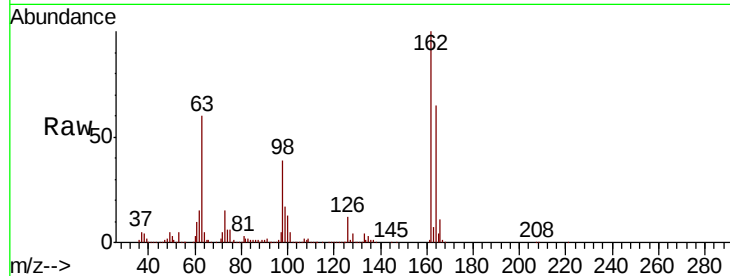




#29
 2,4-Dichlorophenol
 Concen: 44.523 ng
 RT: 10.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

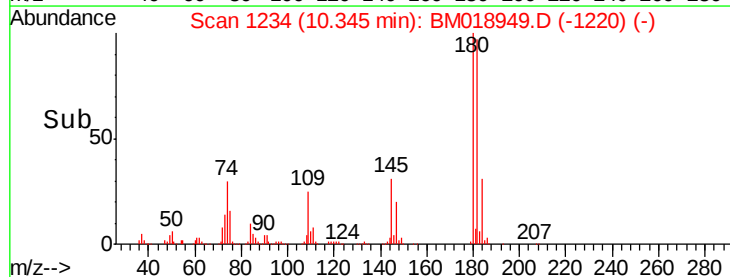
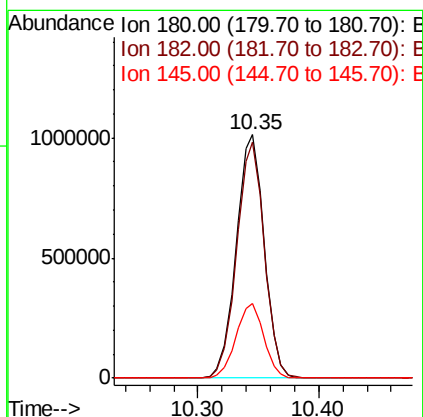
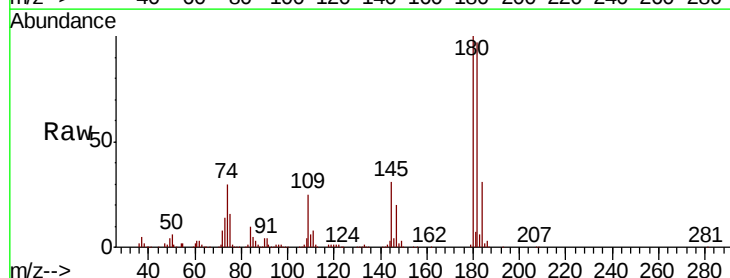
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

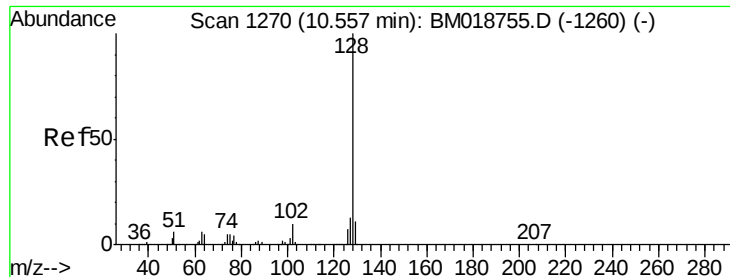
Tgt Ion:162 Resp: 1512485
 Ion Ratio Lower Upper
 162 100
 164 65.2 44.1 84.1
 98 39.1 19.4 59.4



#30
 1,2,4-Trichlorobenzene
 Concen: 41.707 ng
 RT: 10.35 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Tgt Ion:180 Resp: 1636217
 Ion Ratio Lower Upper
 180 100
 182 96.8 75.0 112.6
 145 30.6 24.1 36.1

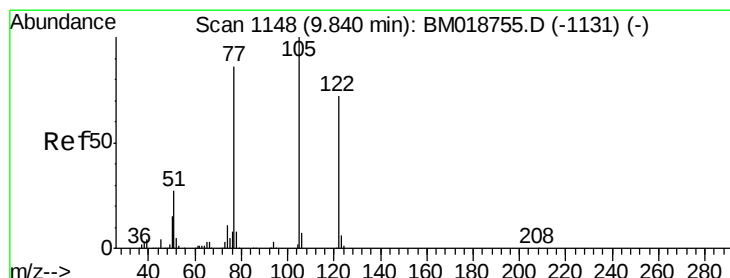
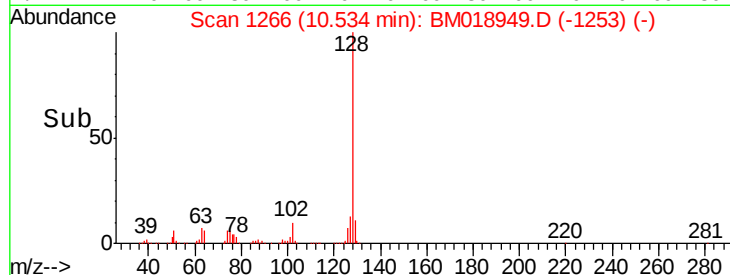
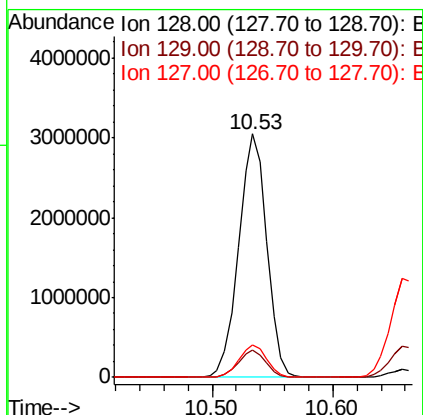
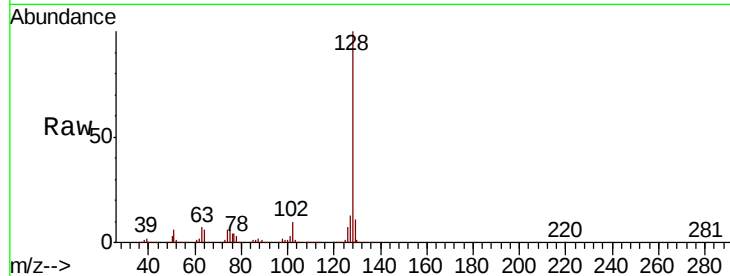




#31
Naphthalene
Concen: 44.675 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

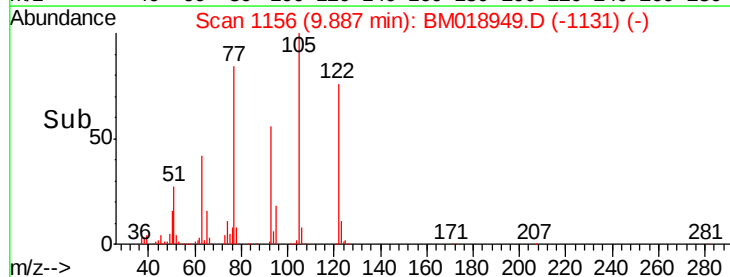
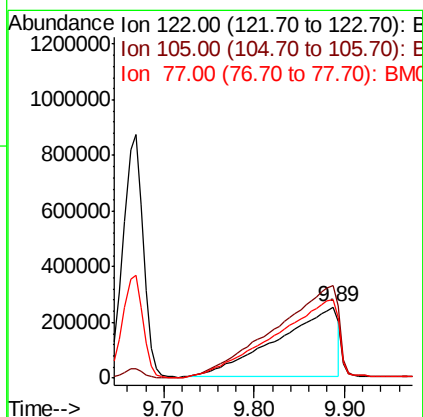
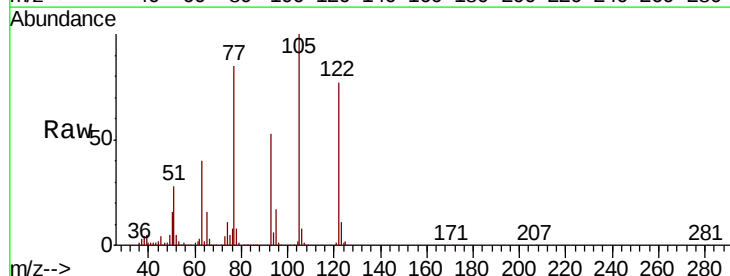
Instrument :
BNA_M
ClientSampleId :
PB117349BSD

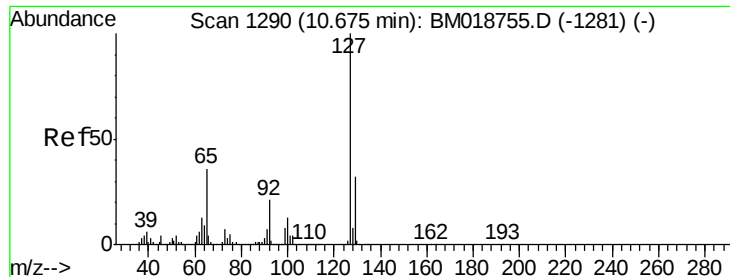
Tgt Ion:128 Resp: 4936791
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 44.669 ng
RT: 9.89 min Scan# 1156
Delta R.T. 0.05 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion:122 Resp: 1152798
Ion Ratio Lower Upper
122 100
105 130.1 117.5 157.5
77 110.1 98.5 138.5

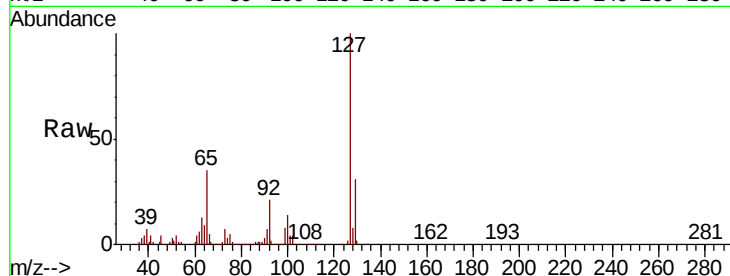




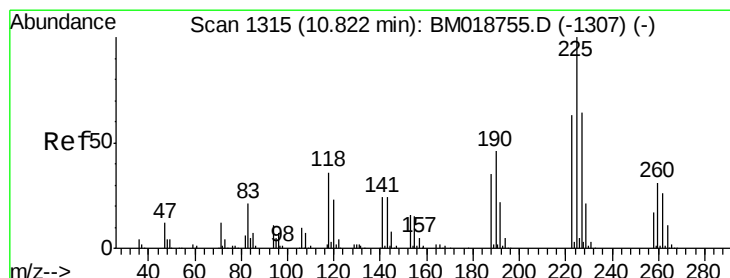
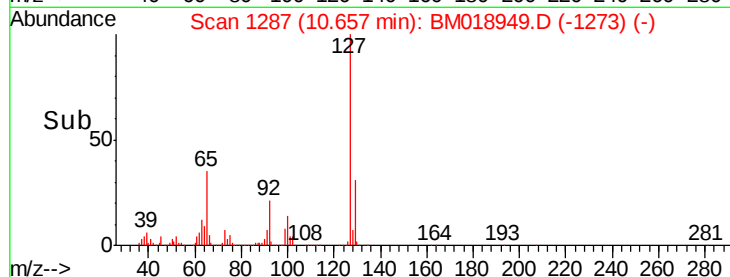
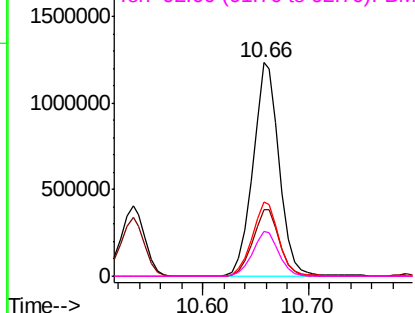
#33
4-Chloroaniline
Concen: 43.237 ng
RT: 10.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tgt Ion:127 Resp: 2135824
Ion Ratio Lower Upper
127 100
129 31.4 25.7 38.5
65 35.1 28.7 43.1
92 20.8 17.0 25.4

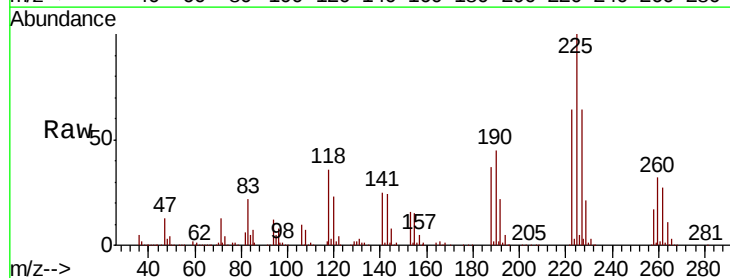


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

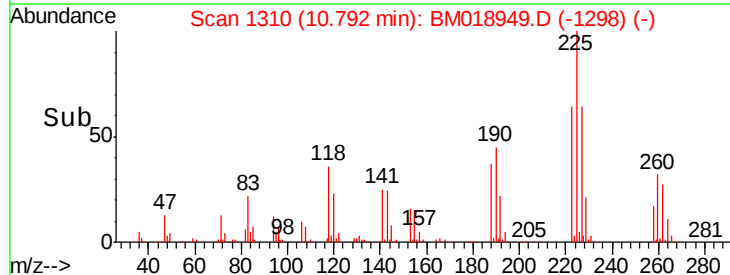
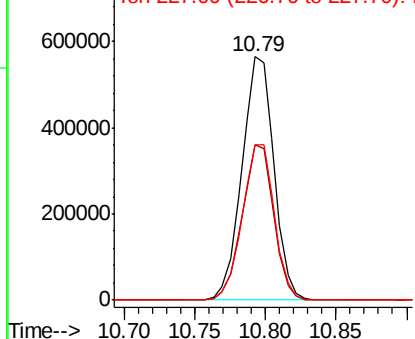


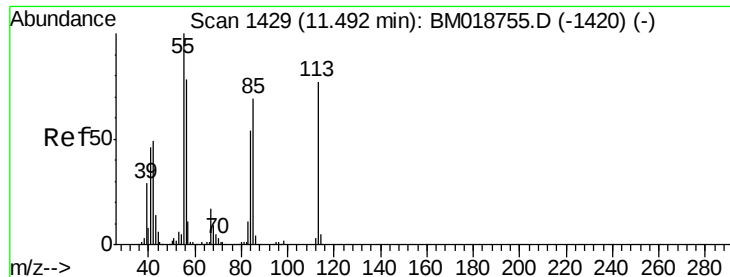
#34
Hexachlorobutadiene
Concen: 39.196 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion:225 Resp: 892553
Ion Ratio Lower Upper
225 100
223 64.0 50.1 75.1
227 64.0 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: 15.581 ng

RT: 11.51 min Scan# 1432

Delta R.T. 0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

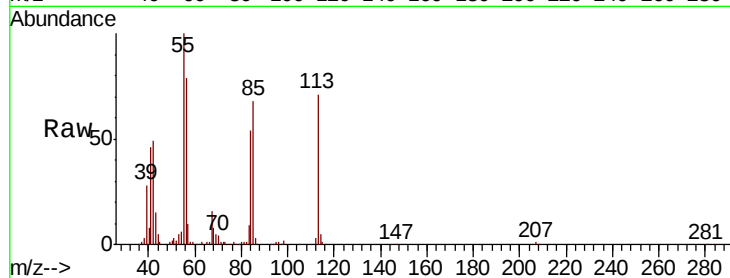
Tgt Ion:113 Resp: 216015

Ion Ratio Lower Upper

113 100

55 141.6 110.7 150.7

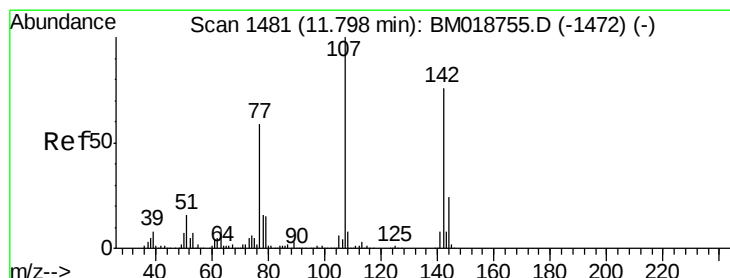
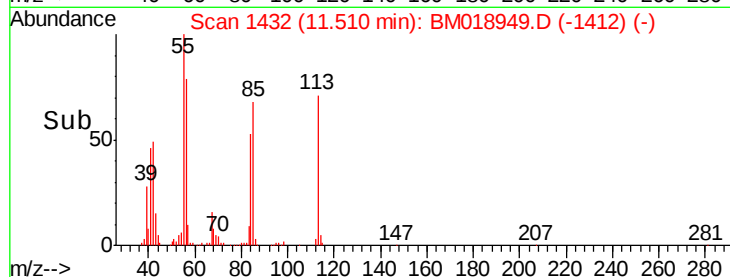
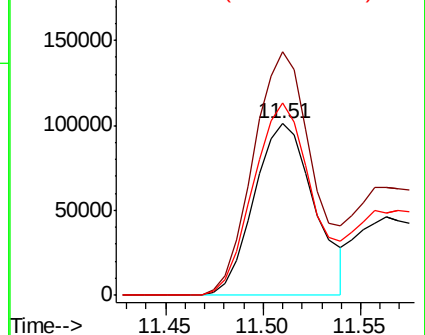
56 111.7 82.4 122.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 43.373 ng

RT: 11.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

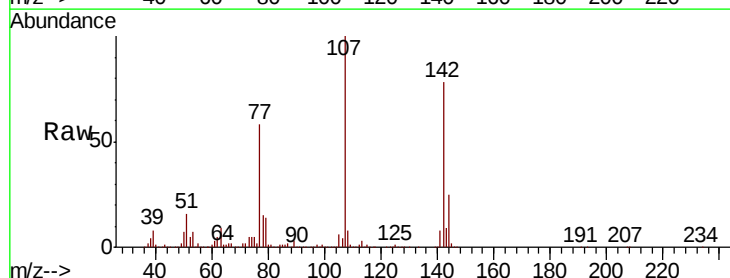
Tgt Ion:107 Resp: 1776468

Ion Ratio Lower Upper

107 100

144 25.1 19.3 28.9

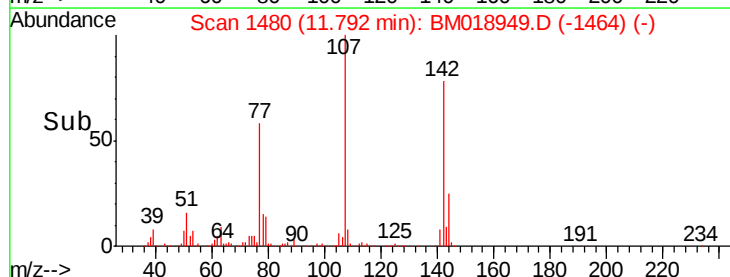
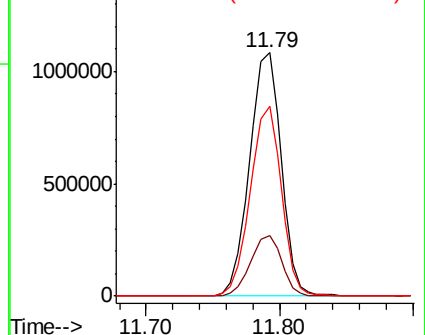
142 77.8 60.5 90.7

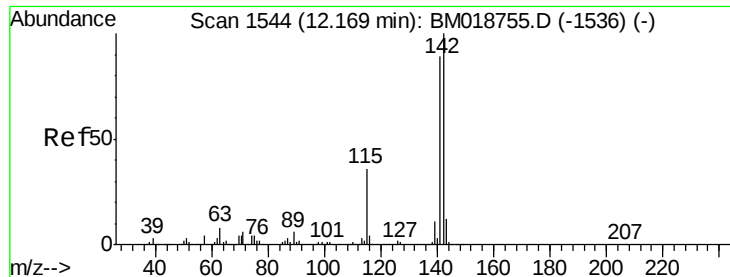


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

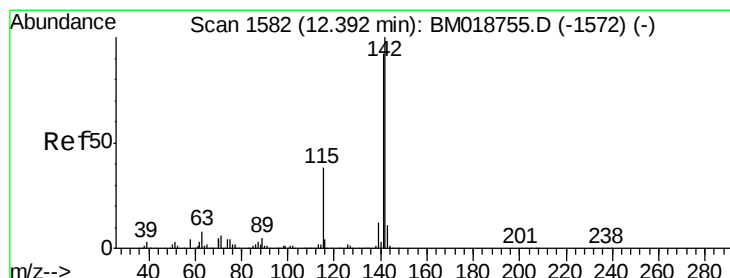
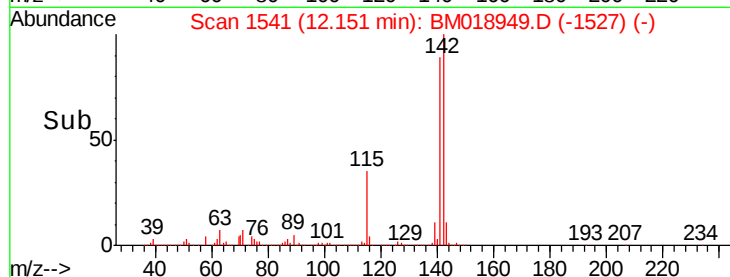
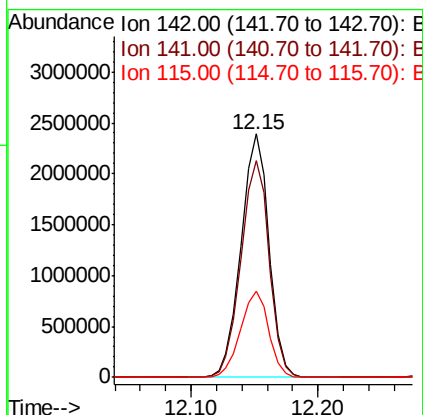
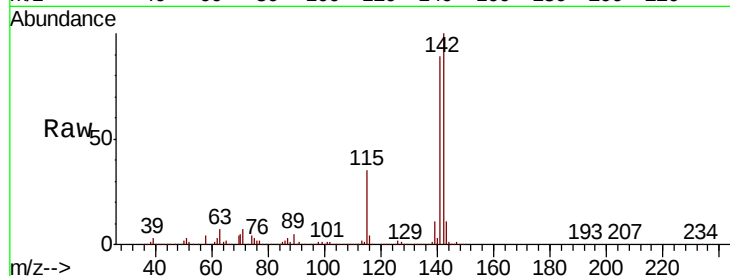




#37
 2-Methylnaphthalene
 Concen: 46.963 ng
 RT: 12.15 min Scan# 1541
 Delta R.T. -0.02 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

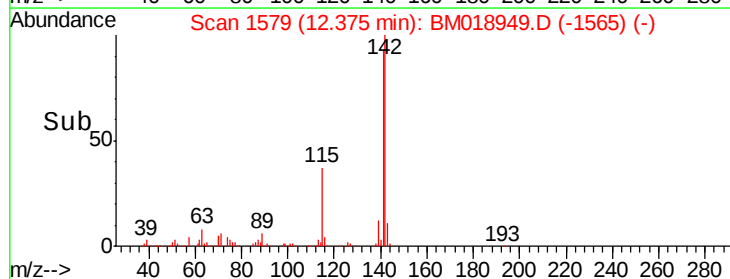
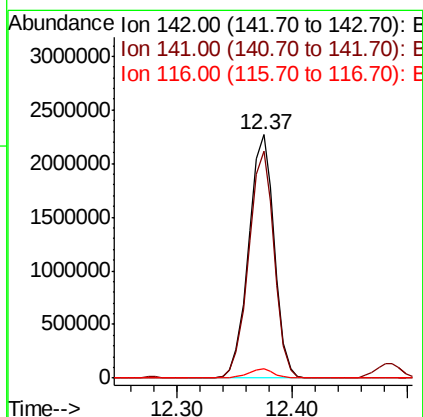
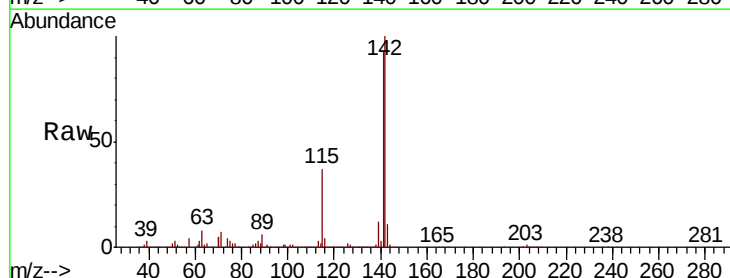
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

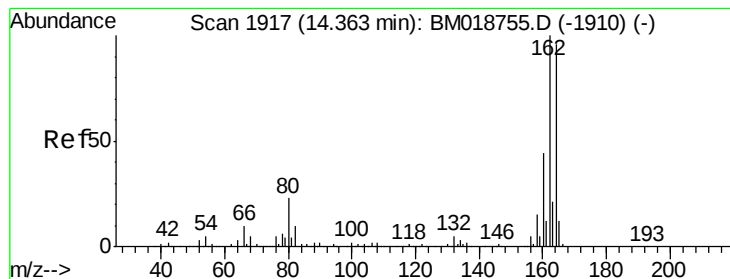
Tgt Ion:142 Resp: 3653861
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.2 106.8
 115 35.3 29.1 43.7



#38
 1-Methylnaphthalene
 Concen: 45.814 ng
 RT: 12.37 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Tgt Ion:142 Resp: 3485538
 Ion Ratio Lower Upper
 142 100
 141 93.4 73.9 110.9
 116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

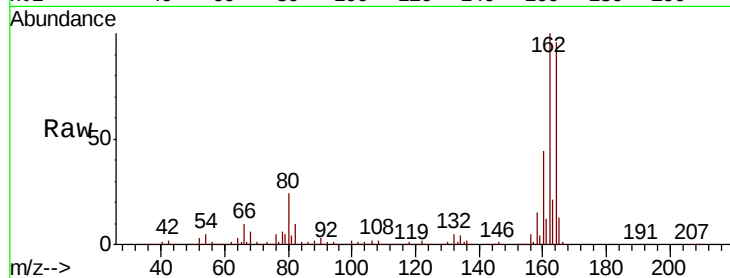
Tgt Ion:164 Resp: 1297192

Ion Ratio Lower Upper

164 100

162 103.9 83.4 125.0

160 45.8 36.6 55.0

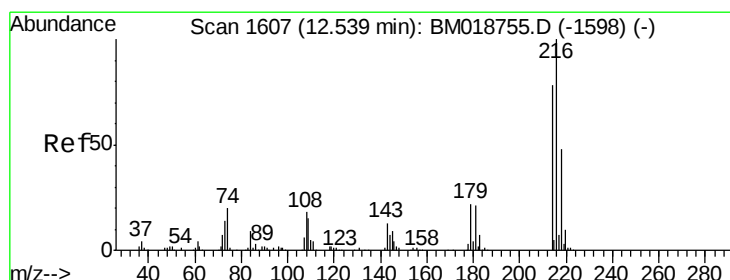
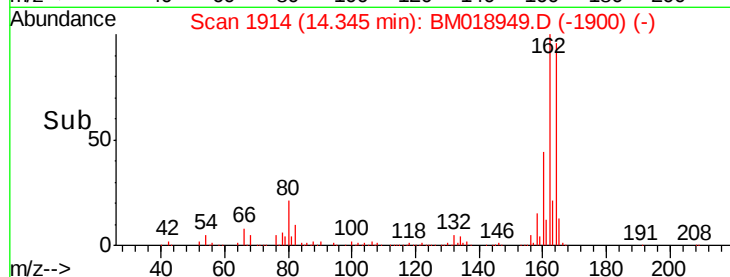
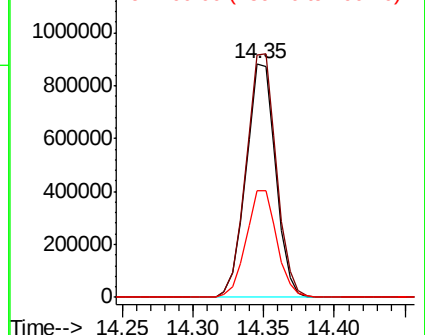


Abundance

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: 42.343 ng

RT: 12.52 min Scan# 1604

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Tgt Ion:216 Resp: 1757064

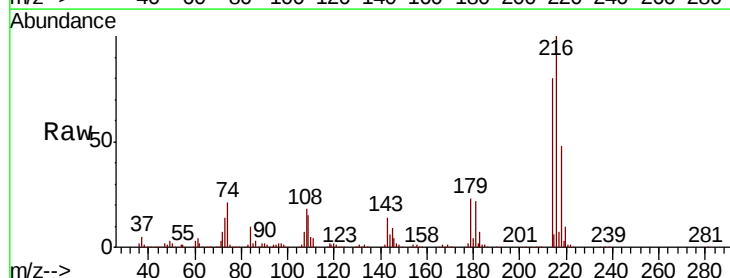
Ion Ratio Lower Upper

216 100

214 79.0 63.2 94.8

179 22.6 17.8 26.8

108 21.9 16.4 24.6



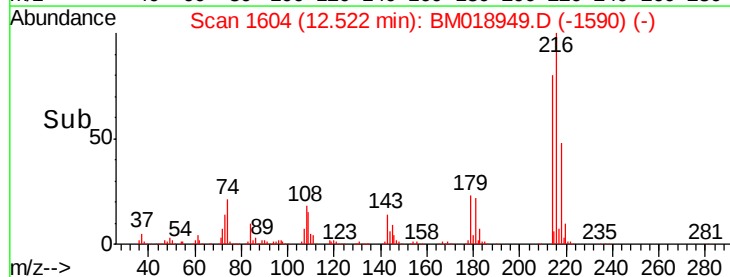
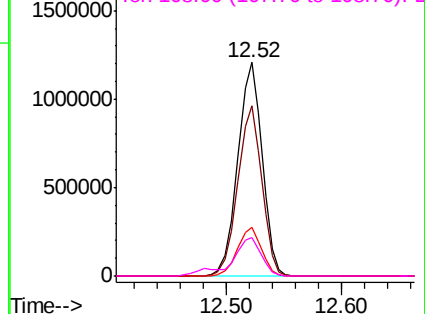
Abundance

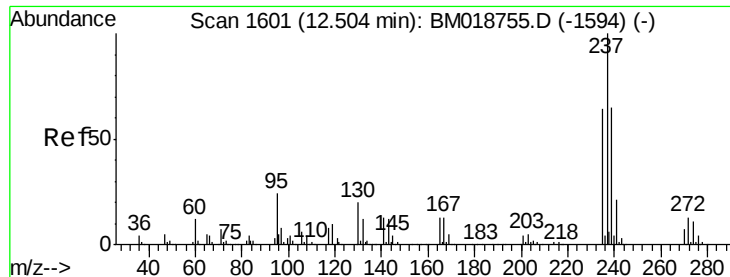
Ion 216.00 (215.70 to 216.70): E

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: 83.171 ng

RT: 12.49 min Scan# 1598

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

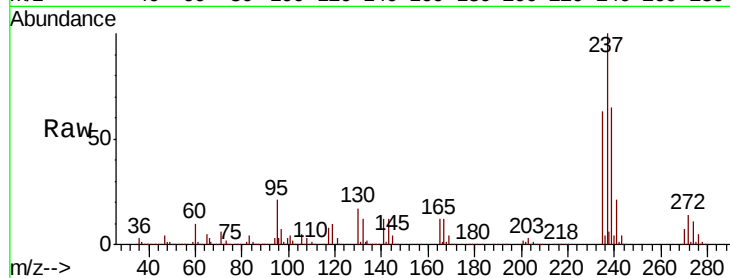
Tgt Ion:237 Resp: 1764538

Ion Ratio Lower Upper

237 100

235 62.9 43.7 83.7

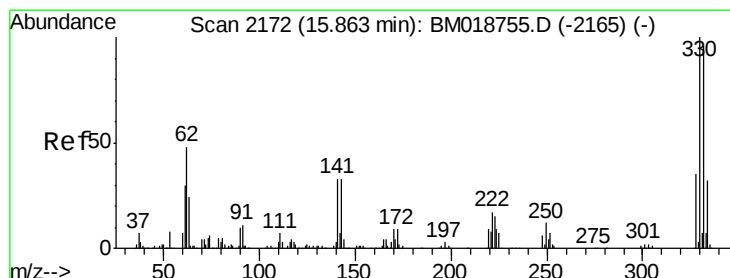
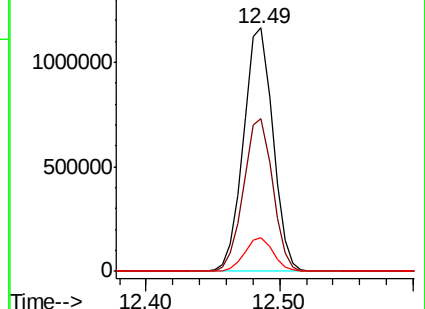
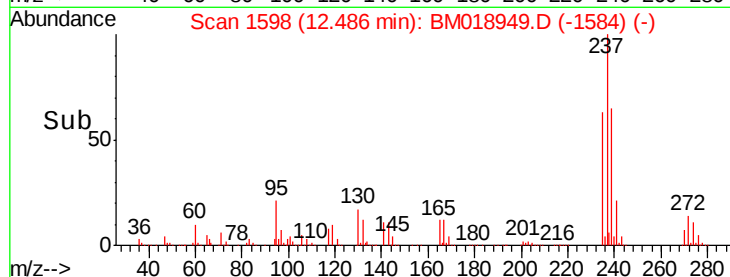
272 14.0 0.0 33.3



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: 166.275 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

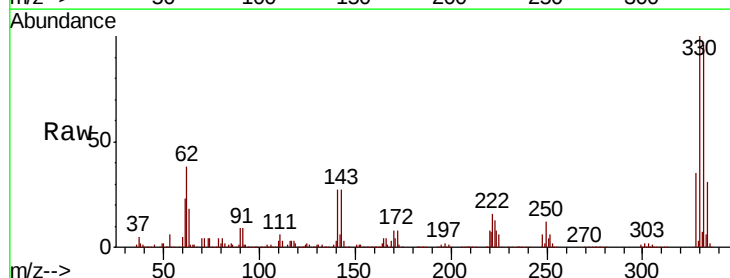
Tgt Ion:330 Resp: 3109126

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

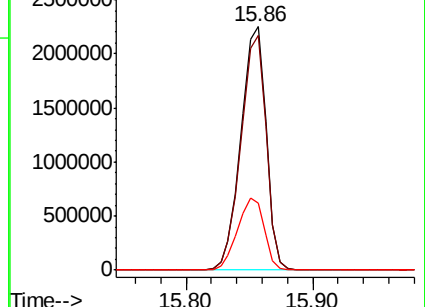
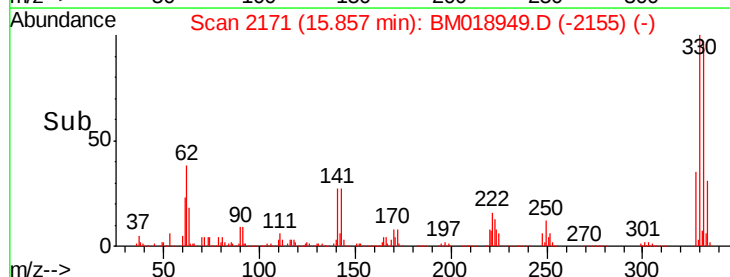
141 31.3 28.7 43.1



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

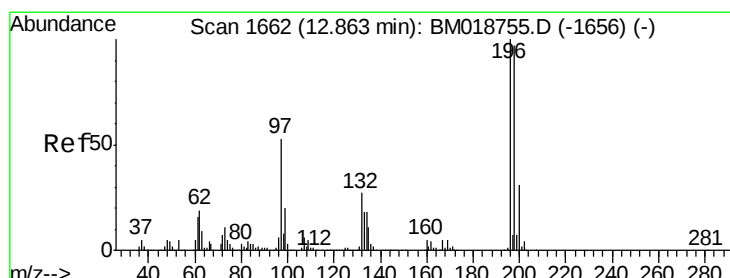
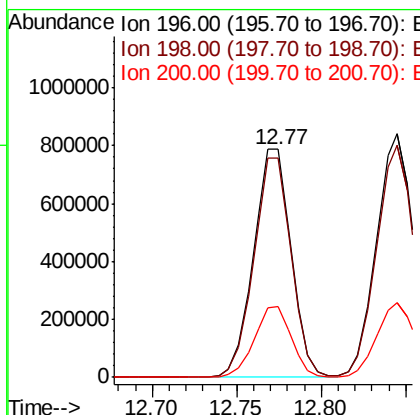
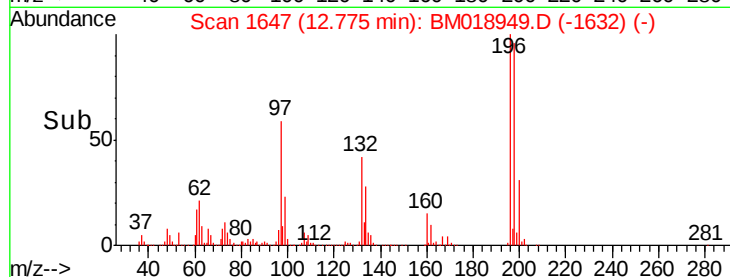
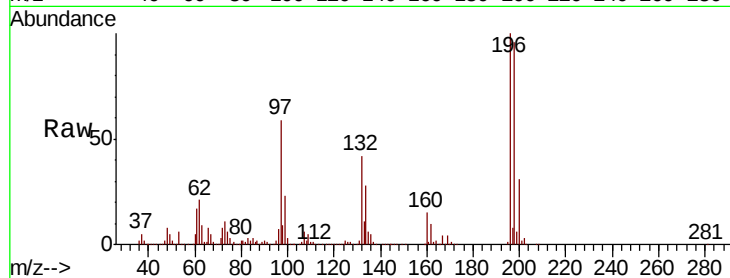




#43
 2,4,6-Trichlorophenol
 Concen: 44.363 ng
 RT: 12.77 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

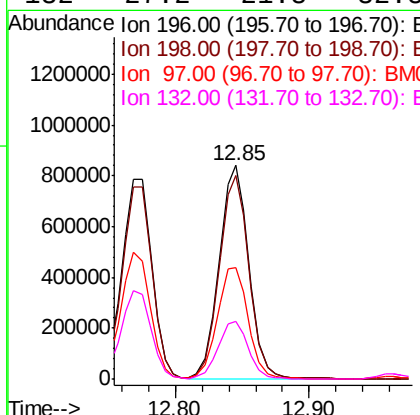
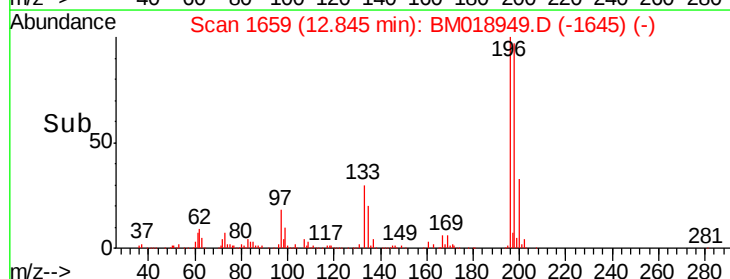
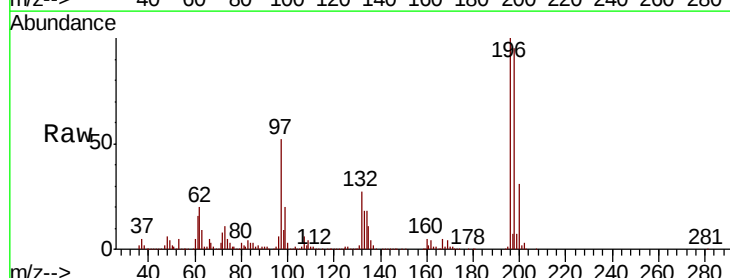
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

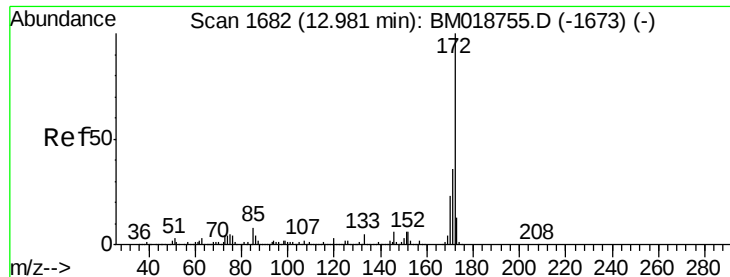
Tgt Ion:196 Resp: 1218661
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.2 114.2
 200 31.1 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 45.204 ng
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Tgt Ion:196 Resp: 1301533
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.6 116.4
 97 52.1 42.8 64.2
 132 27.2 21.8 32.8

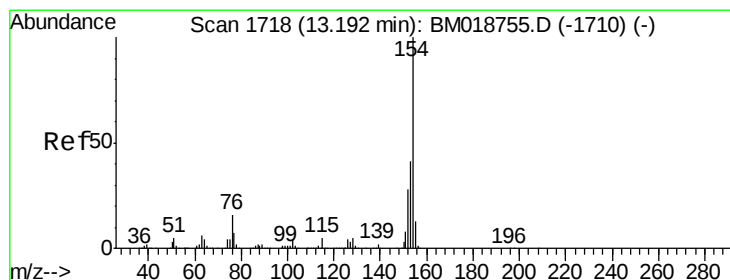
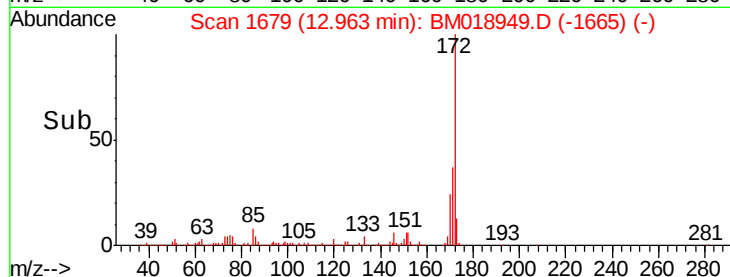
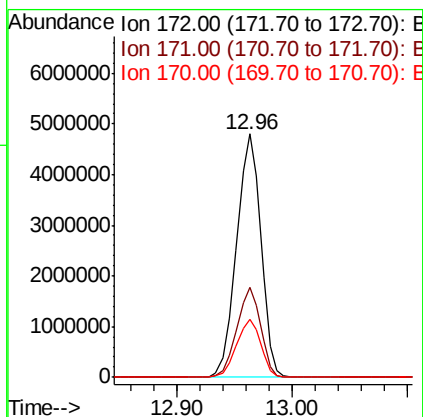
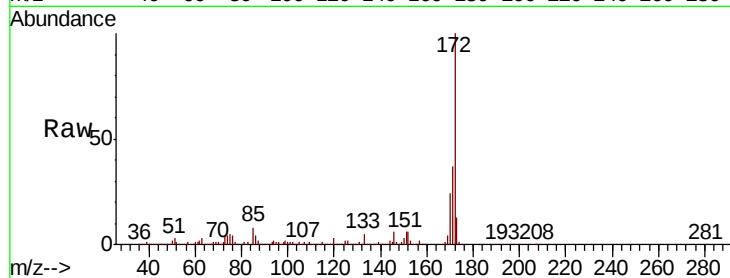




#45
 2-Fluorobiphenyl
 Concen: 71.500 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.02 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

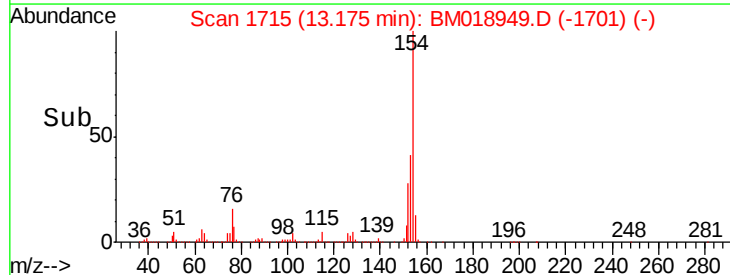
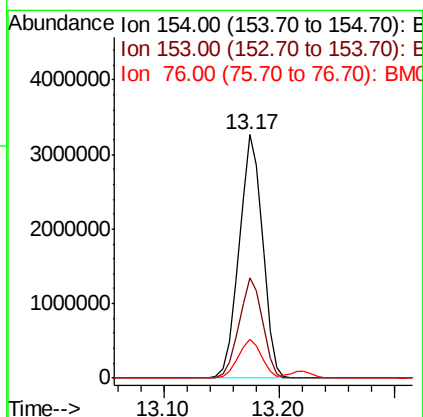
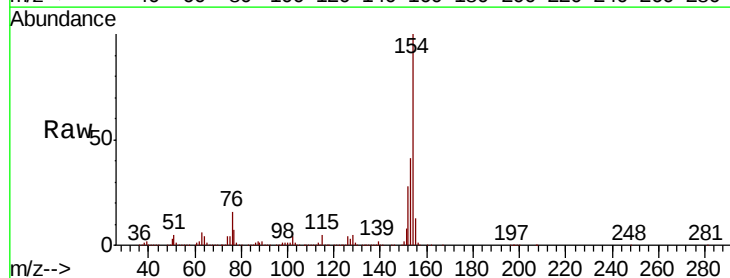
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

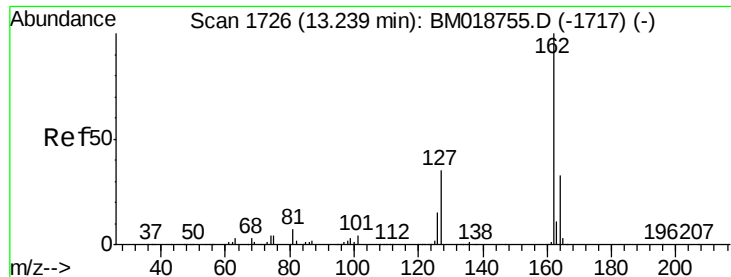
Tgt Ion:172 Resp: 6986916
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 23.9 18.6 28.0



#46
 1,1'-Biphenyl
 Concen: 41.006 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Tgt Ion:154 Resp: 4578733
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.1 61.1
 76 16.2 0.0 35.7

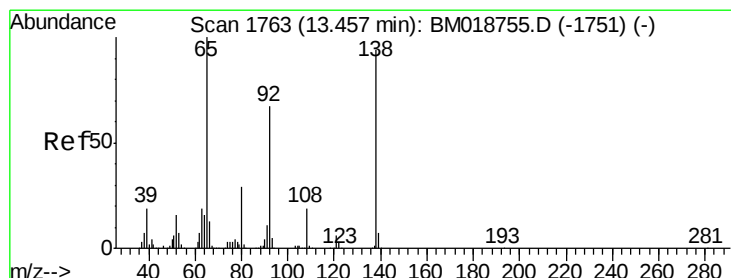
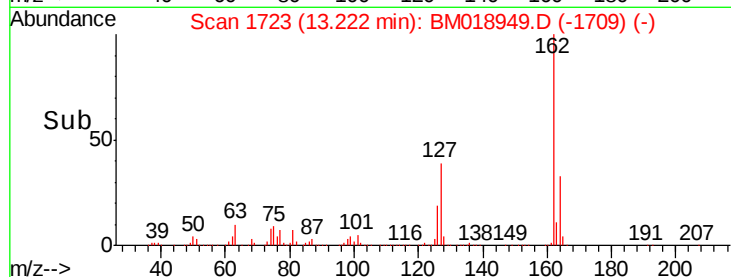
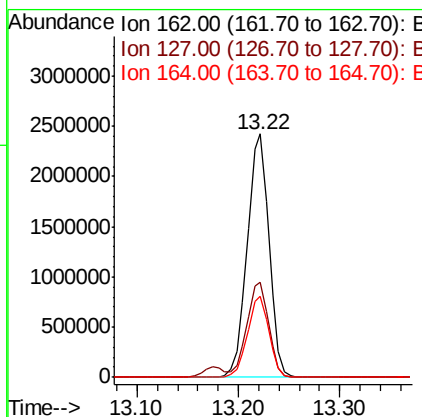
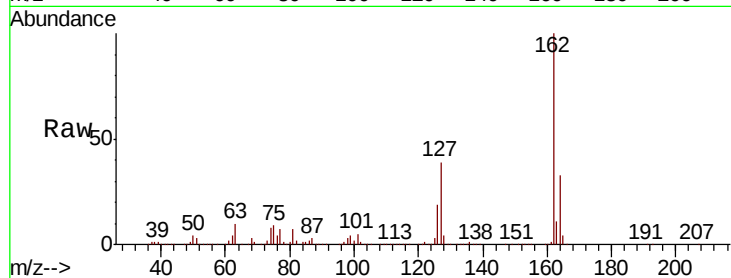




#47
 2-Chloronaphthalene
 Concen: 41.708 ng
 RT: 13.22 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

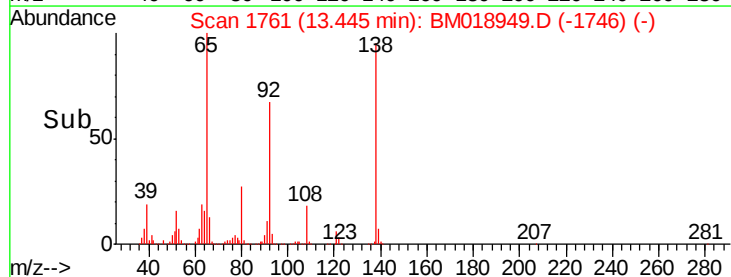
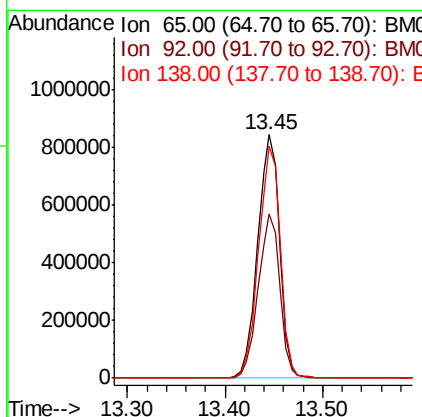
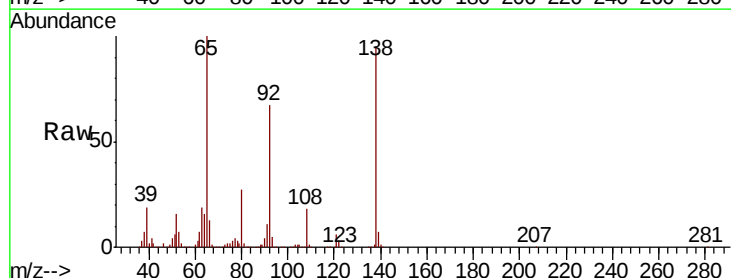
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

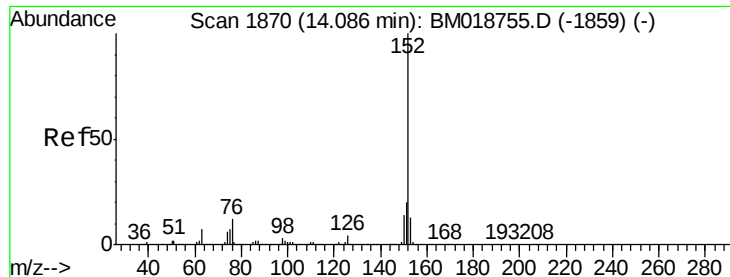
Tgt Ion: 162 Resp: 3597089
 Ion Ratio Lower Upper
 162 100
 127 39.1 31.1 46.7
 164 33.2 26.4 39.6



#48
 2-Nitroaniline
 Concen: 46.279 ng
 RT: 13.45 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Tgt Ion: 65 Resp: 1325592
 Ion Ratio Lower Upper
 65 100
 92 67.5 54.0 81.0
 138 95.5 74.9 112.3





#49

Acenaphthylene

Concen: 44.415 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

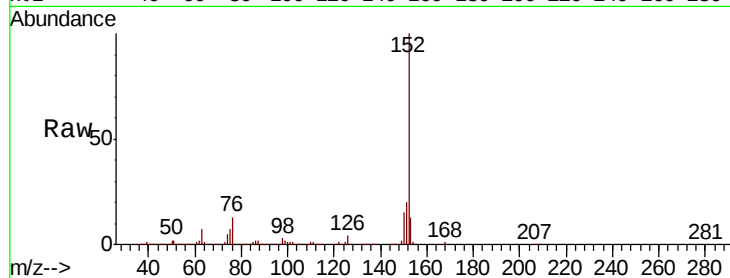
Tgt Ion:152 Resp: 5703746

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

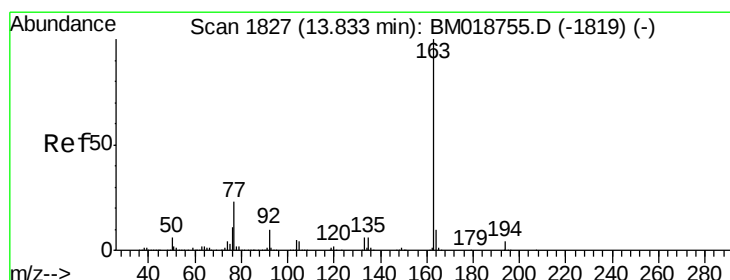
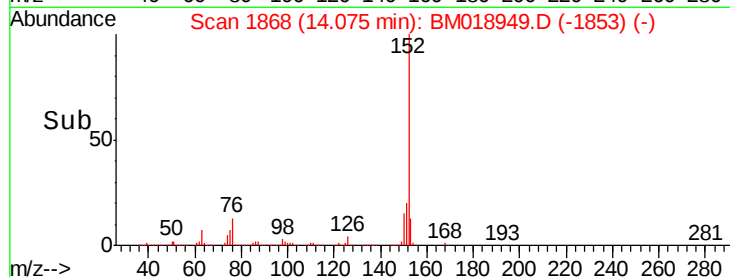
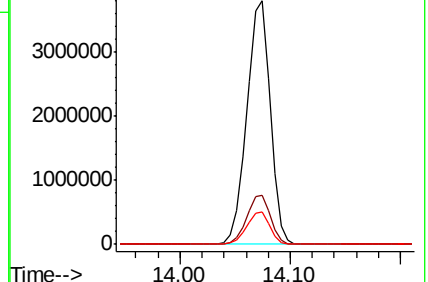
153 13.2 10.5 15.7



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: 41.834 ng

RT: 13.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

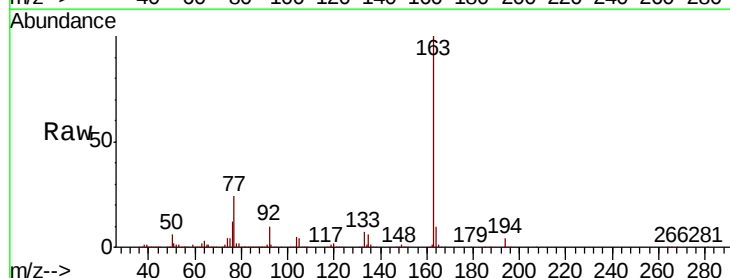
Tgt Ion:163 Resp: 4522547

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

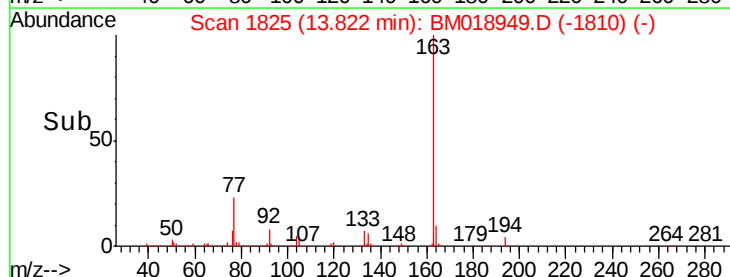
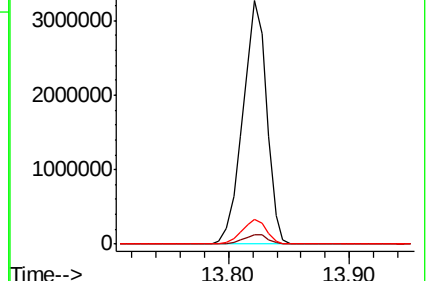
164 10.1 7.8 11.8

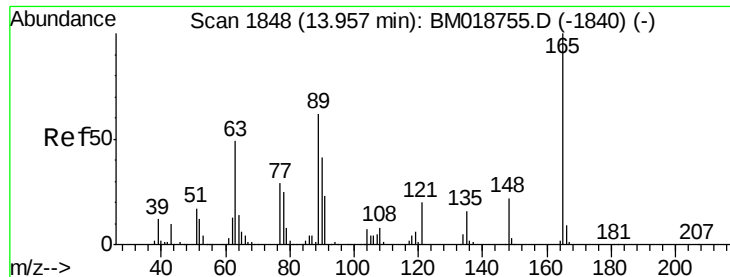


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.985 ng

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

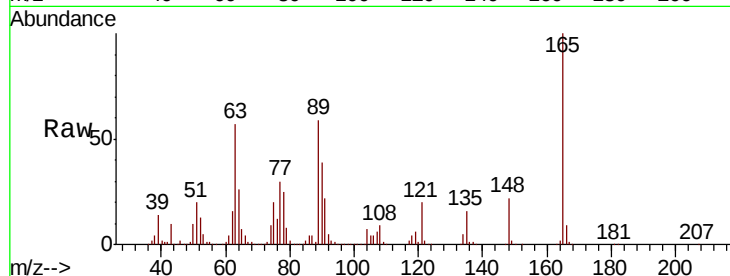
Tgt Ion:165 Resp: 1030071

Ion Ratio Lower Upper

165 100

63 57.4 48.9 73.3

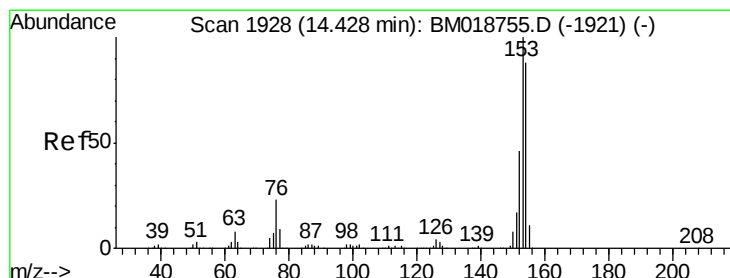
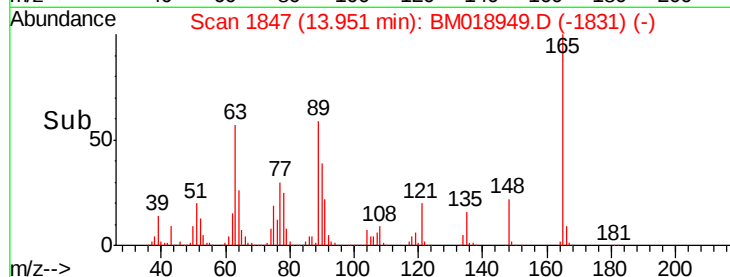
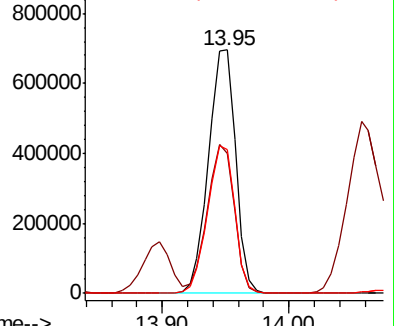
89 59.1 49.4 74.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 42.846 ng

RT: 14.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

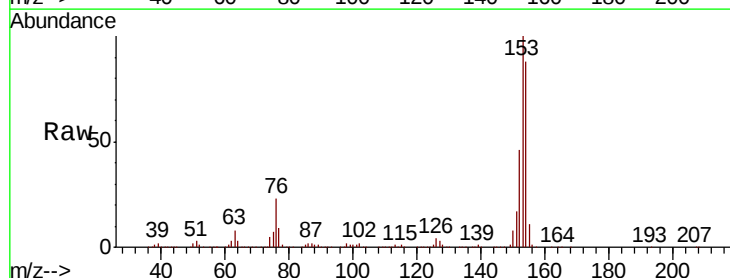
Tgt Ion:154 Resp: 3373868

Ion Ratio Lower Upper

154 100

153 113.3 91.3 136.9

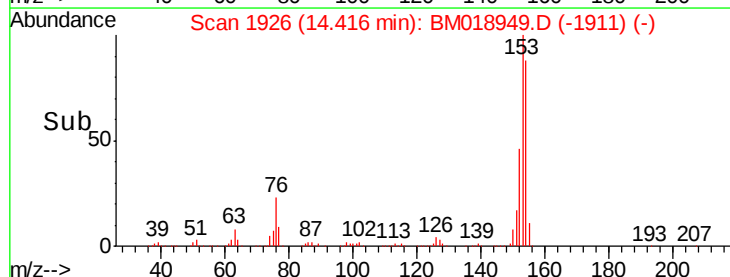
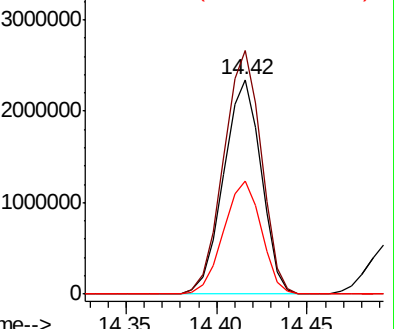
152 52.4 42.2 63.4

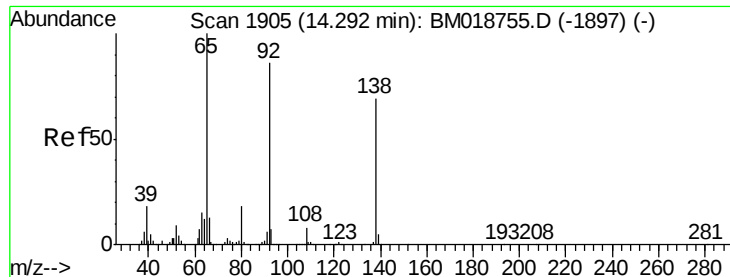


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

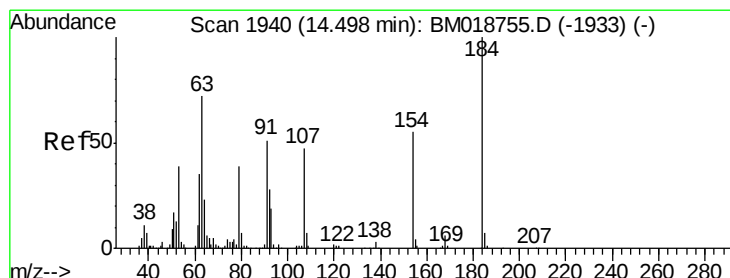
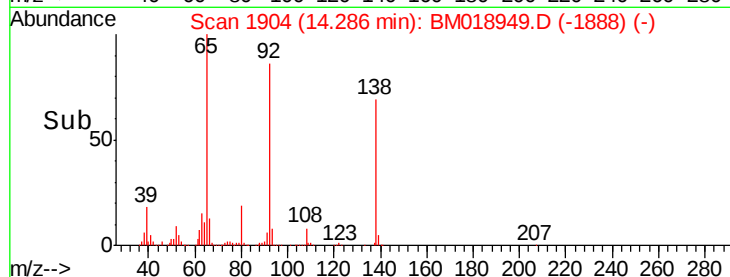
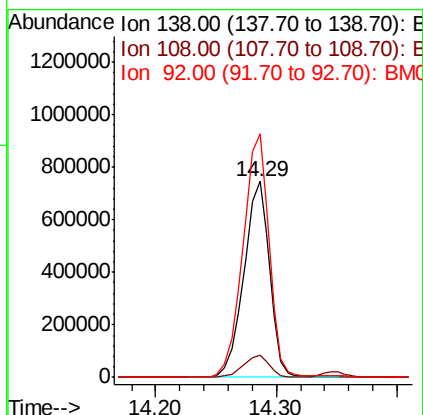
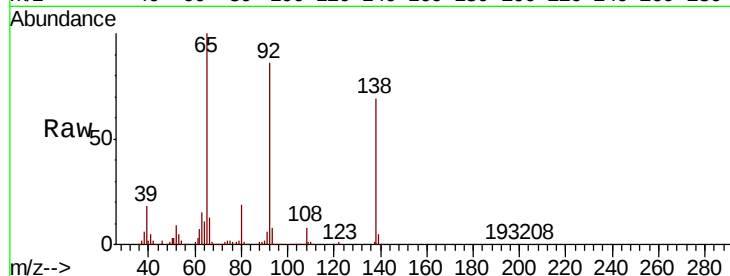




#53
3-Nitroaniline
Concen: 41.972 ng
RT: 14.29 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

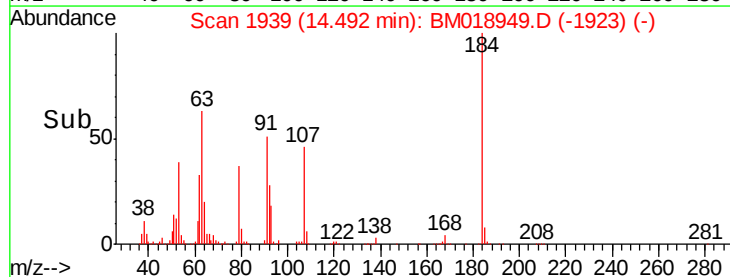
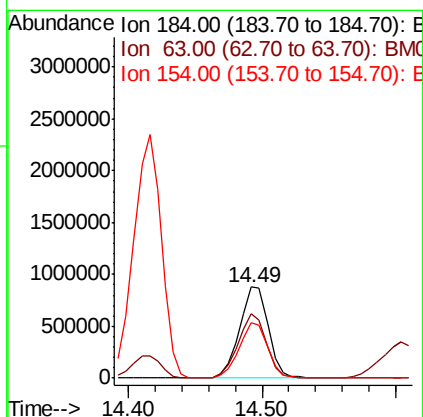
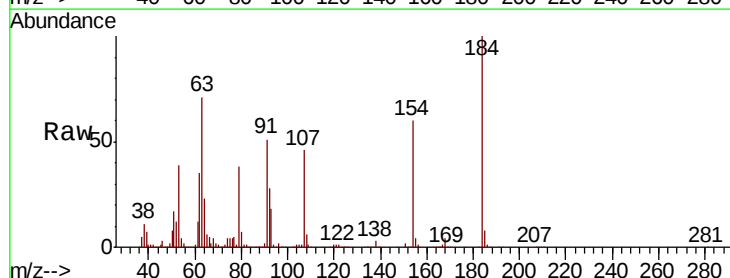
Instrument :
BNA_M
ClientSampleId :
PB117349BSD

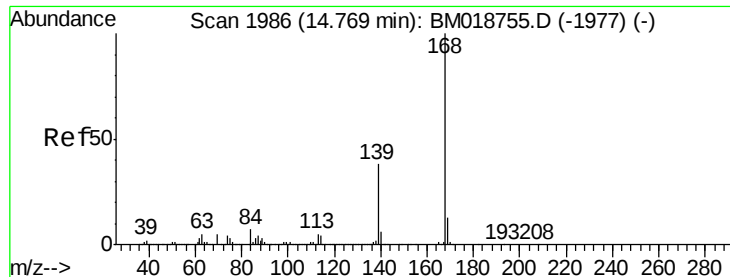
Tgt Ion:138 Resp: 1110609
Ion Ratio Lower Upper
138 100
108 11.2 9.1 13.7
92 124.2 99.7 149.5



#54
2,4-Dinitrophenol
Concen: 87.932 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion:184 Resp: 1315784
Ion Ratio Lower Upper
184 100
63 70.6 58.0 87.0
154 60.5 50.3 75.5





#55

Dibenzofuran

Concen: 42.105 ng

RT: 14.75 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

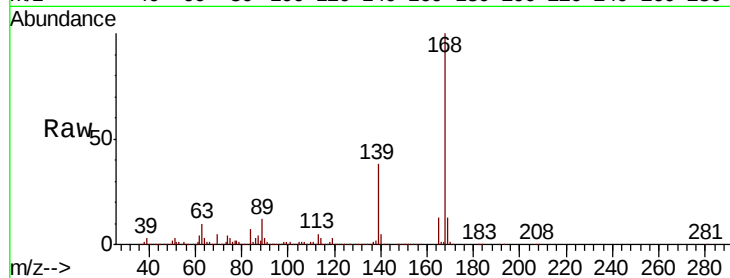
Tgt Ion:168 Resp: 5449562

Ion Ratio Lower Upper

168 100

139 37.6 30.7 46.1

169 13.5 10.3 15.5

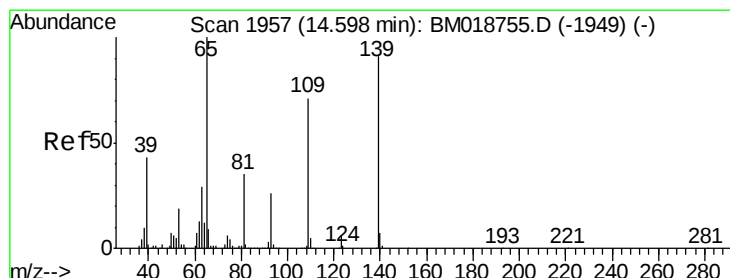
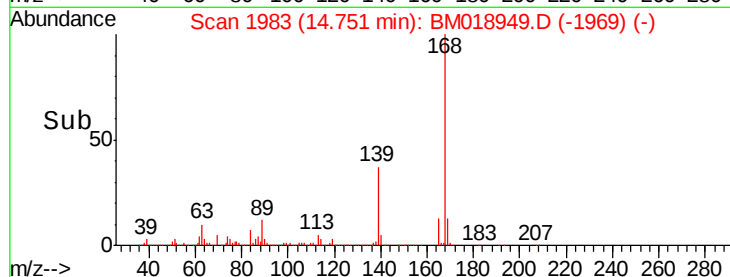
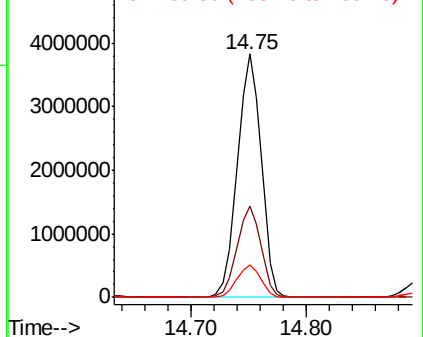


Abundance

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: 88.806 ng

RT: 14.60 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

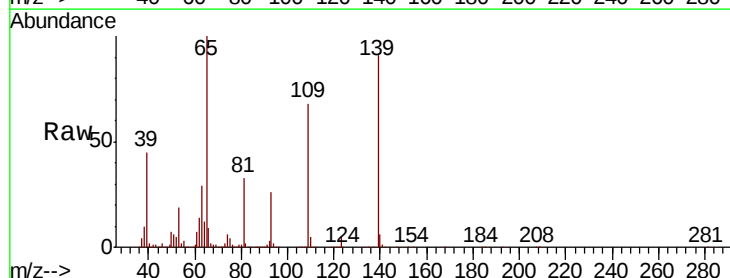
Tgt Ion:139 Resp: 1875822

Ion Ratio Lower Upper

139 100

109 74.9 58.4 98.4

65 109.4 89.8 129.8

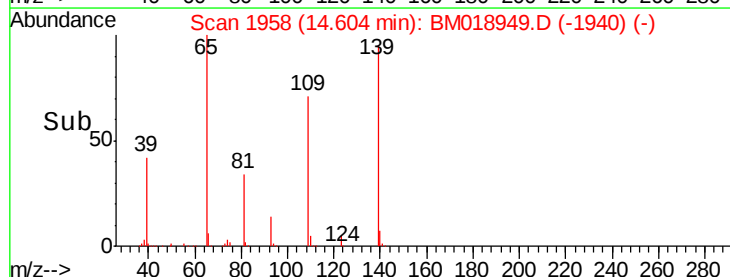
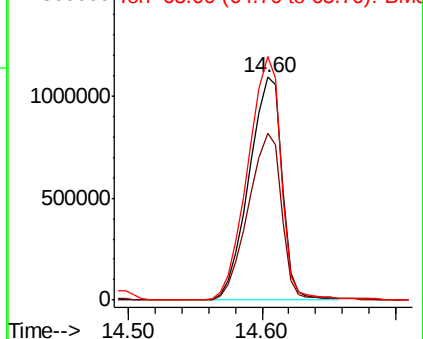


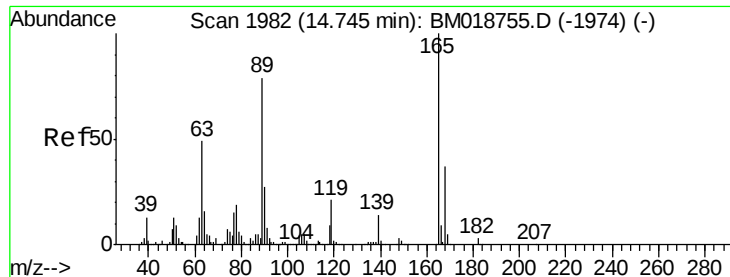
Abundance

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

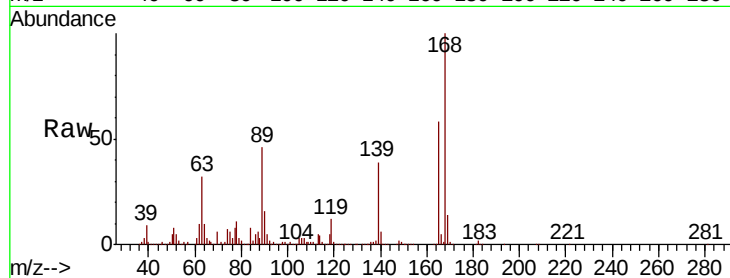




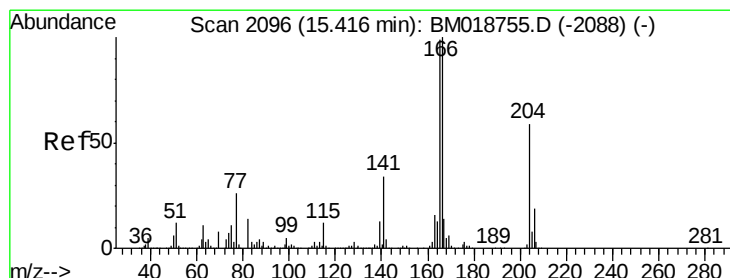
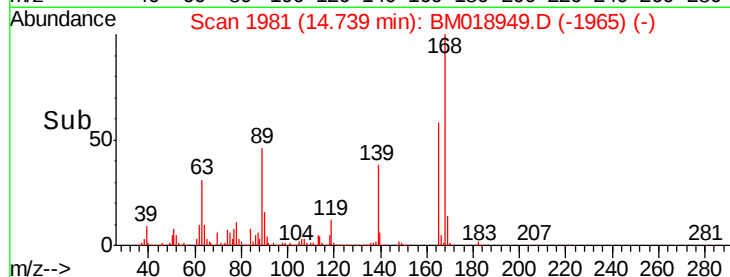
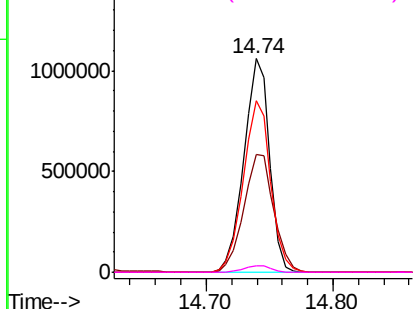
#57
2,4-Dinitrotoluene
Concen: 45.961 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tgt Ion:165 Resp: 1482984
Ion Ratio Lower Upper
165 100
63 55.1 39.6 59.4
89 80.2 63.5 95.3
182 3.0 2.2 3.4

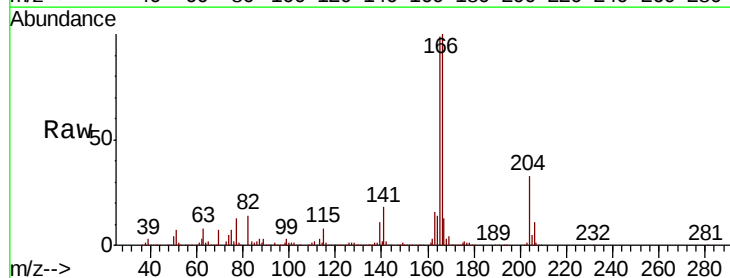


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

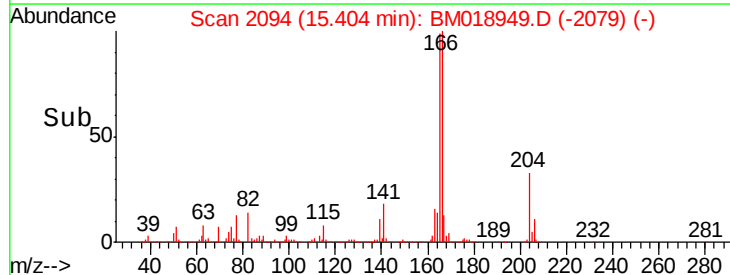
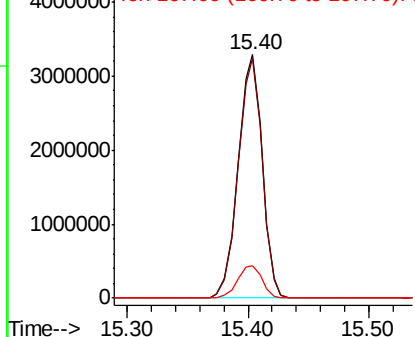


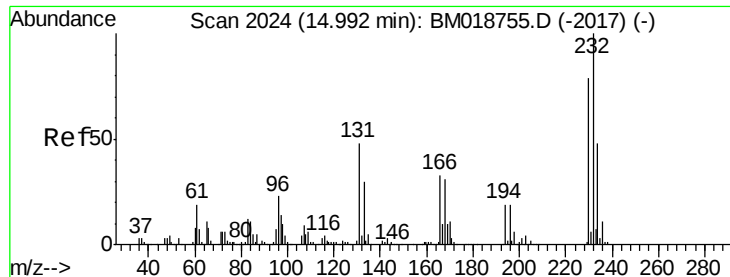
#58
Fluorene
Concen: 46.116 ng
RT: 15.40 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion:166 Resp: 4566210
Ion Ratio Lower Upper
166 100
165 98.6 79.1 118.7
167 13.4 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

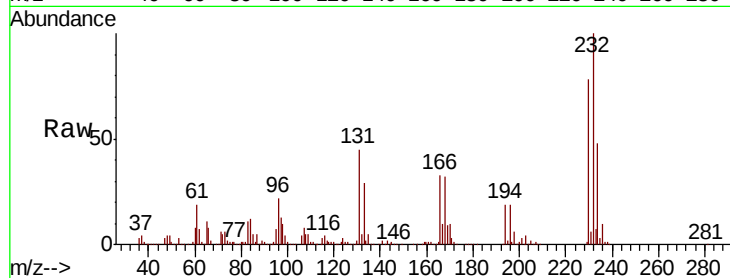




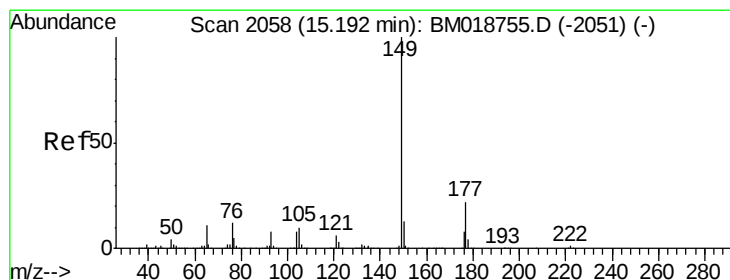
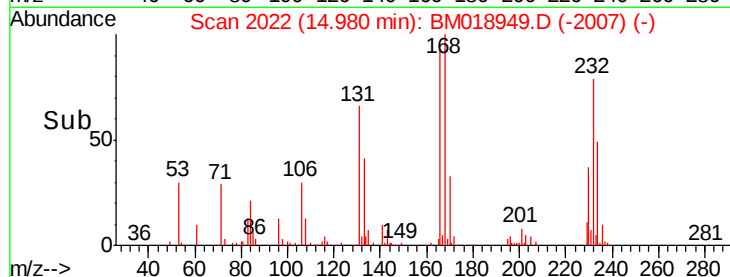
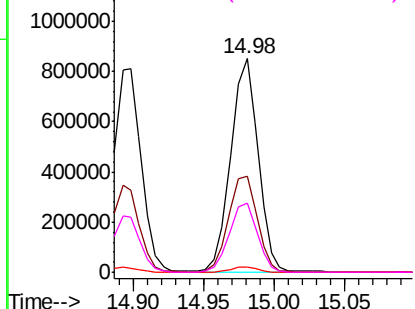
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.042 ng
RT: 14.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tgt Ion:232 Resp: 1146328
Ion Ratio Lower Upper
232 100
131 47.6 38.6 57.8
130 2.5 2.0 3.0
166 33.6 26.9 40.3

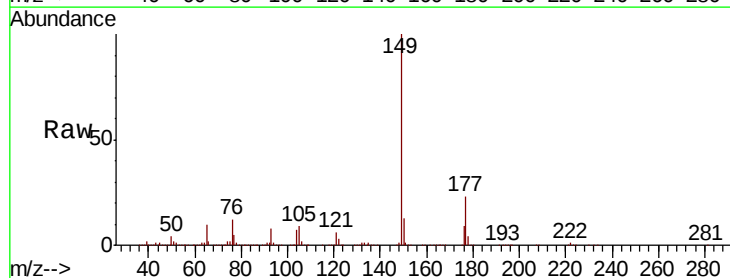


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

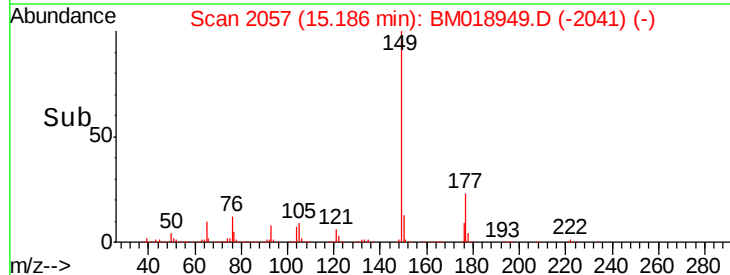
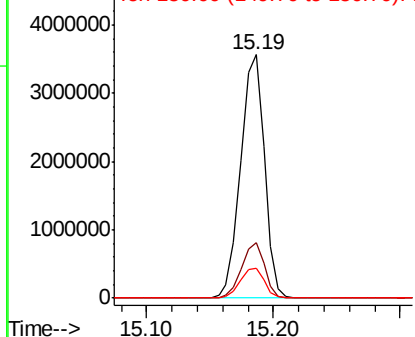


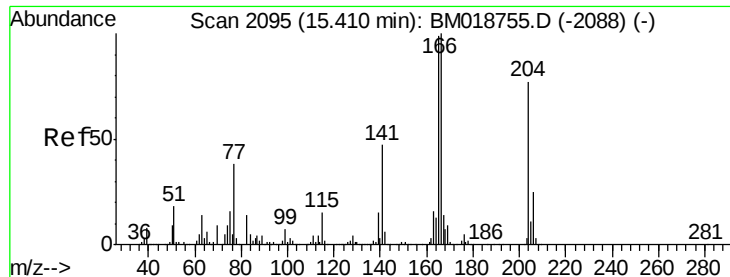
#60
Diethylphthalate
Concen: 41.485 ng
RT: 15.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion:149 Resp: 4626310
Ion Ratio Lower Upper
149 100
177 22.5 17.2 25.8
150 12.5 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

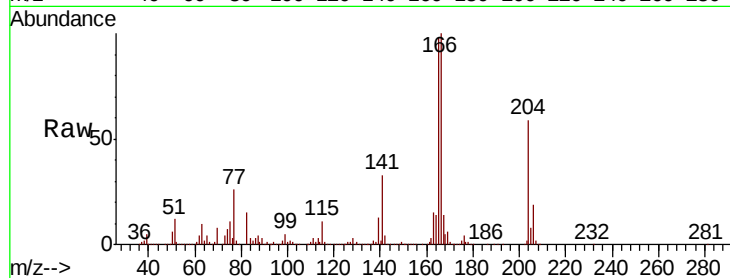




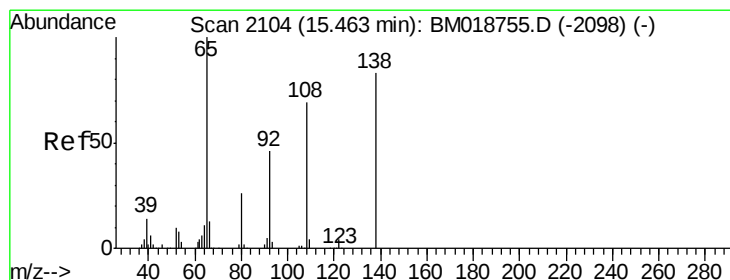
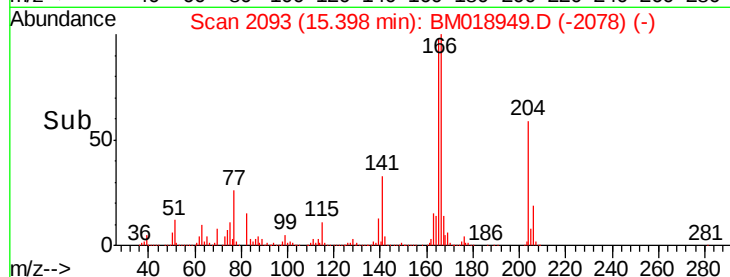
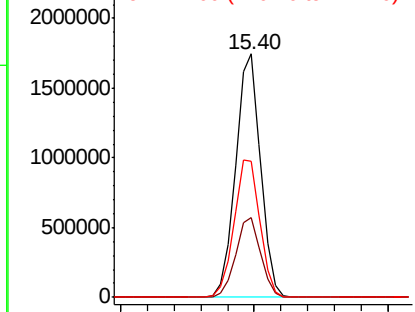
#61
4-Chlorophenyl-phenylether
Concen: 40.589 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tgt Ion:204 Resp: 2253320
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 56.1 49.2 73.8

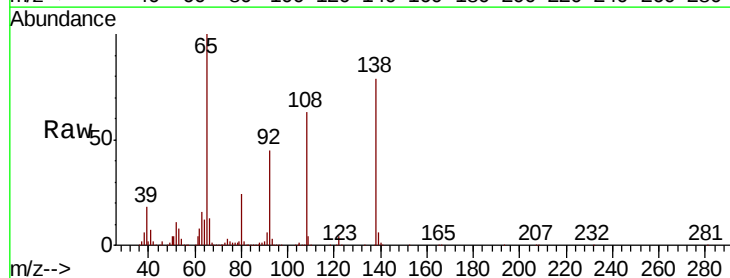


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

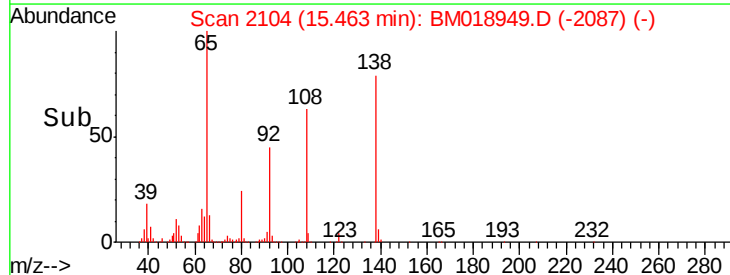
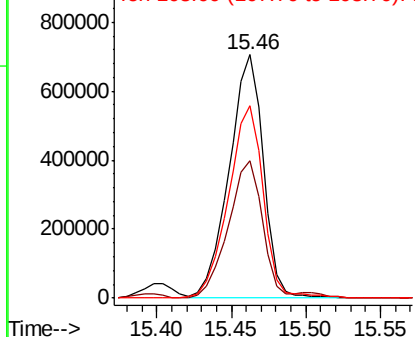


#62
4-Nitroaniline
Concen: 43.164 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion:138 Resp: 1119720
Ion Ratio Lower Upper
138 100
92 56.4 35.5 75.5
108 79.0 62.4 102.4



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





#63

Azobenzene

Concen: 42.126 ng

RT: 15.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tgt Ion: 77 Resp: 5037026

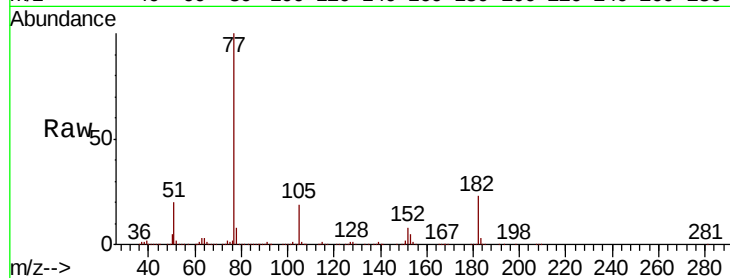
Ion Ratio Lower Upper

77 100

182 22.8 1.0 41.0

105 18.5 0.0 37.7

51 20.4 0.3 40.3

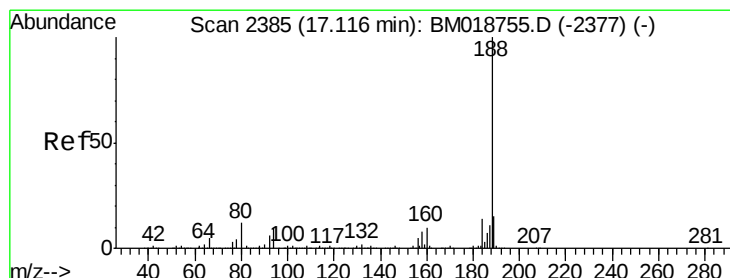
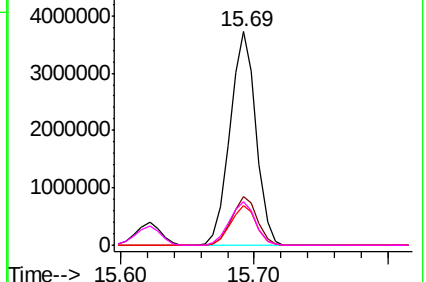
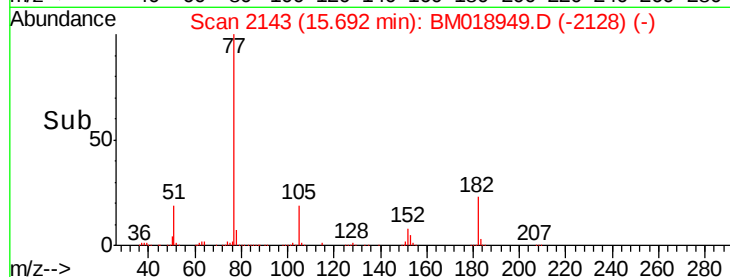


Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM018755.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-2139) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

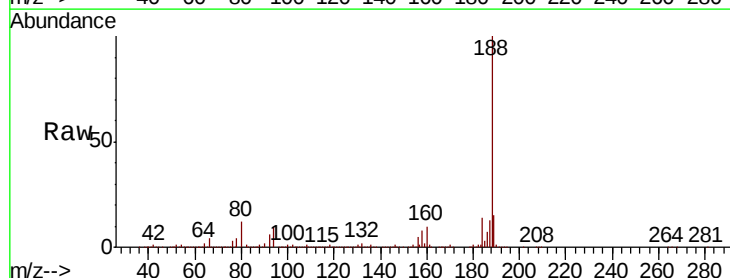
Tgt Ion: 188 Resp: 2932169

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

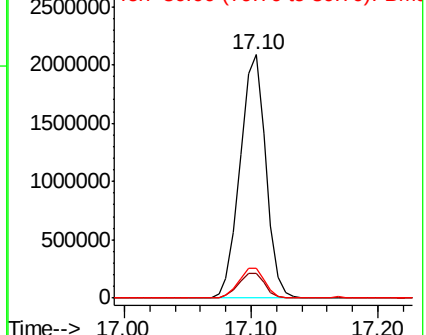
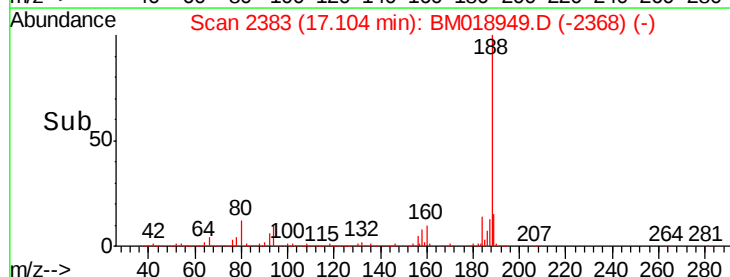
80 12.3 9.7 14.5

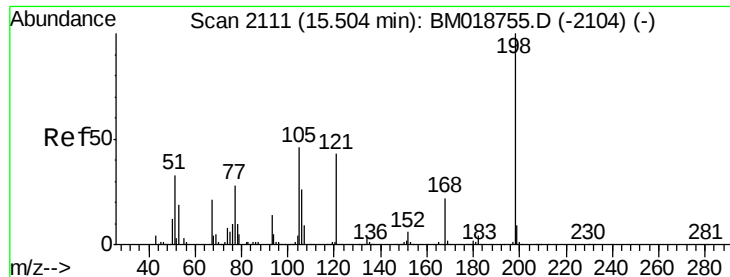


Abundance Ion 188.00 (187.70 to 188.70): BM018755.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM018755.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM018755.D (-2377) (-)

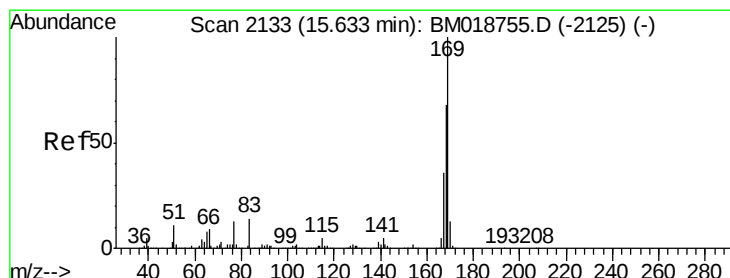
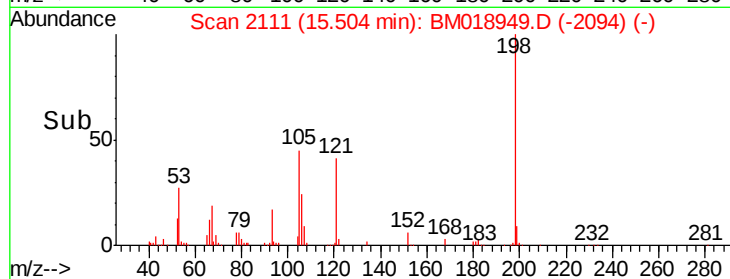
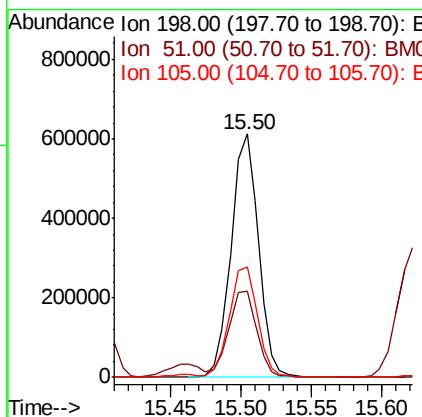
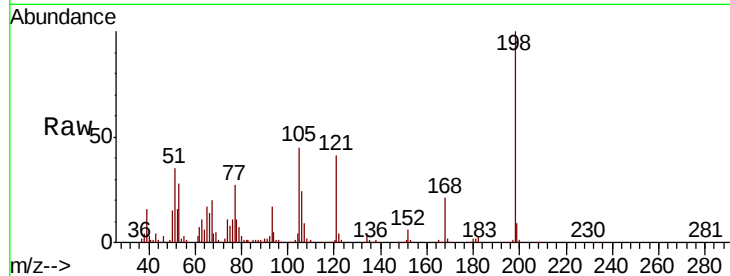




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.202 ng
 RT: 15.50 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

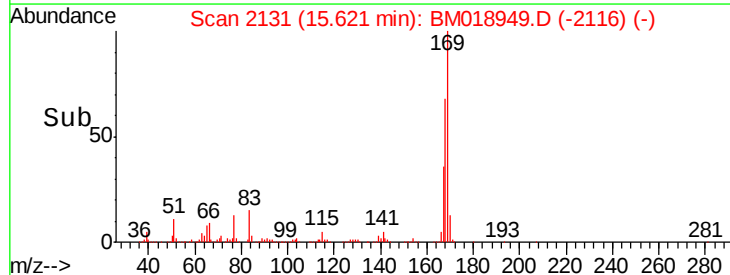
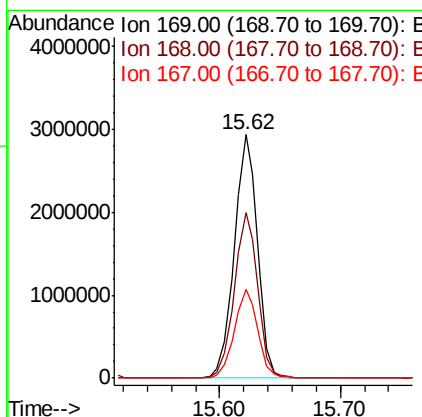
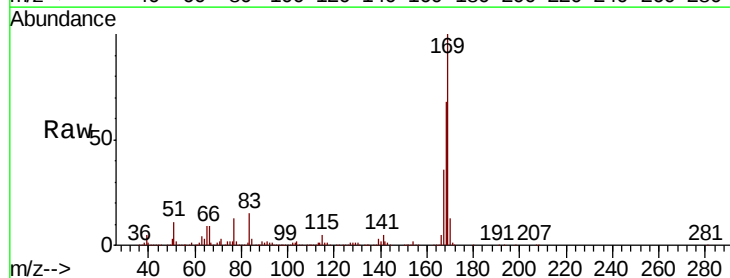
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

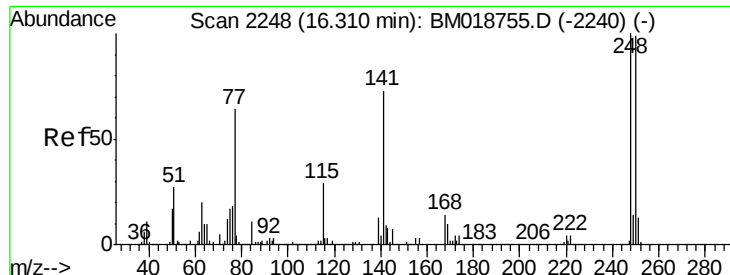
Tgt Ion:198 Resp: 827635
 Ion Ratio Lower Upper
 198 100
 51 35.3 18.4 58.4
 105 45.3 27.2 67.2



#66
 n-Nitrosodiphenylamine
 Concen: 42.134 ng
 RT: 15.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Tgt Ion:169 Resp: 3903244
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.4 81.6
 167 36.4 29.0 43.6

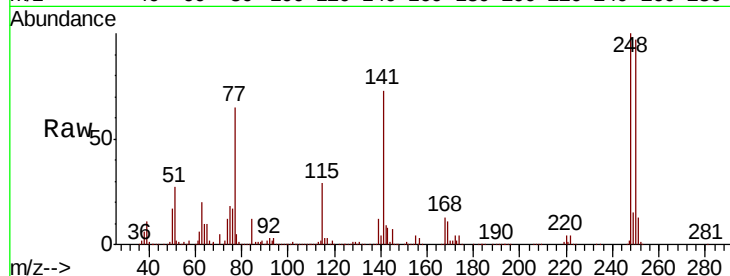




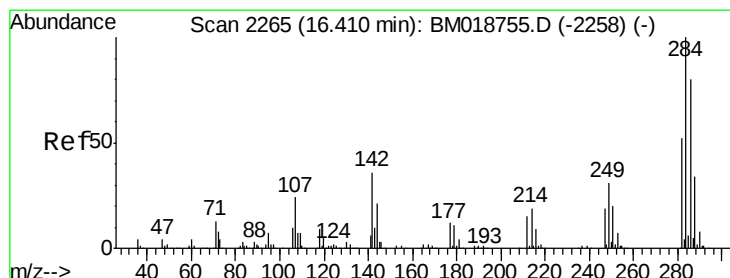
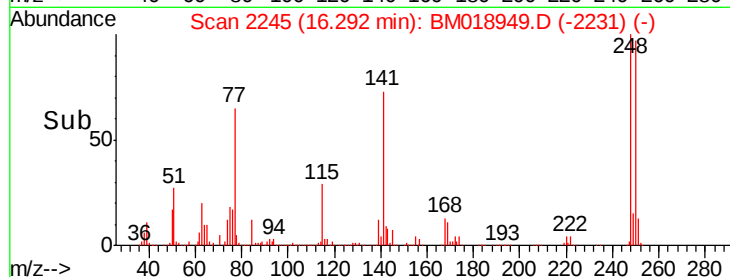
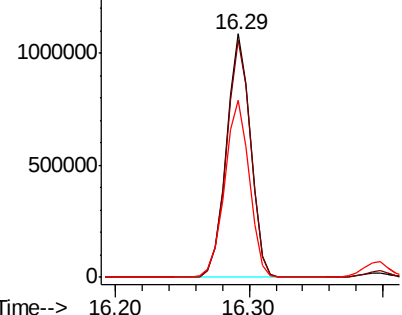
#67
4-Bromophenyl-phenylether
Concen: 41.221 ng
RT: 16.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampled :
PB117349BSD

Tgt Ion:248 Resp: 1352903
Ion Ratio Lower Upper
248 100
250 97.3 79.0 118.6
141 72.8 58.6 88.0

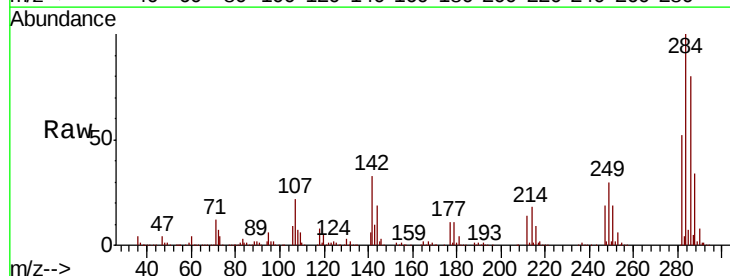


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

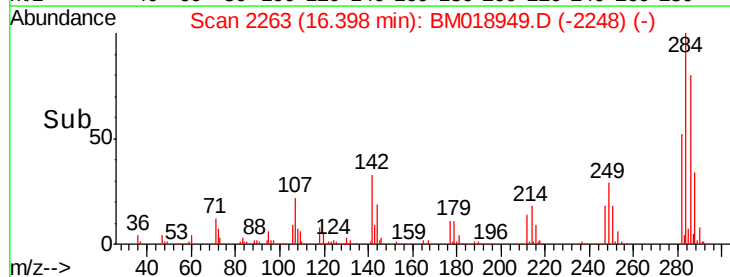
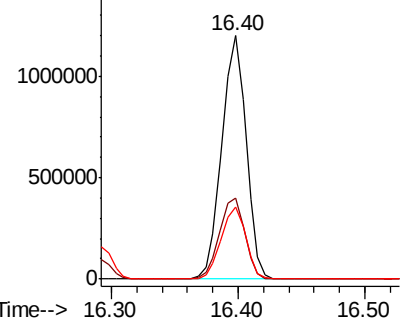


#68
Hexachlorobenzene
Concen: 41.706 ng
RT: 16.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion:284 Resp: 1591037
Ion Ratio Lower Upper
284 100
142 33.2 28.9 43.3
249 29.9 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: 17.287 ng

RT: 16.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

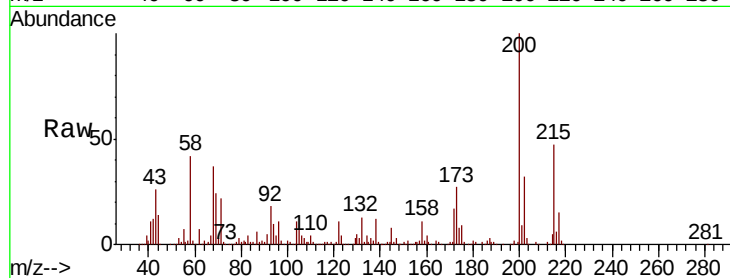
Tgt Ion:200 Resp: 516288

Ion Ratio Lower Upper

200 100

173 27.2 7.6 47.6

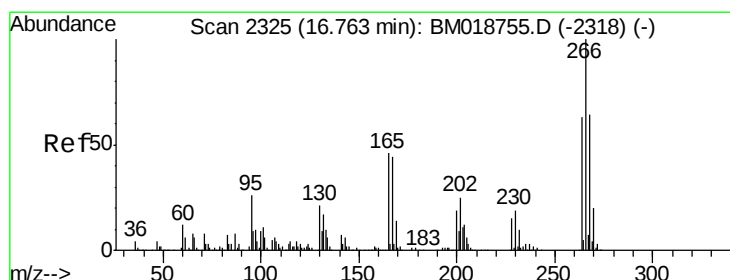
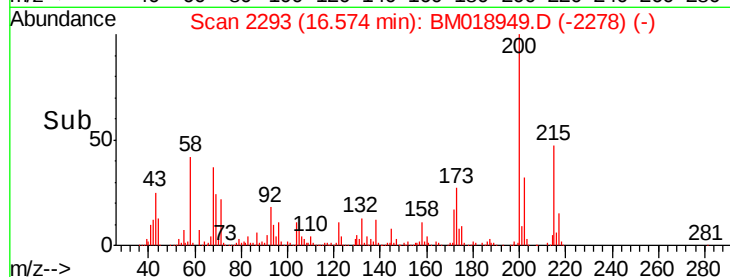
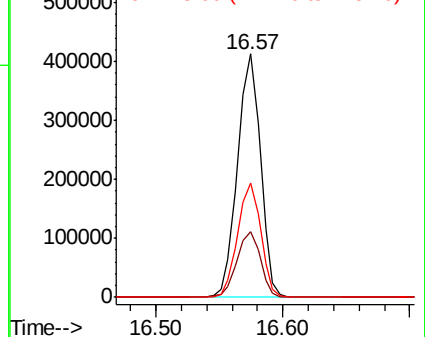
215 46.7 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 81.930 ng

RT: 16.75 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

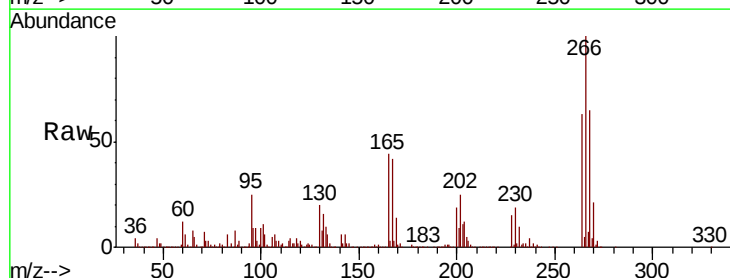
Tgt Ion:266 Resp: 2012480

Ion Ratio Lower Upper

266 100

268 65.1 51.3 76.9

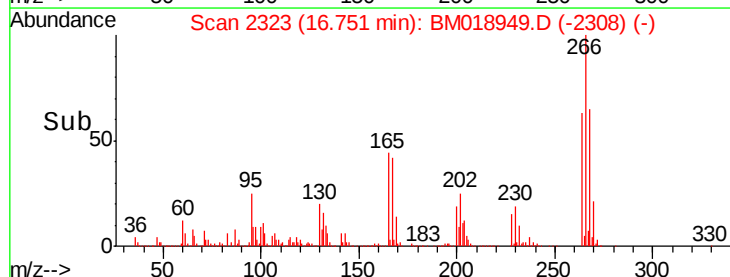
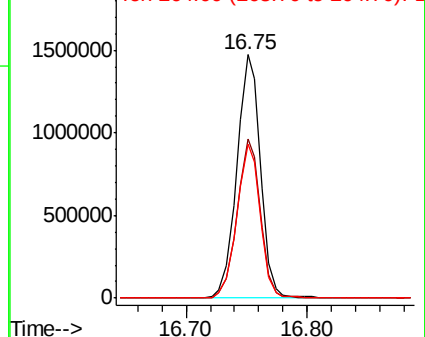
264 63.3 50.6 75.8

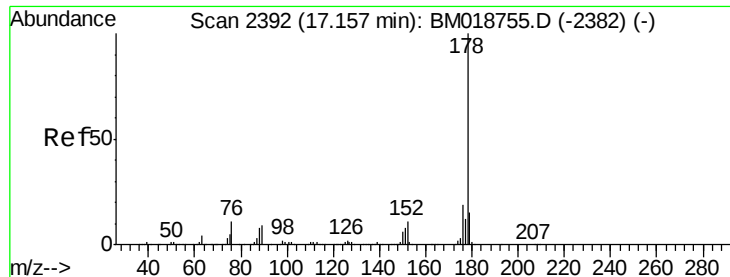


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.141 ng

RT: 17.14 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

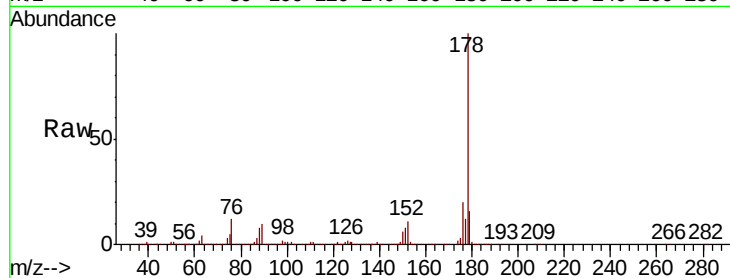
Tgt Ion:178 Resp: 6955781

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

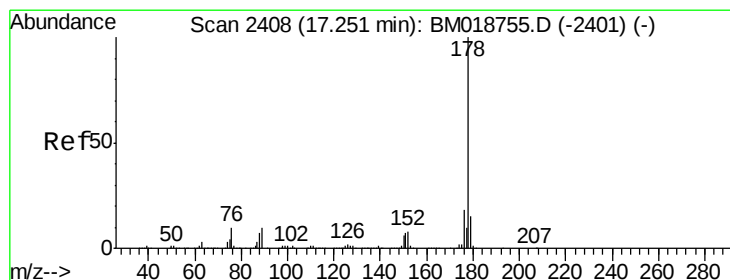
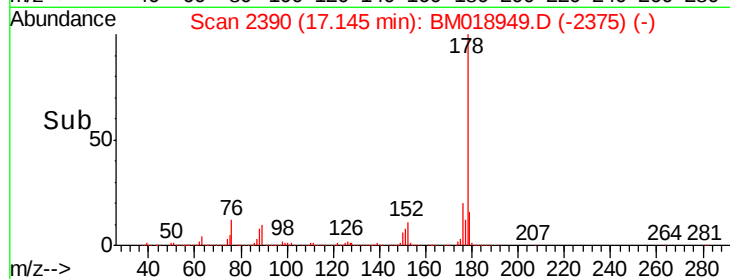
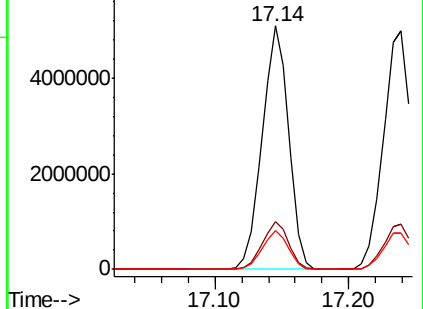
179 15.7 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.415 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

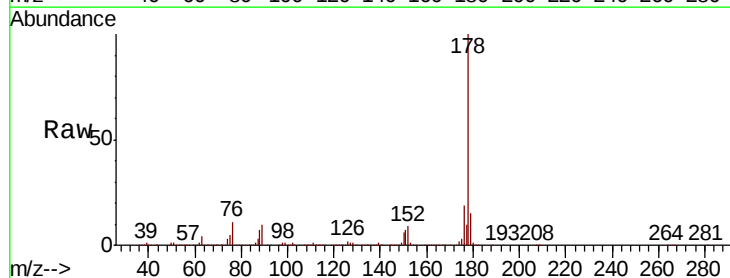
Tgt Ion:178 Resp: 7118974

Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

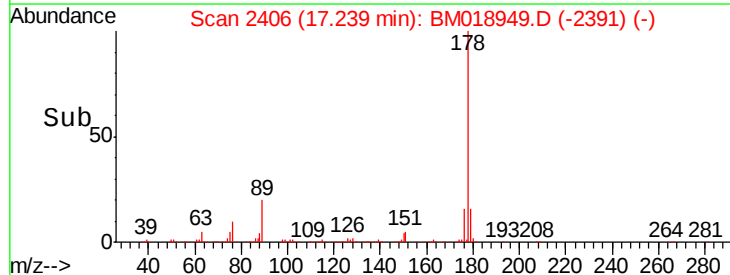
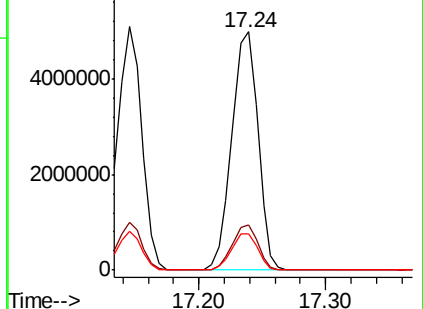
179 15.5 12.1 18.1

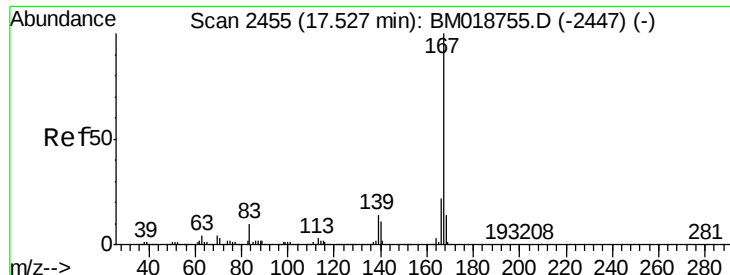


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

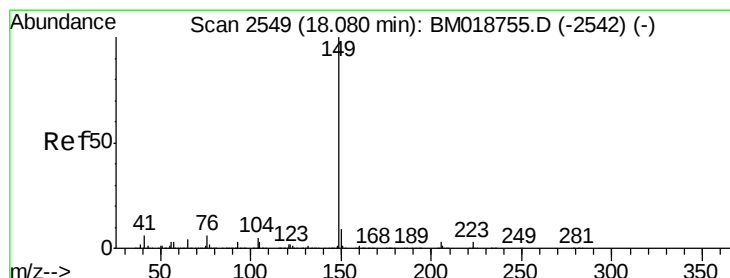
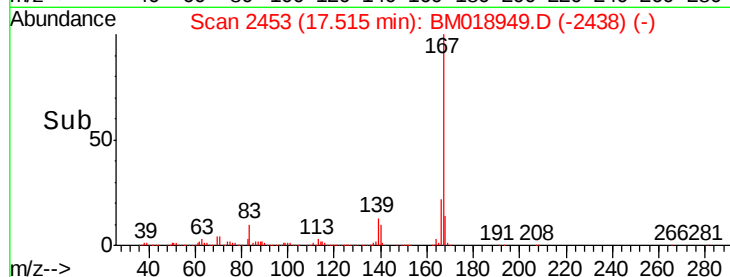
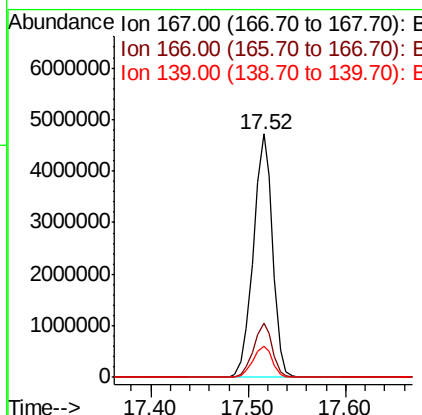
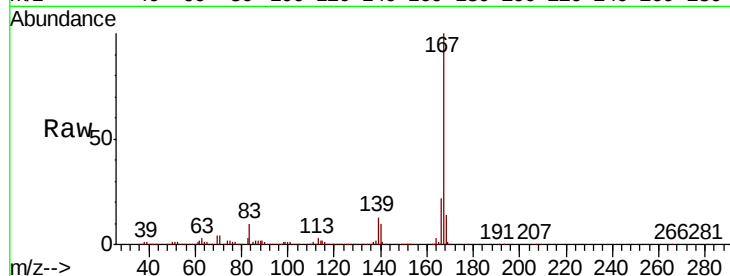




#73
 Carbazole
 Concen: 40.881 ng
 RT: 17.52 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

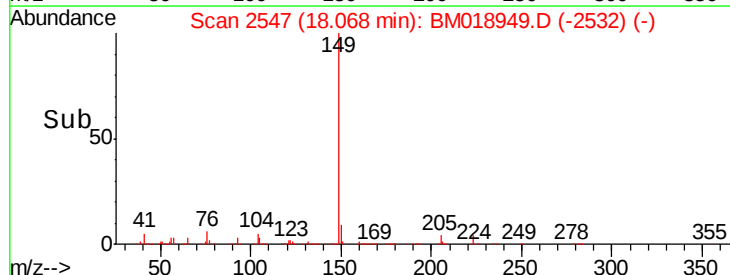
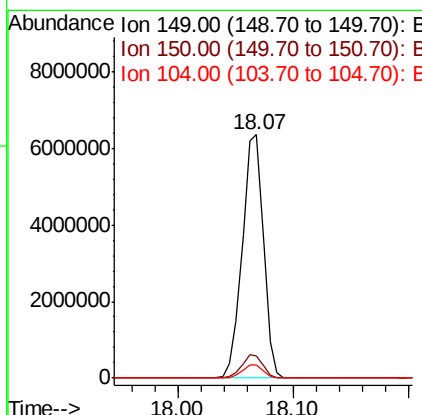
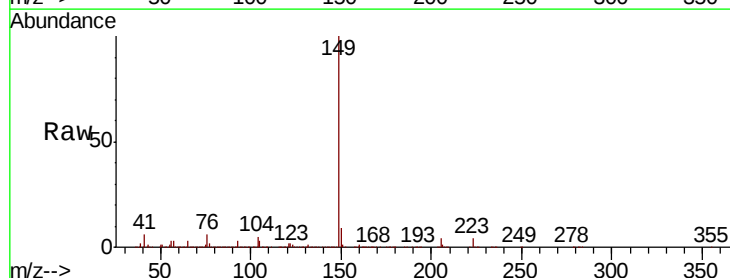
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

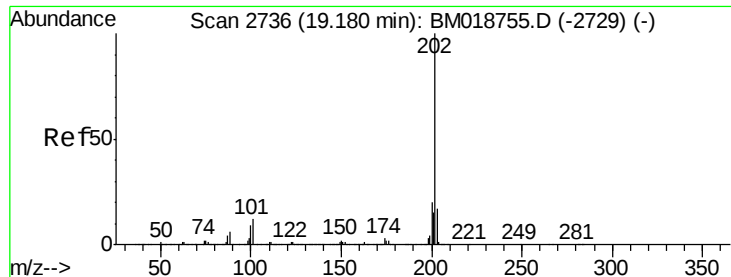
Tgt Ion:167 Resp: 6550904
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 13.0 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 43.760 ng
 RT: 18.07 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Tgt Ion:149 Resp: 8064498
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 44.770 ng

RT: 19.17 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

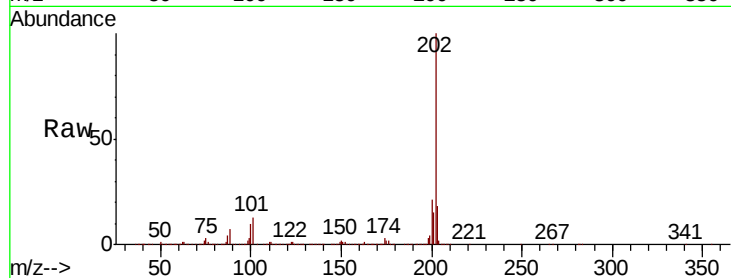
Tgt Ion:202 Resp: 8149295

Ion Ratio Lower Upper

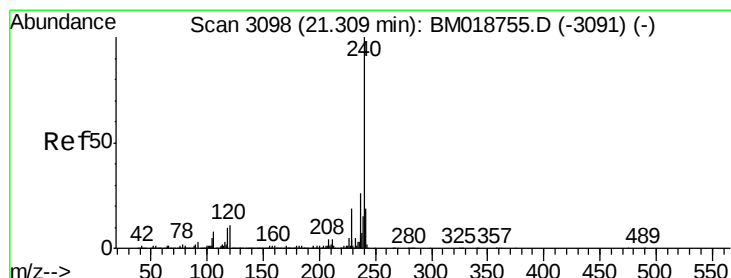
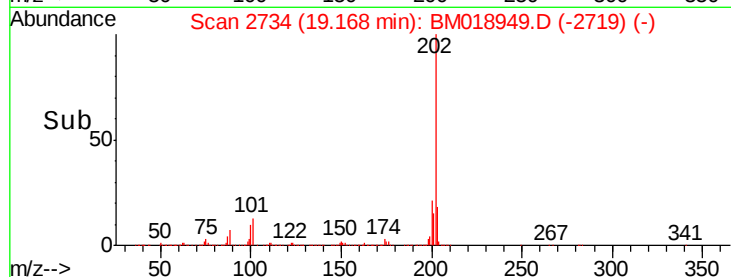
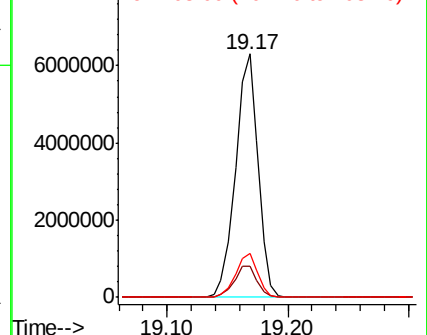
202 100

101 12.8 0.0 31.5

203 17.9 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: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

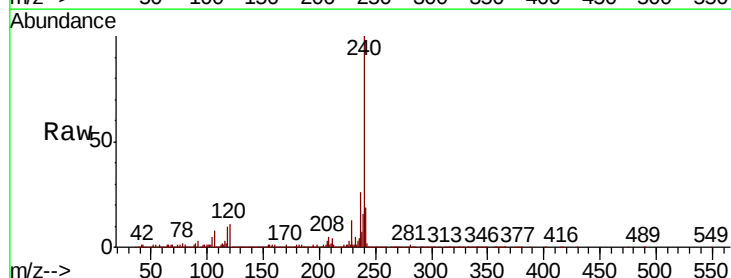
Tgt Ion:240 Resp: 3104686

Ion Ratio Lower Upper

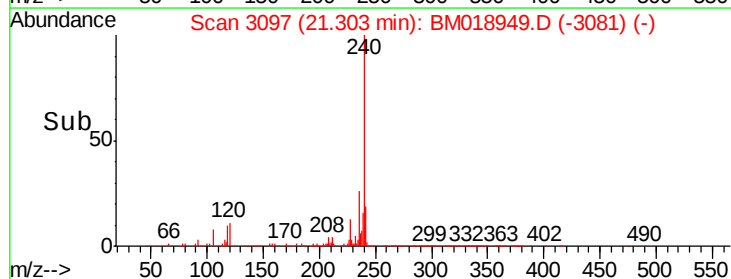
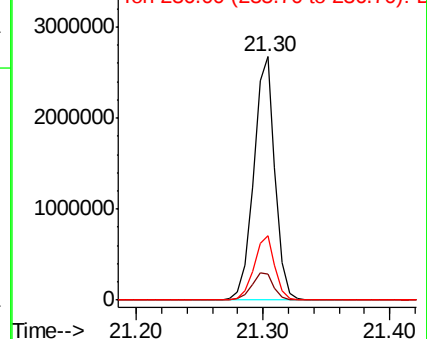
240 100

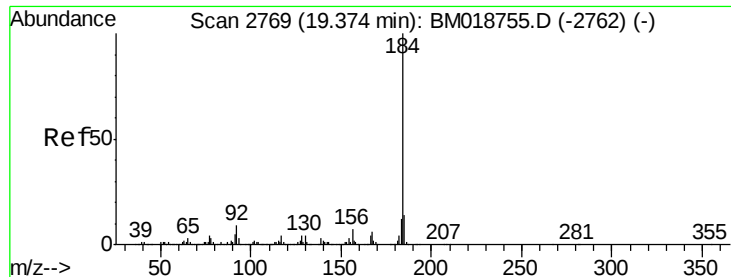
120 10.6 8.9 13.3

236 26.2 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: 78.556 ng

RT: 19.37 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

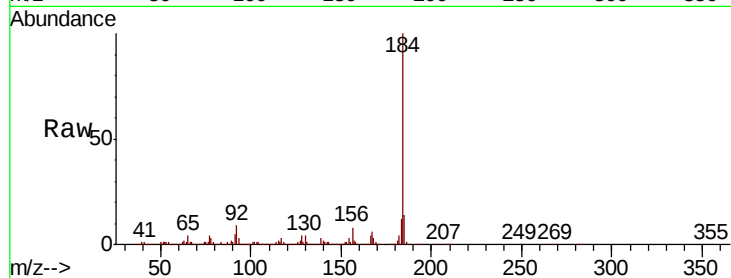
Tgt Ion:184 Resp: 5492756

Ion Ratio Lower Upper

184 100

185 14.2 11.2 16.8

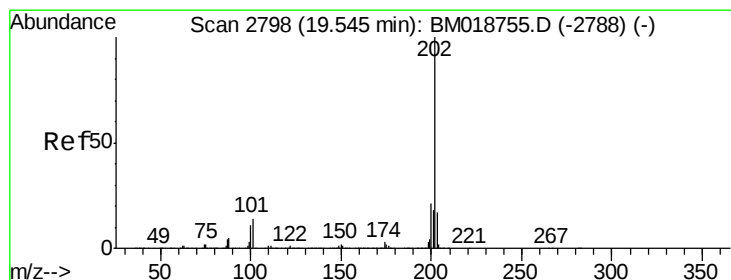
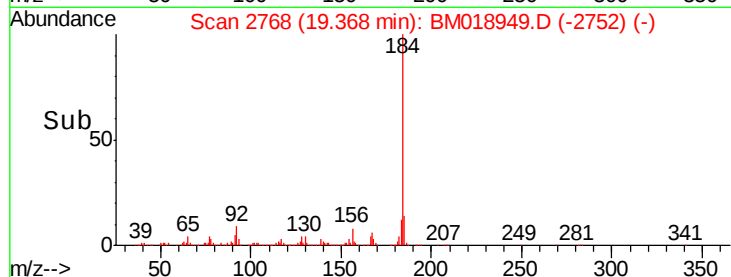
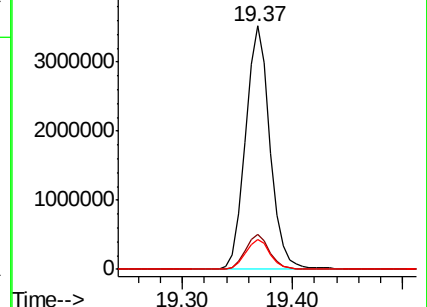
183 12.3 9.7 14.5



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: 46.312 ng

RT: 19.53 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

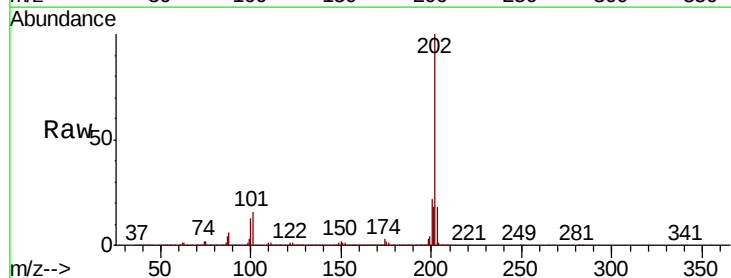
Tgt Ion:202 Resp: 8350859

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

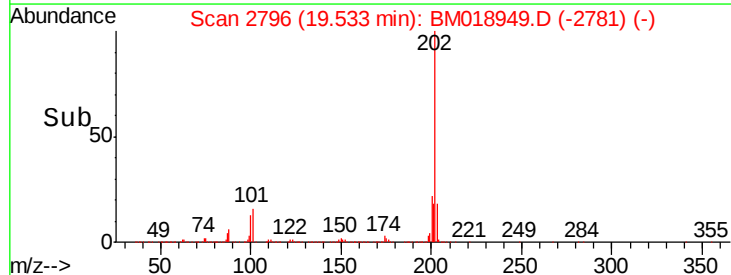
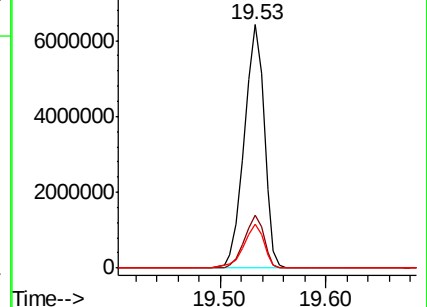
203 18.1 13.8 20.8

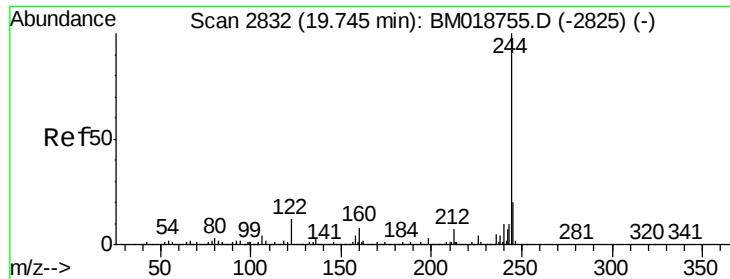


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.084 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

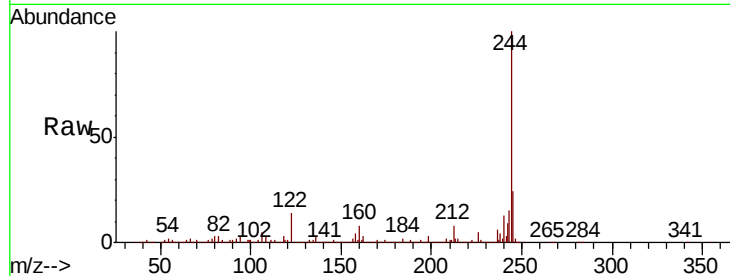
Tgt Ion:244 Resp:11751751

Ion Ratio Lower Upper

244 100

212 8.4 5.6 8.4

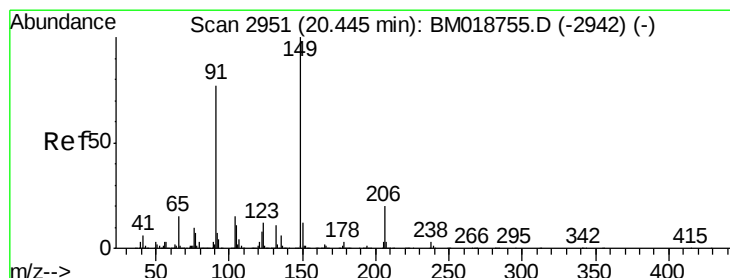
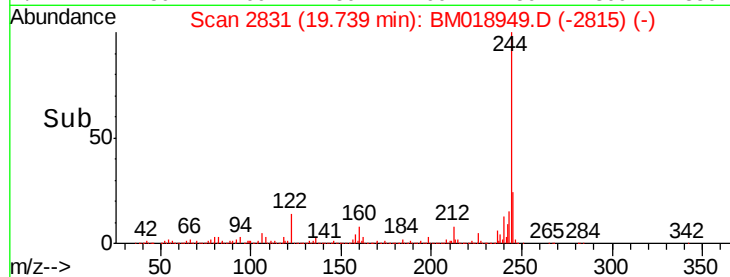
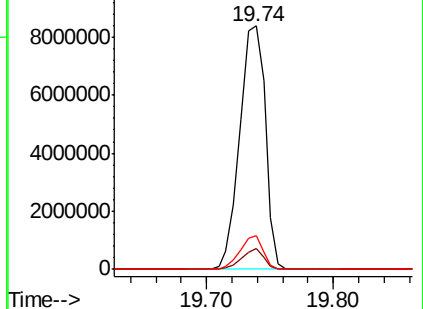
122 13.7 9.3 13.9



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: 49.250 ng

RT: 20.43 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

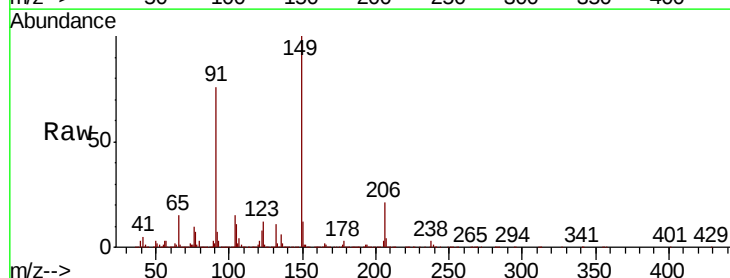
Tgt Ion:149 Resp: 4047216

Ion Ratio Lower Upper

149 100

91 76.0 61.4 92.0

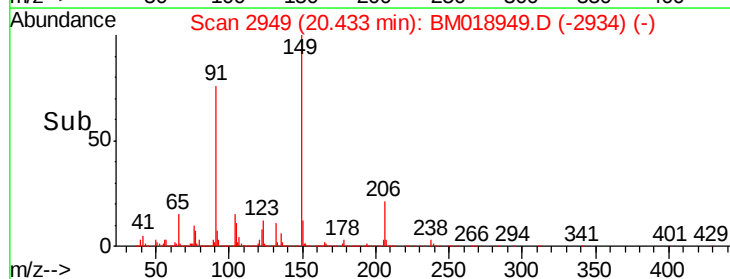
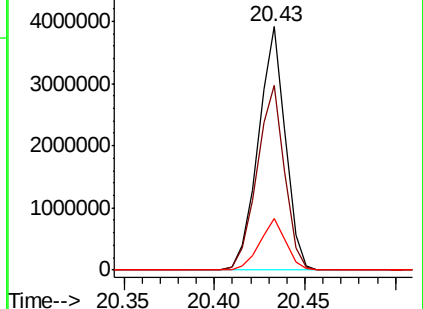
206 21.4 15.8 23.8

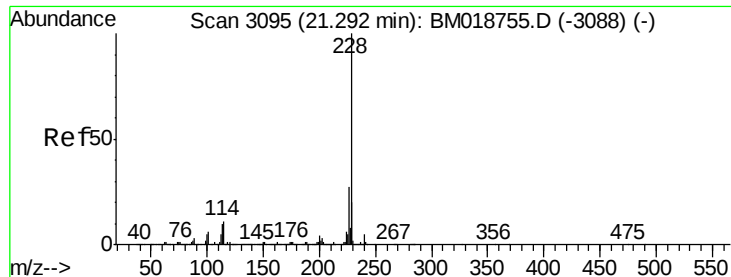


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

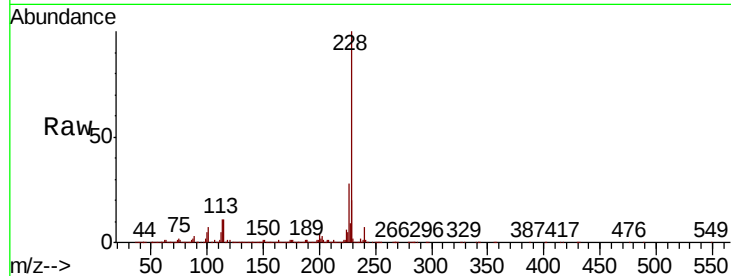




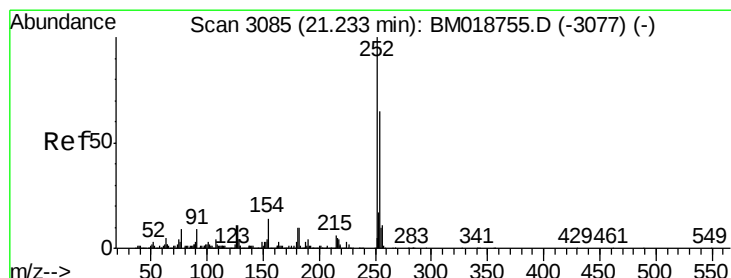
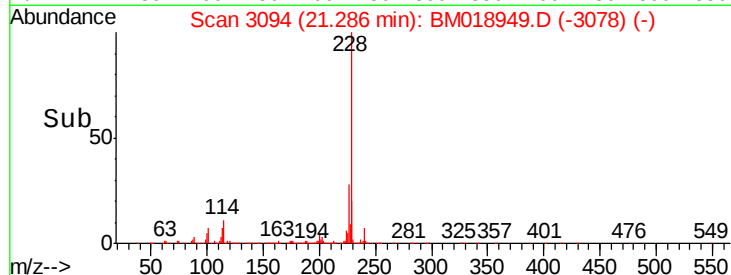
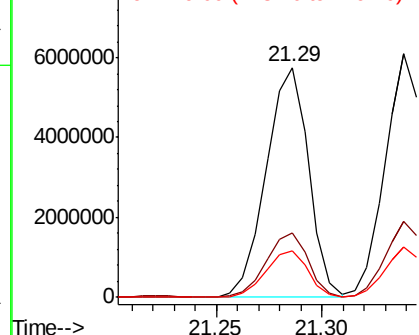
#81
Benzo(a)anthracene
Concen: 44.356 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tgt Ion:228 Resp: 8027554
Ion Ratio Lower Upper
228 100
226 28.0 21.9 32.9
229 20.3 15.9 23.9

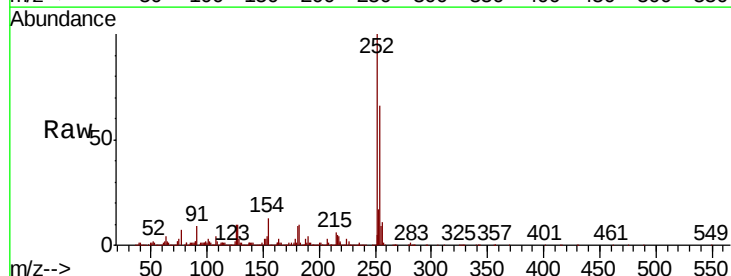


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

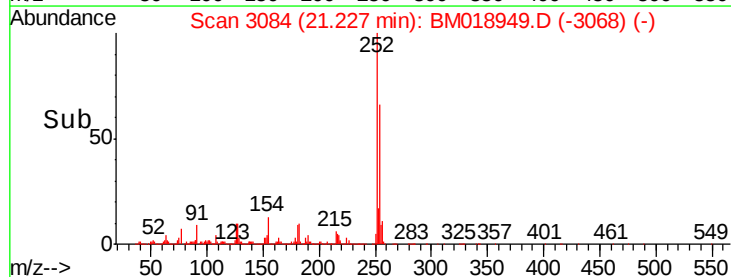
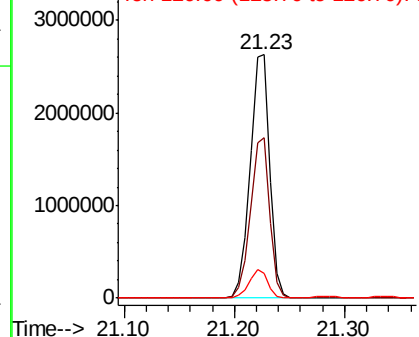


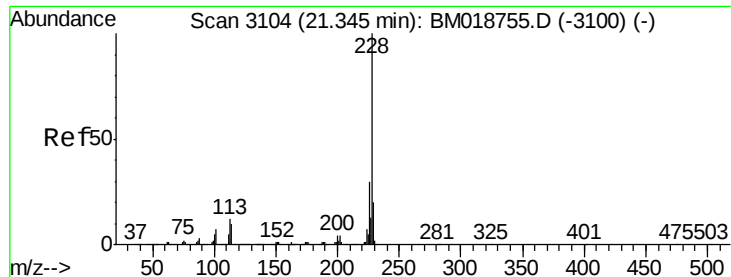
#82
3,3'-Dichlorobenzidine
Concen: 45.731 ng
RT: 21.23 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion:252 Resp: 3270940
Ion Ratio Lower Upper
252 100
254 66.1 51.8 77.8
126 10.4 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

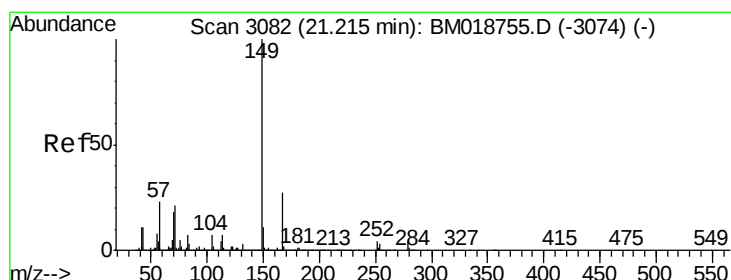
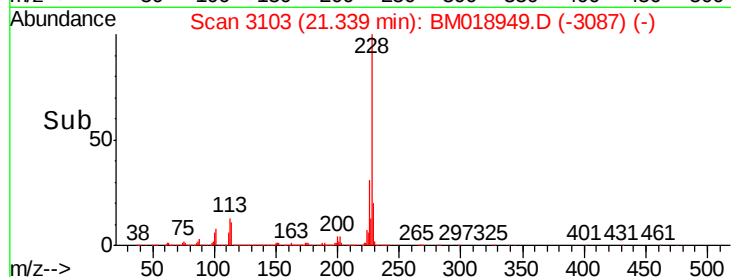
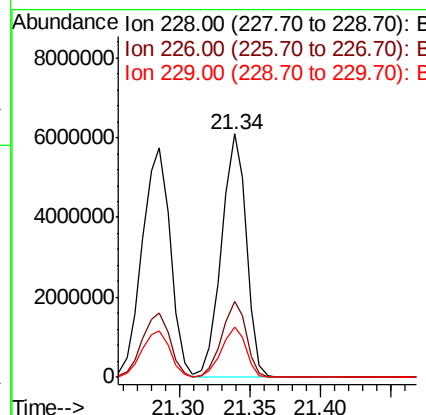
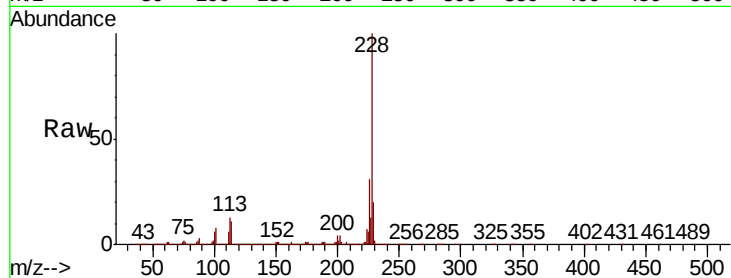




#83
 Chrysene
 Concen: 42.743 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

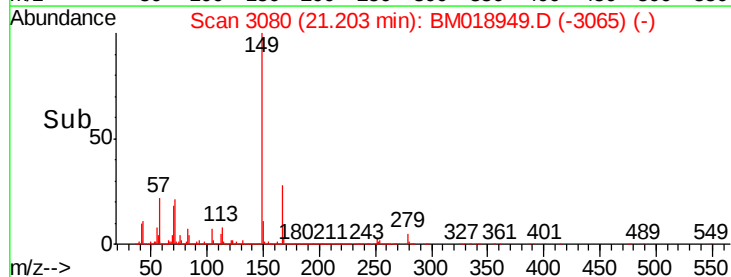
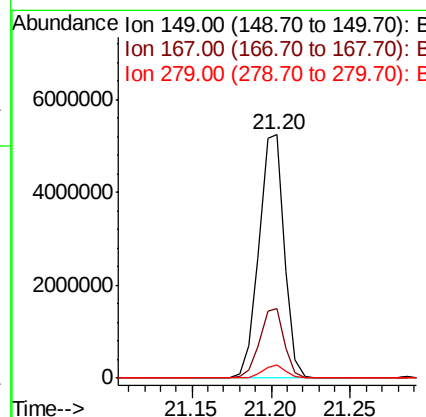
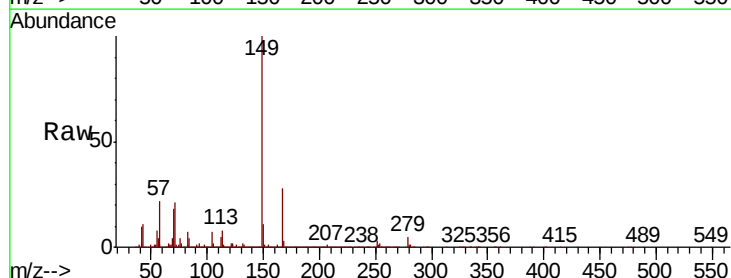
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

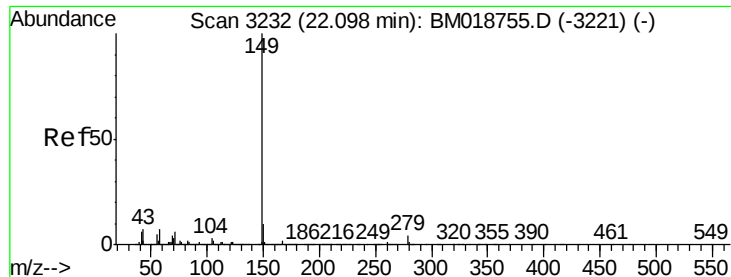
Tgt Ion: 228 Resp: 7414473
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.1 36.1
 229 20.5 16.0 24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.520 ng
 RT: 21.20 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Tgt Ion: 149 Resp: 5835804
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.8 32.6
 279 5.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 47.691 ng

RT: 22.09 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

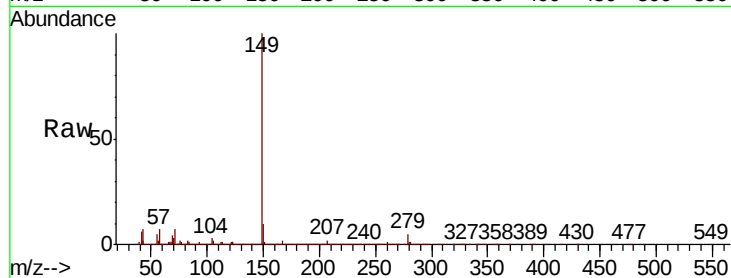
Tgt Ion:149 Resp: 9640706

Ion Ratio Lower Upper

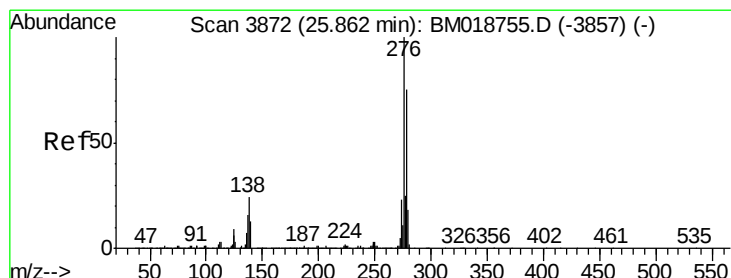
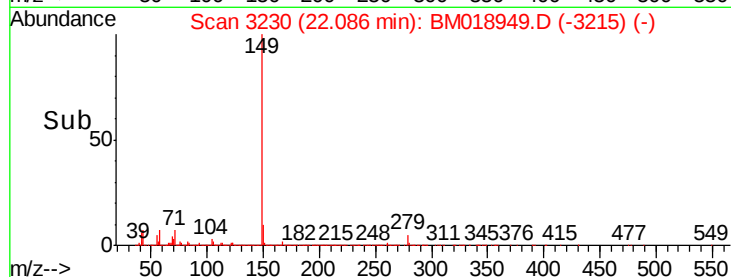
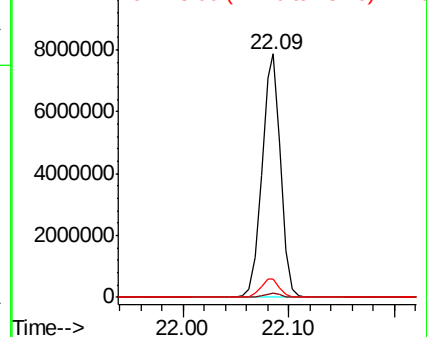
149 100

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: 35.242 ng

RT: 25.85 min Scan# 3870

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

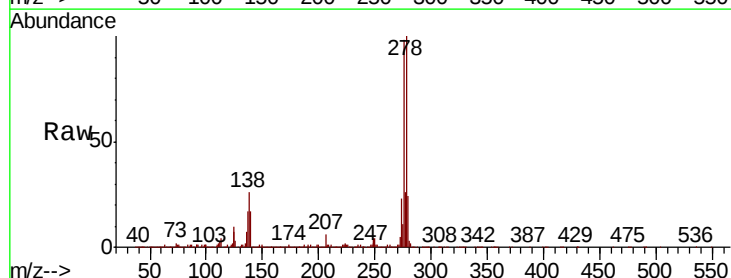
Tgt Ion:276 Resp: 7058040

Ion Ratio Lower Upper

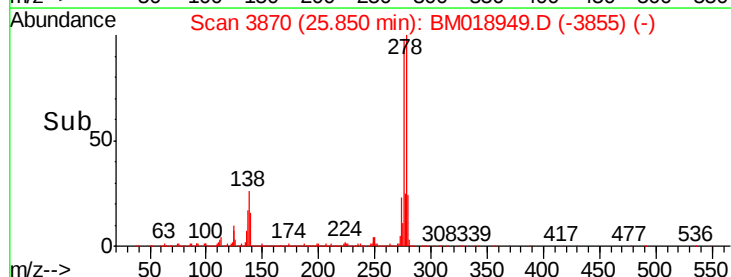
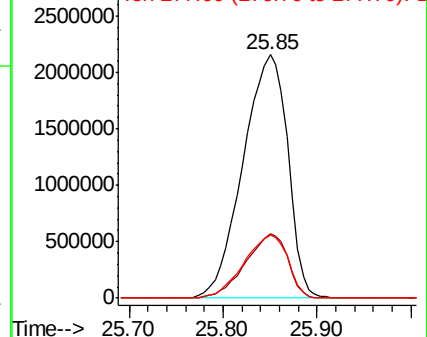
276 100

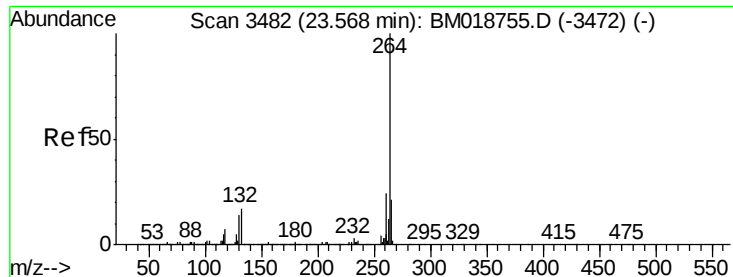
138 25.0 20.2 30.4

277 25.6 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: 23.55 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

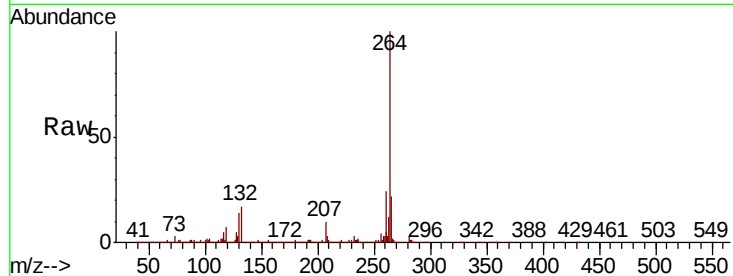
Tgt Ion:264 Resp: 2360403

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

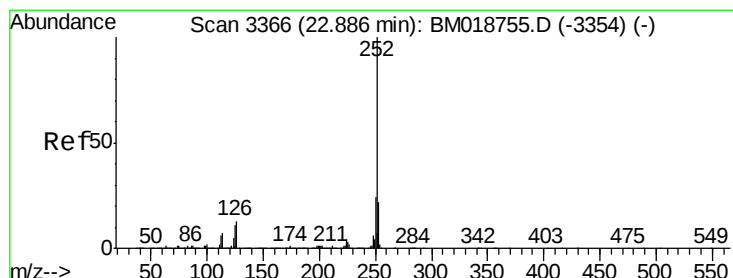
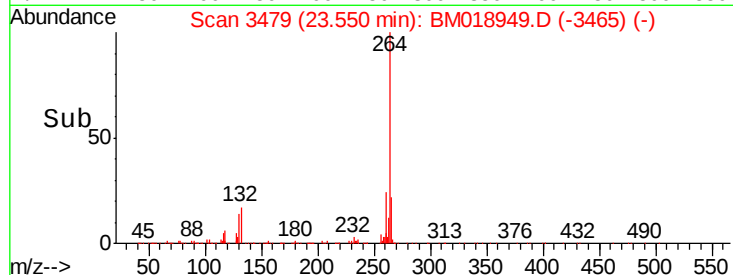
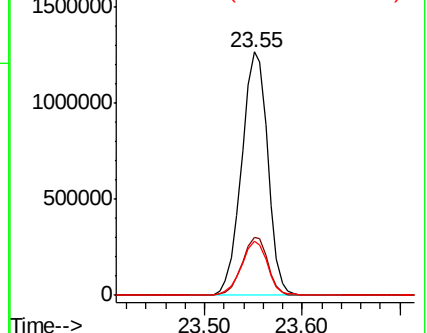
265 22.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.772 ng

RT: 22.87 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

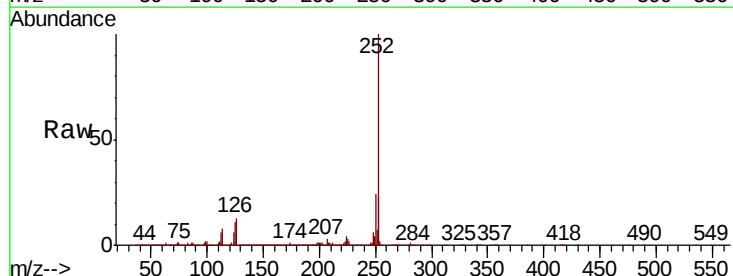
Tgt Ion:252 Resp: 7126718

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

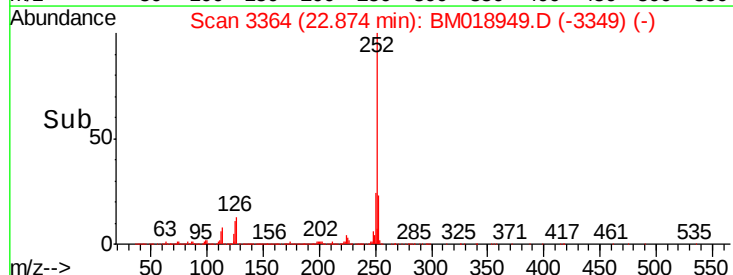
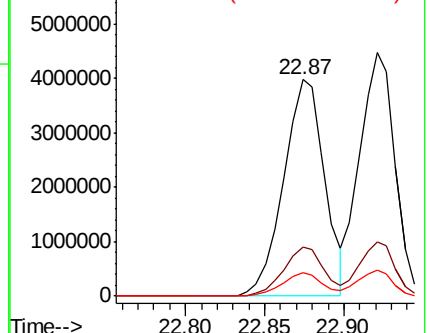
125 10.7 8.6 12.8

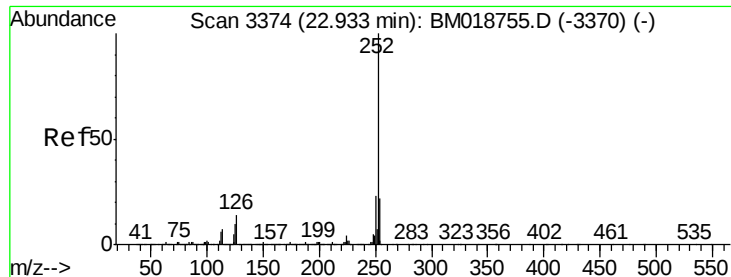


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 51.295 ng

RT: 22.92 min Scan# 3372

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

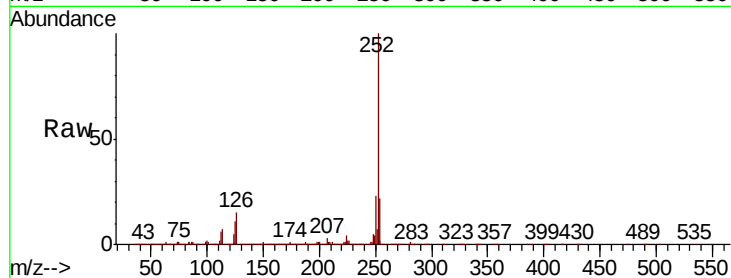
Tgt Ion:252 Resp: 6896485

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

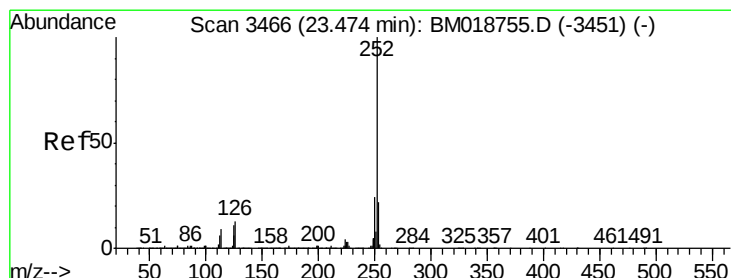
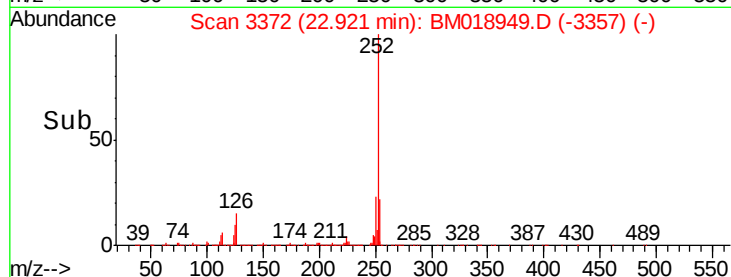
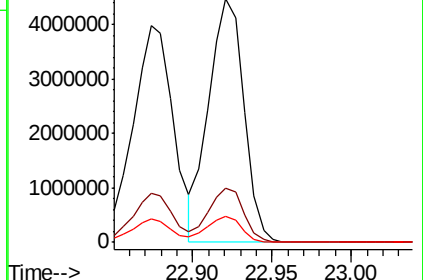
125 10.7 8.2 12.4



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: 50.969 ng

RT: 23.46 min Scan# 3463

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

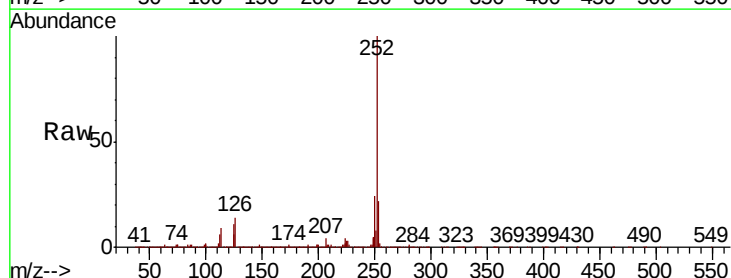
Tgt Ion:252 Resp: 6520676

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

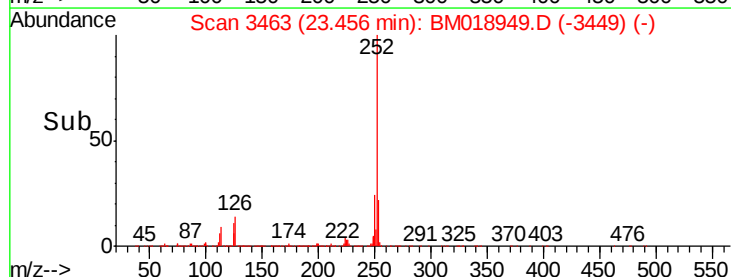
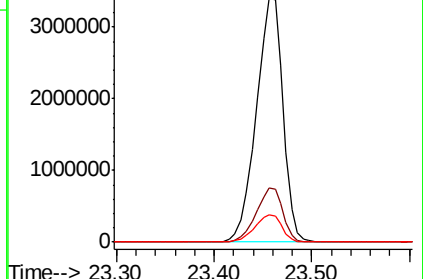
125 11.4 8.6 13.0

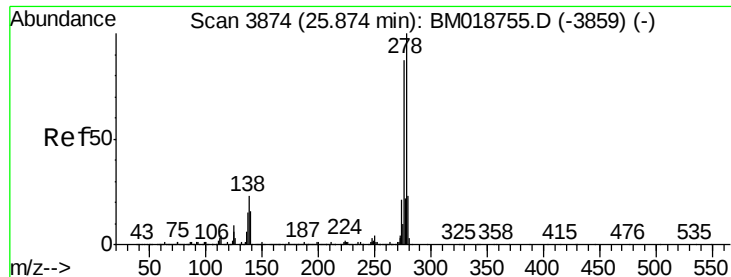


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.245 ng

RT: 25.86 min Scan# 3872

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

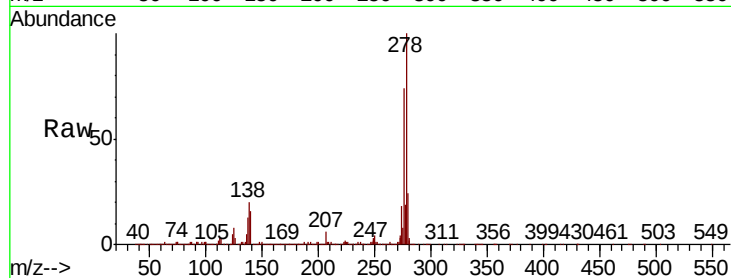
Tgt Ion:278 Resp: 6115007

Ion Ratio Lower Upper

278 100

139 15.6 12.6 18.8

279 23.9 18.6 28.0

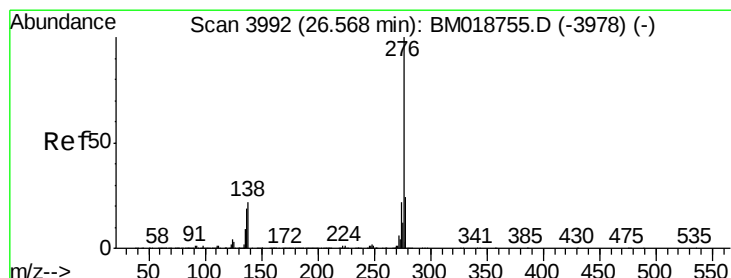
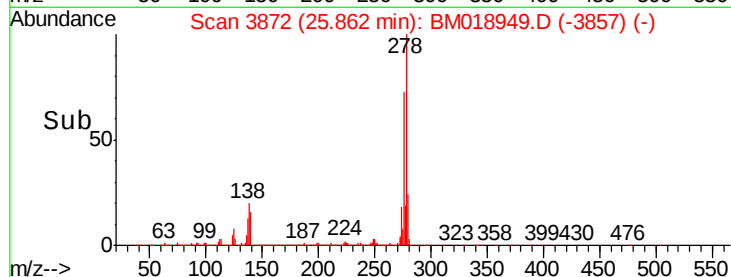
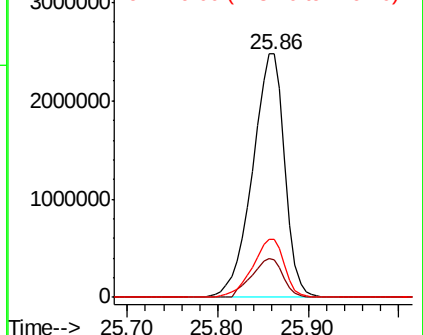


Abundance

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: 47.745 ng

RT: 26.55 min Scan# 3989

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

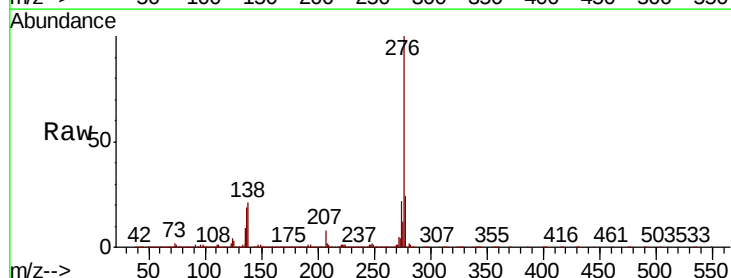
Tgt Ion:276 Resp: 5633884

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 21.4 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

