

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
 Data File : BM018232.D
 Acq On : 16 Dec 2018 18:30
 Operator : JU/SJ
 Sample : J6377-17MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 17 03:55:49 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	7.50	152	146760	20.00	ng	0.00
21) Naphthalene-d8	10.26	136	545752	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	261643	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	444148	20.00	ng	0.00
76) Chrysene-d12	21.14	240	395435	20.00	ng	0.00
87) Perylene-d12	23.30	264	449025	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	1049034	119.41	ng	0.00
7) Phenol-d6	6.70	99	1313407	107.56	ng	0.00
23) Nitrobenzene-d5	8.66	82	799176	75.11	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	341932	89.04	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1509068	74.70	ng	0.00
79) Terphenyl-d14	19.57	244	1275919	72.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.13	88	120995	34.767	ng	99
3) Pyridine	3.51	79	340828	33.289	ng	99
4) n-Nitrosodimethylamine	3.43	42	141511	40.156	ng	93
6) Aniline	6.85	93	180771	11.801	ng	99
8) 2-Chlorophenol	7.07	128	401482	38.678	ng	100
9) Benzaldehyde	6.66	77	128593	17.277	ng	98
10) Phenol	6.73	94	571004	44.154	ng	97
11) bis(2-Chloroethyl)ether	6.95	93	364498	35.464	ng	98
12) 1,3-Dichlorobenzene	7.39	146	425920	36.745	ng	97
13) 1,4-Dichlorobenzene	7.53	146	439191	37.313	ng	99
14) 1,2-Dichlorobenzene	7.84	146	412699	36.371	ng	97
15) Benzyl Alcohol	7.75	79	339442	34.115	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.03	45	322104	34.825	ng	96
17) 2-Methylphenol	7.95	107	316318	36.632	ng	98
18) Hexachloroethane	8.55	117	162768	37.728	ng	95
19) n-Nitroso-di-n-propylamine	8.31	70	287774	31.563	ng	98
20) 3+4-Methylphenols	8.28	107	415108	34.307	ng	98
22) Acetophenone	8.32	105	562823	38.970	ng	99
24) Nitrobenzene	8.70	77	420827	39.584	ng	99
25) Isophorone	9.22	82	720334	40.665	ng	99
26) 2-Nitrophenol	9.40	139	207559	39.806	ng	97
27) 2,4-Dimethylphenol	9.47	122	339024	45.114	ng	98
28) bis(2-Chloroethoxy)methane	9.70	93	456293	39.517	ng	99
29) 2,4-Dichlorophenol	9.93	162	328472	39.422	ng	97
30) 1,2,4-Trichlorobenzene	10.13	180	374365	39.500	ng	91
31) Naphthalene	10.32	128	1128471	42.287	ng	99
32) Benzoic acid	9.65	122	194526	27.337	ng	96
33) 4-Chloroaniline	10.46	127	74565	6.379	ng	97
34) Hexachlorobutadiene	10.59	225	233608	38.973	ng	98
35) Caprolactam	11.26	113	83816	26.399	ng	95
36) 4-Chloro-3-methylphenol	11.59	107	339533	33.913	ng	98
37) 2-Methylnaphthalene	11.94	142	784932	41.709	ng	99
38) 1-Methylnaphthalene	12.16	142	736655	40.115	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	395876	44.000	ng	98

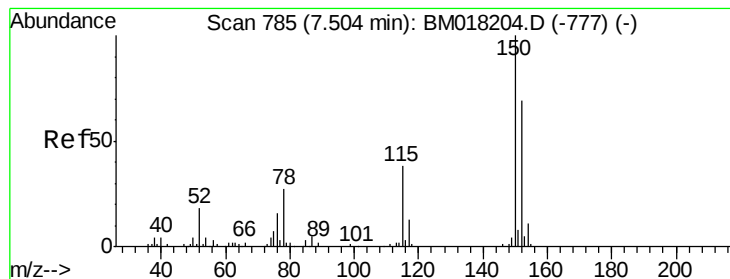
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
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 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	390082	97.084	ng	97
43) 2,4,6-Trichlorophenol	12.57	196	242296	41.870	ng	98
44) 2,4,5-Trichlorophenol	12.65	196	250308	40.744	ng	98
46) 1,1'-Biphenyl	12.97	154	945123	40.153	ng	100
47) 2-Chloronaphthalene	13.02	162	730732	42.178	ng	99
48) 2-Nitroaniline	13.25	65	191532	35.889	ng	96
49) Acenaphthylene	13.87	152	1108310	42.451	ng	99
50) Dimethylphthalate	13.63	163	903514	41.537	ng	100
51) 2,6-Dinitrotoluene	13.76	165	173946	36.376	ng	98
52) Acenaphthene	14.22	154	636217	39.875	ng	99
53) 3-Nitroaniline	14.09	138	80473	15.992	ng	98
54) 2,4-Dinitrophenol	14.31	184	197866	75.012	ng	98
55) Dibenzofuran	14.56	168	988247	38.547	ng	99
56) 4-Nitrophenol	14.42	139	249404	65.369	ng	96
57) 2,4-Dinitrotoluene	14.56	165	230219	34.831	ng	94
58) Fluorene	15.22	166	761868	38.476	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	209968	37.950	ng	100
60) Diethylphthalate	15.00	149	750656	31.978	ng	98
61) 4-Chlorophenyl-phenylether	15.22	204	388683	34.708	ng	98
62) 4-Nitroaniline	15.27	138	136045	28.492	ng	97
63) Azobenzene	15.51	77	696811	32.554	ng	97
65) 4,6-Dinitro-2-methylphenol	15.33	198	120054	36.717	ng	100
66) n-Nitrosodiphenylamine	15.44	169	637549	43.409	ng	99
67) 4-Bromophenyl-phenylether	16.12	248	230028	42.764	ng	96
68) Hexachlorobenzene	16.22	284	256265	43.487	ng	97
69) Atrazine	16.40	200	203580	41.058	ng	99
70) Pentachlorophenol	16.57	266	266672	68.520	ng	98
71) Phenanthrene	16.96	178	1028122	42.616	ng	99
72) Anthracene	17.05	178	1044153	43.627	ng	99
73) Carbazole	17.33	167	881522	35.884	ng	99
74) Di-n-butylphthalate	17.90	149	1106958	36.520	ng	99
75) Fluoranthene	18.99	202	1053679	37.566	ng	99
77) Benzidine	19.20	184	478469	47.716	ng	99
78) Pyrene	19.36	202	1065474	45.220	ng	98
80) Butylbenzylphthalate	20.28	149	447855	39.954	ng	99
81) Benzo(a)anthracene	21.12	228	988964	42.813	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	191431	20.744	ng	98
83) Chrysene	21.17	228	924764	41.622	ng	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	663136	39.695	ng	98
85) Di-n-octyl phthalate	21.93	149	1107147	40.467	ng	99
86) Indeno(1,2,3-cd)pyrene	25.44	276	1406782	63.563	ng	100
88) Benzo(b)fluoranthene	22.66	252	1064376	42.199	ng	99
89) Benzo(k)fluoranthene	22.70	252	1054181	41.967	ng	99
90) Benzo(a)pyrene	23.21	252	1033162	43.068	ng	99
91) Dibenzo(a,h)anthracene	25.44	278	1185907	53.367	ng	98
92) Benzo(g,h,i)perylene	26.09	276	1211210	57.661	ng	100

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

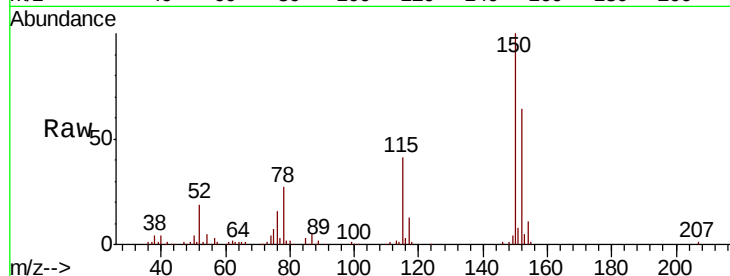


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	116.1	174.1
115	64.3	44.6	67.0

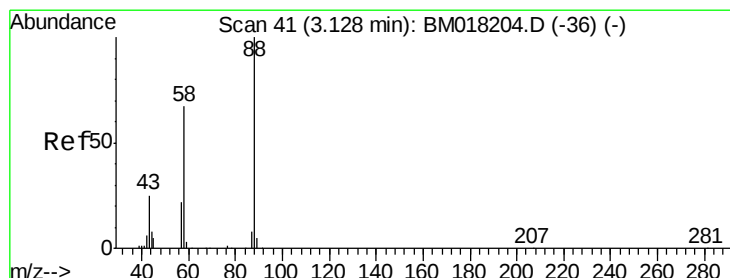
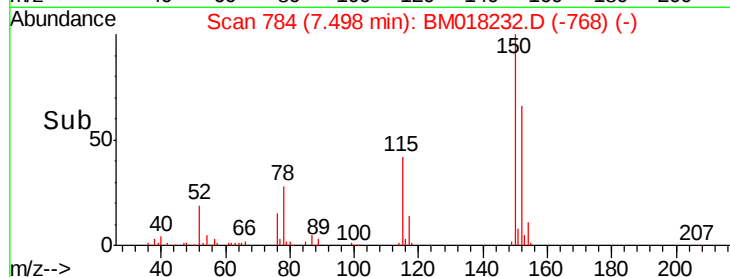
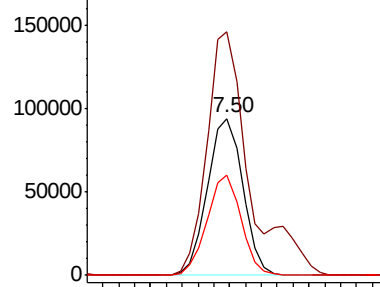


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

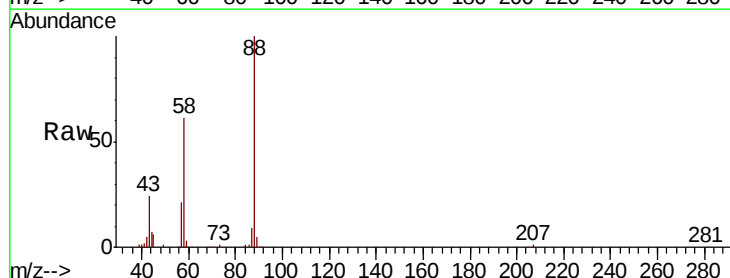
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.767 ng
RT: 3.13 min Scan# 42
Delta R.T. 0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.0	49.8	74.6
43	22.9	19.1	28.7

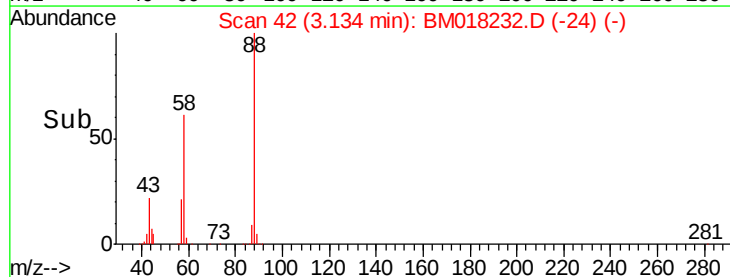
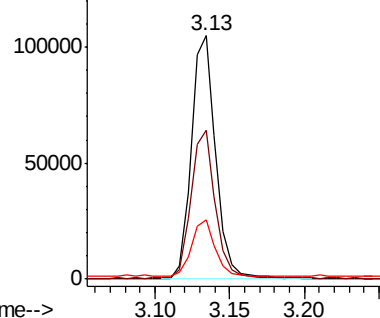


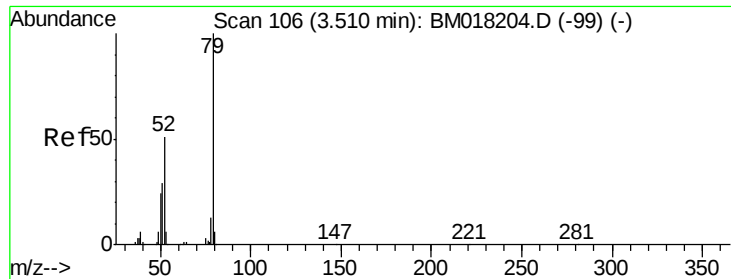
Abundance

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

Pvridine

Concen: 33.289 ng

RT: 3.51 min Scan# 106

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

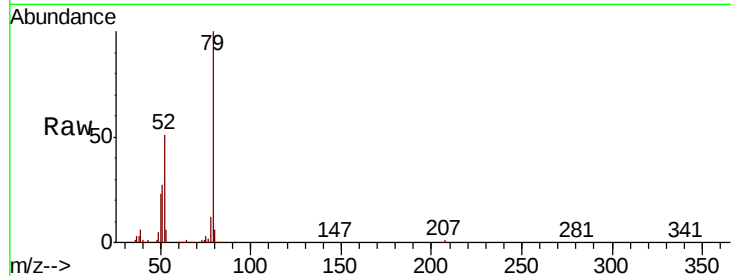
Tot Ion: 79 Resp: 340828

Ion Ratio Lower Upper

79 100

52 51.1 40.7 61.1

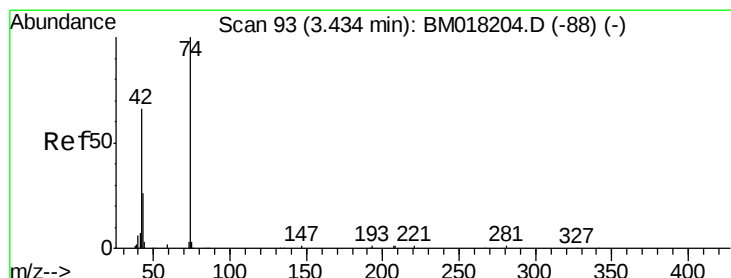
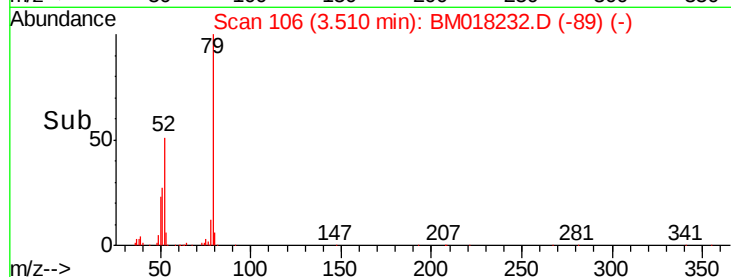
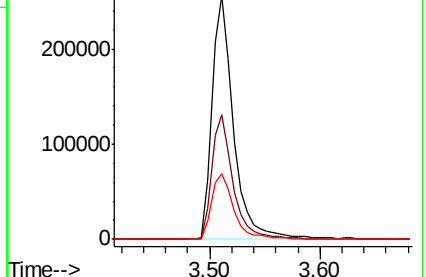
51 26.9 23.0 34.6



Abundance Ion 79.00 (78.70 to 79.70): BM018204.D (-99) (-)

Ion 52.00 (51.70 to 52.70): BM018204.D (-99) (-)

Ion 51.00 (50.70 to 51.70): BM018204.D (-99) (-)



#4

n-Nitrosodimethylamine

Concen: 40.156 ng

RT: 3.43 min Scan# 93

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

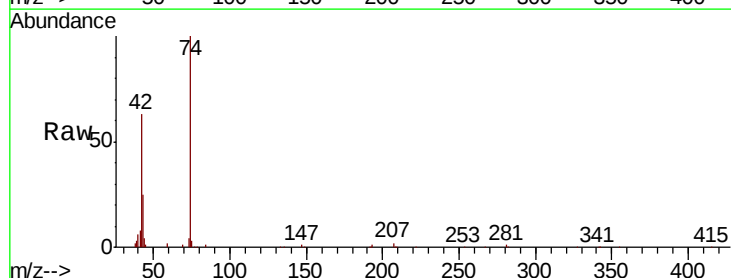
Tgt Ion: 42 Resp: 141511

Ion Ratio Lower Upper

42 100

74 159.6 120.4 180.6

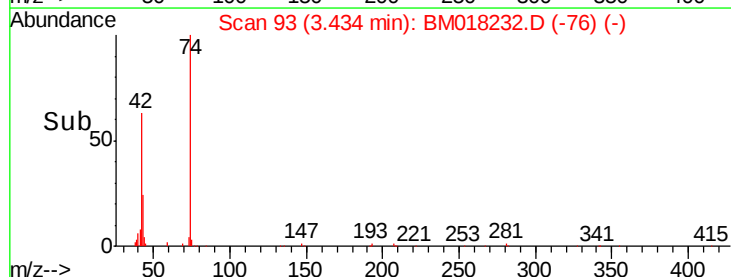
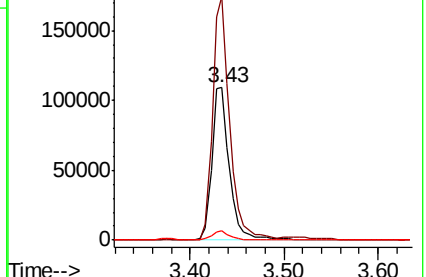
44 6.1 4.6 7.0

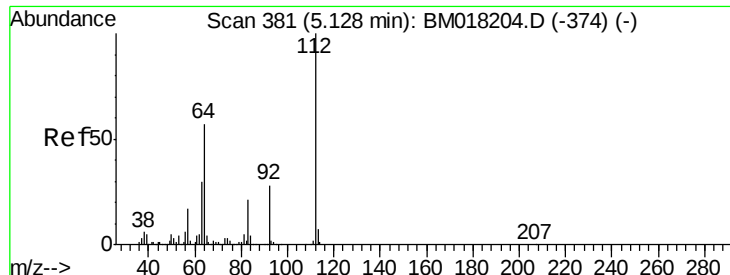


Abundance Ion 42.00 (41.70 to 42.70): BM018204.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM018204.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM018204.D (-88) (-)





#5

2-Fluorophenol

Concen: 119.405 ng

RT: 5.13 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

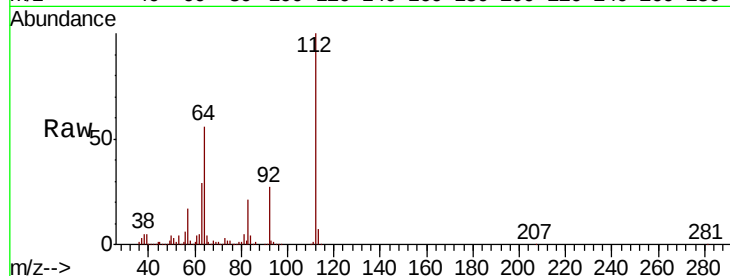
Tot Ion:112 Resp: 1049034

Ion Ratio Lower Upper

112 100

64 55.8 45.4 68.2

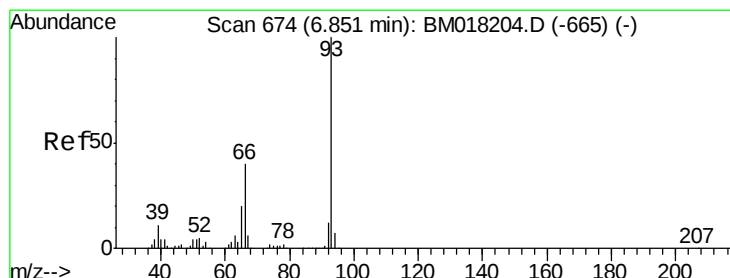
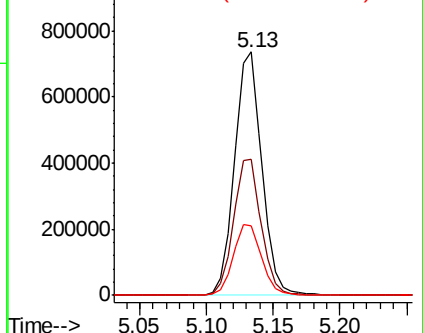
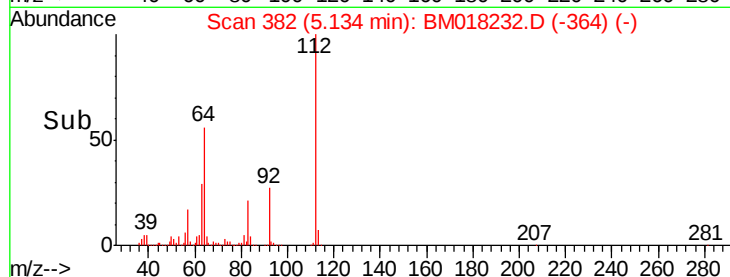
63 28.8 24.0 36.0



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: 11.801 ng

RT: 6.85 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

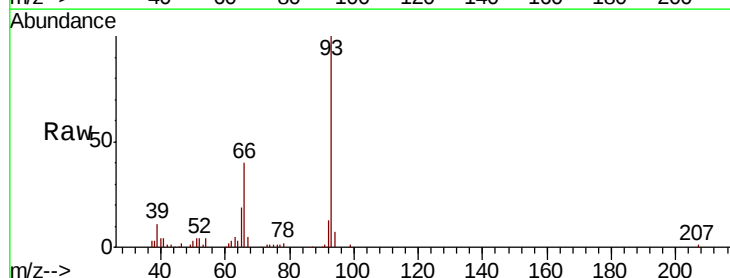
Tgt Ion: 93 Resp: 180771

Ion Ratio Lower Upper

93 100

66 40.0 32.3 48.5

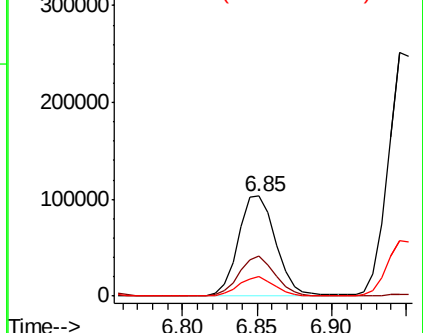
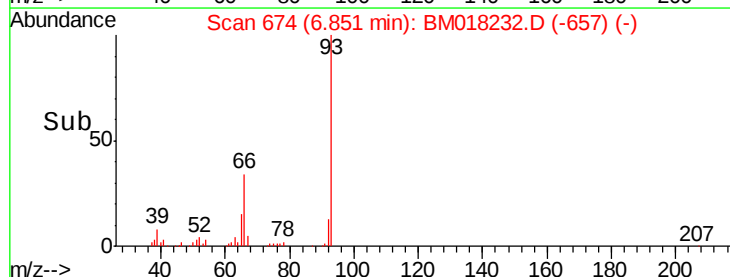
65 19.3 16.2 24.4

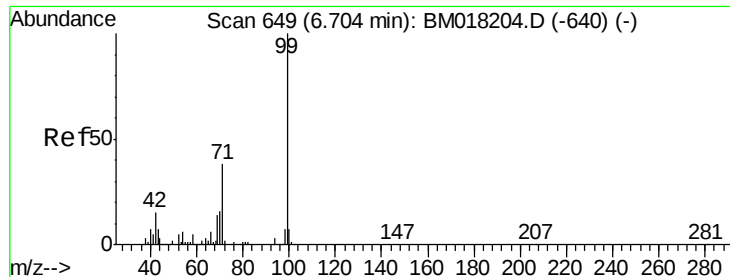


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 107.558 ng

RT: 6.70 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

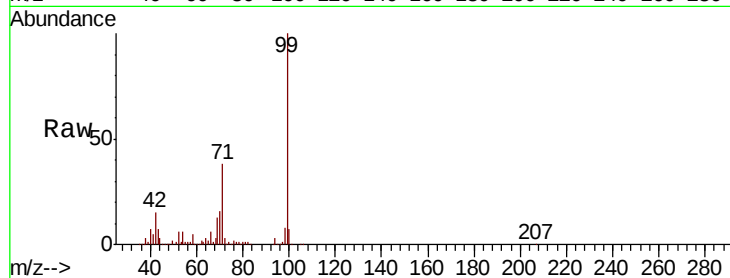
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1313407

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.3	18.5
71	37.6	30.2	45.2

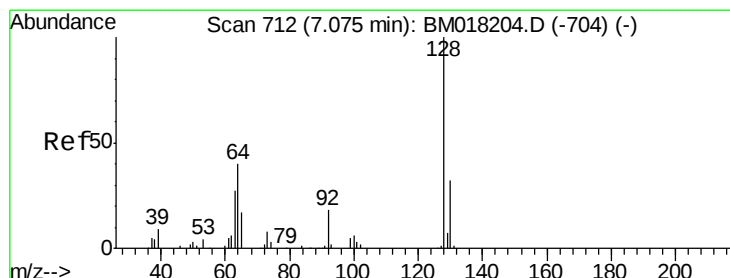
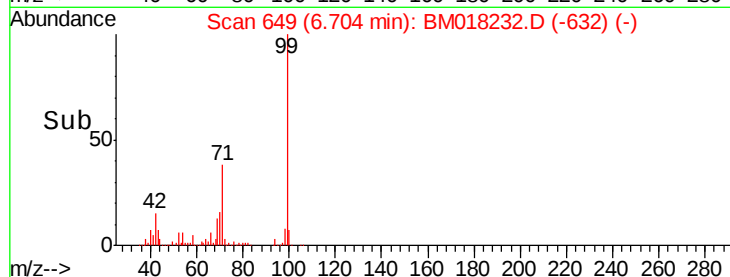
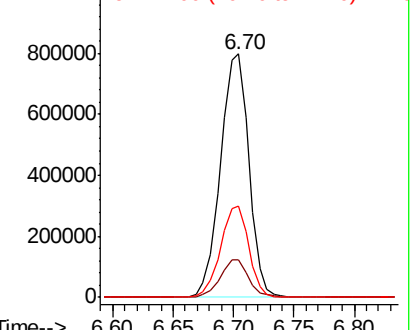


Abundance

Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)



#8

2-Chlorophenol

Concen: 38.678 ng

RT: 7.07 min Scan# 711

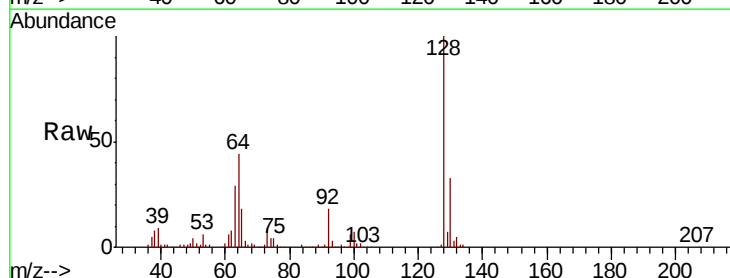
Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Tgt Ion: 128 Resp: 401482

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	43.9	24.1	64.1

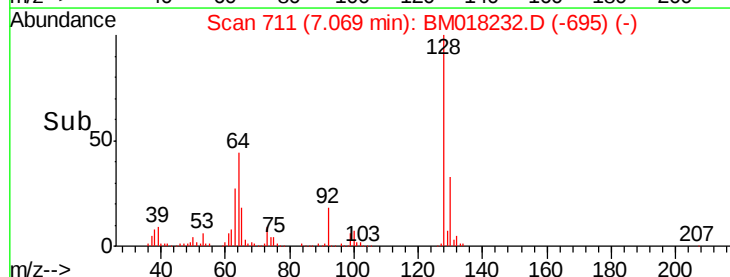
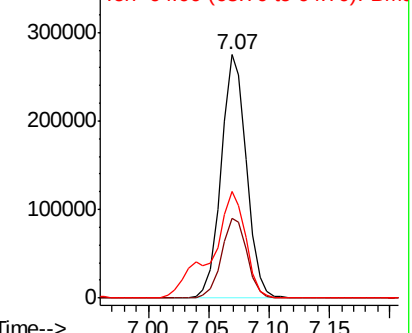


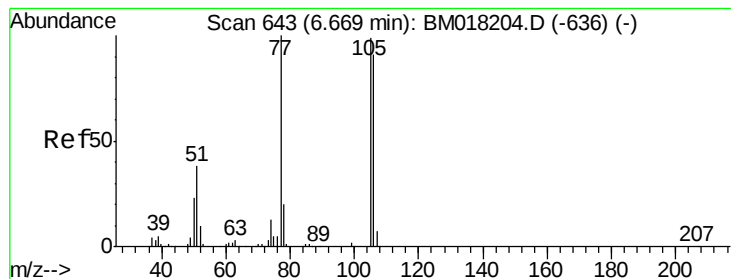
Abundance

Ion 128.00 (127.70 to 128.70): BM018204.D (-704) (-)

Ion 130.00 (129.70 to 130.70): BM018204.D (-704) (-)

Ion 64.00 (63.70 to 64.70): BM018204.D (-704) (-)





#9

Benzaldehyde

Concen: 17.277 ng

RT: 6.66 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampled :

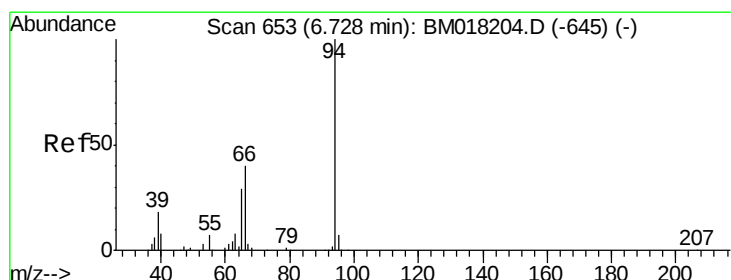
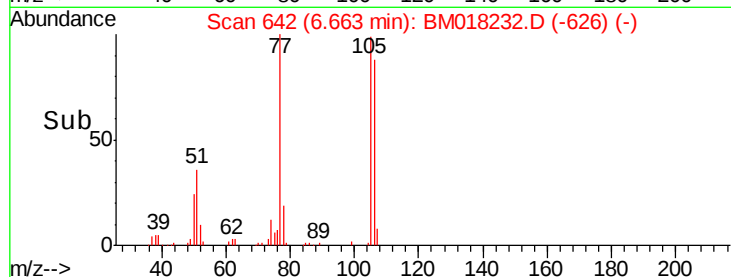
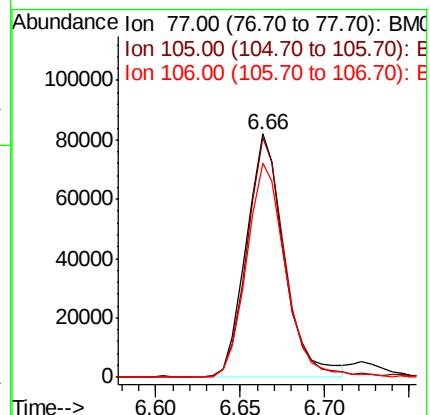
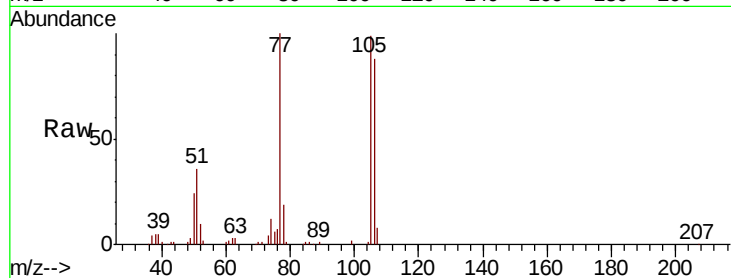
Tot Ion: 77 Resp: 128593

Ion Ratio Lower Upper

77 100

105 98.5 78.8 118.8

106 87.8 70.7 110.7



#10

Phenol

Concen: 44.154 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

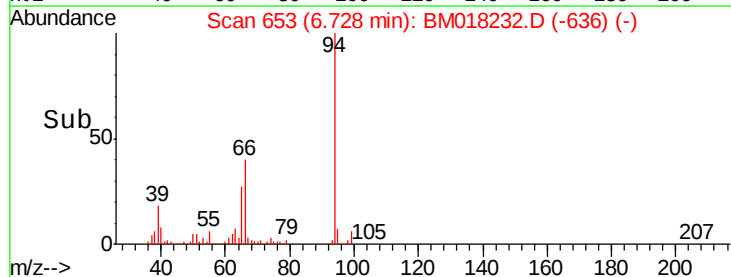
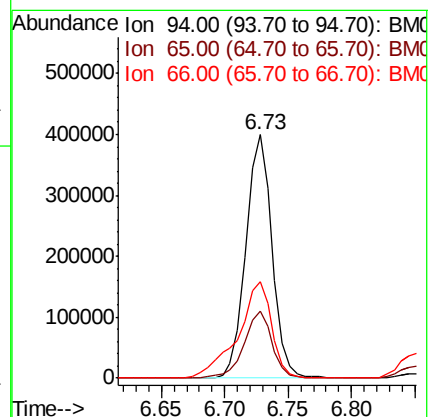
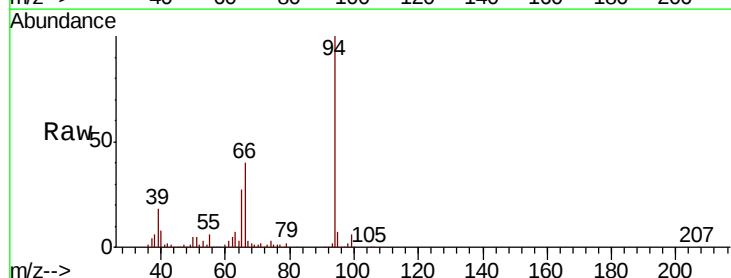
Tgt Ion: 94 Resp: 571004

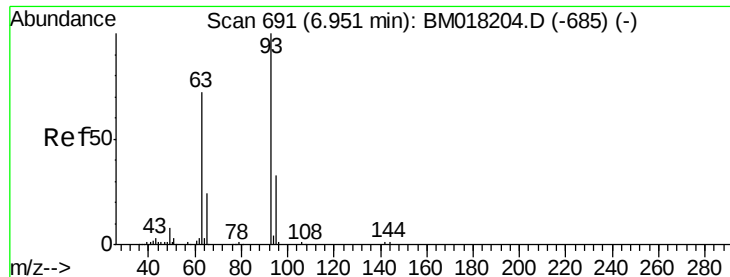
Ion Ratio Lower Upper

94 100

65 27.5 9.5 49.5

66 39.6 21.3 61.3





#11

bis(2-Chloroethyl)ether

Concen: 35.464 ng

RT: 6.95 min Scan# 690

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

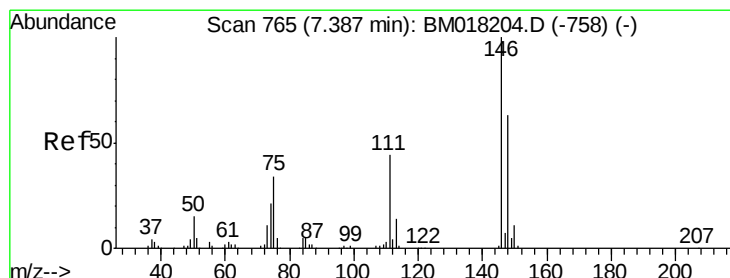
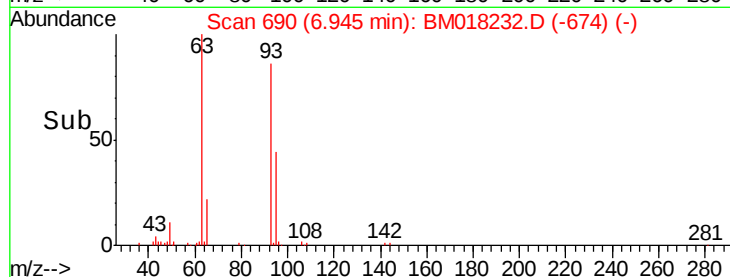
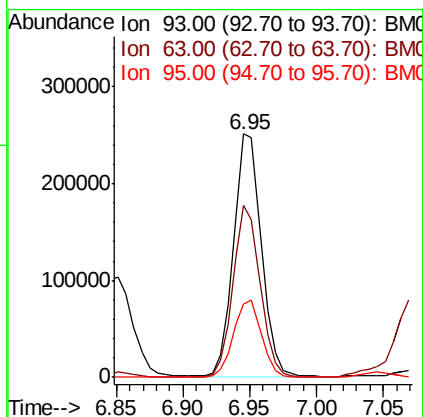
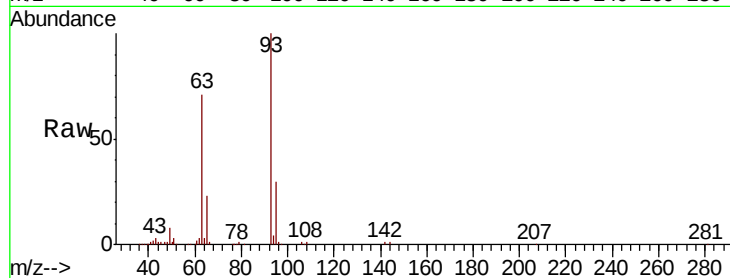
Tot Ion: 93 Resp: 364498

Ion Ratio Lower Upper

93 100

63 70.8 51.7 91.7

95 30.2 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 36.745 ng

RT: 7.39 min Scan# 765

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

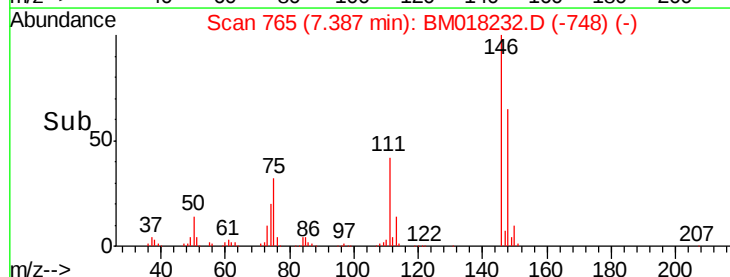
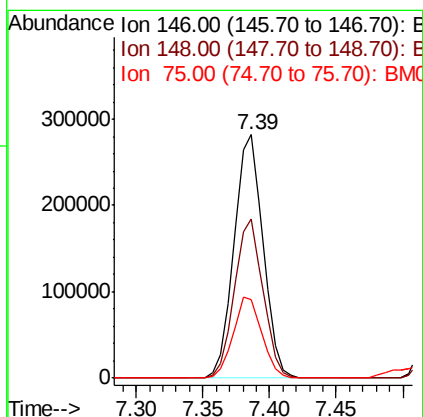
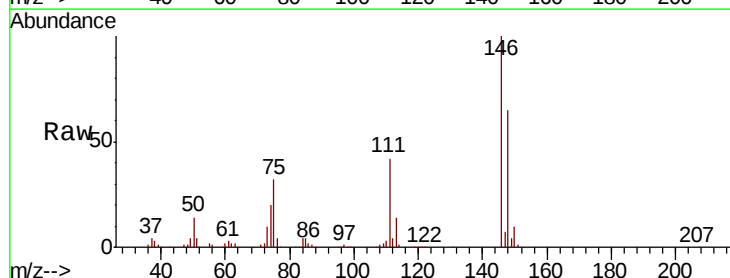
Tgt Ion: 146 Resp: 425920

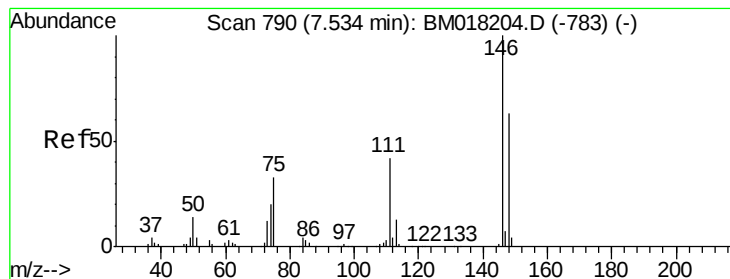
Ion Ratio Lower Upper

146 100

148 65.4 50.6 76.0

75 32.3 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 37.313 ng

RT: 7.53 min Scan# 790

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampled :

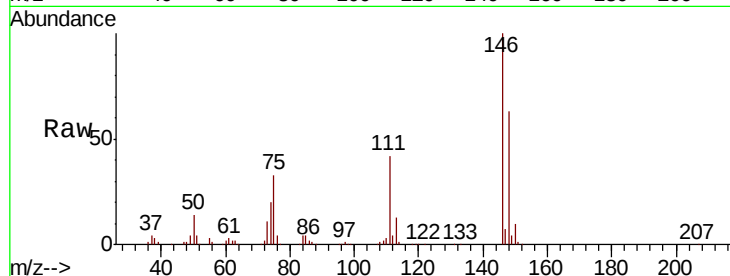
Tot Ion:146 Resp: 439191

Ion Ratio Lower Upper

146 100

148 63.0 50.7 76.1

111 42.4 34.2 51.2

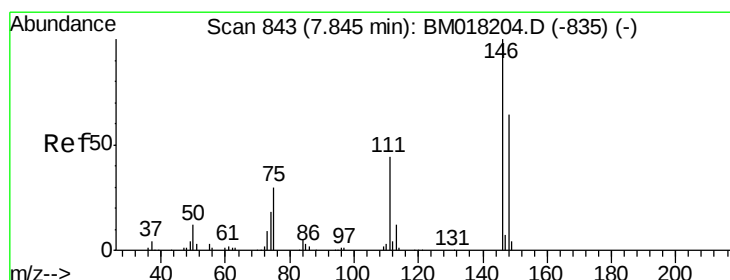
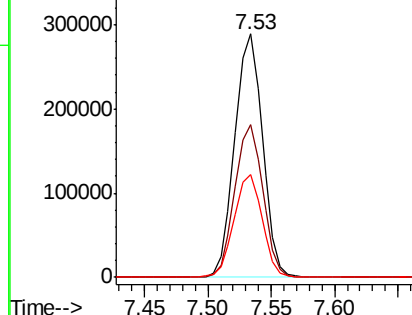
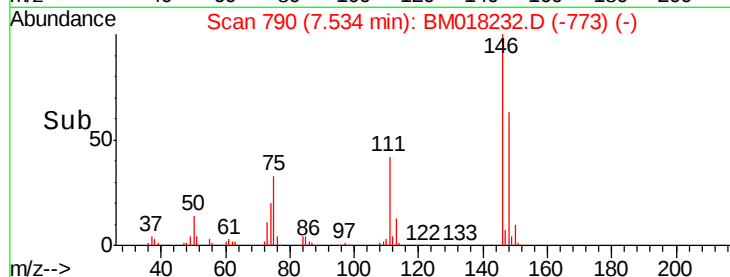


Abundance

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: 36.371 ng

RT: 7.84 min Scan# 842

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

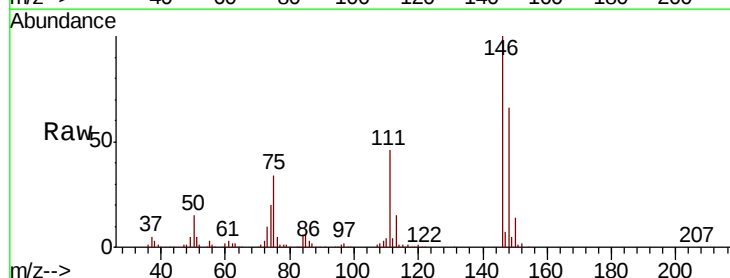
Tgt Ion:146 Resp: 412699

Ion Ratio Lower Upper

146 100

148 66.1 51.3 76.9

111 46.4 35.8 53.8

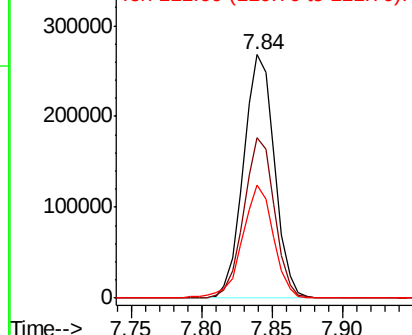
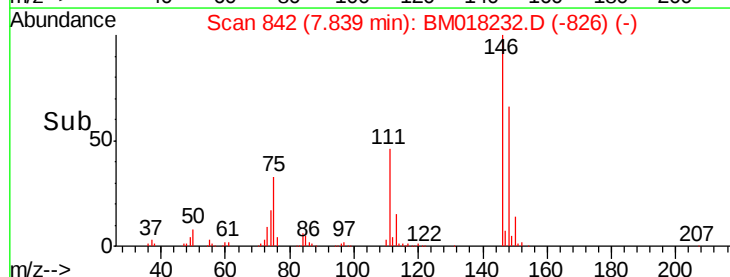


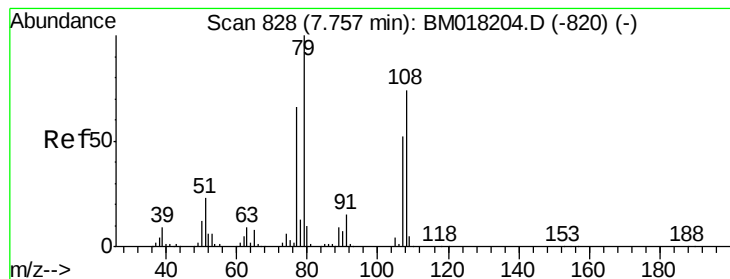
Abundance

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: 34.115 ng

RT: 7.75 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampled :

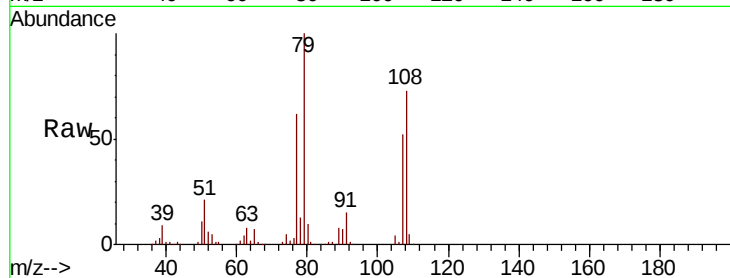
Tot Ion: 79 Resp: 339442

Ion Ratio Lower Upper

79 100

108 72.8 59.3 88.9

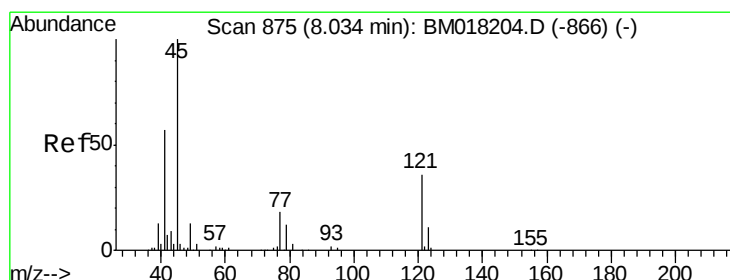
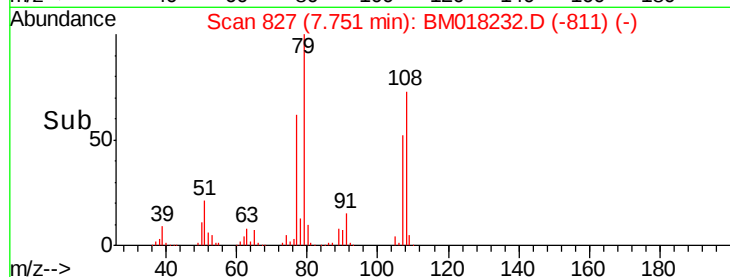
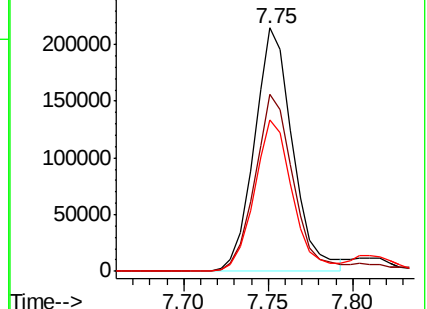
77 62.1 53.0 79.4



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) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.825 ng

RT: 8.03 min Scan# 875

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

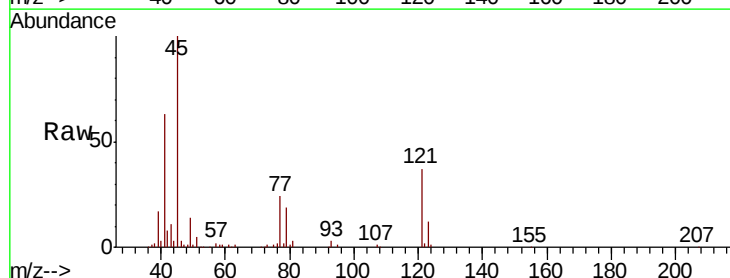
Tgt Ion: 45 Resp: 322104

Ion Ratio Lower Upper

45 100

77 24.4 2.5 42.5

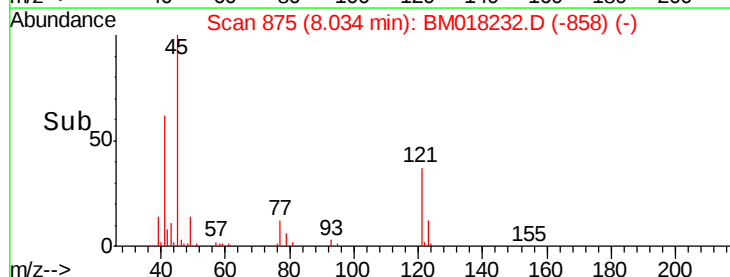
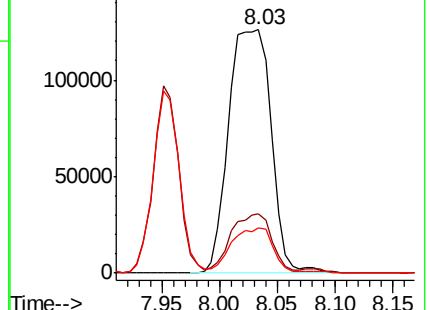
79 18.6 0.0 37.2

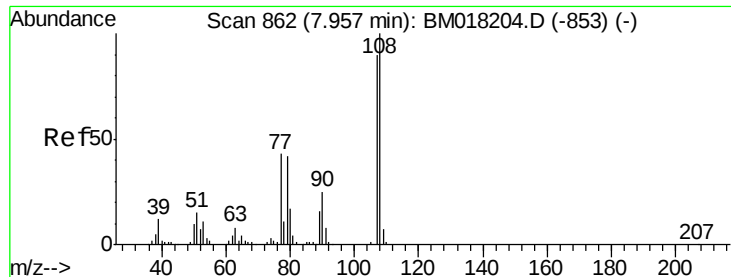


Abundance Ion 45.00 (44.70 to 45.70): BM018204.D (-866) (-)

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

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





#17

2-Methylphenol

Concen: 36.632 ng

RT: 7.95 min Scan# 861

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 316318

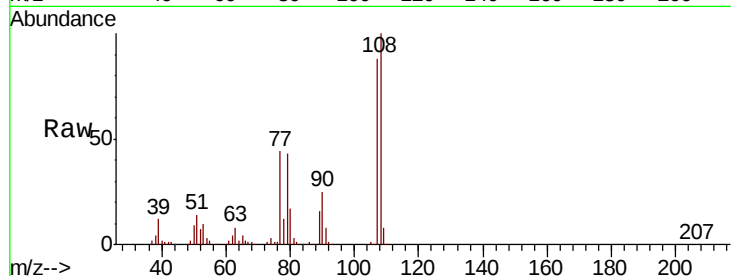
Ion Ratio Lower Upper

107 100

108 113.1 89.3 133.9

77 49.4 38.2 57.4

79 48.2 37.7 56.5

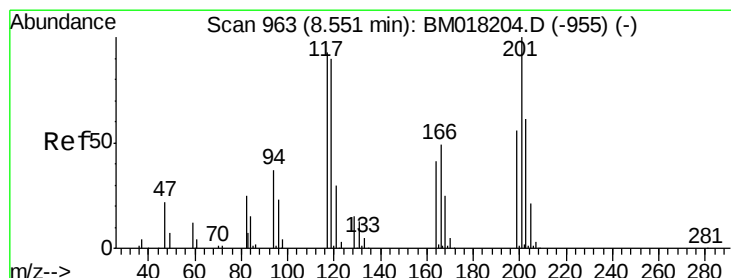
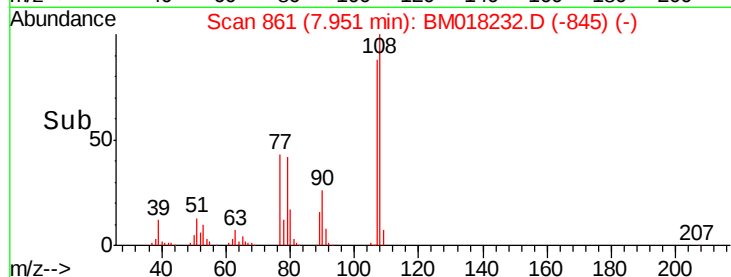
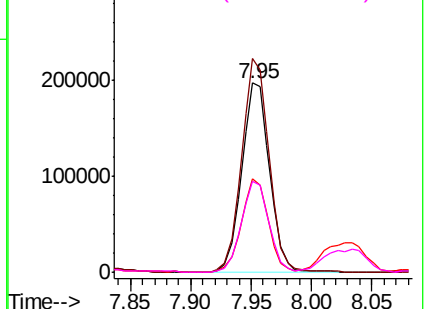


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 37.728 ng

RT: 8.55 min Scan# 962

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

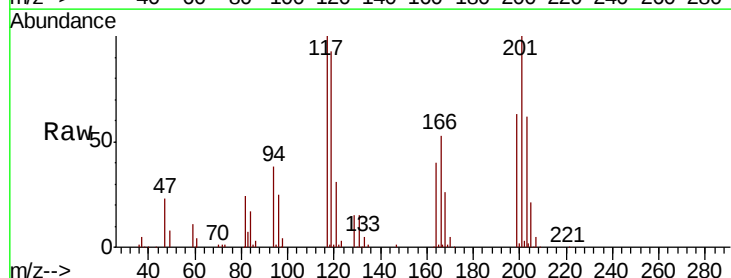
Tgt Ion:117 Resp: 162768

Ion Ratio Lower Upper

117 100

119 93.5 77.0 115.4

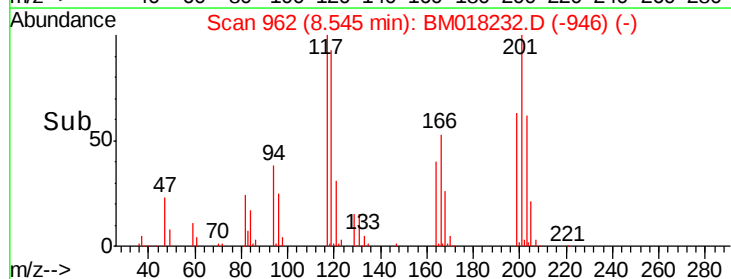
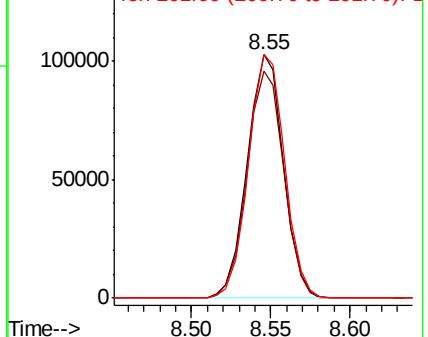
201 100.0 85.7 128.5

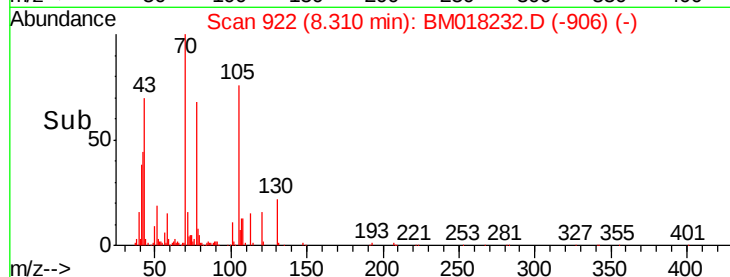
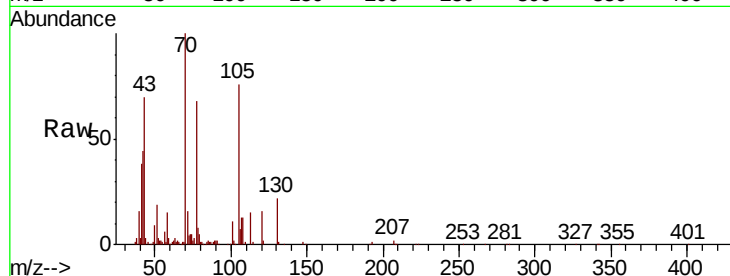
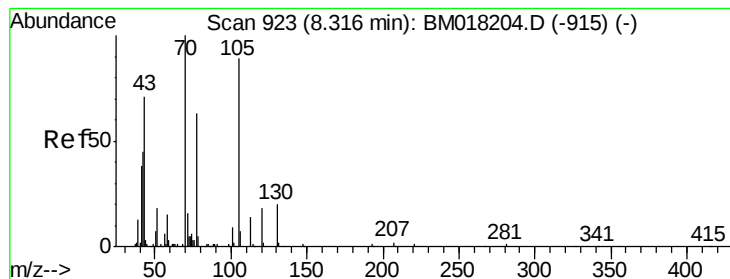


Abundance Ion 117.00 (116.70 to 117.70): E

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: 31.563 ng

RT: 8.31 min Scan# 922

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 287774

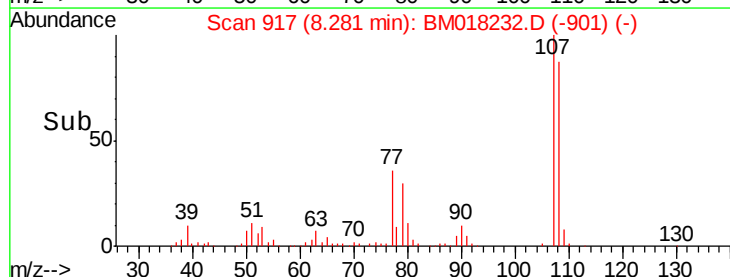
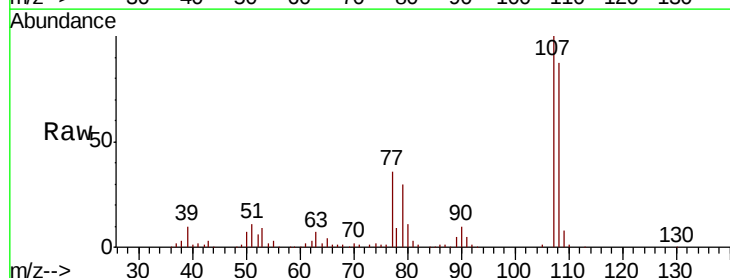
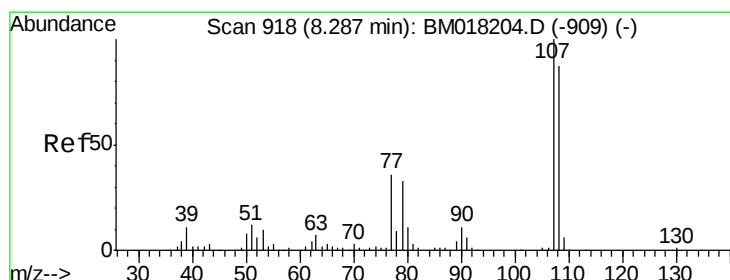
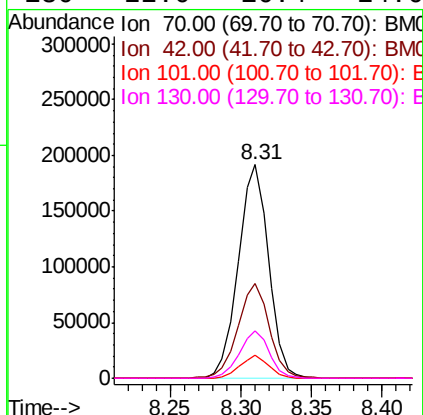
Ion Ratio Lower Upper

70 100

42 44.1 36.2 54.2

101 10.5 7.5 11.3

130 22.0 16.4 24.6



#20

3+4-Methylphenols

Concen: 34.307 ng

RT: 8.28 min Scan# 917

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Tgt Ion: 107 Resp: 415108

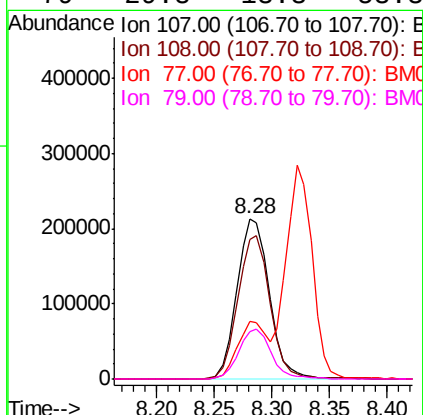
Ion Ratio Lower Upper

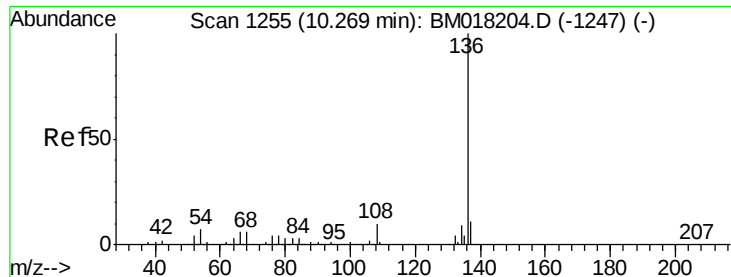
107 100

108 87.2 67.4 107.4

77 36.1 15.7 55.7

79 29.8 13.3 53.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.26 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 545752

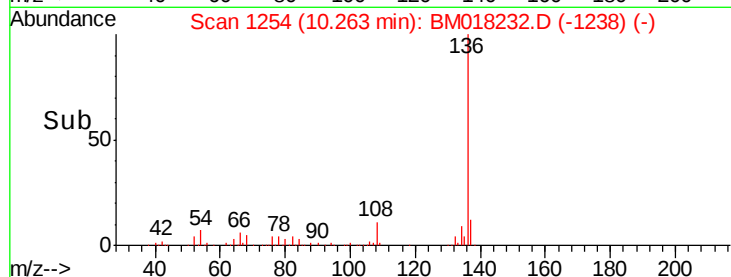
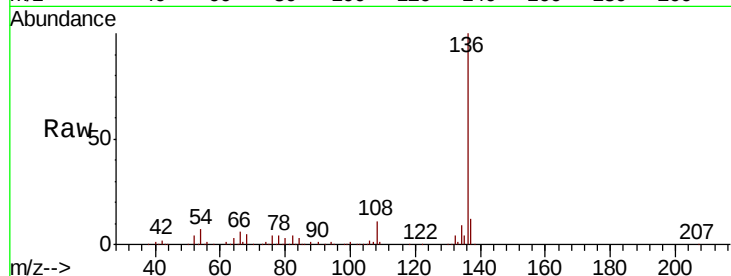
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 6.5 5.2 7.8

68 5.4 5.0 7.6

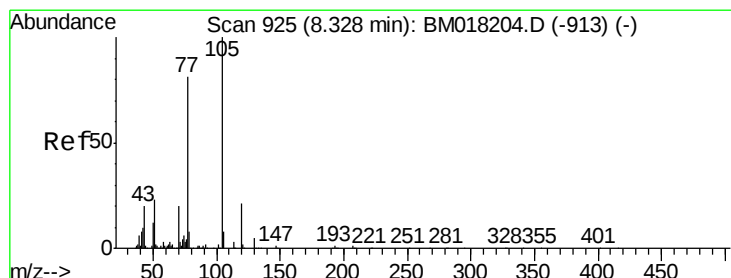
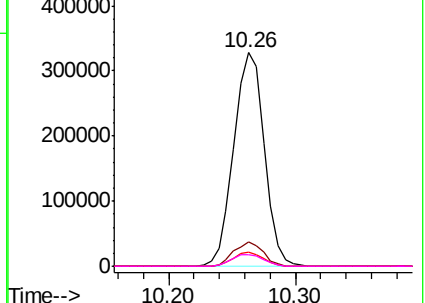


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



#22

Acetophenone

Concen: 38.970 ng

RT: 8.32 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Tgt Ion:105 Resp: 562823

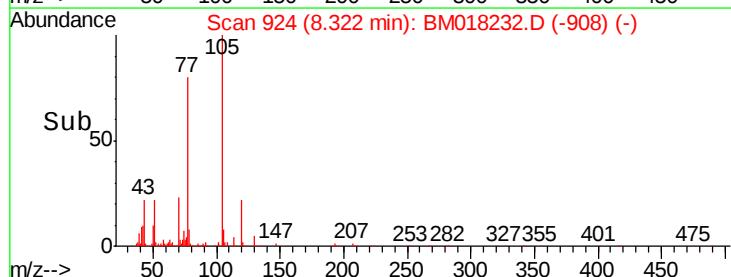
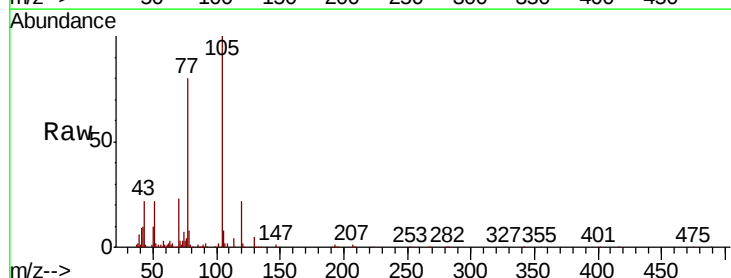
Ion Ratio Lower Upper

105 100

71 3.4 2.6 4.0

51 22.4 18.3 27.5

120 22.3 17.0 25.6

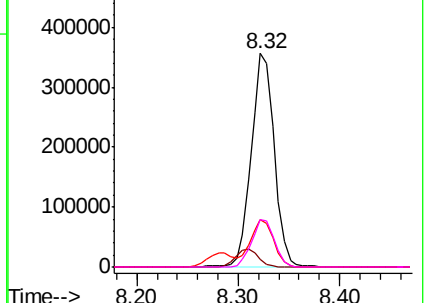


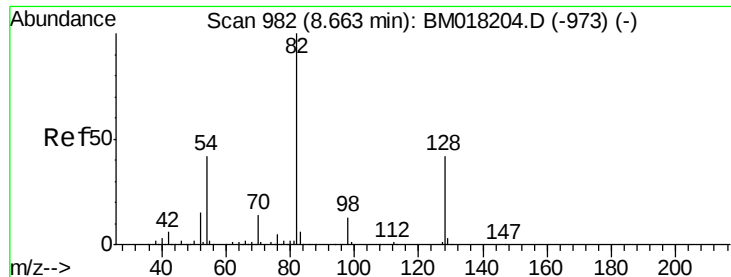
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E

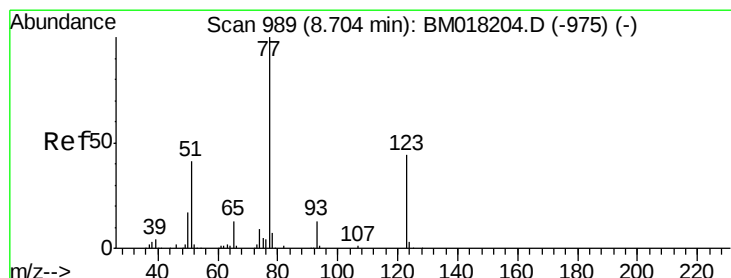
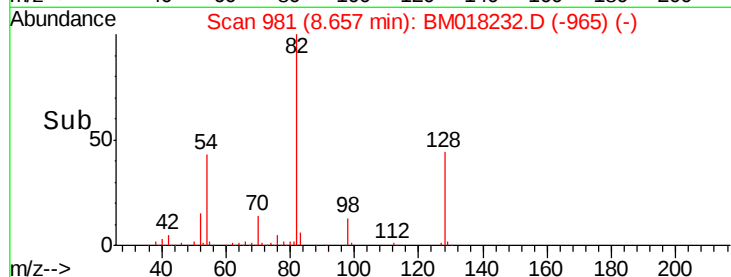
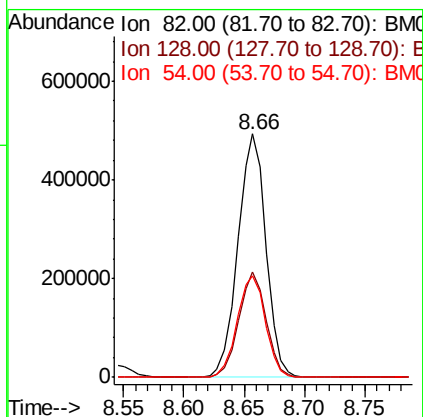
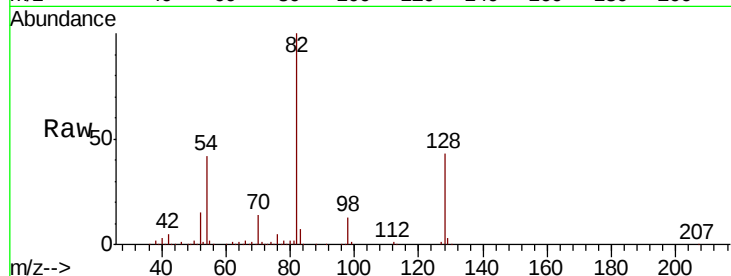




#23
Nitrobenzene-d5
Concen: 75.112 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

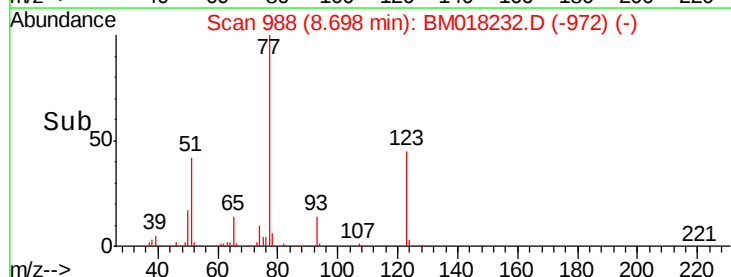
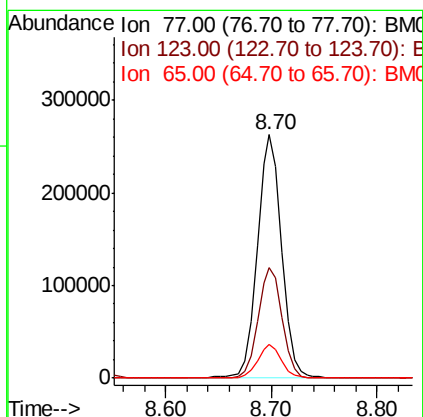
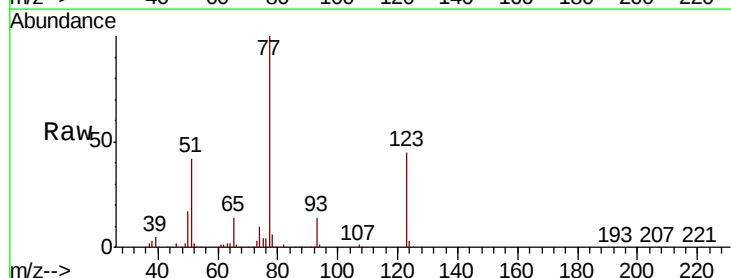
Instrument :
BNA_M
ClientSampleId :

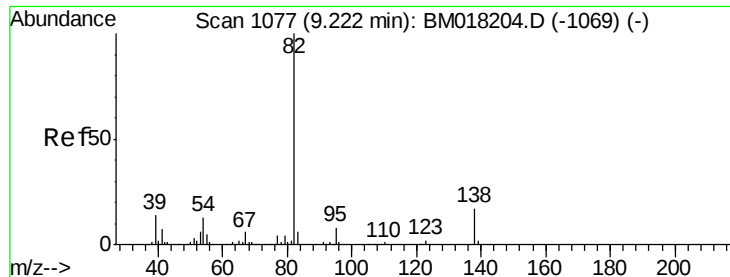
Tot Ion	82	Resp	799176
Ion Ratio	100	Lower	Upper
128	43.5	33.4	50.2
54	42.0	33.4	50.2



#24
Nitrobenzene
Concen: 39.584 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Tgt Ion	77	Resp	420827
Ion Ratio	100	Lower	Upper
123	45.2	35.4	53.2
65	13.6	10.6	15.8

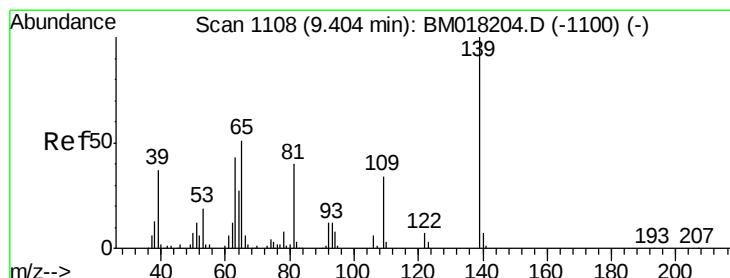
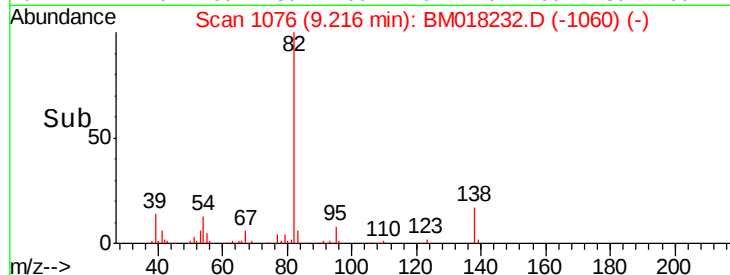
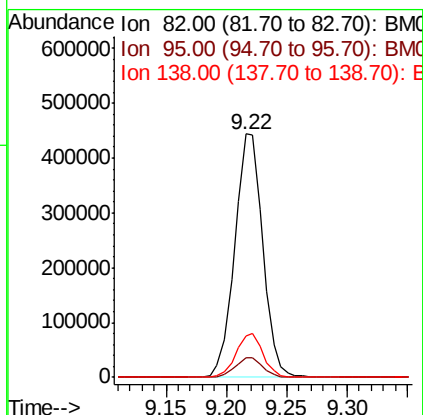
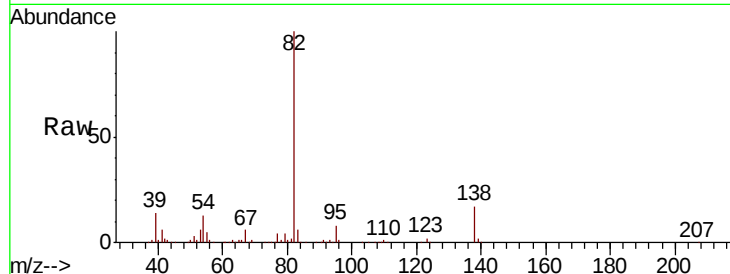




#25
Isophorone
Concen: 40.665 ng
RT: 9.22 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

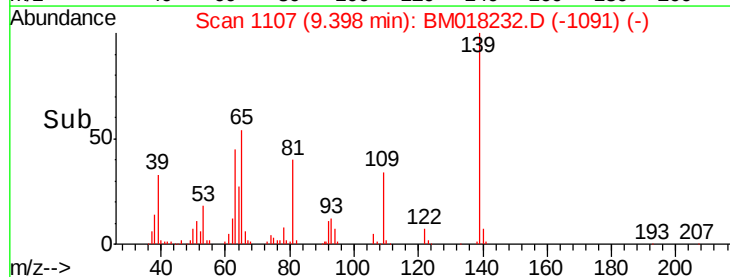
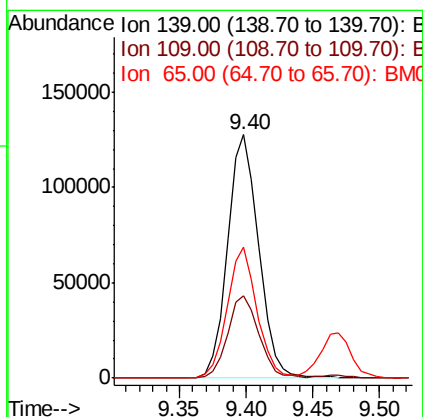
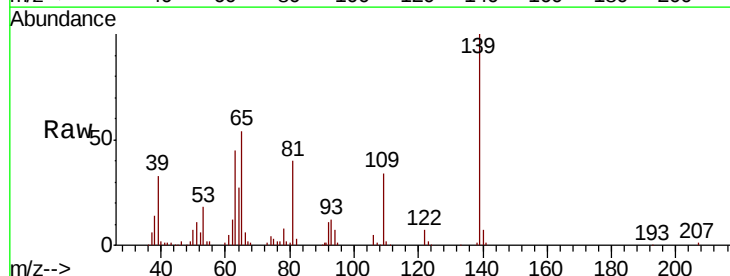
Instrument :
BNA_M
ClientSampleId :

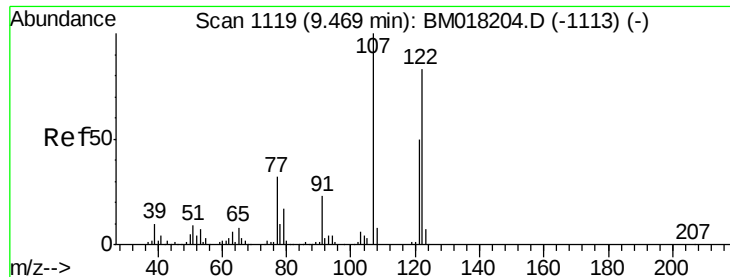
Tot Ion: 82 Resp: 720334
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 16.9 13.9 20.9



#26
2-Nitrophenol
Concen: 39.806 ng
RT: 9.40 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Tgt Ion: 139 Resp: 207559
Ion Ratio Lower Upper
139 100
109 33.6 27.4 41.0
65 53.6 41.0 61.4

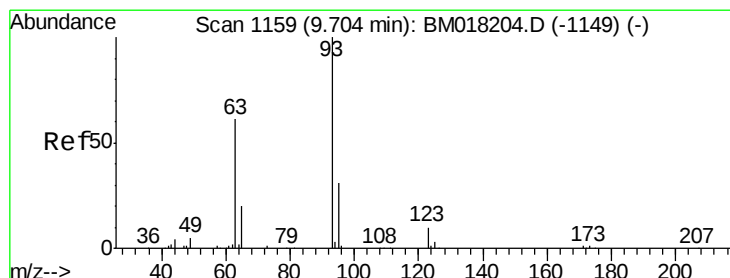
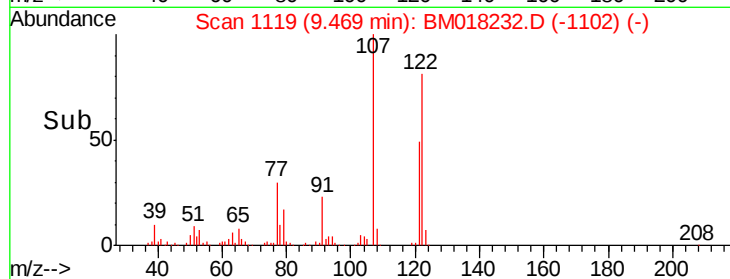
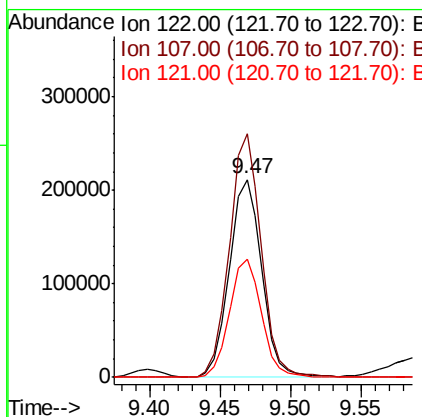
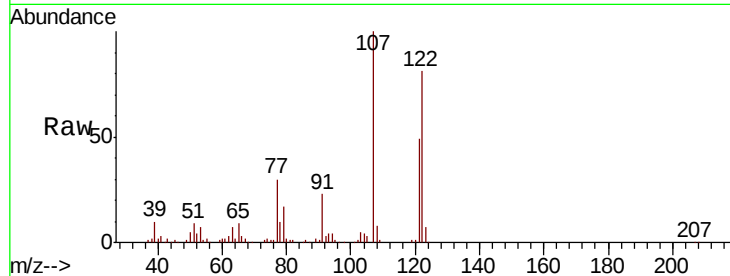




#27
 2,4-Dimethylphenol
 Concen: 45.114 ng
 RT: 9.47 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BM018232.D
 Acq: 16 Dec 2018 18:30

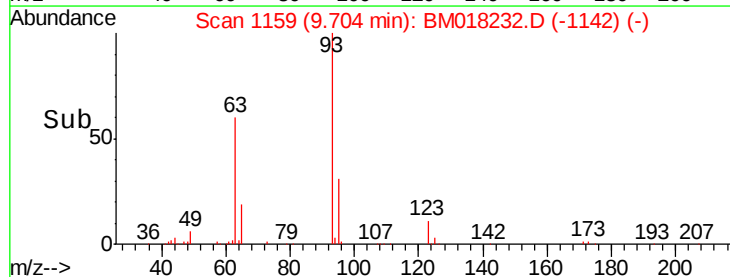
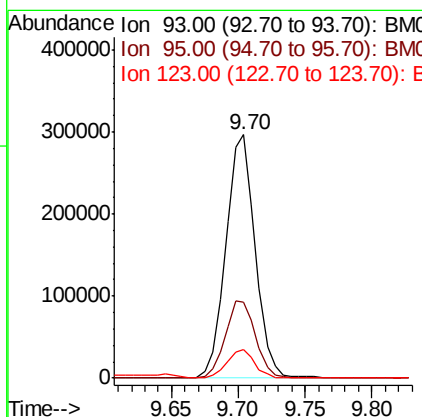
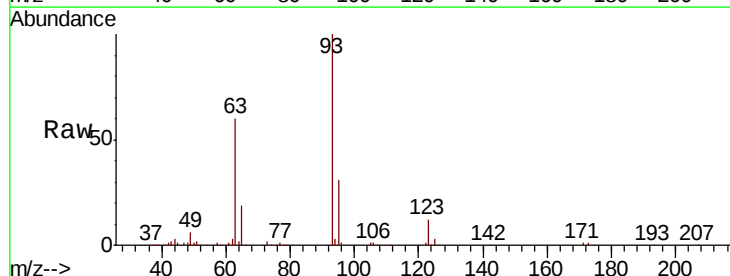
Instrument :
 BNA_M
 ClientSampleId :

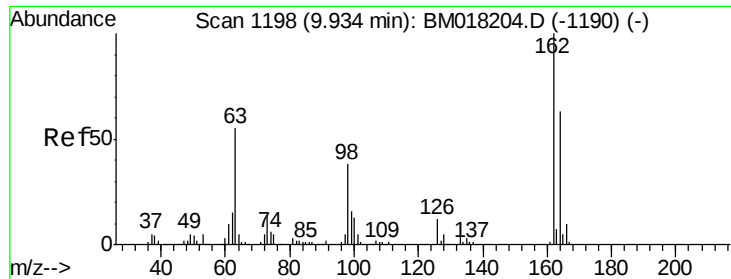
Tot Ion	Ratio	Lower	Upper
122	100		
107	123.1	96.5	144.7
121	59.9	48.2	72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.517 ng
 RT: 9.70 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BM018232.D
 Acq: 16 Dec 2018 18:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.3	37.9
123	11.7	9.3	13.9

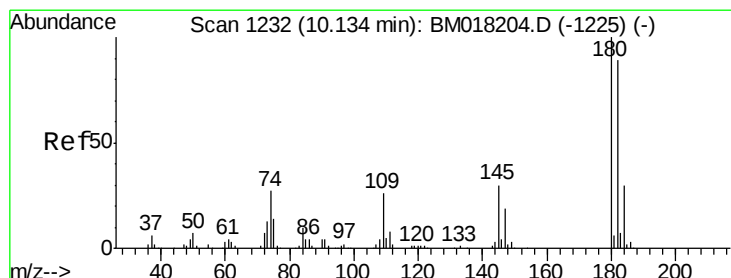
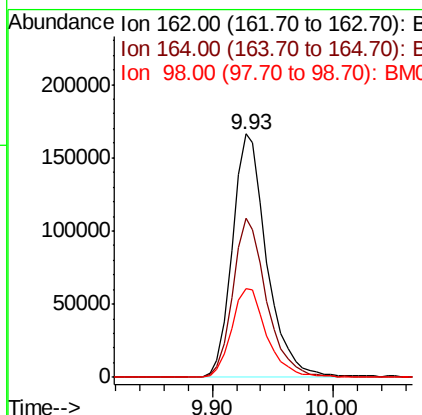
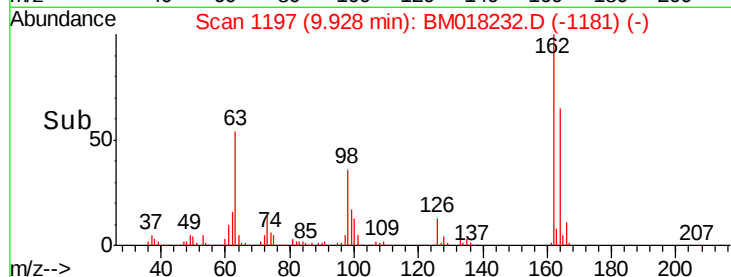
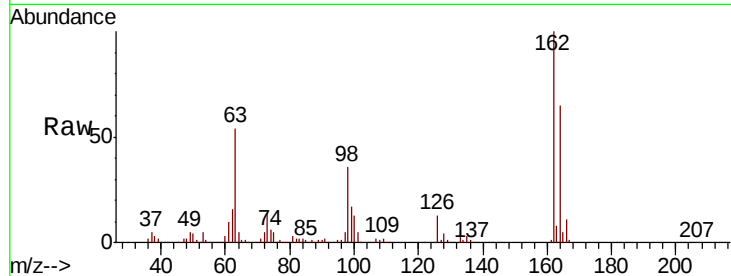




#29
2,4-Dichlorophenol
Concen: 39.422 ng
RT: 9.93 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

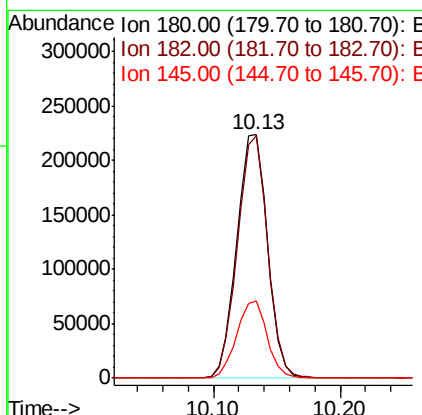
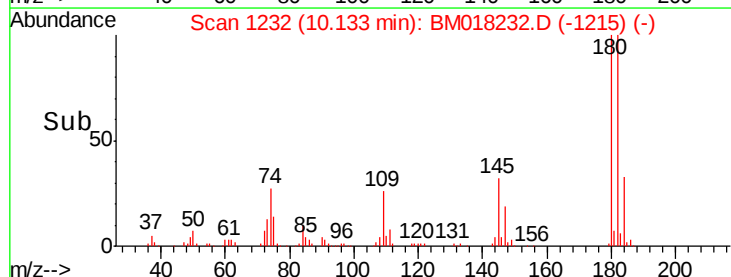
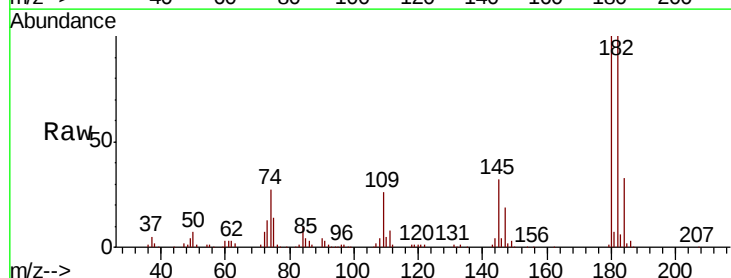
Instrument :
BNA_M
ClientSampleId :

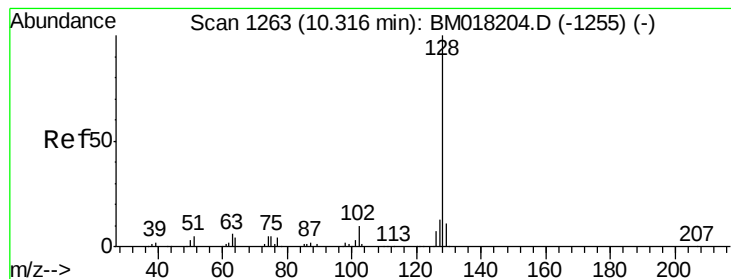
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	43.0	83.0
98	36.2	18.3	58.3



#30
1,2,4-Trichlorobenzene
Concen: 39.500 ng
RT: 10.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	71.4	107.2
145	31.6	24.4	36.6





#31

Naphthalene

Concen: 42.287 ng

RT: 10.32 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

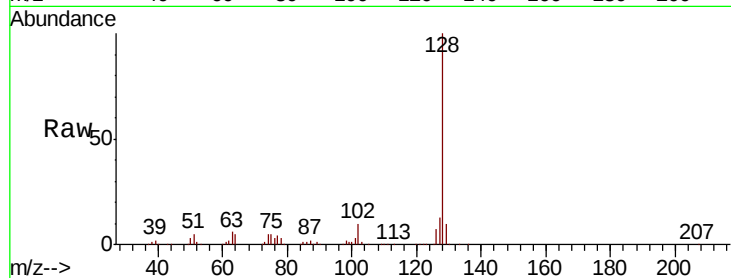
Tot Ion:128 Resp: 1128471

Ion Ratio Lower Upper

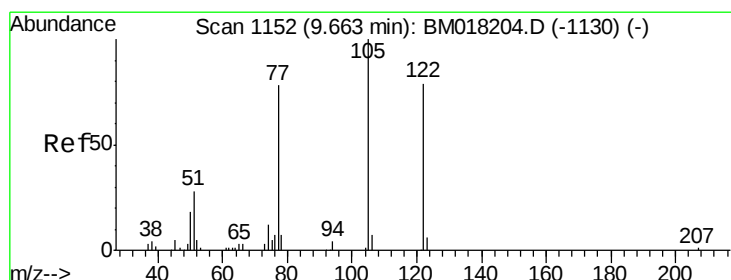
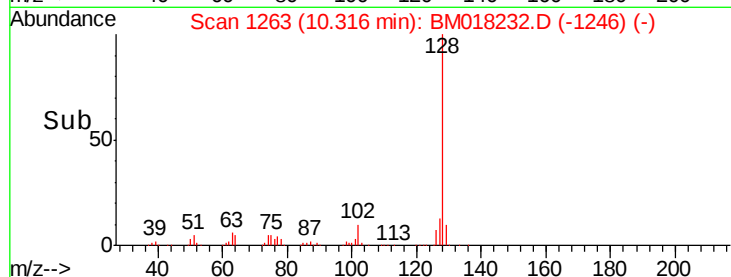
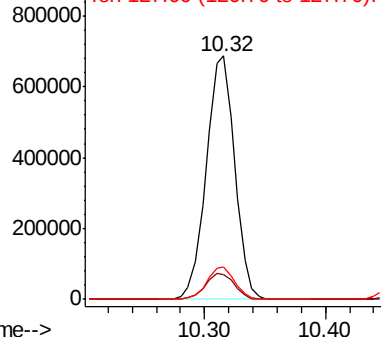
128 100

129 10.2 8.9 13.3

127 13.2 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: 27.337 ng

RT: 9.65 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

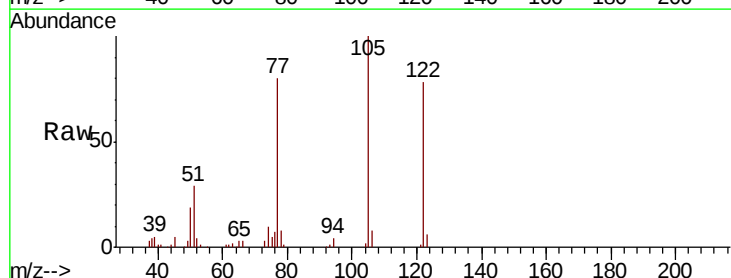
Tgt Ion:122 Resp: 194526

Ion Ratio Lower Upper

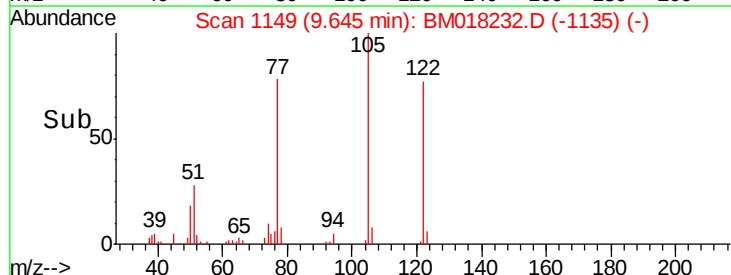
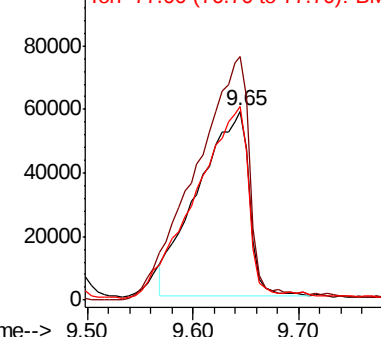
122 100

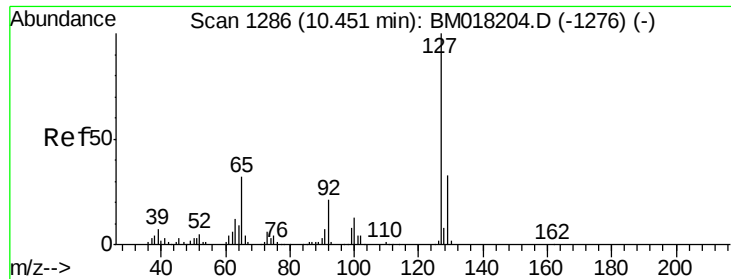
105 128.8 104.8 144.8

77 102.8 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

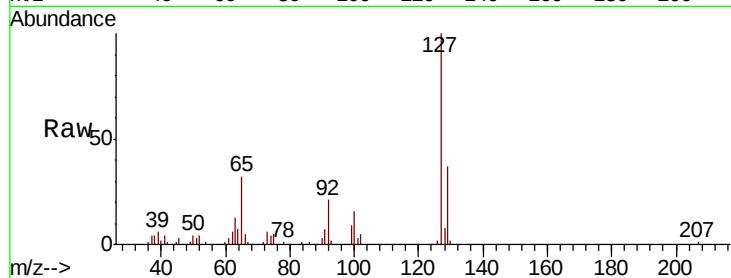




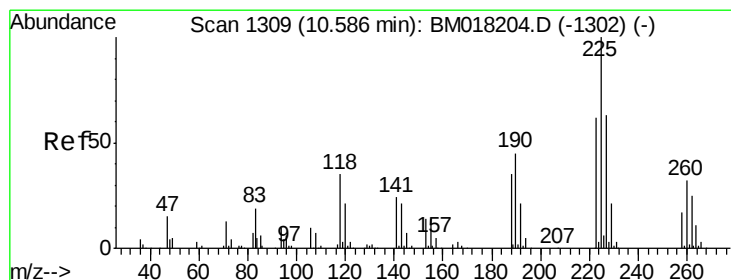
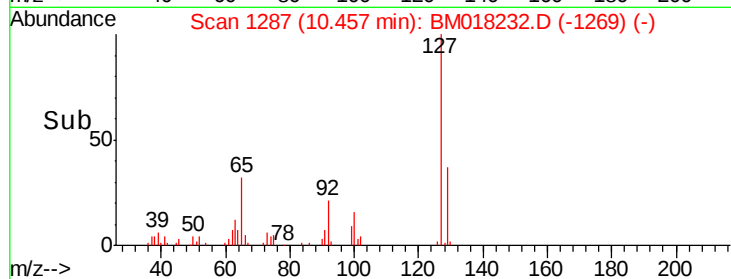
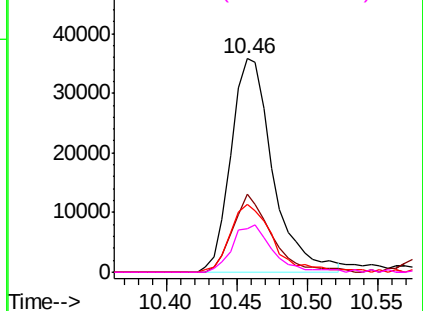
#33
4-Chloroaniline
Concen: 6.379 ng
RT: 10.46 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	74565
Ion	Ratio	Lower	Upper
127	100		
129	36.6	26.4	39.6
65	31.9	25.6	38.4
92	20.5	17.0	25.6

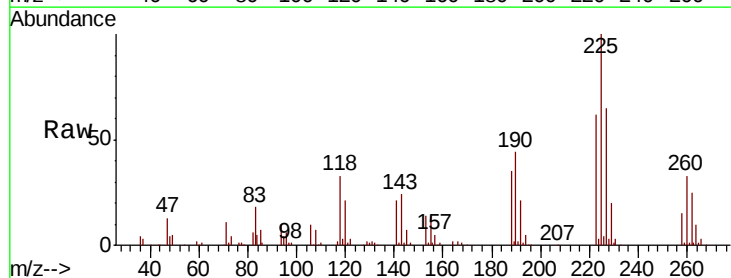


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

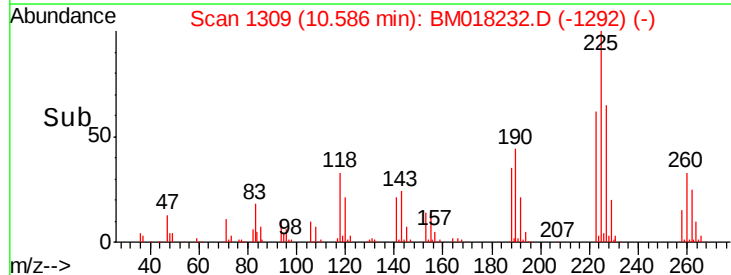
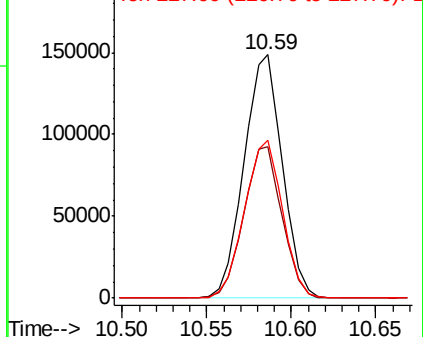


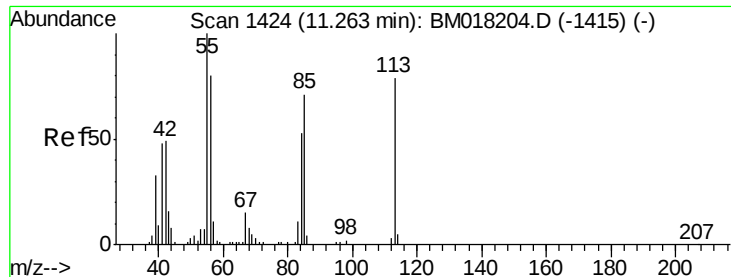
#34
Hexachlorobutadiene
Concen: 38.973 ng
RT: 10.59 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Tgt Ion:	225	Resp:	233608
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.8	74.6
227	65.0	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: 26.399 ng

RT: 11.26 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

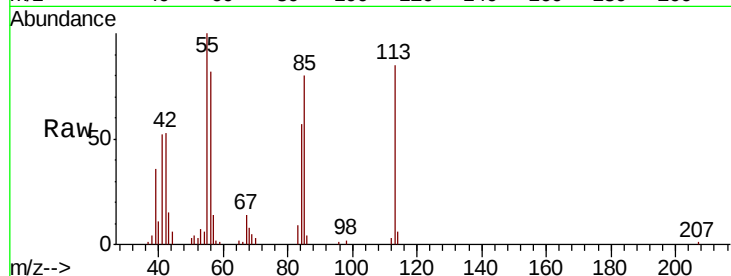
Tot Ion:113 Resp: 83816

Ion Ratio Lower Upper

113 100

55 118.0 105.9 145.9

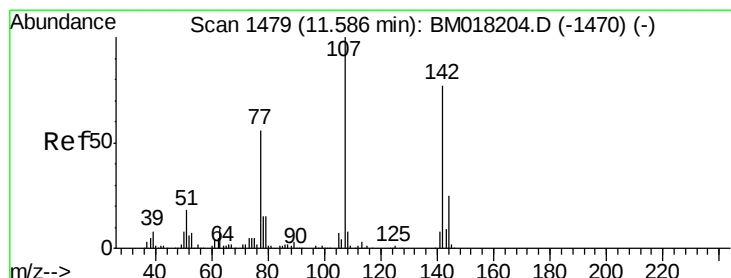
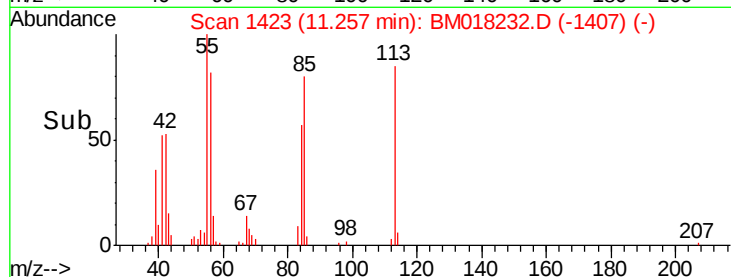
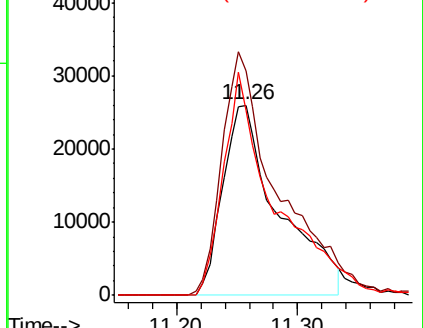
56 97.3 80.1 120.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 33.913 ng

RT: 11.59 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

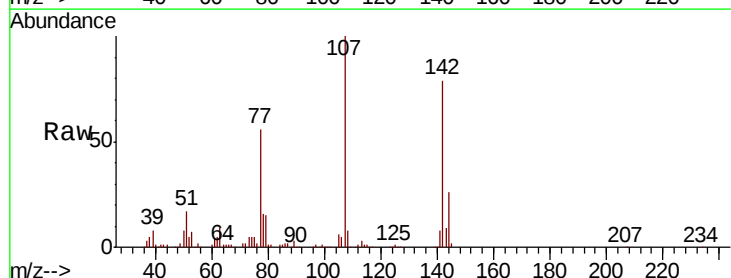
Tgt Ion:107 Resp: 339533

Ion Ratio Lower Upper

107 100

144 26.3 20.1 30.1

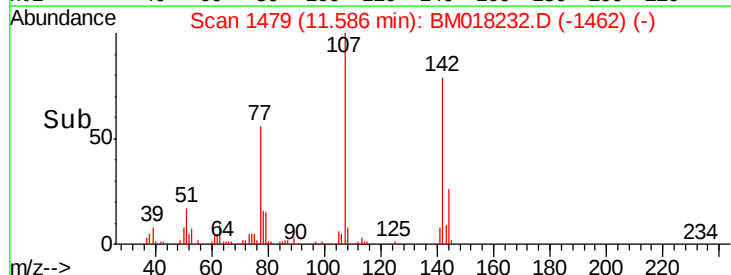
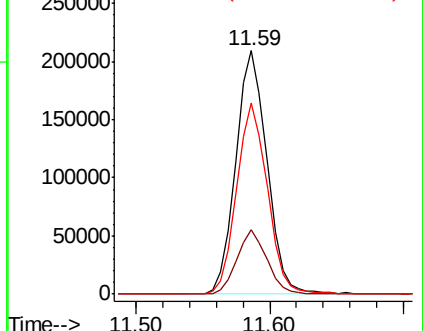
142 78.5 61.7 92.5

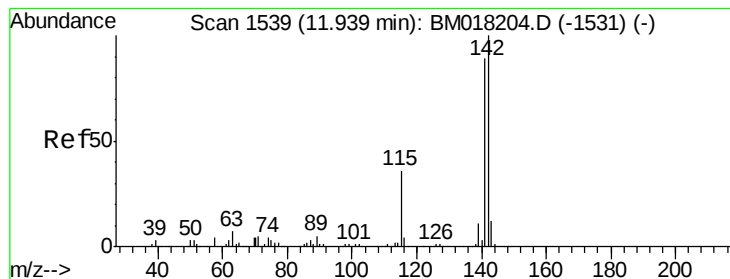


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.709 ng

RT: 11.94 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

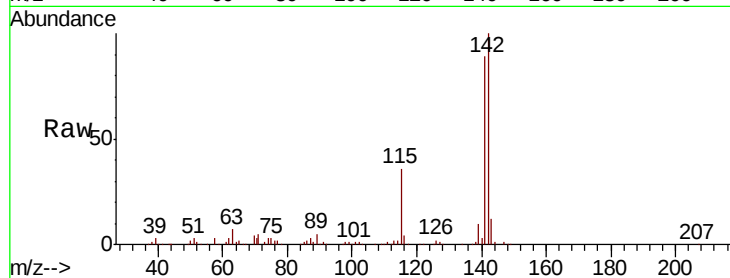
Tot Ion:142 Resp: 784932

Ion Ratio Lower Upper

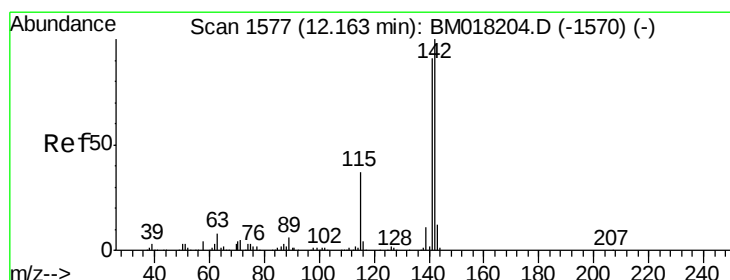
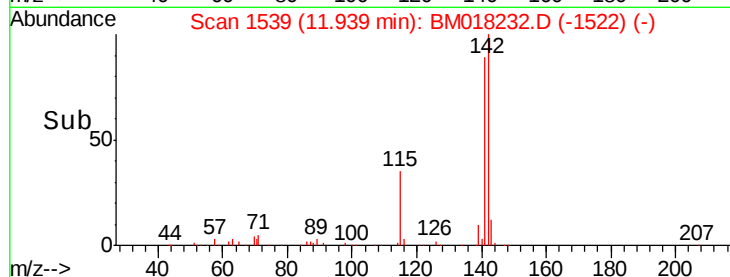
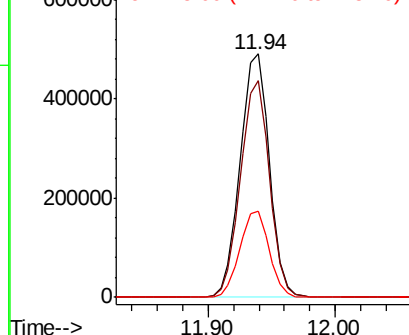
142 100

141 88.8 71.4 107.2

115 35.5 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.115 ng

RT: 12.16 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

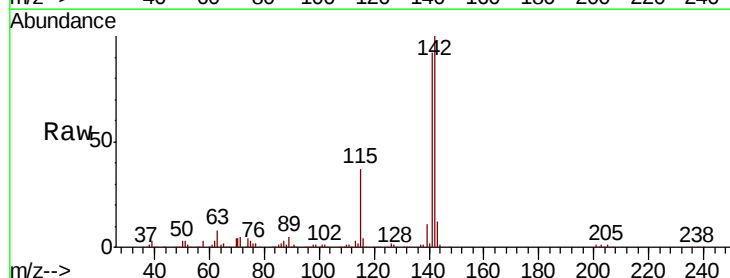
Tgt Ion:142 Resp: 736655

Ion Ratio Lower Upper

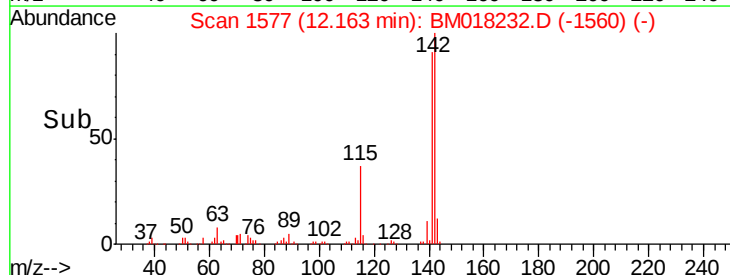
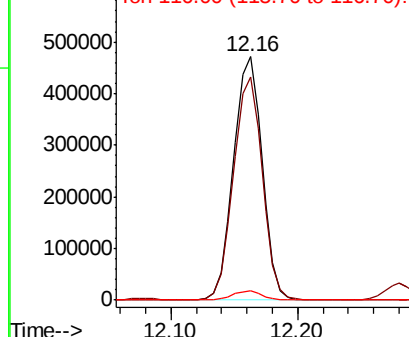
142 100

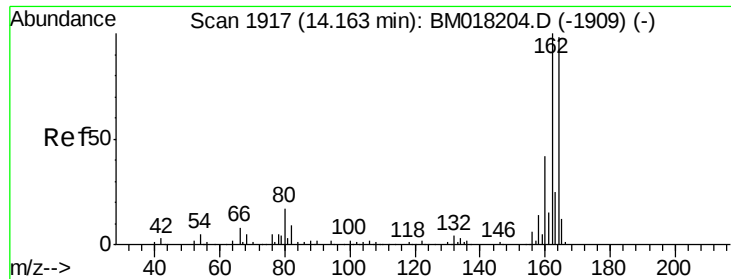
141 91.5 73.0 109.4

116 3.9 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.16 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampled :

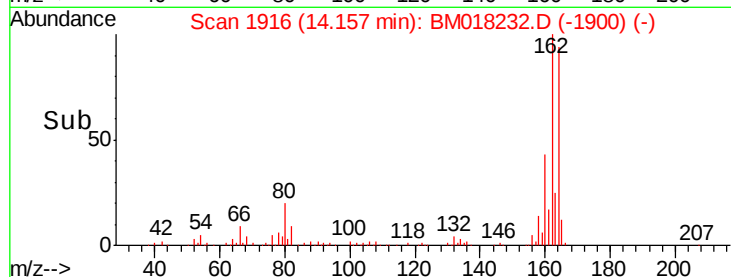
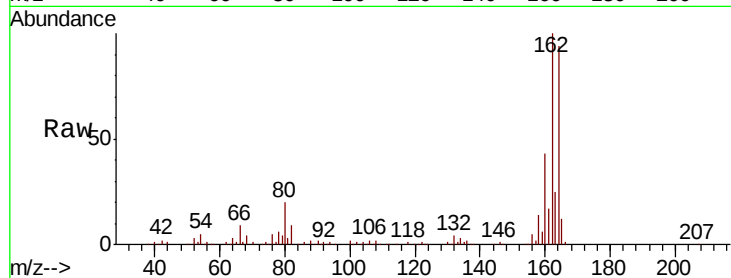
Tot Ion:164 Resp: 261643

Ion Ratio Lower Upper

164 100

162 106.3 81.8 122.6

160 45.5 34.6 51.8

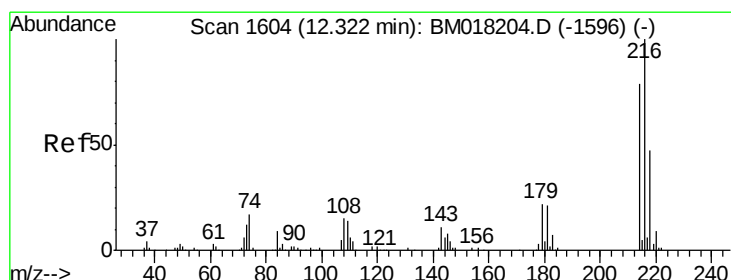
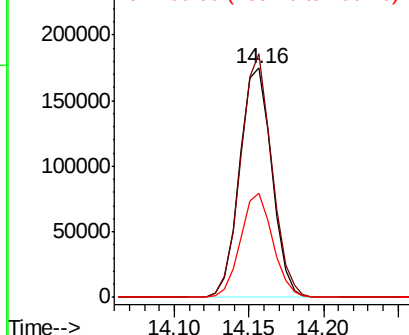


Abundance

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: 44.000 ng

RT: 12.32 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Tgt Ion:216 Resp: 395876

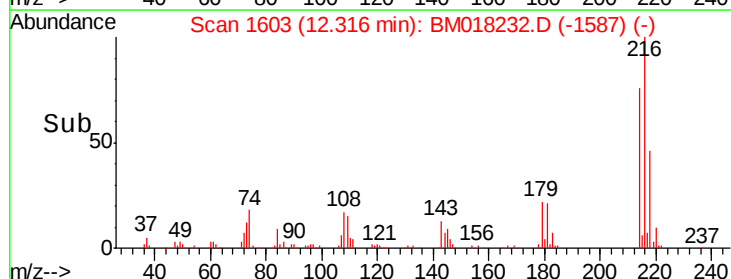
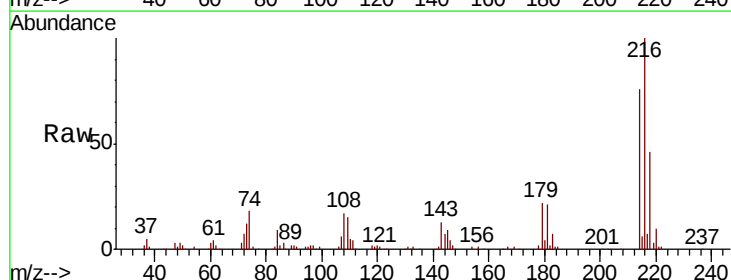
Ion Ratio Lower Upper

216 100

214 77.4 63.4 95.0

179 21.3 17.2 25.8

108 20.7 14.6 21.8



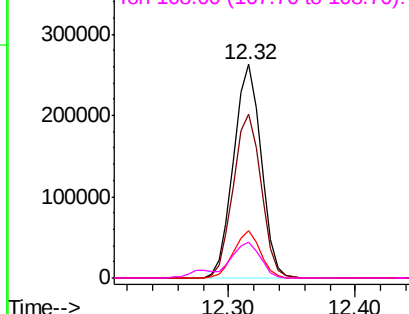
Abundance

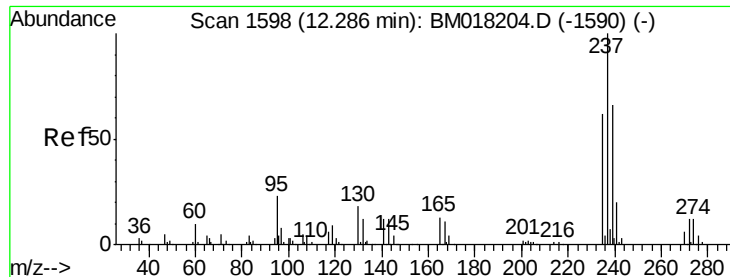
Ion 216.00 (215.70 to 216.70): E

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: 97.084 ng

RT: 12.28 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

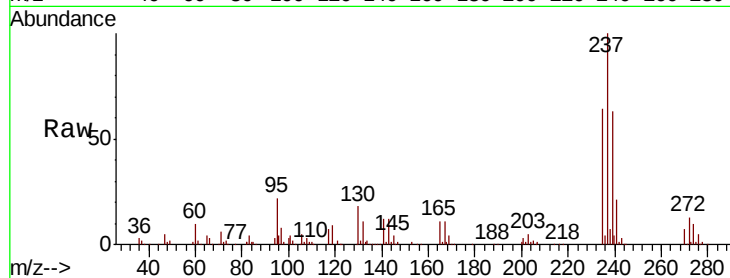
Tot Ion:237 Resp: 390082

Ion Ratio Lower Upper

237 100

235 64.1 42.1 82.1

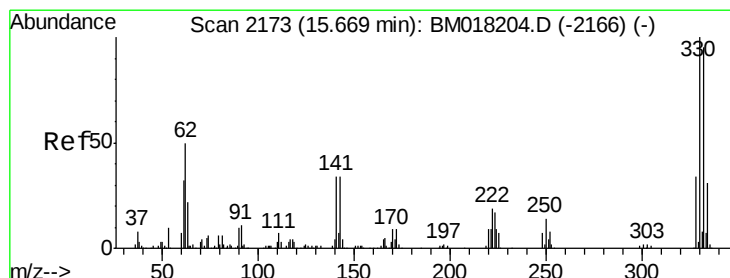
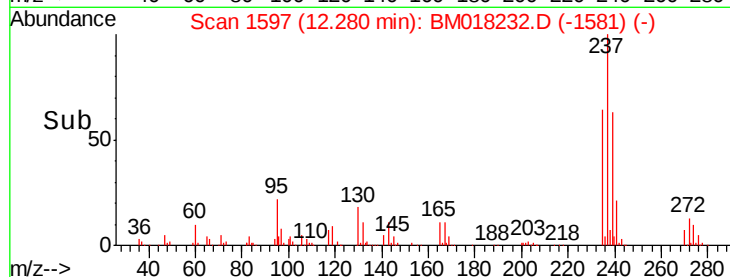
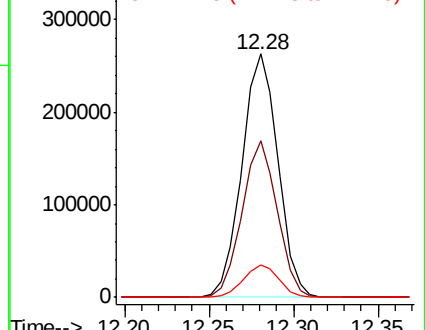
272 13.2 0.0 32.1



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: 89.040 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

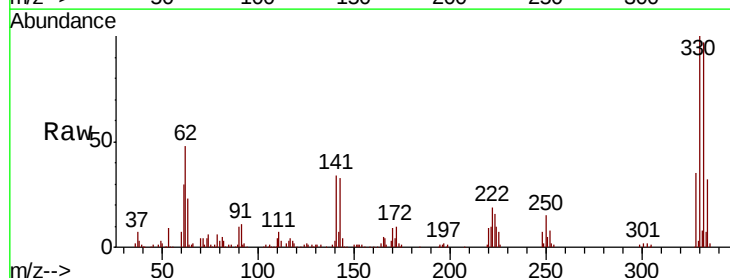
Tgt Ion:330 Resp: 341932

Ion Ratio Lower Upper

330 100

332 98.5 78.6 118.0

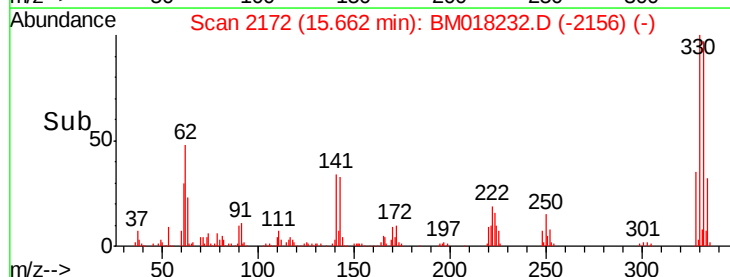
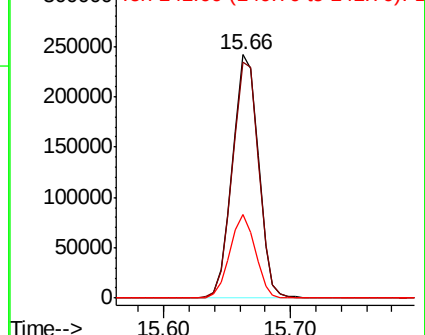
141 33.8 27.1 40.7

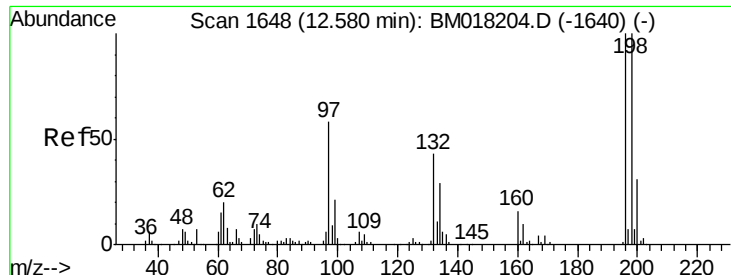


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

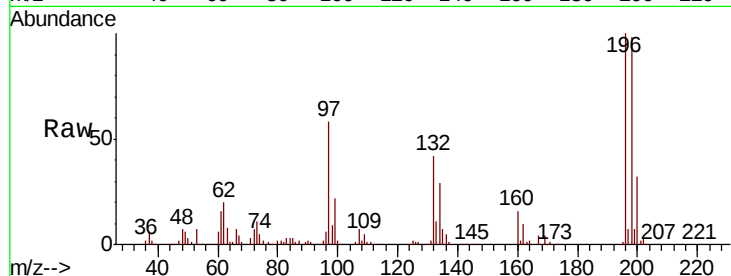




#43
2,4,6-Trichlorophenol
Concen: 41.870 ng
RT: 12.57 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.8	80.1	120.1
200	31.6	24.9	37.3

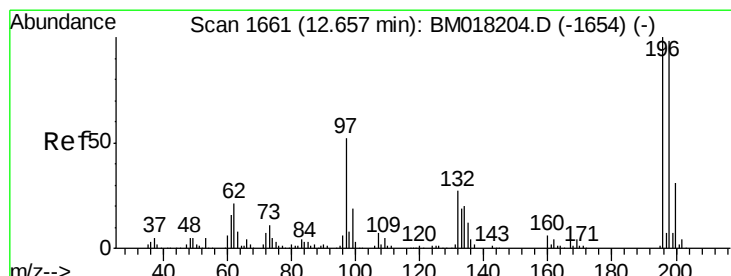
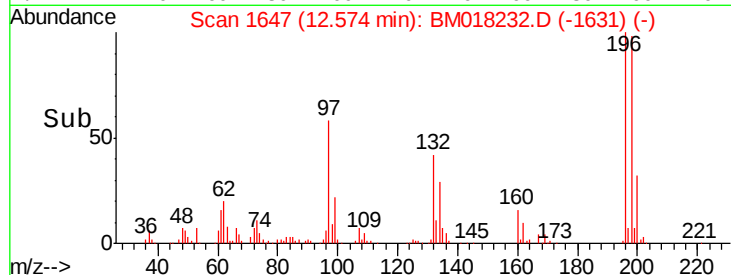
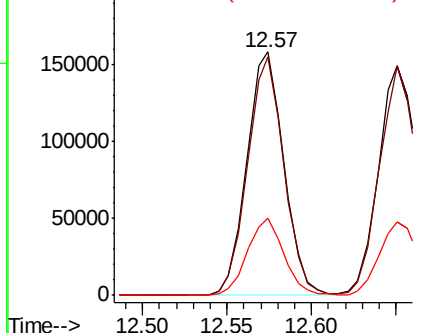


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 40.744 ng
RT: 12.65 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.3	78.5	117.7
97	53.1	41.9	62.9
132	28.6	21.7	32.5

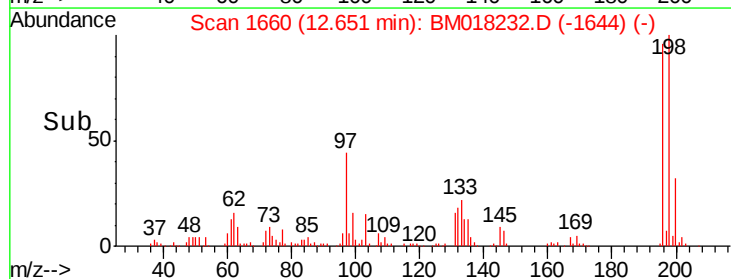
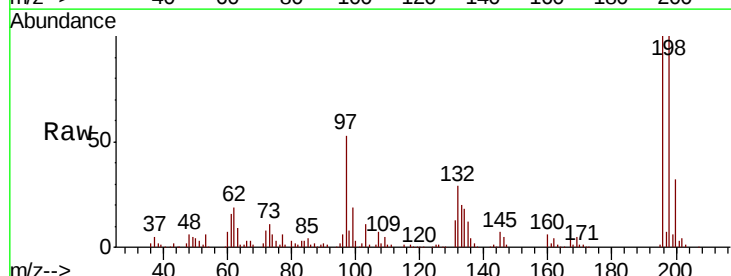
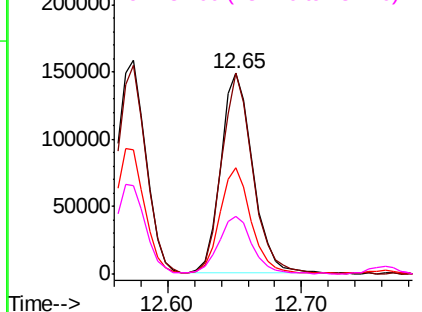
Abundance

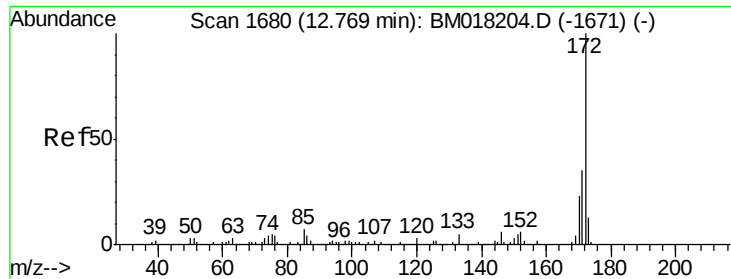
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E

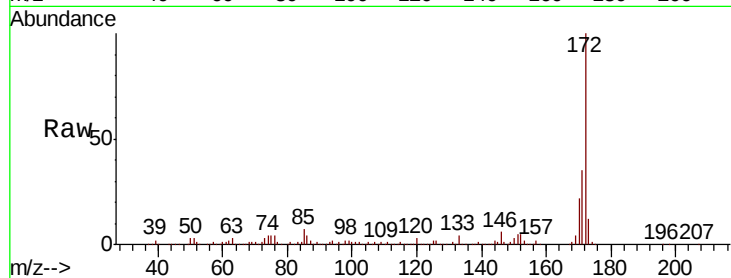




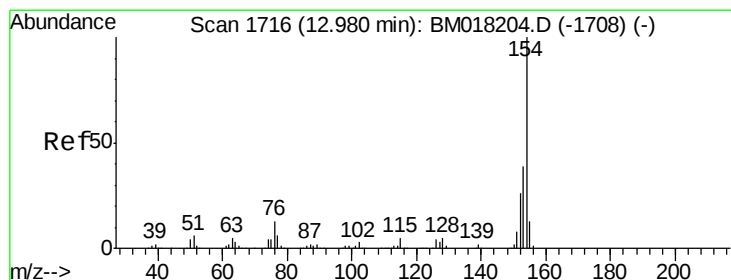
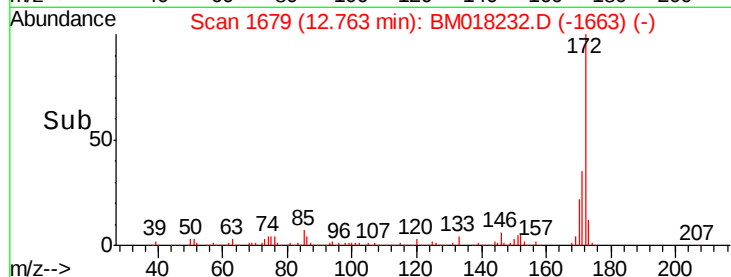
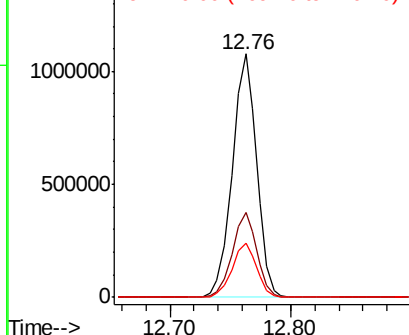
#45
2-Fluorobiphenyl
Concen: 74.705 ng
RT: 12.76 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Instrument :
BNA_M
ClientSampled :

Tot Ion:172 Resp: 1509068
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.4 18.1 27.1

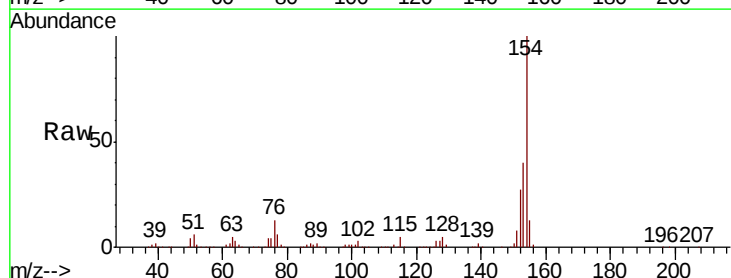


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

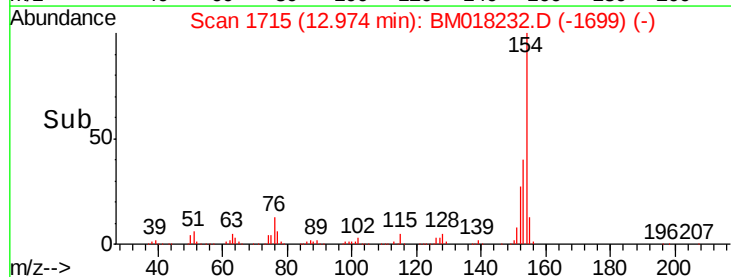
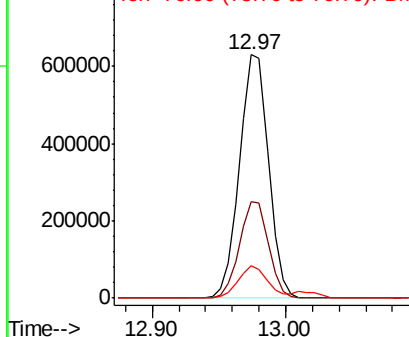


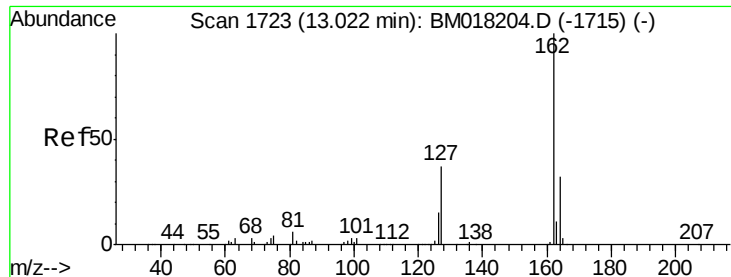
#46
1,1'-Biphenyl
Concen: 40.153 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Tgt Ion:154 Resp: 945123
Ion Ratio Lower Upper
154 100
153 39.7 19.5 59.5
76 13.2 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

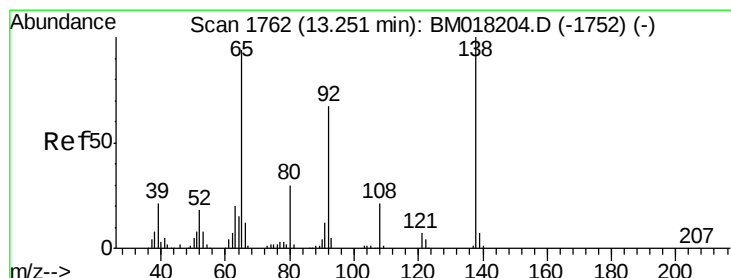
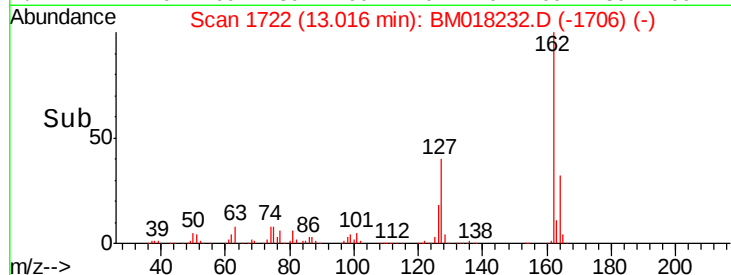
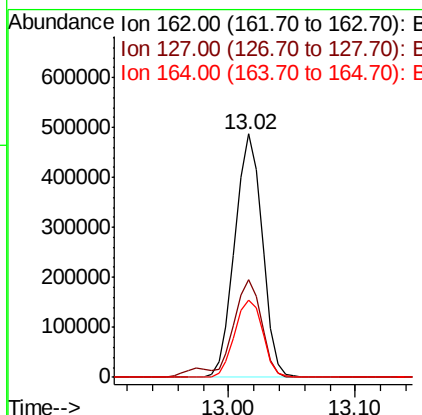
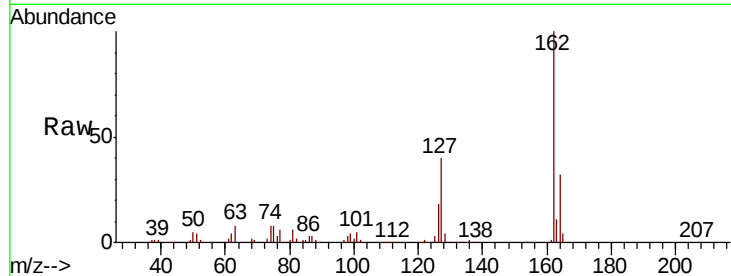




#47
 2-Chloronaphthalene
 Concen: 42.178 ng
 RT: 13.02 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BM018232.D
 Acq: 16 Dec 2018 18:30

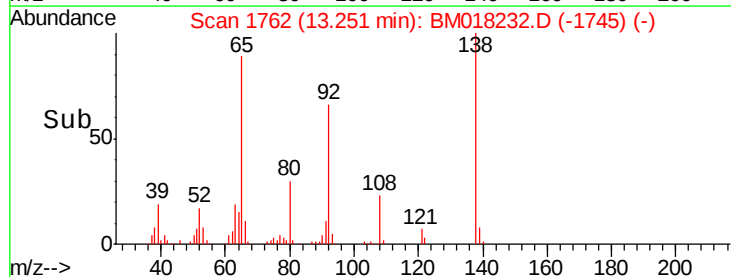
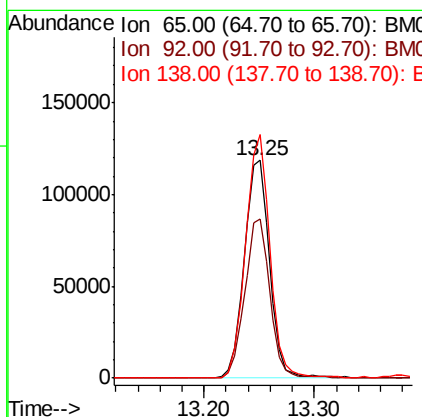
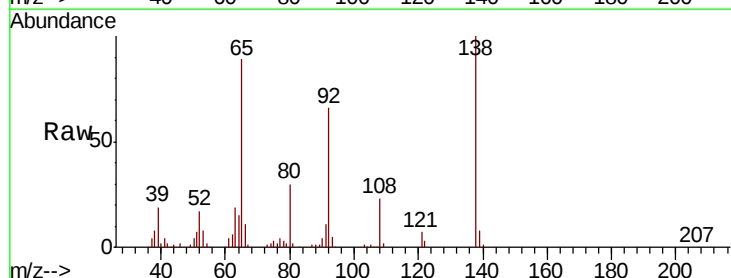
Instrument :
 BNA_M
 ClientSampleId :

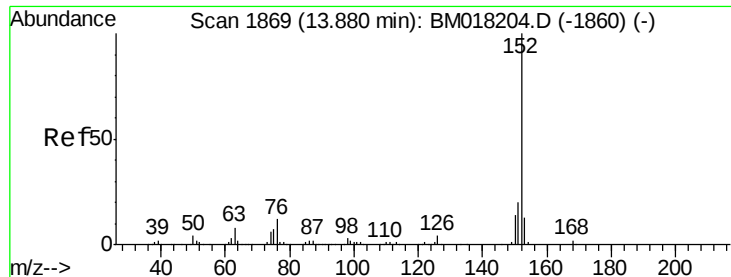
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	31.8	47.8
164	31.5	25.9	38.9



#48
 2-Nitroaniline
 Concen: 35.889 ng
 RT: 13.25 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BM018232.D
 Acq: 16 Dec 2018 18:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	56.8	85.2
138	111.8	85.1	127.7





#49

Acenaphthylene

Concen: 42.451 ng

RT: 13.87 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

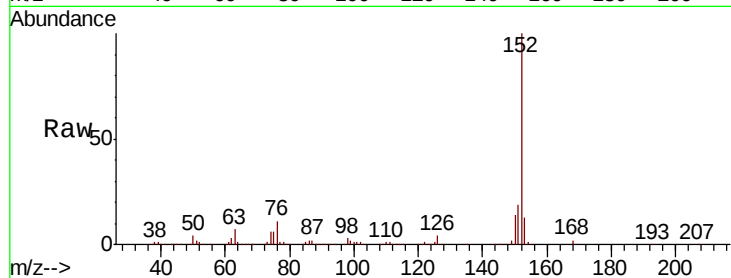
Tot Ion:152 Resp: 1108310

Ion Ratio Lower Upper

152 100

151 19.4 16.0 24.0

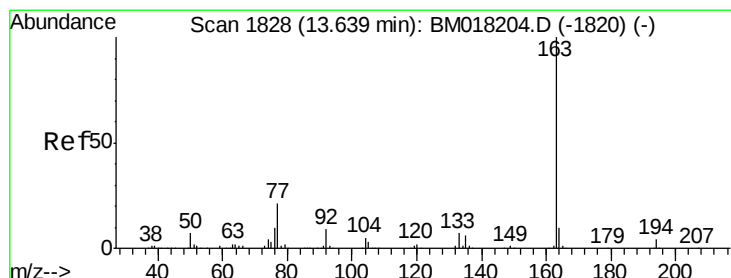
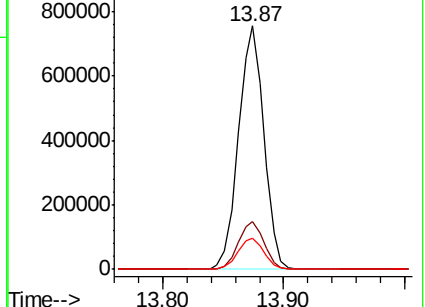
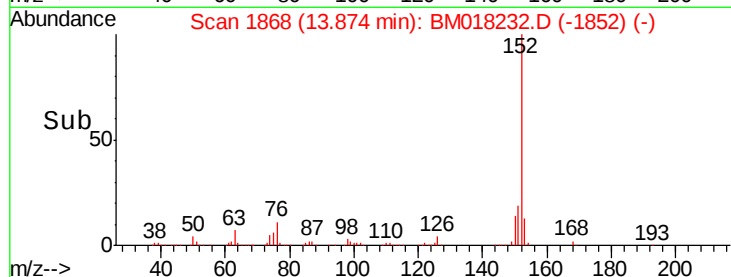
153 12.8 10.2 15.2



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: 41.537 ng

RT: 13.63 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

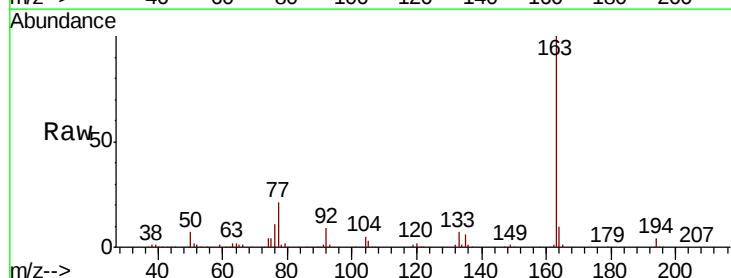
Tgt Ion:163 Resp: 903514

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

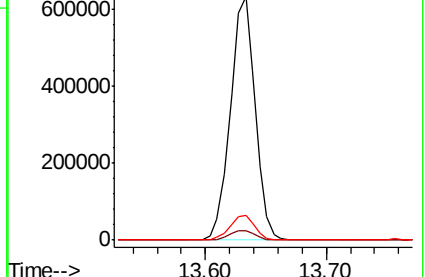
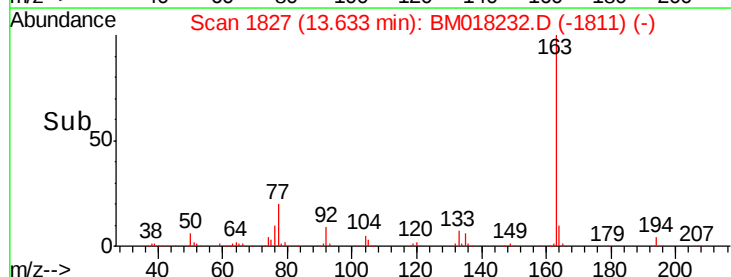
164 10.0 7.9 11.9

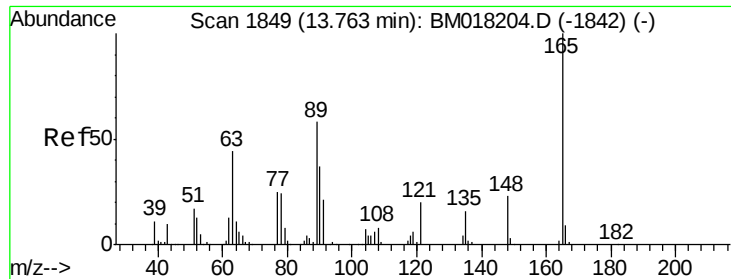


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

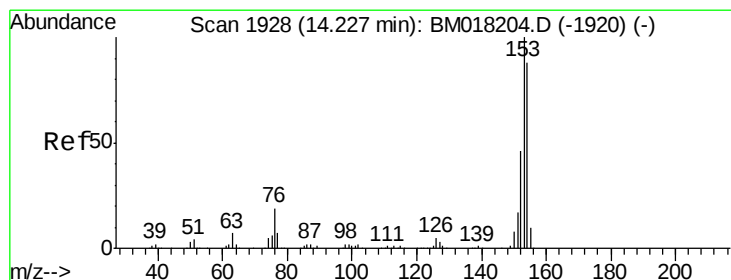
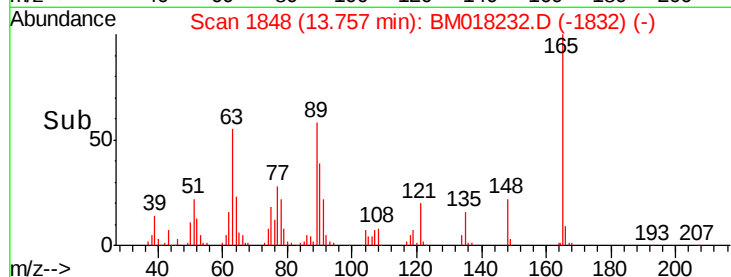
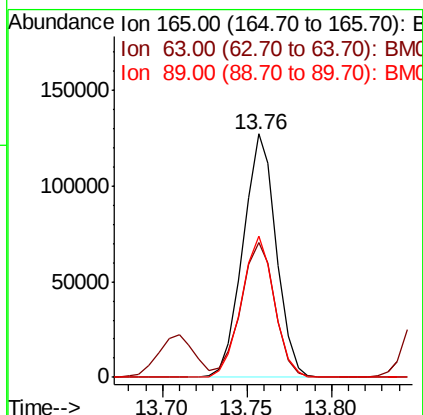
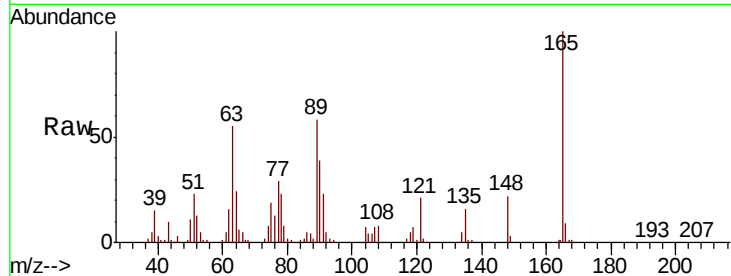




#51
2,6-Dinitrotoluene
Concen: 36.376 ng
RT: 13.76 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

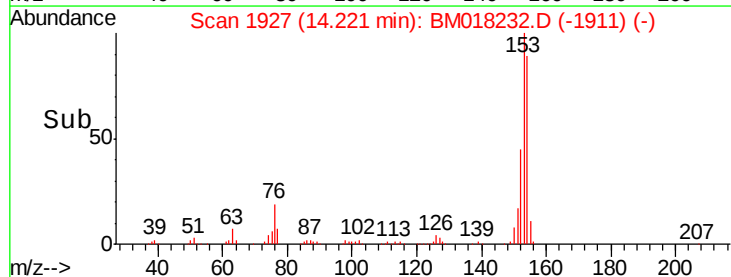
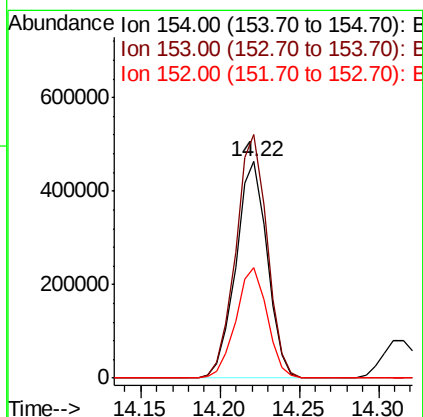
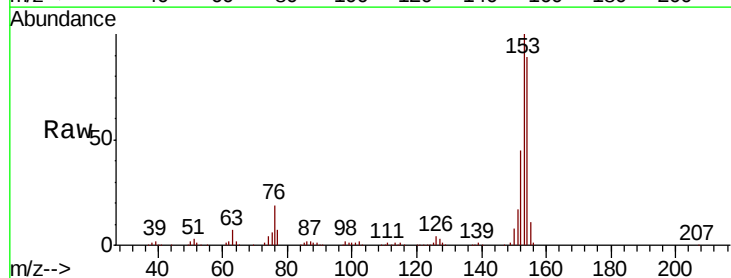
Instrument :
BNA_M
ClientSampleId :

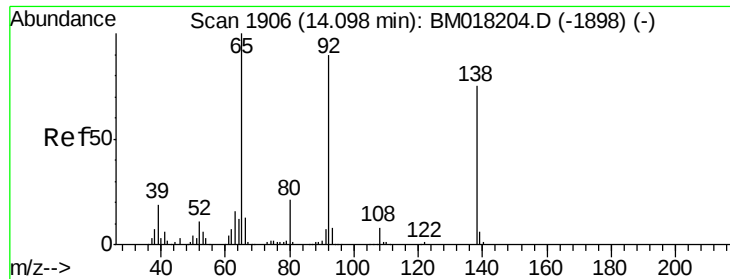
Tot Ion:165 Resp: 173946
Ion Ratio Lower Upper
165 100
63 55.4 46.6 69.8
89 58.2 46.3 69.5



#52
Acenaphthene
Concen: 39.875 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Tgt Ion:154 Resp: 636217
Ion Ratio Lower Upper
154 100
153 112.4 90.4 135.6
152 51.2 41.2 61.8

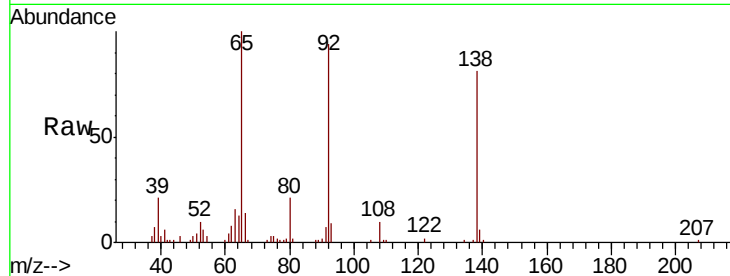




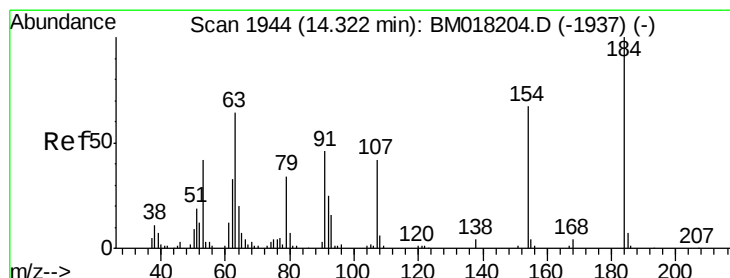
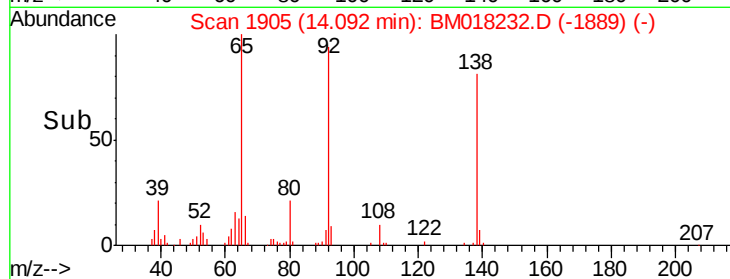
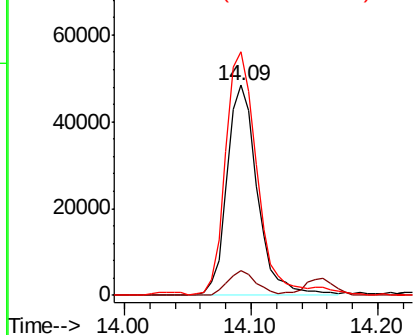
#53
3-Nitroaniline
Concen: 15.992 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 80473
Ion Ratio Lower Upper
138 100
108 12.0 8.4 12.6
92 116.1 94.9 142.3

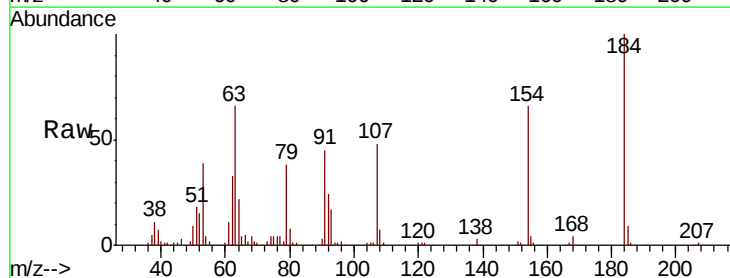


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

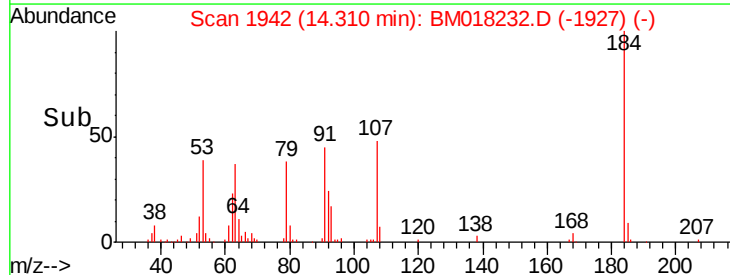
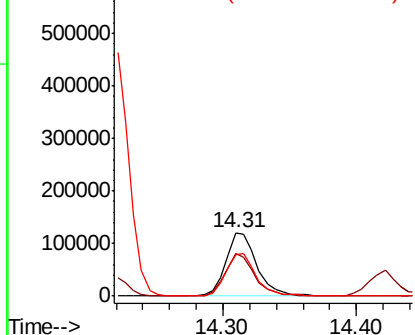


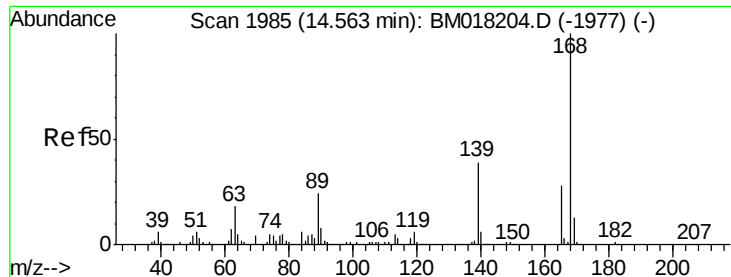
#54
2,4-Dinitrophenol
Concen: 75.012 ng
RT: 14.31 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Tgt Ion:184 Resp: 197866
Ion Ratio Lower Upper
184 100
63 66.4 51.6 77.4
154 65.6 54.0 81.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.547 ng

RT: 14.56 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

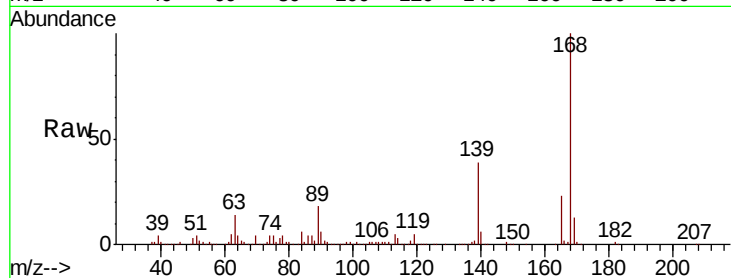
Tot Ion:168 Resp: 988247

Ion Ratio Lower Upper

168 100

139 38.5 31.2 46.8

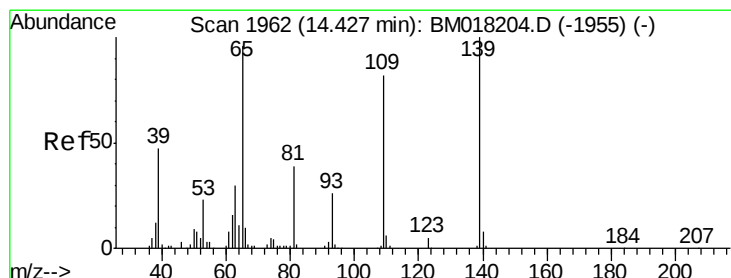
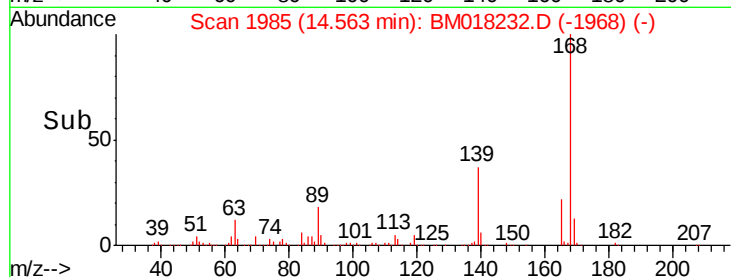
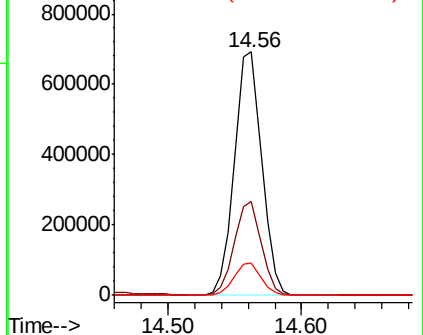
169 13.2 10.4 15.6



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: 65.369 ng

RT: 14.42 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

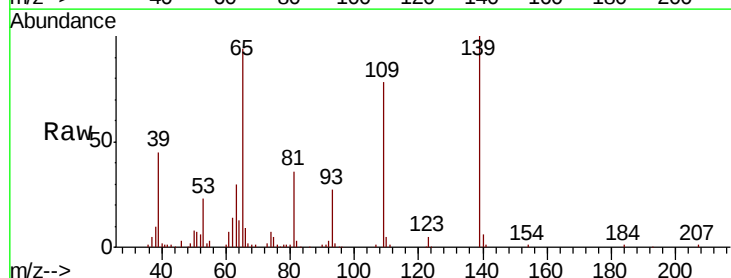
Tgt Ion:139 Resp: 249404

Ion Ratio Lower Upper

139 100

109 77.6 62.3 102.3

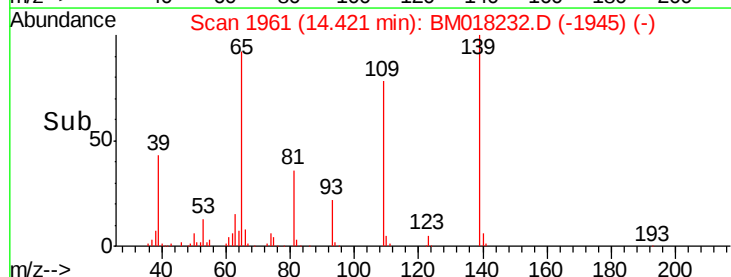
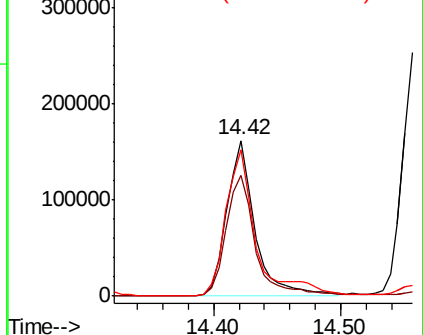
65 93.9 76.4 116.4

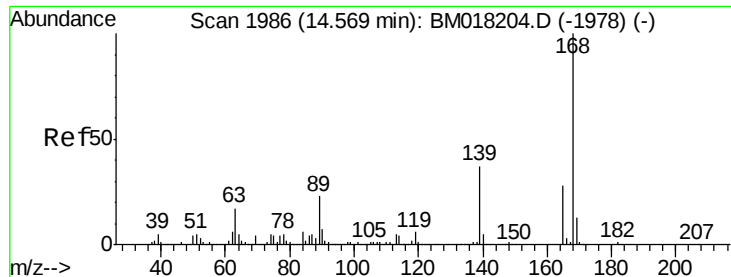


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

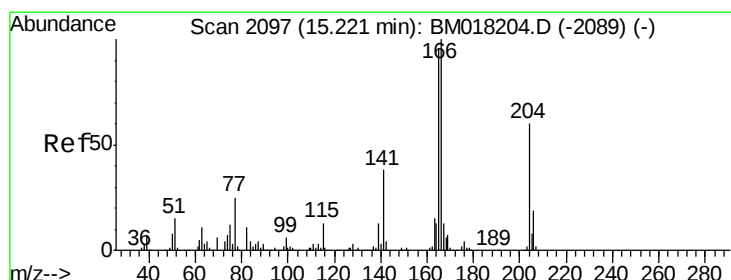
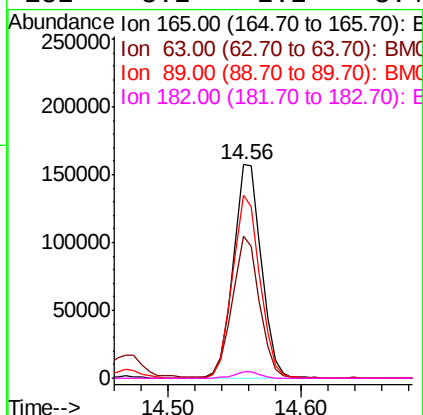
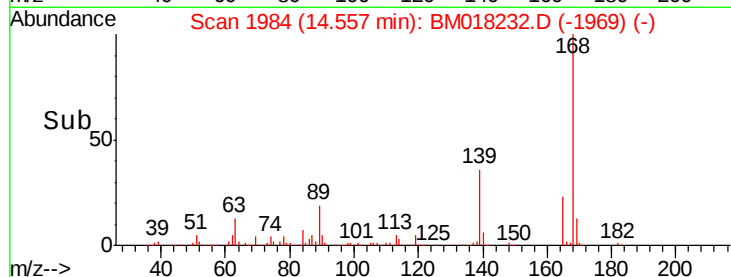
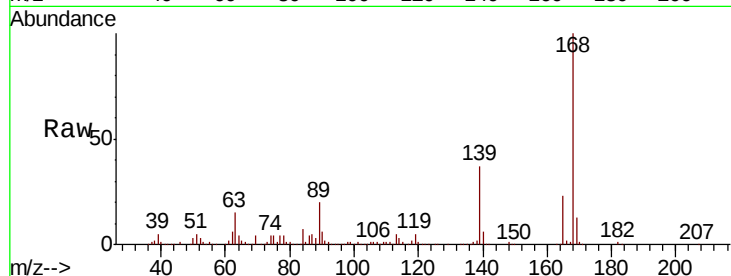




#57
2,4-Dinitrotoluene
Concen: 34.831 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

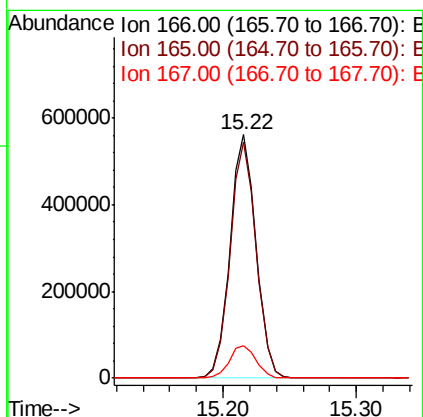
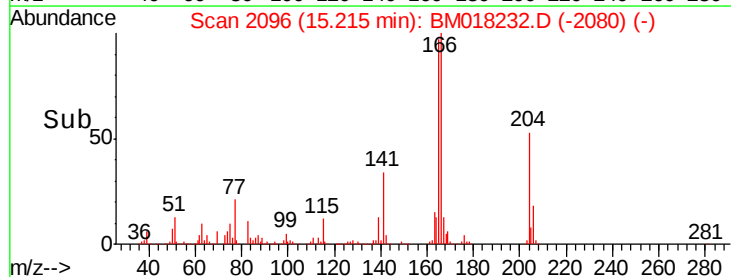
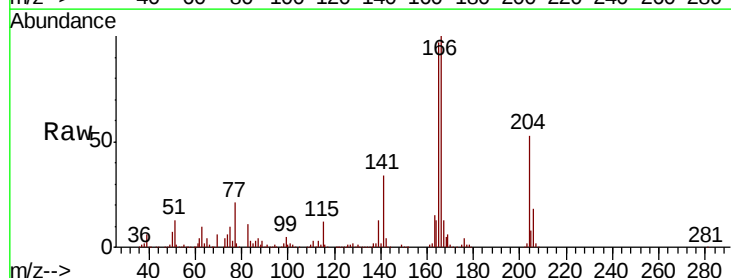
Instrument :
BNA_M
ClientSampled :

Tot Ion:	165	Resp:	230219
Ion	Ratio	Lower	Upper
165	100		
63	66.6	47.2	70.8
89	85.9	65.8	98.8
182	3.2	2.2	3.4



#58
Fluorene
Concen: 38.476 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Tgt Ion:	166	Resp:	761868
Ion	Ratio	Lower	Upper
166	100		
165	97.1	76.9	115.3
167	13.4	10.5	15.7

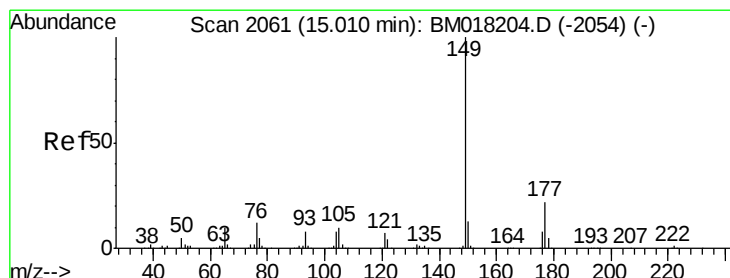
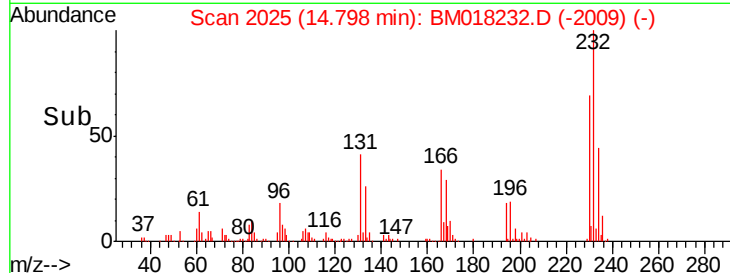
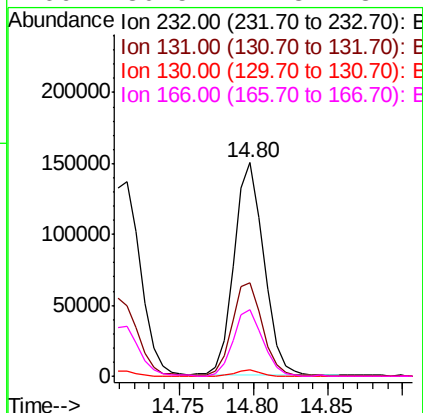
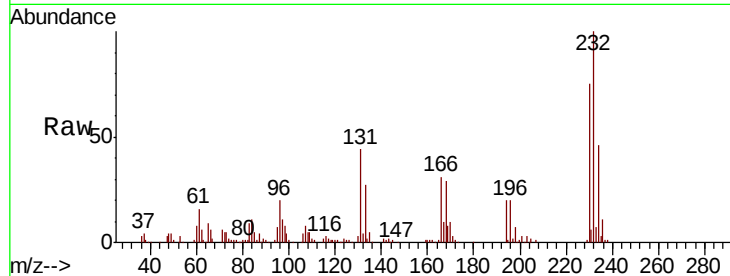




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.950 ng
 RT: 14.80 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BM018232.D
 Acq: 16 Dec 2018 18:30

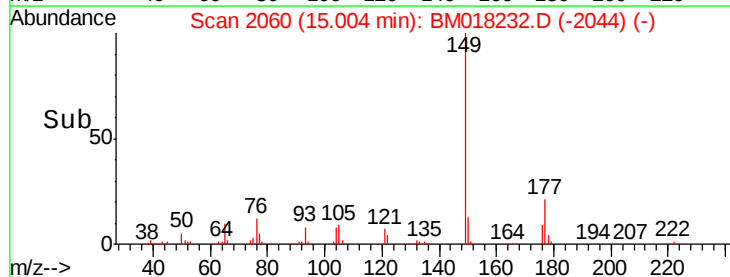
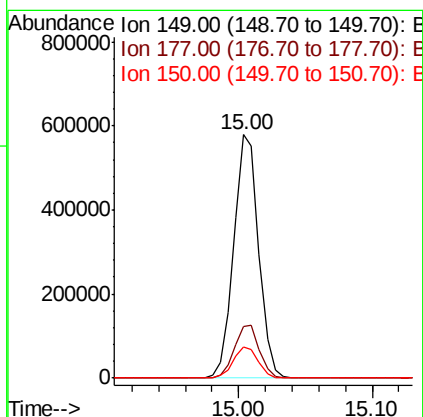
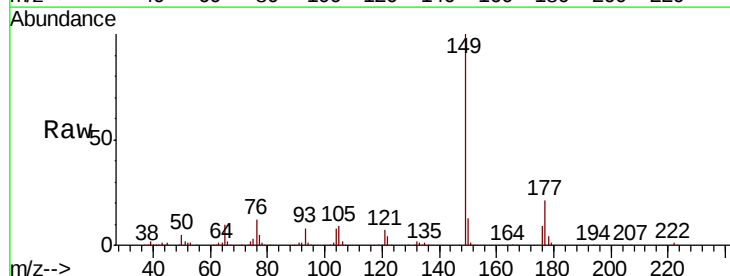
Instrument :
 BNA_M
 ClientSampleId :

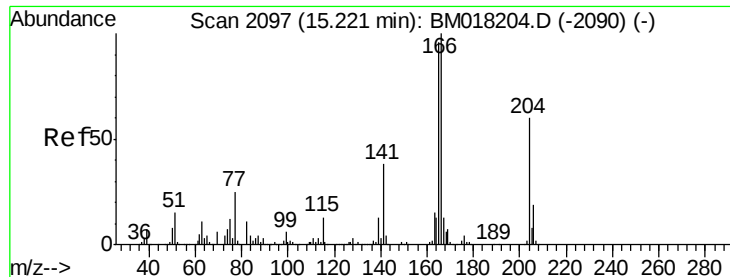
Tot Ion:232	Resp:	209968
Ion Ratio	Lower	Upper
232	100	
131	45.4	36.2 54.2
130	2.5	1.8 2.6
166	30.5	24.8 37.2



#60
 Diethylphthalate
 Concen: 31.978 ng
 RT: 15.00 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BM018232.D
 Acq: 16 Dec 2018 18:30

Tgt Ion:149	Resp:	750656
Ion Ratio	Lower	Upper
149	100	
177	21.2	17.8 26.8
150	12.8	10.3 15.5

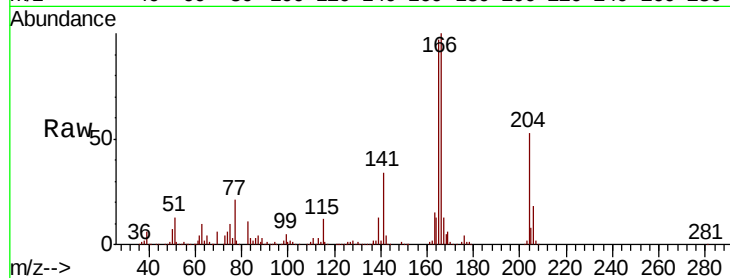




#61
4-Chlorophenyl-phenylether
Concen: 34.708 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.8	38.6
141	64.2	50.2	75.4

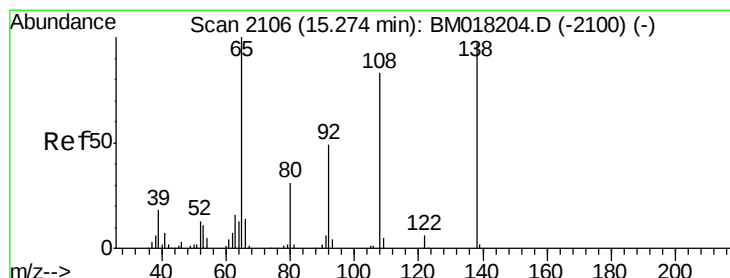
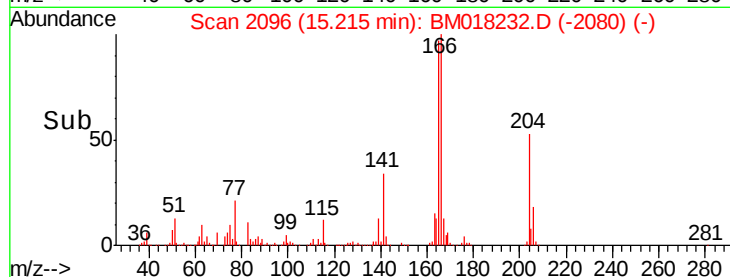
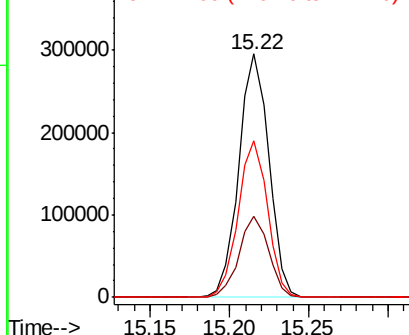


Abundance

Ion 204.00 (203.70 to 204.70): E

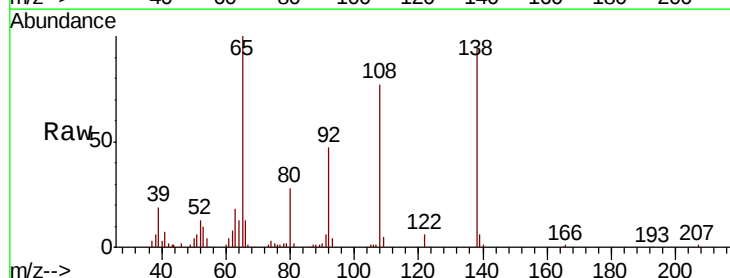
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 28.492 ng
RT: 15.27 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	31.1	71.1
108	81.1	65.0	105.0

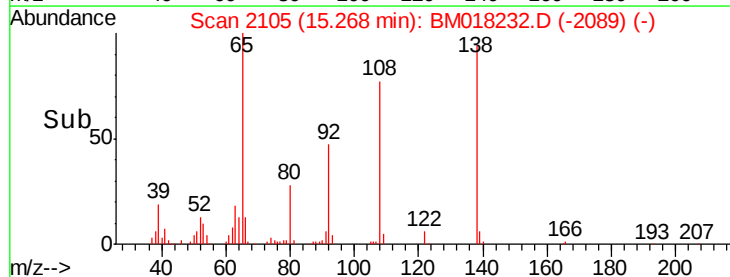
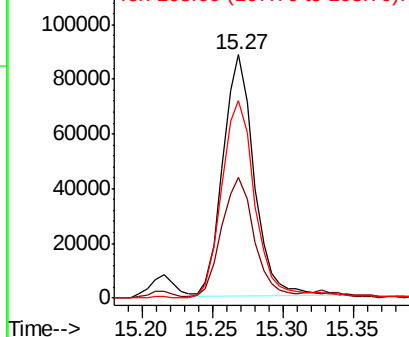


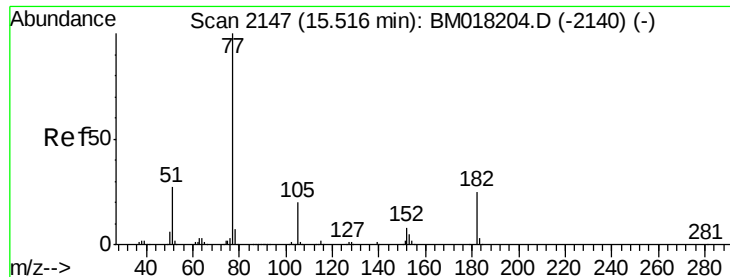
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): E

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 32.554 ng

RT: 15.51 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 696811

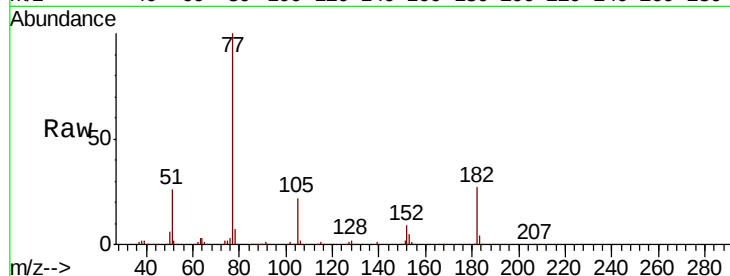
Ion Ratio Lower Upper

77 100

182 26.8 4.6 44.6

105 21.7 0.2 40.2

51 25.8 7.0 47.0

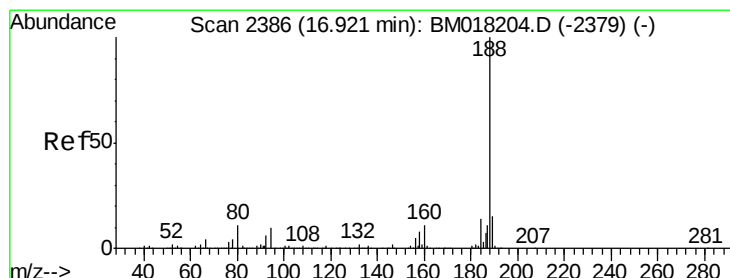
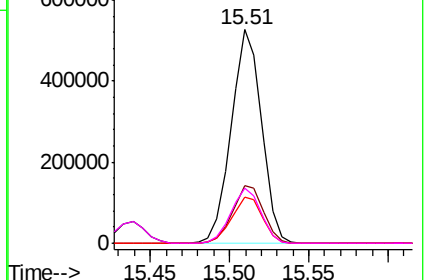
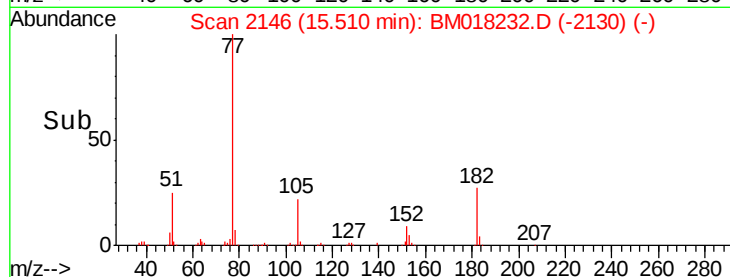


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

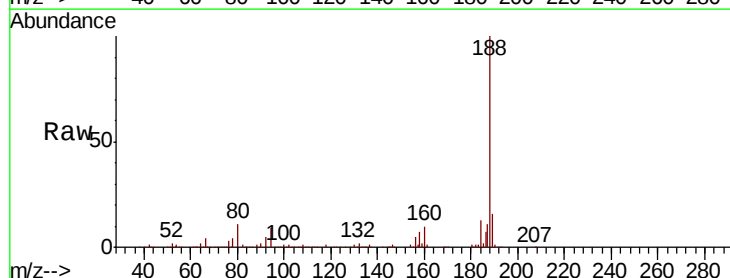
Tgt Ion: 188 Resp: 444148

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

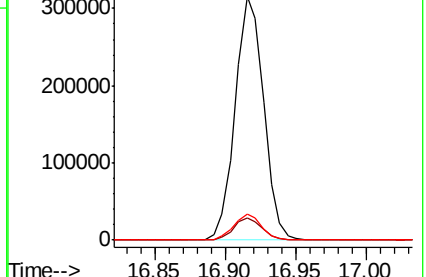
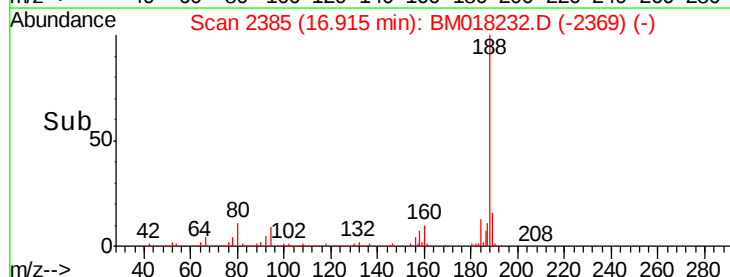
80 10.8 9.0 13.6

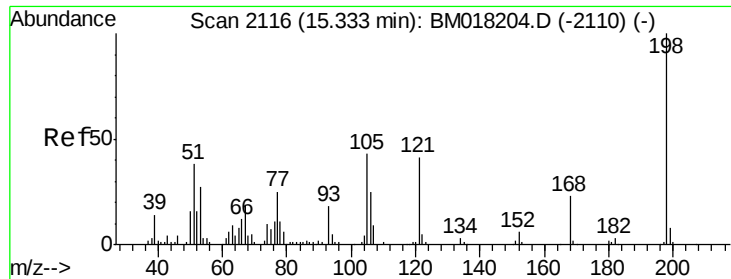


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

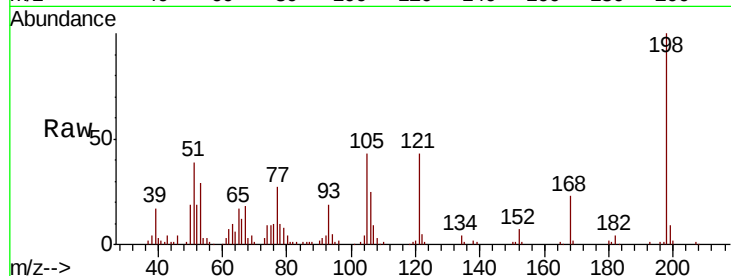




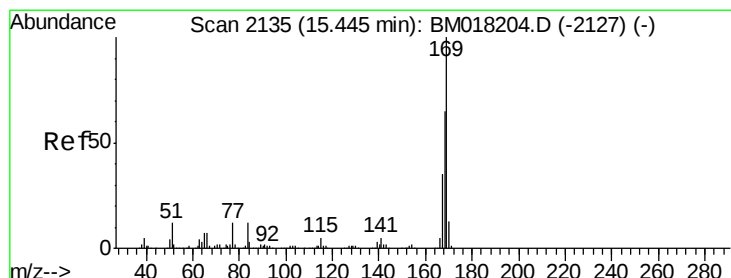
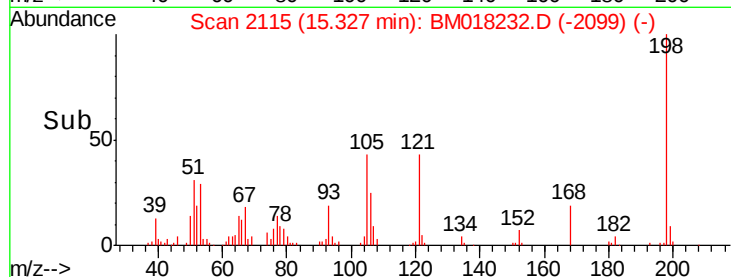
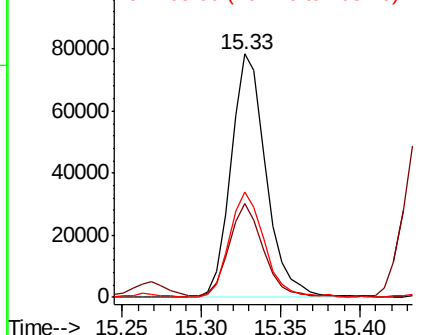
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.717 ng
 RT: 15.33 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BM018232.D
 Acq: 16 Dec 2018 18:30

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:198 Resp: 120054
 Ion Ratio Lower Upper
 198 100
 51 38.7 18.6 58.6
 105 43.3 22.9 62.9

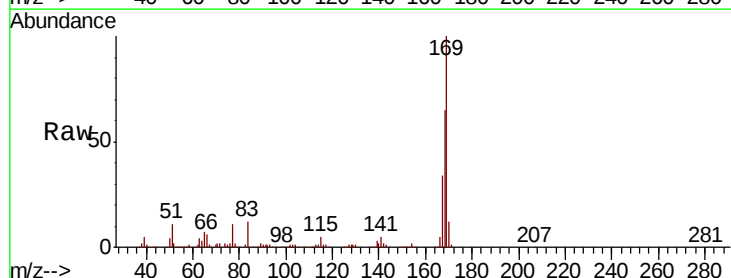


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

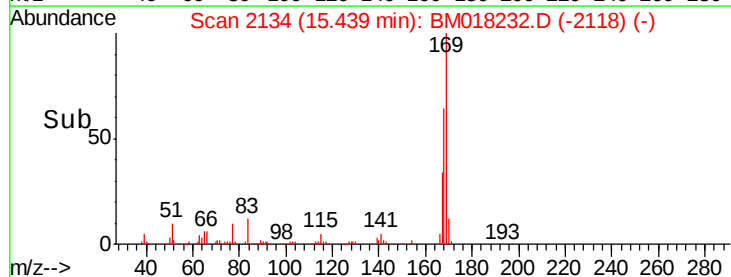
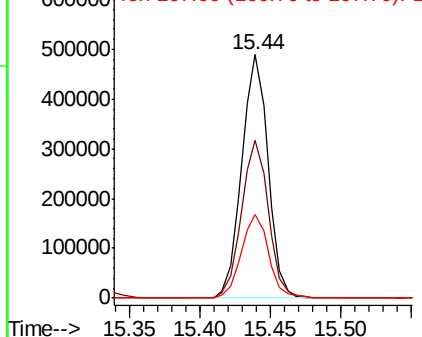


#66
 n-Nitrosodiphenylamine
 Concen: 43.409 ng
 RT: 15.44 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BM018232.D
 Acq: 16 Dec 2018 18:30

Tgt Ion:169 Resp: 637549
 Ion Ratio Lower Upper
 169 100
 168 64.8 52.2 78.4
 167 34.2 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

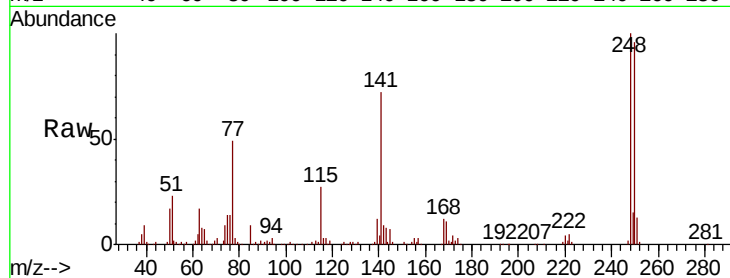




#67
4-Bromophenyl-phenylether
Concen: 42.764 ng
RT: 16.12 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.7	118.1
141	71.9	62.2	93.4

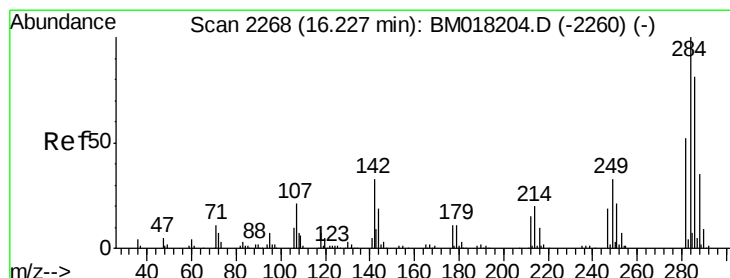
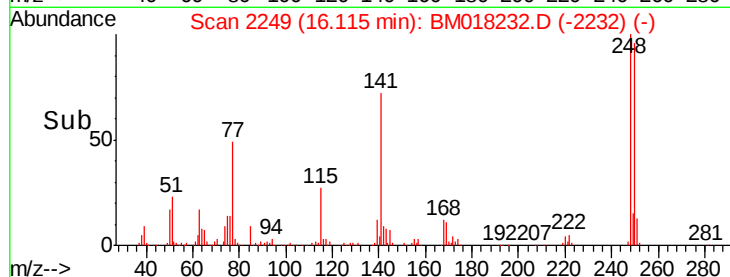
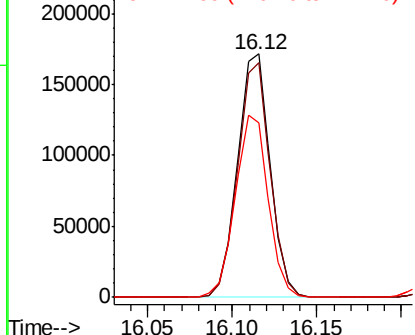


Abundance

Ion 248.00 (247.70 to 248.70): E

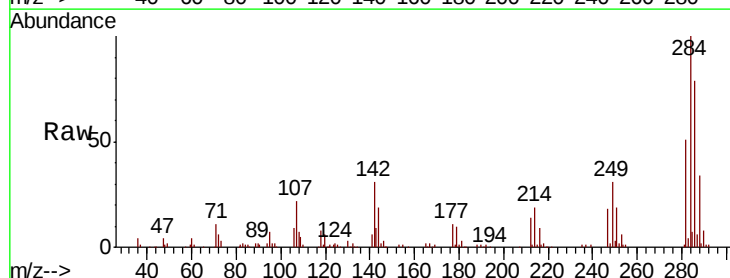
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.487 ng
RT: 16.22 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	26.2	39.4
249	30.5	26.2	39.2

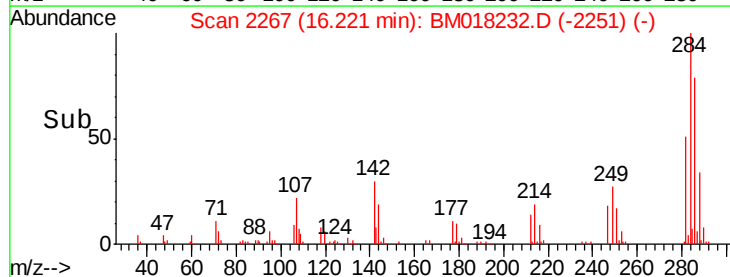
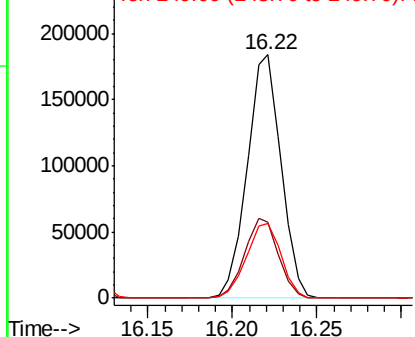


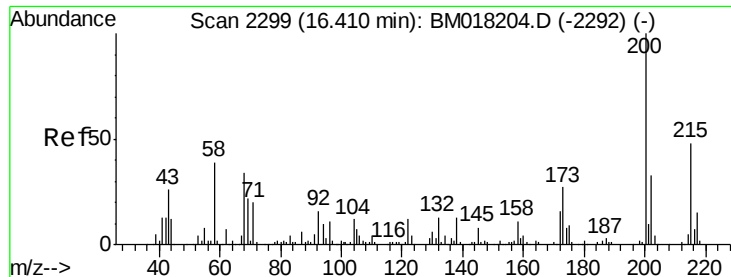
Abundance

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

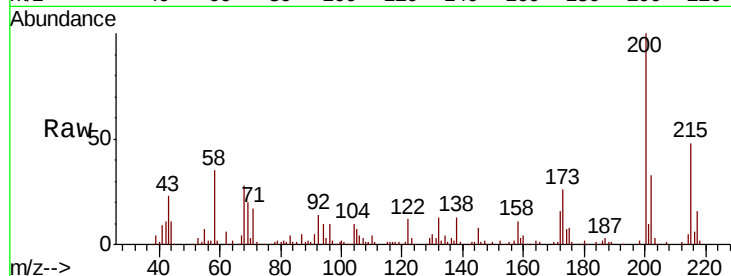




#69
Atrazine
Concen: 41.058 ng
RT: 16.40 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.9	46.9
215	47.6	27.9	67.9

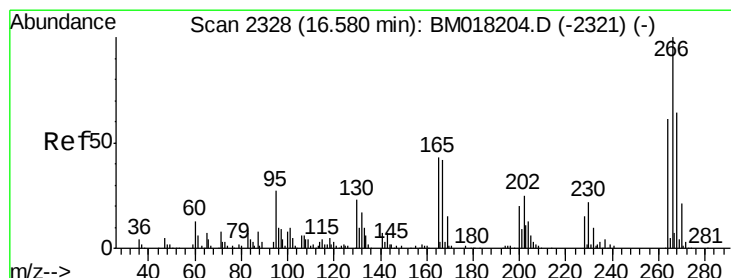
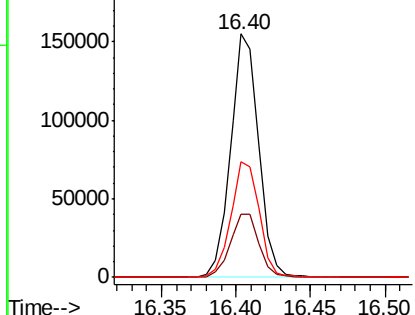
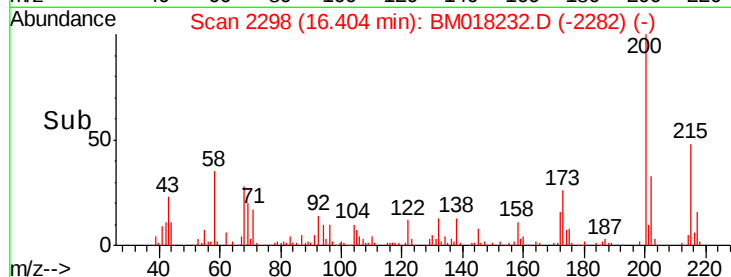


Abundance

Ion 200.00 (199.70 to 200.70): E

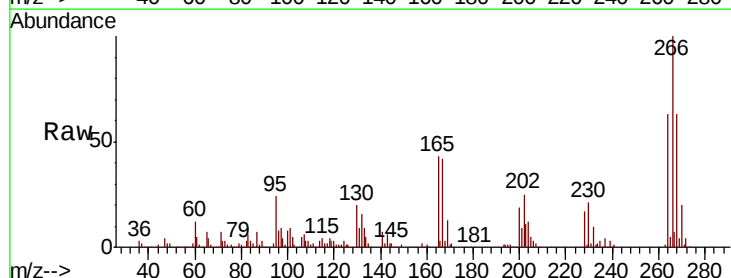
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 68.520 ng
RT: 16.57 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.1	76.7
264	62.9	49.0	73.4

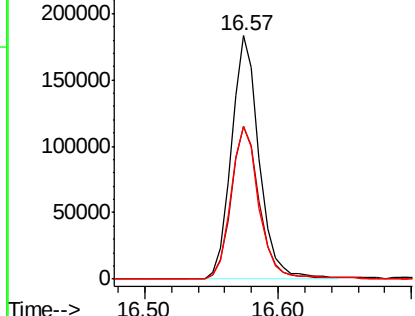
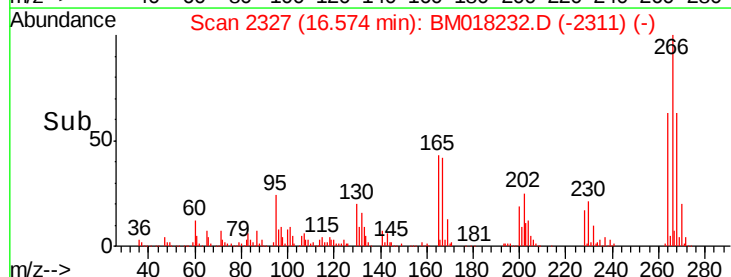


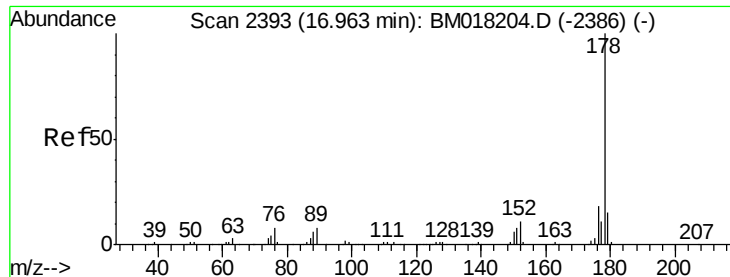
Abundance

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

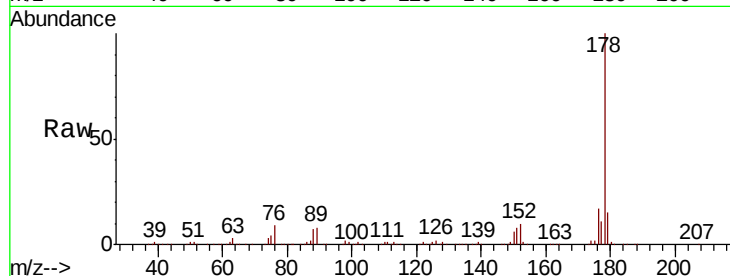




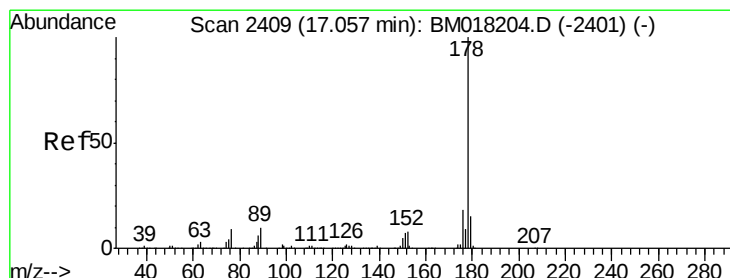
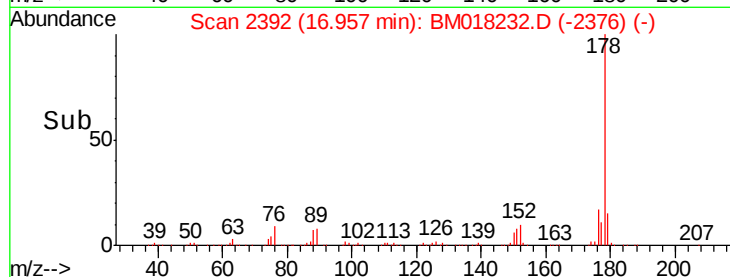
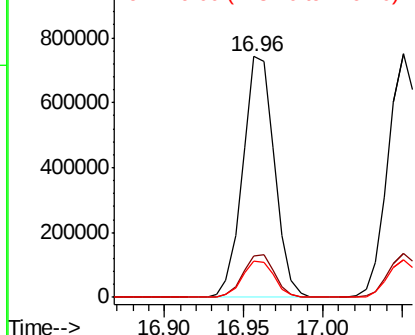
#71
Phenanthrene
Concen: 42.616 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 1028122
Ion Ratio Lower Upper
178 100
176 17.4 14.7 22.1
179 15.2 12.0 18.0

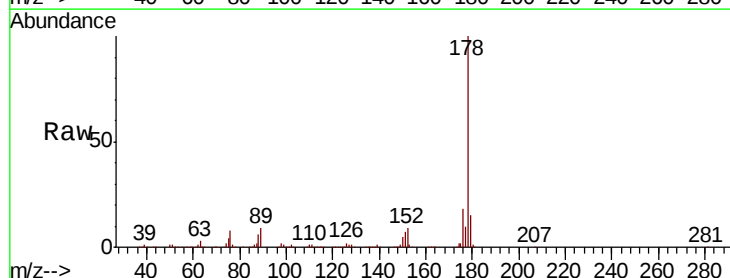


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

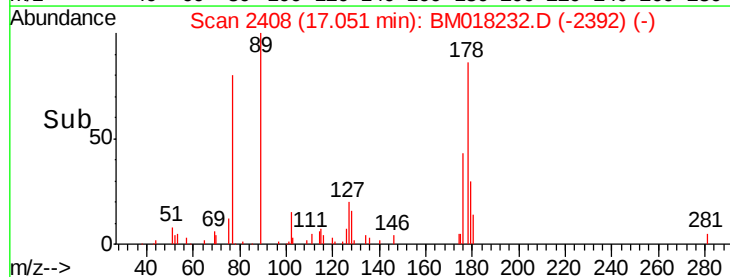
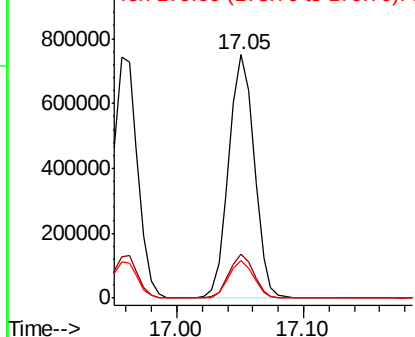


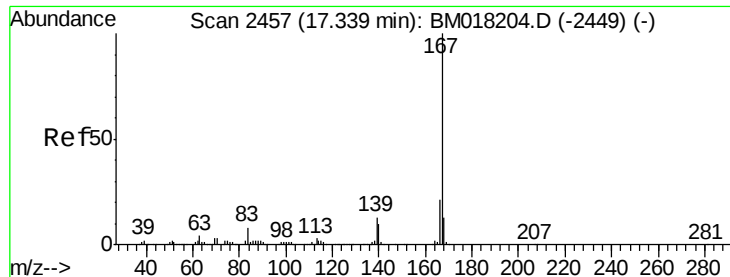
#72
Anthracene
Concen: 43.627 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018232.D
Acq: 16 Dec 2018 18:30

Tgt Ion:178 Resp: 1044153
Ion Ratio Lower Upper
178 100
176 17.8 14.3 21.5
179 15.4 12.0 18.0



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

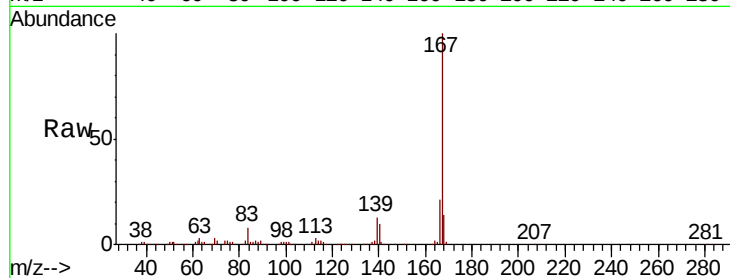




#73
 Carbazole
 Concen: 35.884 ng
 RT: 17.33 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BM018232.D
 Acq: 16 Dec 2018 18:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.8	25.2
139	12.6	10.3	15.5

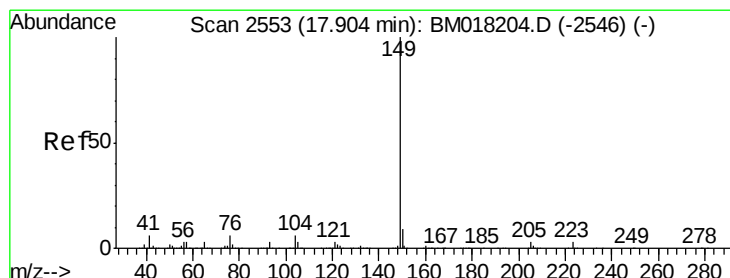
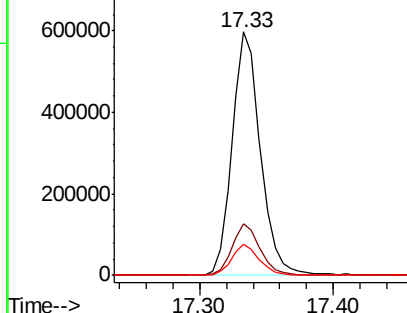
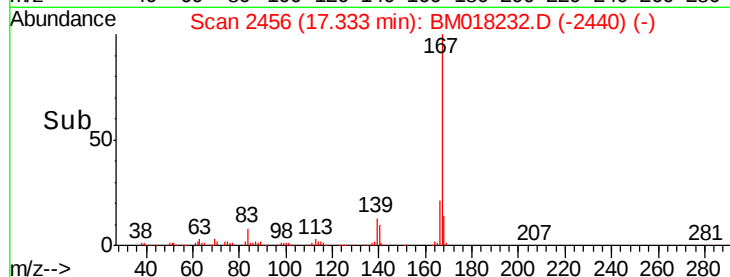


Abundance

Ion 167.00 (166.70 to 167.70): E

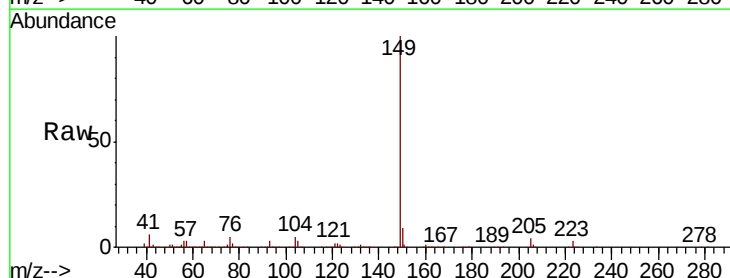
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 36.520 ng
 RT: 17.90 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018232.D
 Acq: 16 Dec 2018 18:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.1	4.8	7.2

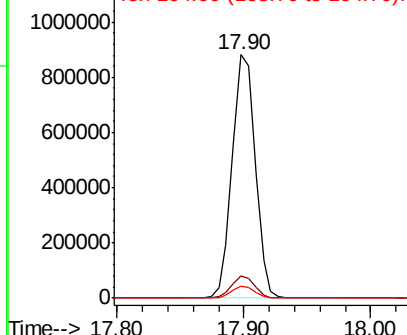
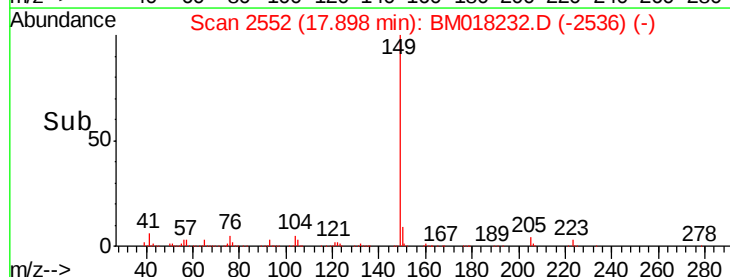


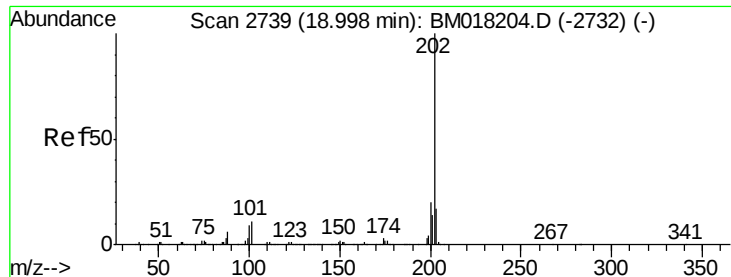
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.566 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

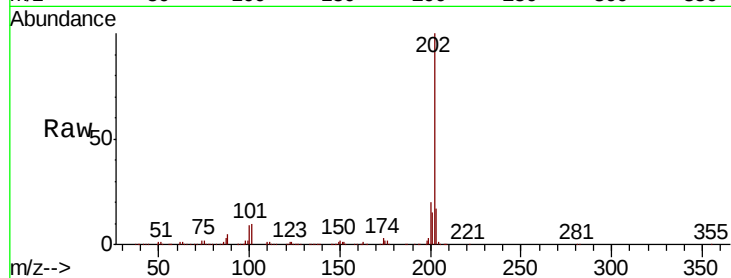
Tot Ion:202 Resp: 1053679

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.5

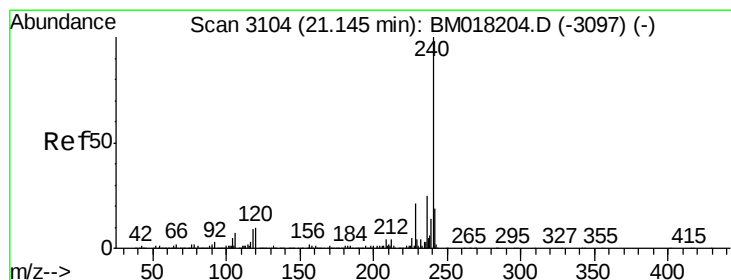
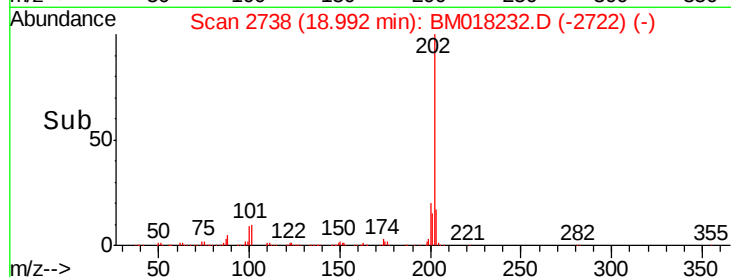
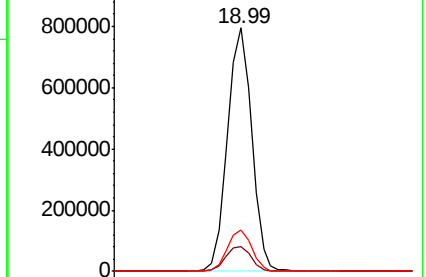
203 17.1 0.0 37.5



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: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

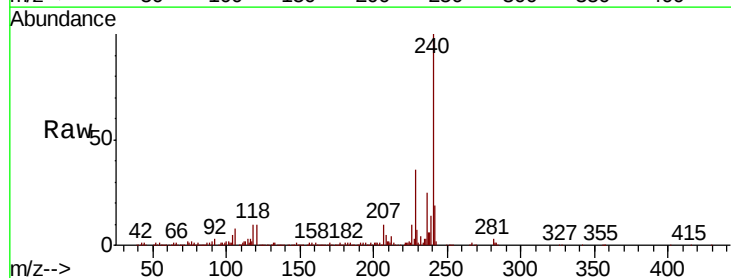
Tgt Ion:240 Resp: 395435

Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.2

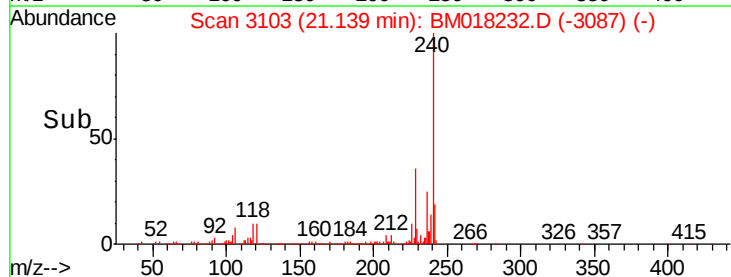
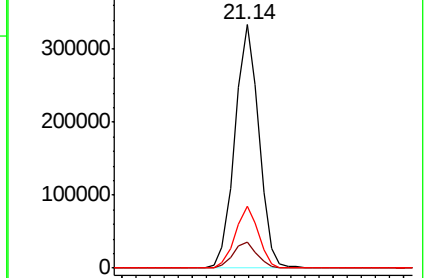
236 25.3 20.3 30.5

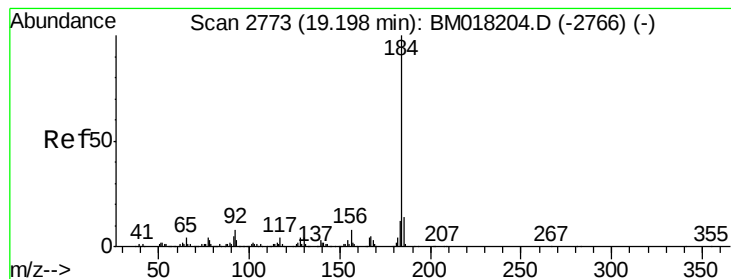


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.716 ng

RT: 19.20 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

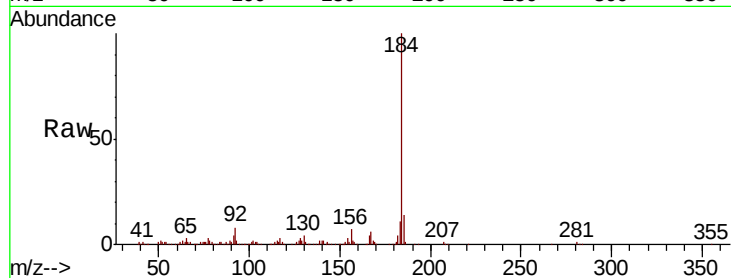
Tot Ion:184 Resp: 478469

Ion Ratio Lower Upper

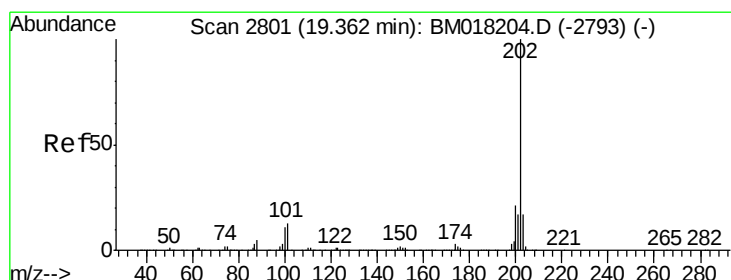
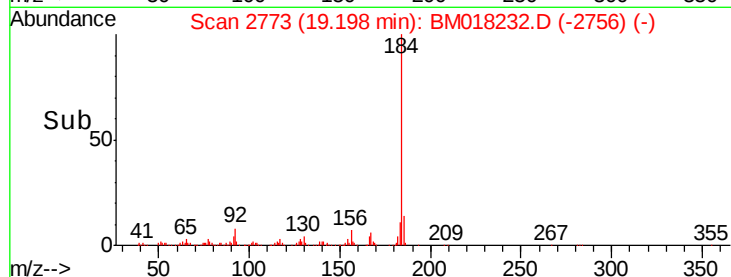
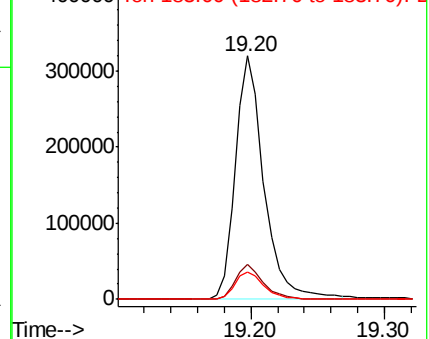
184 100

185 14.2 11.4 17.2

183 11.2 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: 45.220 ng

RT: 19.36 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

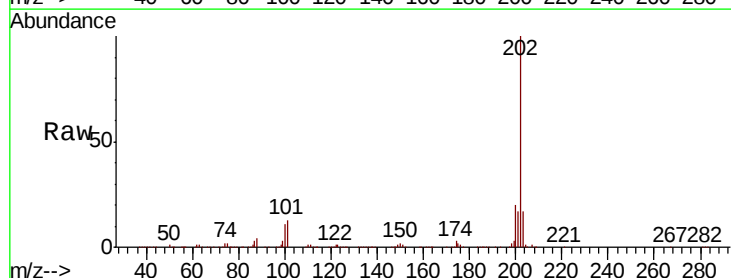
Tgt Ion:202 Resp: 1065474

Ion Ratio Lower Upper

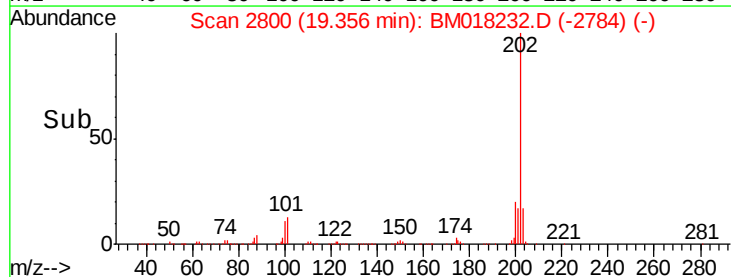
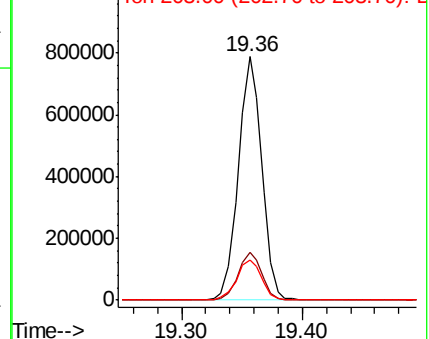
202 100

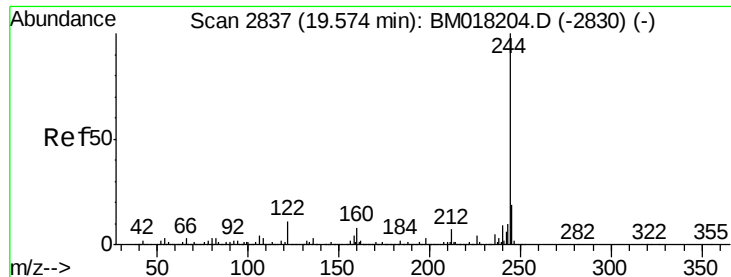
200 19.7 16.5 24.7

203 16.6 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: 72.975 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

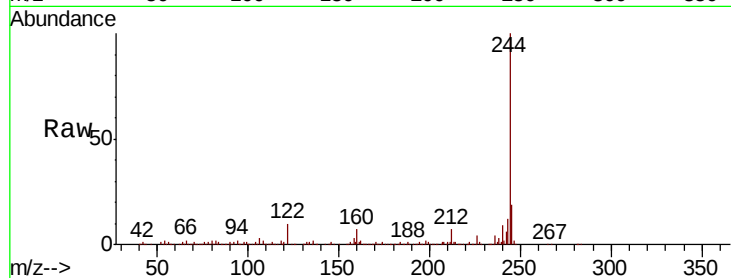
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 1275919

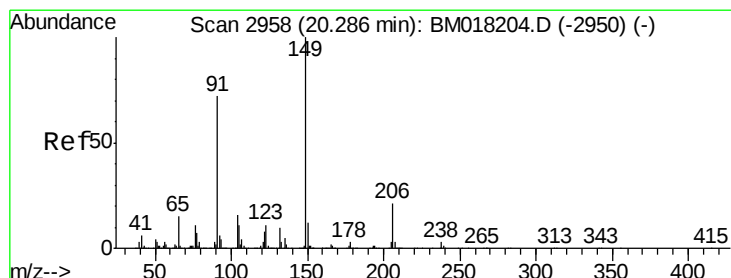
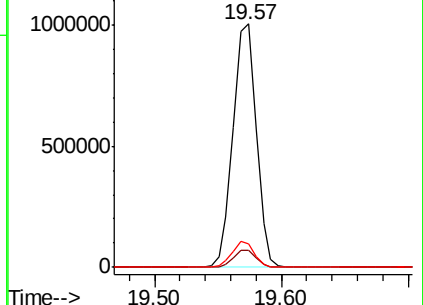
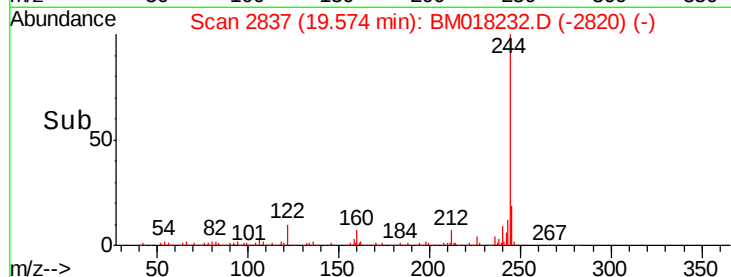
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	9.7	9.0	13.6



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: 39.954 ng

RT: 20.28 min Scan# 2957

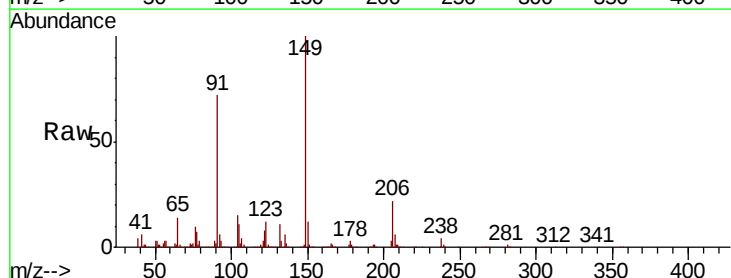
Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Tgt Ion:149 Resp: 447855

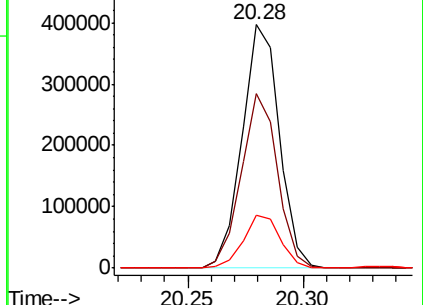
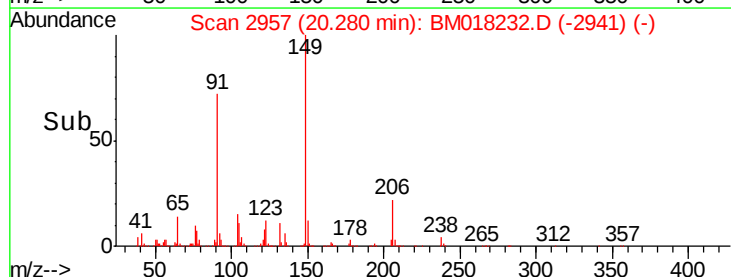
Ion	Ratio	Lower	Upper
149	100		
91	71.6	57.4	86.2
206	21.9	17.0	25.4

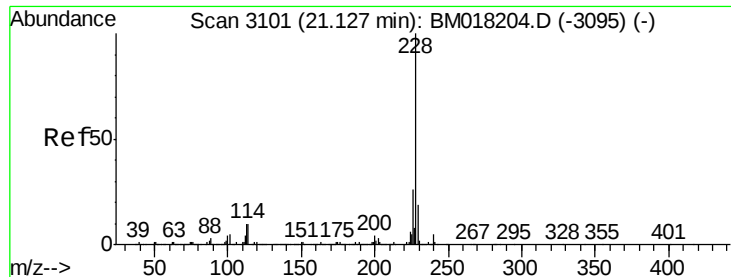


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.813 ng

RT: 21.12 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

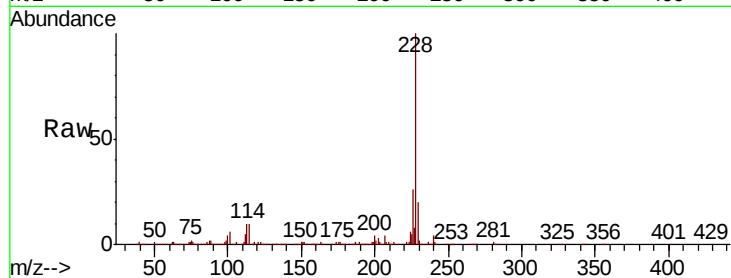
Tot Ion:228 Resp: 988964

Ion Ratio Lower Upper

228 100

226 25.6 21.0 31.4

229 20.3 15.5 23.3

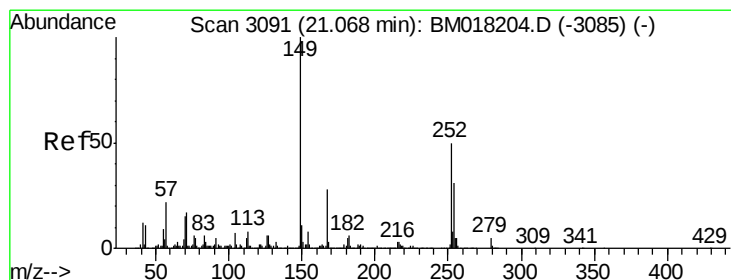
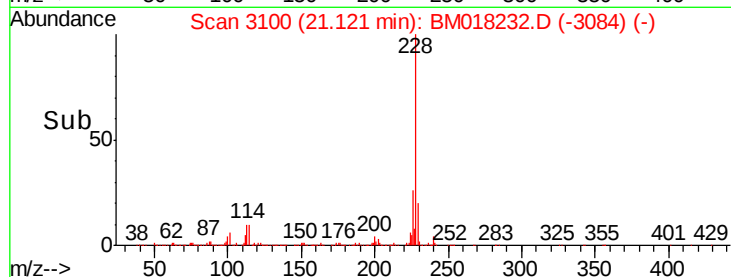
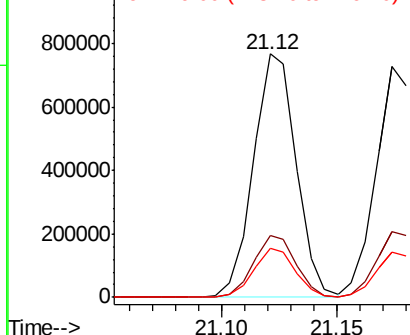


Abundance

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: 20.744 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

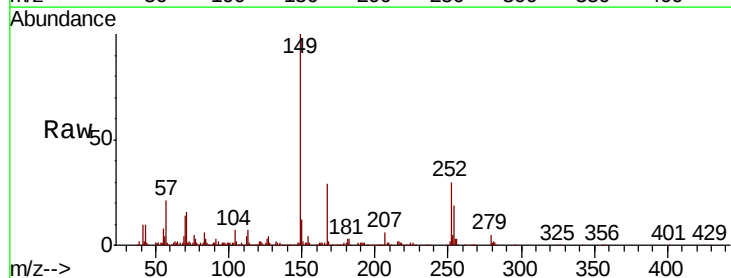
Tgt Ion:252 Resp: 191431

Ion Ratio Lower Upper

252 100

254 64.2 50.4 75.6

126 11.0 9.4 14.0

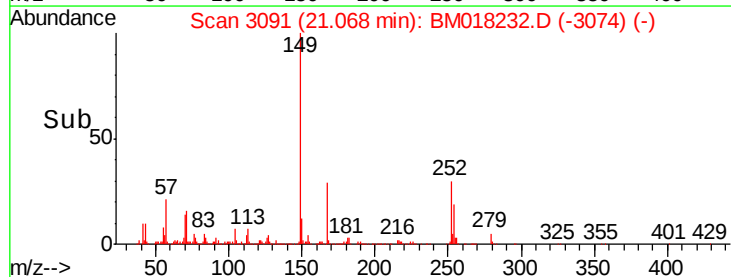
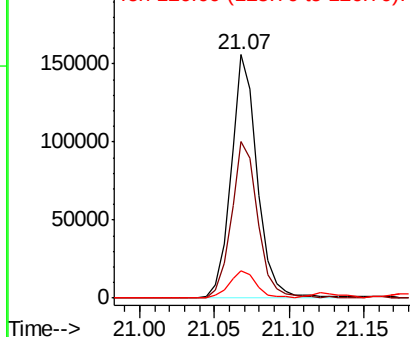


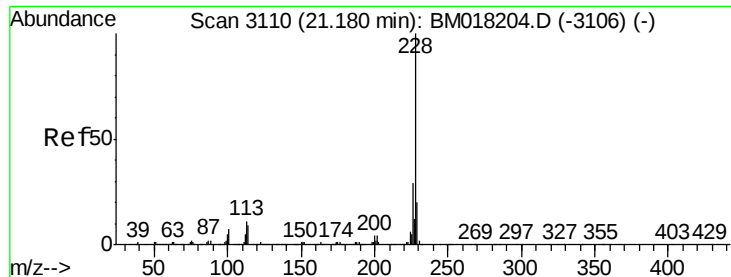
Abundance

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: 41.622 ng

RT: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

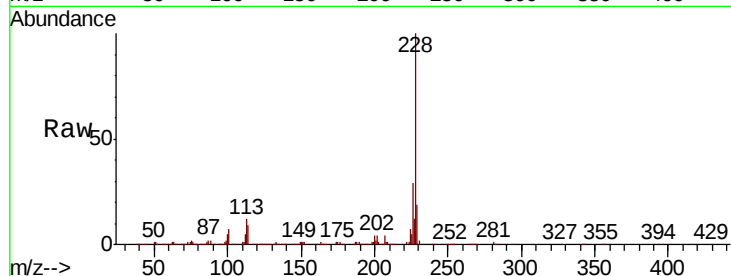
Tot Ion:228 Resp: 924764

Ion Ratio Lower Upper

228 100

226 28.5 23.1 34.7

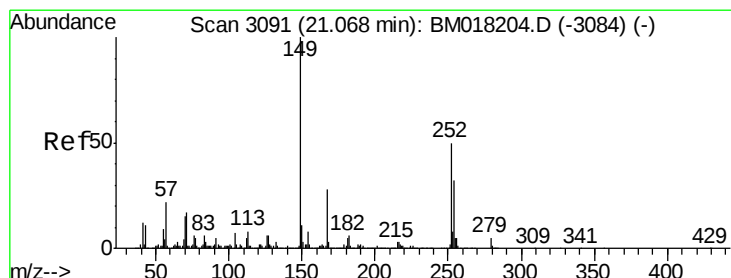
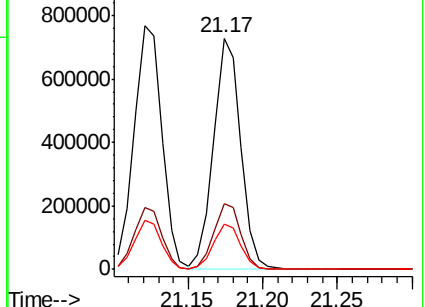
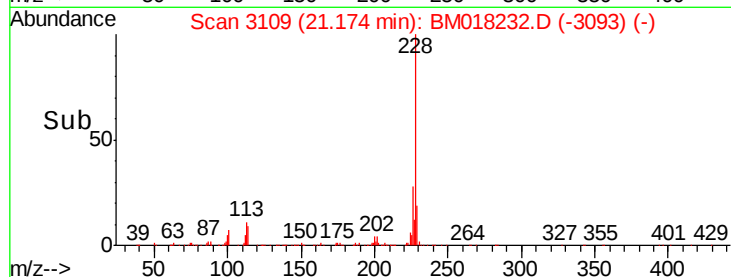
229 19.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.695 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

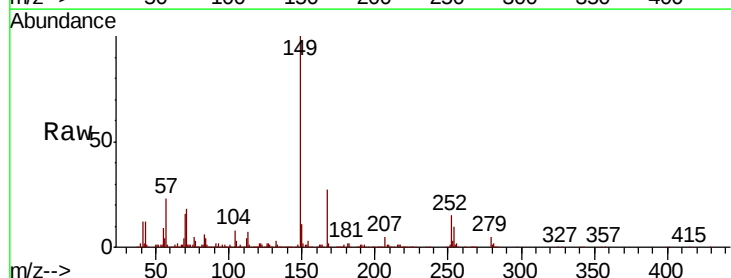
Tgt Ion:149 Resp: 663136

Ion Ratio Lower Upper

149 100

167 27.1 22.7 34.1

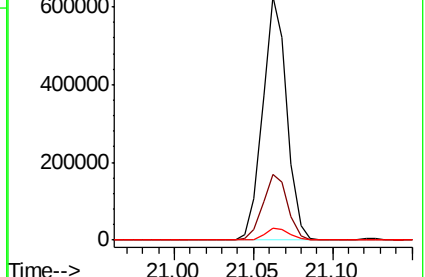
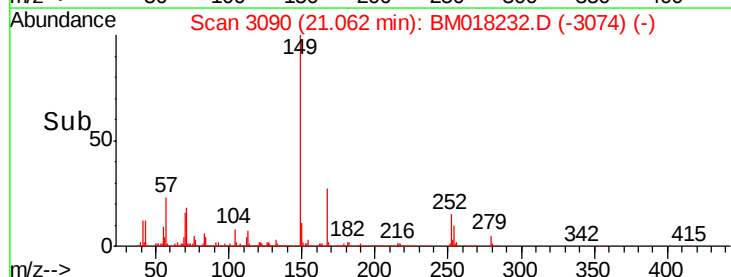
279 4.8 3.9 5.9

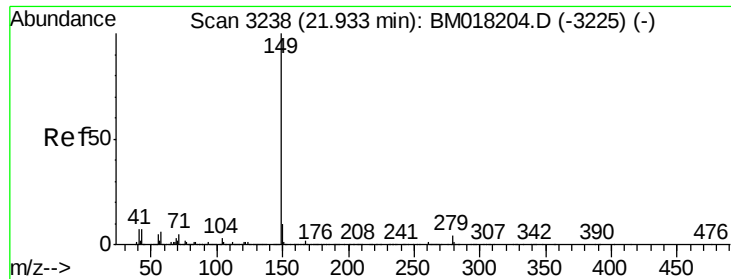


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.467 ng

RT: 21.93 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

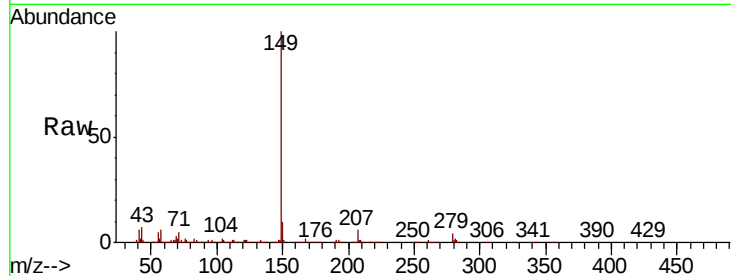
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 1107147

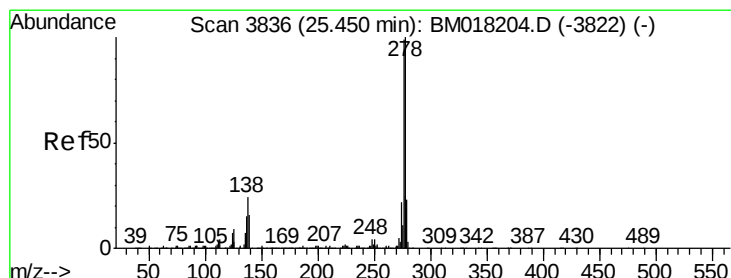
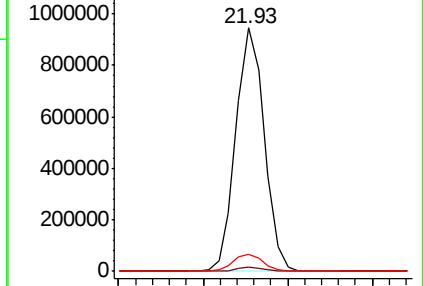
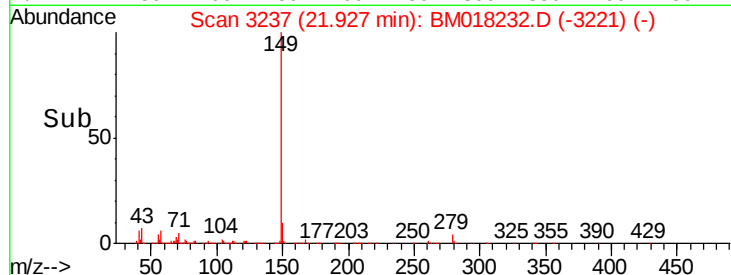
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	7.2	6.2	9.4



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 63.563 ng

RT: 25.44 min Scan# 3834

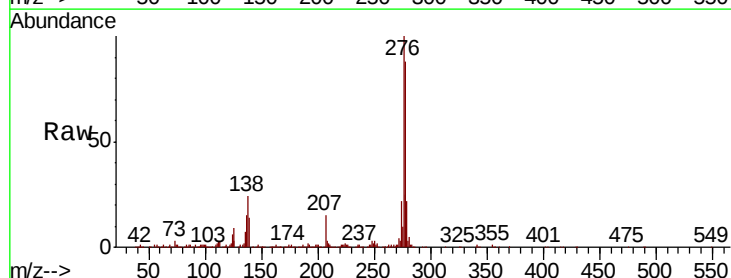
Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Tgt Ion:276 Resp: 1406782

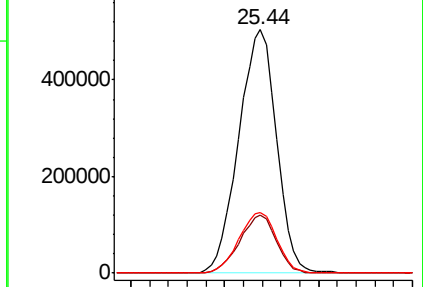
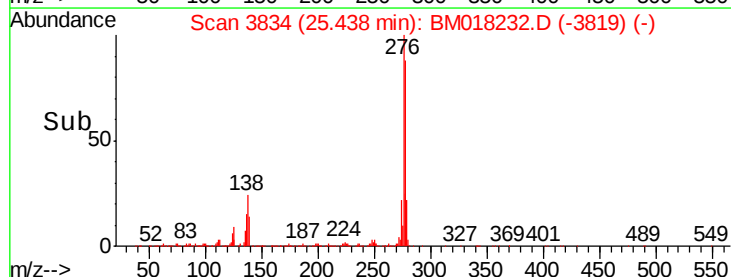
Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.6	28.0
277	25.1	20.3	30.5

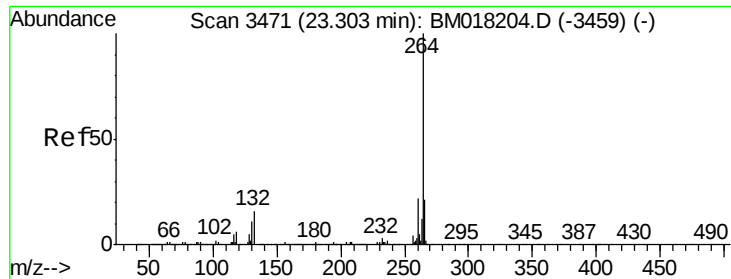


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.30 min Scan# 3471

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

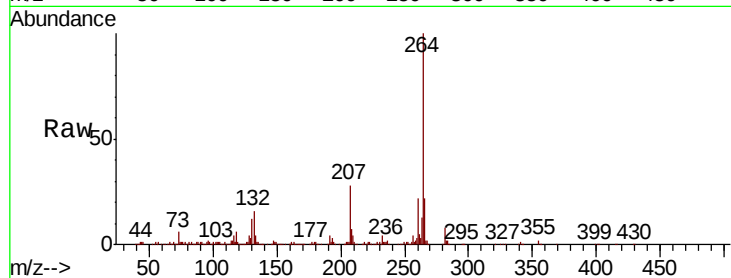
Tot Ion:264 Resp: 449025

Ion Ratio Lower Upper

264 100

260 22.3 17.5 26.3

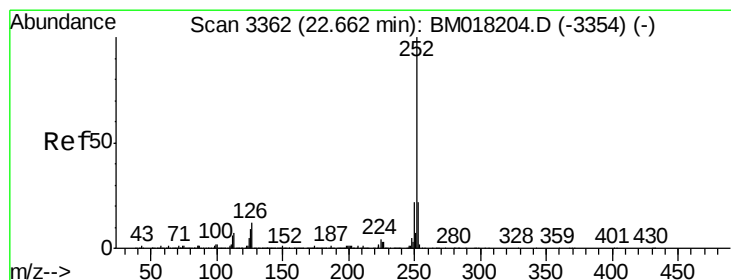
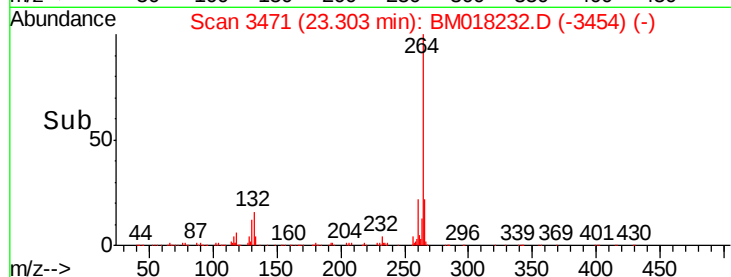
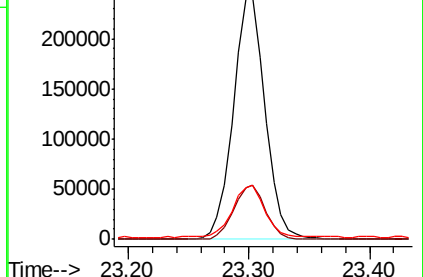
265 22.4 17.3 25.9



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: 42.199 ng

RT: 22.66 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

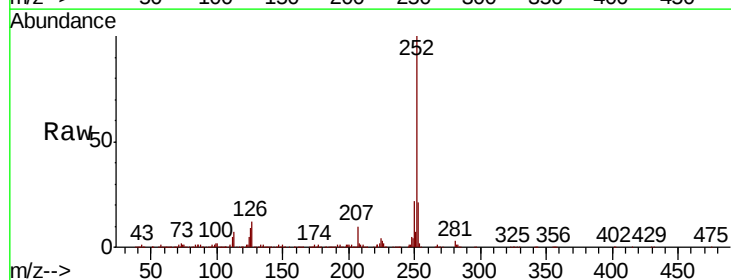
Tgt Ion:252 Resp: 1064376

Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

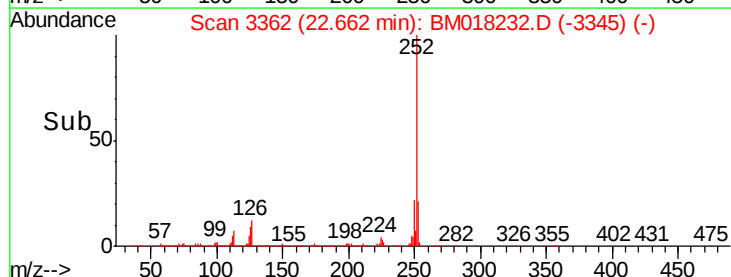
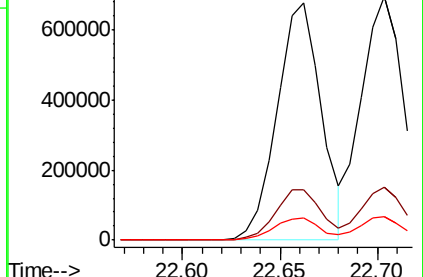
125 9.4 7.4 11.0

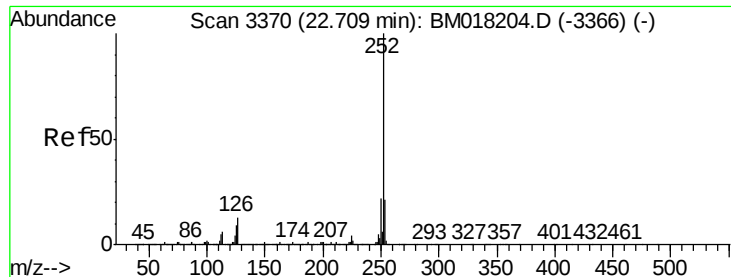


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.967 ng

RT: 22.70 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Instrument :

BNA_M

ClientSampleId :

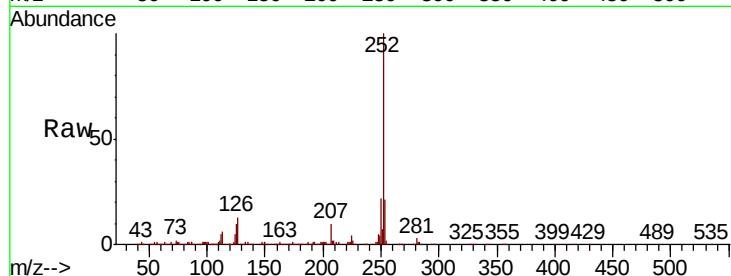
Tot Ion:252 Resp: 1054181

Ion Ratio Lower Upper

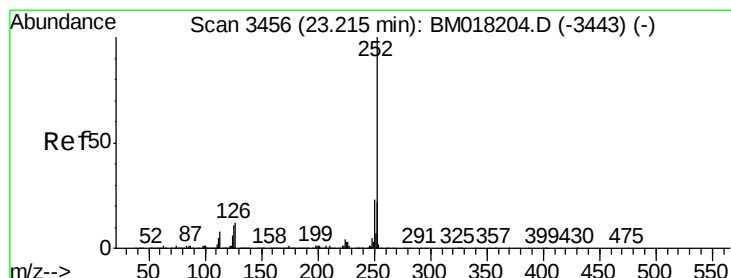
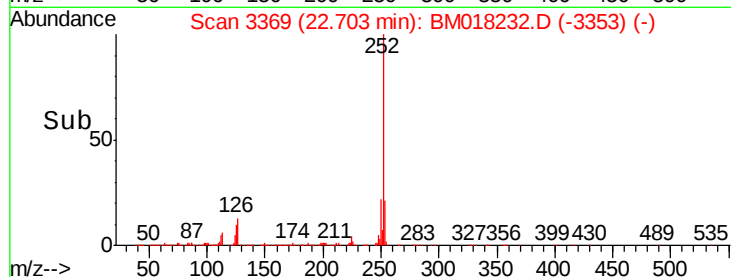
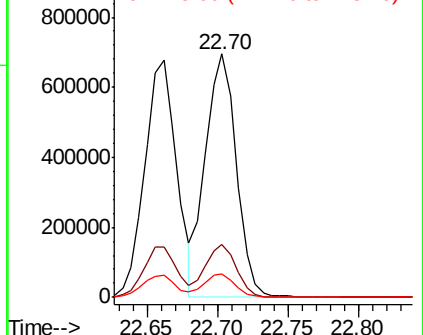
252 100

253 21.5 16.9 25.3

125 9.5 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: 43.068 ng

RT: 23.21 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

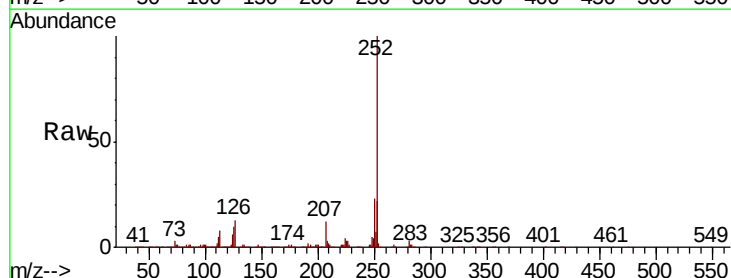
Tgt Ion:252 Resp: 1033162

Ion Ratio Lower Upper

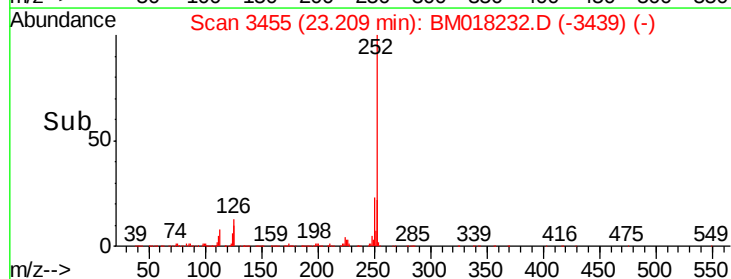
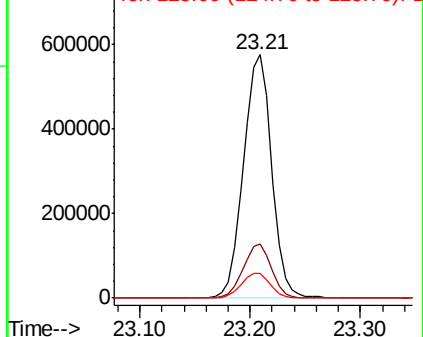
252 100

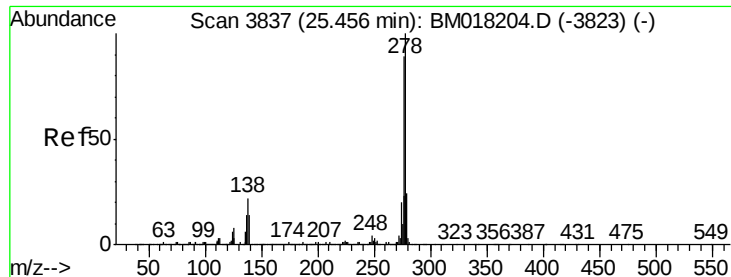
253 22.2 17.6 26.4

125 10.4 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: 53.367 ng

RT: 25.44 min Scan# 3835

Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

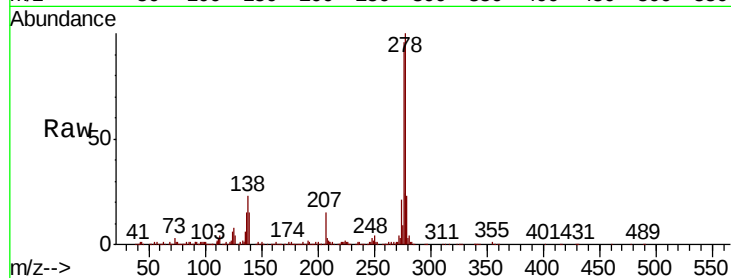
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 1185907

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.6	17.4
279	23.0	19.2	28.8

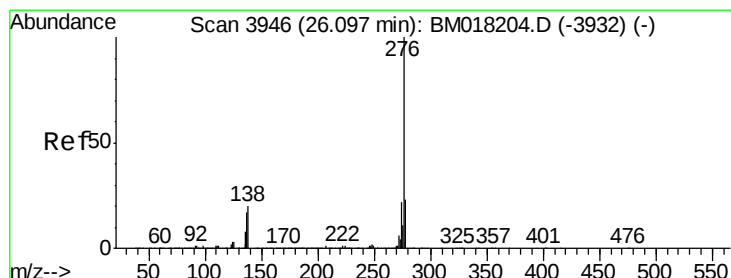
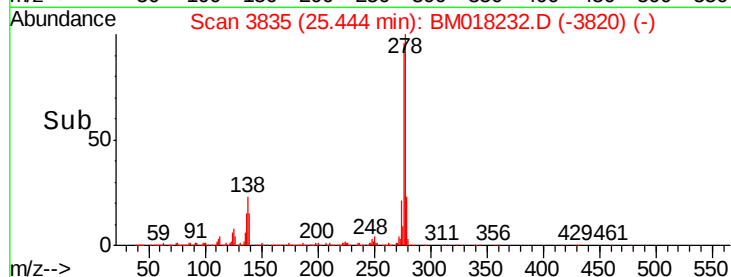
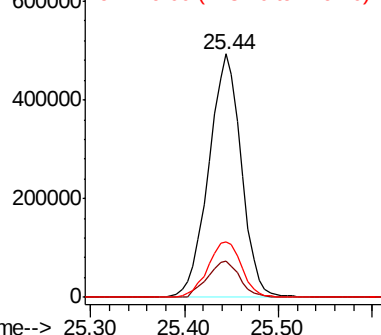


Abundance

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: 57.661 ng

RT: 26.09 min Scan# 3944

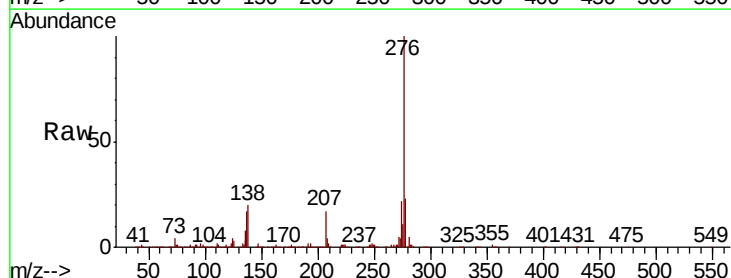
Delta R.T. -0.01 min

Lab File: BM018232.D

Acq: 16 Dec 2018 18:30

Tgt Ion:276 Resp: 1211210

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	19.9	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

