

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018261.D
 Acq On : 17 Dec 2018 23:43
 Operator : JU/SJ
 Sample : PB115777BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115777BSD

Quant Time: Dec 18 00:54:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	126880	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	450514	20.00	ng	-0.01
39) Acenaphthene-d10	14.15	164	208617	20.00	ng	-0.01
64) Phenanthrene-d10	16.91	188	370475	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	364349	20.00	ng	-0.01
87) Perylene-d12	23.29	264	447291	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	652136	85.86	ng	0.00
7) Phenol-d6	6.69	99	825557	78.20	ng	-0.01
23) Nitrobenzene-d5	8.65	82	797224	90.77	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	216138	70.59	ng	-0.01
45) 2-Fluorobiphenyl	12.76	172	1510989	93.81	ng	-0.01
79) Terphenyl-d14	19.57	244	1248634	77.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	104010	34.569	ng	96
3) Pyridine	3.50	79	310650	35.096	ng	99
4) n-Nitrosodimethylamine	3.43	42	132858	43.608	ng	94
6) Aniline	6.84	93	198582	14.995	ng	100
8) 2-Chlorophenol	7.06	128	336527	37.500	ng	98
9) Benzaldehyde	6.66	77	104925	16.306	ng	97
10) Phenol	6.72	94	410368	36.704	ng	99
11) bis(2-Chloroethyl)ether	6.94	93	309649	34.848	ng	100
12) 1,3-Dichlorobenzene	7.38	146	358016	35.726	ng	97
13) 1,4-Dichlorobenzene	7.53	146	369212	36.282	ng	99
14) 1,2-Dichlorobenzene	7.83	146	354366	36.124	ng	98
15) Benzyl Alcohol	7.75	79	291237	33.856	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.03	45	259927	32.506	ng	95
17) 2-Methylphenol	7.95	107	267873	35.882	ng	96
18) Hexachloroethane	8.54	117	135044	36.206	ng	95
19) n-Nitroso-di-n-propylamine	8.30	70	257229	32.633	ng	98
20) 3+4-Methylphenols	8.27	107	349808	33.440	ng	99
22) Acetophenone	8.32	105	486377	40.796	ng	99
24) Nitrobenzene	8.69	77	376037	42.848	ng	96
25) Isophorone	9.21	82	636822	43.550	ng	99
26) 2-Nitrophenol	9.39	139	169446	39.366	ng	94
27) 2,4-Dimethylphenol	9.46	122	276379	44.552	ng	98
28) bis(2-Chloroethoxy)methane	9.70	93	395906	41.536	ng	100
29) 2,4-Dichlorophenol	9.93	162	272238	39.580	ng	99
30) 1,2,4-Trichlorobenzene	10.13	180	316380	40.439	ng	93
31) Naphthalene	10.30	128	943656	42.837	ng	100
32) Benzoic acid	9.63	122	149847	25.509	ng	96
33) 4-Chloroaniline	10.45	127	52300	5.420	ng	97
34) Hexachlorobutadiene	10.57	225	197901	39.995	ng	97
35) Caprolactam	11.24	113	69289	26.437	ng	95
36) 4-Chloro-3-methylphenol	11.58	107	283479	34.300	ng	97
37) 2-Methylnaphthalene	11.93	142	645216	41.532	ng	98
38) 1-Methylnaphthalene	12.16	142	611561	40.343	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.31	216	324808	45.277	ng	98

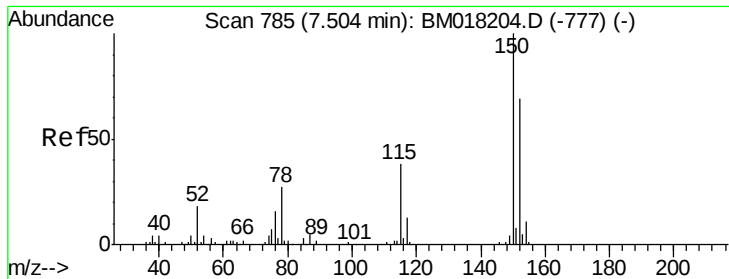
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018261.D
 Acq On : 17 Dec 2018 23:43
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 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	307435	96.056	ng	97
43) 2,4,6-Trichlorophenol	12.57	196	200302	43.412	ng	93
44) 2,4,5-Trichlorophenol	12.65	196	201665	41.170	ng	94
46) 1,1'-Biphenyl	12.97	154	777225	41.412	ng	99
47) 2-Chloronaphthalene	13.01	162	590383	42.739	ng	98
48) 2-Nitroaniline	13.25	65	166597	39.151	ng	96
49) Acenaphthylene	13.87	152	920153	44.203	ng	100
50) Dimethylphthalate	13.63	163	679116	39.156	ng	99
51) 2,6-Dinitrotoluene	13.75	165	146238	38.355	ng	90
52) Acenaphthene	14.22	154	522024	41.034	ng	99
53) 3-Nitroaniline	14.09	138	58323	14.536	ng	# 84
54) 2,4-Dinitrophenol	14.31	184	122675	58.327	ng	97
55) Dibenzofuran	14.56	168	814013	39.821	ng	100
56) 4-Nitrophenol	14.42	139	191669	63.006	ng	97
57) 2,4-Dinitrotoluene	14.56	165	194392	36.886	ng	# 91
58) Fluorene	15.21	166	642978	40.726	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.79	232	163666	37.100	ng	# 96
60) Diethylphthalate	15.00	149	659540	35.238	ng	99
61) 4-Chlorophenyl-phenylether	15.21	204	331338	37.108	ng	98
62) 4-Nitroaniline	15.26	138	106908	28.081	ng	88
63) Azobenzene	15.50	77	670020	39.259	ng	98
65) 4,6-Dinitro-2-methylphenol	15.32	198	82273	30.166	ng	92
66) n-Nitrosodiphenylamine	15.43	169	538159	43.928	ng	98
67) 4-Bromophenyl-phenylether	16.11	248	188267	41.960	ng	97
68) Hexachlorobenzene	16.22	284	206394	41.989	ng	98
69) Atrazine	16.40	200	178224	43.092	ng	99
70) Pentachlorophenol	16.57	266	217933	67.133	ng	99
71) Phenanthrene	16.96	178	852515	42.364	ng	100
72) Anthracene	17.04	178	878394	43.999	ng	100
73) Carbazole	17.33	167	733606	35.802	ng	99
74) Di-n-butylphthalate	17.90	149	954657	37.759	ng	99
75) Fluoranthene	18.99	202	886903	37.908	ng	99
77) Benzidine	19.20	184	357953	38.743	ng	100
78) Pyrene	19.35	202	901966	41.547	ng	99
80) Butylbenzylphthalate	20.27	149	379714	36.766	ng	95
81) Benzo(a)anthracene	21.12	228	916451	43.059	ng	100
82) 3,3'-Dichlorobenzidine	21.06	252	279176	32.833	ng	95
83) Chrysene	21.17	228	872009	42.596	ng	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	565376	36.731	ng	98
85) Di-n-octyl phthalate	21.92	149	995040	39.472	ng	100
86) Indeno(1,2,3-cd)pyrene	25.43	276	1398862	68.598	ng	99
88) Benzo(b)fluoranthene	22.65	252	1071062	42.629	ng	99
89) Benzo(k)fluoranthene	22.70	252	1011893	40.439	ng	99
90) Benzo(a)pyrene	23.20	252	1054810	44.141	ng	100
91) Dibenzo(a,h)anthracene	25.43	278	1187966	53.667	ng	99
92) Benzo(g,h,i)perylene	26.07	276	1172712	56.045	ng	99

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

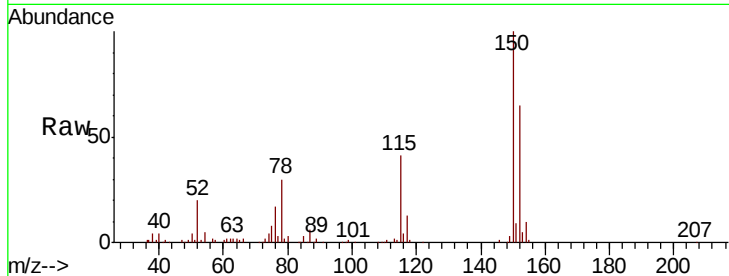


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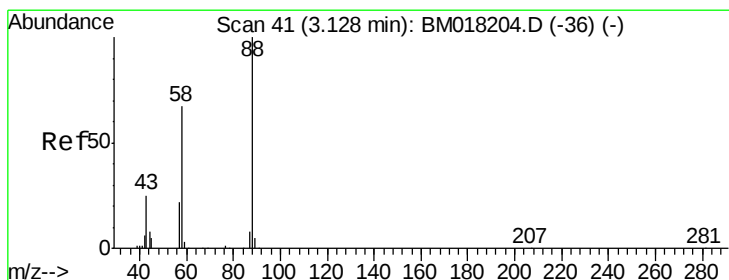
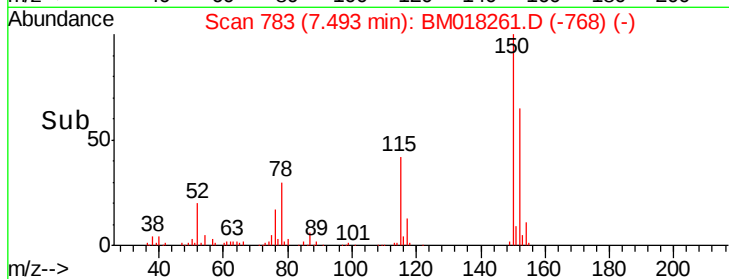
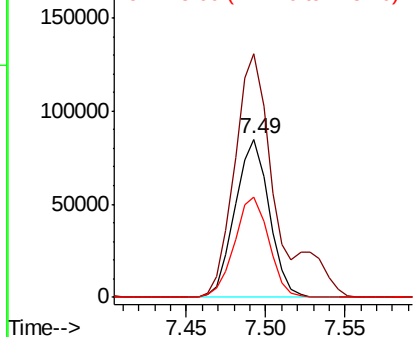
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.49 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

Instrument :
 BNA_M
 ClientSampleId :
 PB115777BSD

Tgt Ion:152 Resp: 126880
 Ion Ratio Lower Upper
 152 100
 150 154.0 116.1 174.1
 115 63.4 44.6 67.0



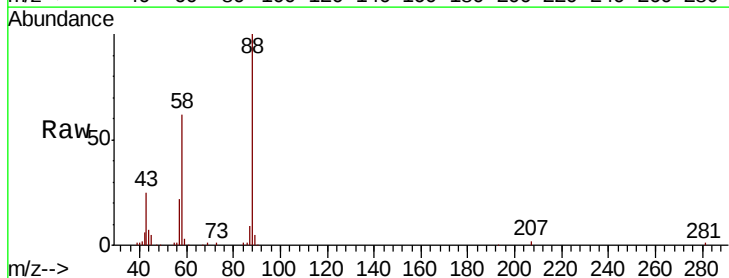
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



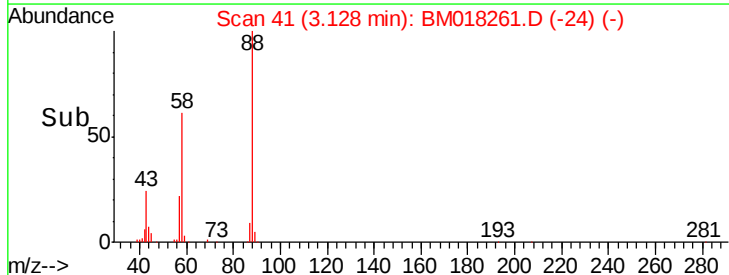
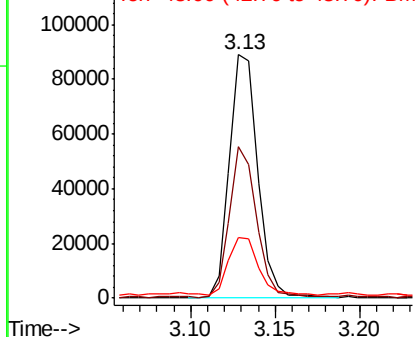
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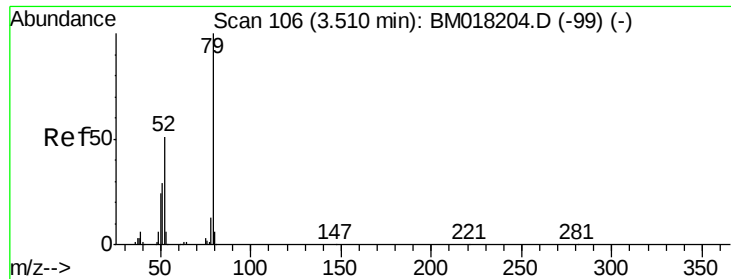
1,4-Dioxane
 Concen: 34.569 ng
 RT: 3.13 min Scan# 41
 Delta R.T. 0.00 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

Tgt Ion: 88 Resp: 104010
 Ion Ratio Lower Upper
 88 100
 58 58.5 49.8 74.6
 43 24.2 19.1 28.7



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

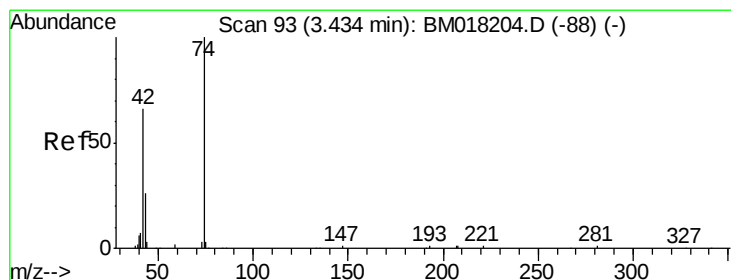
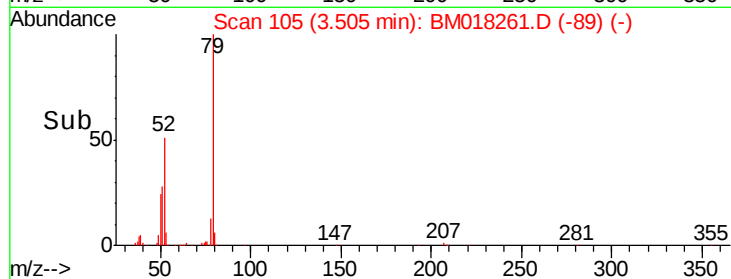
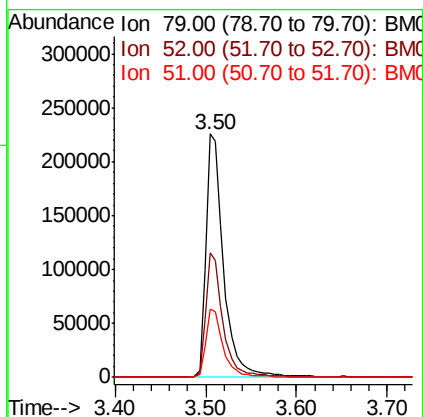
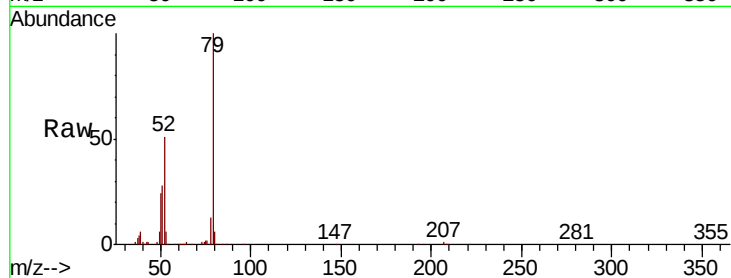




#3
 Pyridine
 Concen: 35.096 ng
 RT: 3.50 min Scan# 105
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

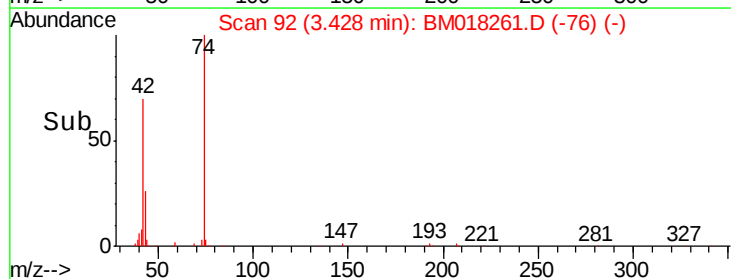
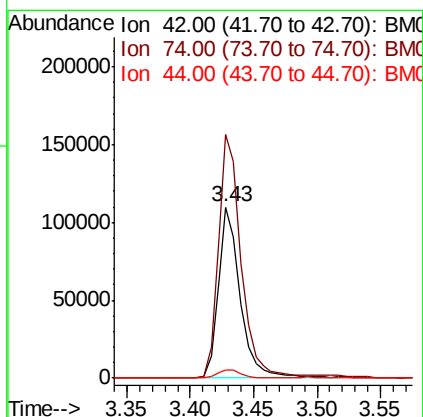
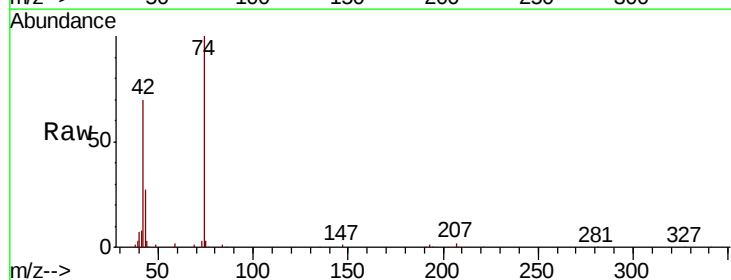
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BSD

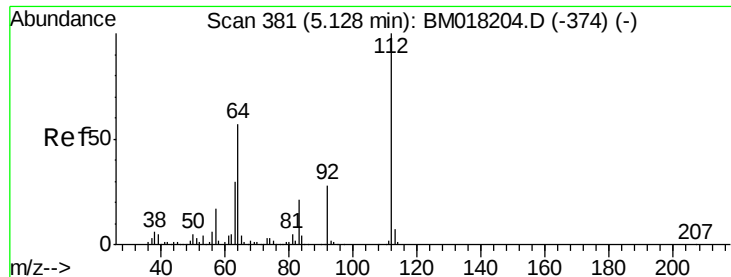
Tgt Ion: 79 Resp: 310650
 Ion Ratio Lower Upper
 79 100
 52 50.9 40.7 61.1
 51 28.0 23.0 34.6



#4
 n-Nitrosodimethylamine
 Concen: 43.608 ng
 RT: 3.43 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

Tgt Ion: 42 Resp: 132858
 Ion Ratio Lower Upper
 42 100
 74 142.2 120.4 180.6
 44 5.0 4.6 7.0





#5

2-Fluorophenol

Concen: 85.859 ng

RT: 5.13 min Scan# 381

Delta R.T. 0.00 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

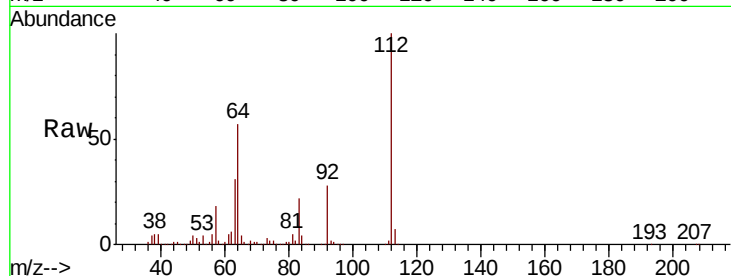
Tgt Ion: 112 Resp: 652136

Ion Ratio Lower Upper

112 100

64 57.3 45.4 68.2

63 31.3 24.0 36.0

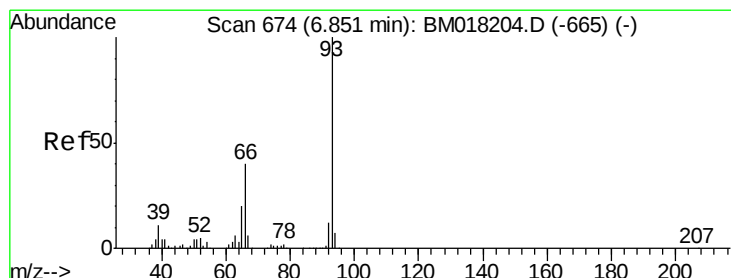
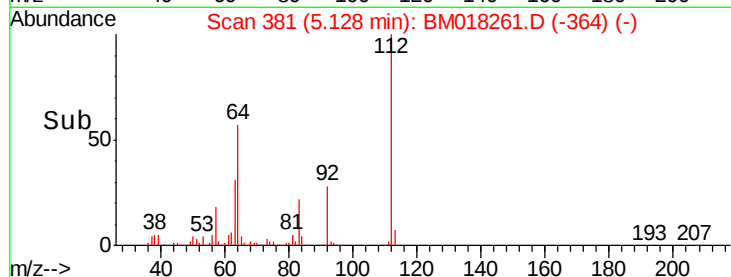
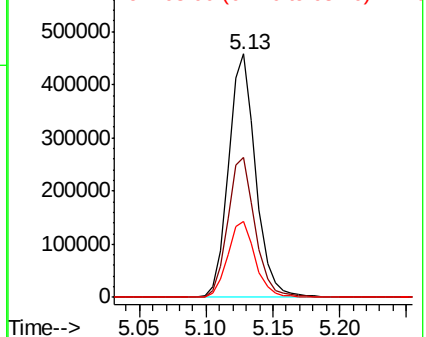


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 14.995 ng

RT: 6.84 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

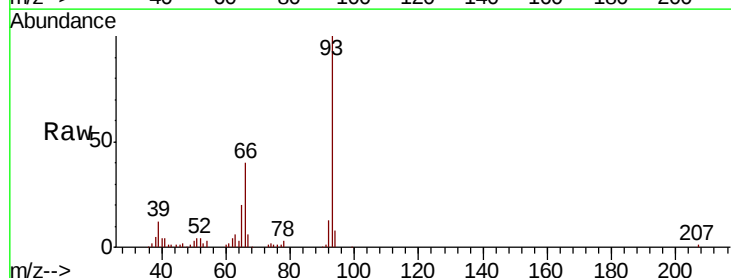
Tgt Ion: 93 Resp: 198582

Ion Ratio Lower Upper

93 100

66 40.1 32.3 48.5

65 20.3 16.2 24.4

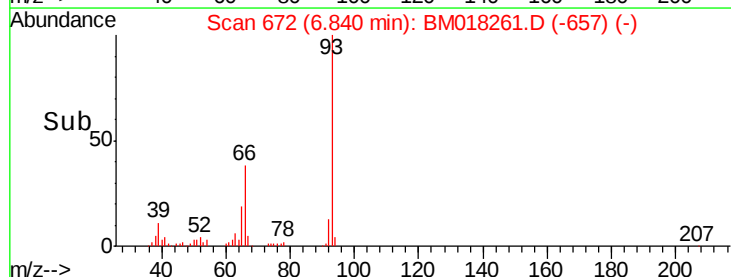
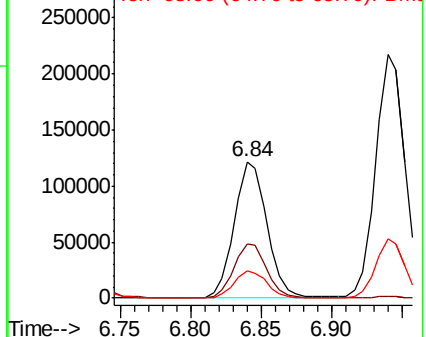


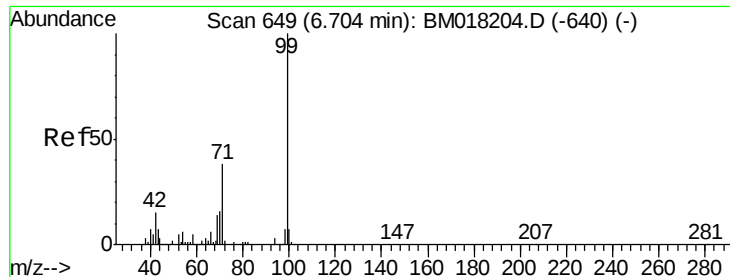
Abundance

Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 78.200 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

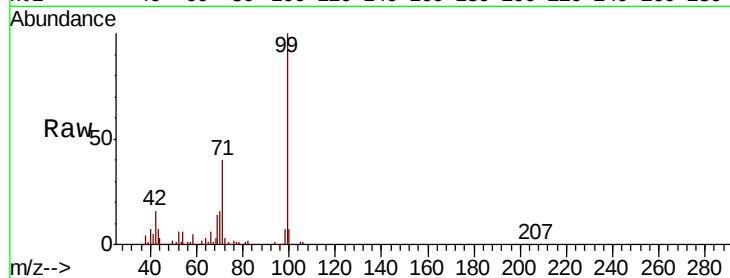
Tgt Ion: 99 Resp: 825557

Ion Ratio Lower Upper

99 100

42 16.0 12.3 18.5

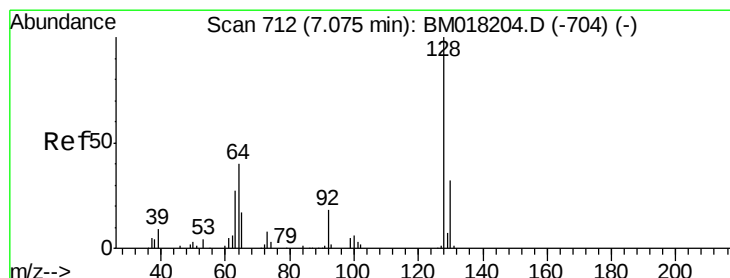
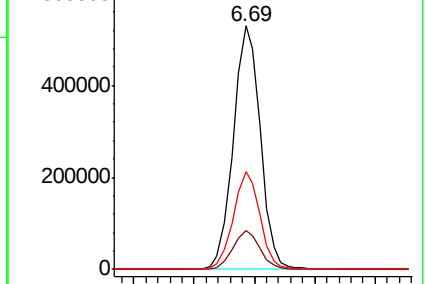
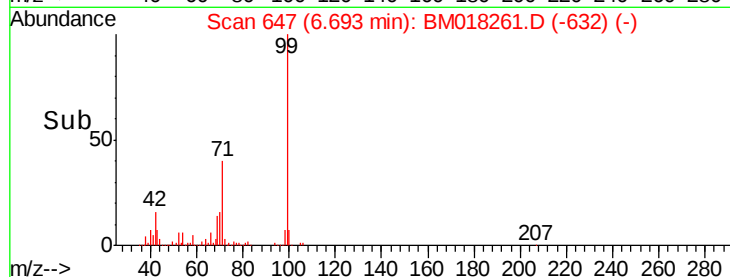
71 40.2 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018261.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018261.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018261.D (-632) (-)



#8

2-Chlorophenol

Concen: 37.500 ng

RT: 7.06 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

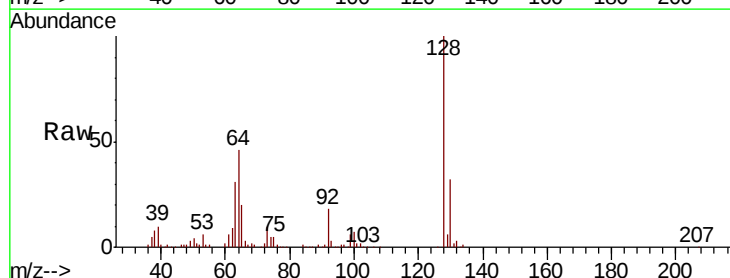
Tgt Ion: 128 Resp: 336527

Ion Ratio Lower Upper

128 100

130 31.6 12.3 52.3

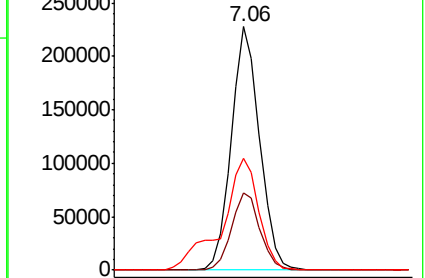
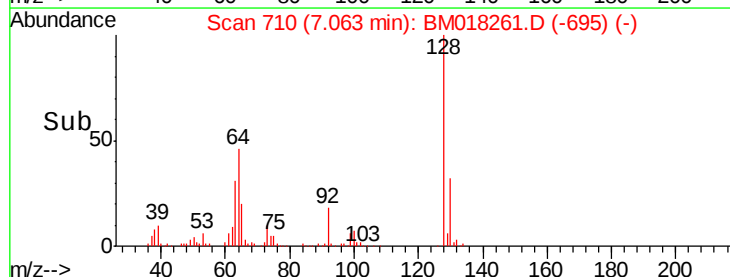
64 46.0 24.1 64.1

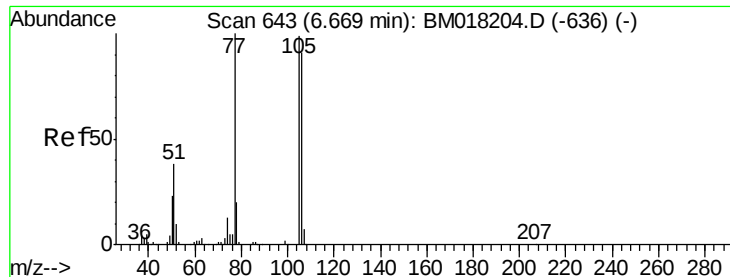


Abundance Ion 128.00 (127.70 to 128.70): BM018261.D (-695) (-)

Ion 130.00 (129.70 to 130.70): BM018261.D (-695) (-)

Ion 64.00 (63.70 to 64.70): BM018261.D (-695) (-)





#9

Benzaldehyde

Concen: 16.306 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

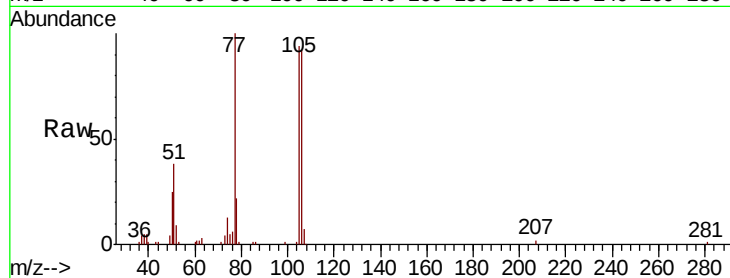
Tgt Ion: 77 Resp: 104925

Ion Ratio Lower Upper

77 100

105 94.0 78.8 118.8

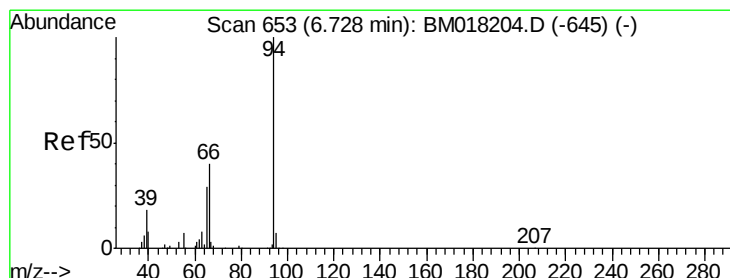
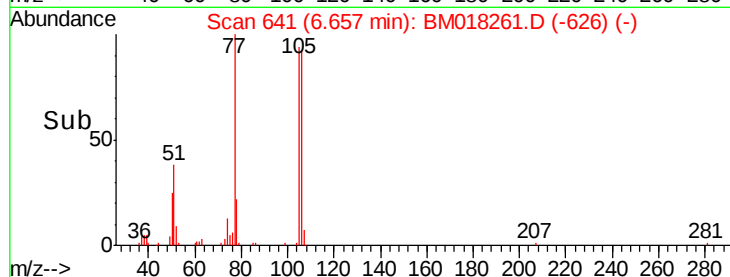
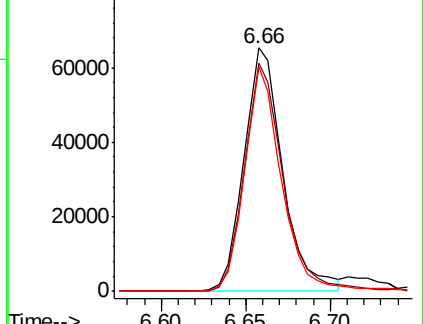
106 92.1 70.7 110.7



Abundance Ion 77.00 (76.70 to 77.70): BM018204.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM018204.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM018204.D (-636) (-)



#10

Phenol

Concen: 36.704 ng

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

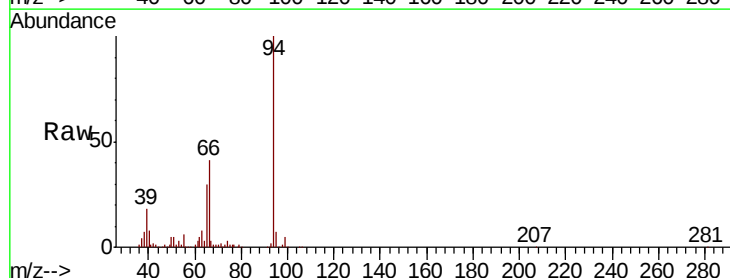
Tgt Ion: 94 Resp: 410368

Ion Ratio Lower Upper

94 100

65 29.6 9.5 49.5

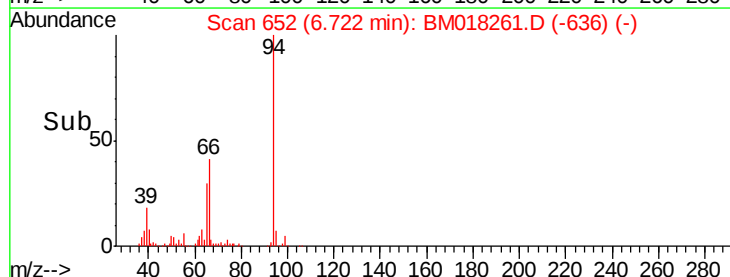
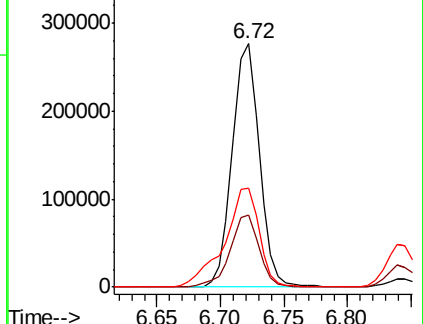
66 40.6 21.3 61.3

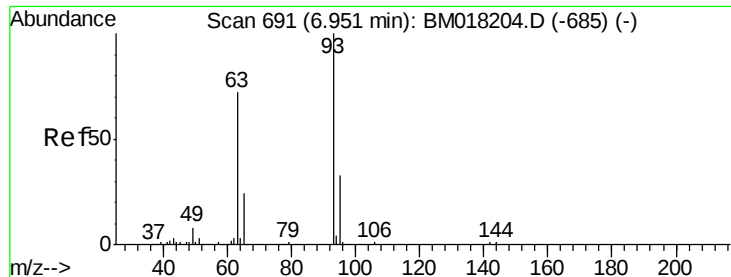


Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)

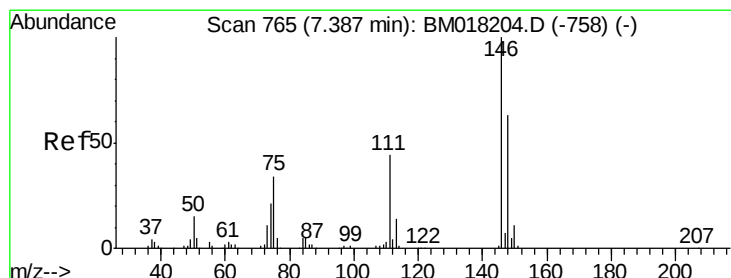
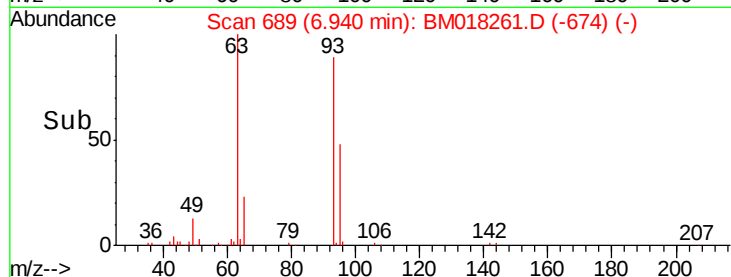
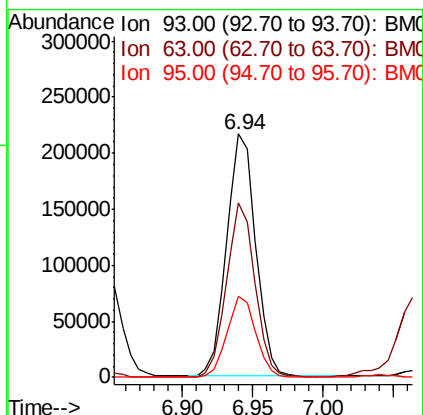
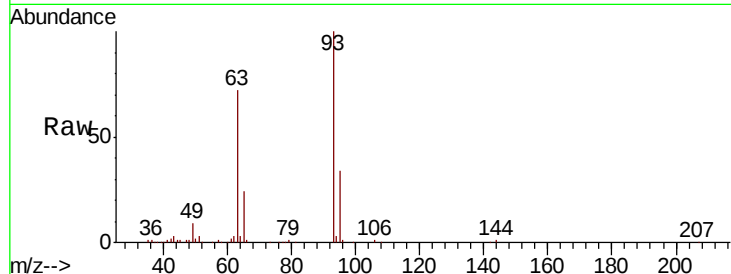




#11
 bis(2-Chloroethyl)ether
 Concen: 34.848 ng
 RT: 6.94 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

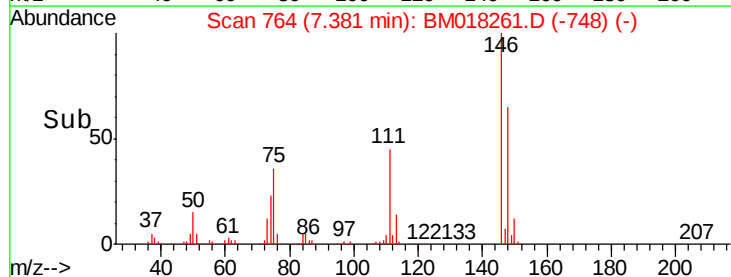
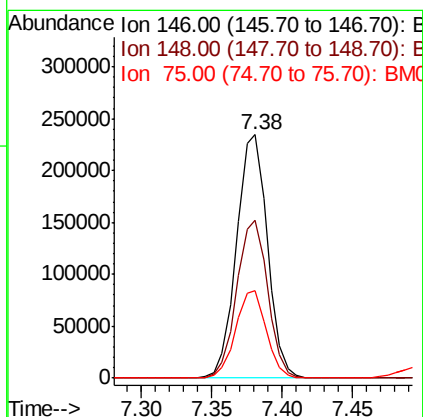
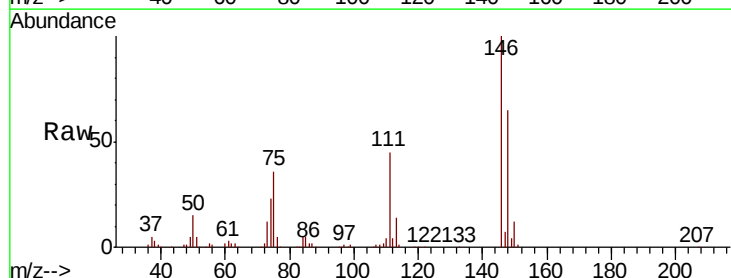
Instrument :
 BNA_M
 ClientSampleID :
 PB115777BSD

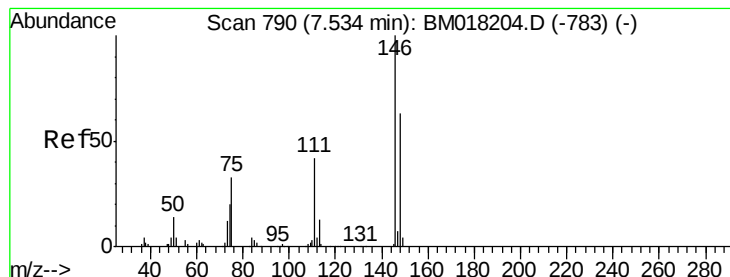
Tgt Ion: 93 Resp: 309649
 Ion Ratio Lower Upper
 93 100
 63 71.8 51.7 91.7
 95 33.5 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 35.726 ng
 RT: 7.38 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

Tgt Ion: 146 Resp: 358016
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.6 76.0
 75 36.1 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 36.282 ng

RT: 7.53 min Scan# 789

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

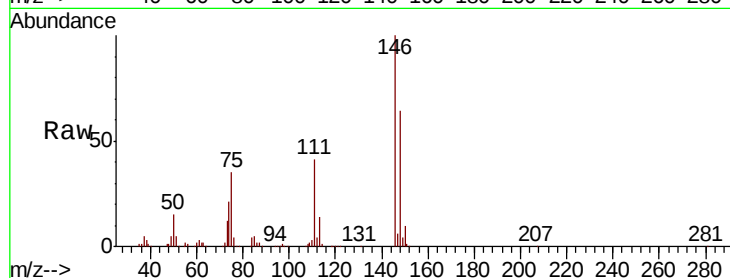
Tgt Ion:146 Resp: 369212

Ion Ratio Lower Upper

146 100

148 63.5 50.7 76.1

111 41.1 34.2 51.2

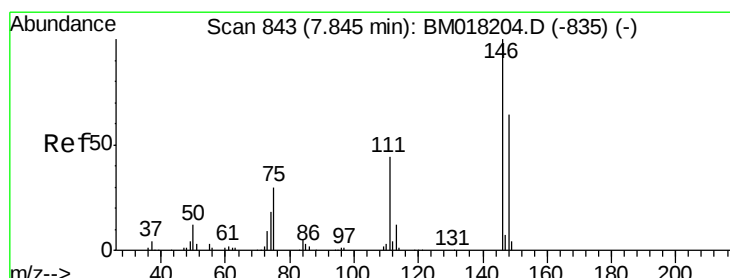
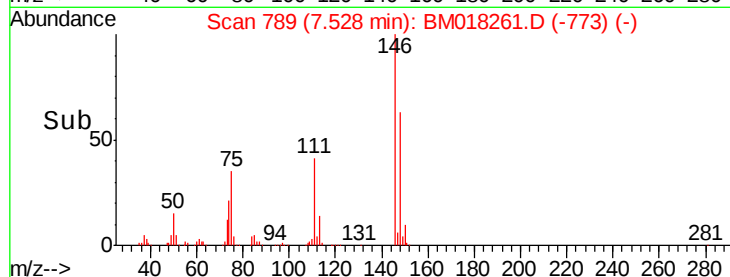
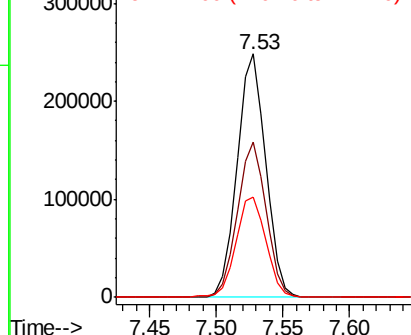


Abundance

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: 36.124 ng

RT: 7.83 min Scan# 841

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

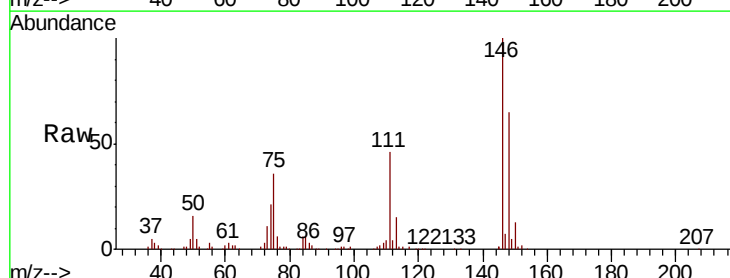
Tgt Ion:146 Resp: 354366

Ion Ratio Lower Upper

146 100

148 65.2 51.3 76.9

111 46.1 35.8 53.8

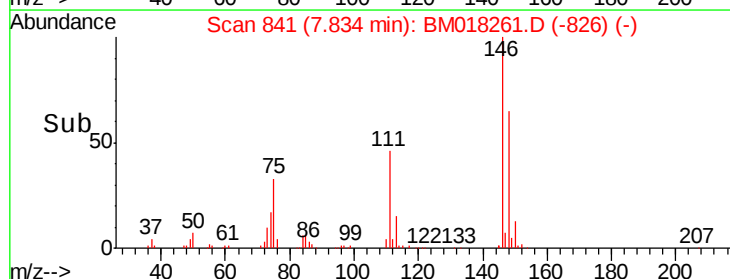
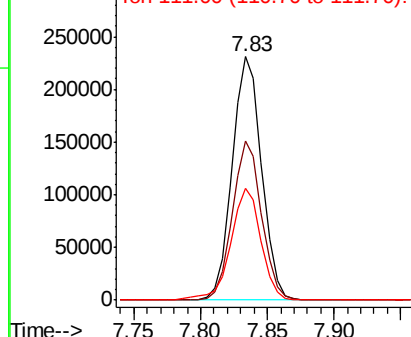


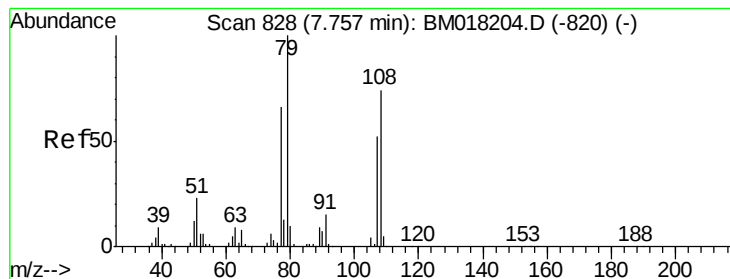
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.856 ng

RT: 7.75 min Scan# 826

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

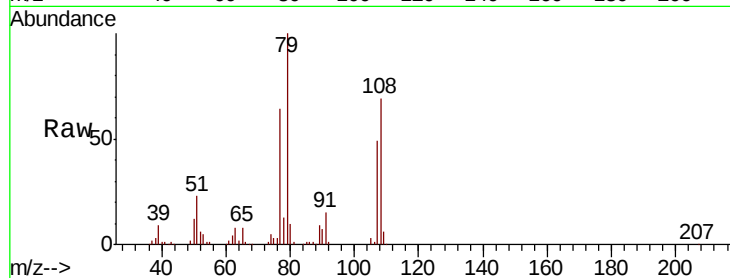
Tgt Ion: 79 Resp: 291237

Ion Ratio Lower Upper

79 100

108 68.9 59.3 88.9

77 63.9 53.0 79.4



Abundance Ion 79.00 (78.70 to 79.70): BM018204.D (-820) (-)

Ion 108.00 (107.70 to 108.70): BM018204.D (-820) (-)

Ion 77.00 (76.70 to 77.70): BM018204.D (-820) (-)

Time-->

7.75

150000

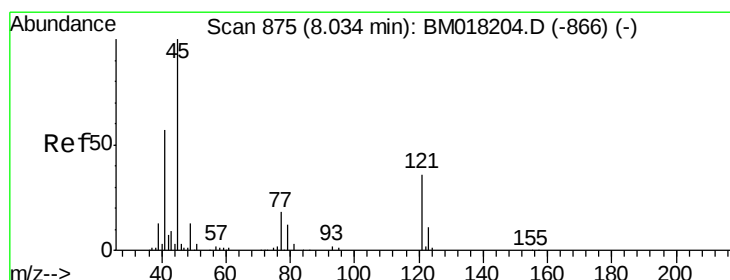
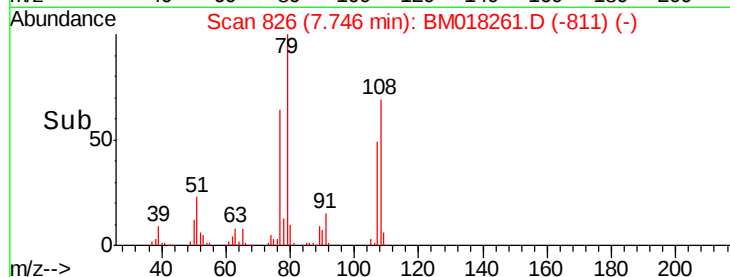
100000

50000

0

7.70 7.75 7.80

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.506 ng

RT: 8.03 min Scan# 874

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

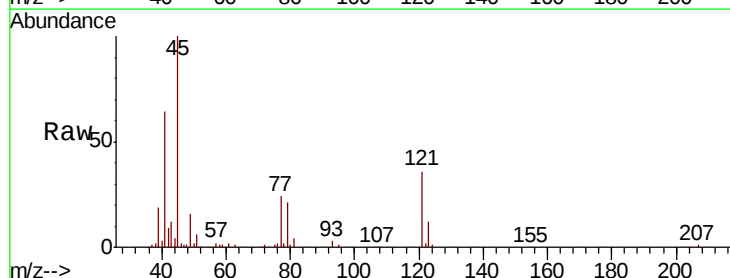
Tgt Ion: 45 Resp: 259927

Ion Ratio Lower Upper

45 100

77 23.7 2.5 42.5

79 20.7 0.0 37.2



Abundance Ion 45.00 (44.70 to 45.70): BM018204.D (-866) (-)

Ion 77.00 (76.70 to 77.70): BM018204.D (-866) (-)

Ion 79.00 (78.70 to 79.70): BM018204.D (-866) (-)

Time-->

8.03

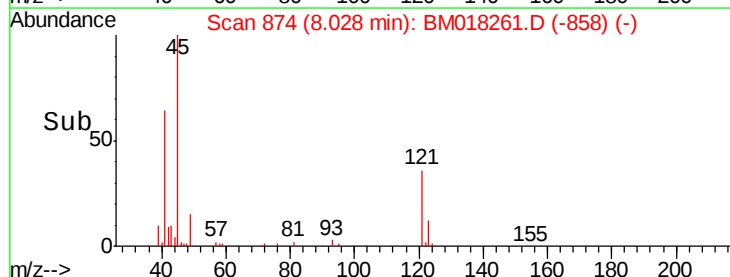
100000

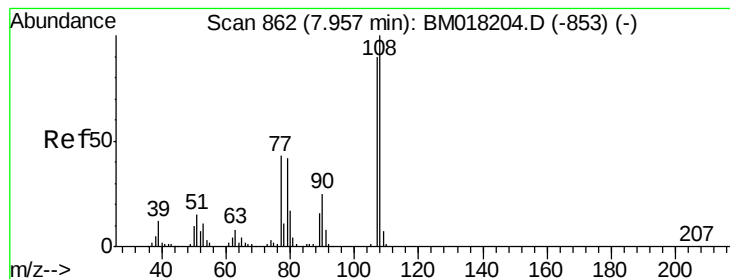
50000

0

7.95 8.00 8.05 8.10

Time-->





#17

2-Methylphenol

Concen: 35.882 ng

RT: 7.95 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

Tgt Ion:107 Resp: 267873

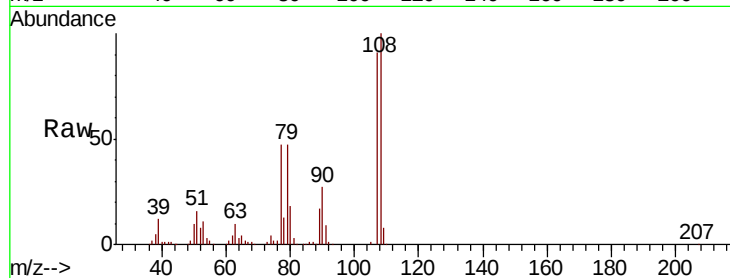
Ion Ratio Lower Upper

107 100

108 110.2 89.3 133.9

77 51.8 38.2 57.4

79 51.5 37.7 56.5

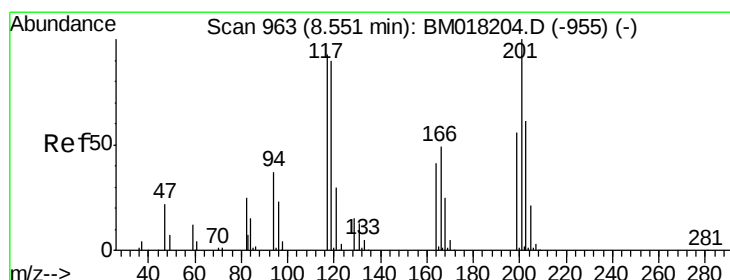
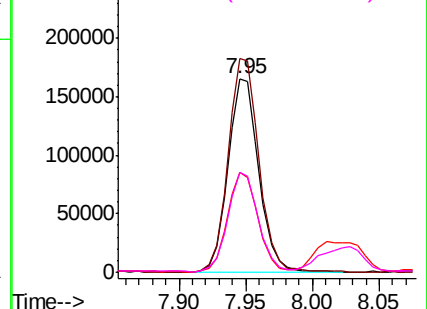
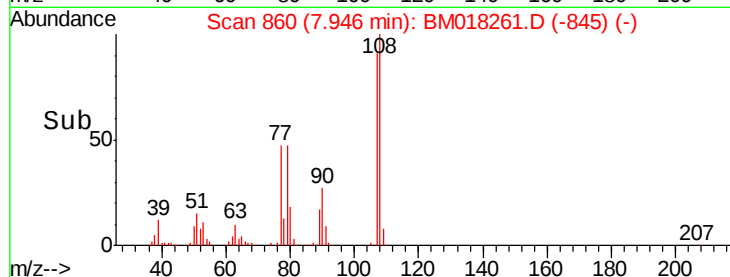


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 36.206 ng

RT: 8.54 min Scan# 961

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

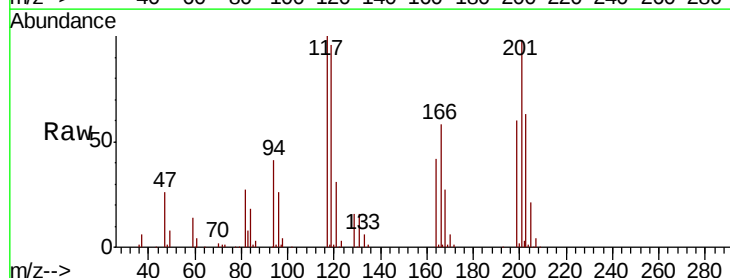
Tgt Ion:117 Resp: 135044

Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.4

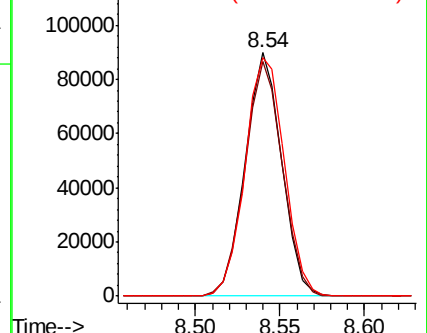
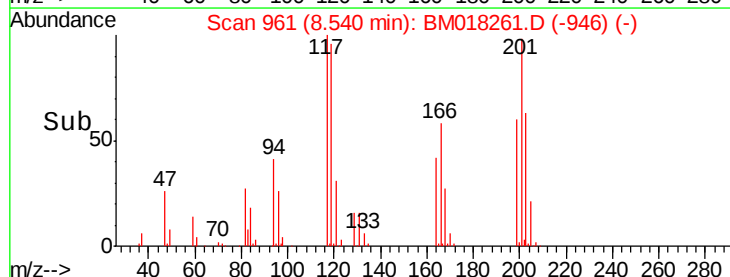
201 97.8 85.7 128.5

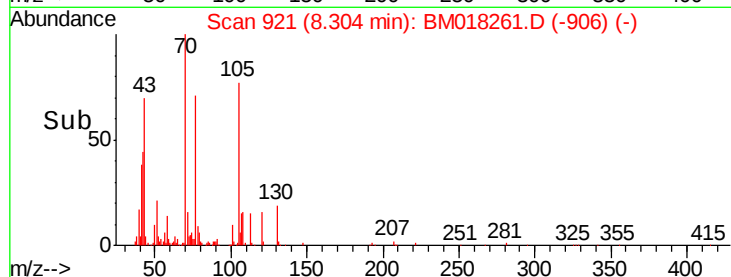
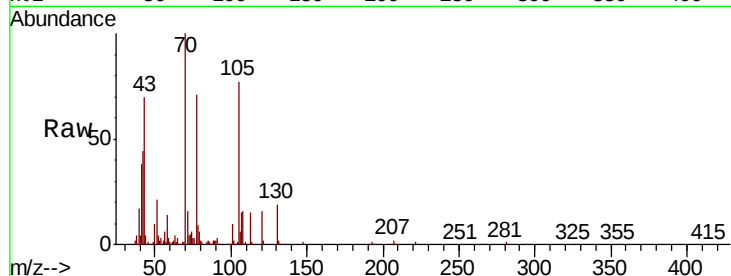
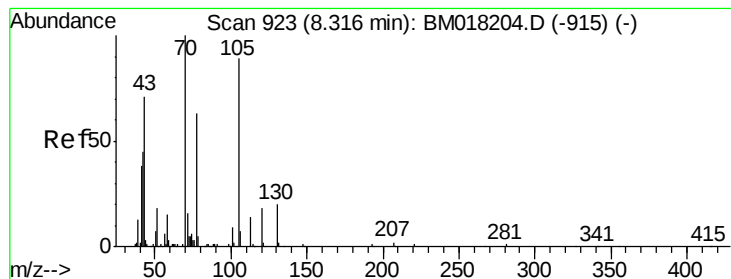


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.633 ng

RT: 8.30 min Scan# 921

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

Tgt Ion: 70 Resp: 257229

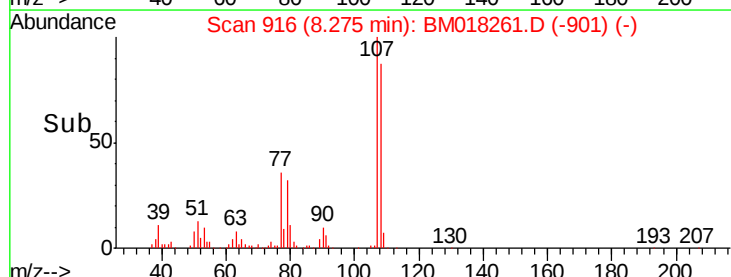
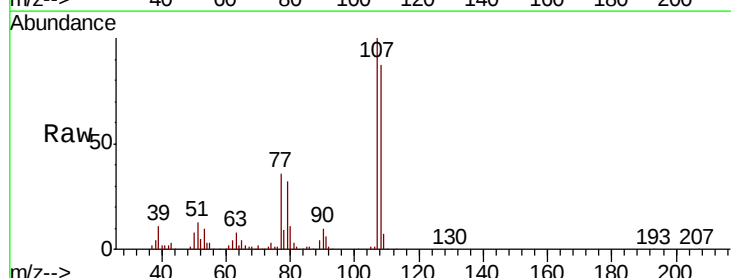
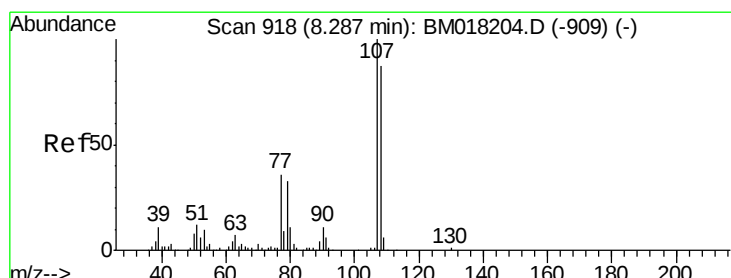
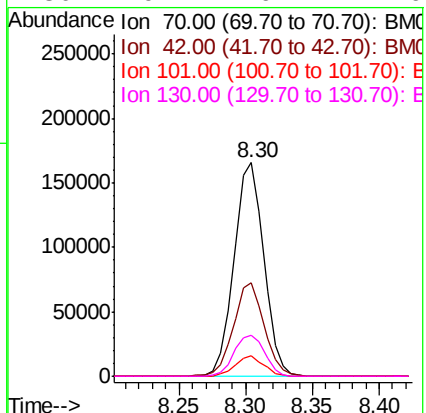
Ion Ratio Lower Upper

70 100

42 43.7 36.2 54.2

101 9.9 7.5 11.3

130 19.2 16.4 24.6



#20

3+4-Methylphenols

Concen: 33.440 ng

RT: 8.27 min Scan# 916

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Tgt Ion: 107 Resp: 349808

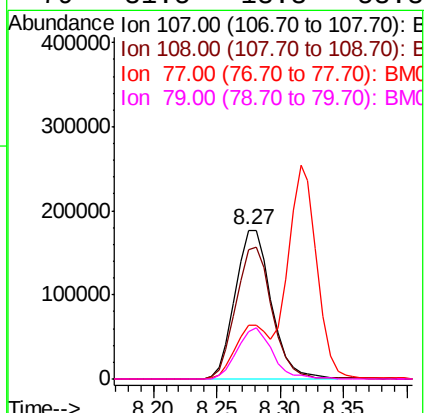
Ion Ratio Lower Upper

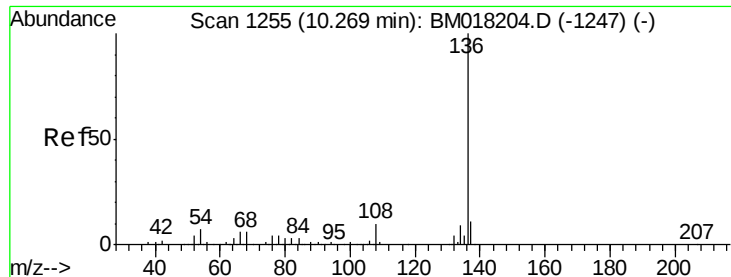
107 100

108 86.8 67.4 107.4

77 35.7 15.7 55.7

79 31.5 13.3 53.3

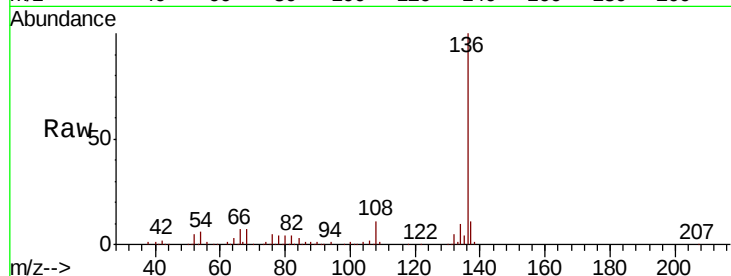




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Instrument :
BNA_M
ClientSampleId :
PB115777BSD

Tgt Ion:	136	Resp:	450514
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.4	5.2	7.8
68	6.7	5.0	7.6



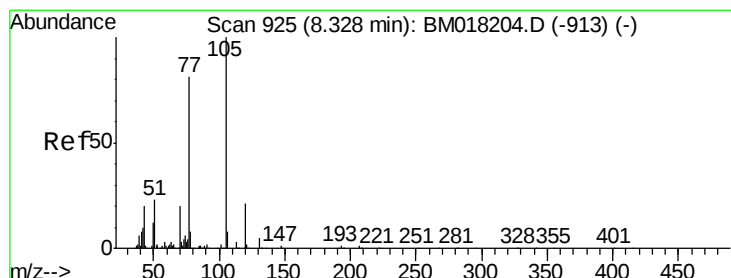
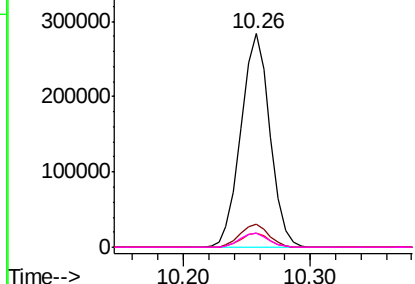
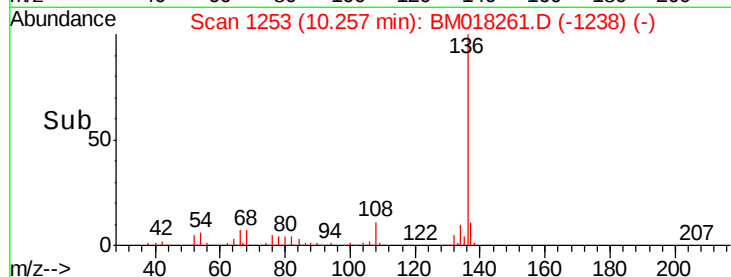
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

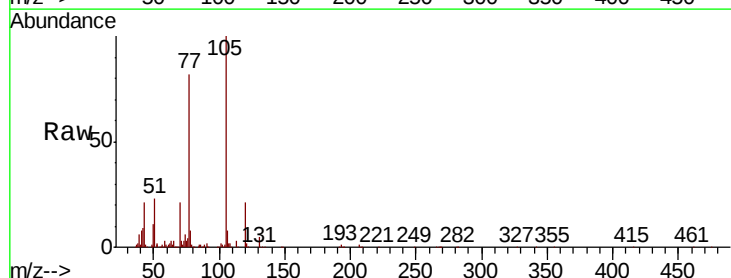
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 40.796 ng
RT: 8.32 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:	105	Resp:	486377
Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.6	4.0
51	23.2	18.3	27.5
120	20.8	17.0	25.6



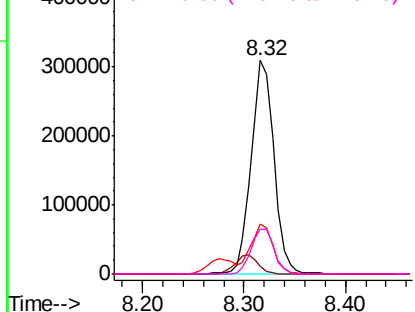
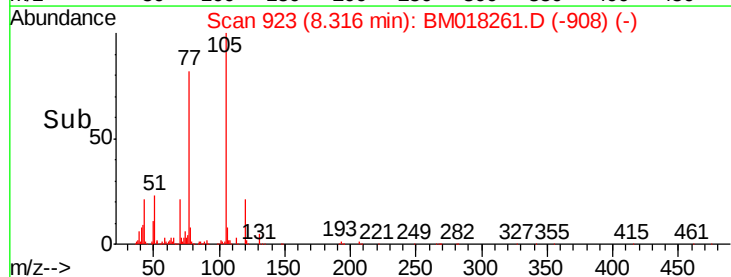
Abundance

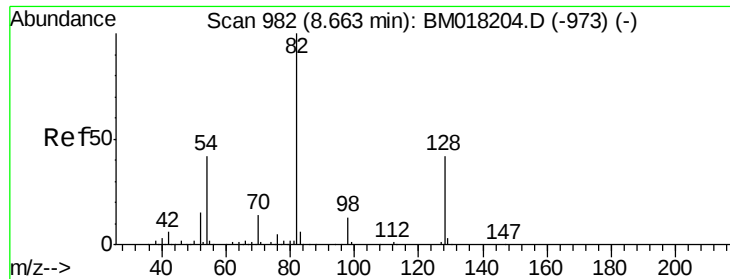
Ion 105.00 (104.70 to 105.70): E

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

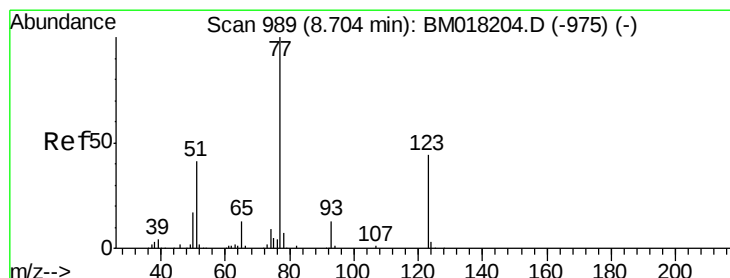
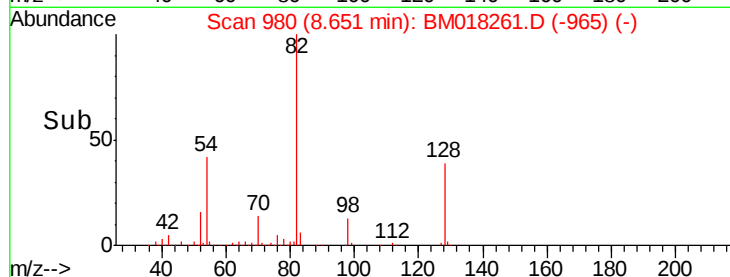
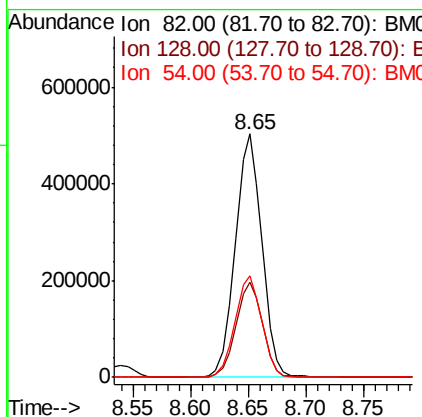
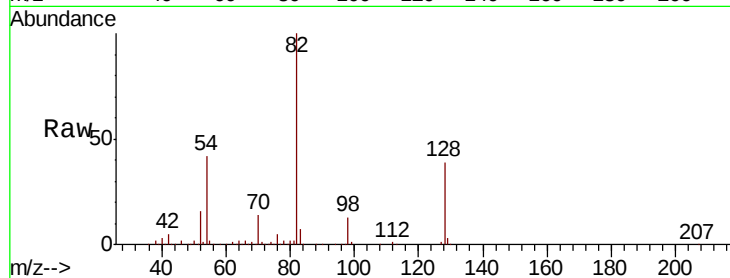




#23
 Nitrobenzene-d5
 Concen: 90.768 ng
 RT: 8.65 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

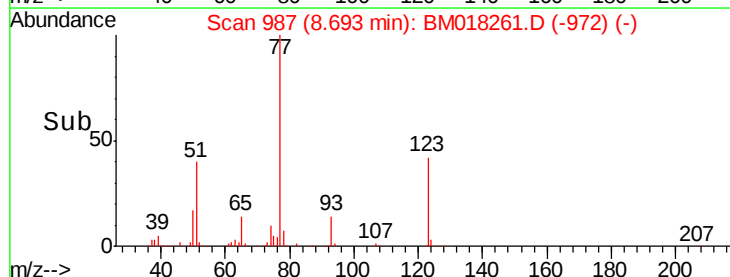
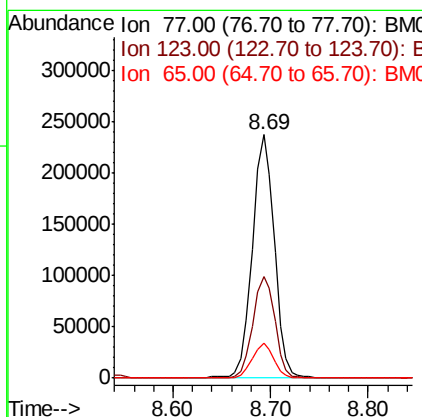
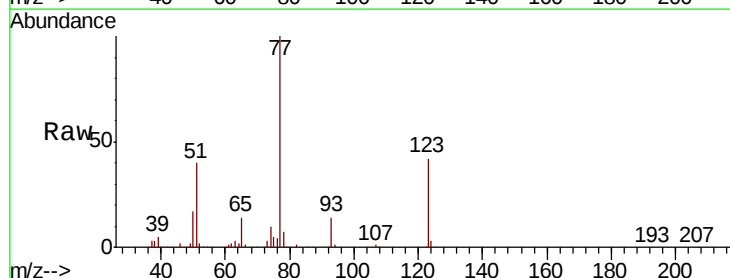
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BSD

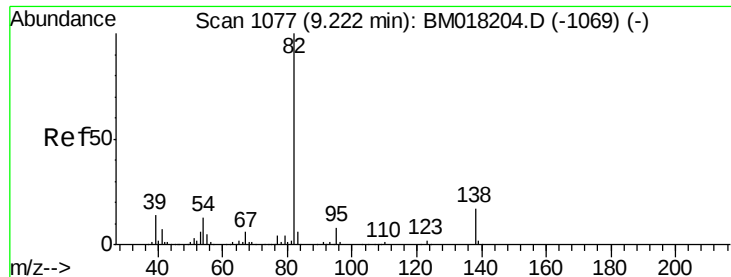
Tgt Ion: 82 Resp: 797224
 Ion Ratio Lower Upper
 82 100
 128 39.1 33.4 50.2
 54 41.6 33.4 50.2



#24
 Nitrobenzene
 Concen: 42.848 ng
 RT: 8.69 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

Tgt Ion: 77 Resp: 376037
 Ion Ratio Lower Upper
 77 100
 123 41.7 35.4 53.2
 65 14.1 10.6 15.8





#25

Isophorone

Concen: 43.550 ng

RT: 9.21 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

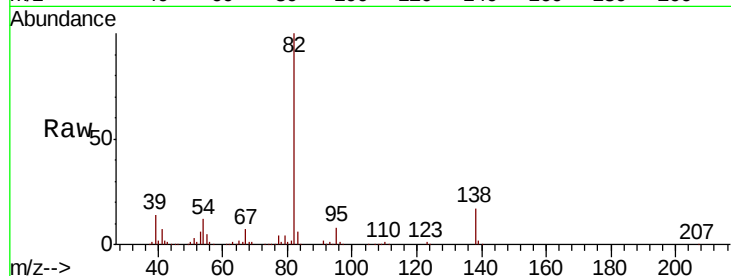
Tgt Ion: 82 Resp: 636822

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

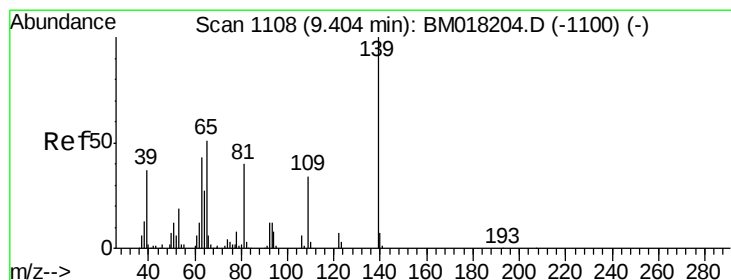
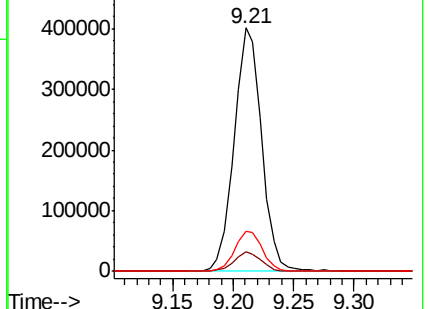
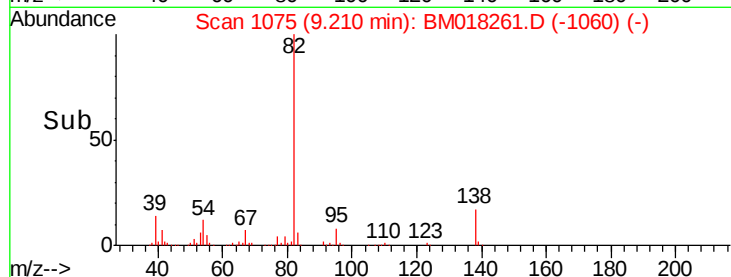
138 16.7 13.9 20.9



Abundance Ion 82.00 (81.70 to 82.70): BM018204.D (-1069) (-)

Ion 95.00 (94.70 to 95.70): BM018204.D (-1069) (-)

Ion 138.00 (137.70 to 138.70): BM018204.D (-1069) (-)



#26

2-Nitrophenol

Concen: 39.366 ng

RT: 9.39 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

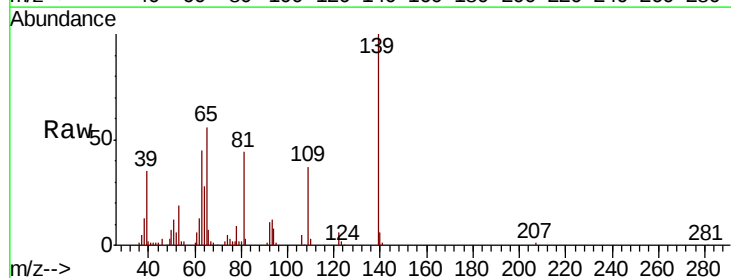
Tgt Ion: 139 Resp: 169446

Ion Ratio Lower Upper

139 100

109 37.0 27.4 41.0

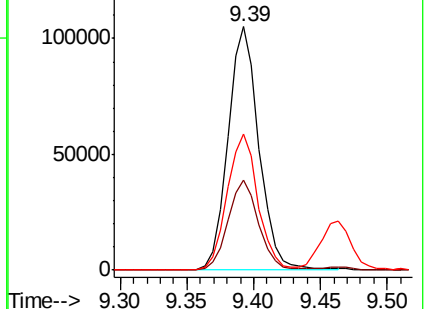
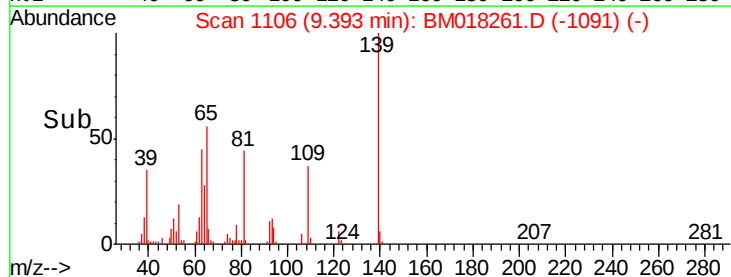
65 56.0 41.0 61.4

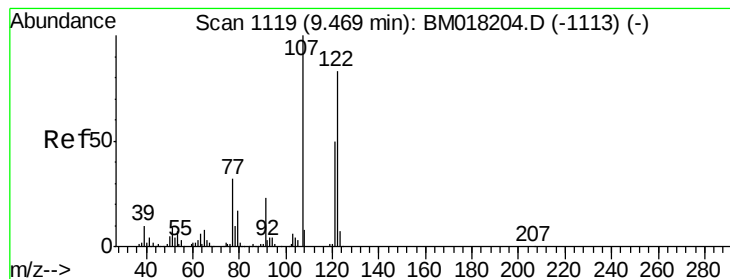


Abundance Ion 139.00 (138.70 to 139.70): BM018204.D (-1100) (-)

Ion 109.00 (108.70 to 109.70): BM018204.D (-1100) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-1100) (-)





#27

2,4-Dimethylphenol

Concen: 44.552 ng

RT: 9.46 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

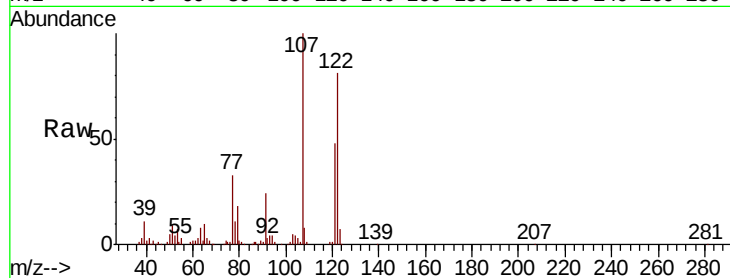
Tgt Ion:122 Resp: 276379

Ion Ratio Lower Upper

122 100

107 123.1 96.5 144.7

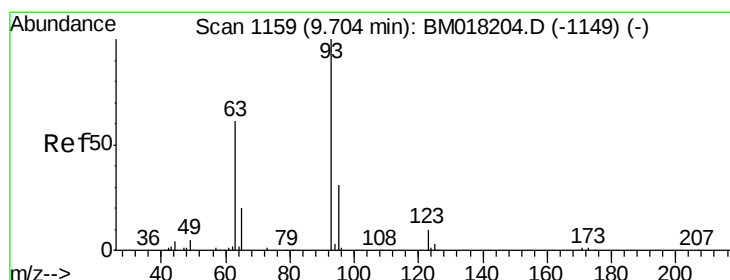
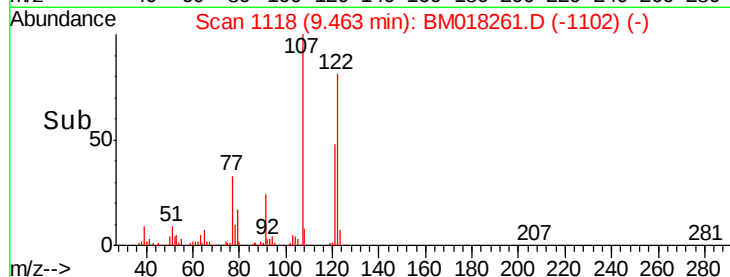
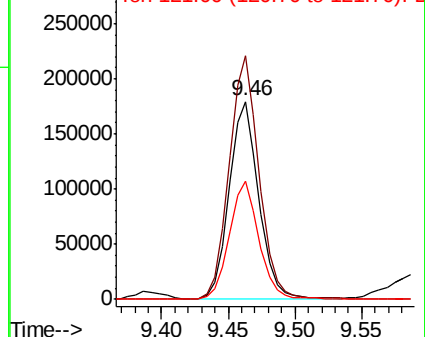
121 59.7 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.536 ng

RT: 9.70 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

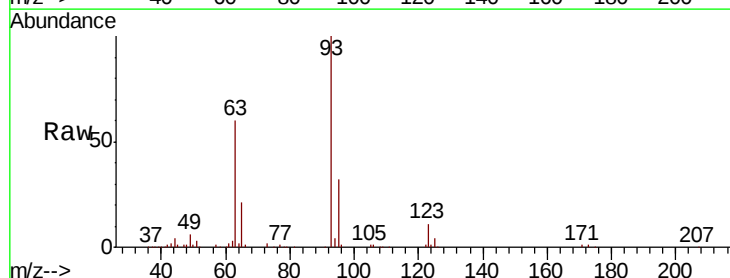
Tgt Ion: 93 Resp: 395906

Ion Ratio Lower Upper

93 100

95 31.7 25.3 37.9

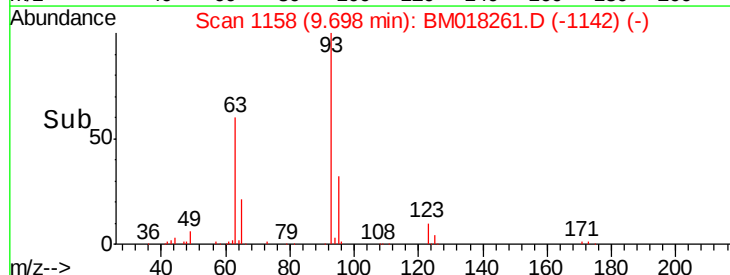
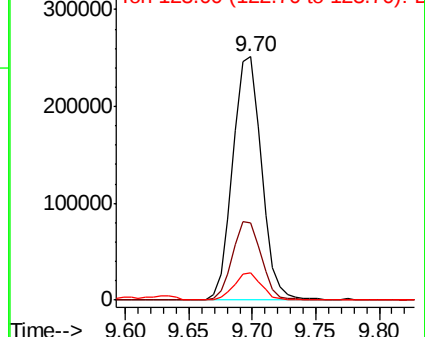
123 11.4 9.3 13.9

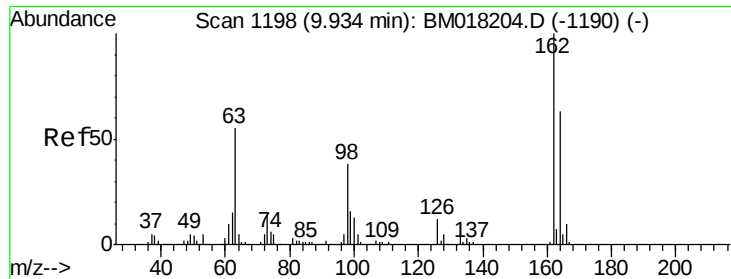


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

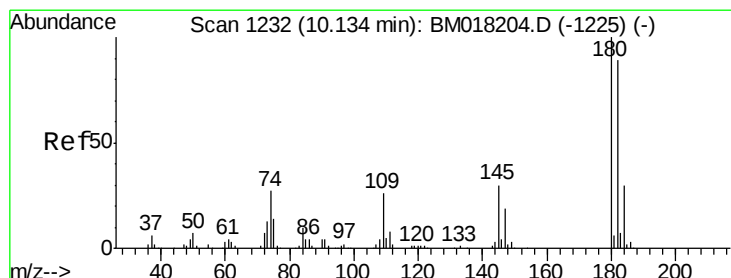
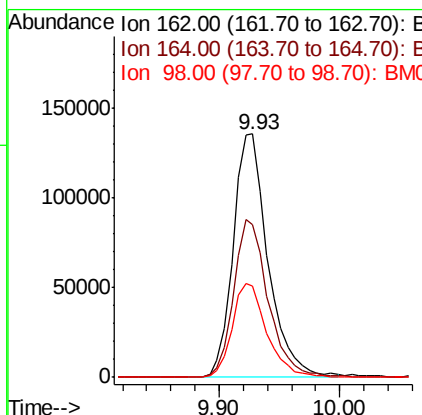
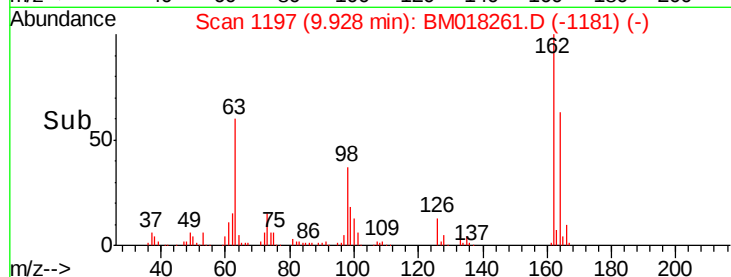
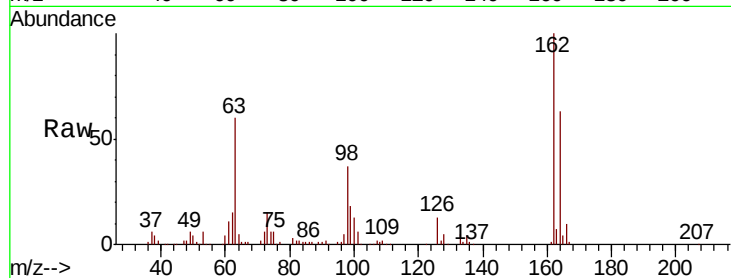




#29
2,4-Dichlorophenol
Concen: 39.580 ng
RT: 9.93 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

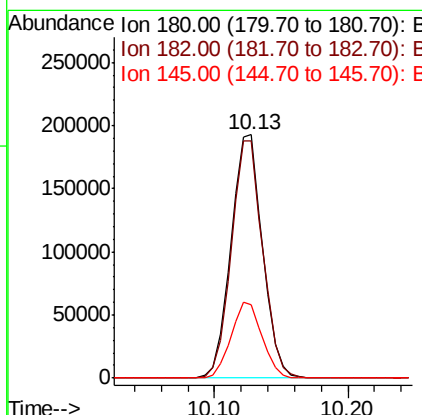
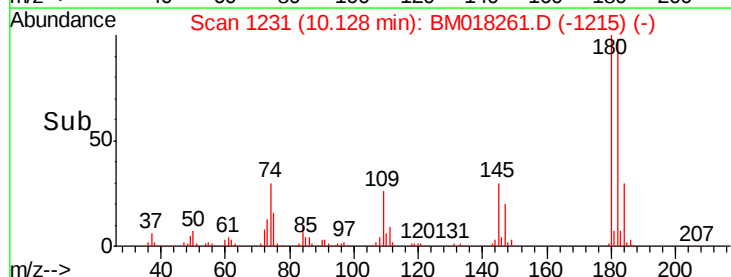
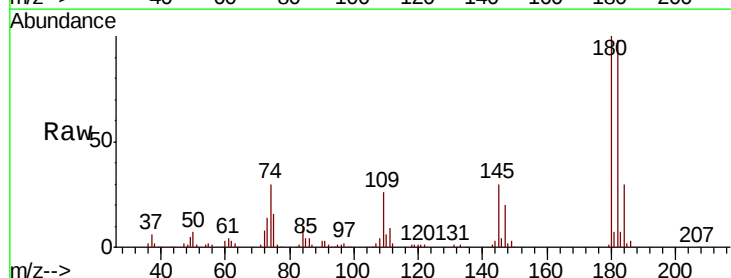
Instrument :
BNA_M
ClientSampleId :
PB115777BSD

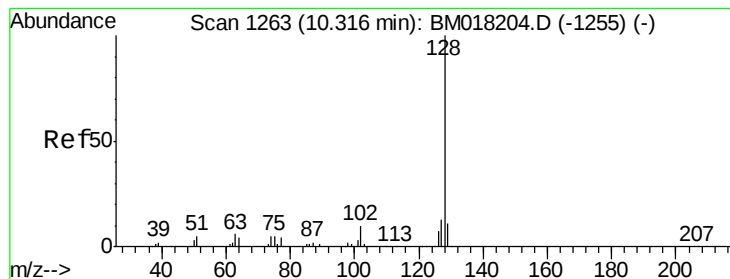
Tgt Ion:162 Resp: 272238
Ion Ratio Lower Upper
162 100
164 62.9 43.0 83.0
98 37.5 18.3 58.3



#30
1,2,4-Trichlorobenzene
Concen: 40.439 ng
RT: 10.13 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:180 Resp: 316380
Ion Ratio Lower Upper
180 100
182 97.7 71.4 107.2
145 30.0 24.4 36.6

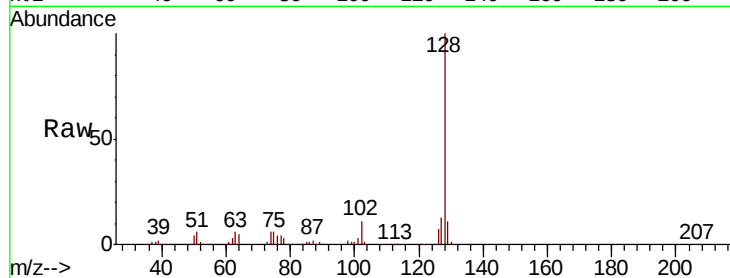




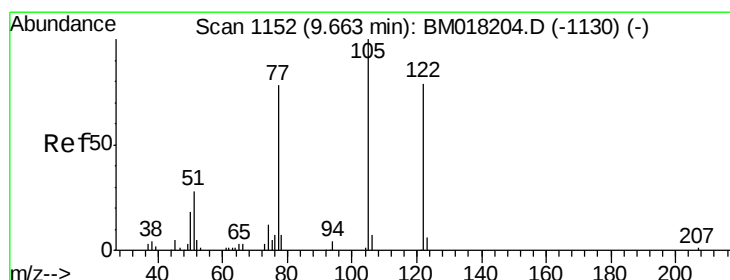
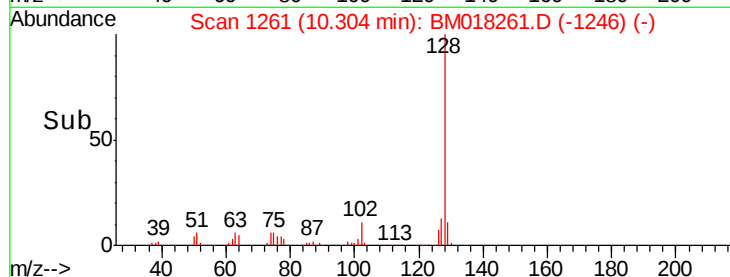
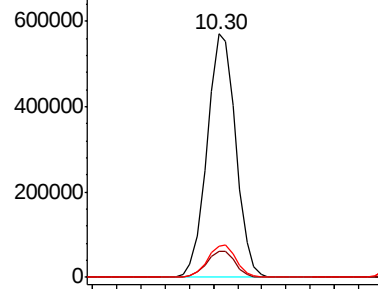
#31
Naphthalene
Concen: 42.837 ng
RT: 10.30 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Instrument :
BNA_M
ClientSampleId :
PB115777BSD

Tgt Ion:128 Resp: 943656
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.0 10.4 15.6

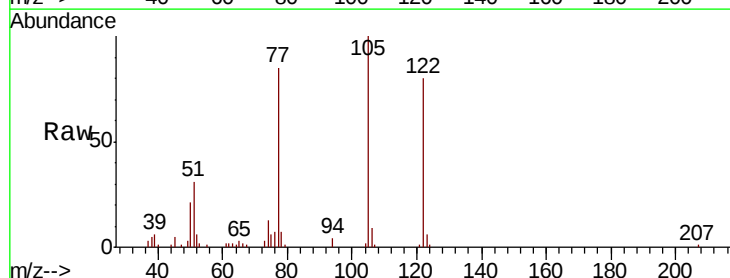


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

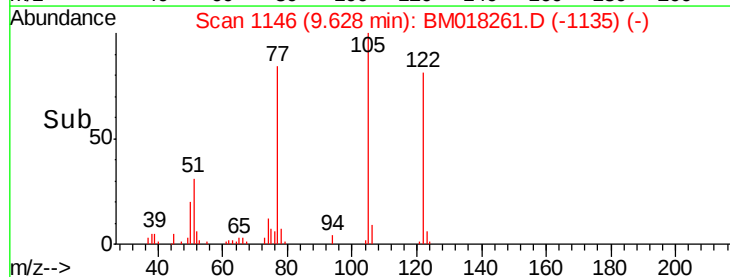
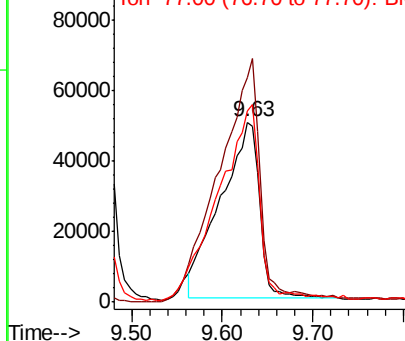


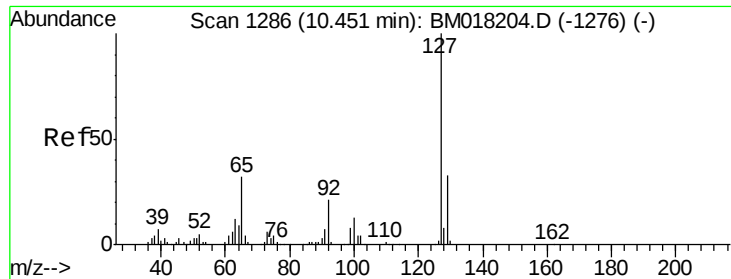
#32
Benzoic acid
Concen: 25.509 ng
RT: 9.63 min Scan# 1146
Delta R.T. -0.04 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:122 Resp: 149847
Ion Ratio Lower Upper
122 100
105 124.8 104.8 144.8
77 106.5 77.7 117.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

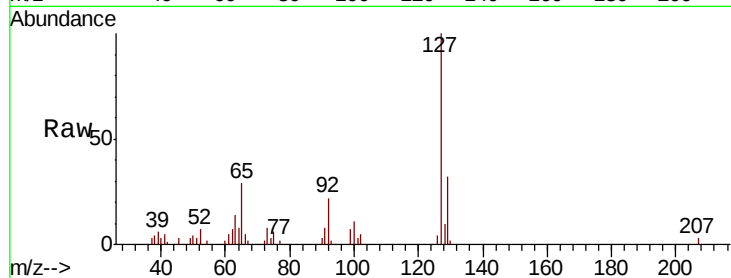




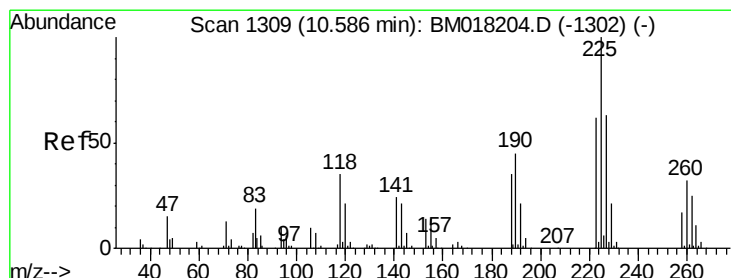
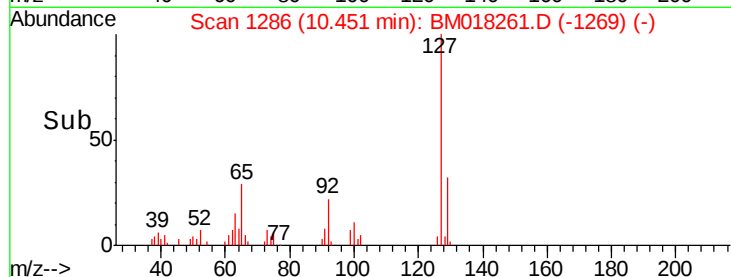
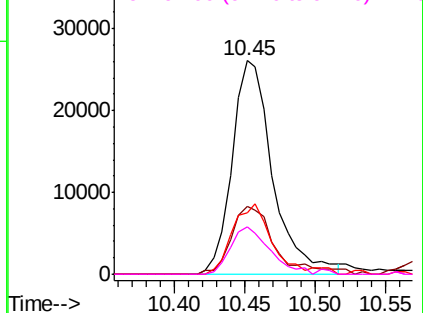
#33
4-Chloroaniline
Concen: 5.420 ng
RT: 10.45 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Instrument :
BNA_M
ClientSampleId :
PB115777BSD

Tgt Ion:	127	Resp:	52300
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.4	39.6
65	28.7	25.6	38.4
92	22.0	17.0	25.6

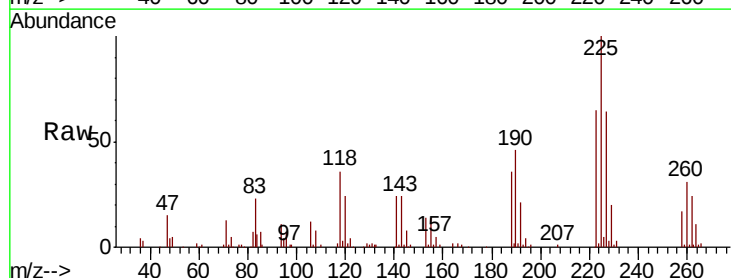


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

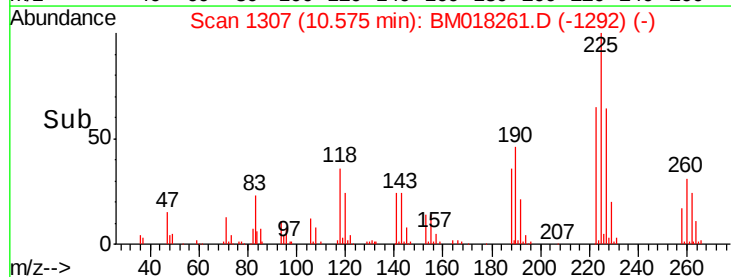
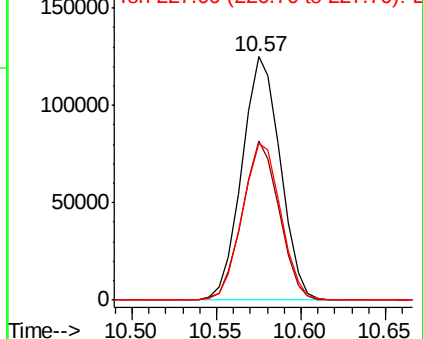


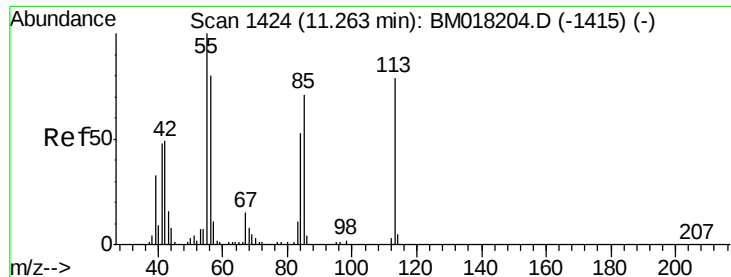
#34
Hexachlorobutadiene
Concen: 39.995 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:	225	Resp:	197901
Ion	Ratio	Lower	Upper
225	100		
223	65.3	49.8	74.6
227	64.3	50.2	75.4



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

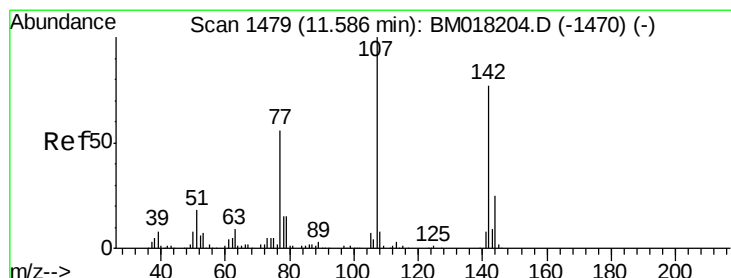
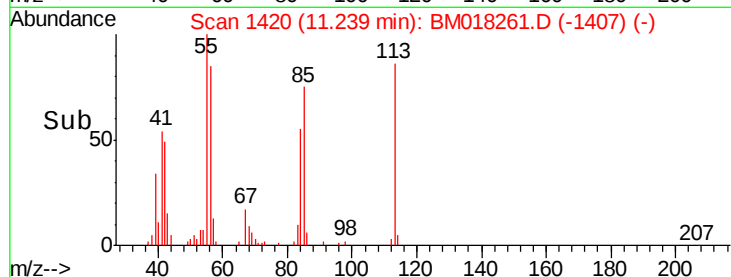
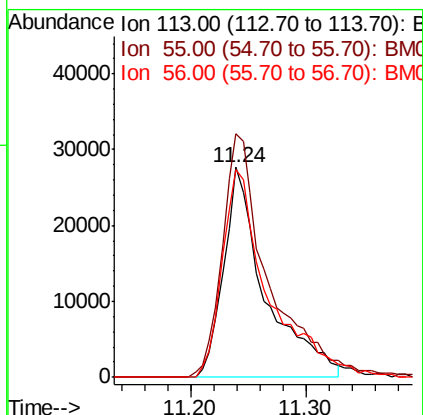
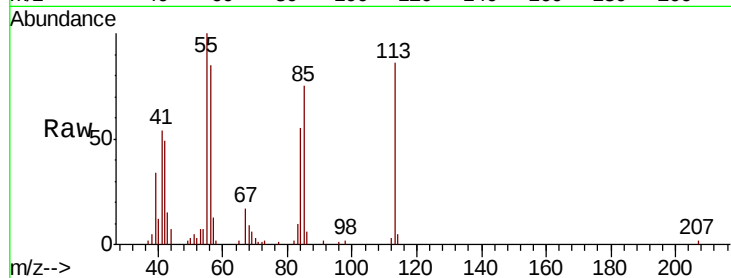




#35
 Caprolactam
 Concen: 26.437 ng
 RT: 11.24 min Scan# 1420
 Delta R.T. -0.02 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

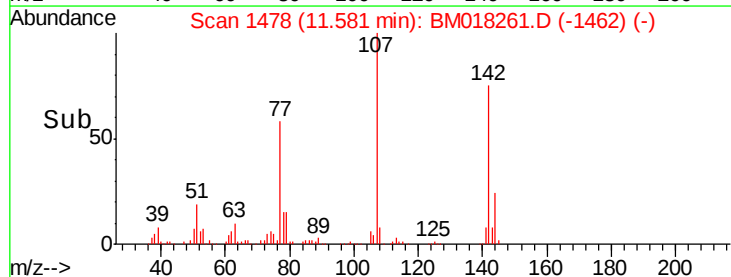
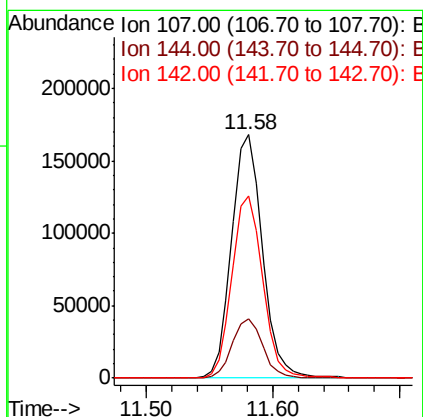
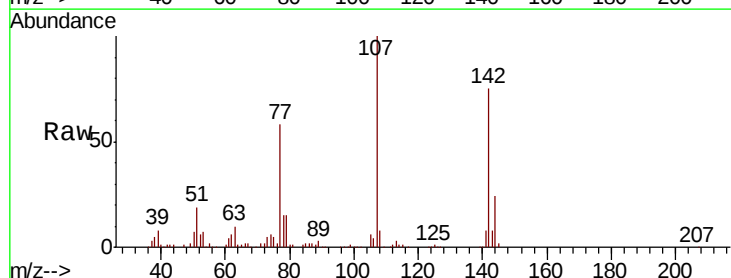
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BSD

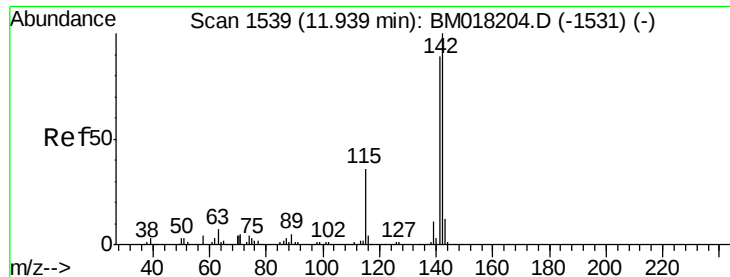
Tgt Ion:113 Resp: 69289
 Ion Ratio Lower Upper
 113 100
 55 116.0 105.9 145.9
 56 99.0 80.1 120.1



#36
 4-Chloro-3-methylphenol
 Concen: 34.300 ng
 RT: 11.58 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

Tgt Ion:107 Resp: 283479
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.1 30.1
 142 74.7 61.7 92.5

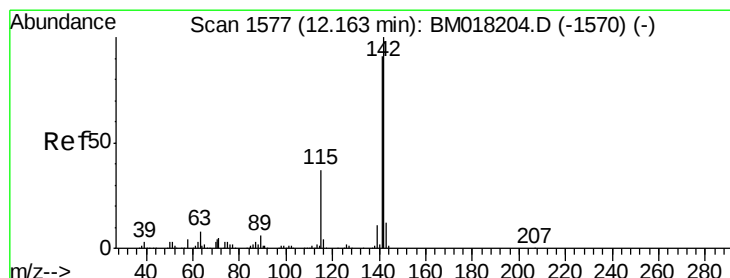
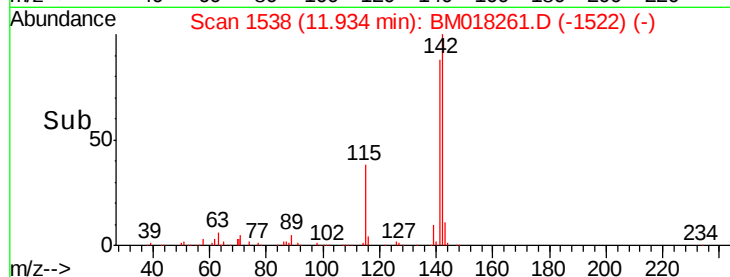
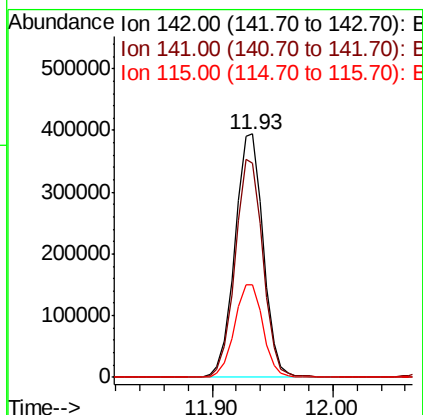
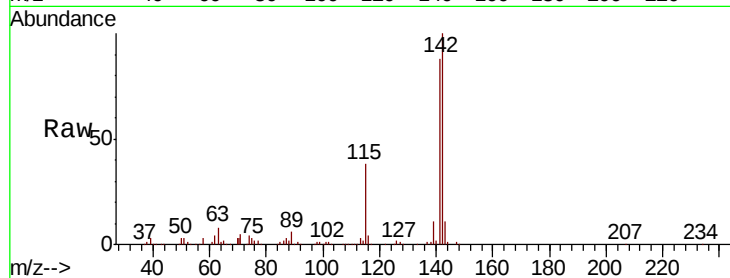




#37
2-Methylnaphthalene
Concen: 41.532 ng
RT: 11.93 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

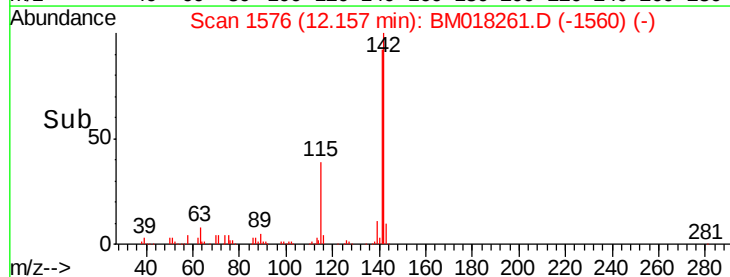
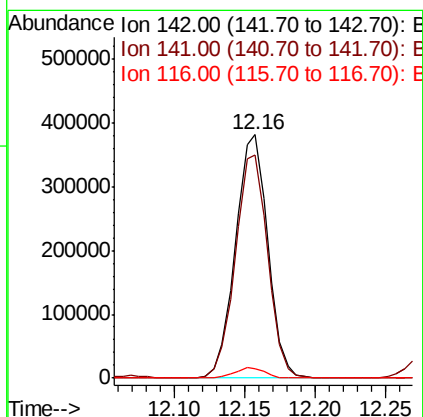
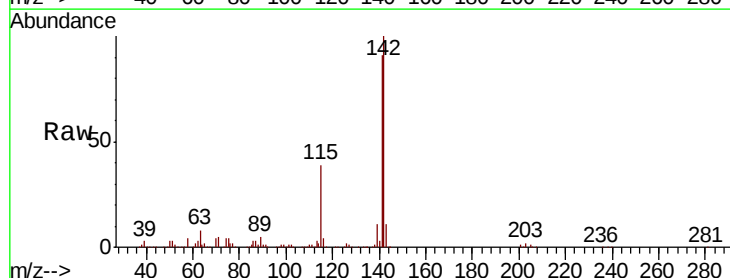
Instrument :
BNA_M
ClientSampleId :
PB115777BSD

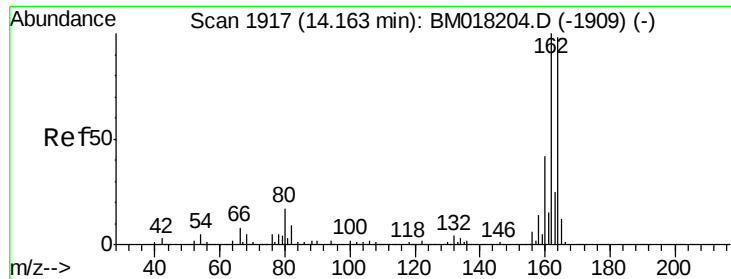
Tgt Ion:142 Resp: 645216
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.2
115 37.9 29.0 43.6



#38
1-Methylnaphthalene
Concen: 40.343 ng
RT: 12.16 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:142 Resp: 611561
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

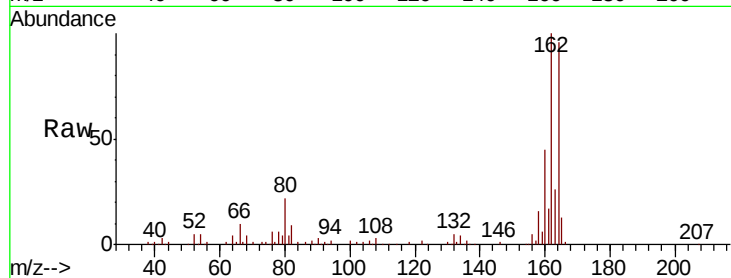
Tgt Ion:164 Resp: 208617

Ion Ratio Lower Upper

164 100

162 103.7 81.8 122.6

160 46.9 34.6 51.8

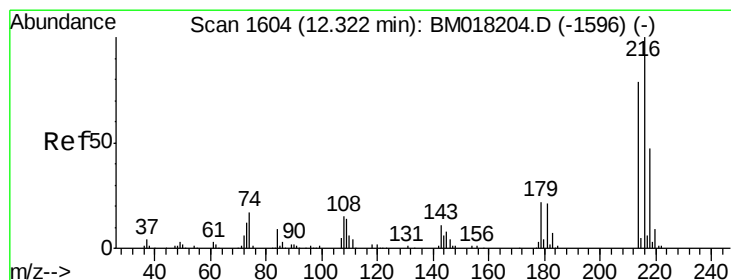
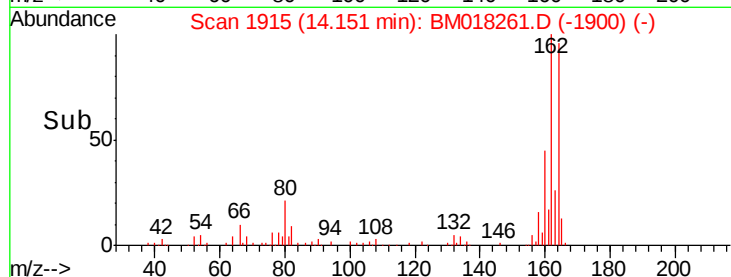
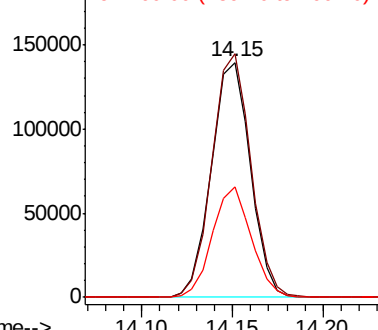


Abundance

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: 45.277 ng

RT: 12.31 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Tgt Ion:216 Resp: 324808

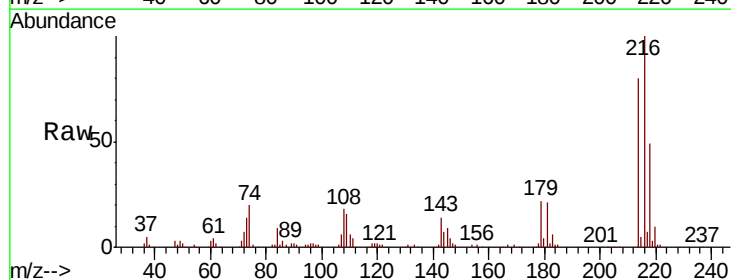
Ion Ratio Lower Upper

216 100

214 77.7 63.4 95.0

179 21.7 17.2 25.8

108 21.7 14.6 21.8



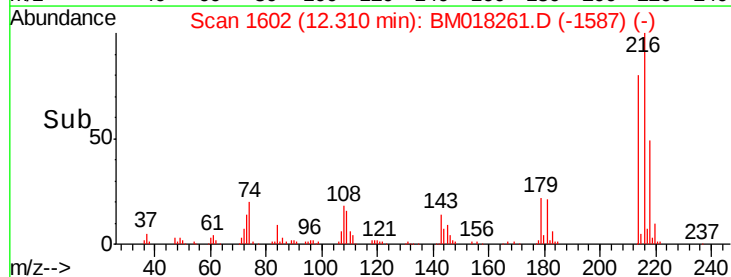
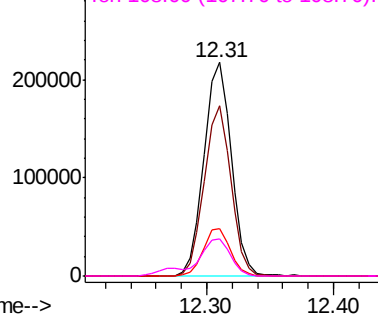
Abundance

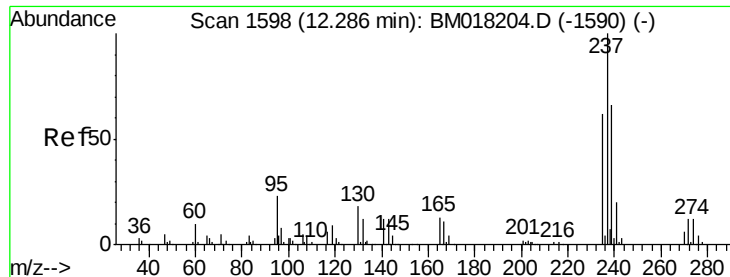
Ion 216.00 (215.70 to 216.70): E

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: 96.056 ng

RT: 12.27 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

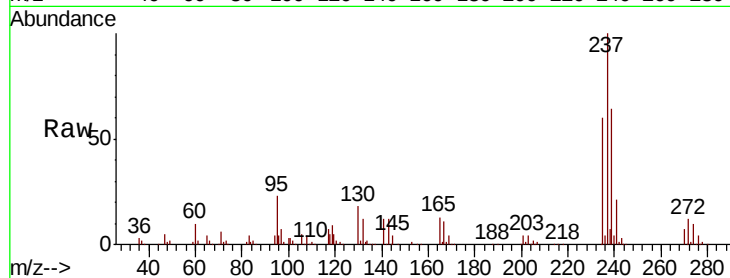
Tgt Ion: 237 Resp: 307435

Ion Ratio Lower Upper

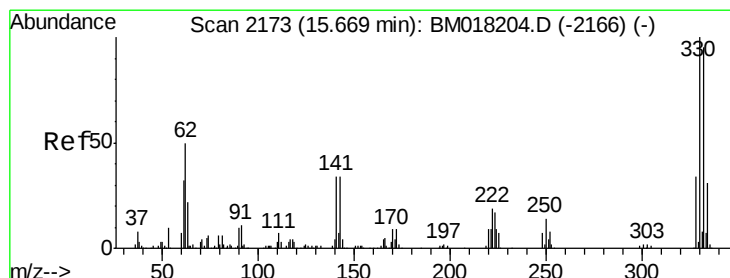
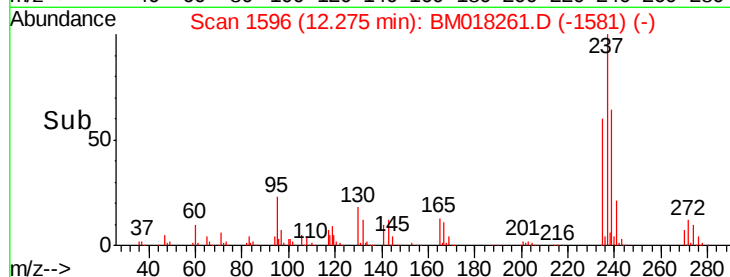
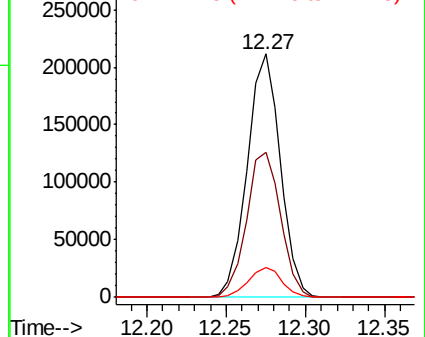
237 100

235 59.7 42.1 82.1

272 12.4 0.0 32.1



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: 70.589 ng

RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

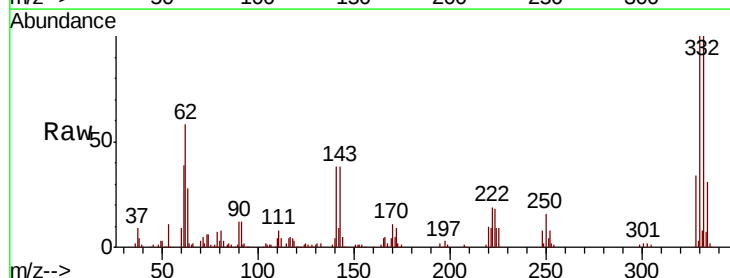
Tgt Ion: 330 Resp: 216138

Ion Ratio Lower Upper

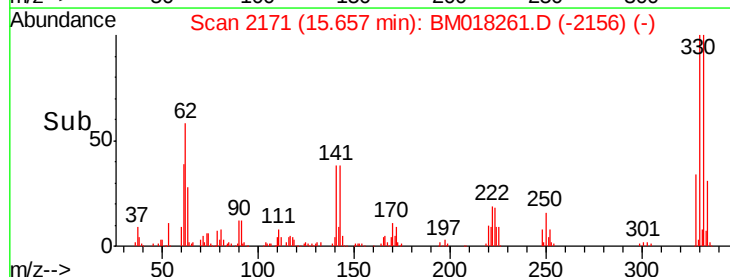
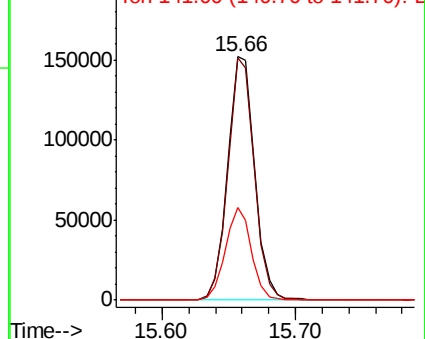
330 100

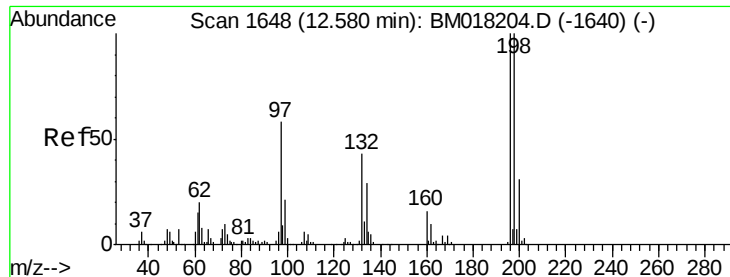
332 97.1 78.6 118.0

141 36.4 27.1 40.7



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

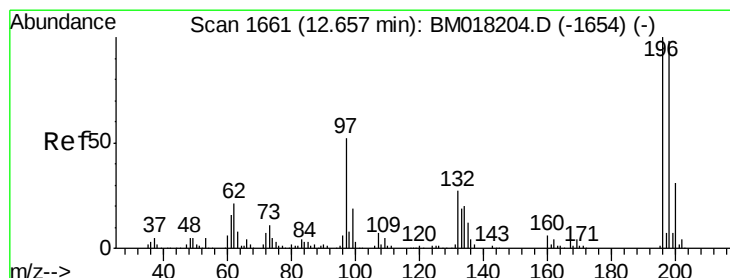
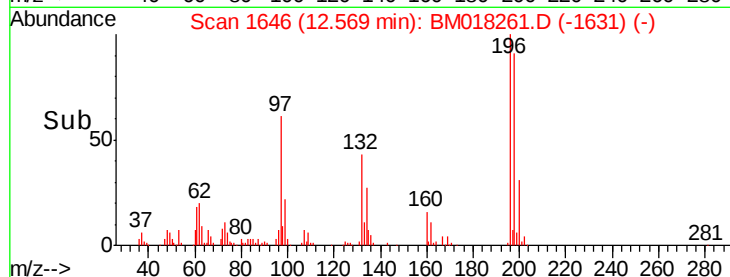
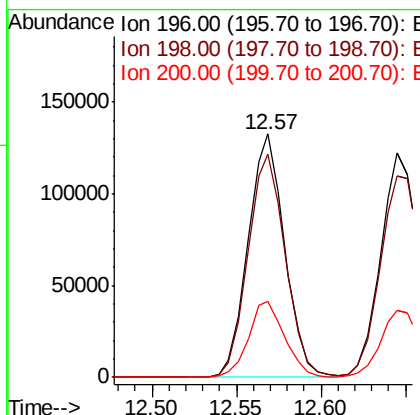
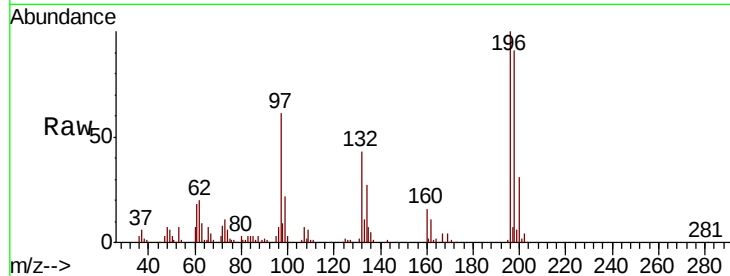




#43
 2,4,6-Trichlorophenol
 Concen: 43.412 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

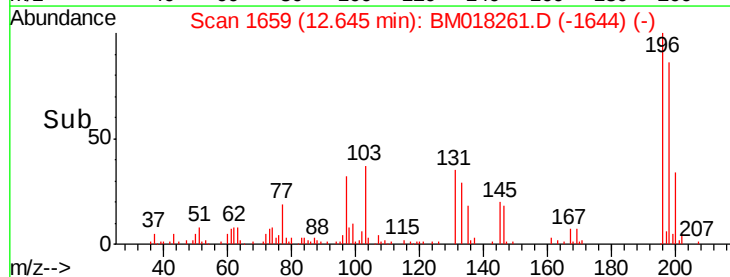
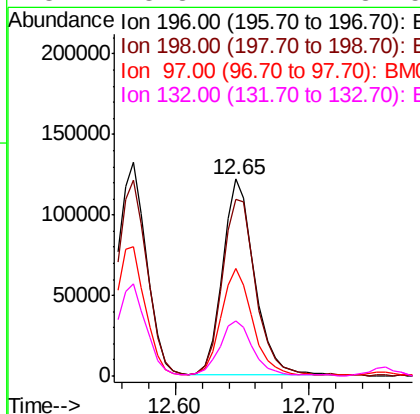
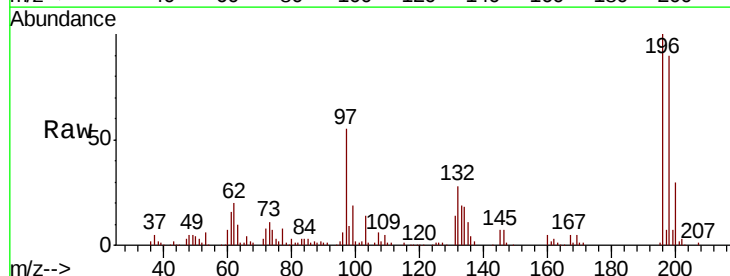
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BSD

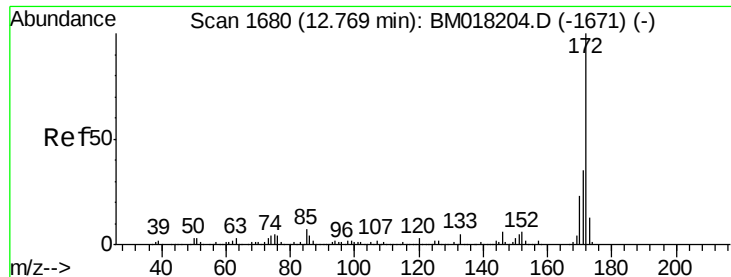
Tgt Ion:196 Resp: 200302
 Ion Ratio Lower Upper
 196 100
 198 91.5 80.1 120.1
 200 31.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.170 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

Tgt Ion:196 Resp: 201665
 Ion Ratio Lower Upper
 196 100
 198 89.7 78.5 117.7
 97 55.0 41.9 62.9
 132 28.3 21.7 32.5

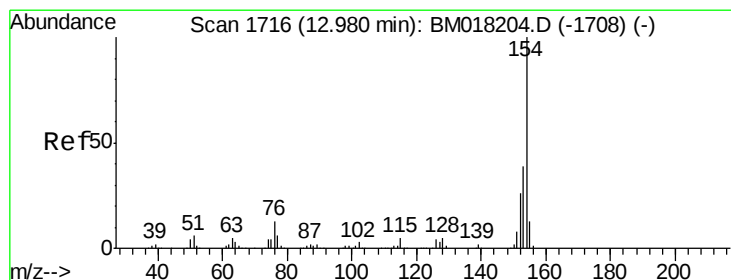
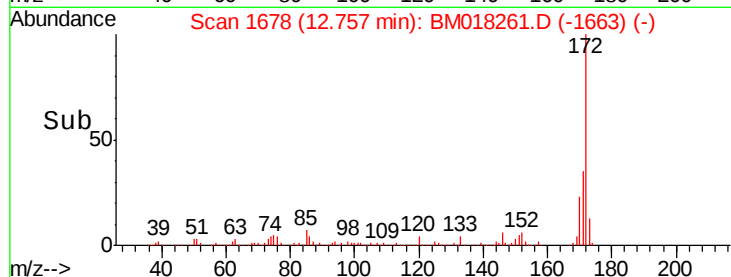
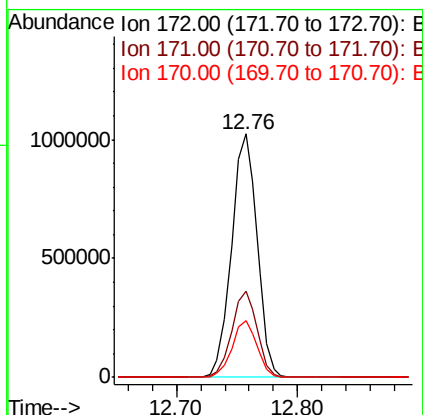
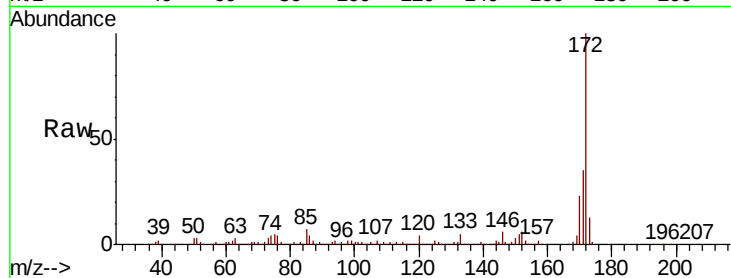




#45
2-Fluorobiphenyl
Concen: 93.812 ng
RT: 12.76 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

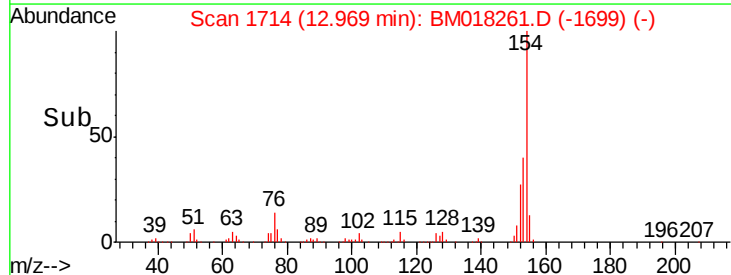
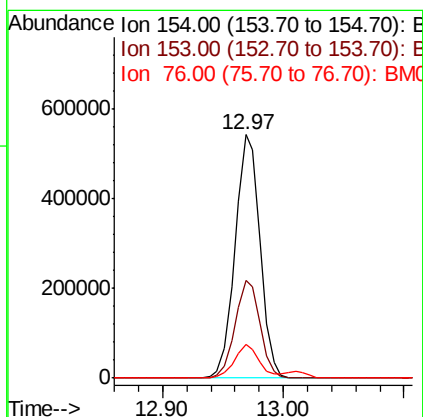
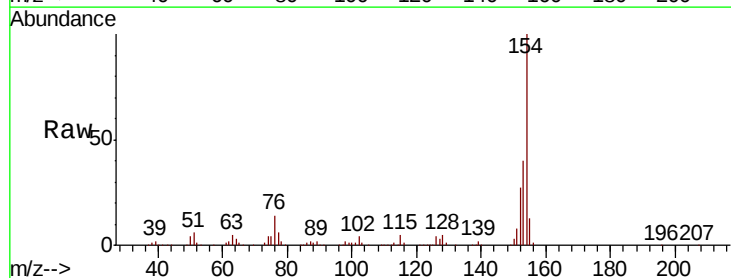
Instrument :
BNA_M
ClientSampleId :
PB115777BSD

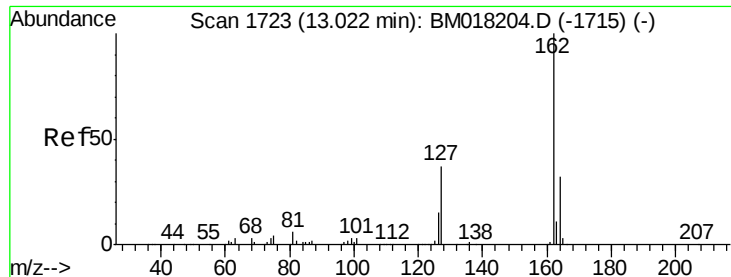
Tgt Ion:172 Resp: 1510989
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.1 18.1 27.1



#46
1,1'-Biphenyl
Concen: 41.412 ng
RT: 12.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:154 Resp: 777225
Ion Ratio Lower Upper
154 100
153 40.3 19.5 59.5
76 13.6 0.0 33.1

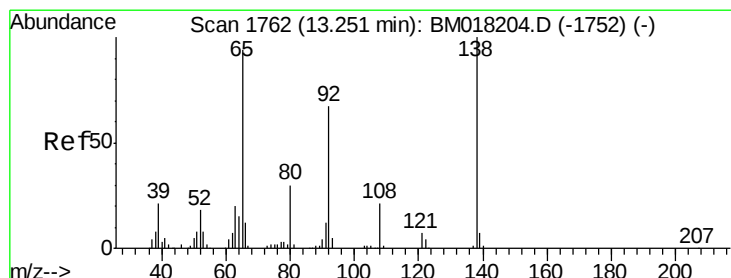
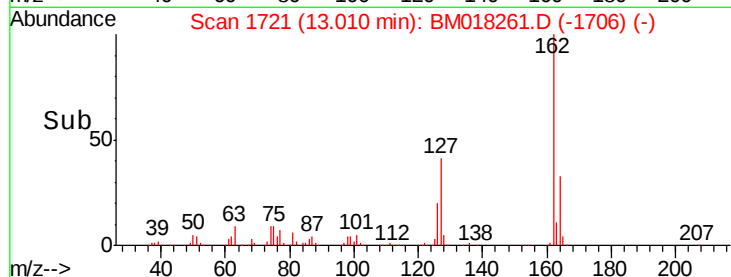
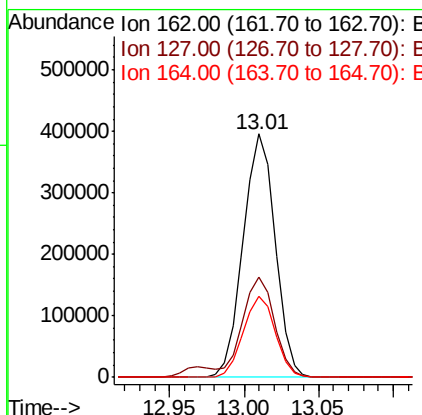
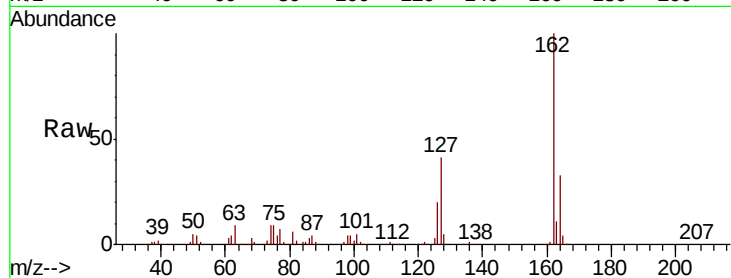




#47
2-Chloronaphthalene
Concen: 42.739 ng
RT: 13.01 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

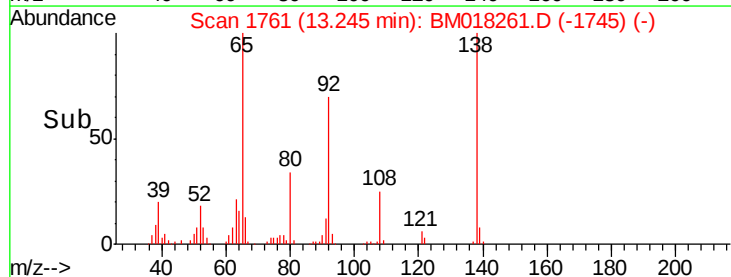
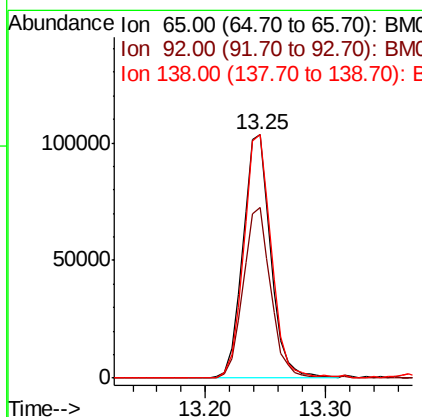
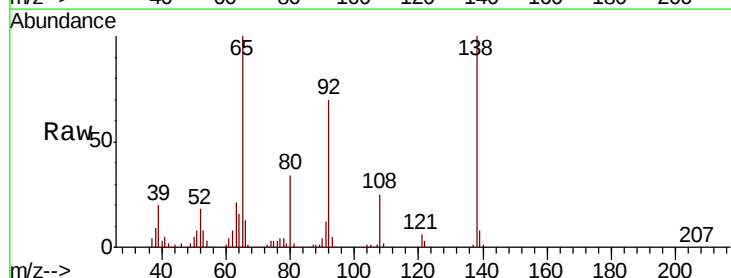
Instrument :
BNA_M
ClientSampleId :
PB115777BSD

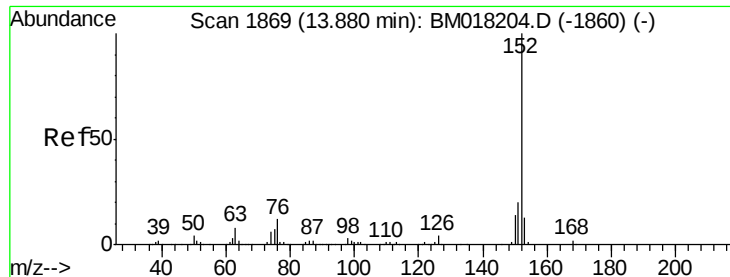
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	31.8	47.8
164	33.1	25.9	38.9



#48
2-Nitroaniline
Concen: 39.151 ng
RT: 13.25 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	56.8	85.2
138	99.9	85.1	127.7





#49

Acenaphthylene

Concen: 44.203 ng

RT: 13.87 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

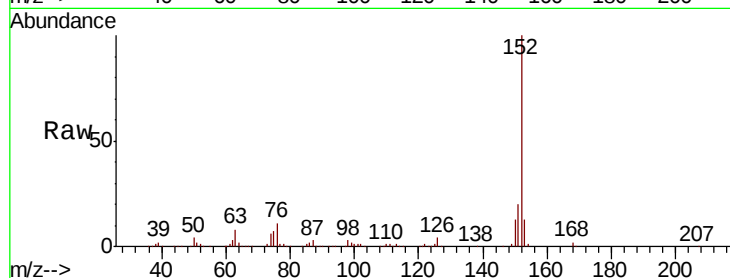
Tgt Ion:152 Resp: 920153

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

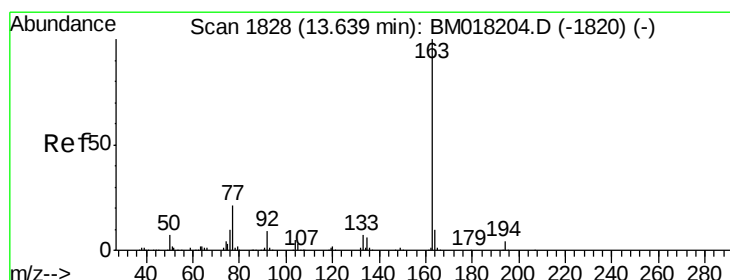
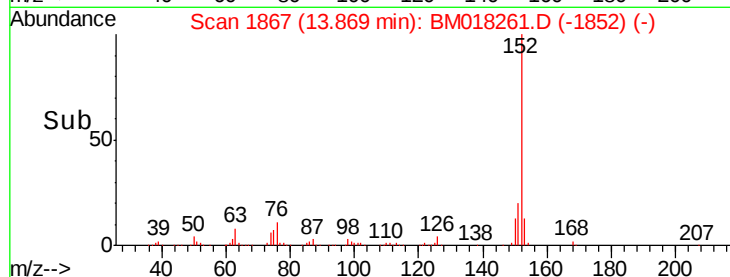
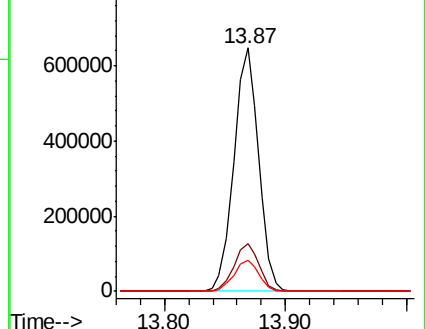
153 12.7 10.2 15.2



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: 39.156 ng

RT: 13.63 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

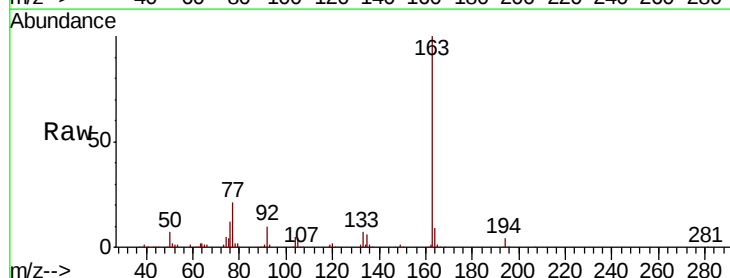
Tgt Ion:163 Resp: 679116

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

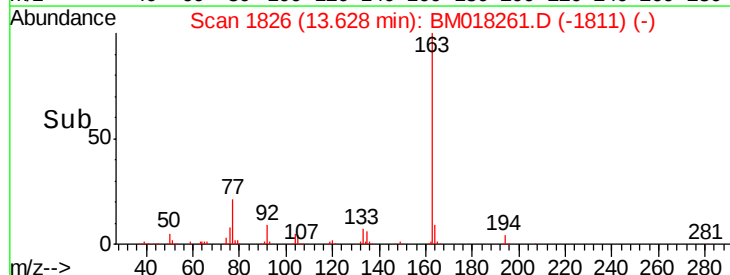
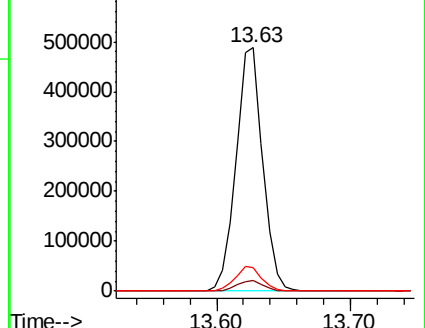
164 9.5 7.9 11.9

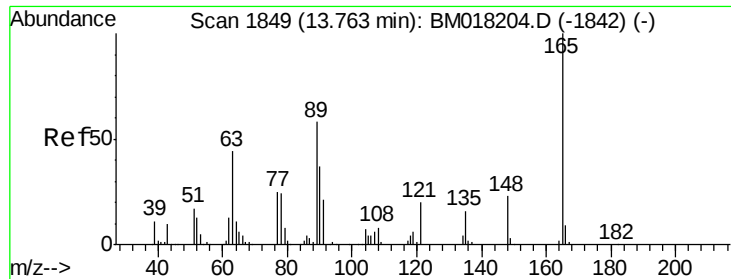


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

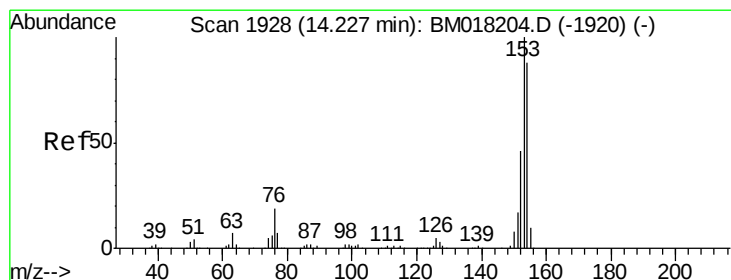
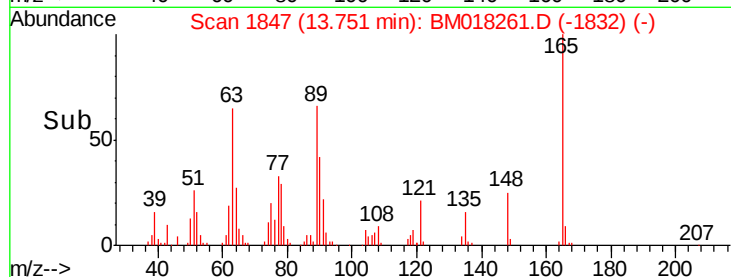
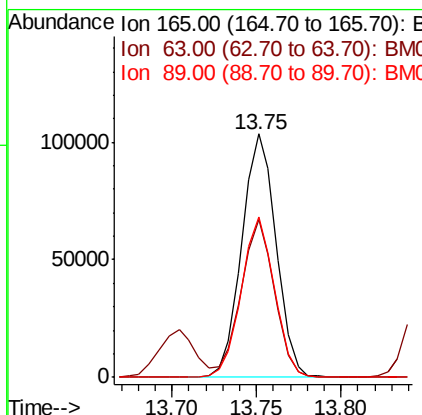
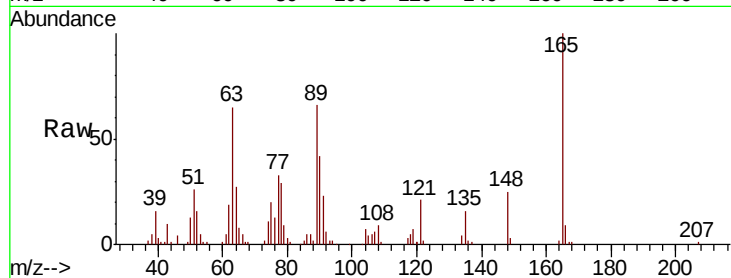




#51
 2,6-Dinitrotoluene
 Concen: 38.355 ng
 RT: 13.75 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

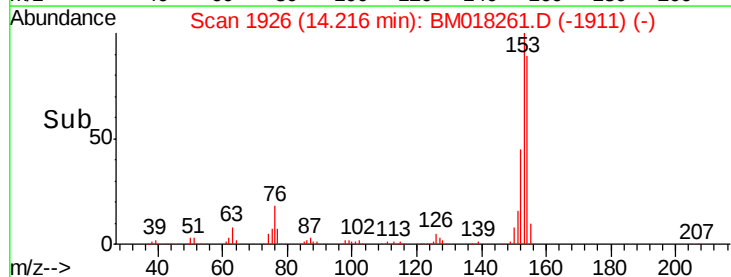
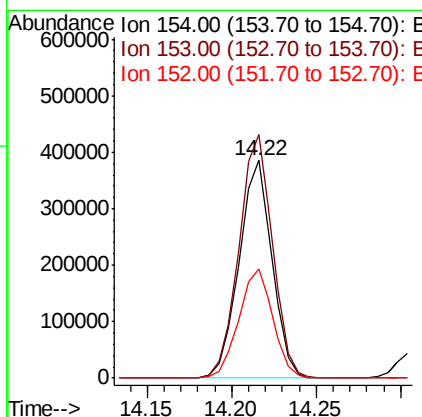
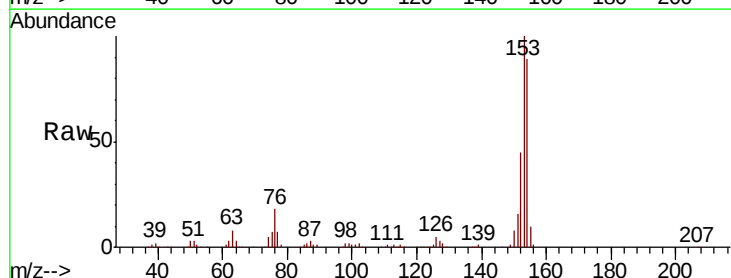
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BSD

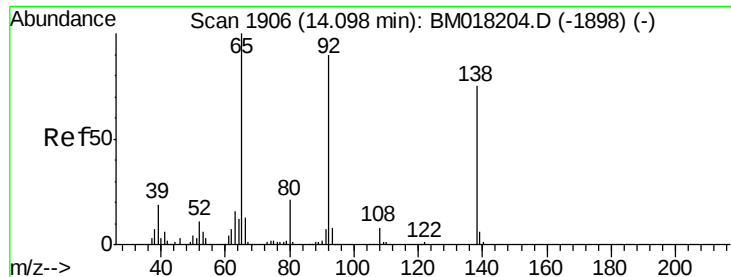
Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.6	46.6	69.8
89	66.1	46.3	69.5



#52
 Acenaphthene
 Concen: 41.034 ng
 RT: 14.22 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.4	135.6
152	50.1	41.2	61.8

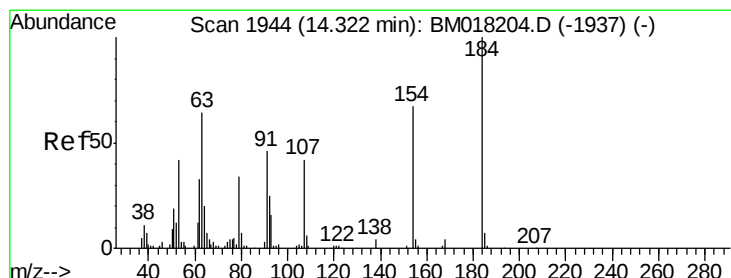
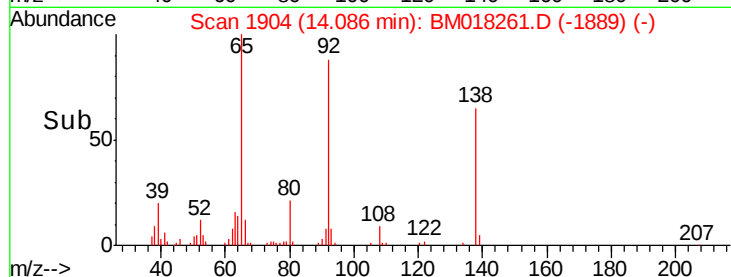
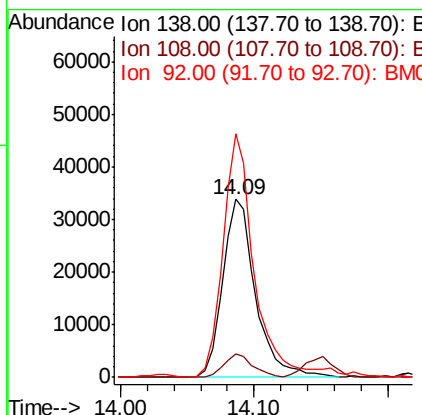
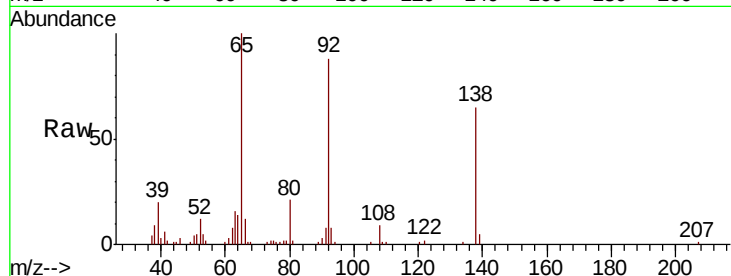




#53
 3-Nitroaniline
 Concen: 14.536 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

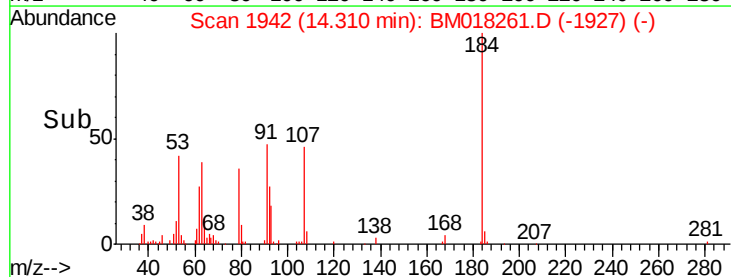
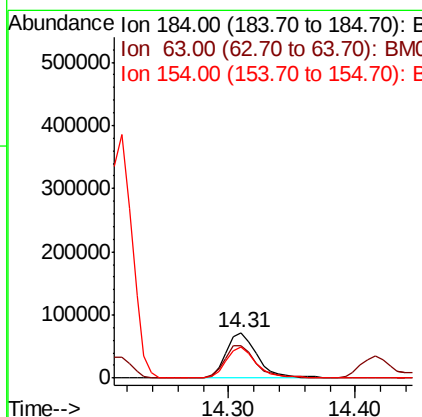
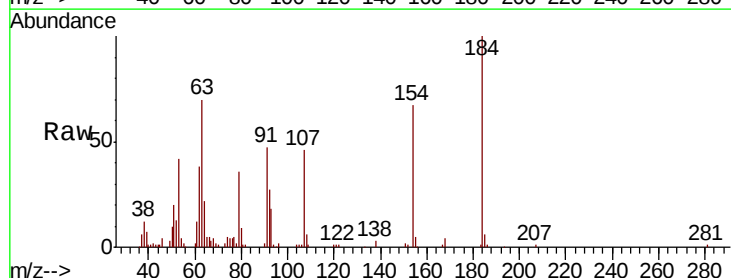
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BSD

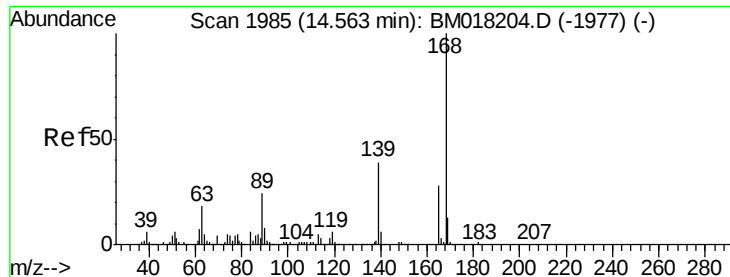
Tgt Ion:138 Resp: 58323
 Ion Ratio Lower Upper
 138 100
 108 13.2 8.4 12.6#
 92 136.8 94.9 142.3



#54
 2,4-Dinitrophenol
 Concen: 58.327 ng
 RT: 14.31 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

Tgt Ion:184 Resp: 122675
 Ion Ratio Lower Upper
 184 100
 63 70.0 51.6 77.4
 154 67.5 54.0 81.0





#55

Dibenzofuran

Concen: 39.821 ng

RT: 14.56 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

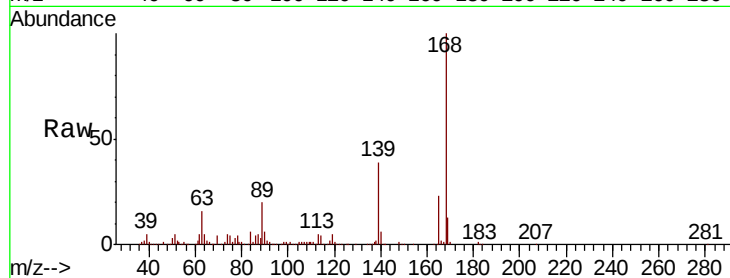
Tgt Ion:168 Resp: 814013

Ion Ratio Lower Upper

168 100

139 39.0 31.2 46.8

169 13.0 10.4 15.6

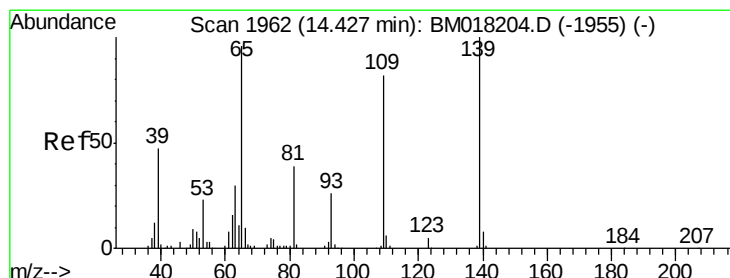
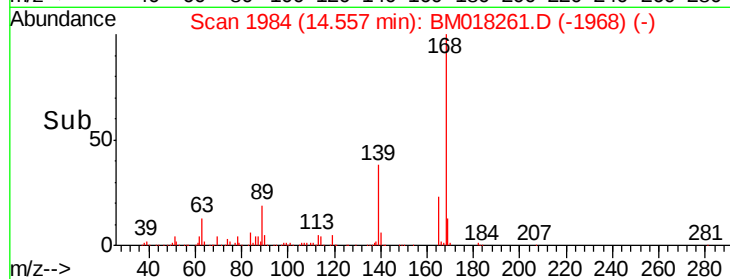
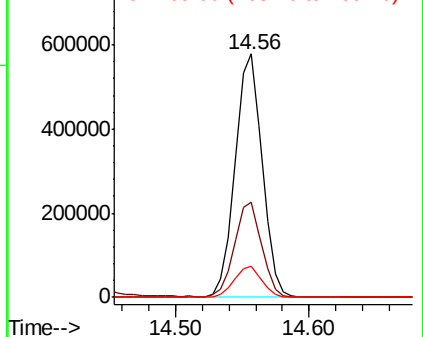


Abundance

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: 63.006 ng

RT: 14.42 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

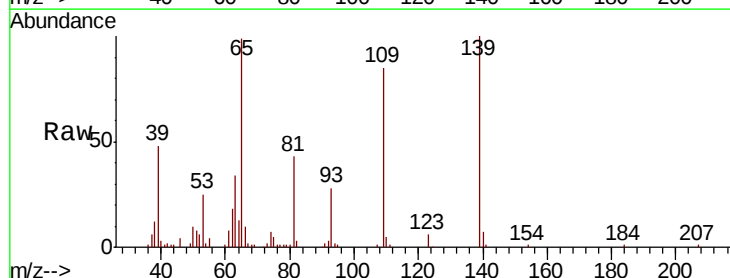
Tgt Ion:139 Resp: 191669

Ion Ratio Lower Upper

139 100

109 85.4 62.3 102.3

65 99.3 76.4 116.4

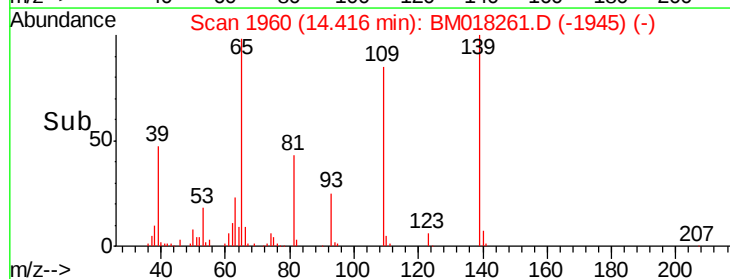
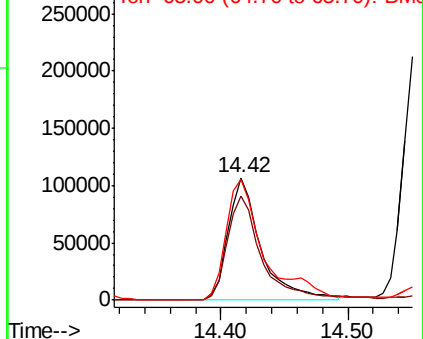


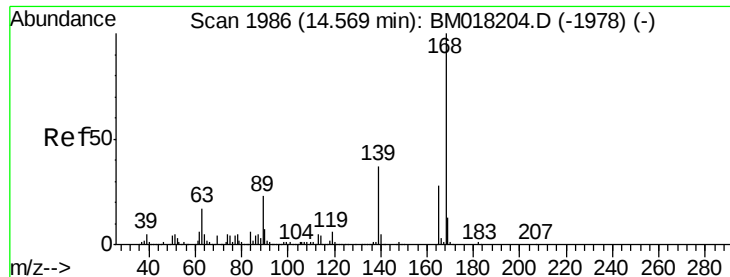
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

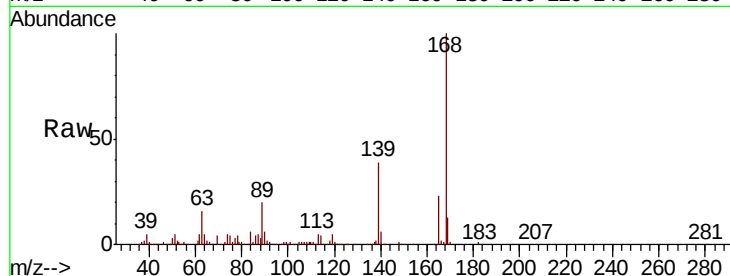




#57
2,4-Dinitrotoluene
Concen: 36.886 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Instrument :
BNA_M
ClientSampleId :
PB115777BSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	71.2	47.2	70.8
89	86.1	65.8	98.8
182	2.9	2.2	3.4



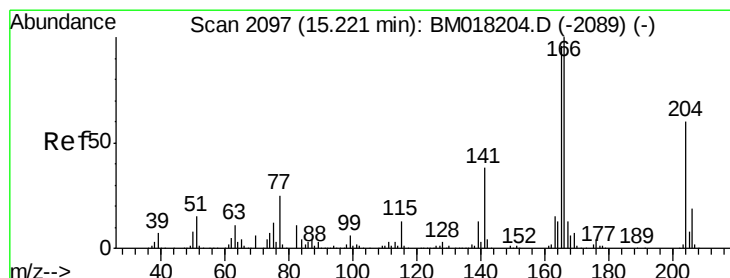
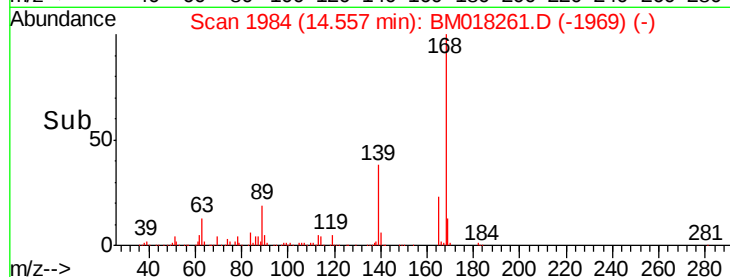
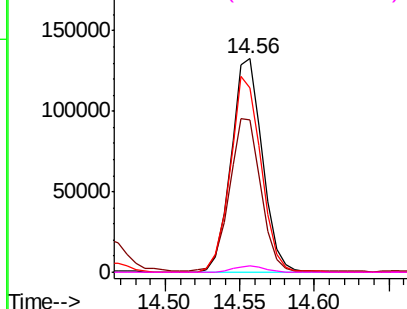
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

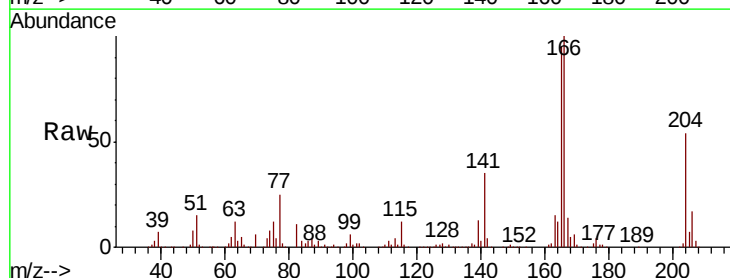
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.726 ng
RT: 15.21 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.9	76.9	115.3
167	13.6	10.5	15.7

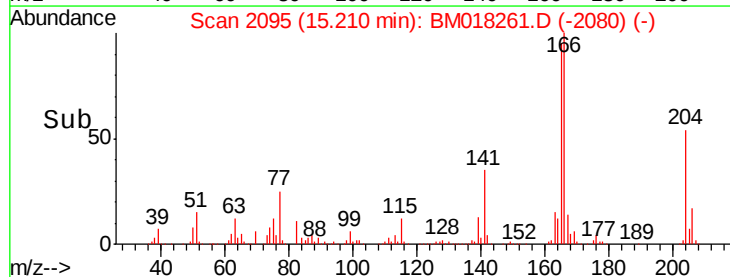
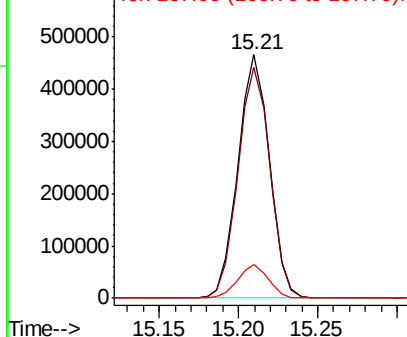


Abundance

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

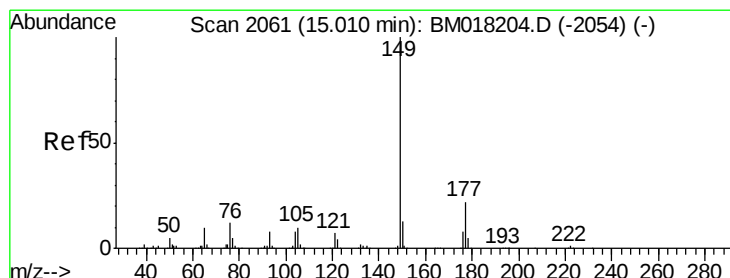
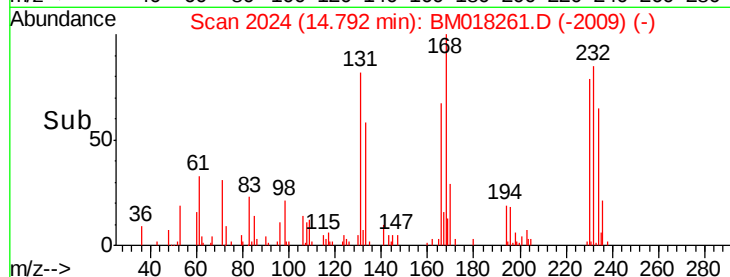
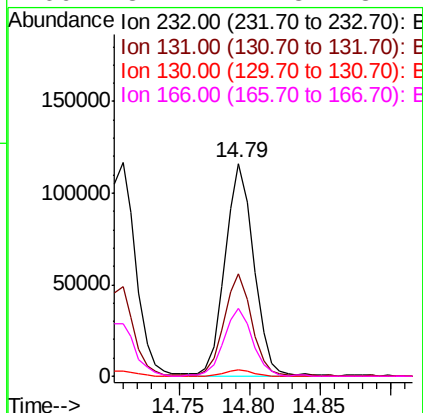
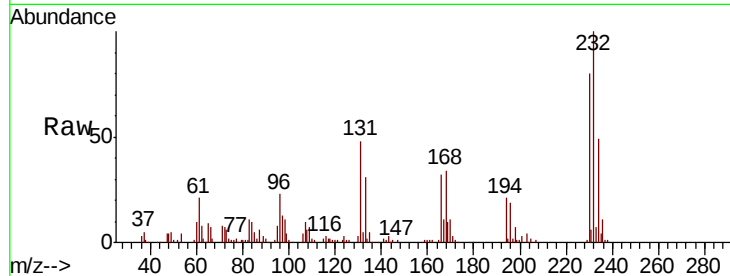




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.100 ng
 RT: 14.79 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

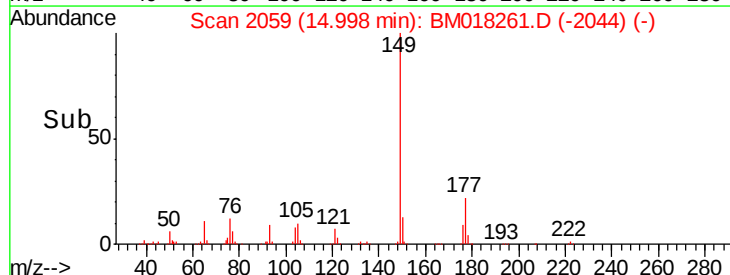
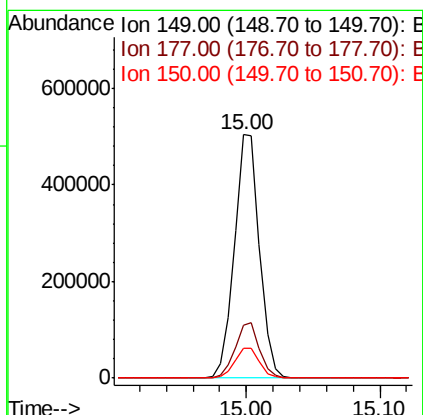
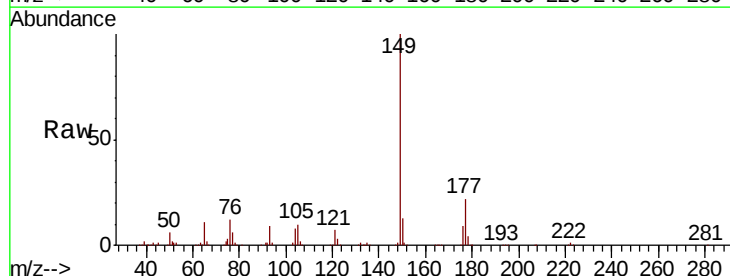
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BSD

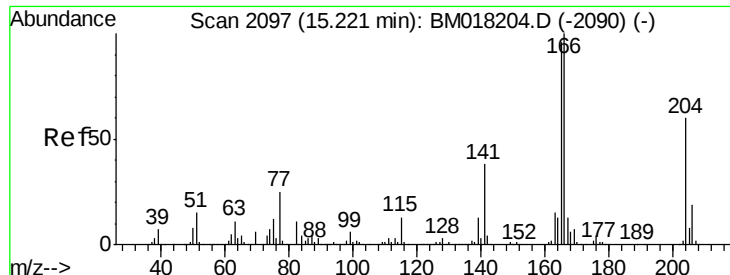
Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.1	36.2	54.2
130	2.7	1.8	2.6#
166	32.2	24.8	37.2



#60
 Diethylphthalate
 Concen: 35.238 ng
 RT: 15.00 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.8	26.8
150	12.5	10.3	15.5

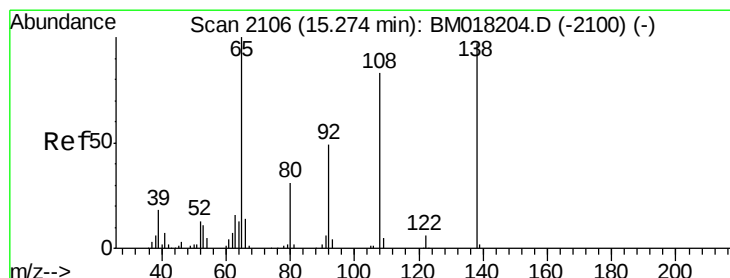
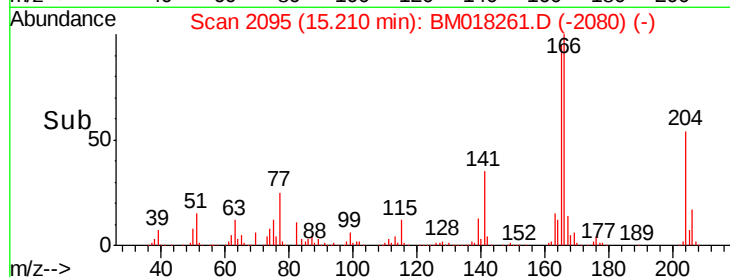
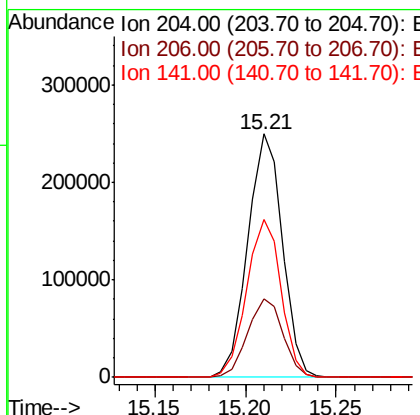
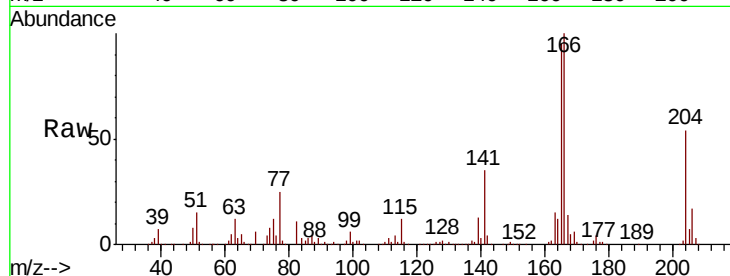




#61
 4-Chlorophenyl-phenylether
 Concen: 37.108 ng
 RT: 15.21 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

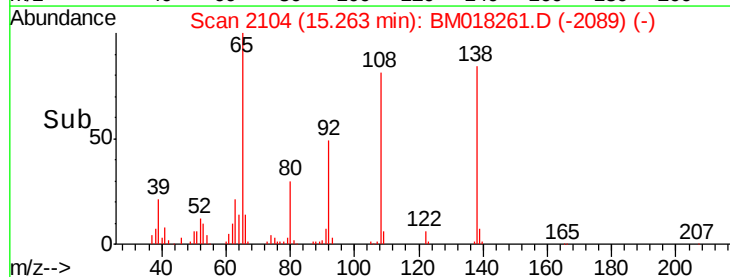
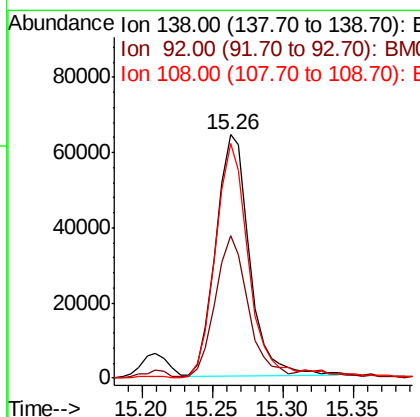
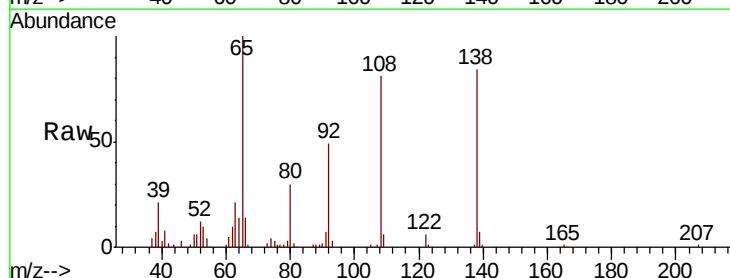
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BSD

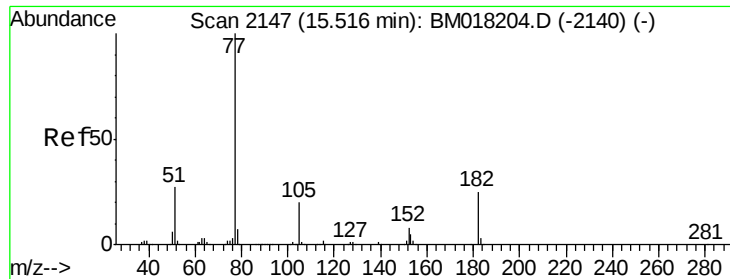
Tgt Ion:204 Resp: 331338
 Ion Ratio Lower Upper
 204 100
 206 32.3 25.8 38.6
 141 64.8 50.2 75.4



#62
 4-Nitroaniline
 Concen: 28.081 ng
 RT: 15.26 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

Tgt Ion:138 Resp: 106908
 Ion Ratio Lower Upper
 138 100
 92 58.4 31.1 71.1
 108 96.3 65.0 105.0





#63

Azobenzene

Concen: 39.259 ng

RT: 15.50 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

Tgt Ion: 77 Resp: 670020

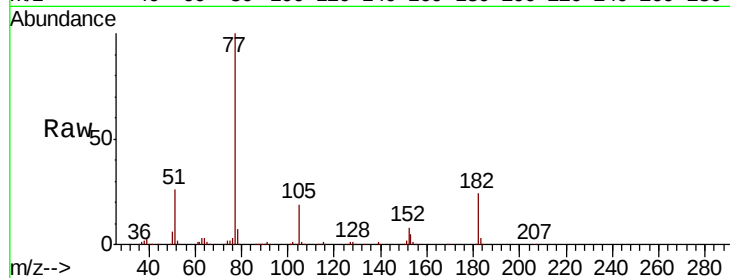
Ion Ratio Lower Upper

77 100

182 23.5 4.6 44.6

105 19.2 0.2 40.2

51 26.2 7.0 47.0

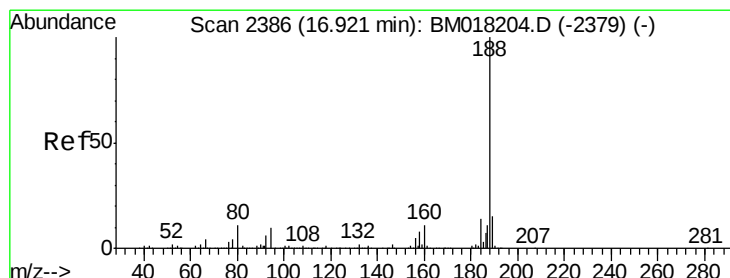
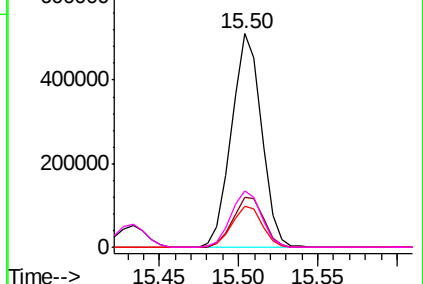
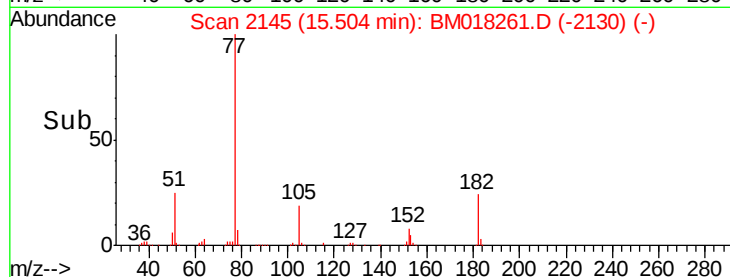


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

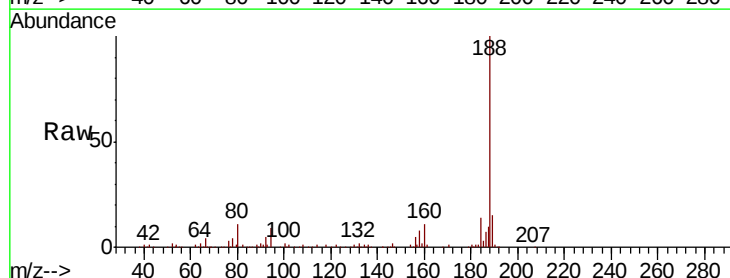
Tgt Ion: 188 Resp: 370475

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

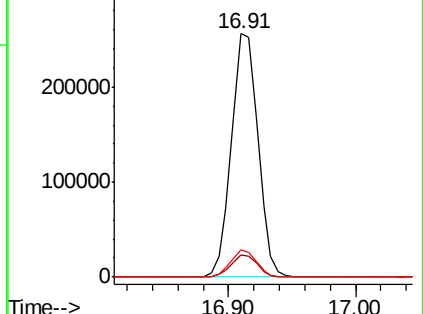
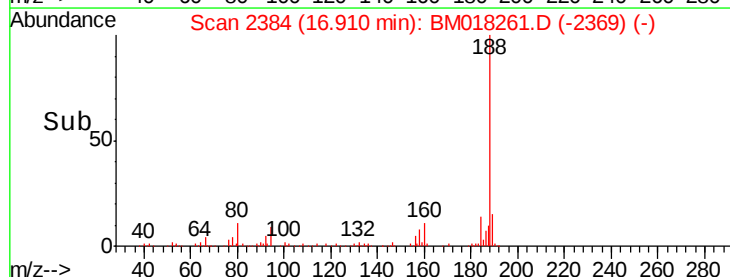
80 11.0 9.0 13.6

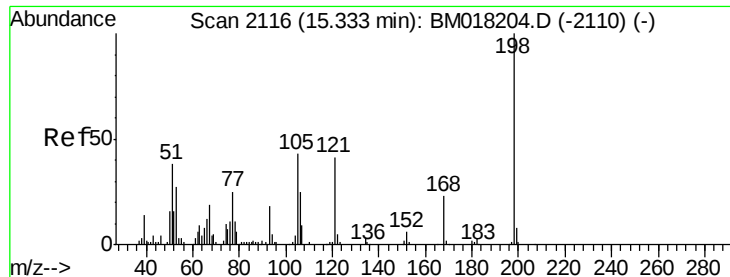


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 30.166 ng

RT: 15.32 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

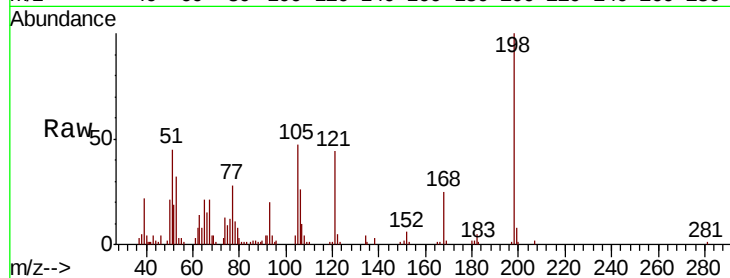
Tgt Ion:198 Resp: 82273

Ion Ratio Lower Upper

198 100

51 44.8 18.6 58.6

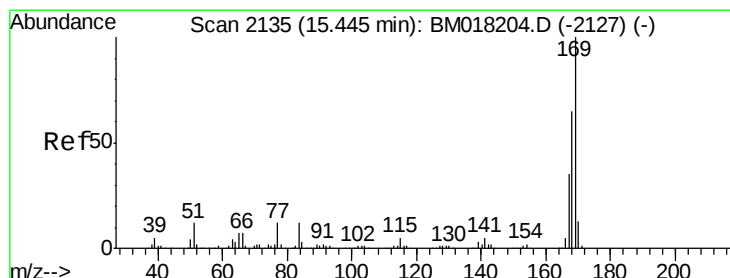
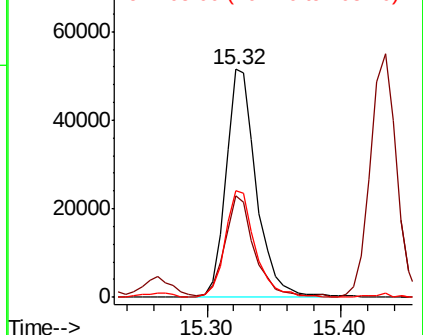
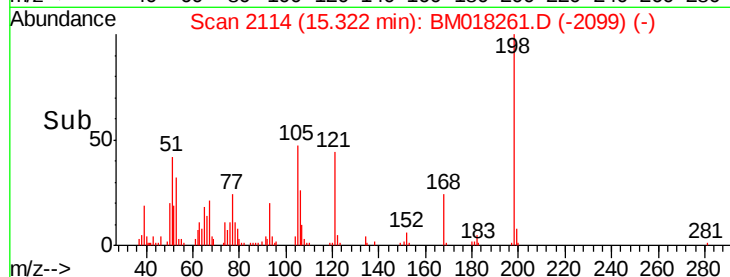
105 47.1 22.9 62.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.928 ng

RT: 15.43 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

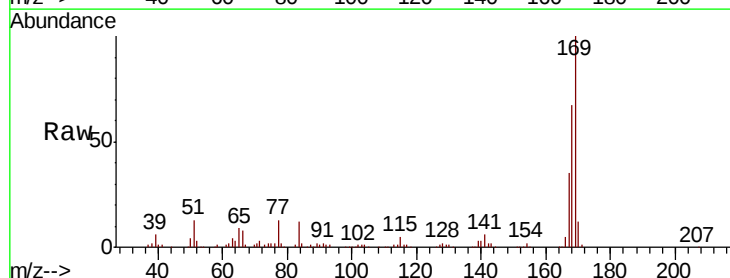
Tgt Ion:169 Resp: 538159

Ion Ratio Lower Upper

169 100

168 67.0 52.2 78.4

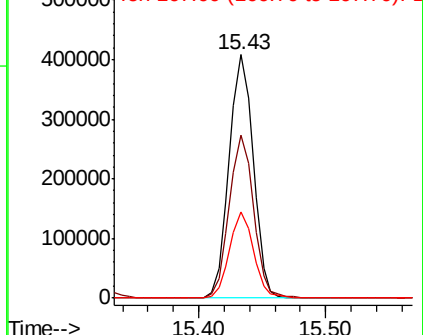
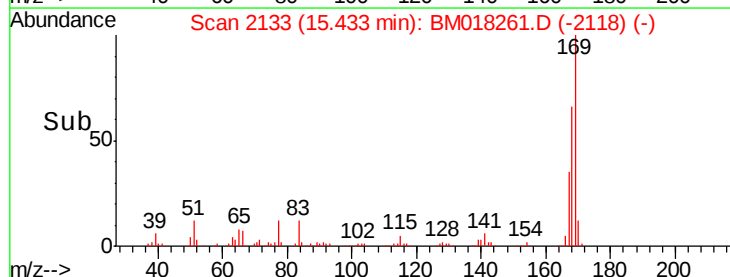
167 35.4 27.6 41.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

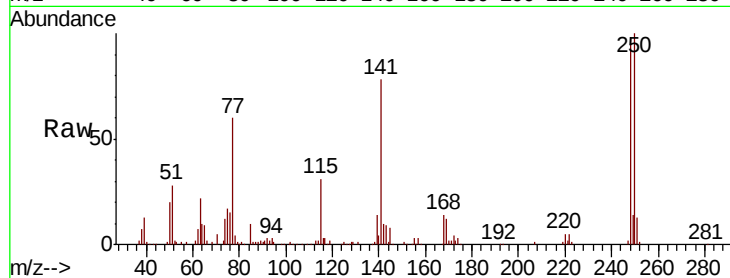




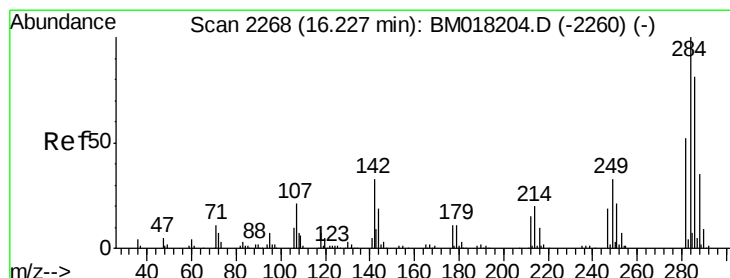
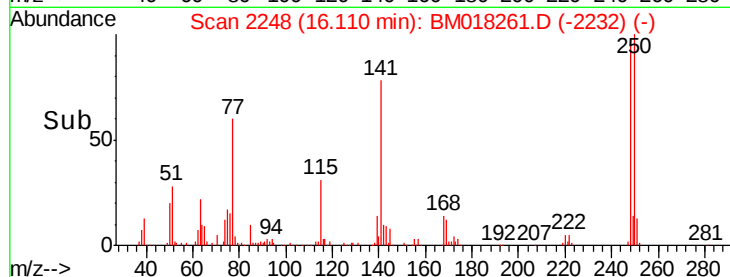
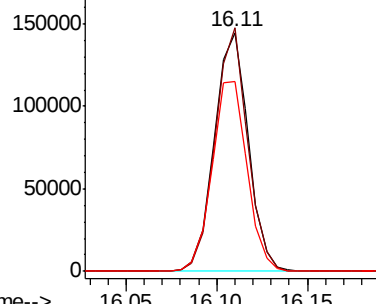
#67
 4-Bromophenyl-phenylether
 Concen: 41.960 ng
 RT: 16.11 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

Instrument :
 BNA_M
 ClientSampleId :
 PB115777BSD

Tgt Ion: 248 Resp: 188267
 Ion Ratio Lower Upper
 248 100
 250 101.9 78.7 118.1
 141 79.6 62.2 93.4

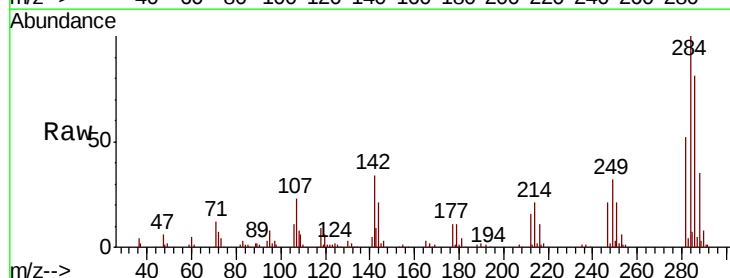


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

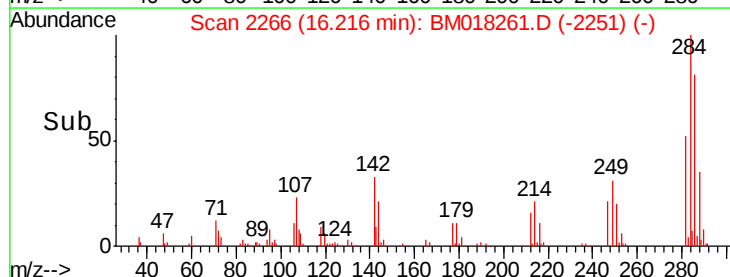
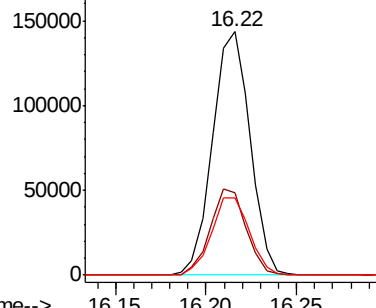


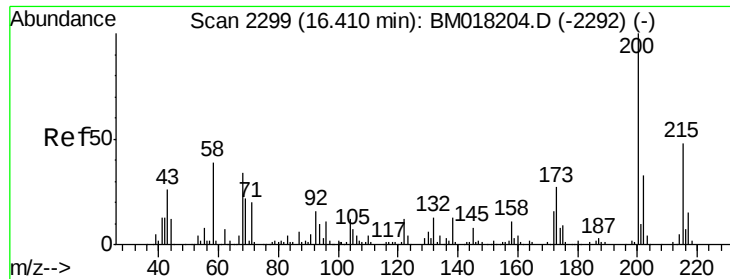
#68
 Hexachlorobenzene
 Concen: 41.989 ng
 RT: 16.22 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

Tgt Ion: 284 Resp: 206394
 Ion Ratio Lower Upper
 284 100
 142 34.0 26.2 39.4
 249 31.8 26.2 39.2



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: 43.092 ng

RT: 16.40 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

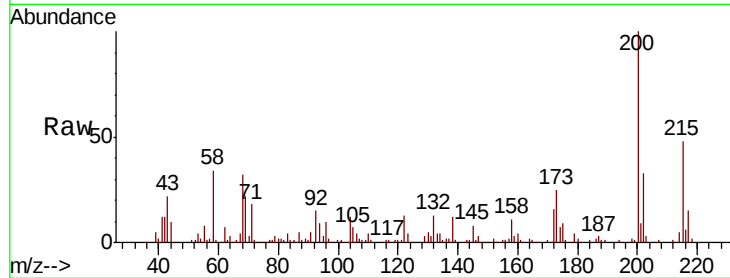
Tgt Ion:200 Resp: 178224

Ion Ratio Lower Upper

200 100

173 25.5 6.9 46.9

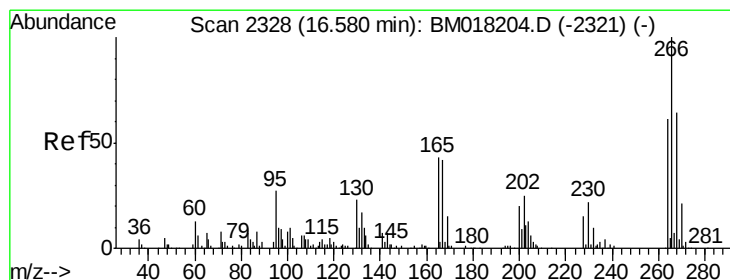
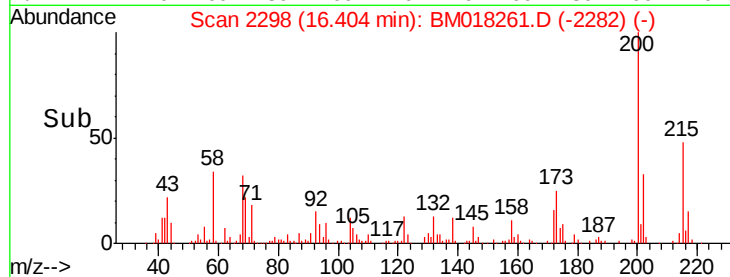
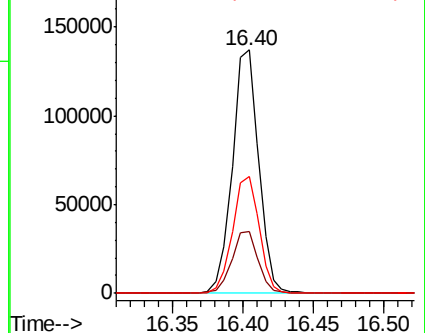
215 47.9 27.9 67.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 67.133 ng

RT: 16.57 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

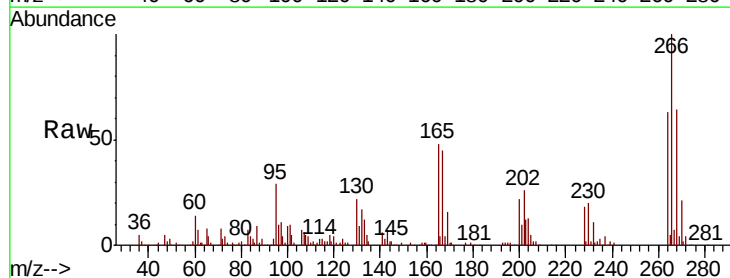
Tgt Ion:266 Resp: 217933

Ion Ratio Lower Upper

266 100

268 63.9 51.1 76.7

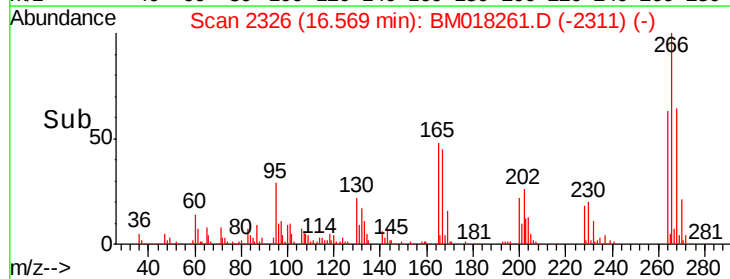
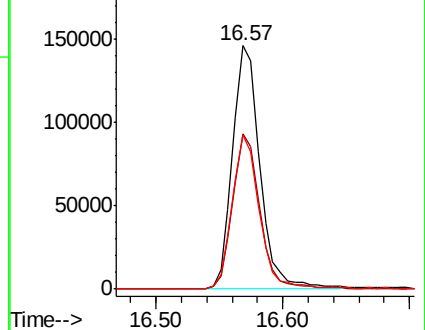
264 63.5 49.0 73.4

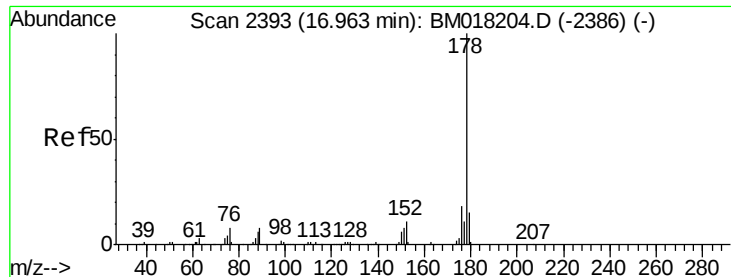


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

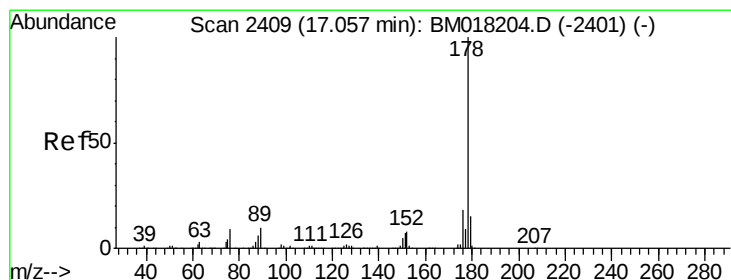
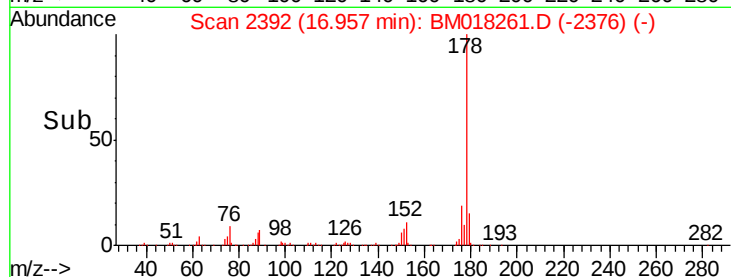
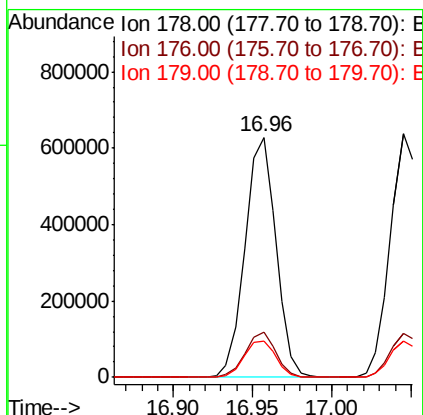
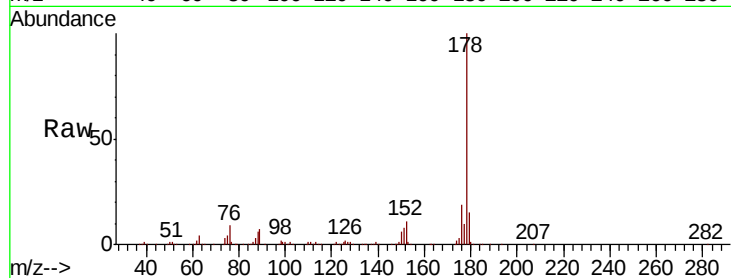




#71
Phenanthrene
Concen: 42.364 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

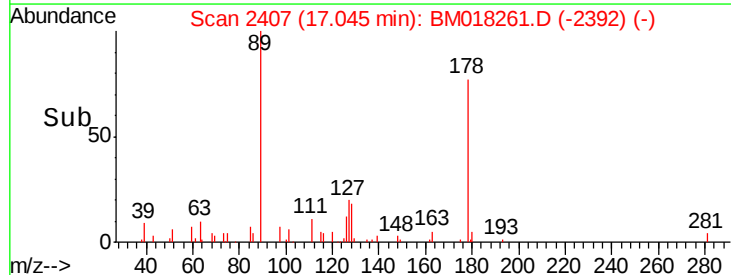
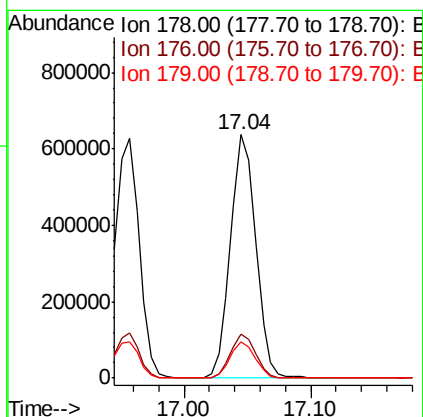
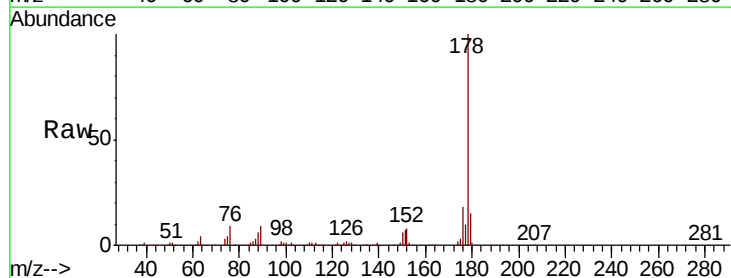
Instrument :
BNA_M
ClientSampleId :
PB115777BSD

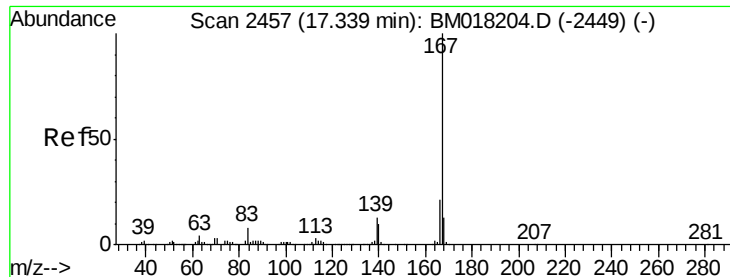
Tgt Ion:178 Resp: 852515
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.0 12.0 18.0



#72
Anthracene
Concen: 43.999 ng
RT: 17.04 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:178 Resp: 878394
Ion Ratio Lower Upper
178 100
176 17.9 14.3 21.5
179 14.8 12.0 18.0

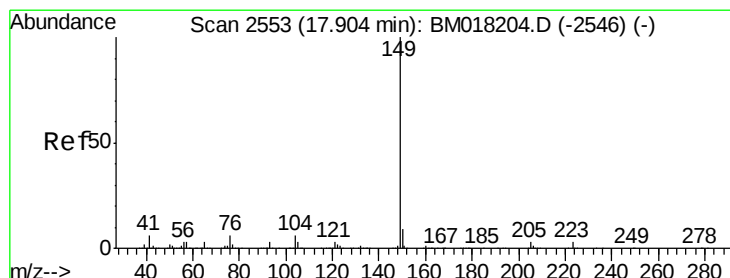
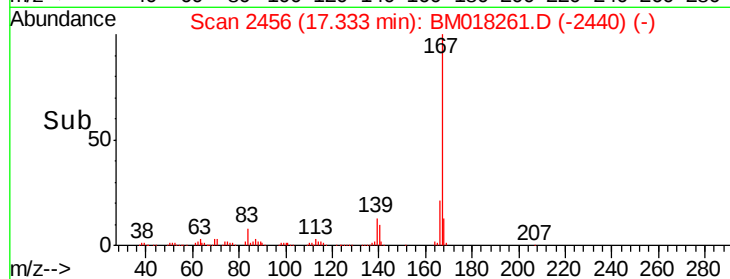
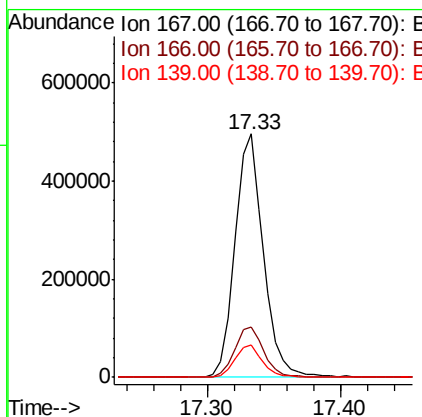
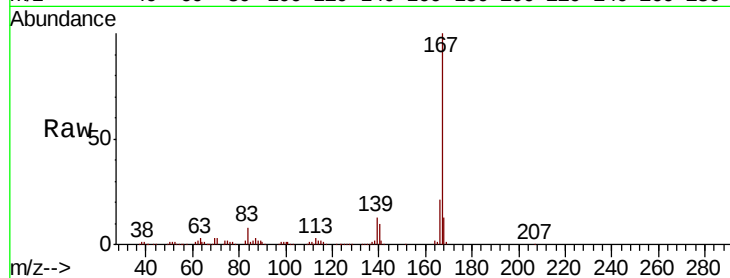




#73
 Carbazole
 Concen: 35.802 ng
 RT: 17.33 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

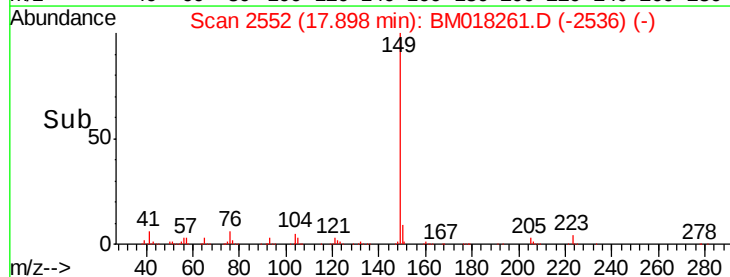
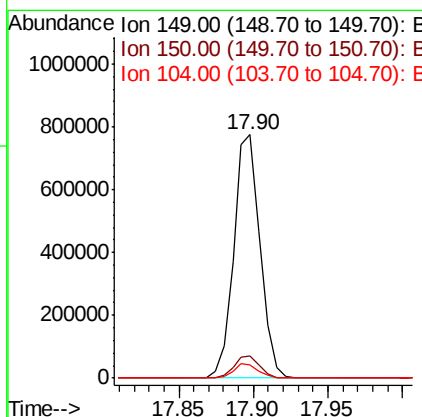
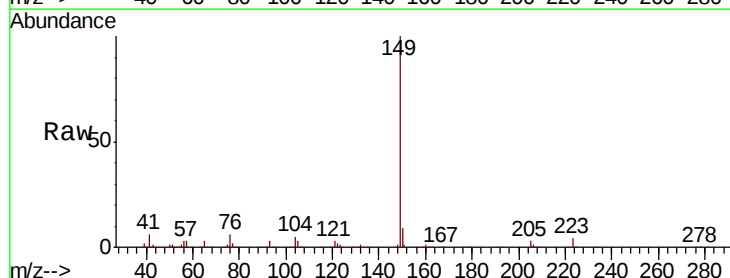
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BSD

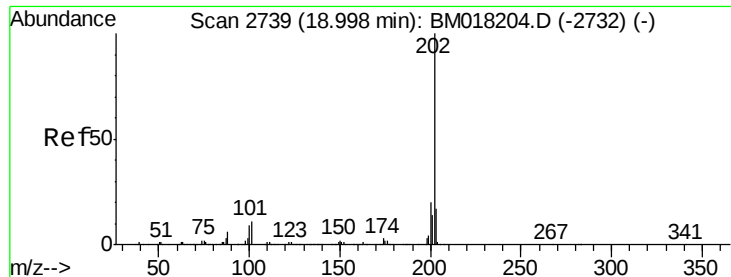
Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.8	25.2
139	13.3	10.3	15.5



#74
 Di-n-butylphthalate
 Concen: 37.759 ng
 RT: 17.90 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018261.D
 Acq: 17 Dec 2018 23:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.3	4.8	7.2





#75

Fluoranthene

Concen: 37.908 ng

RT: 18.99 min Scan# 2737

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

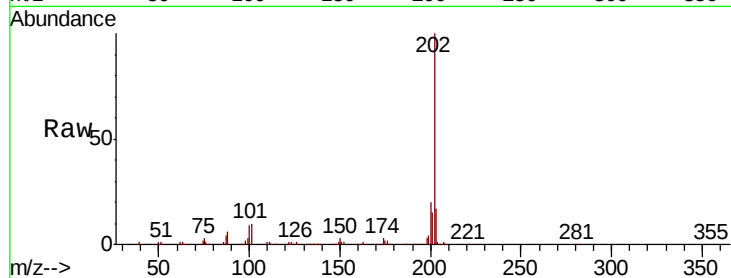
Tgt Ion:202 Resp: 886903

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.5

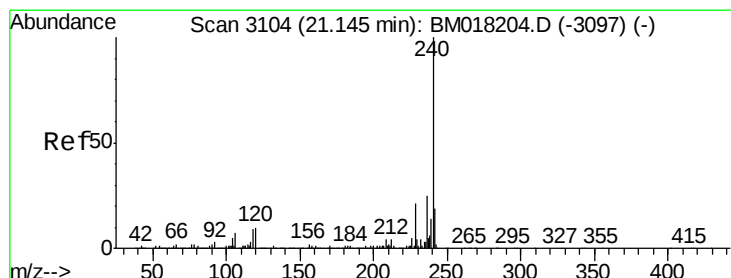
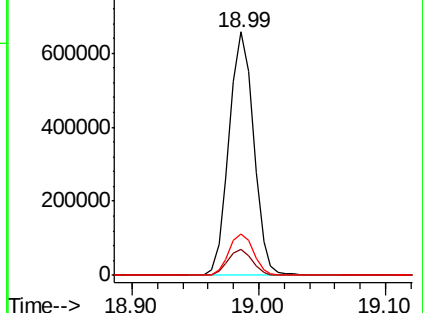
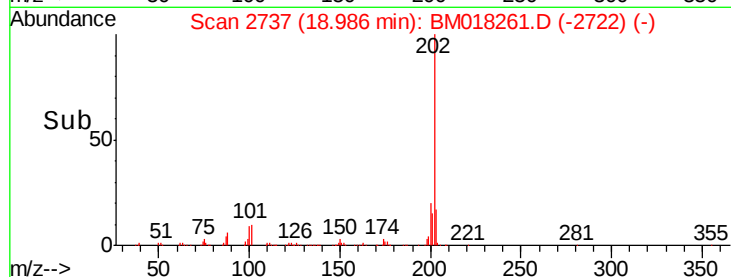
203 17.0 0.0 37.5



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: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

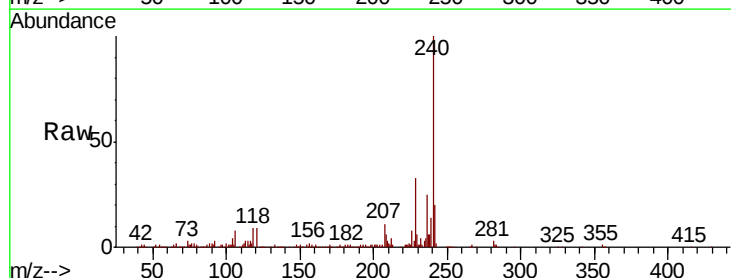
Tgt Ion:240 Resp: 364349

Ion Ratio Lower Upper

240 100

120 9.1 8.2 12.2

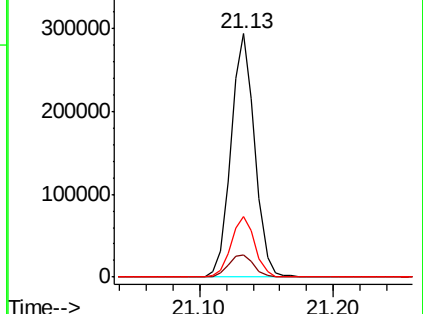
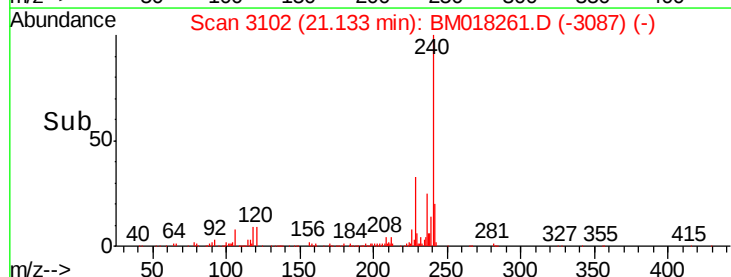
236 25.0 20.3 30.5

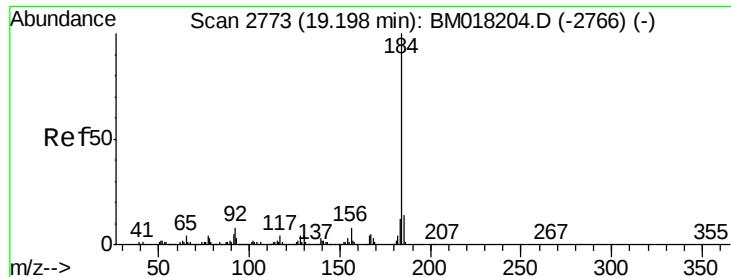


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.743 ng

RT: 19.20 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

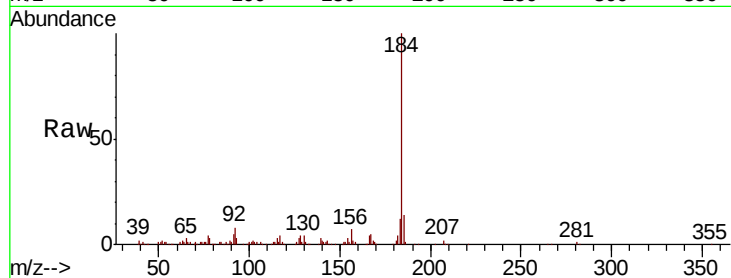
Tgt Ion:184 Resp: 357953

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

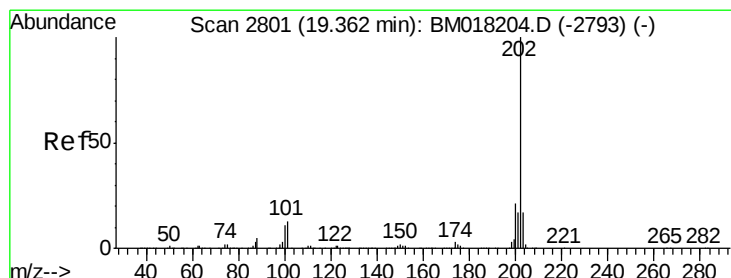
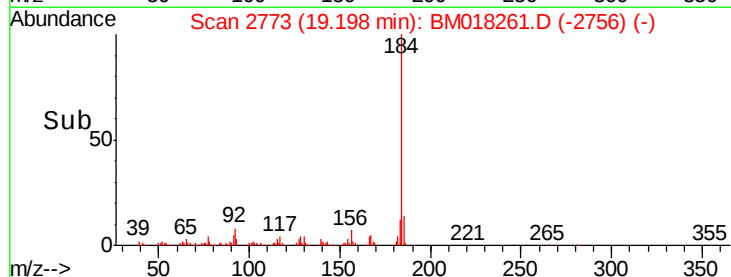
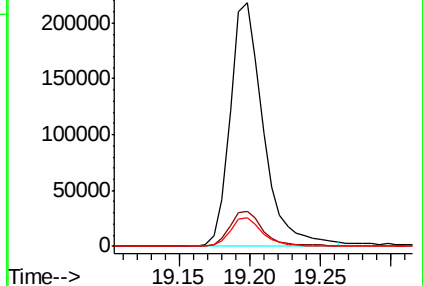
183 11.9 9.7 14.5



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: 41.547 ng

RT: 19.35 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

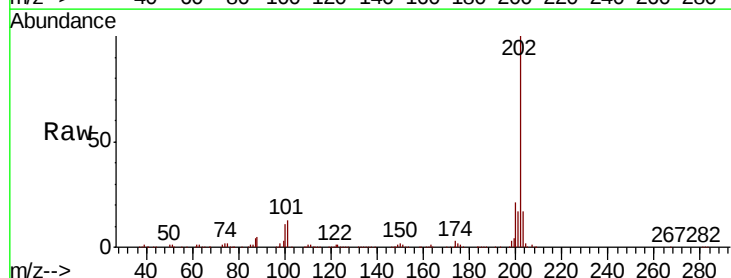
Tgt Ion:202 Resp: 901966

Ion Ratio Lower Upper

202 100

200 20.8 16.5 24.7

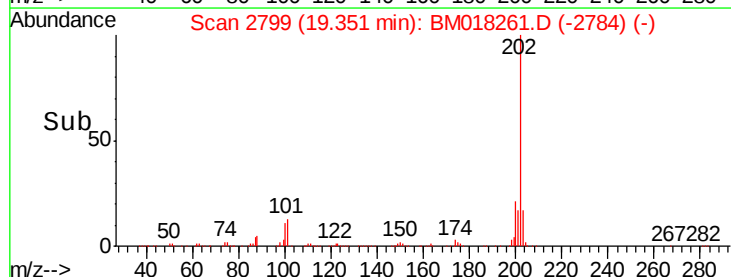
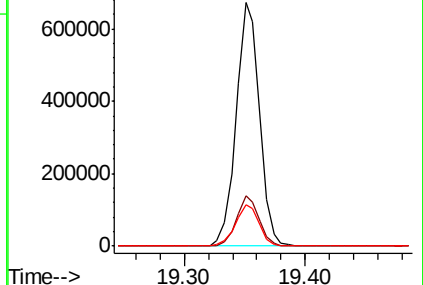
203 16.8 14.0 21.0

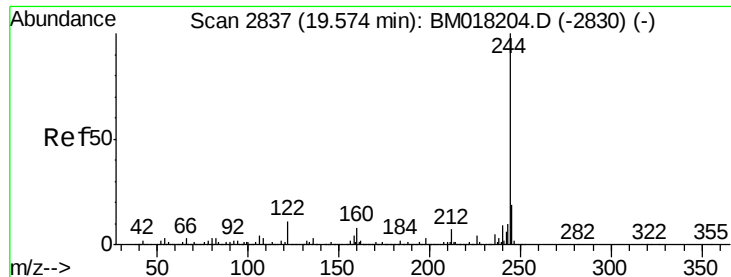


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.507 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

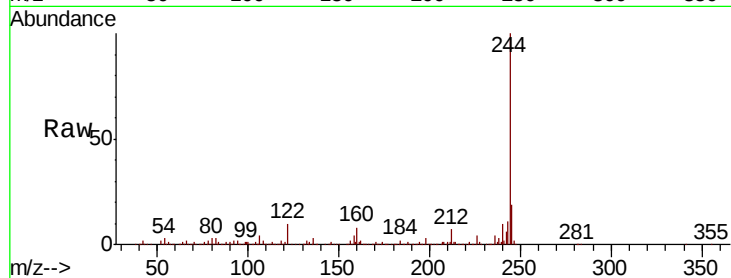
Tgt Ion:244 Resp: 1248634

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

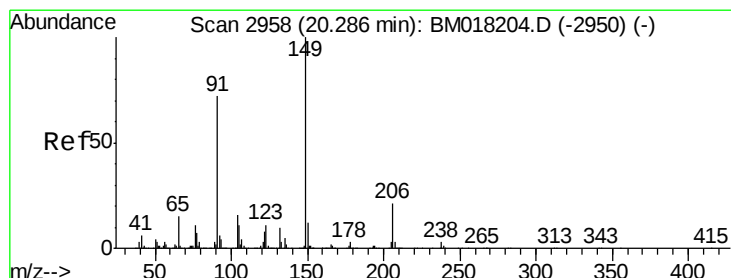
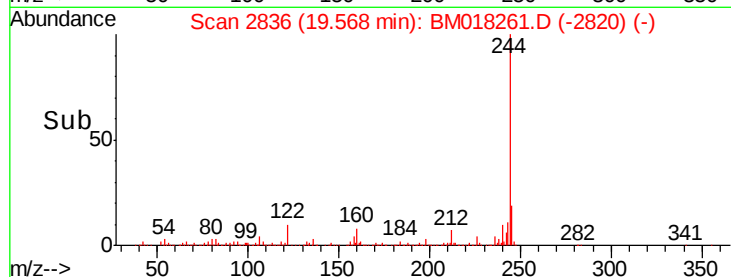
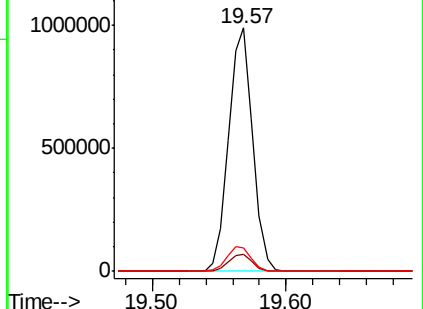
122 9.8 9.0 13.6



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: 36.766 ng

RT: 20.27 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

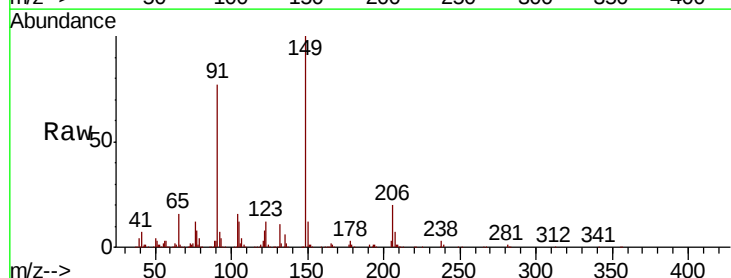
Tgt Ion:149 Resp: 379714

Ion Ratio Lower Upper

149 100

91 76.9 57.4 86.2

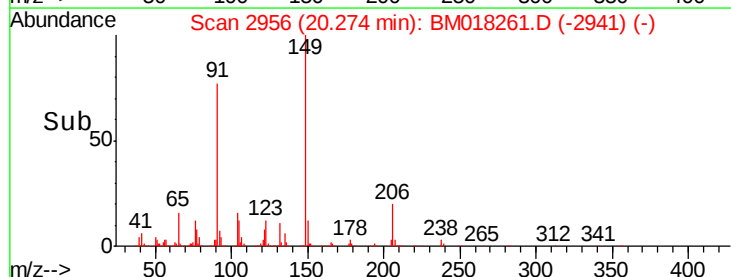
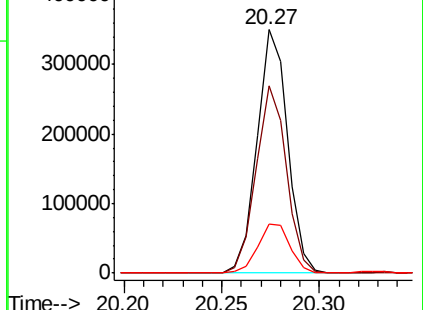
206 20.3 17.0 25.4

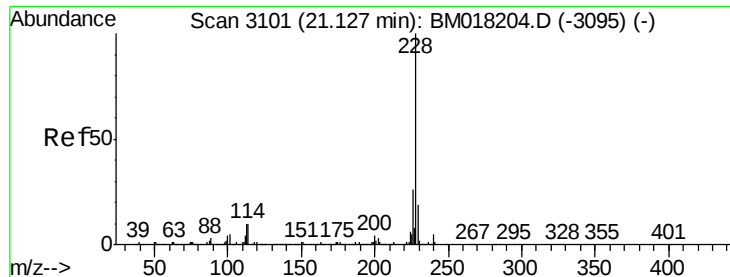


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.059 ng

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

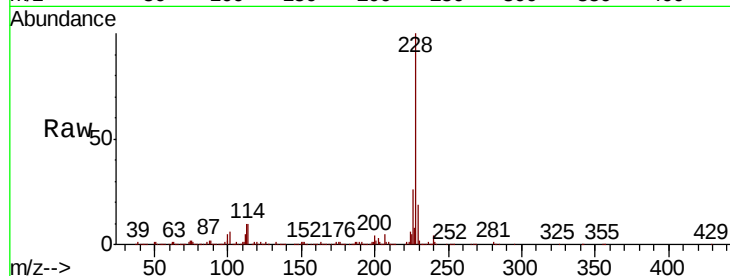
Tgt Ion:228 Resp: 916451

Ion Ratio Lower Upper

228 100

226 25.9 21.0 31.4

229 19.4 15.5 23.3

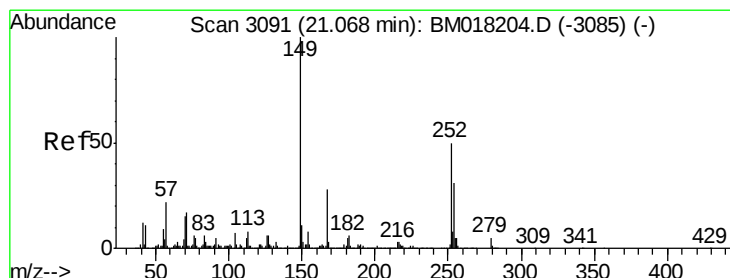
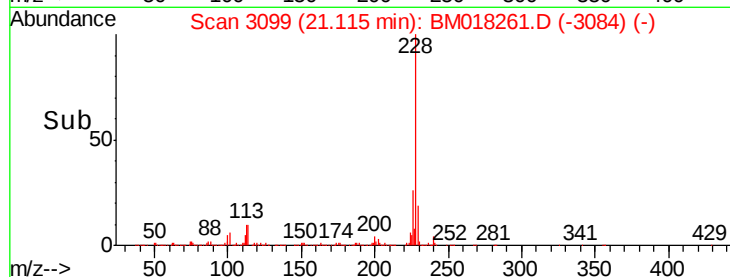
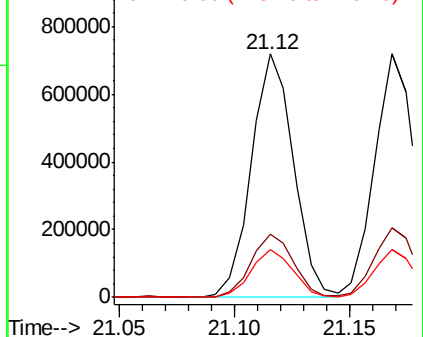


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.833 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

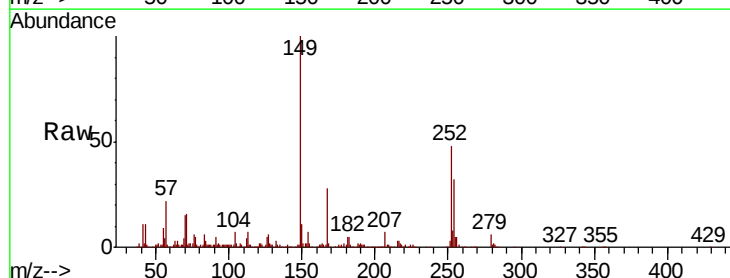
Tgt Ion:252 Resp: 279176

Ion Ratio Lower Upper

252 100

254 67.3 50.4 75.6

126 11.2 9.4 14.0

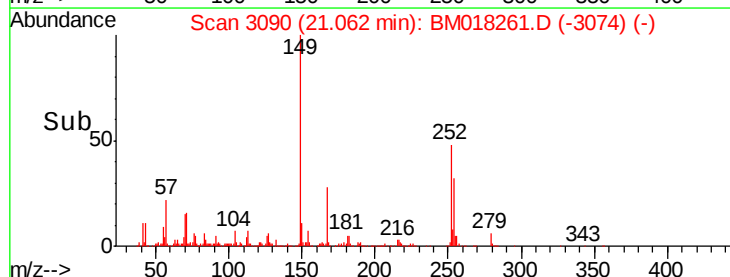
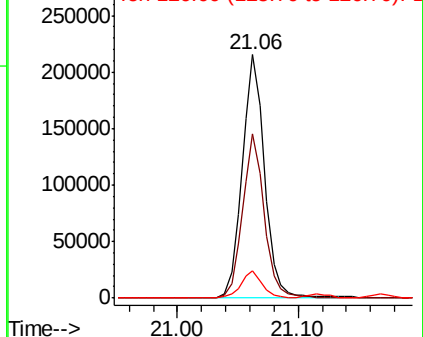


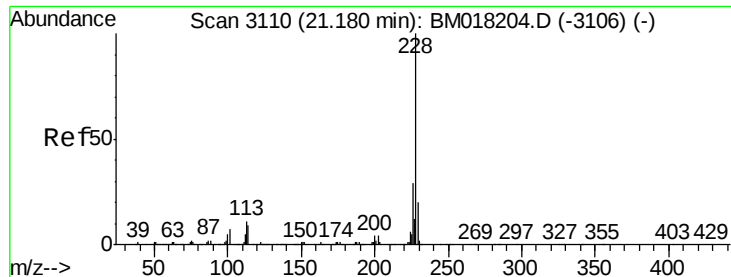
Abundance

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

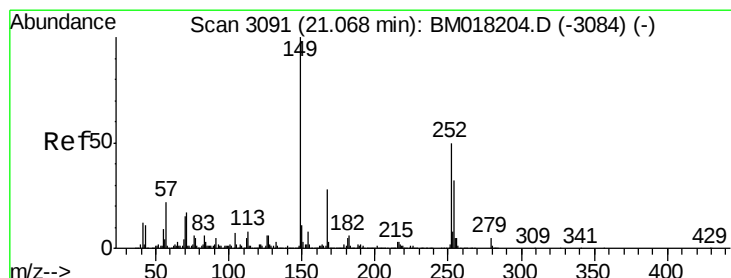
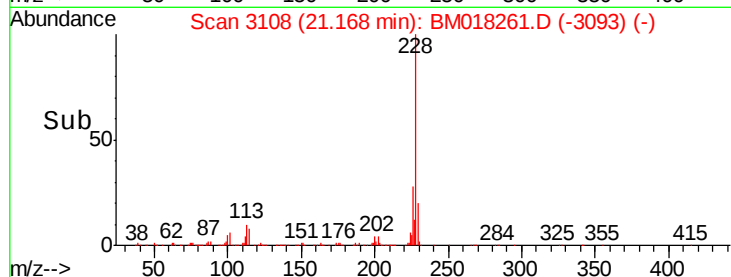
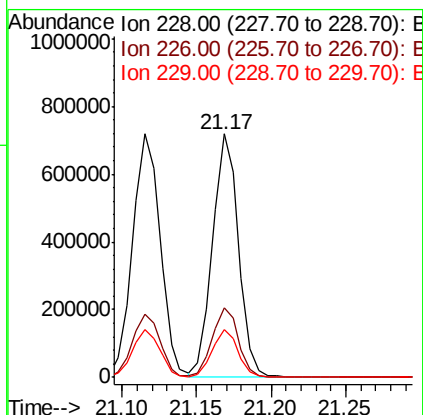
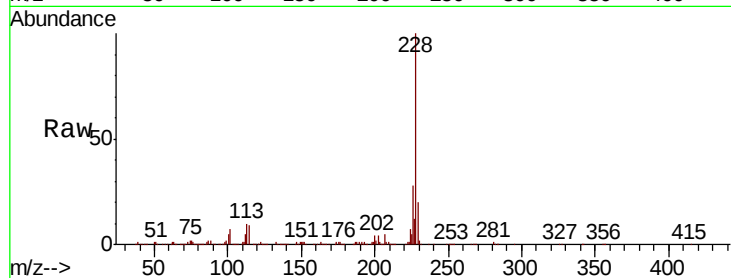




#83
Chrysene
Concen: 42.596 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

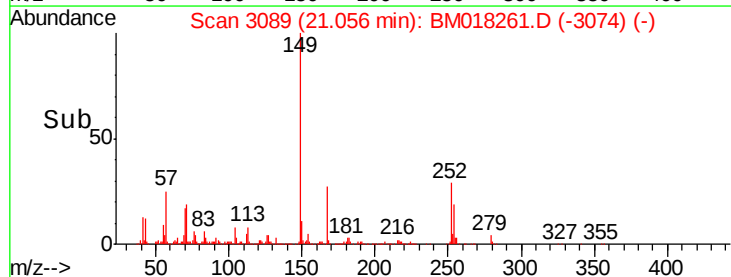
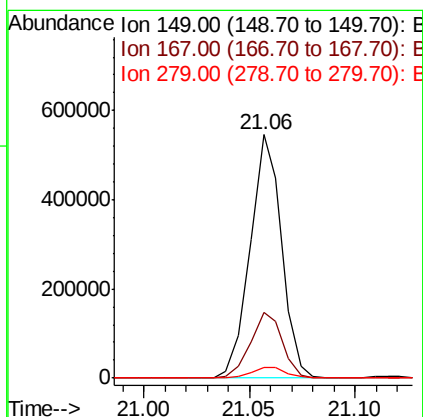
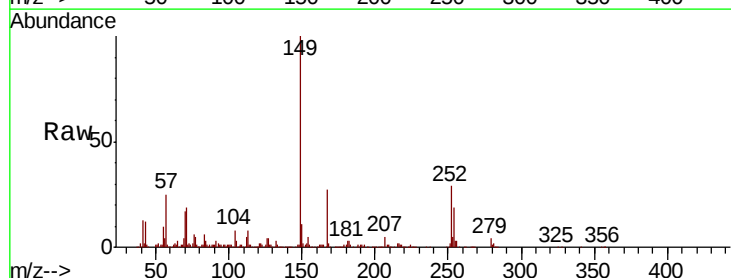
Instrument :
BNA_M
ClientSampleId :
PB115777BSD

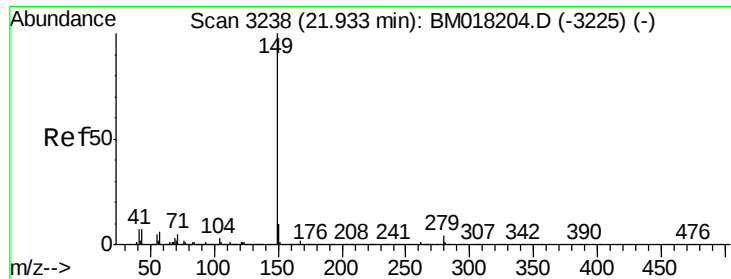
Tgt Ion: 228 Resp: 872009
Ion Ratio Lower Upper
228 100
226 28.4 23.1 34.7
229 19.8 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.731 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion: 149 Resp: 565376
Ion Ratio Lower Upper
149 100
167 27.1 22.7 34.1
279 4.4 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 39.472 ng

RT: 21.92 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

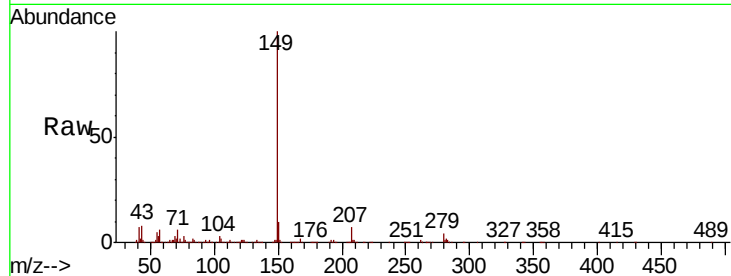
Tgt Ion:149 Resp: 995040

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

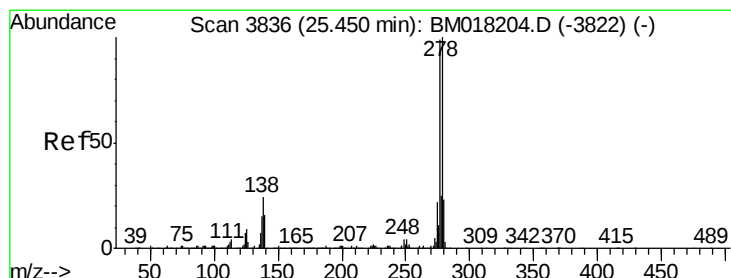
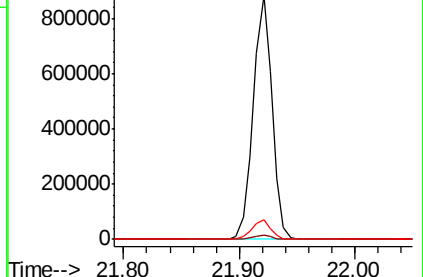
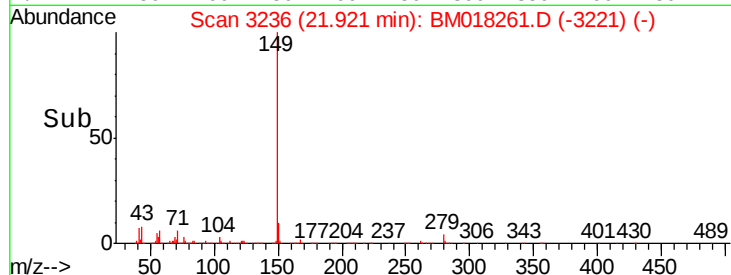
43 7.8 6.2 9.4



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: 68.598 ng

RT: 25.43 min Scan# 3832

Delta R.T. -0.02 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

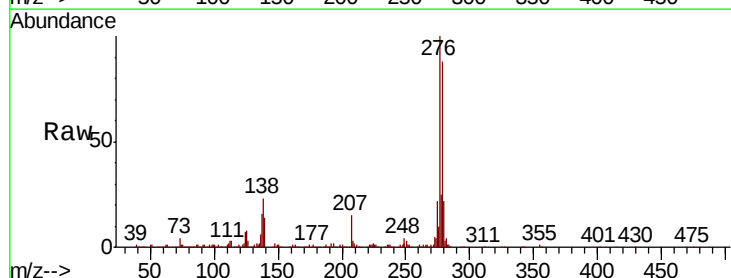
Tgt Ion:276 Resp: 1398862

Ion Ratio Lower Upper

276 100

138 22.0 18.6 28.0

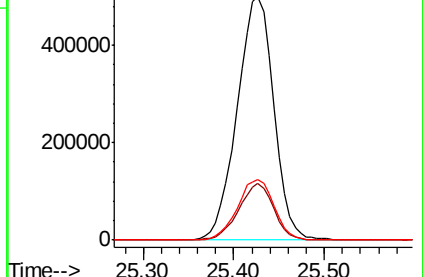
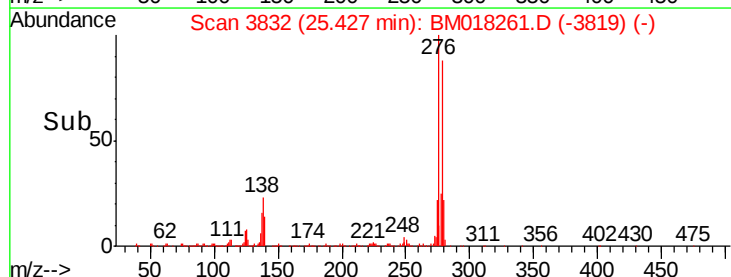
277 25.3 20.3 30.5

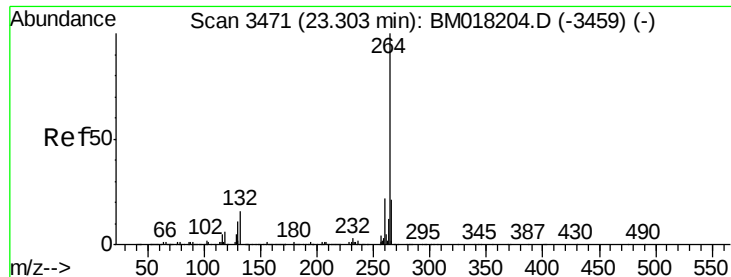


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.29 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

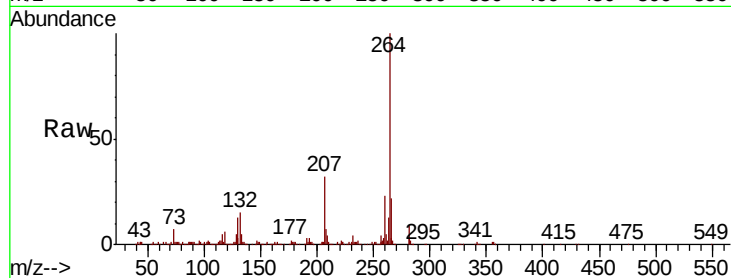
Tgt Ion:264 Resp: 447291

Ion Ratio Lower Upper

264 100

260 22.6 17.5 26.3

265 22.0 17.3 25.9

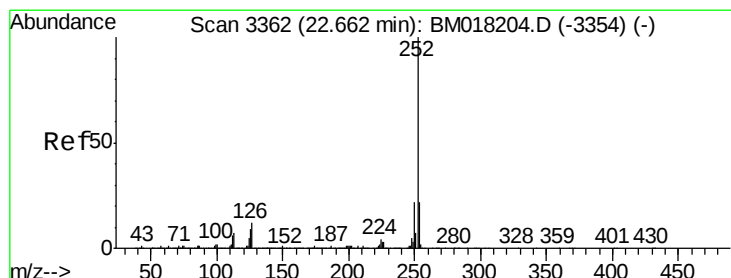
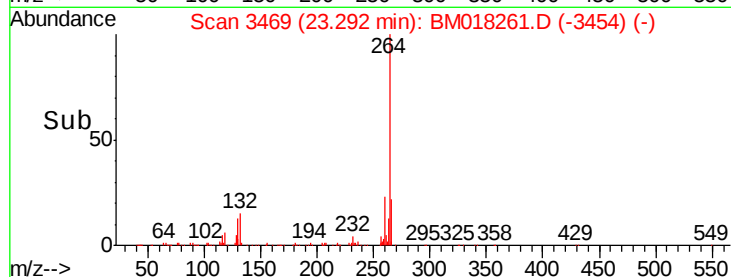
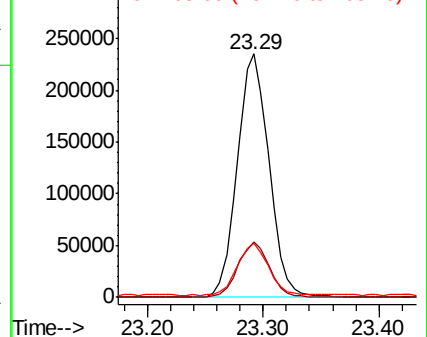


Abundance

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: 42.629 ng

RT: 22.65 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

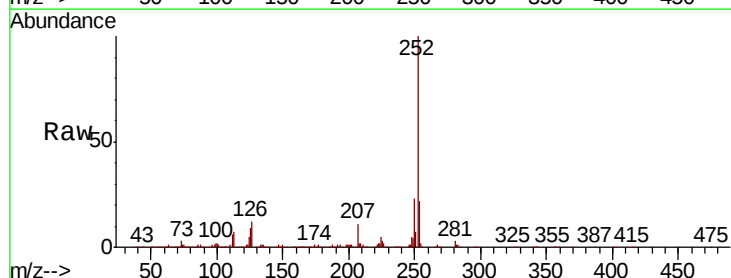
Tgt Ion:252 Resp: 1071062

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 8.8 7.4 11.0

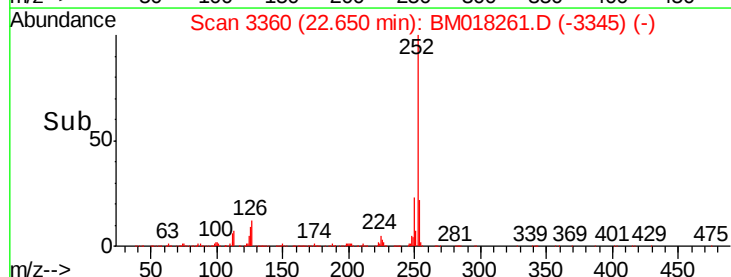
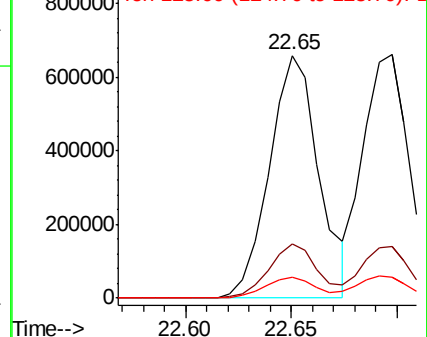


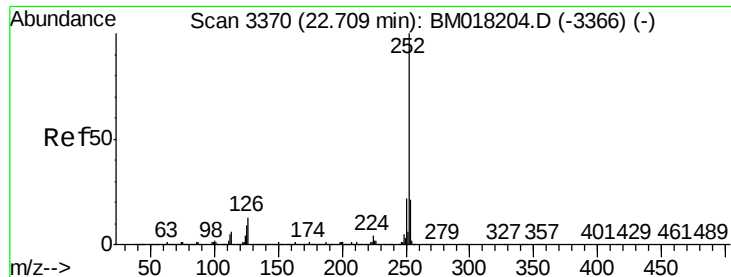
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 40.439 ng

RT: 22.70 min Scan# 3368

Delta R.T. -0.01 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

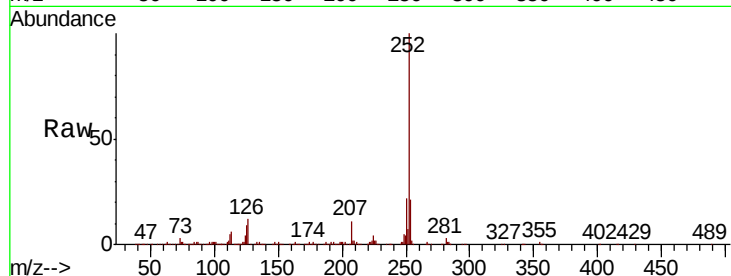
Tgt Ion:252 Resp: 1011893

Ion Ratio Lower Upper

252 100

253 21.4 16.9 25.3

125 8.5 7.5 11.3

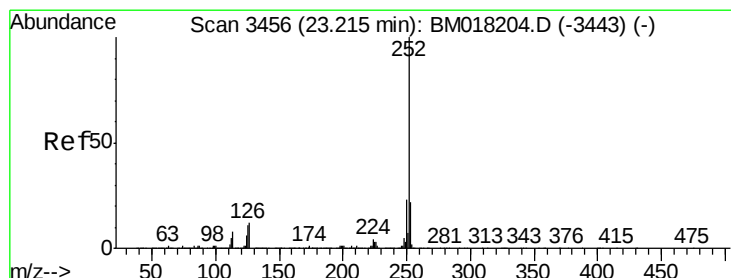
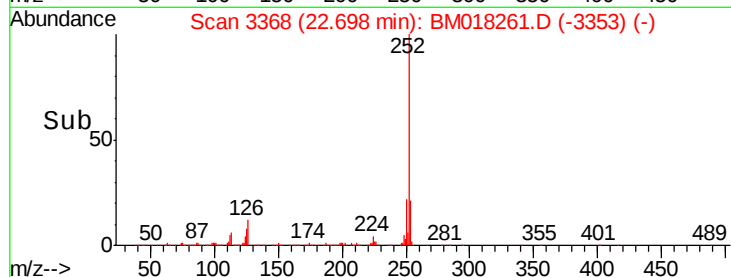
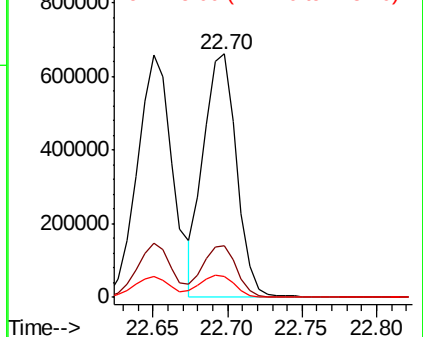


Abundance

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: 44.141 ng

RT: 23.20 min Scan# 3453

Delta R.T. -0.02 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

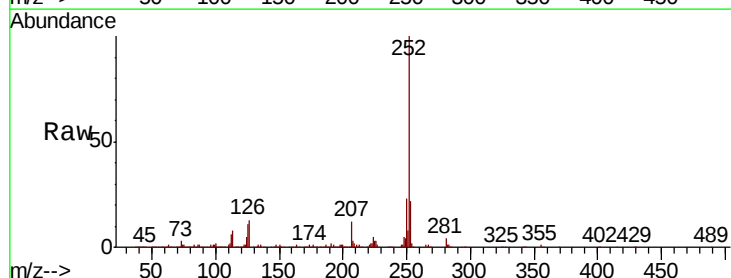
Tgt Ion:252 Resp: 1054810

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.9 8.6 12.8

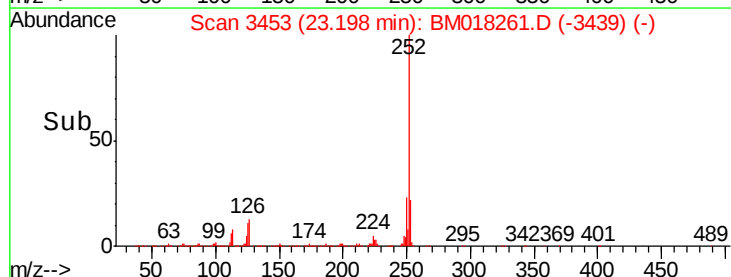
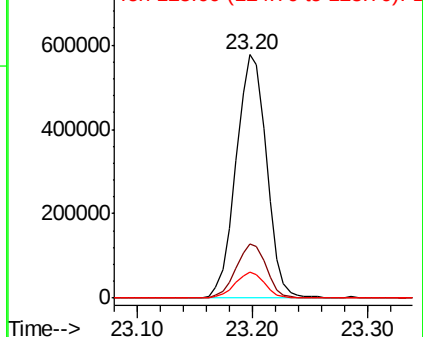


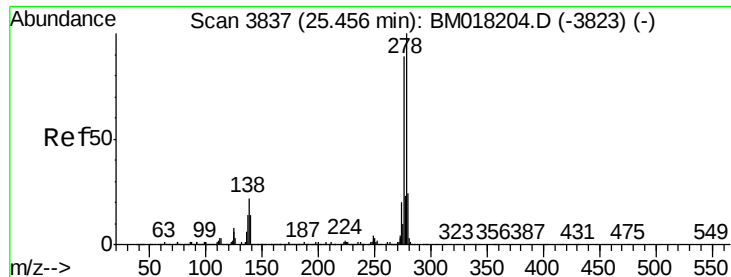
Abundance

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





#91

Dibenzo(a,h)anthracene

Concen: 53.667 ng

RT: 25.43 min Scan# 3833

Delta R.T. -0.02 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

Instrument :

BNA_M

ClientSampleId :

PB115777BSD

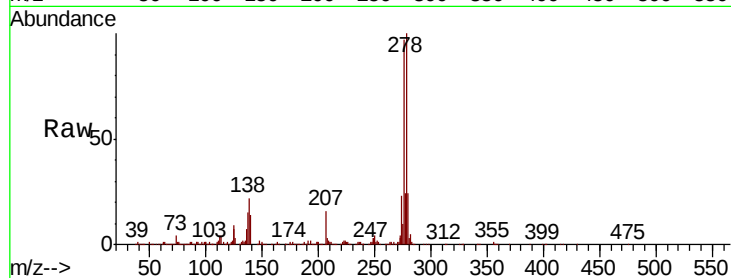
Tgt Ion:278 Resp: 1187966

Ion Ratio Lower Upper

278 100

139 13.7 11.6 17.4

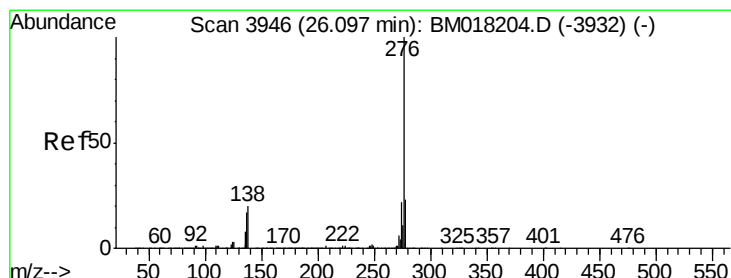
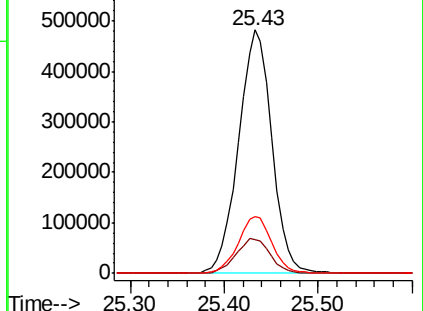
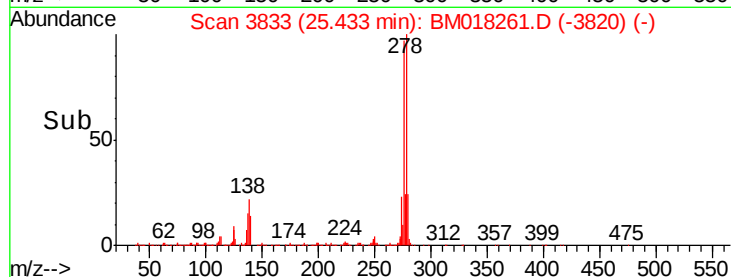
279 23.5 19.2 28.8



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: 56.045 ng

RT: 26.07 min Scan# 3942

Delta R.T. -0.02 min

Lab File: BM018261.D

Acq: 17 Dec 2018 23:43

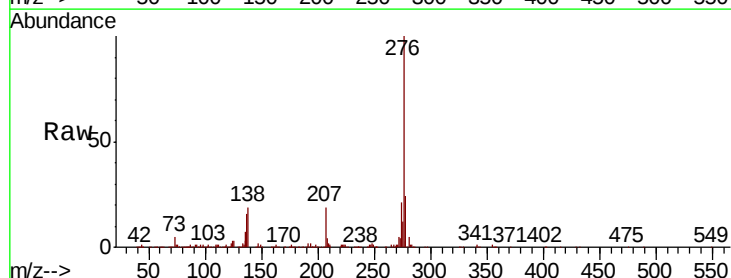
Tgt Ion:276 Resp: 1172712

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 19.4 15.8 23.8



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

