

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
 Data File : BM018419.D
 Acq On : 28 Dec 2018 05:27
 Operator : JU/SJ
 Sample : J6574-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

Quant Time: Dec 28 07:58:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	426055	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1986063	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1200352	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	2744026	20.00	ng	0.00
76) Chrysene-d12	21.37	240	3038905	20.00	ng	0.00
87) Perylene-d12	23.66	264	3092986	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	453724	20.08	ng	0.00
7) Phenol-d6	6.95	99	459273	14.64	ng	0.00
23) Nitrobenzene-d5	8.95	82	1057819	30.57	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	872667	57.22	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	3063083	34.56	ng	0.00
79) Terphenyl-d14	19.81	244	8127396	56.99	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.70	79	217084	8.552	ng	99
4) n-Nitrosodimethylamine	3.62	42	102292	9.883	ng	# 86
8) 2-Chlorophenol	7.35	128	403280	14.798	ng	97
10) Phenol	6.97	94	241102	7.469	ng	98
11) bis(2-Chloroethyl)ether	7.22	93	340946	13.549	ng	96
12) 1,3-Dichlorobenzene	7.67	146	436060	13.622	ng	98
13) 1,4-Dichlorobenzene	7.82	146	446373	13.725	ng	98
14) 1,2-Dichlorobenzene	8.13	146	438377	13.737	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.32	45	361957	9.033	ng	96
17) 2-Methylphenol	8.22	107	335247	14.659	ng	98
18) Hexachloroethane	8.85	117	153068	13.186	ng	99
19) n-Nitroso-di-n-propylamine	8.59	70	344516	14.412	ng	97
20) 3+4-Methylphenols	8.54	107	486276	15.849	ng	92
24) Nitrobenzene	8.99	77	481656	14.065	ng	99
25) Isophorone	9.50	82	880592	14.671	ng	99
26) 2-Nitrophenol	9.69	139	208223	19.708	ng	98
27) 2,4-Dimethylphenol	9.75	122	444452	17.877	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	479134	12.718	ng	98
29) 2,4-Dichlorophenol	10.22	162	479788	17.448	ng	100
30) 1,2,4-Trichlorobenzene	10.43	180	464139	13.779	ng	97
31) Naphthalene	10.63	128	1412804	14.759	ng	98
32) Benzoic acid	9.82	122	73630	9.490	ng	95
34) Hexachlorobutadiene	10.90	225	268245	13.115	ng	98
36) 4-Chloro-3-methylphenol	11.86	107	691592	22.188	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	558648	14.866	ng	98
41) Hexachlorocyclopentadiene	12.58	237	252769	13.872	ng	99
43) 2,4,6-Trichlorophenol	12.85	196	477578	22.373	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	634617	27.206	ng	98
47) 2-Chloronaphthalene	13.30	162	1197249	15.239	ng	99
49) Acenaphthylene	14.15	152	2125281	17.571	ng	99
50) Dimethylphthalate	13.89	163	2144307	21.382	ng	99
51) 2,6-Dinitrotoluene	14.02	165	455363	21.635	ng	92
52) Acenaphthene	14.49	154	1289514	17.667	ng	97
54) 2,4-Dinitrophenol	14.54	184	149883	31.343	ng	93

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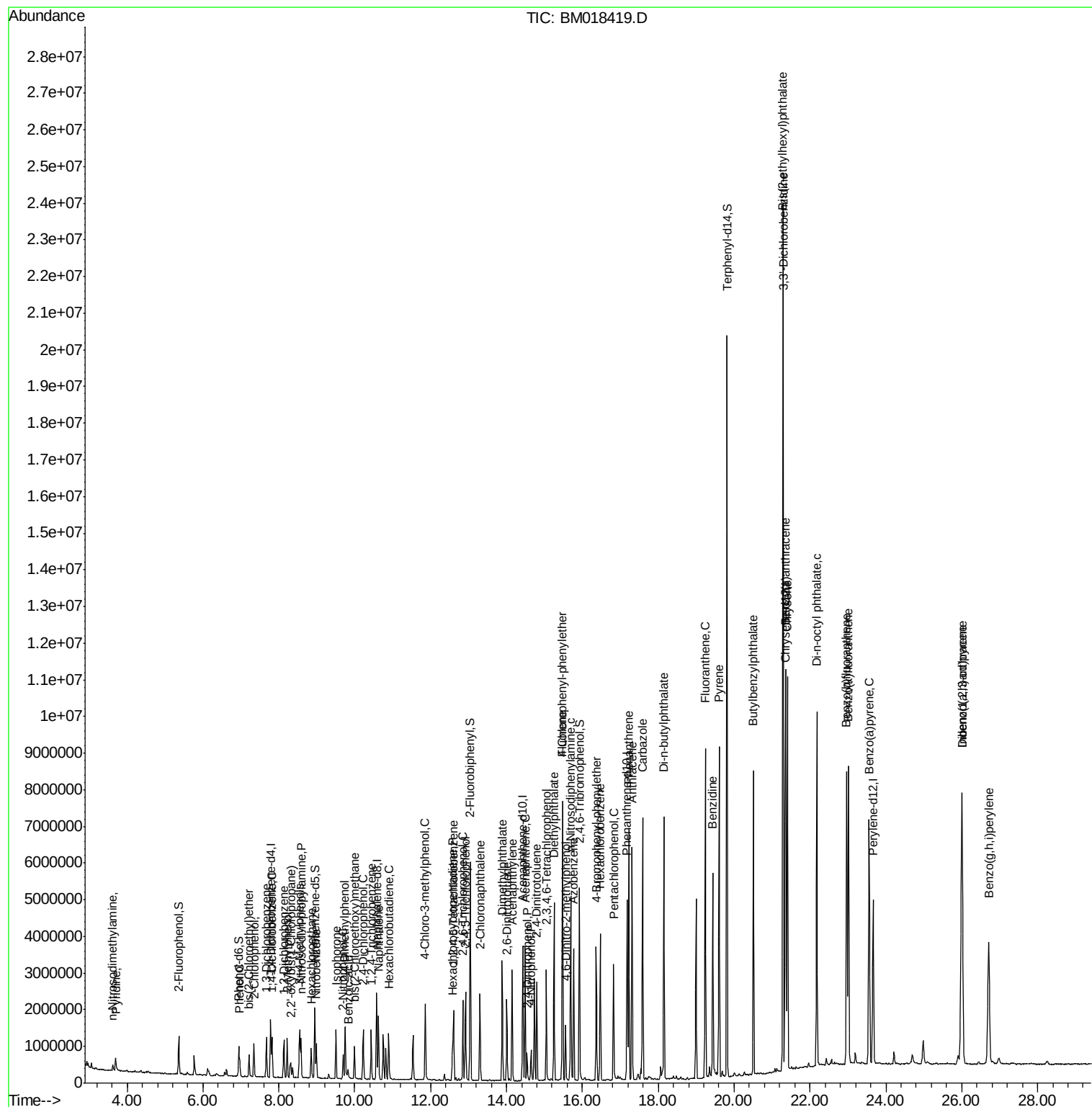
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 4-Nitrophenol	14.64	139	216466	15.638	ng	97
57) 2,4-Dinitrotoluene	14.80	165	767241	26.942	ng	99
58) Fluorene	15.48	166	1988071	21.371	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	560114	26.001	ng	99
60) Diethylphthalate	15.26	149	2536877	24.186	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	960313	18.789	ng	98
63) Azobenzene	15.77	77	1881383	19.679	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	301720	30.920	ng	93
66) n-Nitrosodiphenylamine	15.69	169	1886243	22.056	ng	99
67) 4-Bromophenyl-phenylether	16.37	248	670641	22.443	ng	98
68) Hexachlorobenzene	16.47	284	804942	23.780	ng	98
70) Pentachlorophenol	16.82	266	504779	25.575	ng	98
71) Phenanthrene	17.22	178	3858055	26.560	ng	100
72) Anthracene	17.32	178	4012866	27.732	ng	100
73) Carbazole	17.59	167	4194229	27.599	ng	100
74) Di-n-butylphthalate	18.14	149	5179066	29.985	ng	99
75) Fluoranthene	19.24	202	5043168	29.316	ng	100
77) Benzidine	19.43	184	3156410	36.337	ng	99
78) Pyrene	19.60	202	5325900	30.193	ng	100
80) Butylbenzylphthalate	20.51	149	2500434	33.573	ng	96
81) Benzo(a)anthracene	21.35	228	5335186	29.891	ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	5991303	87.371	ng	99
83) Chrysene	21.41	228	5104041	29.640	ng	99
84) Bis(2-ethylhexyl)phthalate	21.28	149	4608691	38.757	ng	100
85) Di-n-octyl phthalate	22.18	149	6473693	32.936	ng	97
86) Indeno(1,2,3-cd)pyrene	26.00	276	5436265	25.504	ng	99
88) Benzo(b)fluoranthene	22.97	252	5477031	31.748	ng	100
89) Benzo(k)fluoranthene	23.01	252	5307183	30.758	ng	99
90) Benzo(a)pyrene	23.56	252	4949633	29.867	ng	99
91) Dibenzo(a,h)anthracene	26.01	278	4696825	27.215	ng	100
92) Benzo(g,h,i)perylene	26.71	276	4142870	25.070	ng	99

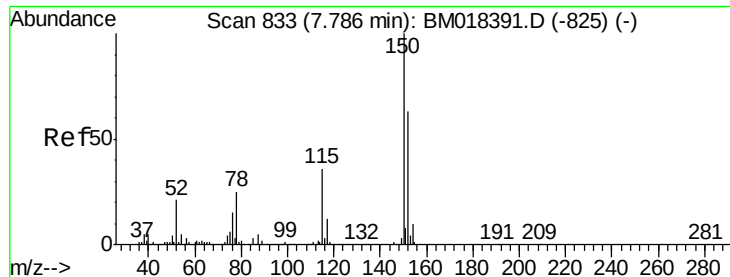
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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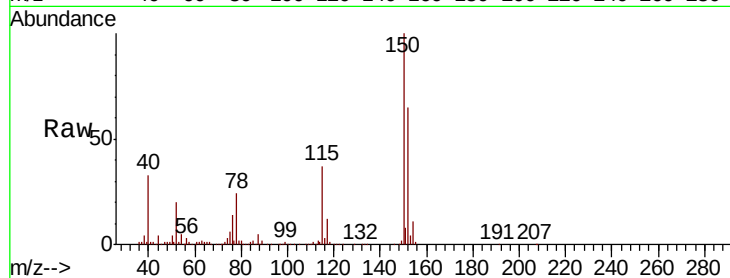


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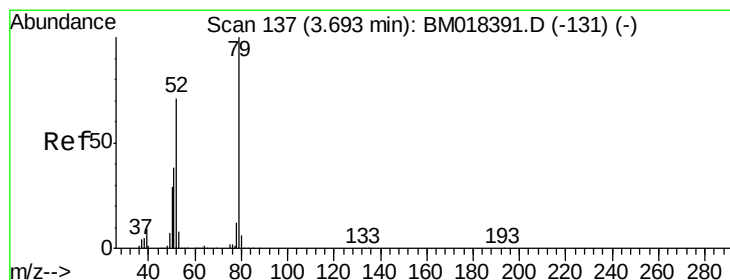
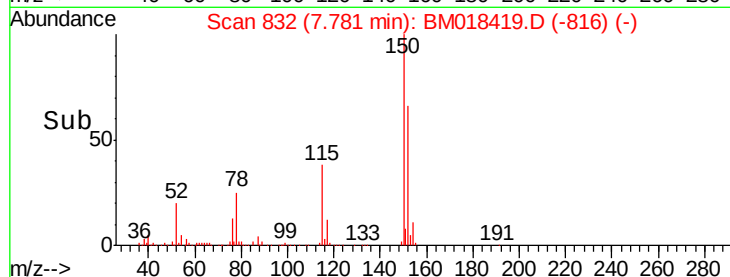
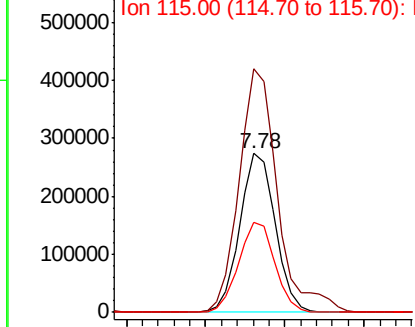
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Instrument :
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381211744-2MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.9	190.3
115	57.0	45.5	68.3



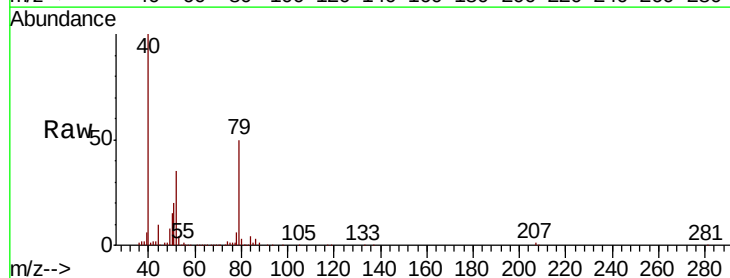
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



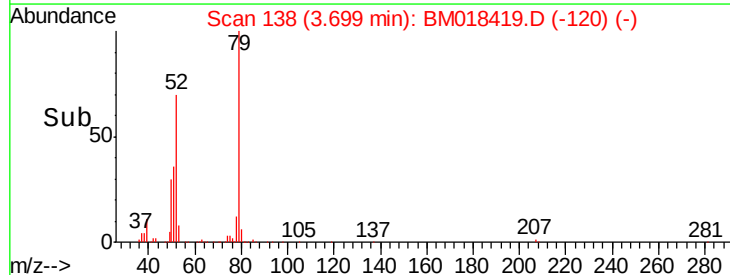
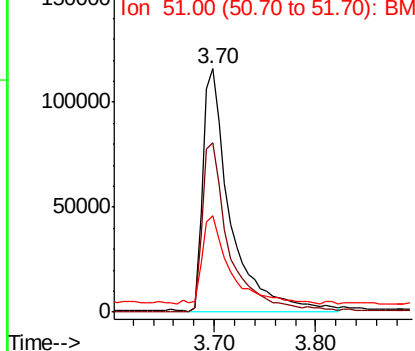
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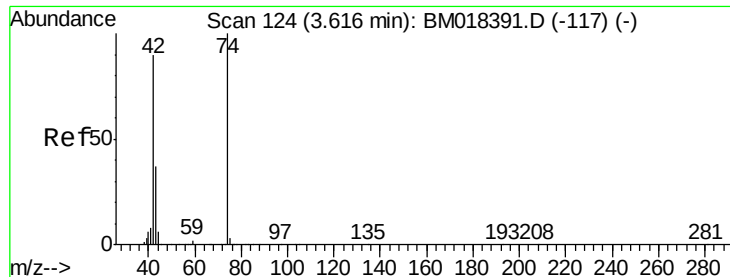
Pyridine
Concen: 8.552 ng
RT: 3.70 min Scan# 138
Delta R.T. 0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion	Ratio	Lower	Upper
79	100		
52	69.6	56.4	84.6
51	39.7	31.0	46.4



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0



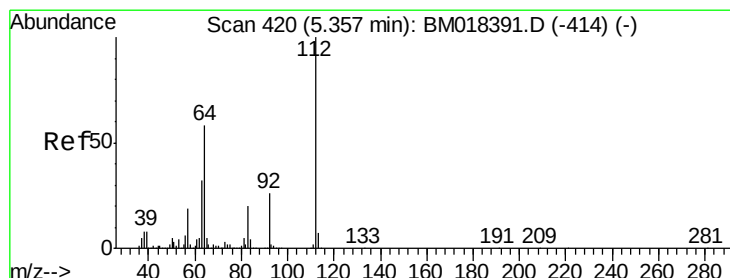
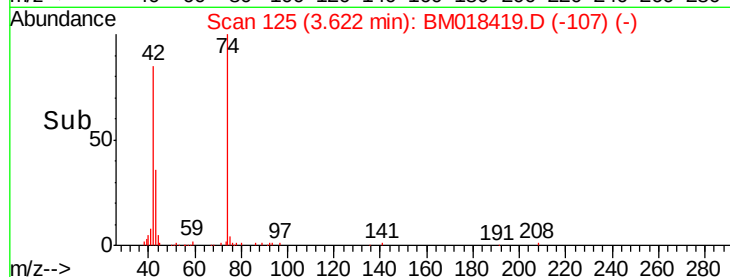
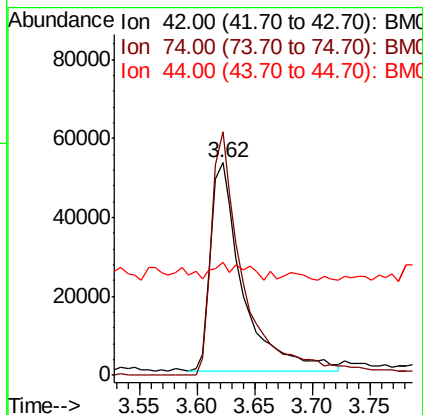
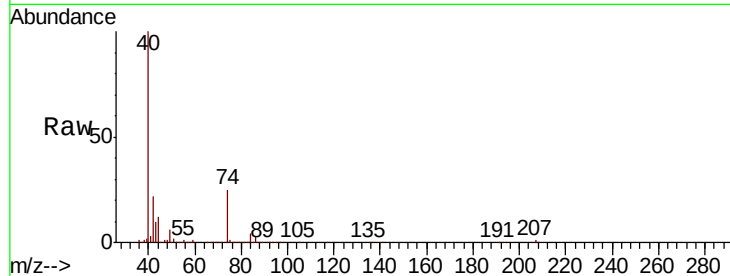


#4

n-Nitrosodimethylamine
 Concen: 9.883 ng
 RT: 3.62 min Scan# 125
 Delta R.T. 0.01 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

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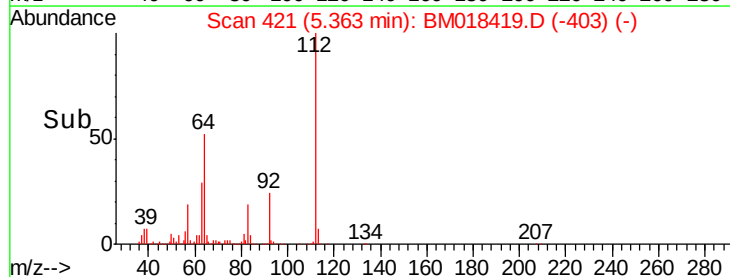
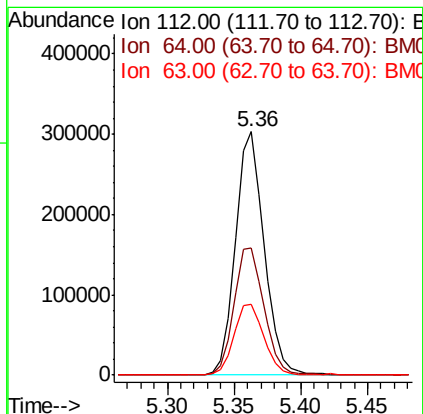
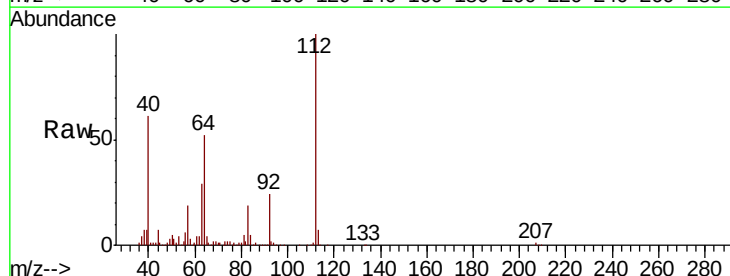
Tgt Ion: 42 Resp: 102292
 Ion Ratio Lower Upper
 42 100
 74 114.6 88.6 132.8
 44 52.9 16.9 25.3#

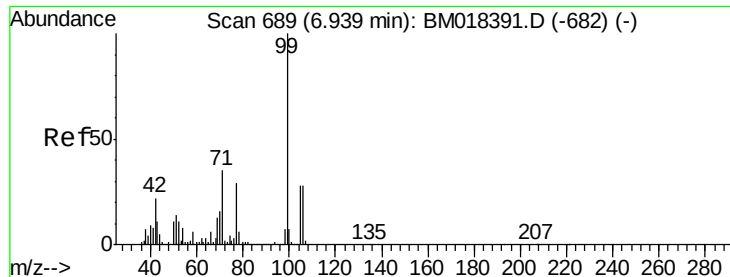


#5

2-Fluorophenol
 Concen: 20.078 ng
 RT: 5.36 min Scan# 421
 Delta R.T. 0.01 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Tgt Ion: 112 Resp: 453724
 Ion Ratio Lower Upper
 112 100
 64 52.2 46.5 69.7
 63 29.2 25.2 37.8





#7

Phenol-d6

Concen: 14.636 ng

RT: 6.95 min Scan# 690

Delta R.T. 0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

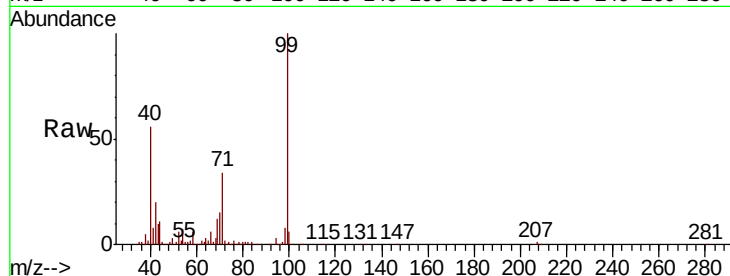
Tgt Ion: 99 Resp: 459273

Ion Ratio Lower Upper

99 100

42 19.8 17.3 25.9

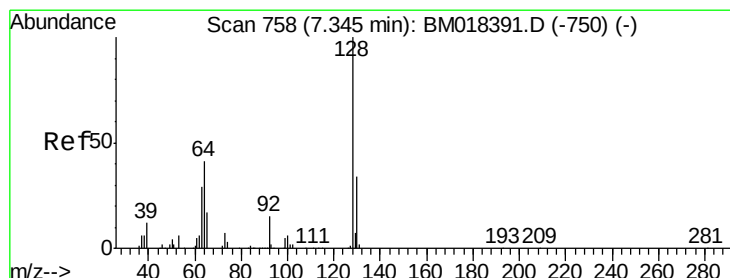
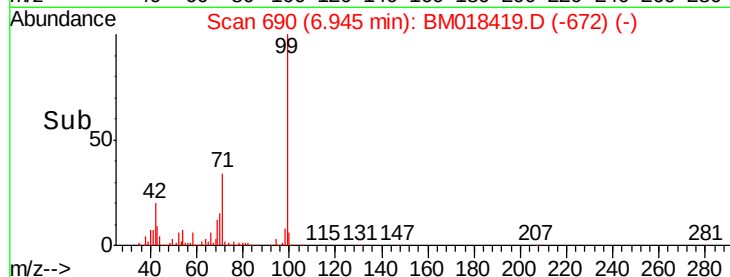
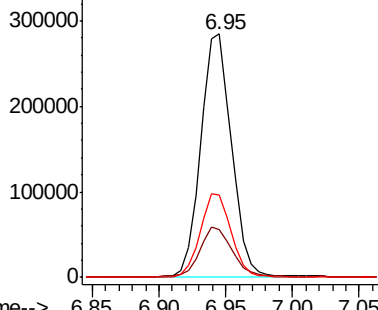
71 33.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018419.D (-692) (-)

Ion 42.00 (41.70 to 42.70): BM018419.D (-692) (-)

Ion 71.00 (70.70 to 71.70): BM018419.D (-692) (-)



#8

2-Chlorophenol

Concen: 14.798 ng

RT: 7.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

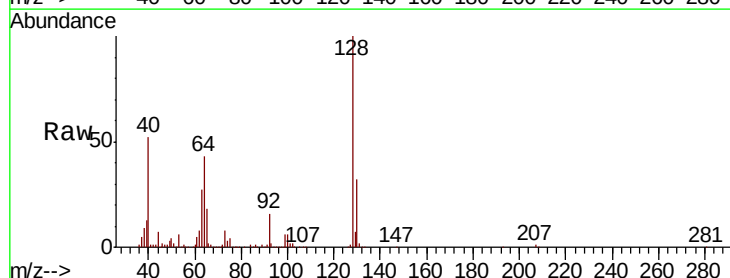
Tgt Ion: 128 Resp: 403280

Ion Ratio Lower Upper

128 100

130 32.1 13.6 53.6

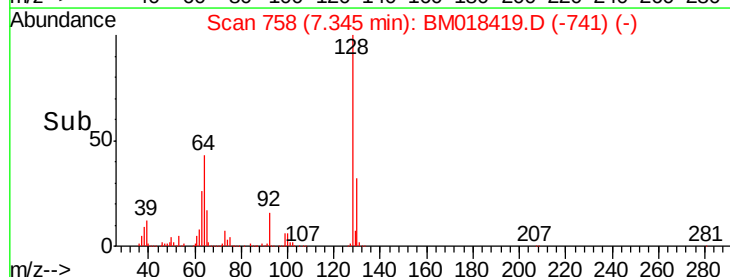
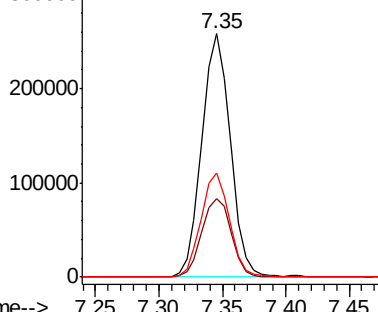
64 42.7 24.8 64.8

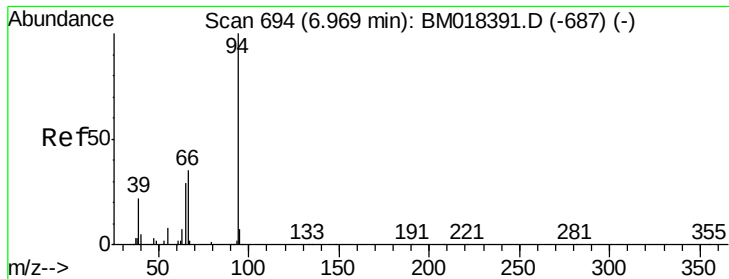


Abundance Ion 128.00 (127.70 to 128.70): BM018419.D (-741) (-)

Ion 130.00 (129.70 to 130.70): BM018419.D (-741) (-)

Ion 64.00 (63.70 to 64.70): BM018419.D (-741) (-)





#10

Phenol

Concen: 7.469 ng

RT: 6.97 min Scan# 694

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

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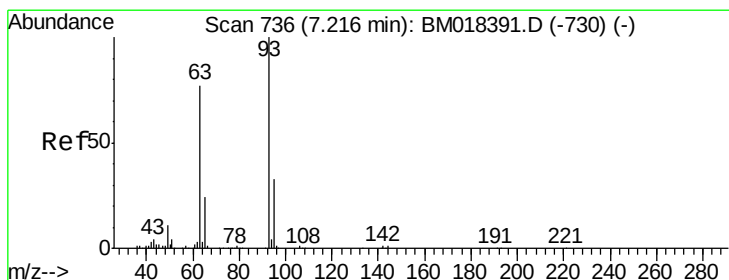
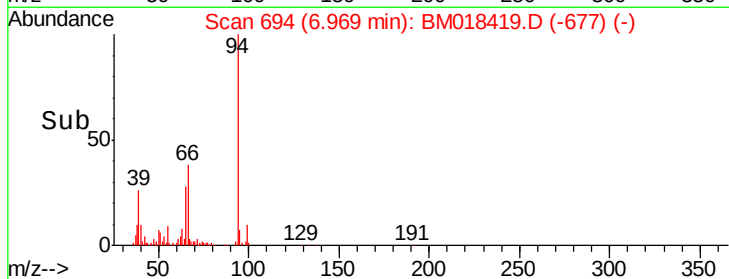
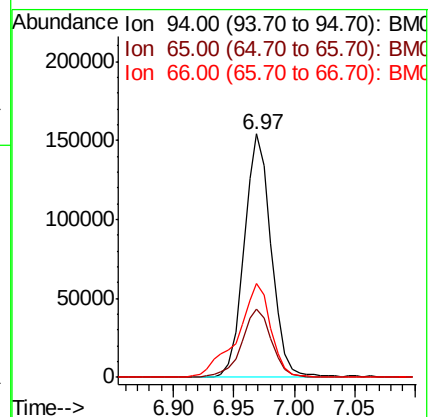
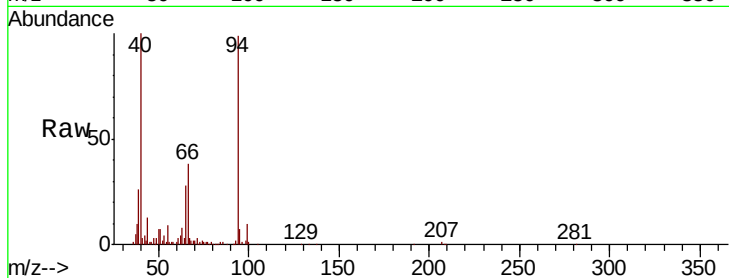
Tgt Ion: 94 Resp: 241102

Ion Ratio Lower Upper

94 100

65 28.2 9.4 49.4

66 38.3 19.1 59.1



#11

bis(2-Chloroethyl)ether

Concen: 13.549 ng

RT: 7.22 min Scan# 736

Delta R.T. 0.00 min

Lab File: BM018419.D

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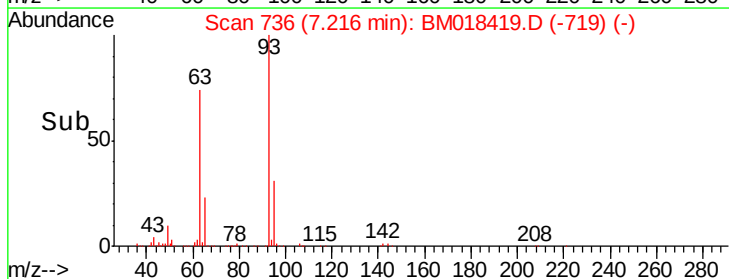
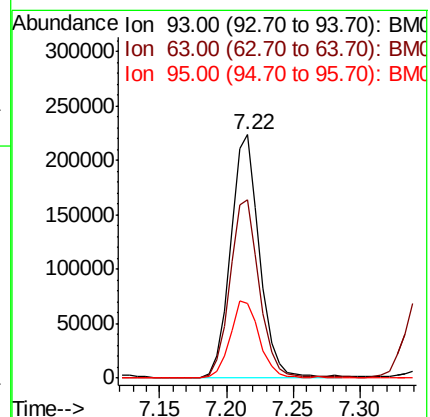
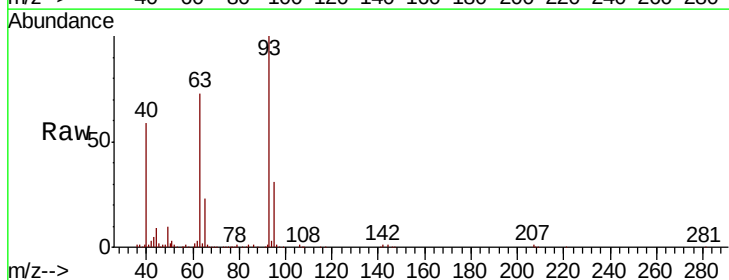
Tgt Ion: 93 Resp: 340946

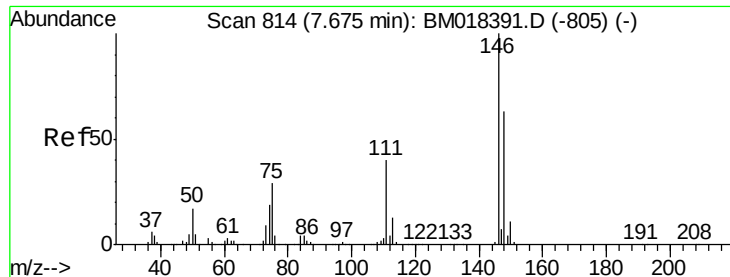
Ion Ratio Lower Upper

93 100

63 73.0 56.4 96.4

95 30.6 12.7 52.7

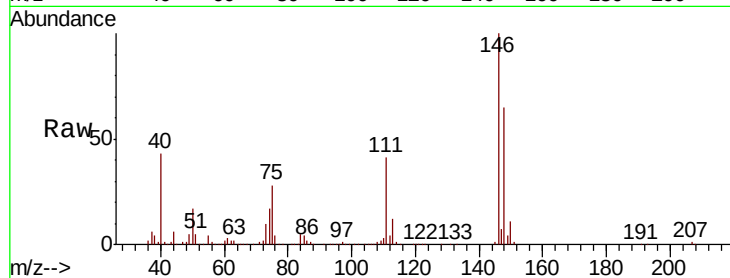




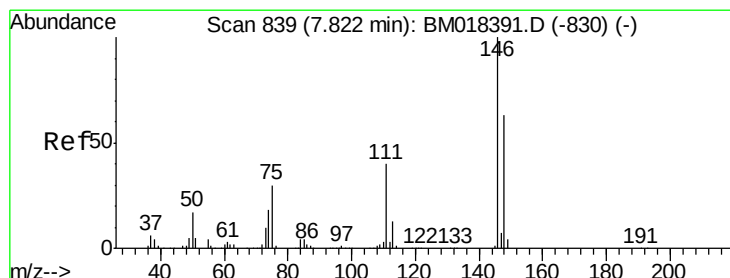
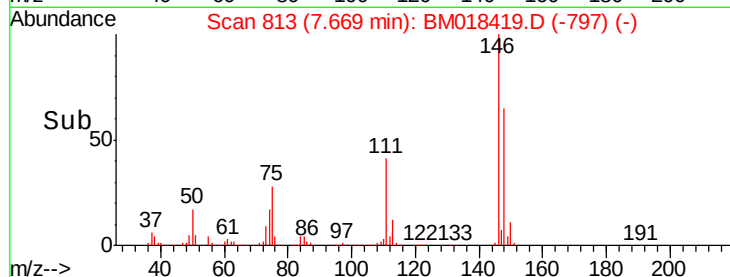
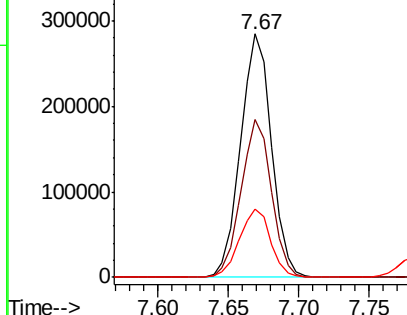
#12
 1,3-Dichlorobenzene
 Concen: 13.622 ng
 RT: 7.67 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Instrument :
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Tgt Ion:146 Resp: 436060
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.5 75.7
 75 28.3 23.0 34.6

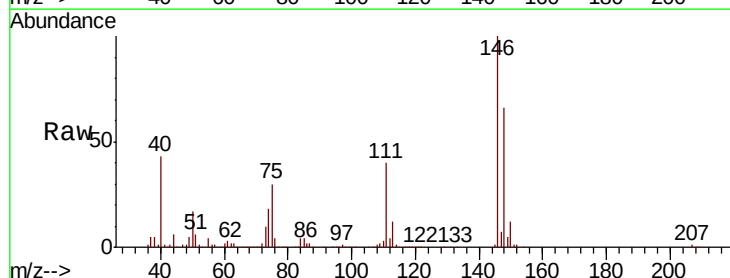


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BM

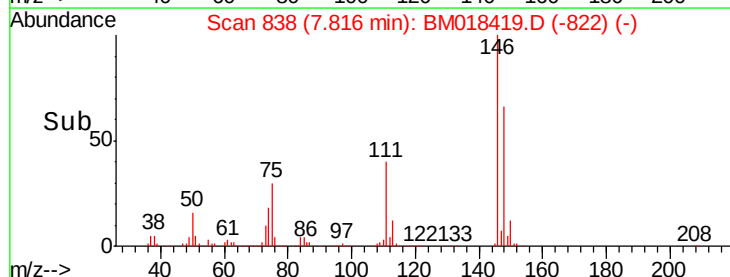
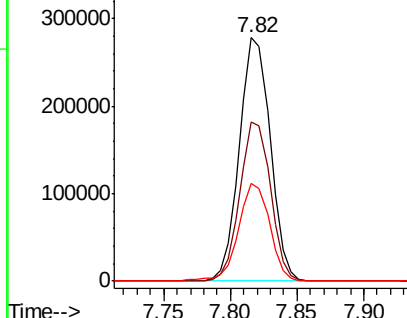


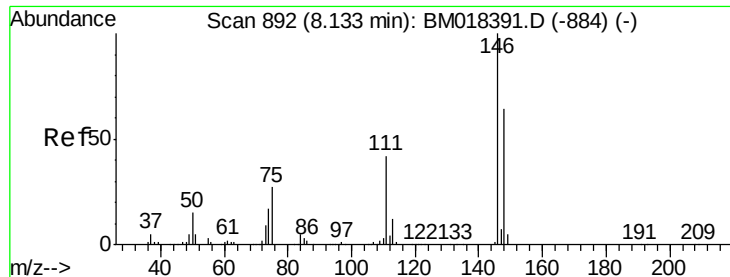
#13
 1,4-Dichlorobenzene
 Concen: 13.725 ng
 RT: 7.82 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BM018419.D
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Tgt Ion:146 Resp: 446373
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.8 76.2
 111 40.2 32.2 48.2



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

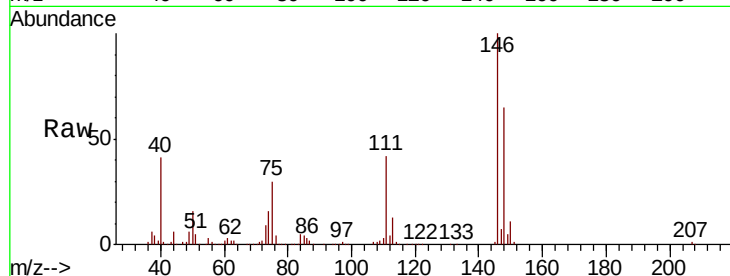




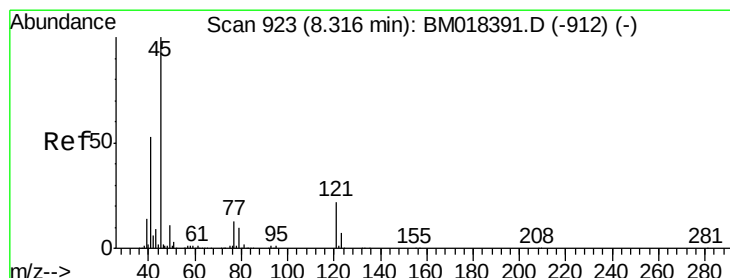
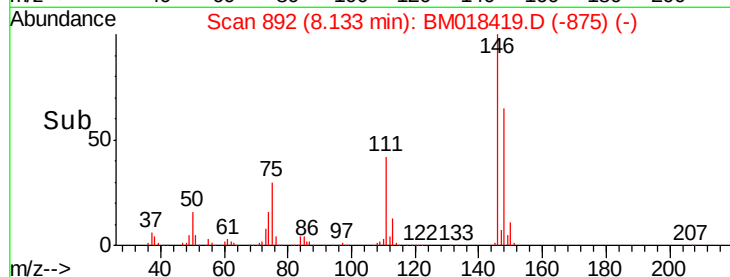
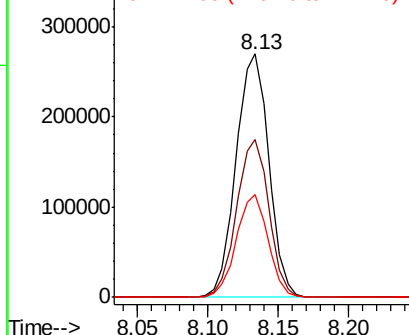
#14
 1,2-Dichlorobenzene
 Concen: 13.737 ng
 RT: 8.13 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

Tgt Ion:146 Resp: 438377
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.0 76.6
 111 42.0 33.8 50.6

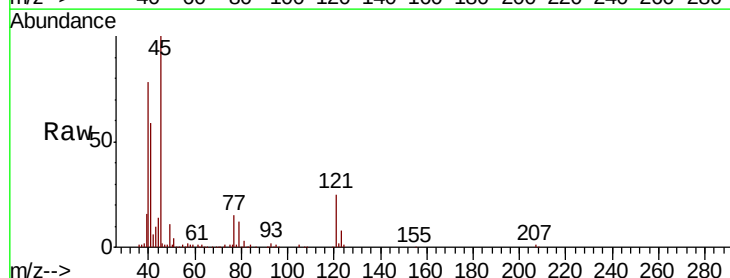


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

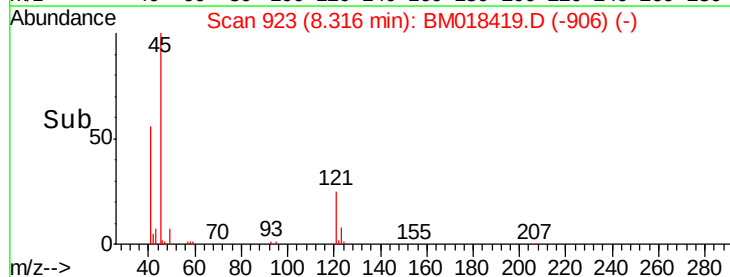
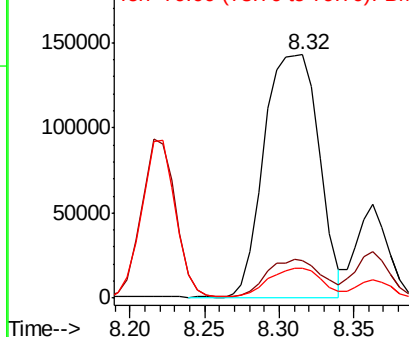


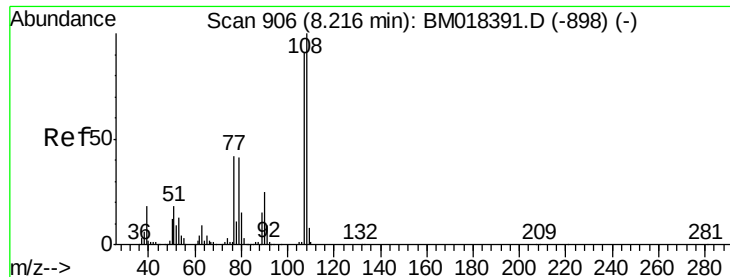
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 9.033 ng
 RT: 8.32 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Tgt Ion: 45 Resp: 361957
 Ion Ratio Lower Upper
 45 100
 77 15.2 0.0 33.4
 79 12.5 0.0 31.1



Abundance Ion 45.00 (44.70 to 45.70): BM0
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 79.00 (78.70 to 79.70): BM0

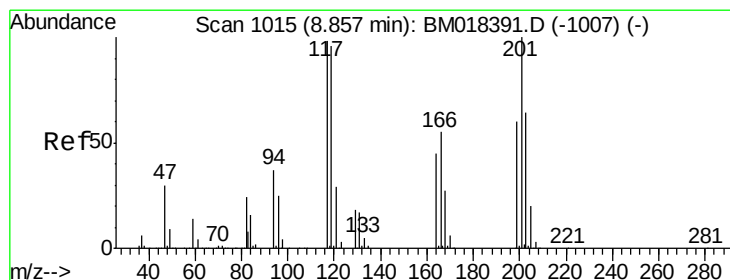
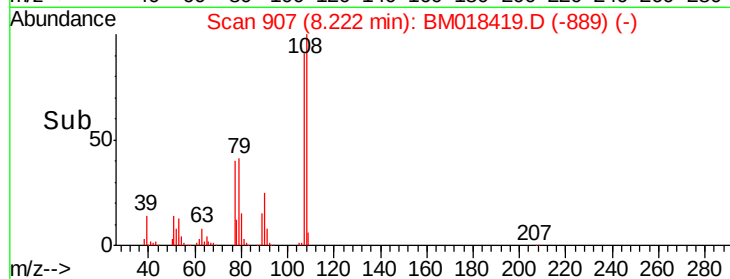
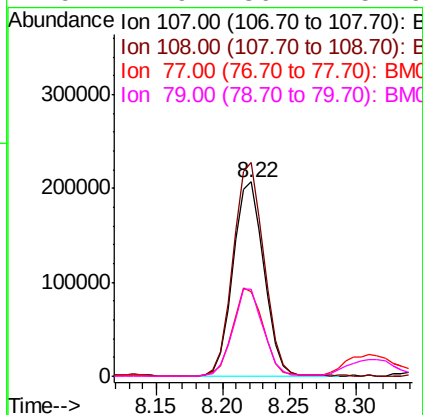
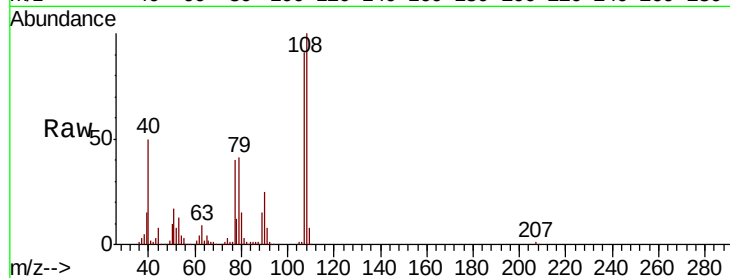




#17
2-Methylphenol
Concen: 14.659 ng
RT: 8.22 min Scan# 907
Delta R.T. 0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

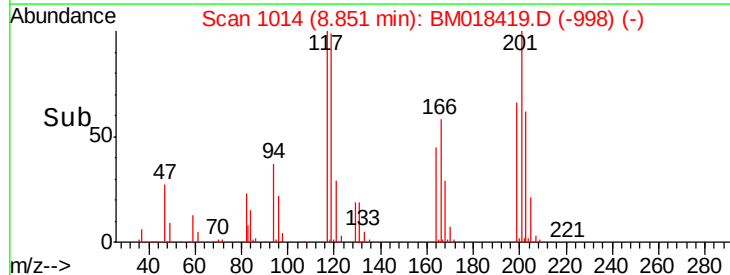
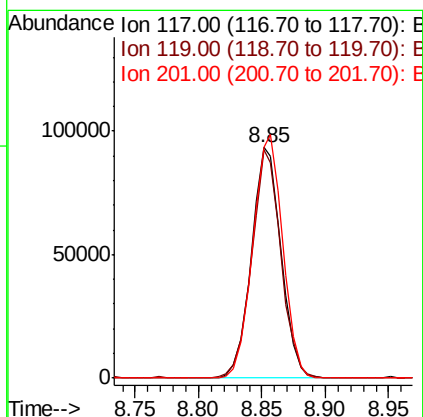
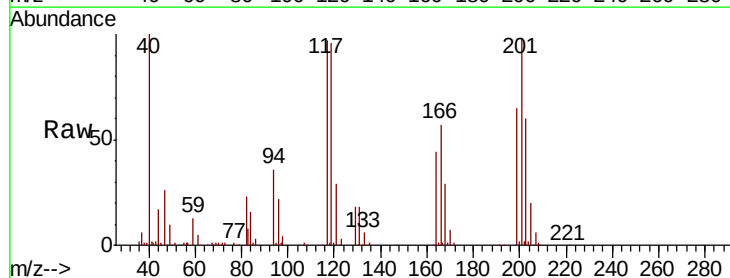
Instrument :
BNA_M
ClientSampleId :
381211744-2MS

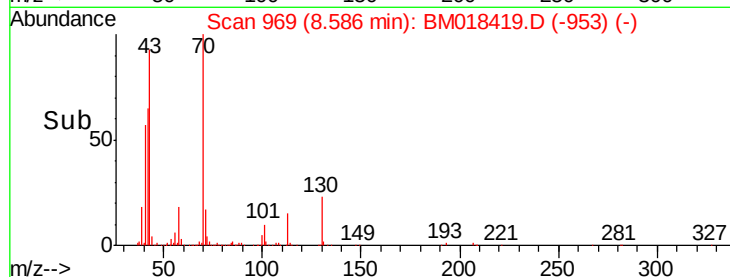
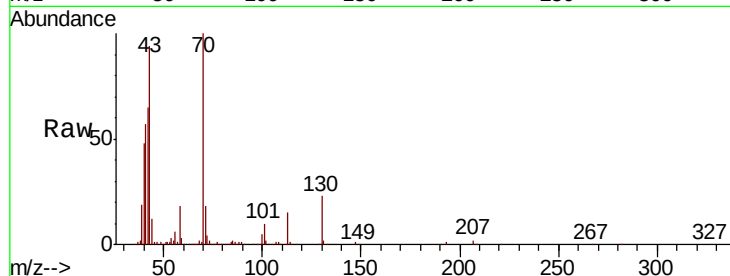
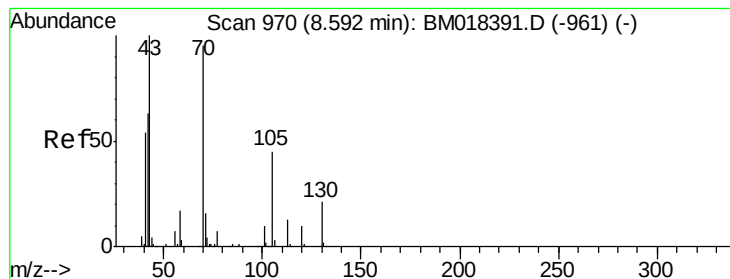
Tgt Ion:	107	Resp:	335247
Ion	Ratio	Lower	Upper
107	100		
108	110.0	87.5	131.3
77	43.6	37.3	55.9
79	44.9	36.4	54.6



#18
Hexachloroethane
Concen: 13.186 ng
RT: 8.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion:	117	Resp:	153068
Ion	Ratio	Lower	Upper
117	100		
119	98.9	78.3	117.5
201	100.2	81.4	122.0





#19

n-Nitroso-di-n-propylamine

Concen: 14.412 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

Tgt Ion: 70 Resp: 344516

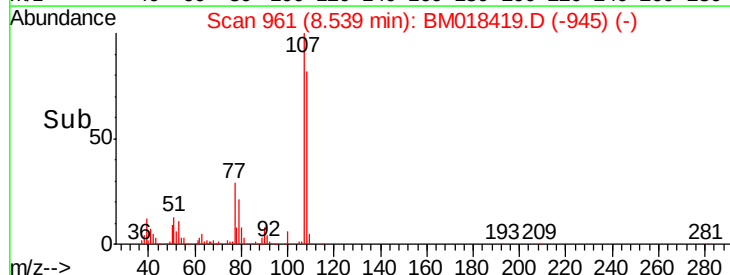
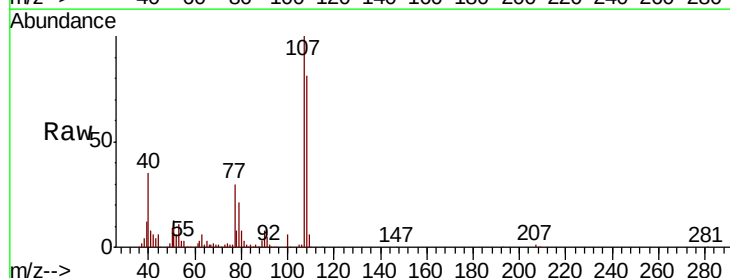
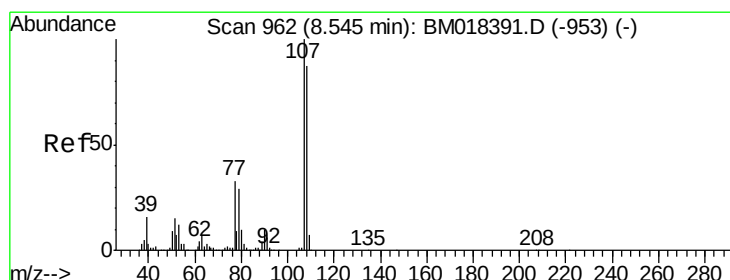
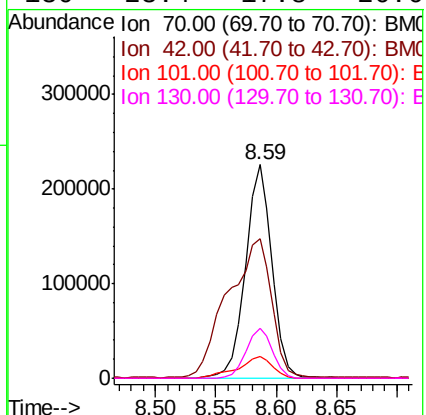
Ion Ratio Lower Upper

70 100

42 65.1 54.0 81.0

101 10.0 8.1 12.1

130 23.4 17.8 26.6



#20

3+4-Methylphenols

Concen: 15.849 ng

RT: 8.54 min Scan# 961

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Tgt Ion: 107 Resp: 486276

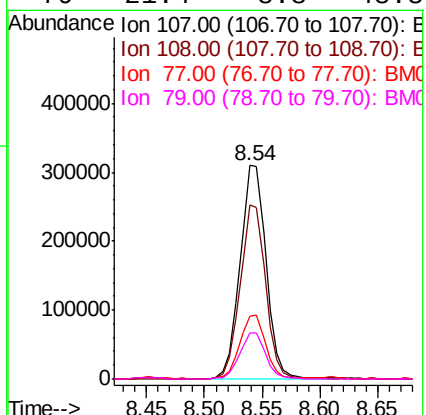
Ion Ratio Lower Upper

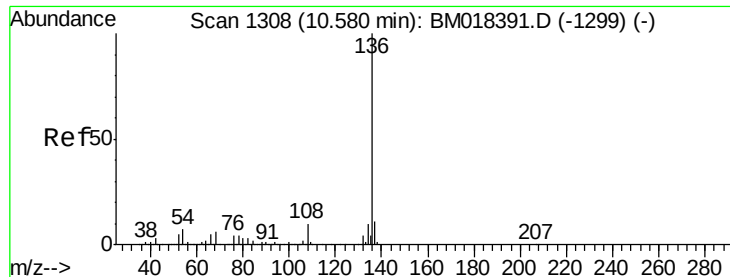
107 100

108 81.5 66.8 106.8

77 29.6 13.3 53.3

79 21.4 8.8 48.8

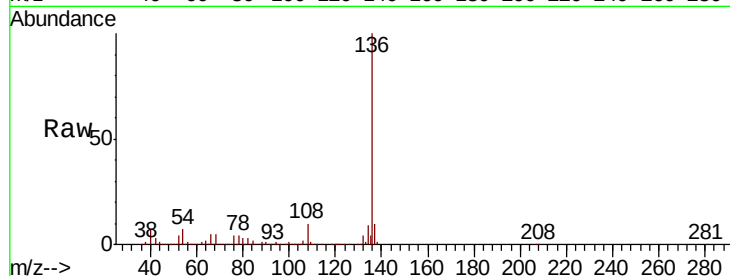




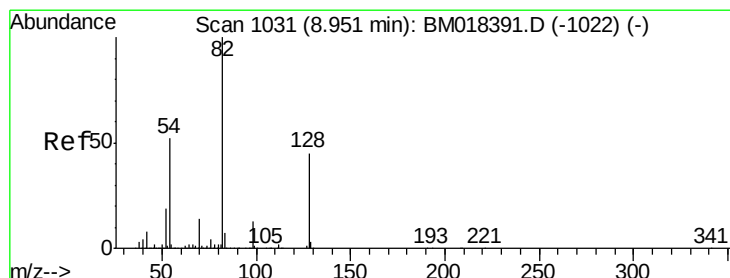
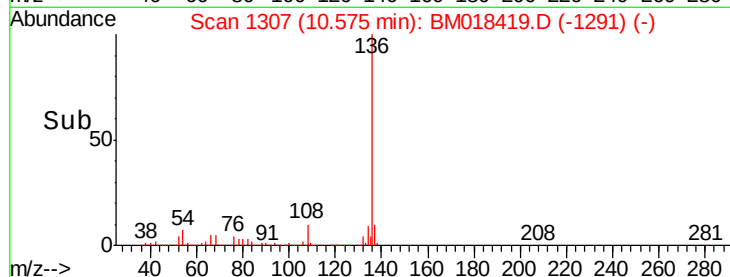
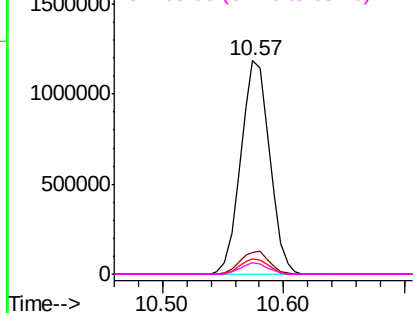
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Instrument :
BNA_M
ClientSampleId :
381211744-2MS

Tgt Ion:	136	Resp:	1986063
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.5	6.0	9.0
68	5.3	4.5	6.7

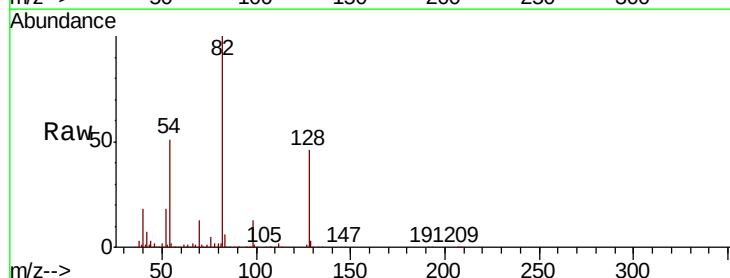


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

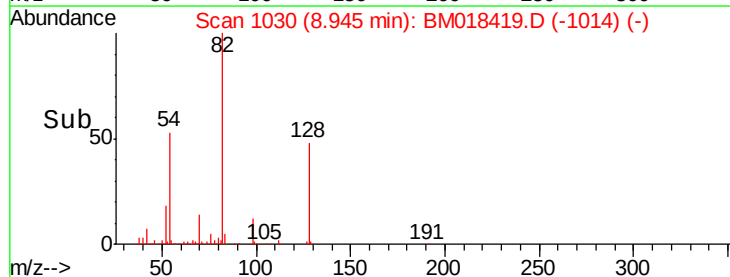
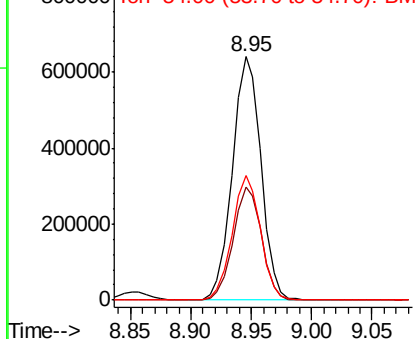


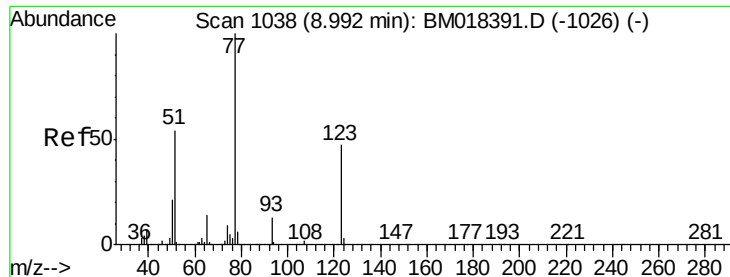
#23
Nitrobenzene-d5
Concen: 30.569 ng
RT: 8.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion:	82	Resp:	1057819
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	51.2	41.7	62.5



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#24

Nitrobenzene

Concen: 14.065 ng

RT: 8.99 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

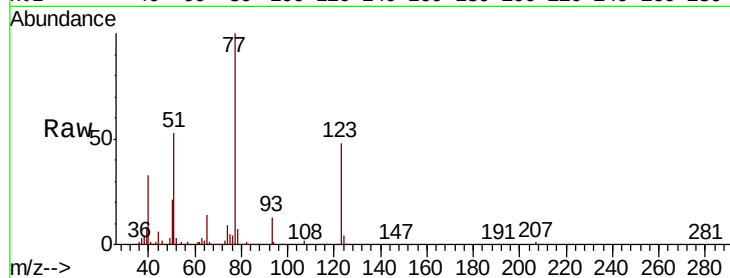
Tgt Ion: 77 Resp: 481656

Ion Ratio Lower Upper

77 100

123 48.2 37.7 56.5

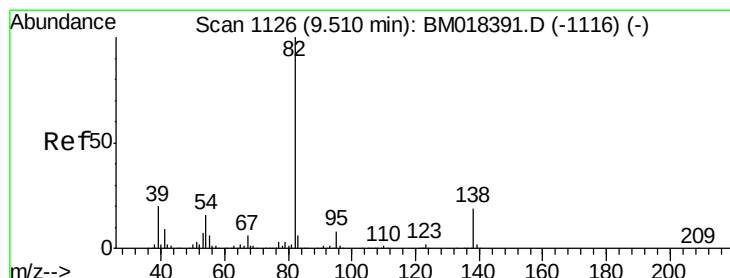
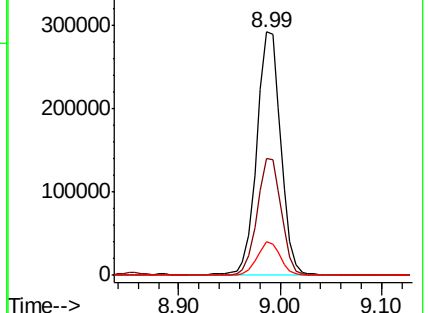
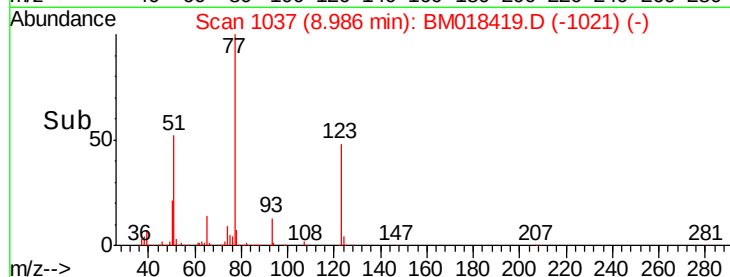
65 13.9 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BM018419.D (-1021) (-)

Ion 123.00 (122.70 to 123.70): BM018419.D (-1021) (-)

Ion 65.00 (64.70 to 65.70): BM018419.D (-1021) (-)



#25

Isophorone

Concen: 14.671 ng

RT: 9.50 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

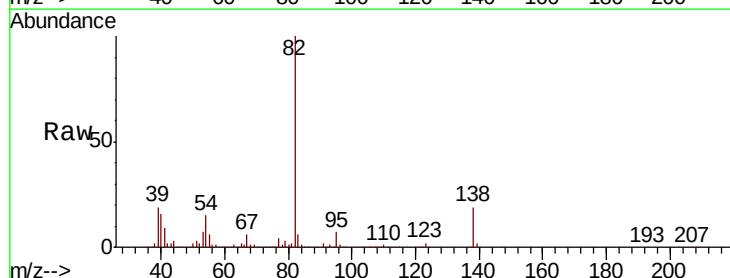
Tgt Ion: 82 Resp: 880592

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

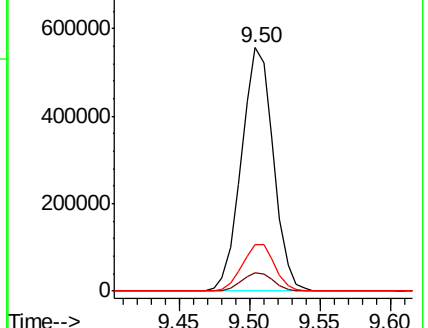
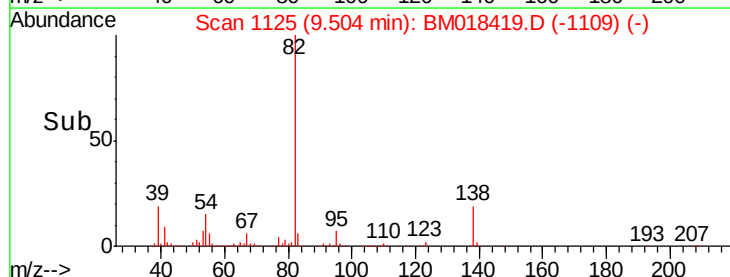
138 19.2 15.1 22.7

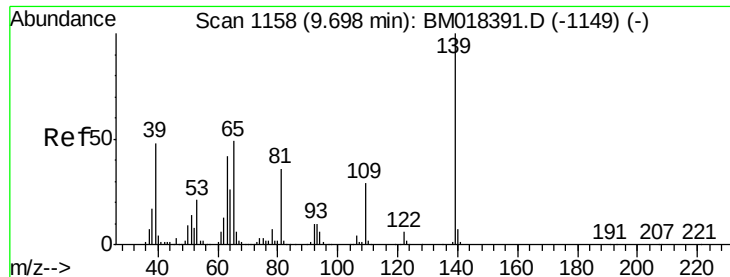


Abundance Ion 82.00 (81.70 to 82.70): BM018419.D (-1109) (-)

Ion 95.00 (94.70 to 95.70): BM018419.D (-1109) (-)

Ion 138.00 (137.70 to 138.70): BM018419.D (-1109) (-)

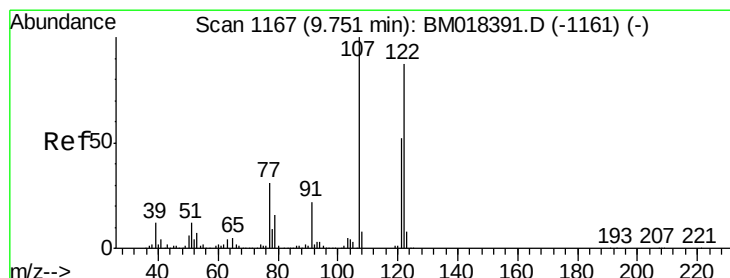
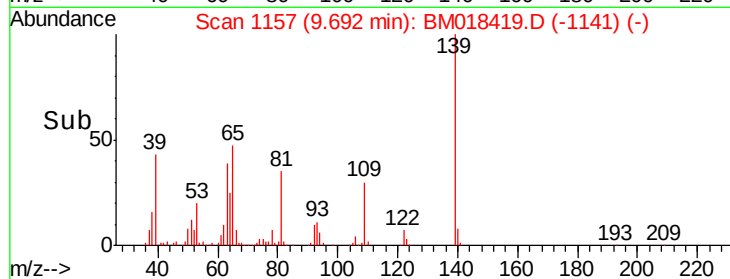
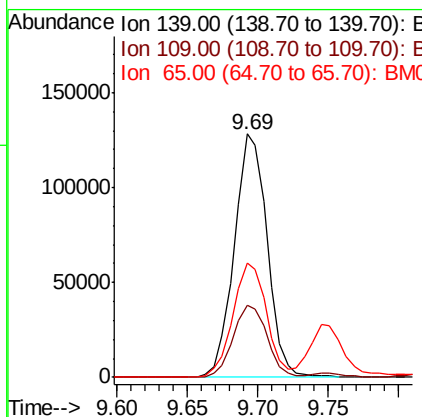
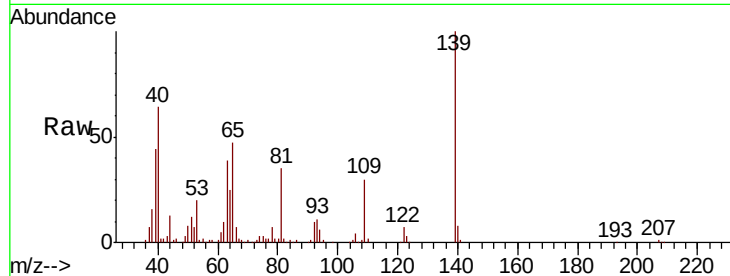




#26
2-Nitrophenol
Concen: 19.708 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

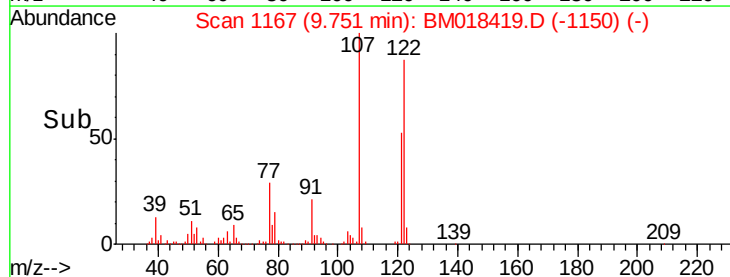
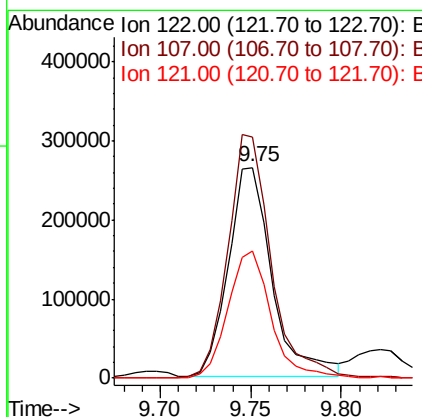
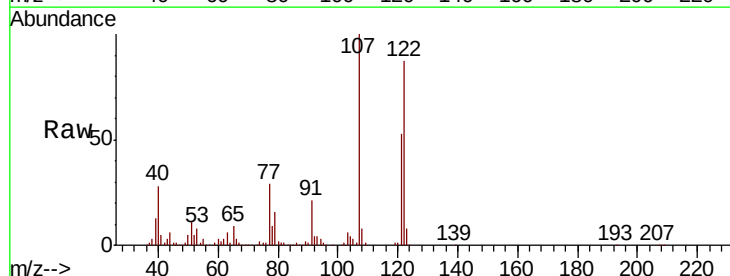
Instrument :
BNA_M
ClientSampleId :
381211744-2MS

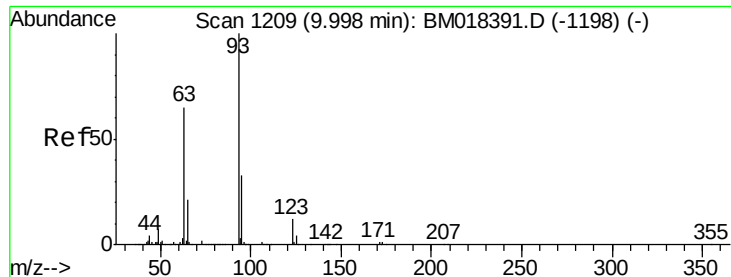
Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.6	23.4	35.2
65	46.9	39.4	59.2



#27
2,4-Dimethylphenol
Concen: 17.877 ng
RT: 9.75 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.5	91.9	137.9
121	60.3	47.5	71.3

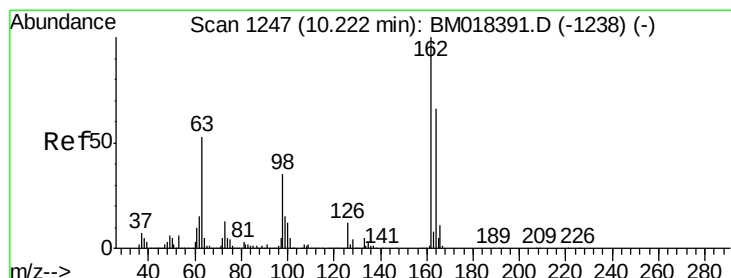
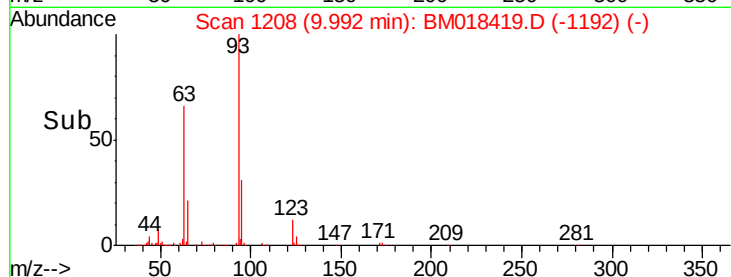
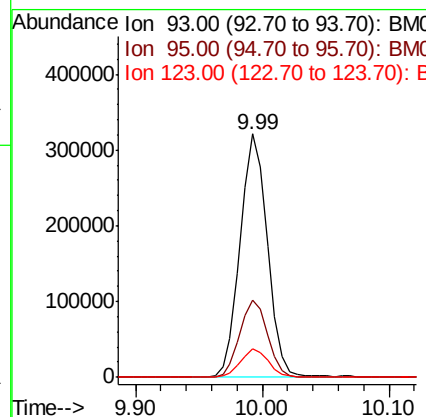
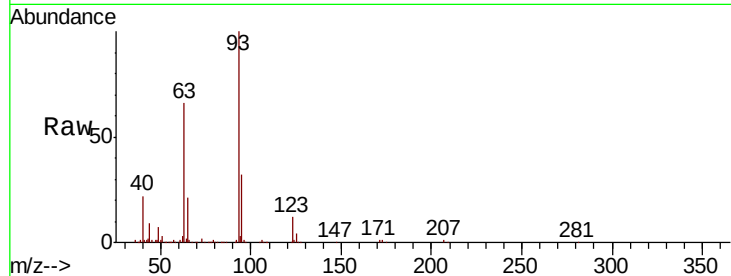




#28
 bis(2-Chloroethoxy)methane
 Concen: 12.718 ng
 RT: 9.99 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

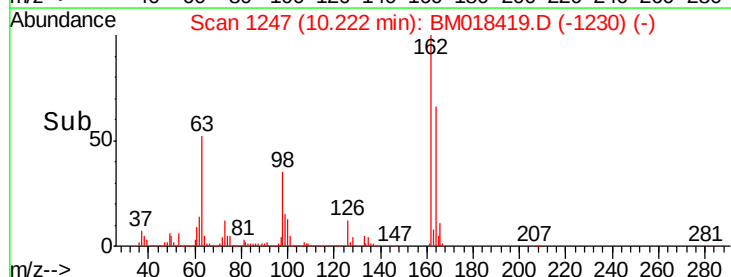
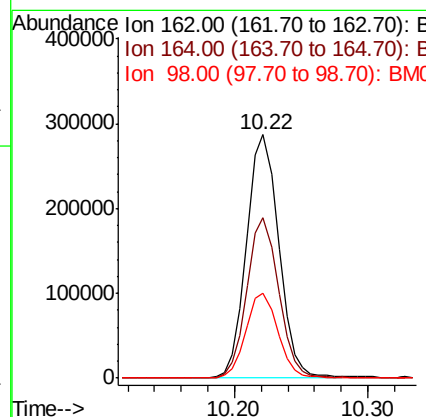
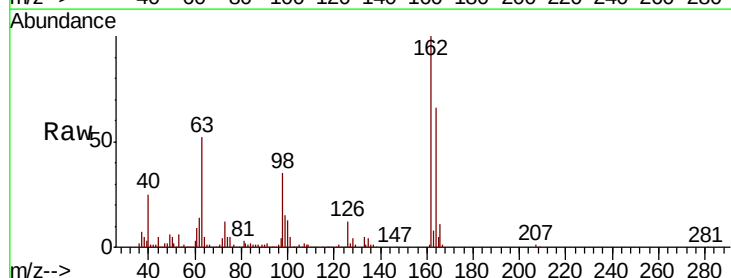
Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

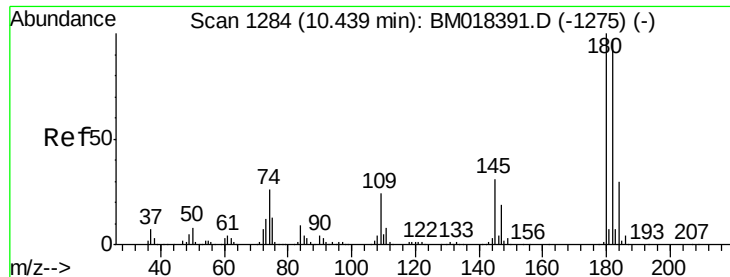
Tgt Ion: 93 Resp: 479134
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.6 39.8
 123 11.9 9.9 14.9



#29
 2,4-Dichlorophenol
 Concen: 17.448 ng
 RT: 10.22 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Tgt Ion: 162 Resp: 479788
 Ion Ratio Lower Upper
 162 100
 164 65.9 45.6 85.6
 98 34.9 14.7 54.7

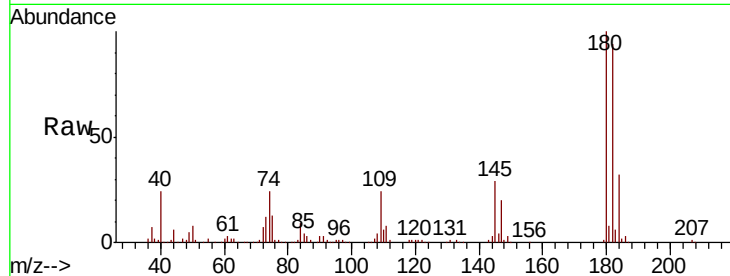




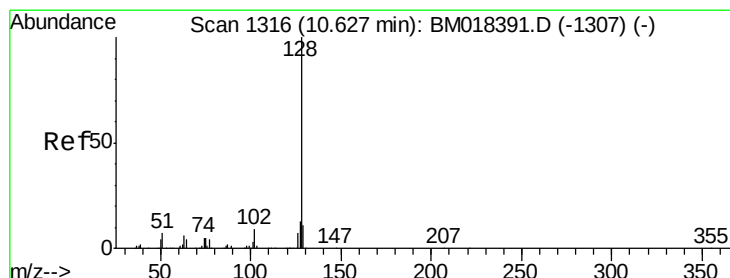
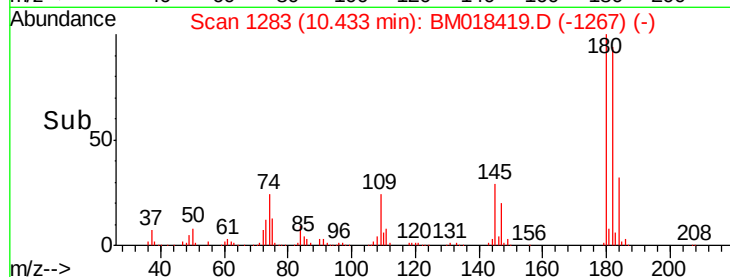
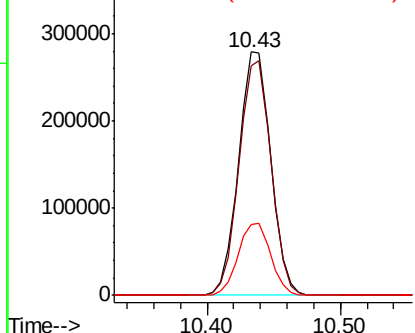
#30
1,2,4-Trichlorobenzene
Concen: 13.779 ng
RT: 10.43 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Instrument :
BNA_M
ClientSampleId :
381211744-2MS

Tgt Ion:180 Resp: 464139
Ion Ratio Lower Upper
180 100
182 94.5 77.4 116.2
145 29.1 24.6 37.0

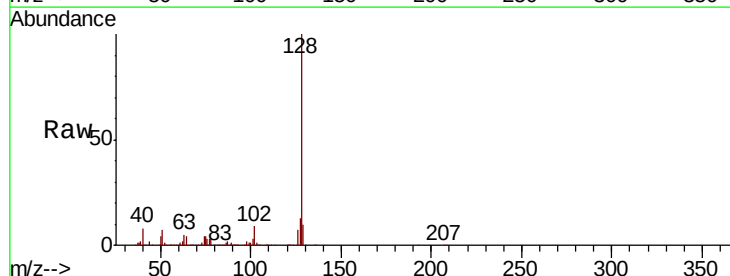


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

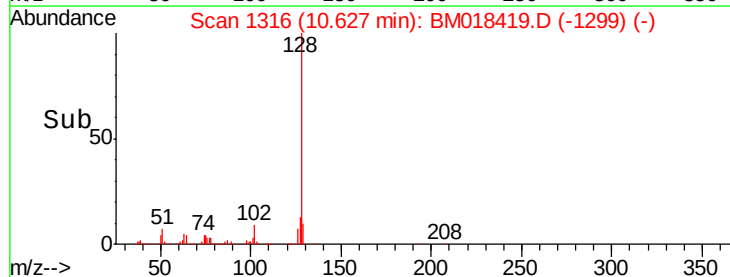
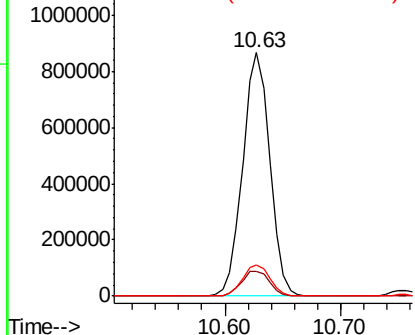


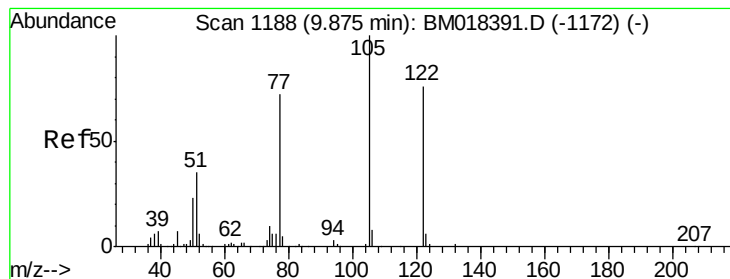
#31
Naphthalene
Concen: 14.759 ng
RT: 10.63 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion:128 Resp: 1412804
Ion Ratio Lower Upper
128 100
129 10.3 8.7 13.1
127 12.6 10.8 16.2



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: 9.490 ng

RT: 9.82 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

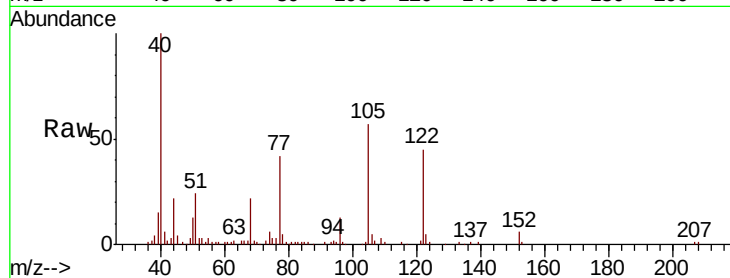
Tgt Ion:122 Resp: 73630

Ion Ratio Lower Upper

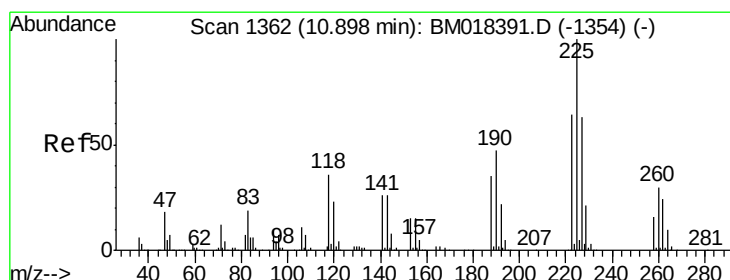
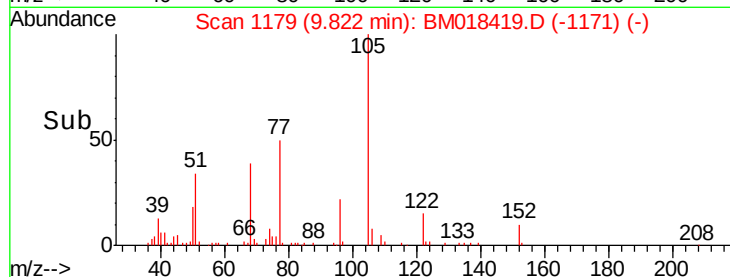
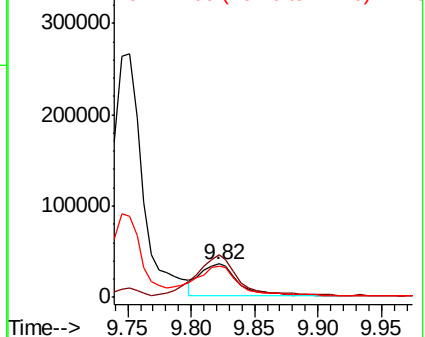
122 100

105 127.4 100.4 140.4

77 94.5 71.7 111.7



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



#34

Hexachlorobutadiene

Concen: 13.115 ng

RT: 10.90 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

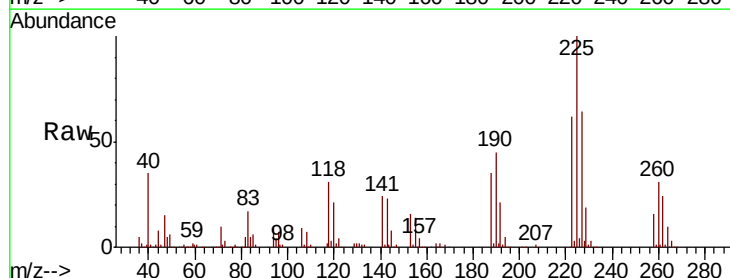
Tgt Ion:225 Resp: 268245

Ion Ratio Lower Upper

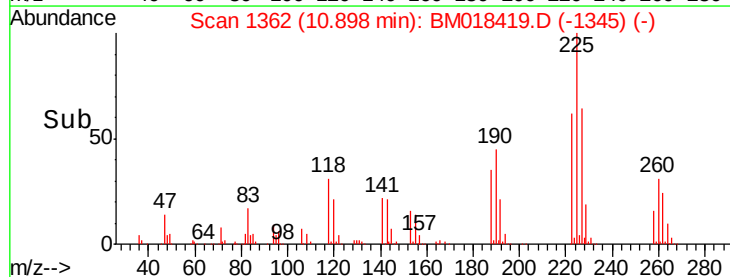
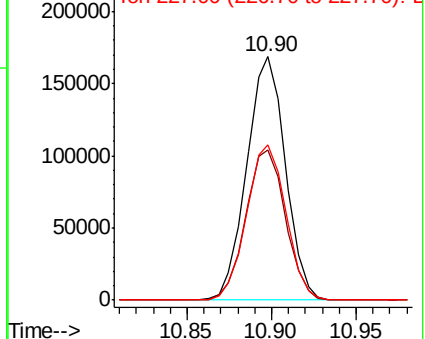
225 100

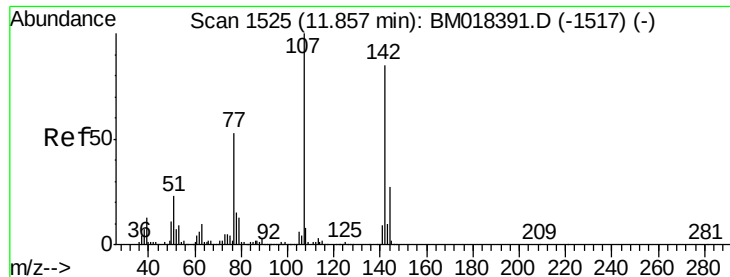
223 61.5 50.8 76.2

227 64.0 50.4 75.6



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

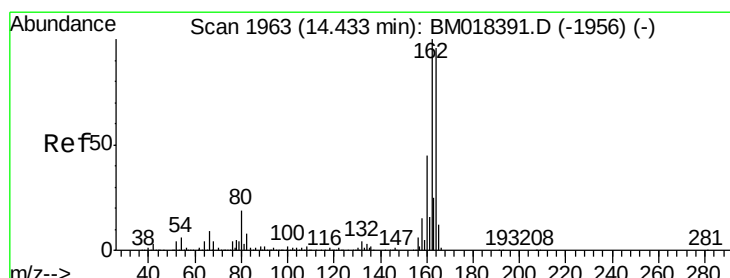
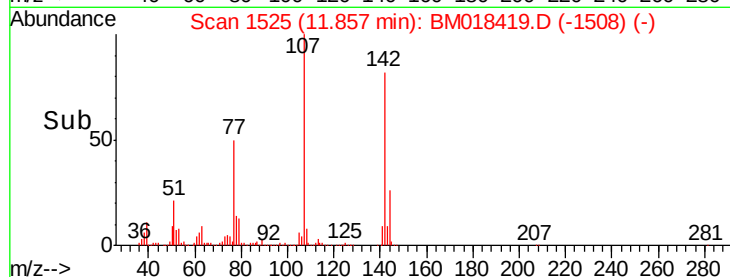
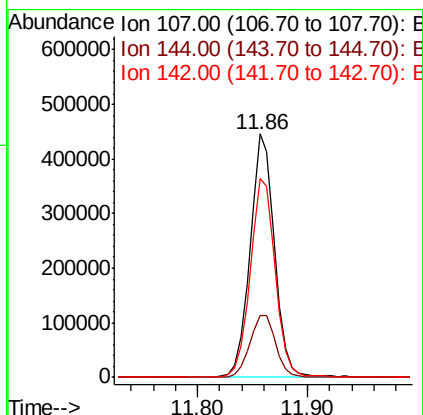
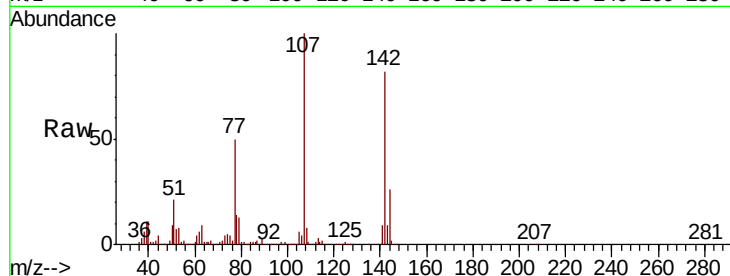




#36
4-Chloro-3-methylphenol
Concen: 22.188 ng
RT: 11.86 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

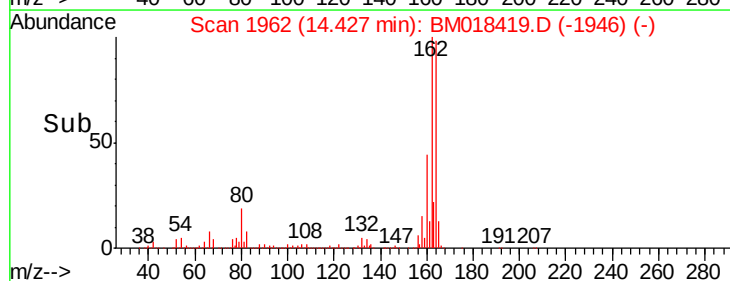
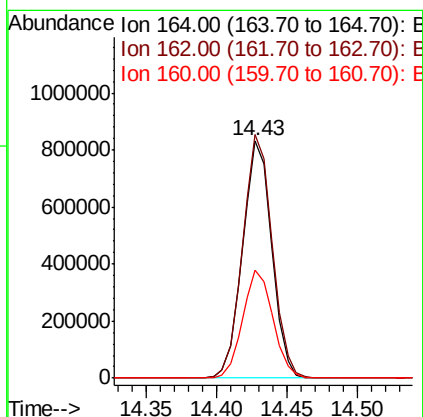
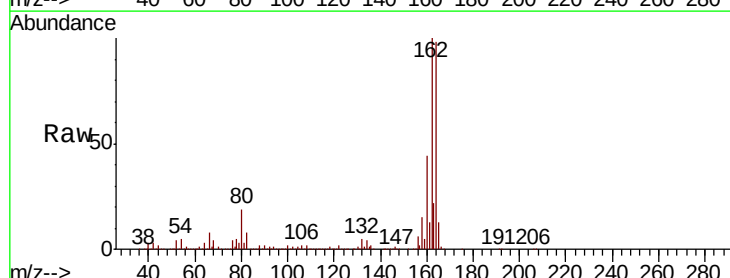
Instrument :
BNA_M
ClientSampleId :
381211744-2MS

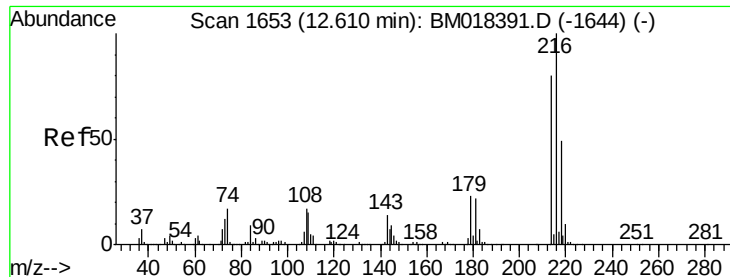
Tgt Ion:107 Resp: 691592
Ion Ratio Lower Upper
107 100
144 25.5 21.9 32.9
142 81.8 67.9 101.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion:164 Resp: 1200352
Ion Ratio Lower Upper
164 100
162 102.4 83.0 124.4
160 45.3 37.1 55.7





#40

1,2,4,5-Tetrachlorobenzene

Concen: 14.866 ng

RT: 12.60 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

Tgt Ion:216 Resp: 558648

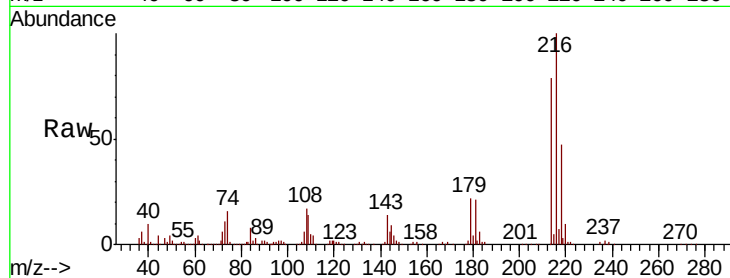
Ion Ratio Lower Upper

216 100

214 77.9 63.4 95.0

179 22.3 17.9 26.9

108 18.1 15.8 23.6

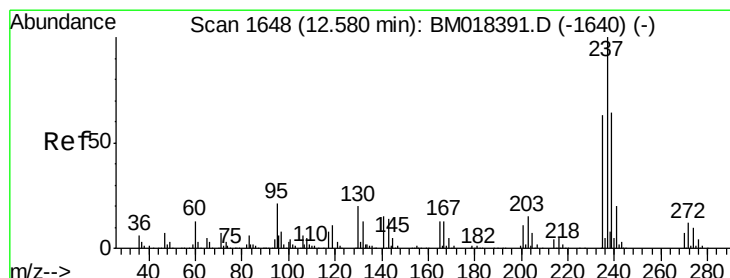
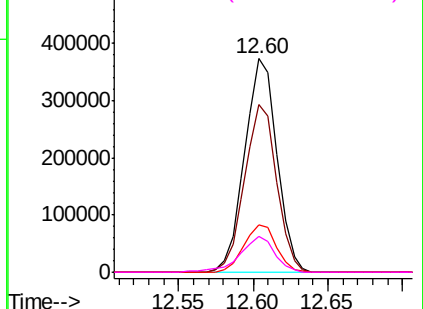
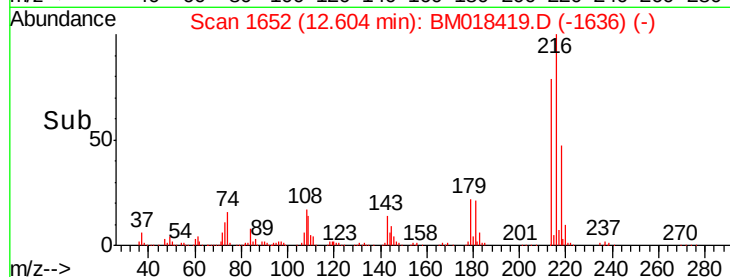


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 13.872 ng

RT: 12.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

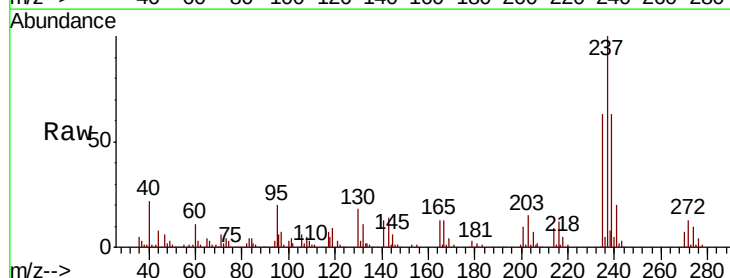
Tgt Ion:237 Resp: 252769

Ion Ratio Lower Upper

237 100

235 63.1 42.8 82.8

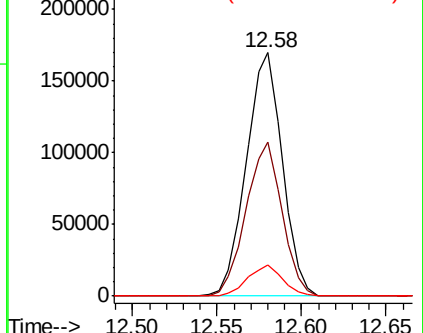
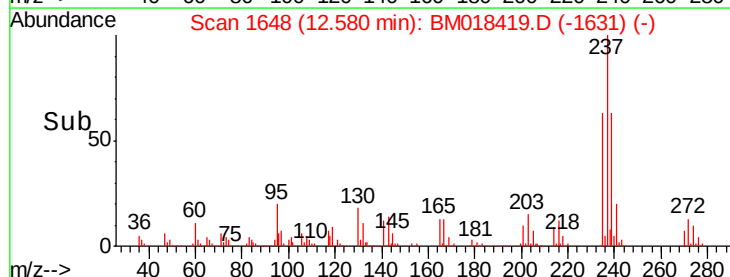
272 12.6 0.0 31.9

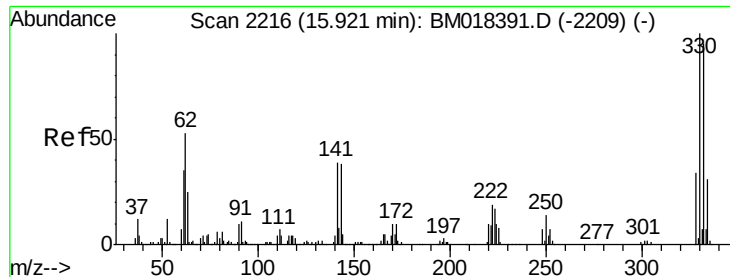


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 57.218 ng

RT: 15.92 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

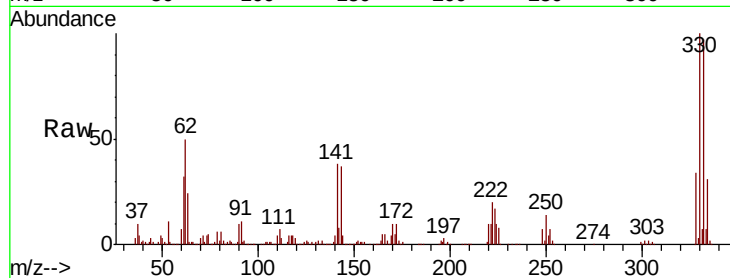
Tgt Ion:330 Resp: 872667

Ion Ratio Lower Upper

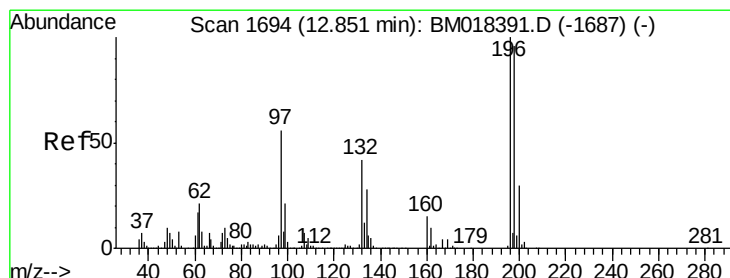
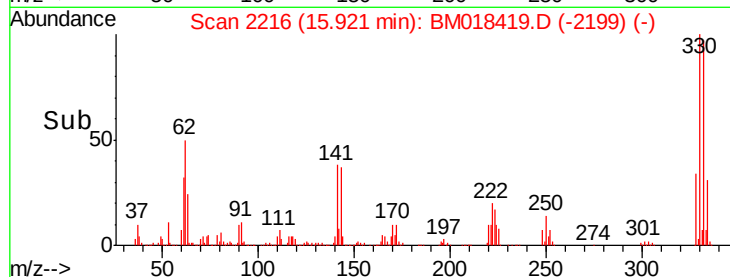
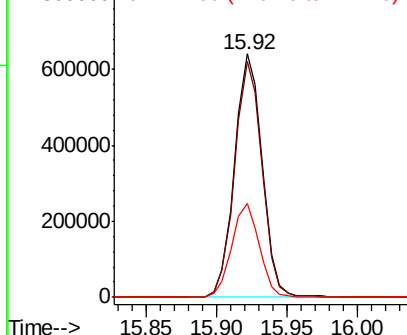
330 100

332 96.6 77.6 116.4

141 38.6 31.7 47.5



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: 22.373 ng

RT: 12.85 min Scan# 1694

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

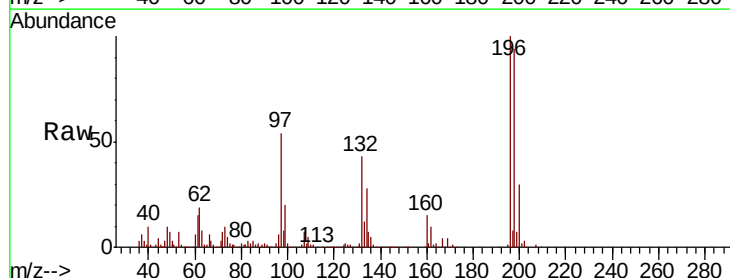
Tgt Ion:196 Resp: 477578

Ion Ratio Lower Upper

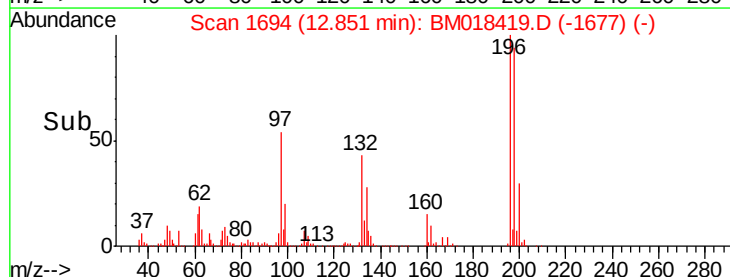
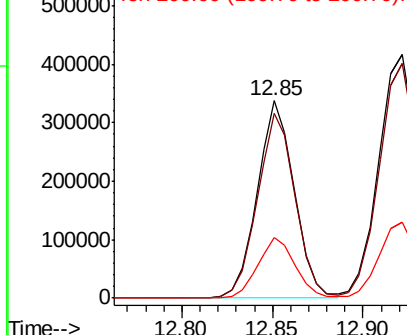
196 100

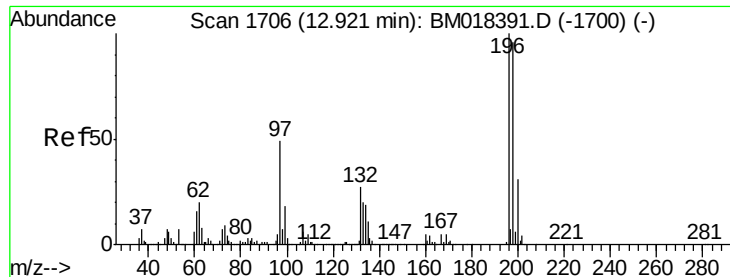
198 94.0 76.6 115.0

200 30.5 24.2 36.4



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

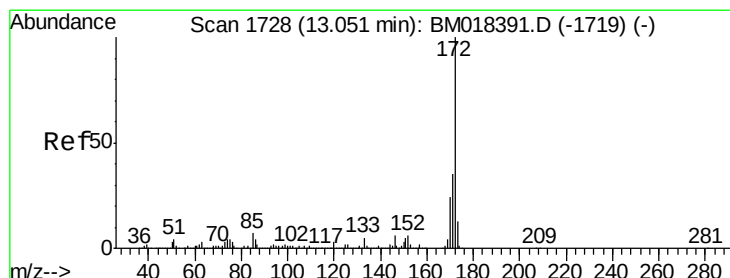
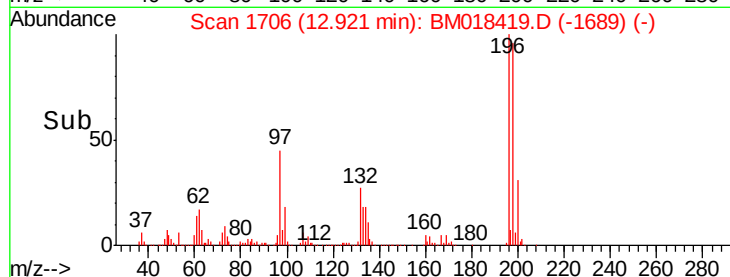
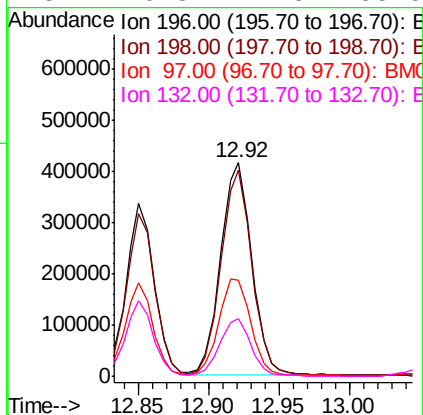
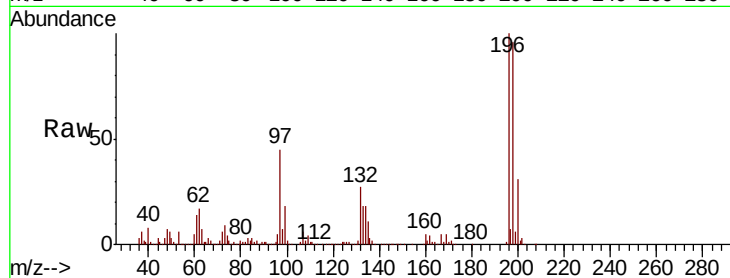




#44
 2,4,5-Trichlorophenol
 Concen: 27.206 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

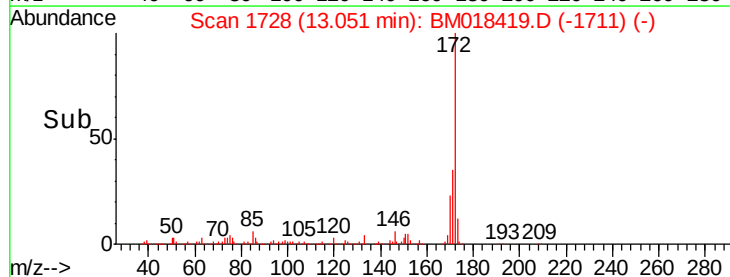
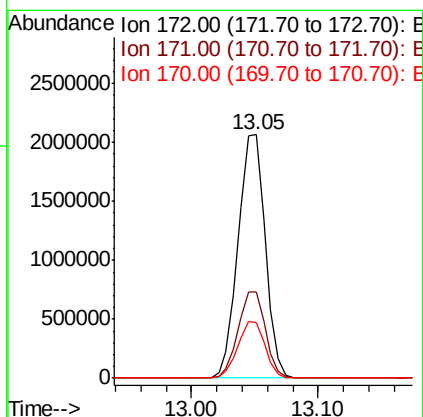
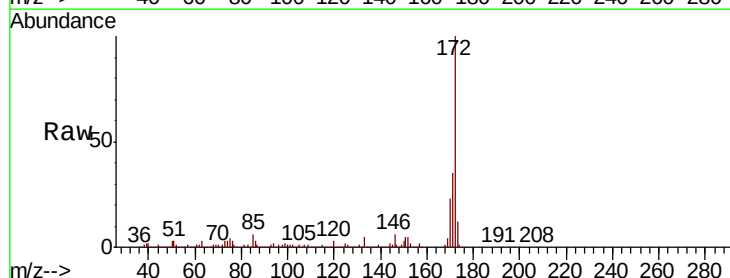
Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

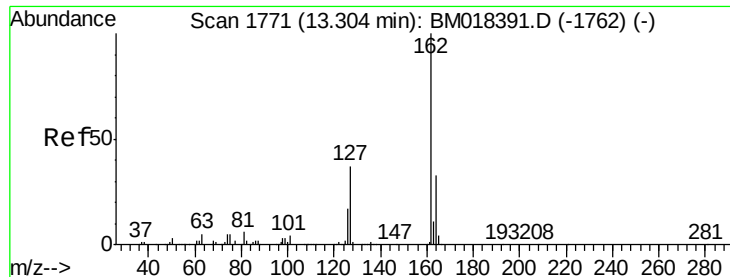
Tgt Ion	Resp	Lower	Upper
196	100		
198	96.4	76.7	115.1
97	44.9	39.2	58.8
132	26.8	22.3	33.5



#45
 2-Fluorobiphenyl
 Concen: 34.562 ng
 RT: 13.05 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.0	18.9	28.3

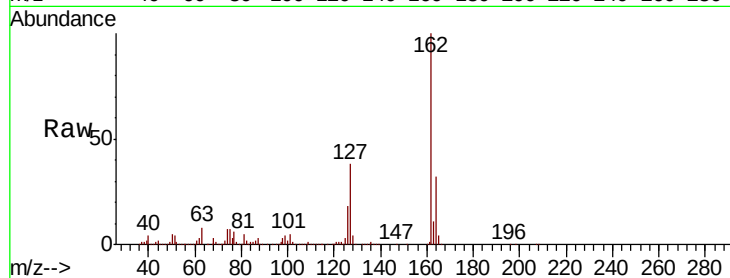




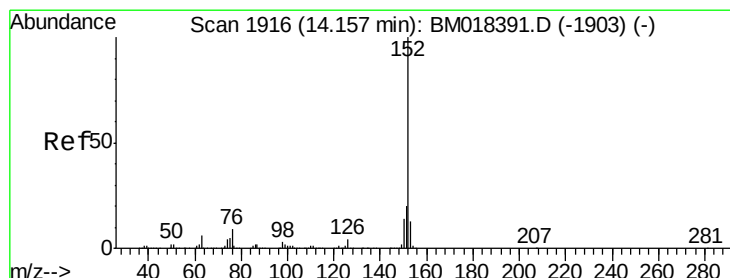
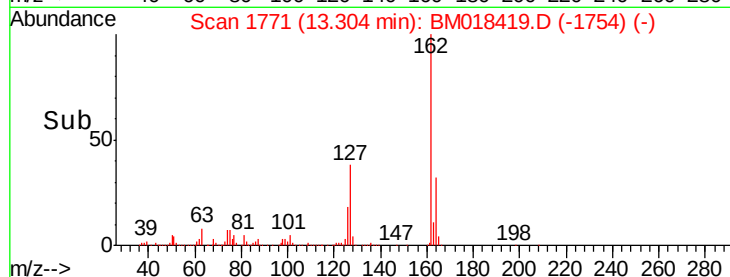
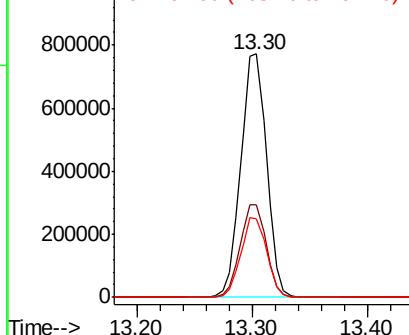
#47
2-Chloronaphthalene
Concen: 15.239 ng
RT: 13.30 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Instrument :
BNA_M
ClientSampleId :
381211744-2MS

Tgt Ion:162 Resp: 1197249
Ion Ratio Lower Upper
162 100
127 38.2 31.4 47.0
164 32.4 26.2 39.4

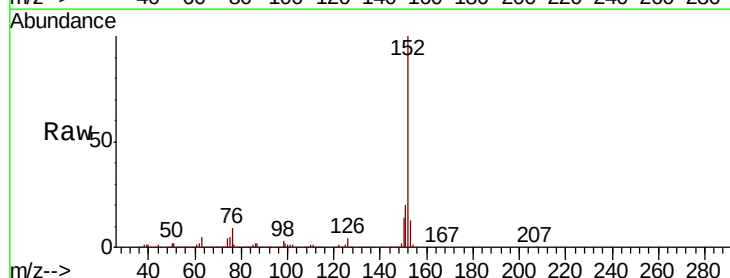


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

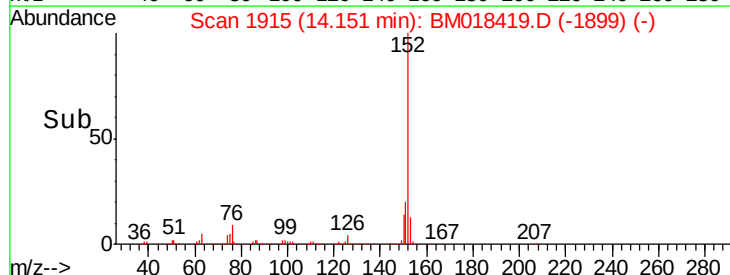
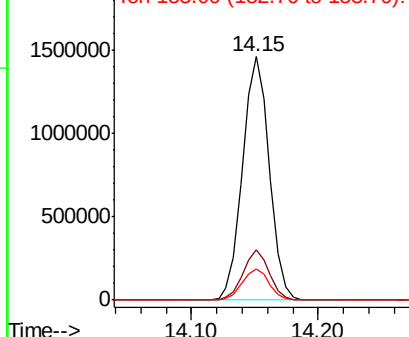


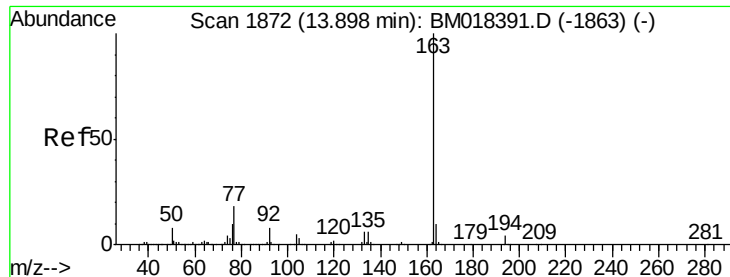
#49
Acenaphthylene
Concen: 17.571 ng
RT: 14.15 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion:152 Resp: 2125281
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5
153 12.9 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 21.382 ng

RT: 13.89 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

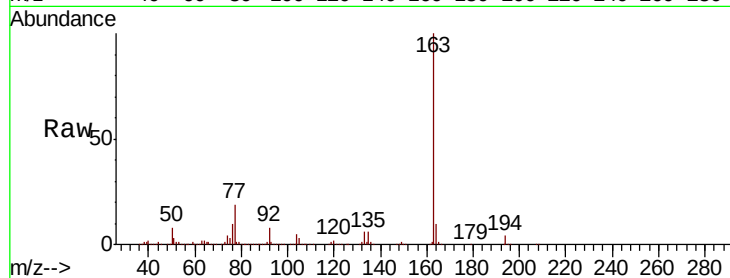
Tgt Ion:163 Resp: 2144307

Ion Ratio Lower Upper

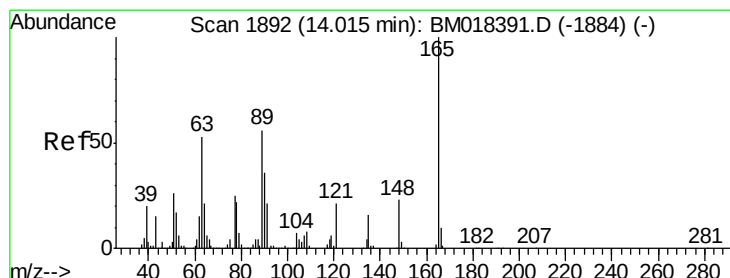
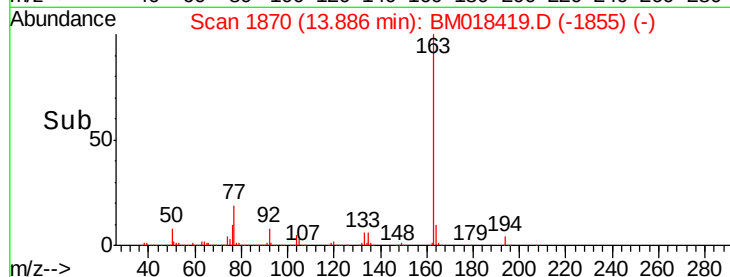
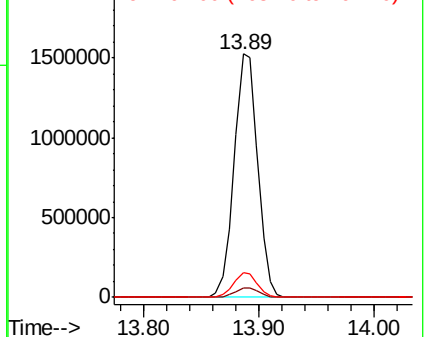
163 100

194 4.1 3.0 4.6

164 10.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 21.635 ng

RT: 14.02 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

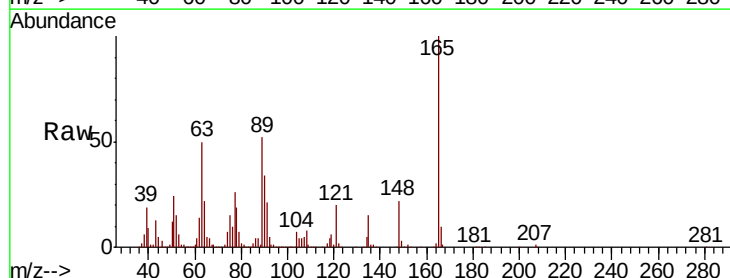
Tgt Ion:165 Resp: 455363

Ion Ratio Lower Upper

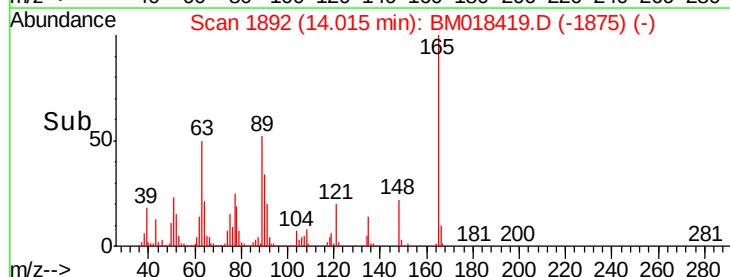
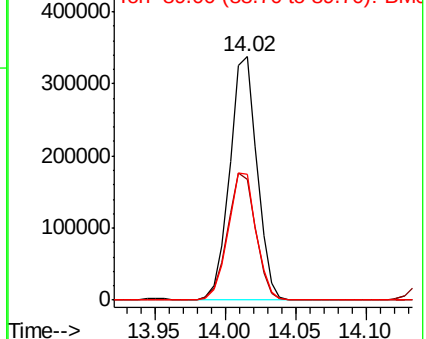
165 100

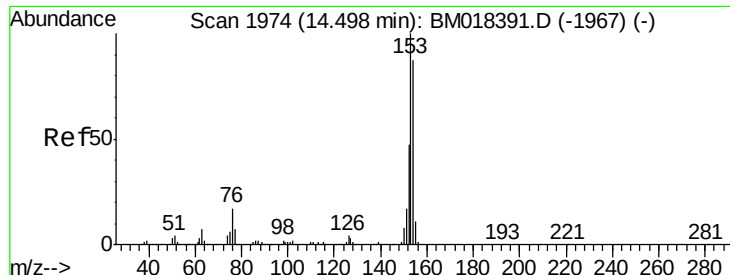
63 49.7 45.6 68.4

89 51.7 44.6 66.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 17.667 ng

RT: 14.49 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

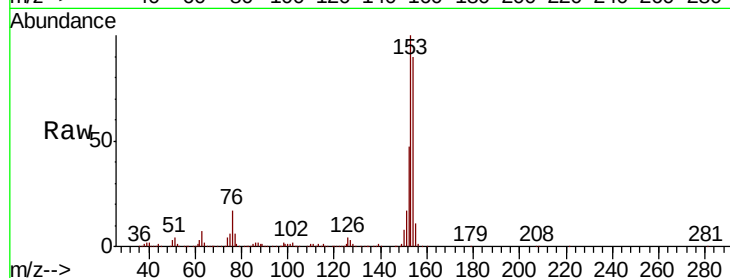
Tgt Ion:154 Resp: 1289514

Ion Ratio Lower Upper

154 100

153 111.4 92.3 138.5

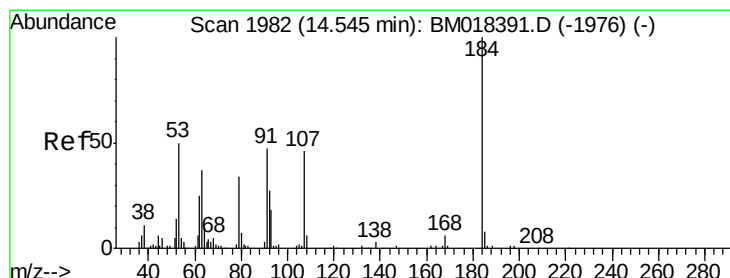
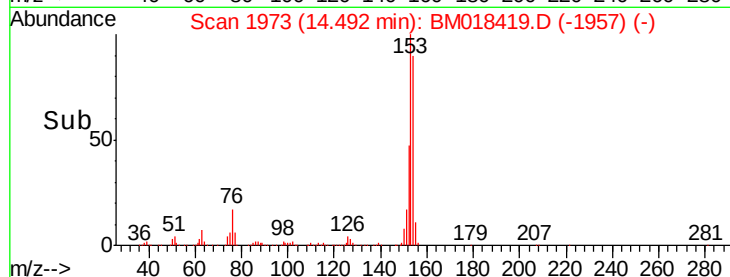
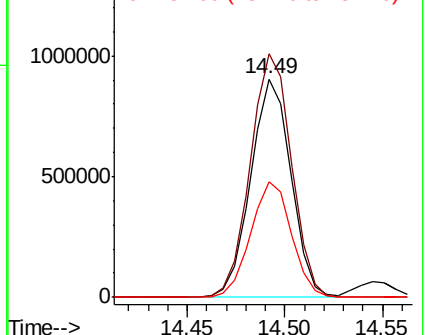
152 52.9 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

2,4-Dinitrophenol

Concen: 31.343 ng

RT: 14.54 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

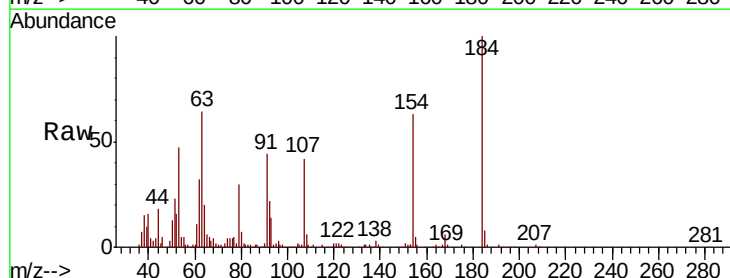
Tgt Ion:184 Resp: 149883

Ion Ratio Lower Upper

184 100

63 63.6 55.9 83.9

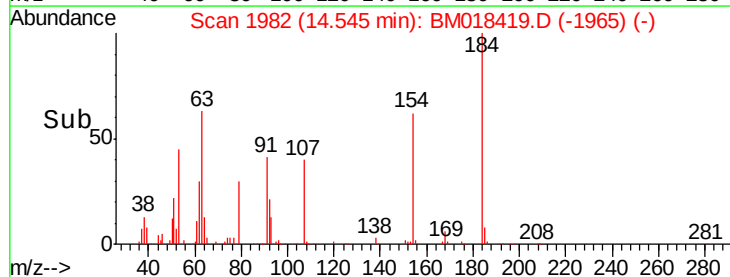
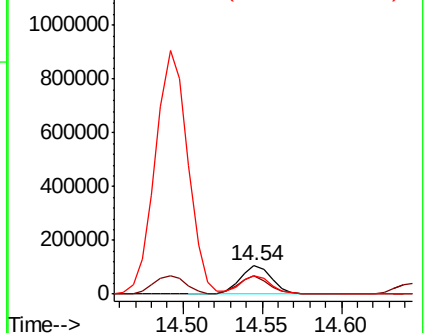
154 62.8 54.2 81.4

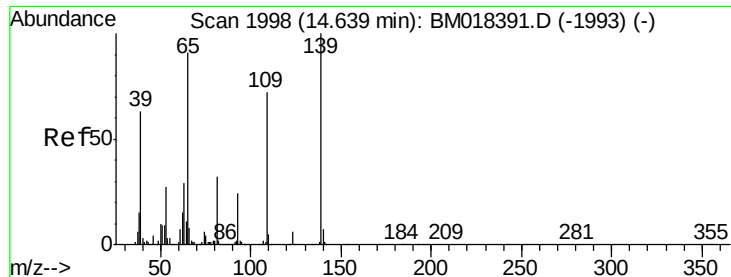


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#56

4-Nitrophenol

Concen: 15.638 ng

RT: 14.64 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

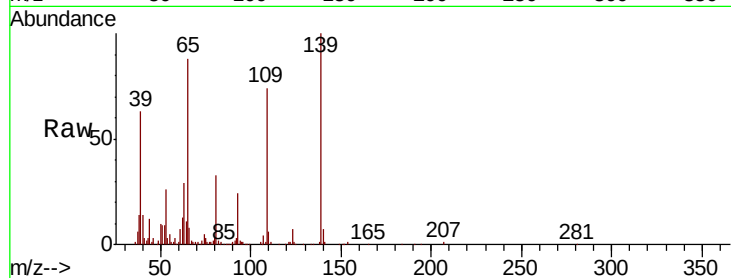
Tgt Ion:139 Resp: 216466

Ion Ratio Lower Upper

139 100

109 73.7 51.7 91.7

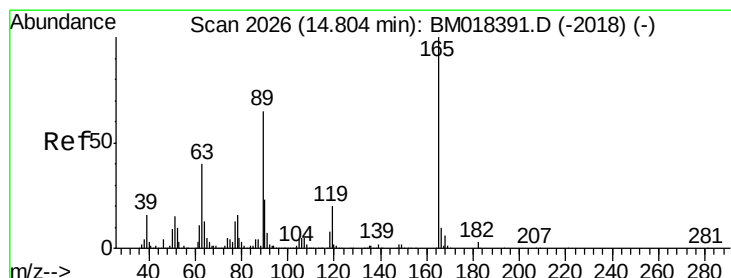
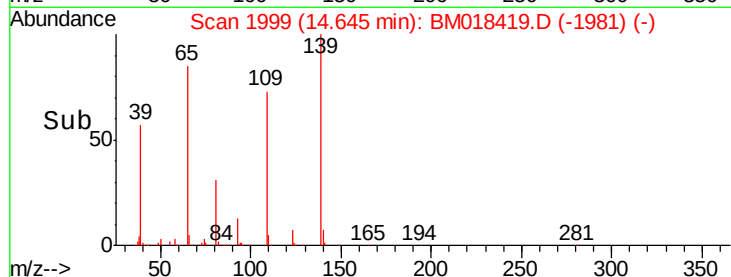
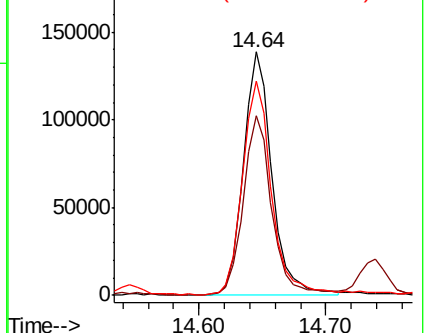
65 88.2 71.4 111.4



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: 26.942 ng

RT: 14.80 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Tgt Ion:165 Resp: 767241

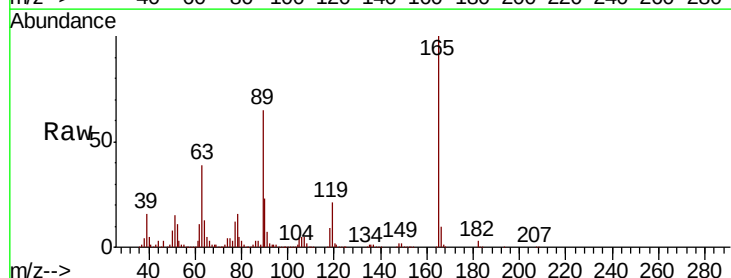
Ion Ratio Lower Upper

165 100

63 39.4 32.2 48.2

89 65.2 52.1 78.1

182 3.0 2.5 3.7

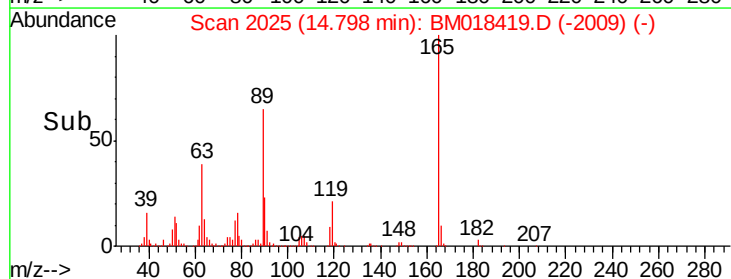
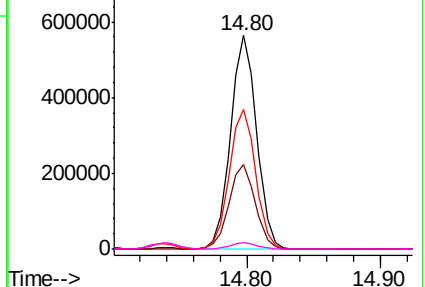


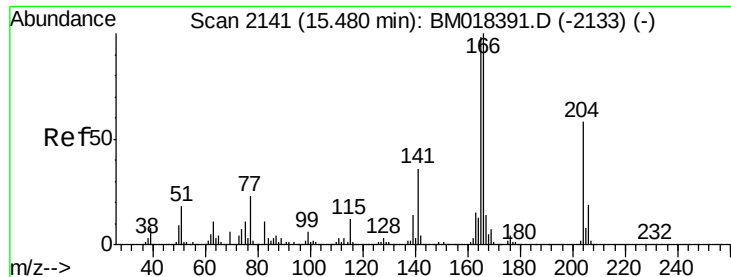
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 21.371 ng

RT: 15.48 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

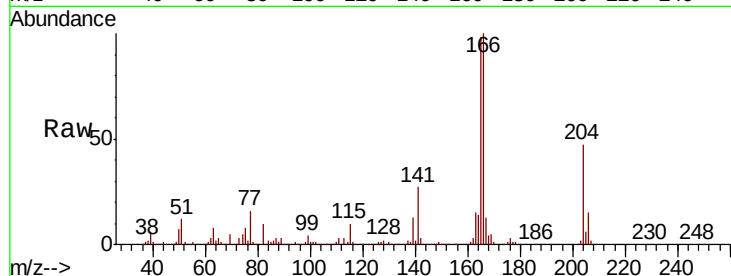
Tgt Ion:166 Resp: 1988071

Ion Ratio Lower Upper

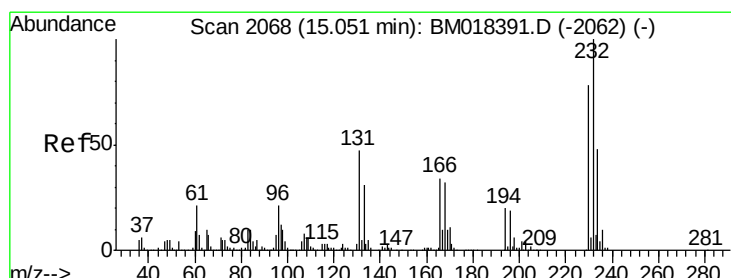
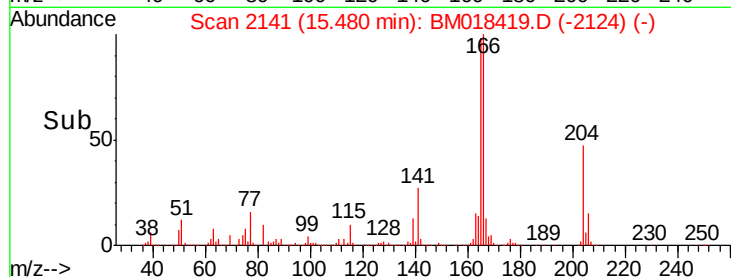
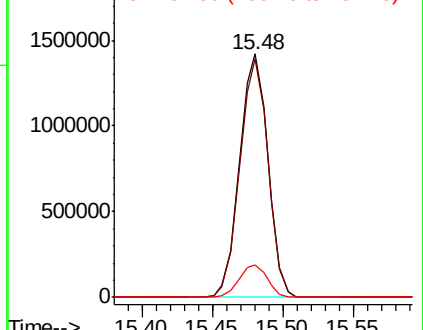
166 100

165 97.8 78.3 117.5

167 13.1 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 26.001 ng

RT: 15.05 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Tgt Ion:232 Resp: 560114

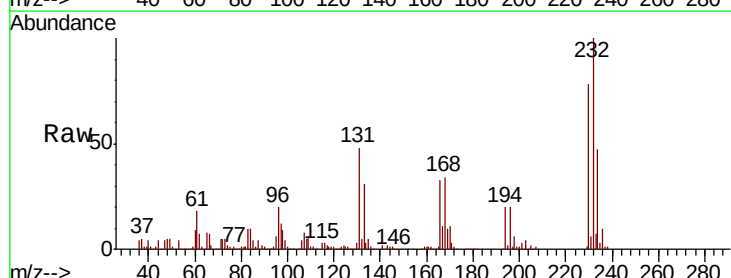
Ion Ratio Lower Upper

232 100

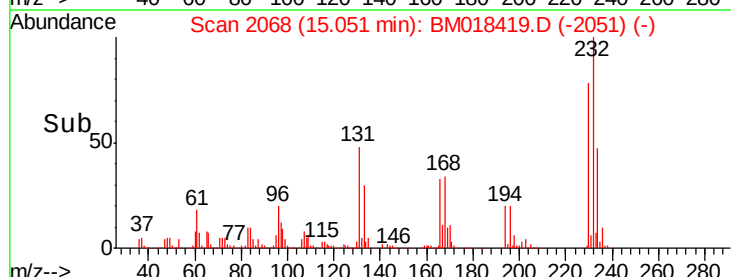
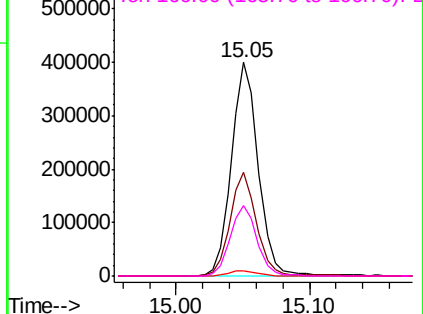
131 47.9 38.6 57.8

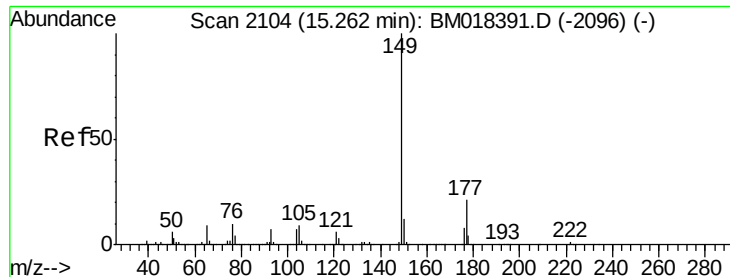
130 2.6 2.2 3.4

166 33.3 27.2 40.8



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





#60

Diethylphthalate

Concen: 24.186 ng

RT: 15.26 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

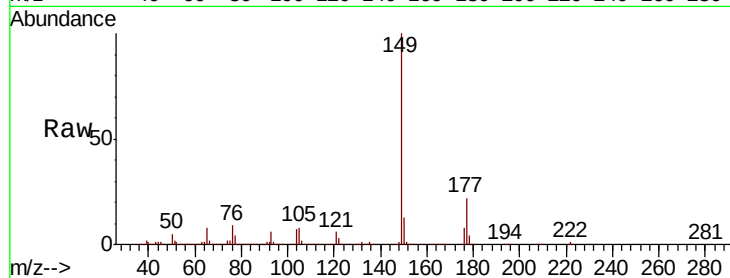
Tgt Ion:149 Resp: 2536877

Ion Ratio Lower Upper

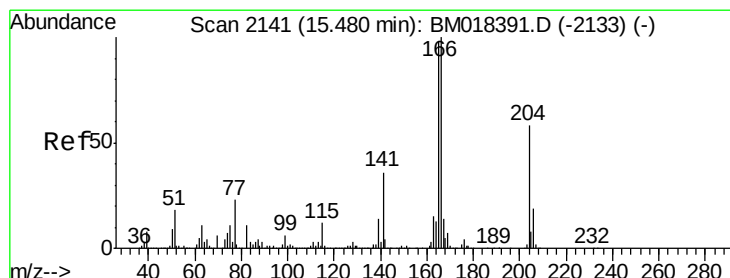
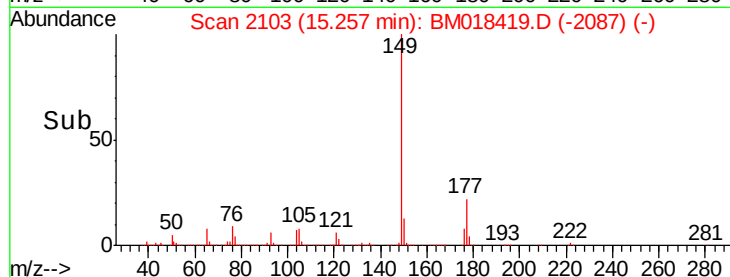
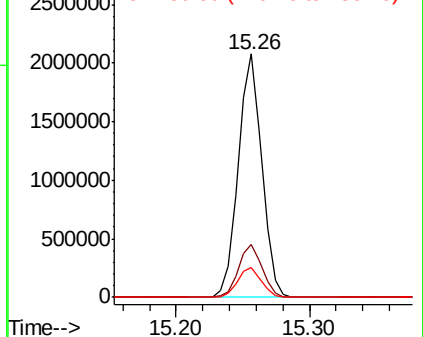
149 100

177 21.7 17.1 25.7

150 12.5 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 18.789 ng

RT: 15.47 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

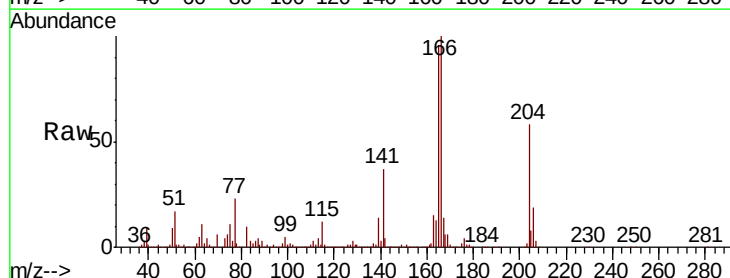
Tgt Ion:204 Resp: 960313

Ion Ratio Lower Upper

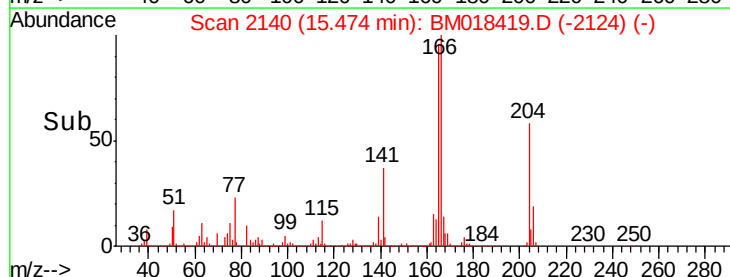
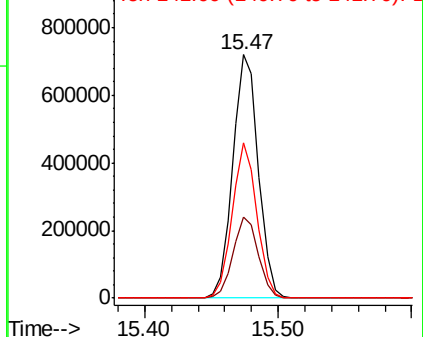
204 100

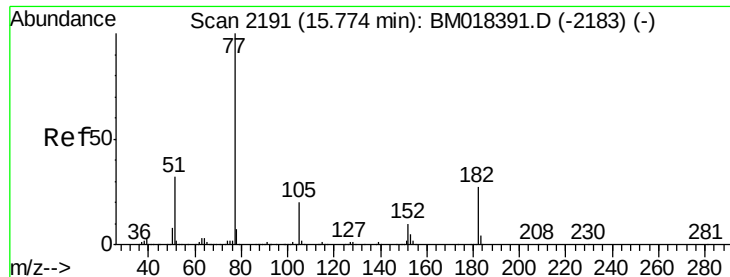
206 33.4 25.8 38.6

141 63.5 49.5 74.3



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





#63

Azobenzene

Concen: 19.679 ng

RT: 15.77 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

Tgt Ion: 77 Resp: 1881383

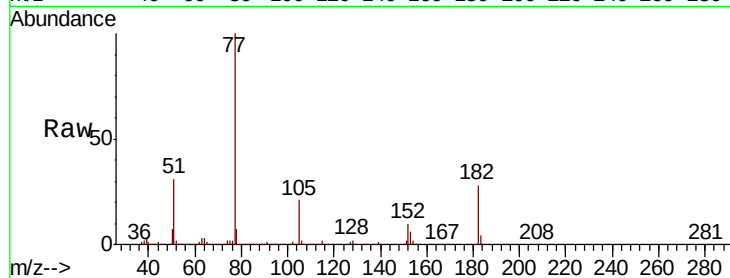
Ion Ratio Lower Upper

77 100

182 27.5 7.4 47.4

105 20.7 0.0 39.6

51 31.4 12.0 52.0

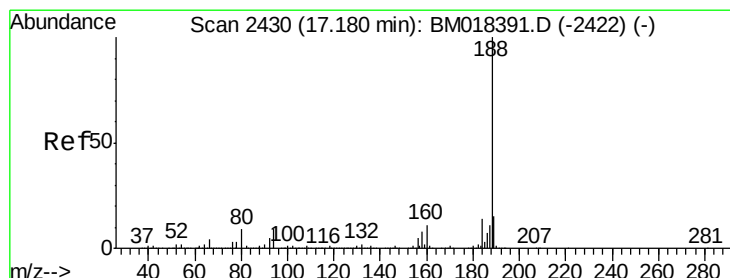
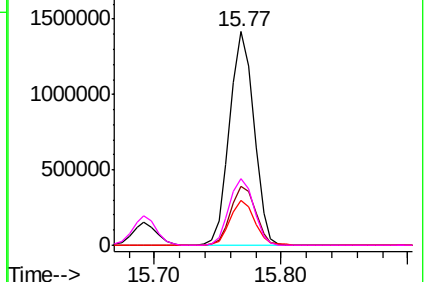
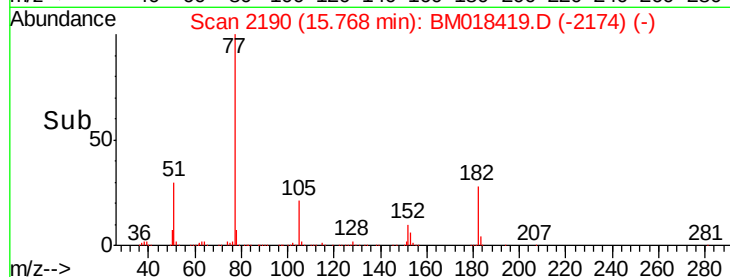


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 17.18 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

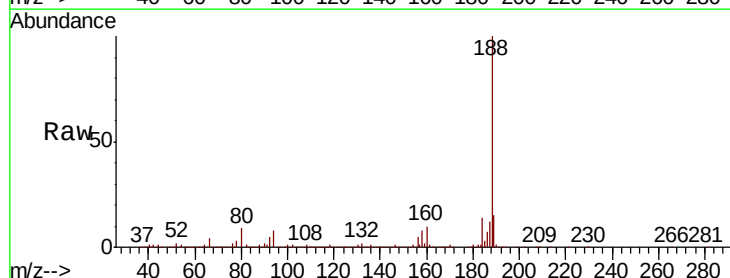
Tgt Ion: 188 Resp: 2744026

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

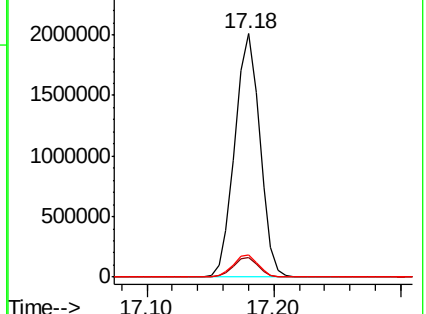
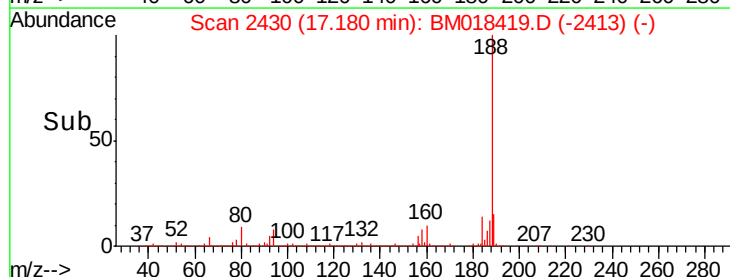
80 9.2 7.6 11.4

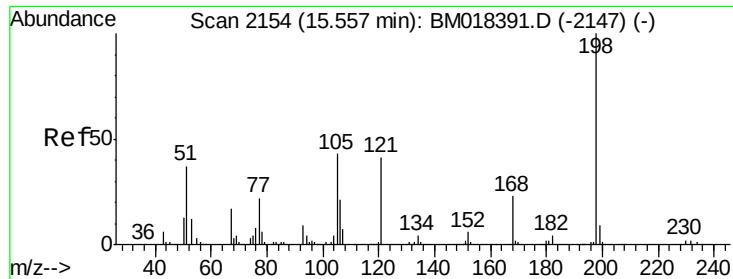


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

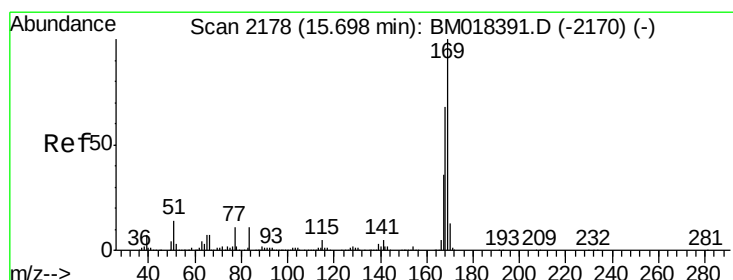
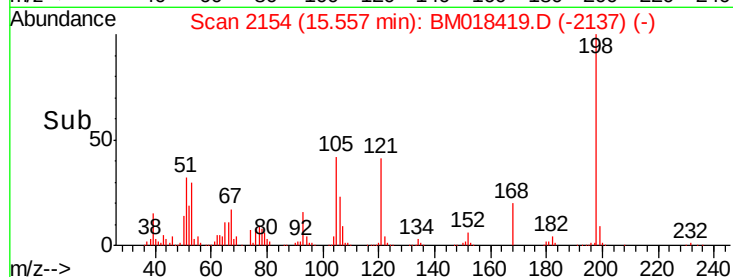
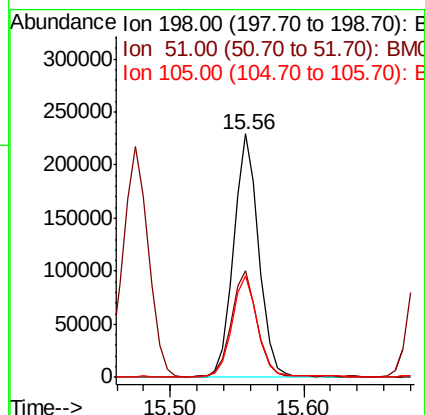
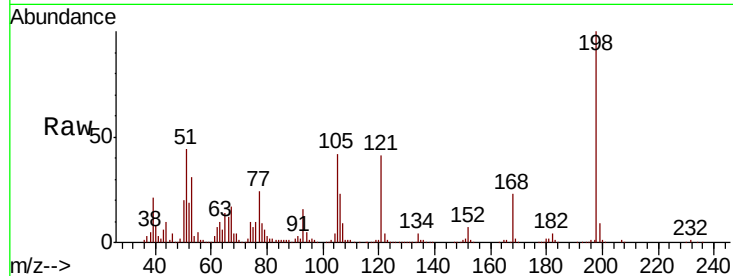




#65
 4,6-Dinitro-2-methylphenol
 Concen: 30.920 ng
 RT: 15.56 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

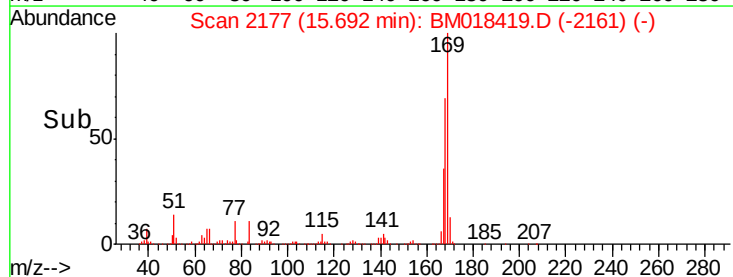
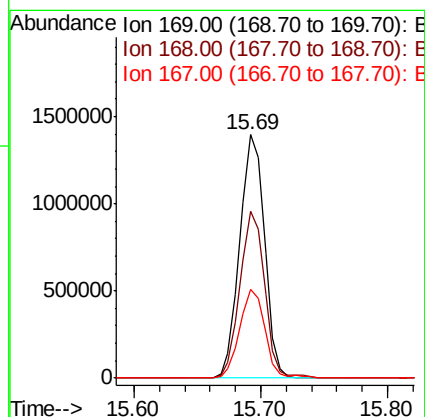
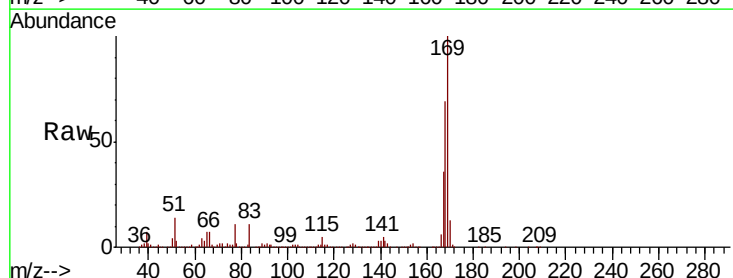
Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

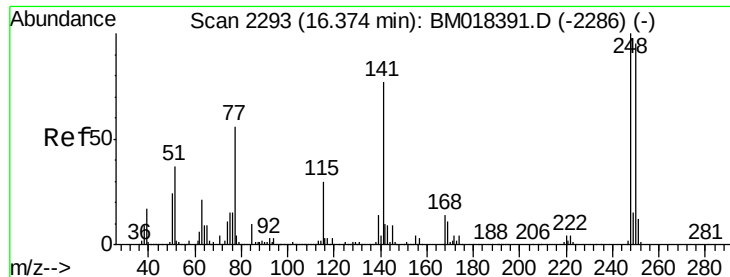
Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.9	29.6	69.6
105	41.9	25.5	65.5



#66
 n-Nitrosodiphenylamine
 Concen: 22.056 ng
 RT: 15.69 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.7	54.1	81.1
167	36.2	28.6	42.8

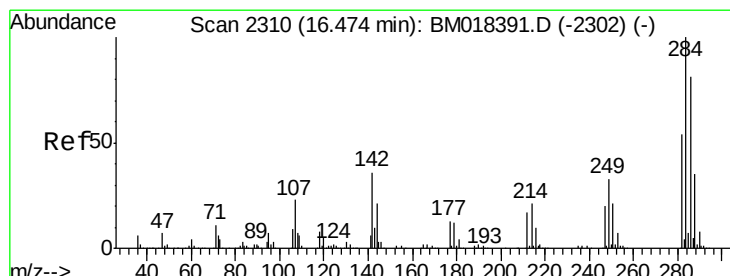
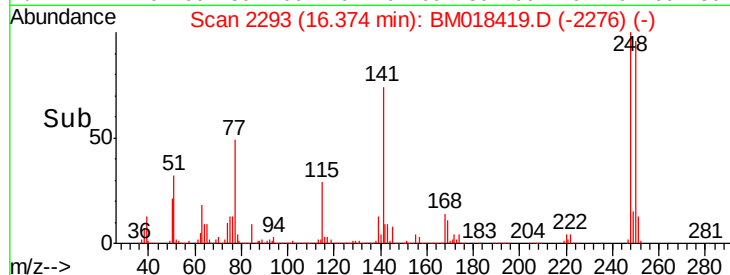
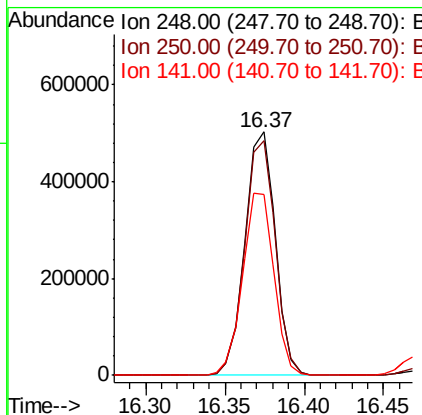
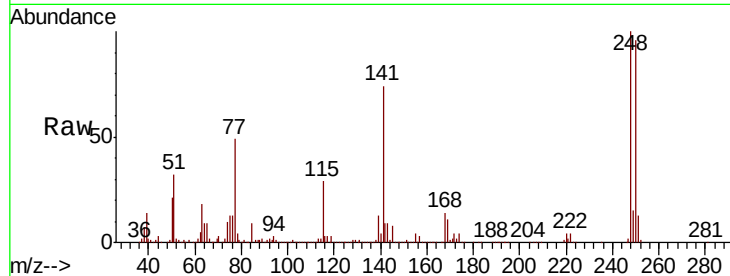




#67
 4-Bromophenyl-phenylether
 Concen: 22.443 ng
 RT: 16.37 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

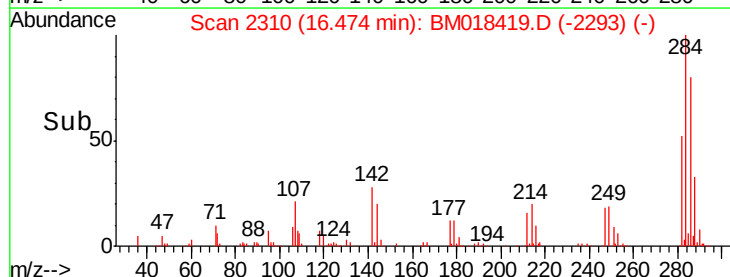
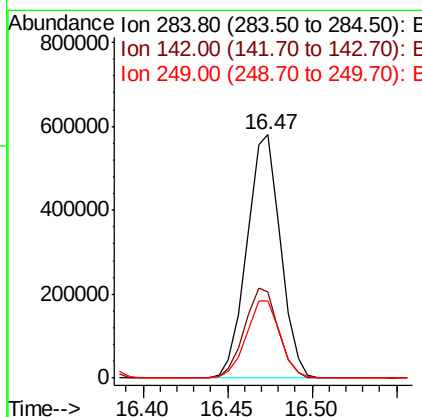
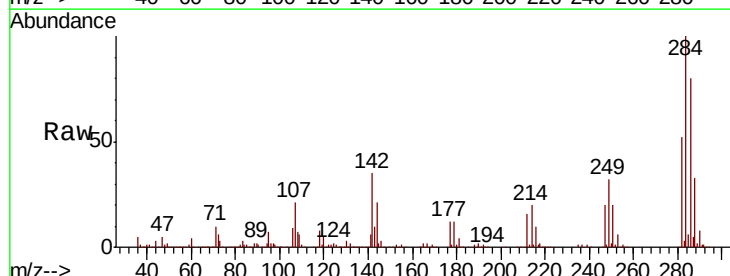
Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

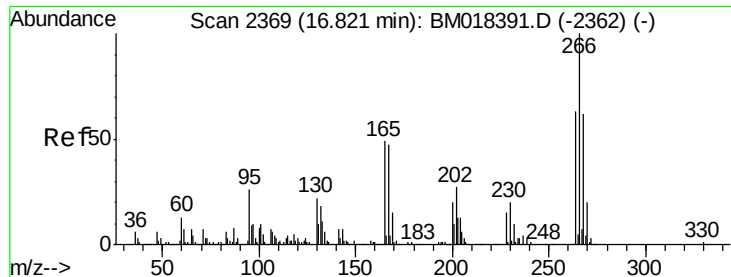
Tgt Ion:248 Resp: 670641
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.0 114.0
 141 74.0 61.5 92.3



#68
 Hexachlorobenzene
 Concen: 23.780 ng
 RT: 16.47 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Tgt Ion:284 Resp: 804942
 Ion Ratio Lower Upper
 284 100
 142 35.3 29.2 43.8
 249 31.9 26.1 39.1





#70

Pentachlorophenol

Concen: 25.575 ng

RT: 16.82 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

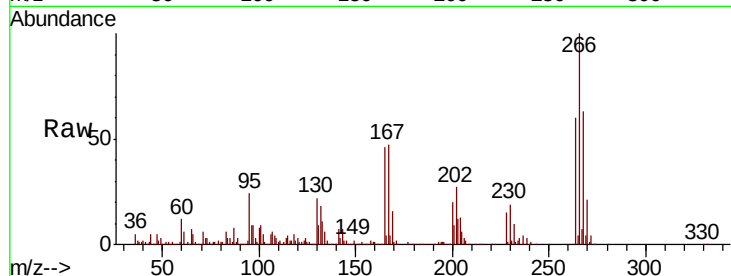
Tgt Ion:266 Resp: 504779

Ion Ratio Lower Upper

266 100

268 62.7 49.8 74.6

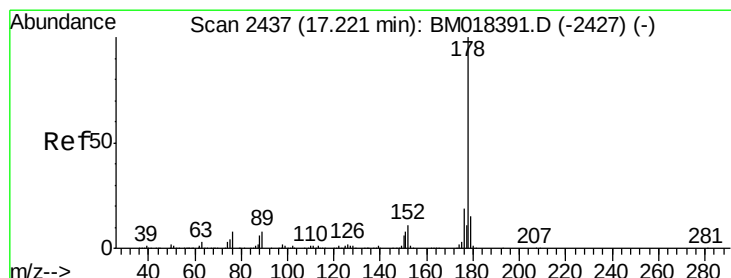
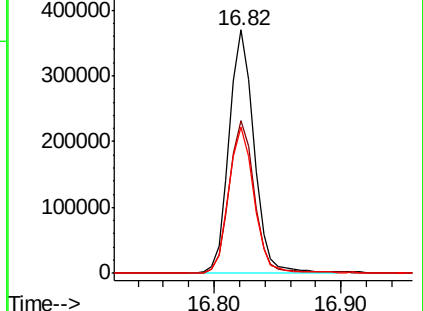
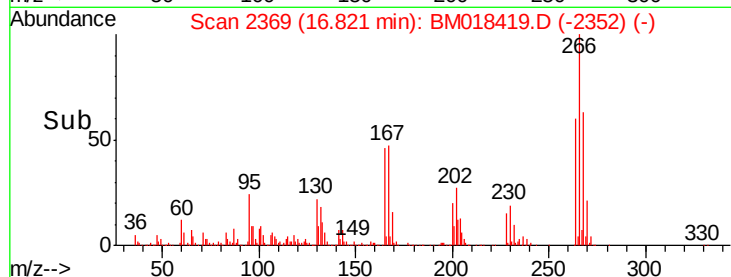
264 60.3 50.1 75.1



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: 26.560 ng

RT: 17.22 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

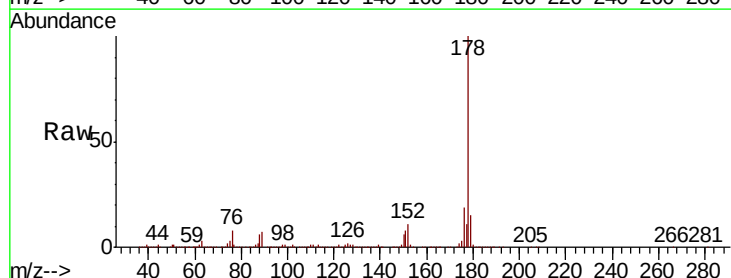
Tgt Ion:178 Resp: 3858055

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

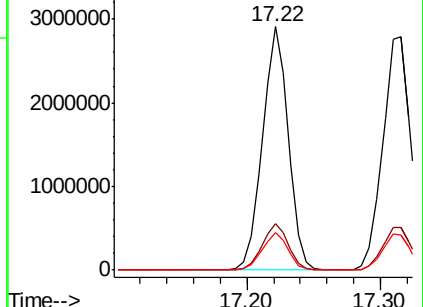
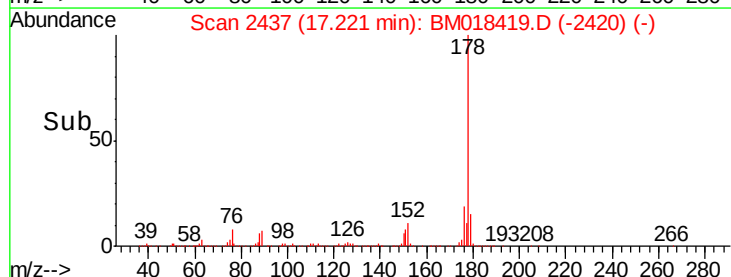
179 15.4 12.2 18.4

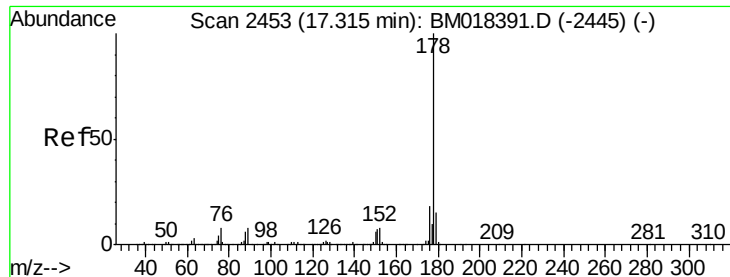


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 27.732 ng

RT: 17.32 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

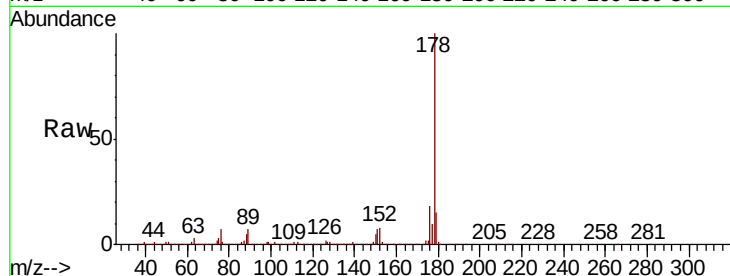
Tgt Ion:178 Resp: 4012866

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

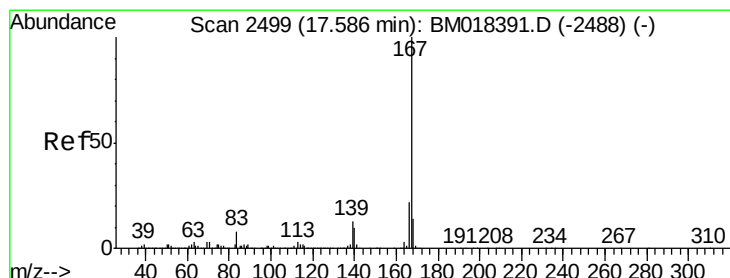
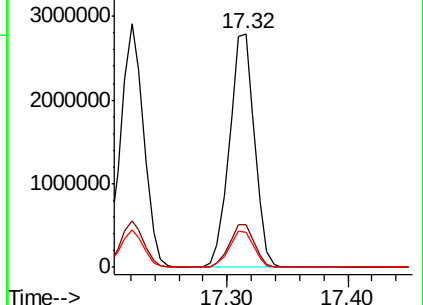
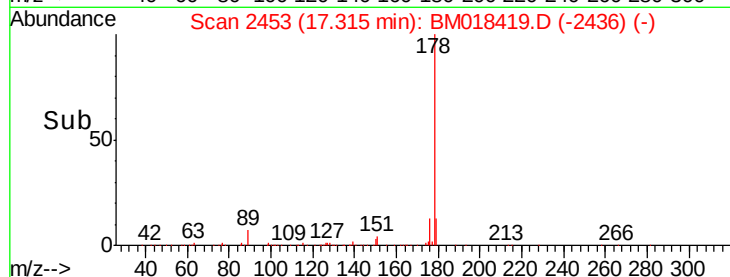
179 15.1 12.2 18.4



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: 27.599 ng

RT: 17.59 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

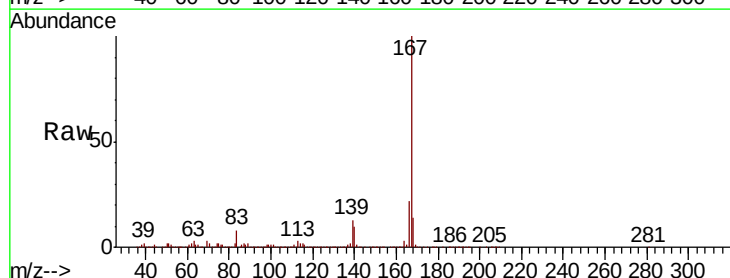
Tgt Ion:167 Resp: 4194229

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

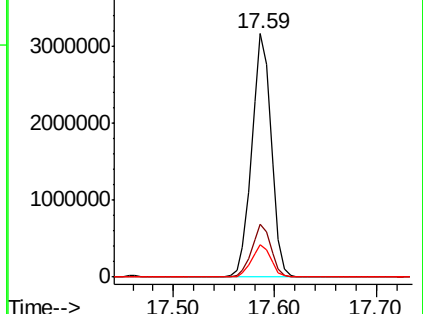
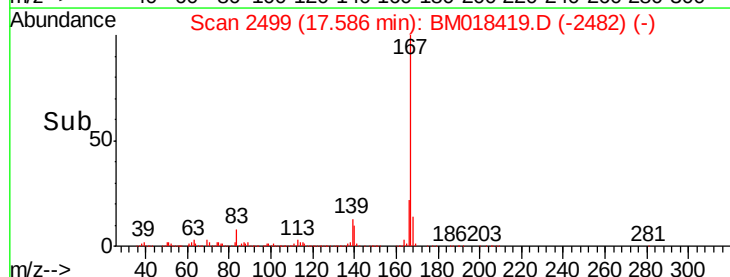
139 13.2 10.6 16.0

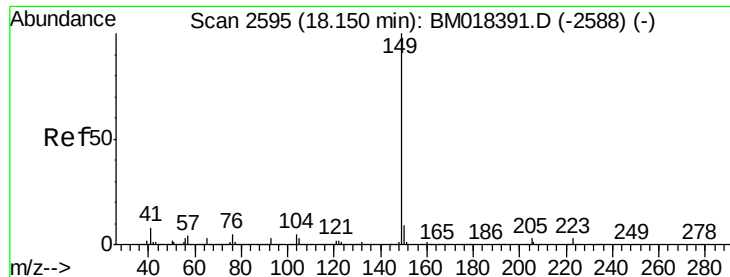


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 29.985 ng

RT: 18.14 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

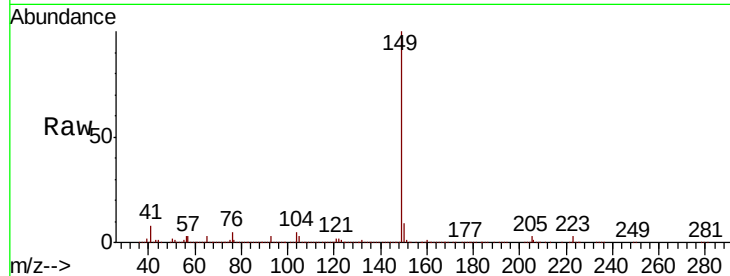
Tgt Ion:149 Resp: 5179066

Ion Ratio Lower Upper

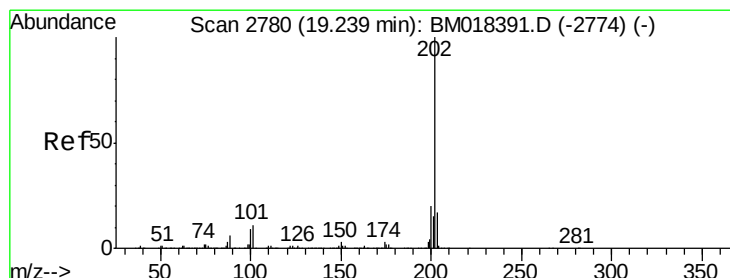
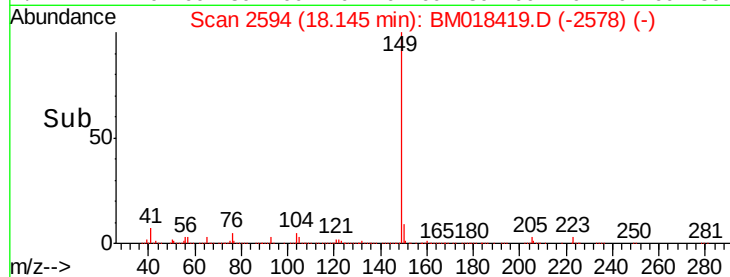
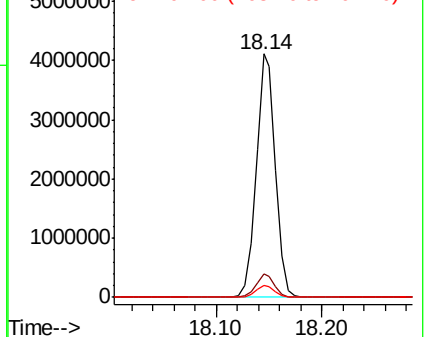
149 100

150 9.4 7.3 10.9

104 5.1 4.2 6.4



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: 29.316 ng

RT: 19.24 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

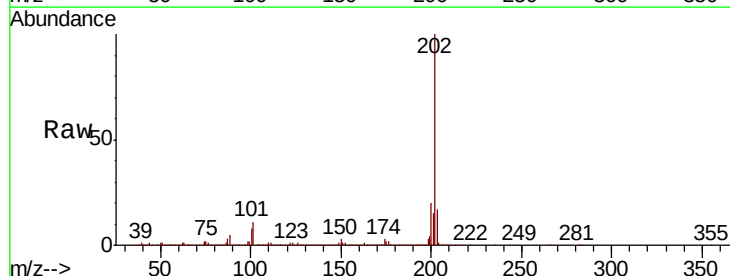
Tgt Ion:202 Resp: 5043168

Ion Ratio Lower Upper

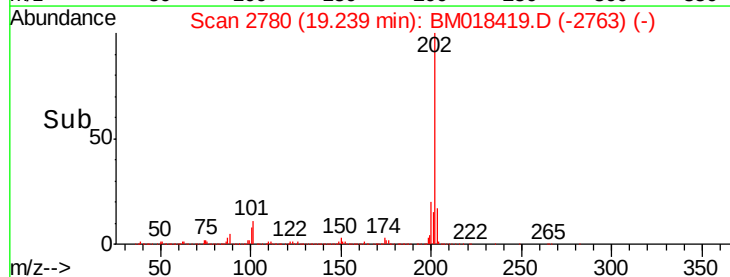
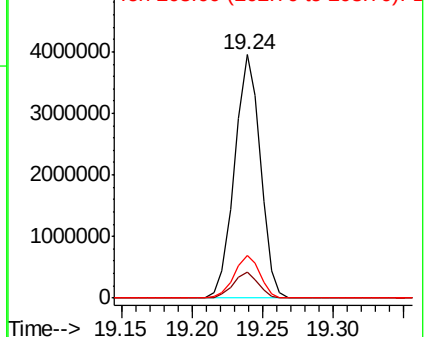
202 100

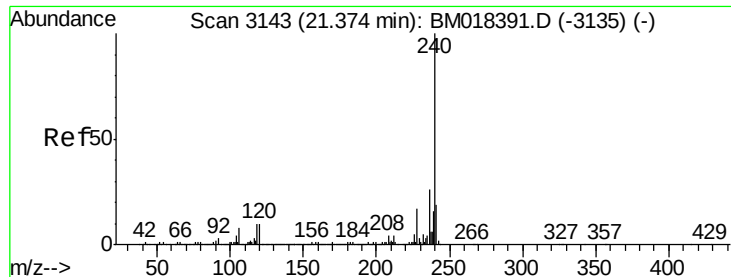
101 10.6 0.0 30.9

203 17.4 0.0 37.4



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

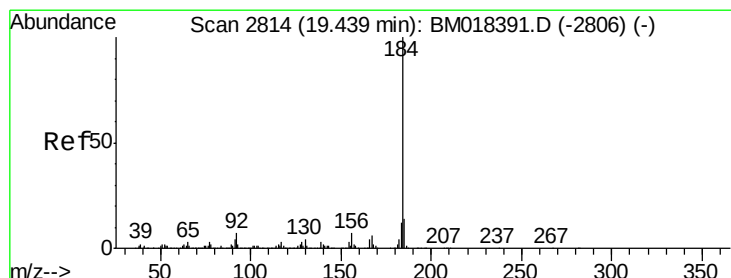
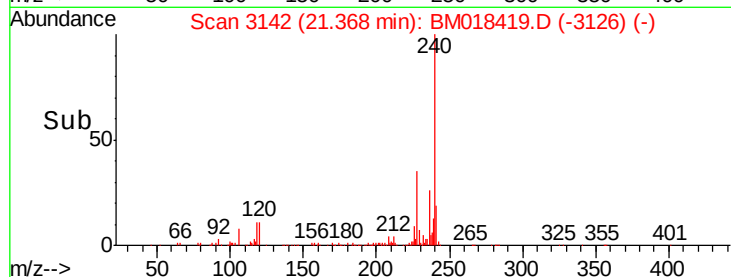
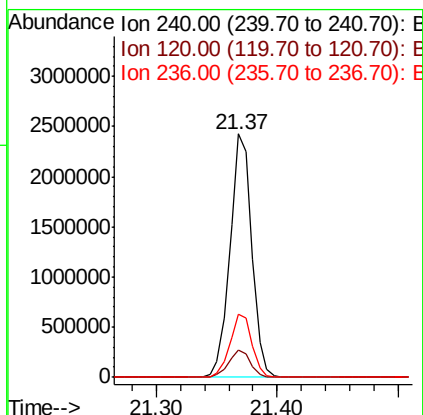
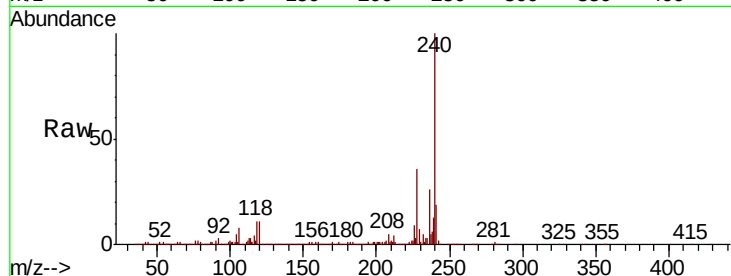




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

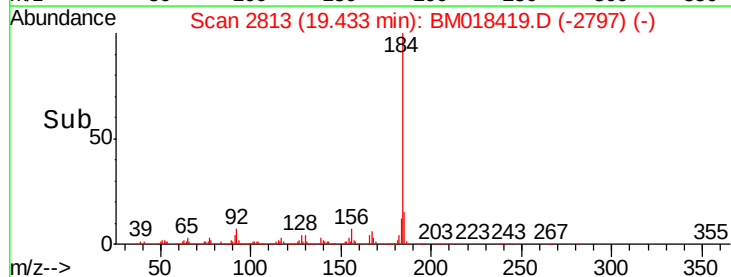
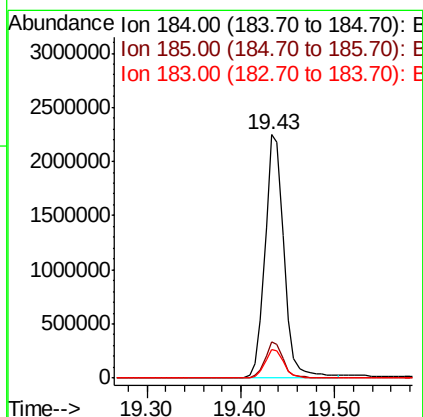
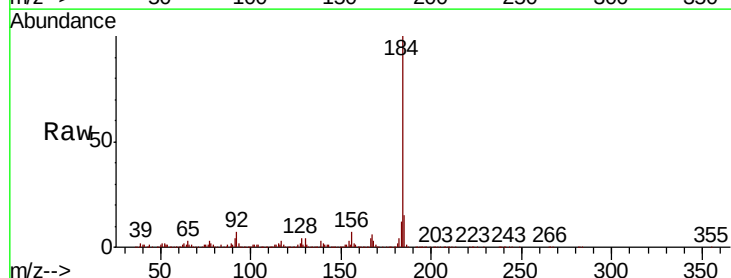
Instrument :
BNA_M
ClientSampleId :
381211744-2MS

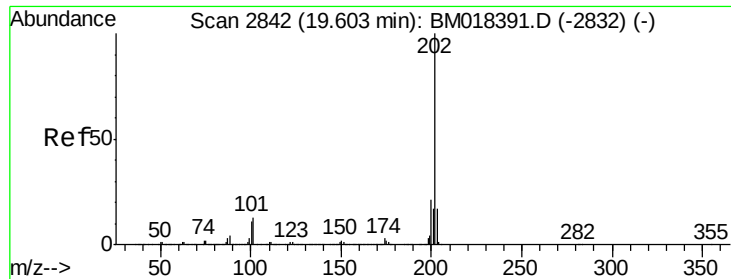
Tgt Ion:240 Resp: 3038905
Ion Ratio Lower Upper
240 100
120 11.0 8.4 12.6
236 26.1 20.7 31.1



#77
Benzidine
Concen: 36.337 ng
RT: 19.43 min Scan# 2813
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion:184 Resp: 3156410
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.0
183 11.9 9.5 14.3

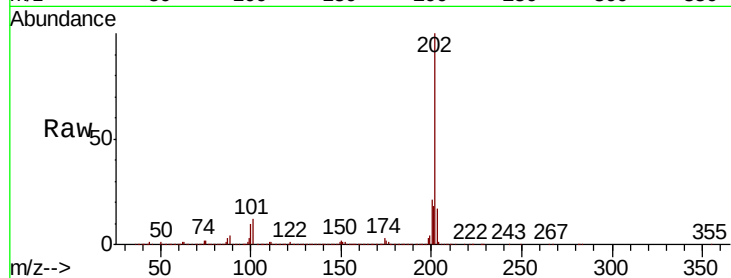




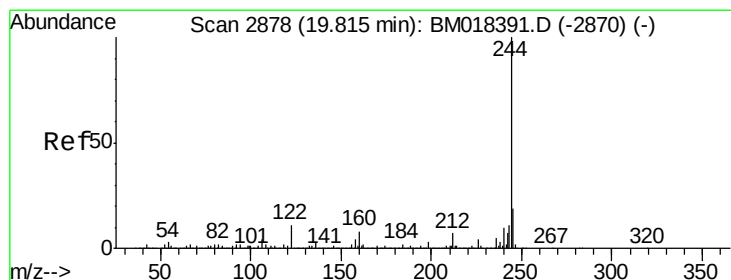
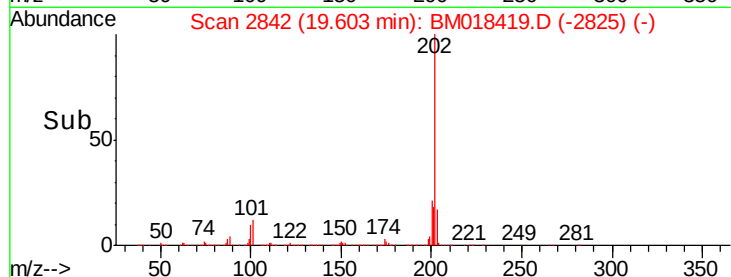
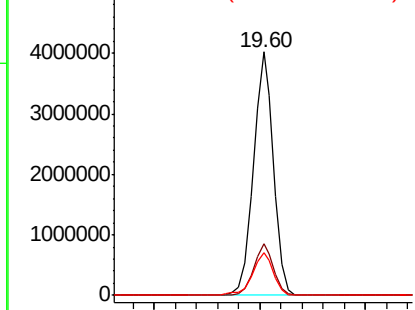
#78
 Pyrene
 Concen: 30.193 ng
 RT: 19.60 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

Tgt Ion:202 Resp: 5325900
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.6 24.8
 203 17.3 13.8 20.8

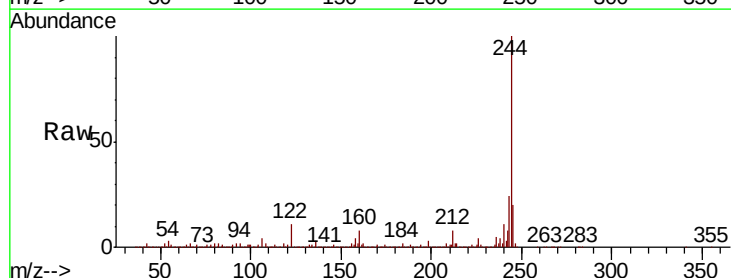


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

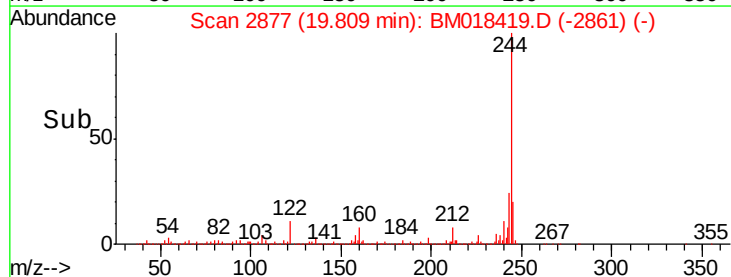
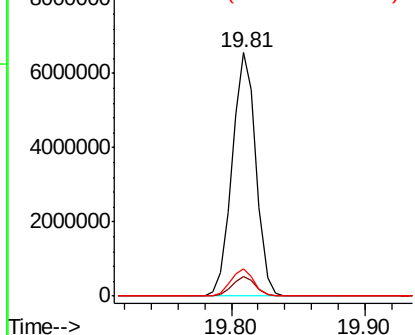


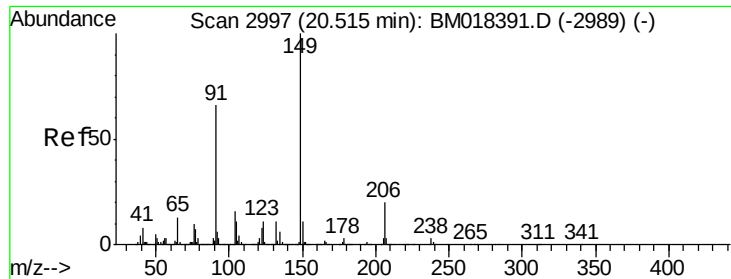
#79
 Terphenyl-d14
 Concen: 56.989 ng
 RT: 19.81 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Tgt Ion:244 Resp: 8127396
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 11.3 9.0 13.4



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

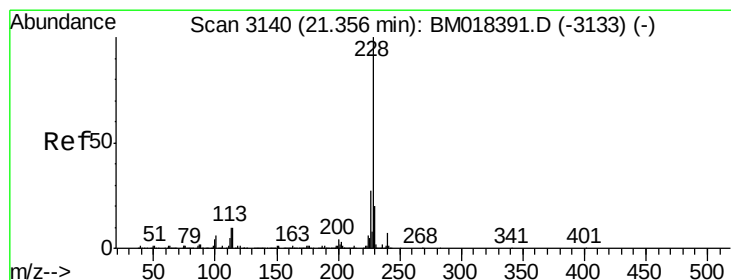
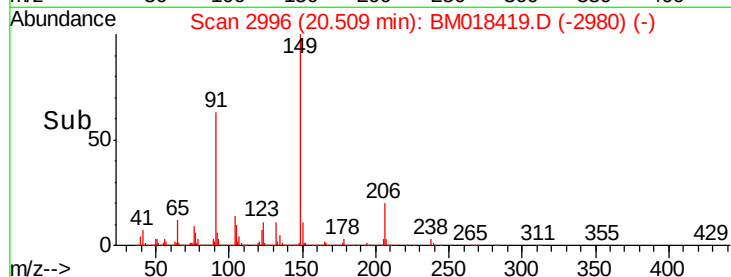
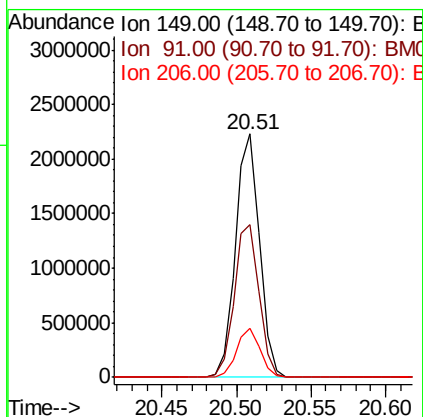
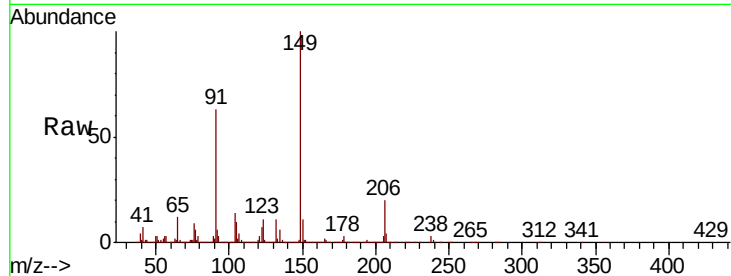




#80
Butylbenzylphthalate
Concen: 33.573 ng
RT: 20.51 min Scan# 2996
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

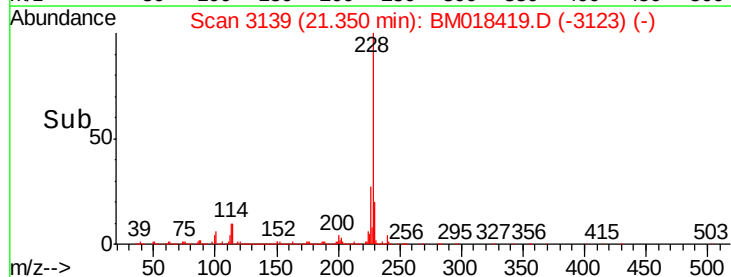
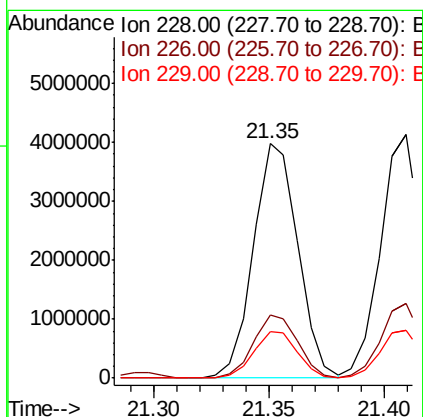
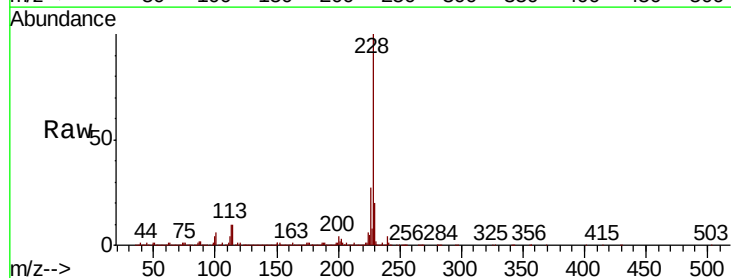
Instrument :
BNA_M
ClientSampleId :
381211744-2MS

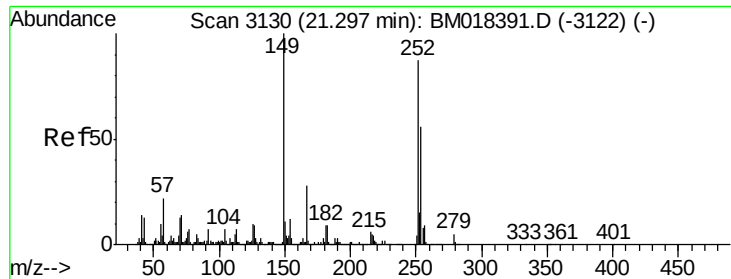
Tgt Ion:149 Resp: 2500434
Ion Ratio Lower Upper
149 100
91 62.8 53.1 79.7
206 20.2 16.2 24.4



#81
Benzo(a)anthracene
Concen: 29.891 ng
RT: 21.35 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion:228 Resp: 5335186
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.6
229 19.8 15.8 23.8

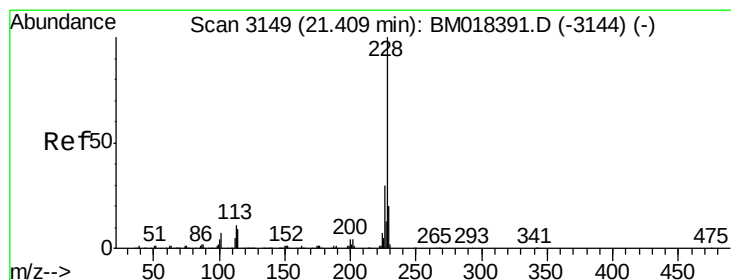
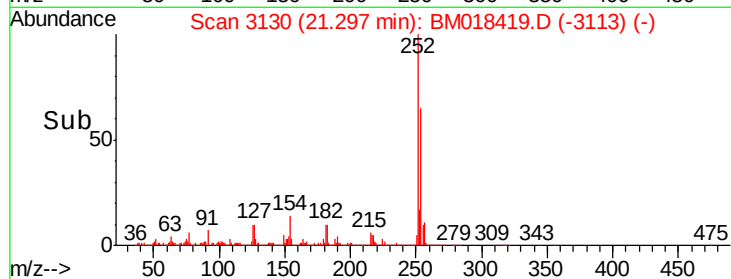
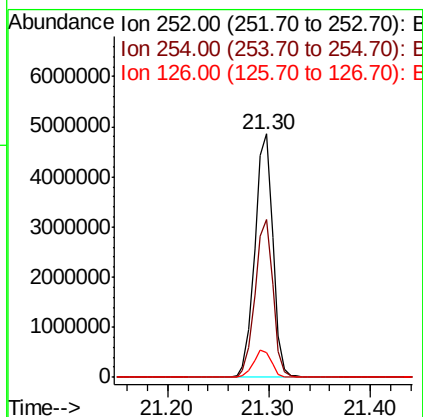
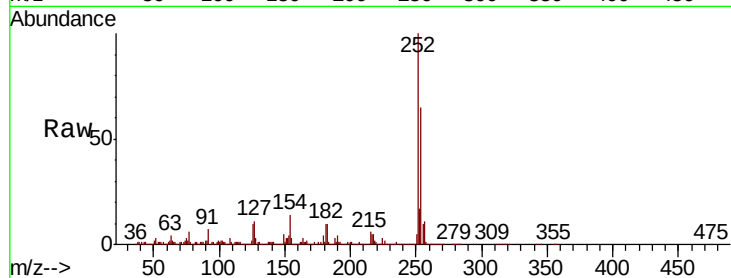




#82
 3,3'-Dichlorobenzidine
 Concen: 87.371 ng
 RT: 21.30 min Scan# 3130
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

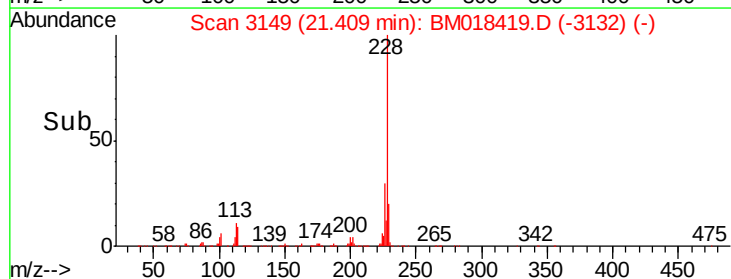
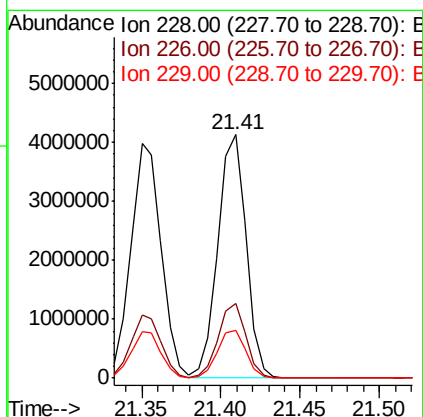
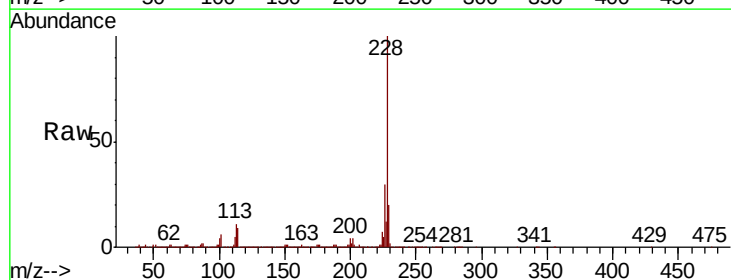
Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

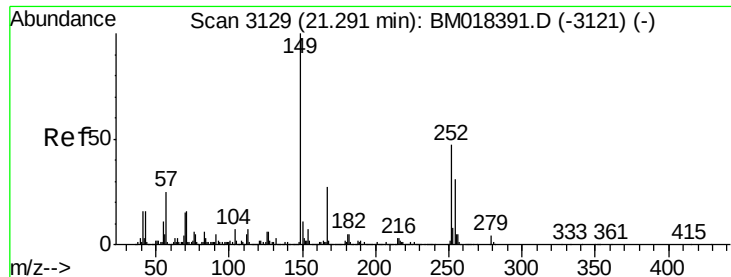
Tgt Ion:252 Resp: 5991303
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.4 77.0
 126 10.4 8.7 13.1



#83
 Chrysene
 Concen: 29.640 ng
 RT: 21.41 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Tgt Ion:228 Resp: 5104041
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.2 36.2
 229 19.9 15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 38.757 ng

RT: 21.28 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

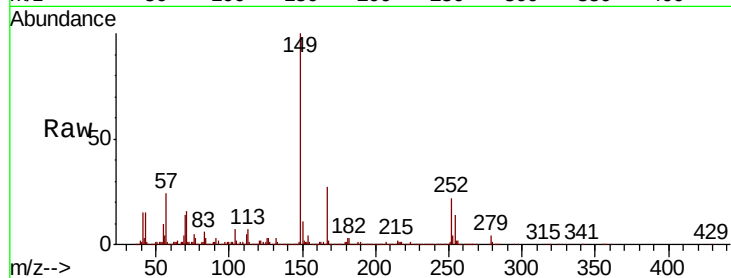
BNA_M

ClientSampleId :

381211744-2MS

Tgt Ion:149 Resp: 4608691

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.6	32.4
279	4.1	3.3	4.9

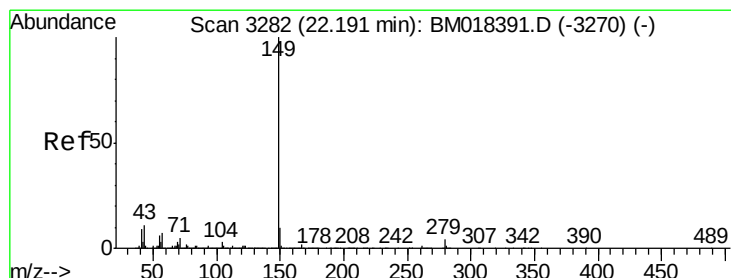
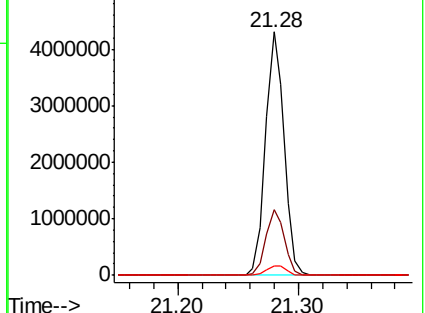
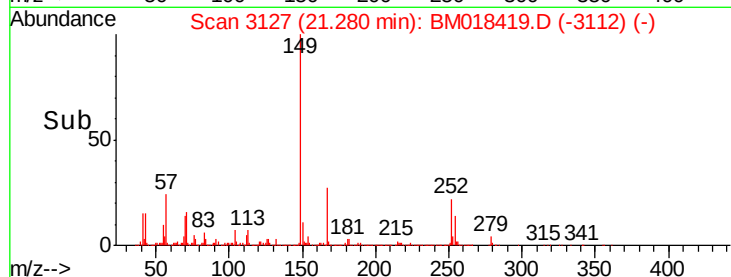


Abundance

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: 32.936 ng

RT: 22.18 min Scan# 3280

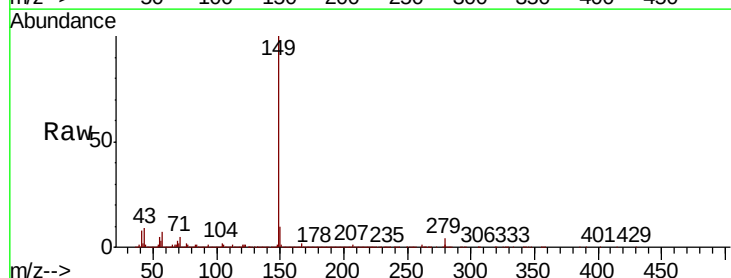
Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Tgt Ion:149 Resp: 6473693

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	8.6	12.8

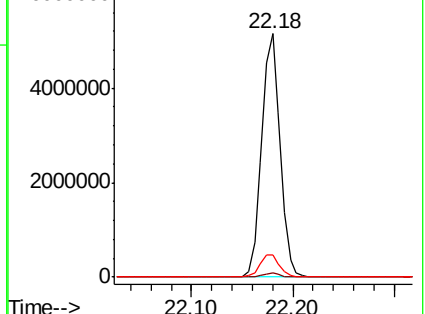
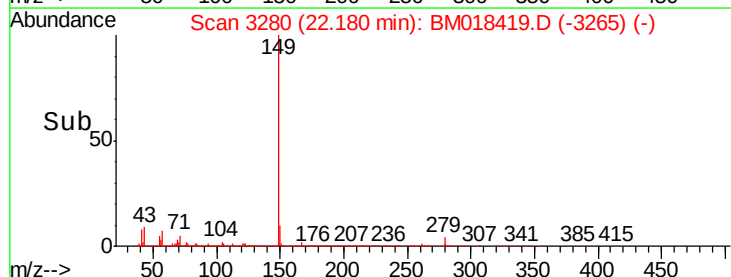


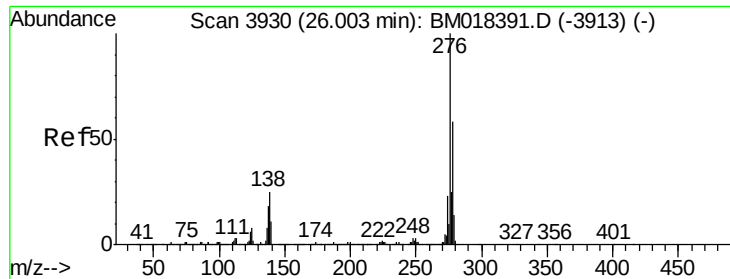
Abundance

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): BM0





#86

Indeno(1,2,3-cd)pyrene

Concen: 25.504 ng

RT: 26.00 min Scan# 3930

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

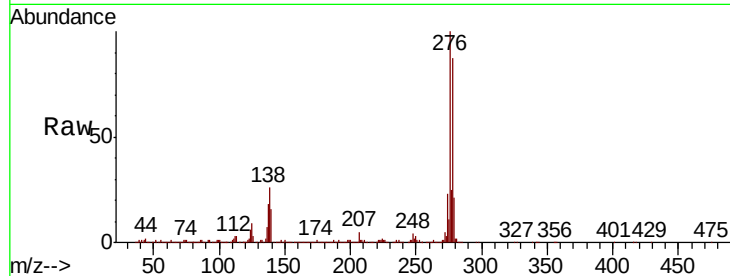
Tgt Ion:276 Resp: 5436265

Ion Ratio Lower Upper

276 100

138 26.1 21.5 32.3

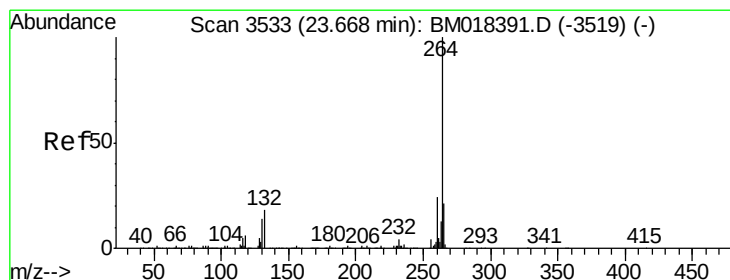
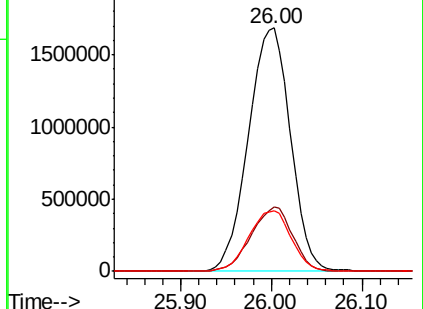
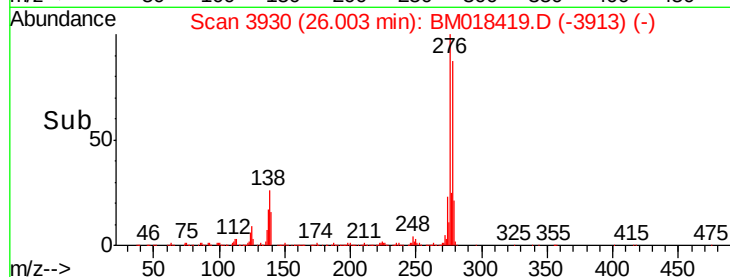
277 25.1 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.66 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

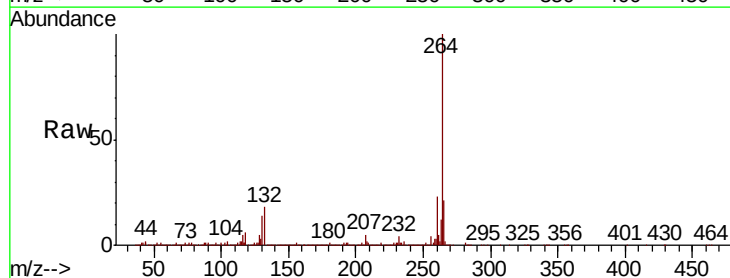
Tgt Ion:264 Resp: 3092986

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

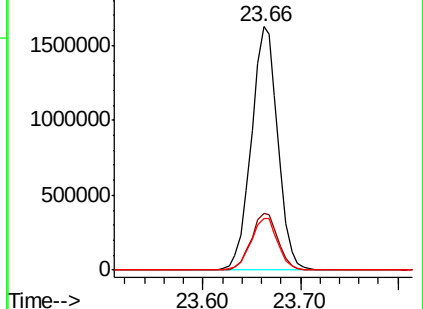
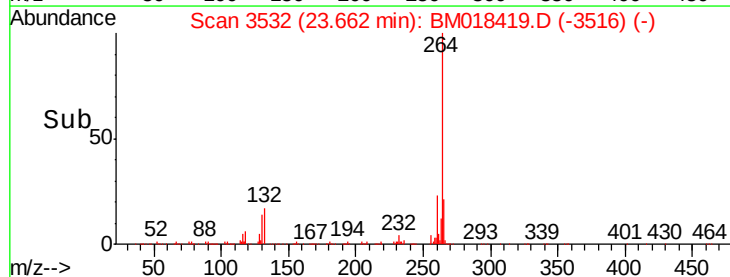
265 21.4 16.8 25.2

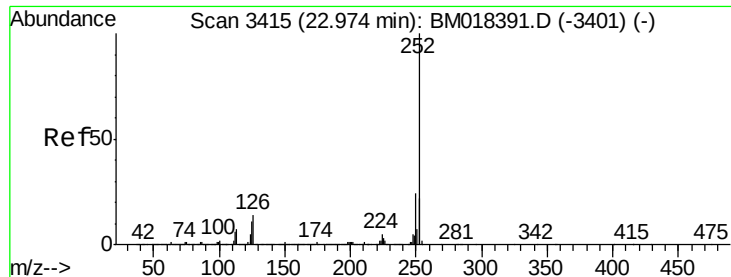


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 31.748 ng

RT: 22.97 min Scan# 3414

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

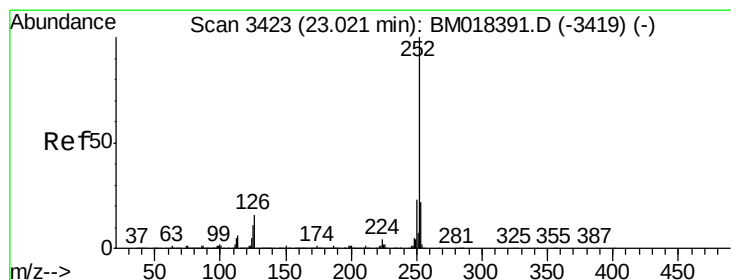
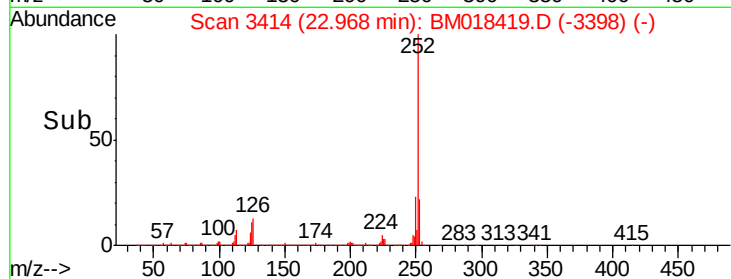
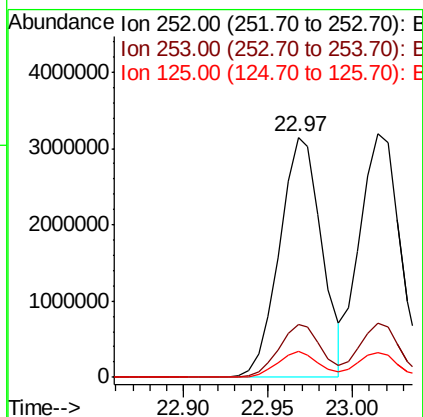
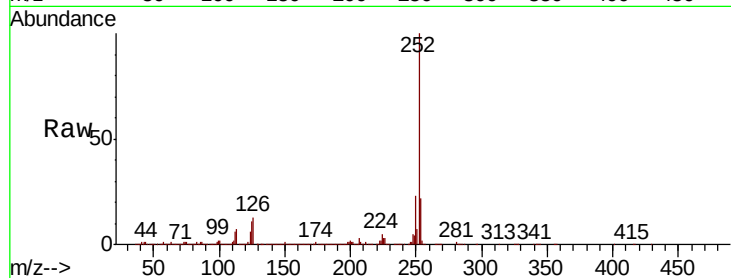
Tgt Ion:252 Resp: 5477031

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.6 8.5 12.7



#89

Benzo(k)fluoranthene

Concen: 30.758 ng

RT: 23.01 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

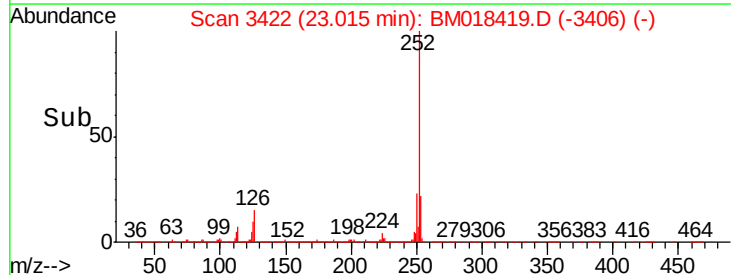
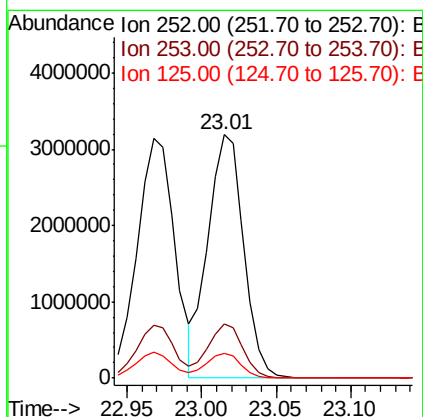
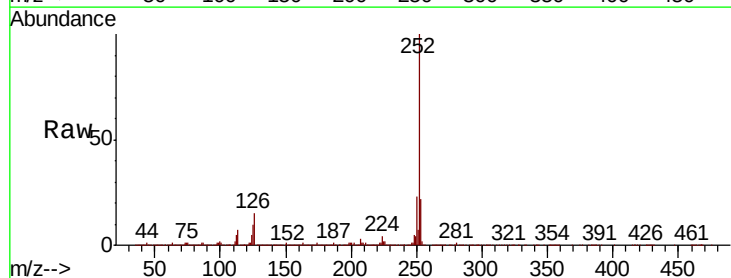
Tgt Ion:252 Resp: 5307183

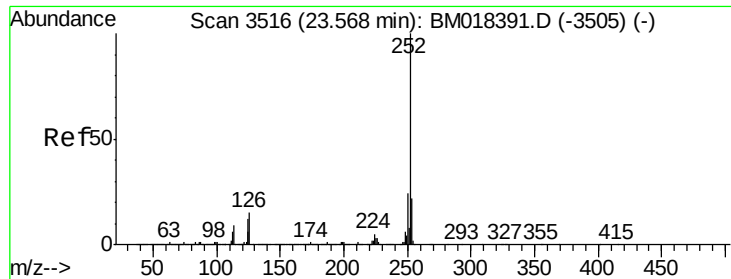
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.4 8.6 12.8





#90

Benzo(a)pyrene

Concen: 29.867 ng

RT: 23.56 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

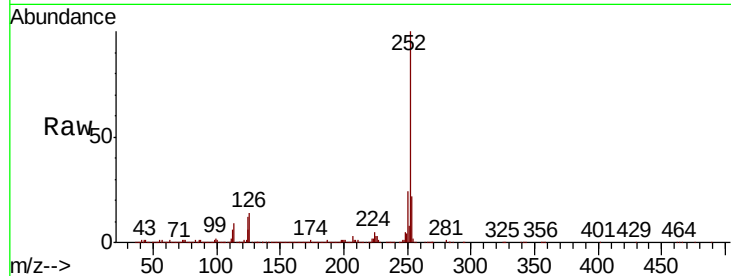
Tgt Ion:252 Resp: 4949633

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

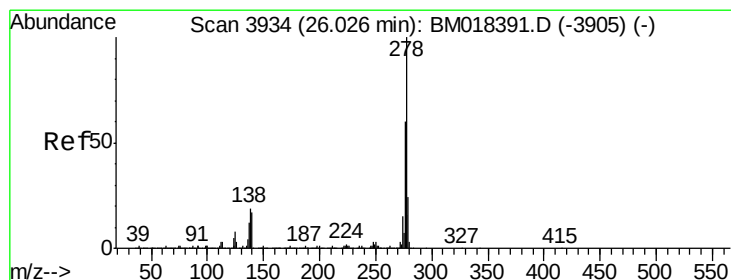
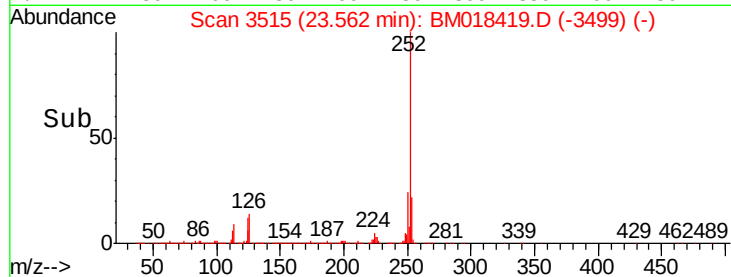
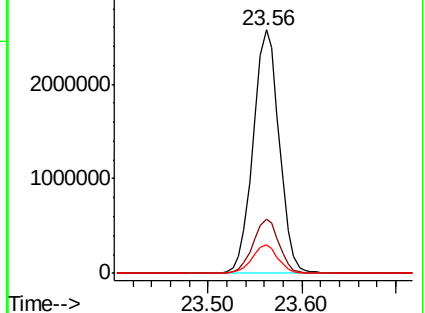
125 11.7 9.7 14.5



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: 27.215 ng

RT: 26.01 min Scan# 3932

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

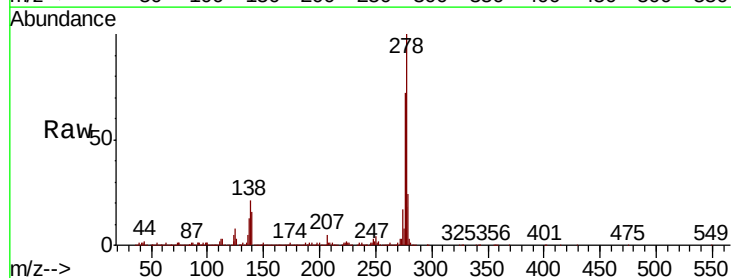
Tgt Ion:278 Resp: 4696825

Ion Ratio Lower Upper

278 100

139 16.5 13.2 19.8

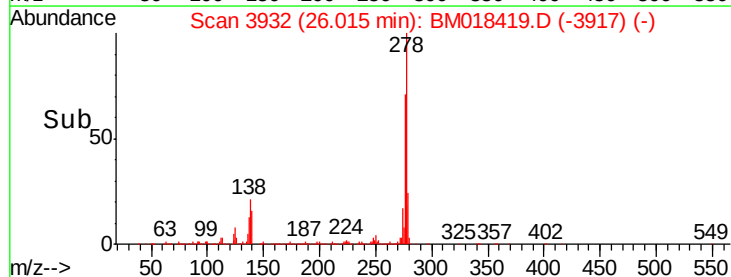
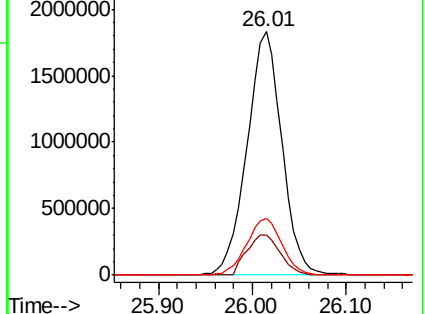
279 23.5 19.0 28.4

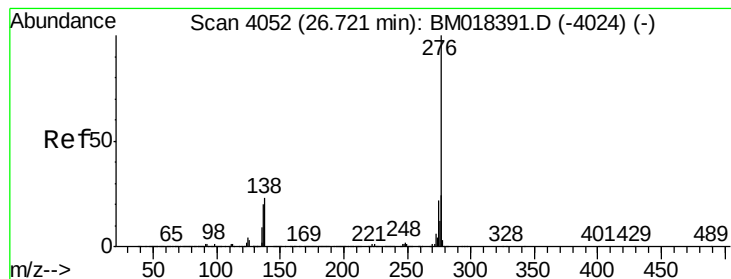


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 25.070 ng

RT: 26.71 min Scan# 4051

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

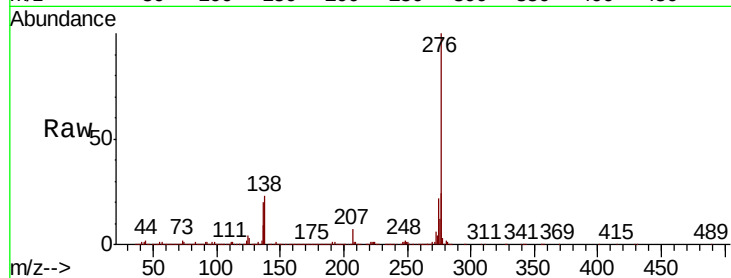
Tgt Ion: 276 Resp: 4142870

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 23.0 18.1 27.1



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

