

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\
 Data File : BM018708.D
 Acq On : 01 Feb 2019 16:17
 Operator : JU/SJ
 Sample : K1297-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C17-SSIMS

Quant Time: Feb 01 17:13:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	212132	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	802828	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	422343	20.00	ng	-0.02
64) Phenanthrene-d10	17.12	188	955020	20.00	ng	-0.02
76) Chrysene-d12	21.32	240	1134963	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1193014	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	1112216	96.81	ng	-0.02
7) Phenol-d6	6.90	99	1408560	96.53	ng	-0.01
23) Nitrobenzene-d5	8.89	82	843125	60.88	ng	-0.02
42) 2,4,6-Tribromophenol	15.87	330	530981	98.74	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	1876172	57.97	ng	-0.02
79) Terphenyl-d14	19.76	244	3209166	59.61	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	126438	27.003	ng	99
3) Pyridine	3.66	79	332324	28.467	ng	97
4) n-Nitrosodimethylamine	3.58	42	170669	35.355	ng	# 94
6) Aniline	7.06	93	448964	27.583	ng	99
8) 2-Chlorophenol	7.29	128	458598	34.179	ng	97
9) Benzaldehyde	6.88	77	254837	27.907	ng	98
10) Phenol	6.92	94	601929	40.596	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	374536	32.147	ng	96
12) 1,3-Dichlorobenzene	7.60	146	500969	31.352	ng	98
13) 1,4-Dichlorobenzene	7.76	146	510461	31.519	ng	99
14) 1,2-Dichlorobenzene	8.07	146	489737	31.890	ng	99
15) Benzyl Alcohol	7.97	79	354056	33.595	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	497939	33.443	ng	97
17) 2-Methylphenol	8.16	107	349909	34.766	ng	100
18) Hexachloroethane	8.79	117	168920	29.253	ng	96
19) n-Nitroso-di-n-propylamine	8.53	70	294147	30.976	ng	94
20) 3+4-Methylphenols	8.49	107	468115	33.691	ng	98
22) Acetophenone	8.55	105	613499	30.891	ng	# 96
24) Nitrobenzene	8.93	77	438425	32.175	ng	97
25) Isophorone	9.45	82	767056	36.577	ng	98
26) 2-Nitrophenol	9.63	139	234928	35.656	ng	97
27) 2,4-Dimethylphenol	9.69	122	377738	38.249	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	486302	33.568	ng	99
29) 2,4-Dichlorophenol	10.16	162	406679	34.582	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	457351	31.333	ng	99
31) Naphthalene	10.56	128	1362068	35.228	ng	100
32) Benzoic acid	9.77	122	32895	10.779	ng	98
33) 4-Chloroaniline	10.69	127	290185	19.057	ng	98
34) Hexachlorobutadiene	10.83	225	265955	28.841	ng	99
35) Caprolactam	11.49	113	108120	27.042	ng	91
36) 4-Chloro-3-methylphenol	11.80	107	406694	32.964	ng	99
37) 2-Methylnaphthalene	12.17	142	958103	35.073	ng	100
38) 1-Methylnaphthalene	12.40	142	900219	34.058	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	482241	32.652	ng	99

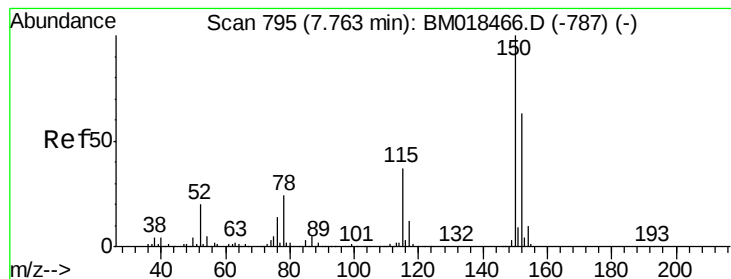
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\
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 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	277586	34.246	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	323261	36.043	ng	99
44) 2,4,5-Trichlorophenol	12.87	196	336787	35.705	ng	97
46) 1,1'-Biphenyl	13.20	154	1163790	31.559	ng	99
47) 2-Chloronaphthalene	13.24	162	912827	31.921	ng	100
48) 2-Nitroaniline	13.46	65	244281	34.722	ng	93
49) Acenaphthylene	14.09	152	1442915	34.624	ng	100
50) Dimethylphthalate	13.83	163	1296622	37.382	ng	100
51) 2,6-Dinitrotoluene	13.96	165	240159	32.687	ng	90
52) Acenaphthene	14.43	154	943808	37.014	ng	97
53) 3-Nitroaniline	14.29	138	205506	27.744	ng	98
54) 2,4-Dinitrophenol	14.50	184	73010	23.905	ng	93
55) Dibenzofuran	14.77	168	1482201	35.181	ng	99
56) 4-Nitrophenol	14.60	139	446944	69.845	ng	97
57) 2,4-Dinitrotoluene	14.75	165	328219	31.573	ng	98
58) Fluorene	15.42	166	1299007	41.390	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.00	232	310271	37.110	ng	97
60) Diethylphthalate	15.20	149	1104191	31.534	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	534693	29.560	ng	98
62) 4-Nitroaniline	15.46	138	223307	27.639	ng	94
63) Azobenzene	15.71	77	884918	30.997	ng	96
65) 4,6-Dinitro-2-methylphenol	15.51	198	83769	17.608	ng	95
66) n-Nitrosodiphenylamine	15.64	169	936370	31.608	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	324411	30.355	ng	99
68) Hexachlorobenzene	16.42	284	365191	30.524	ng	99
69) Atrazine	16.59	200	335568	31.333	ng	98
70) Pentachlorophenol	16.77	266	489199	62.433	ng	99
71) Phenanthrene	17.17	178	5807103	114.319	ng	100
72) Anthracene	17.26	178	2810330	57.533	ng	100
73) Carbazole	17.53	167	2310308	46.036	ng	100
74) Di-n-butylphthalate	18.09	149	1918872	34.907	ng	99
75) Fluoranthene	19.19	202	7398409	126.327	ng	98
78) Pyrene	19.56	202	6418459	95.407	ng	99
80) Butylbenzylphthalate	20.46	149	992619	34.578	ng	94
81) Benzo(a)anthracene	21.30	228	4732894	70.786	ng	99
82) 3,3'-Dichlorobenzidine	21.24	252	517104	20.452	ng	99
83) Chrysene	21.36	228	4392874	68.037	ng	98
84) Bis(2-ethylhexyl)phthalate	21.22	149	1519541	36.657	ng	100
85) Di-n-octyl phthalate	22.11	149	2608616	37.415	ng	95
86) Indeno(1,2,3-cd)pyrene	25.89	276	3680194	49.431	ng	96
88) Benzo(b)fluoranthene	22.91	252	4876795	72.003	ng	99
89) Benzo(k)fluoranthene	22.95	252	3147559	46.113	ng	98
90) Benzo(a)pyrene	23.49	252	4065329	62.696	ng	98
91) Dibenzo(a,h)anthracene	25.90	278	2480895	37.760	ng	99
92) Benzo(g,h,i)perylene	26.60	276	3156616	49.372	ng	98

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

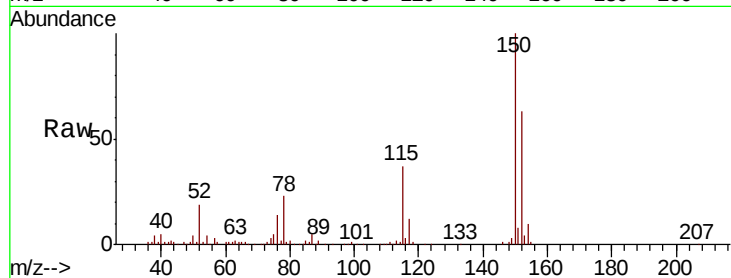


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.9	190.3
115	59.0	45.5	68.3

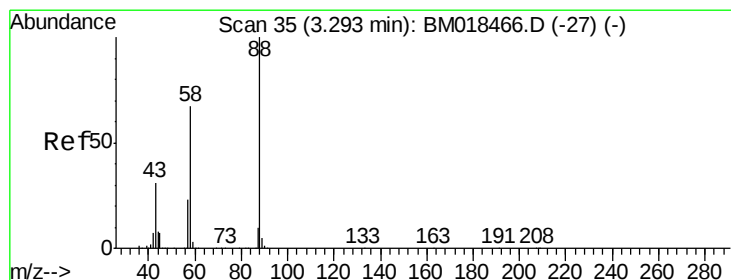
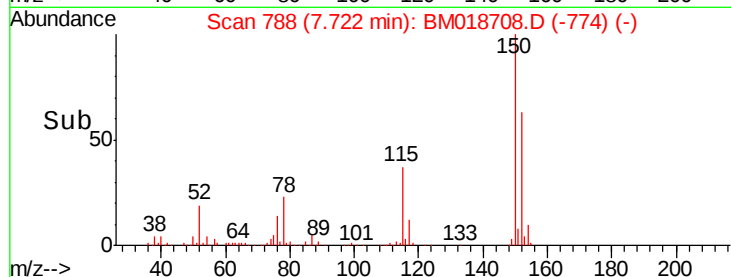
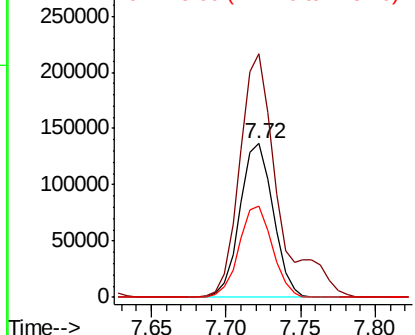


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

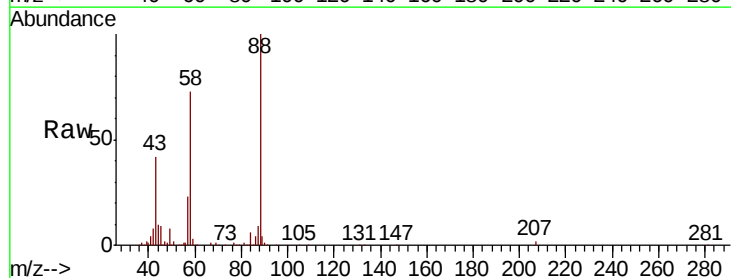
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.003 ng
RT: 3.26 min Scan# 29
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.3	58.4	87.6
43	32.8	26.2	39.4

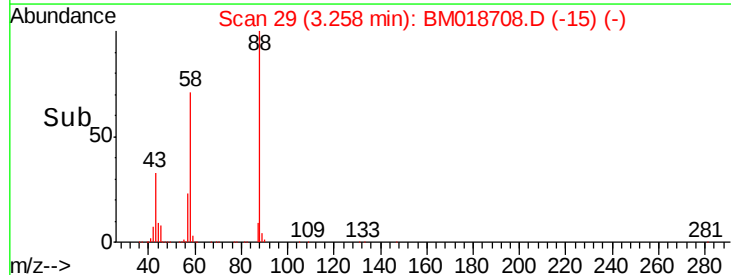
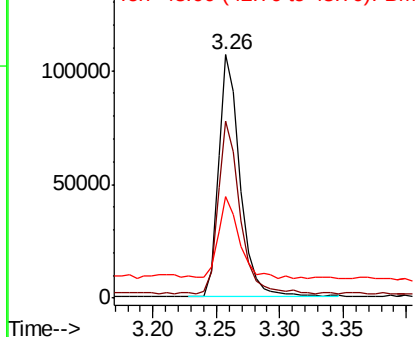


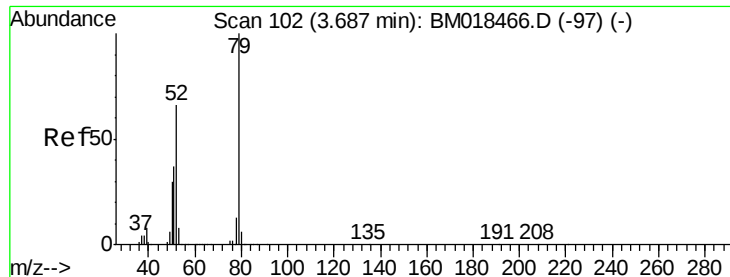
Abundance

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: 28.467 ng

RT: 3.66 min Scan# 97

Delta R.T. -0.01 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

BNA_F

ClientSampleId :

A0C17-SSIMS

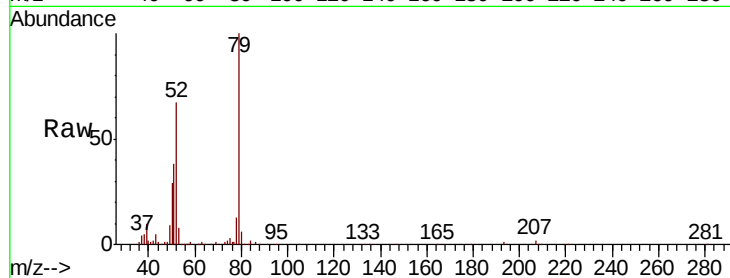
Tot Ion: 79 Resp: 332324

Ion Ratio Lower Upper

79 100

52 67.3 56.4 84.6

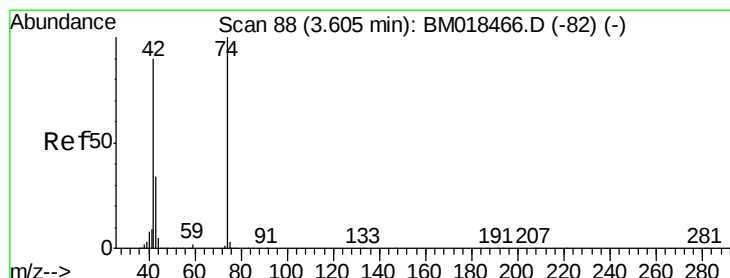
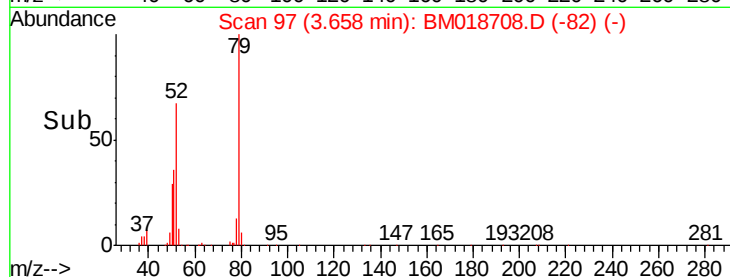
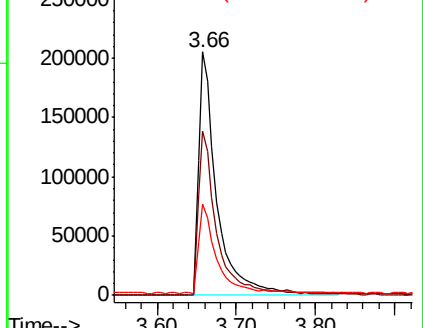
51 37.6 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018466.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 35.355 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

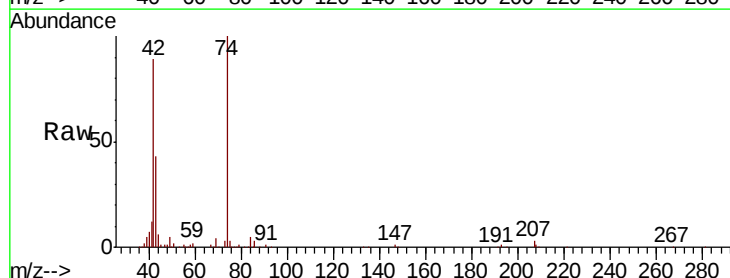
Tgt Ion: 42 Resp: 170669

Ion Ratio Lower Upper

42 100

74 112.7 88.6 132.8

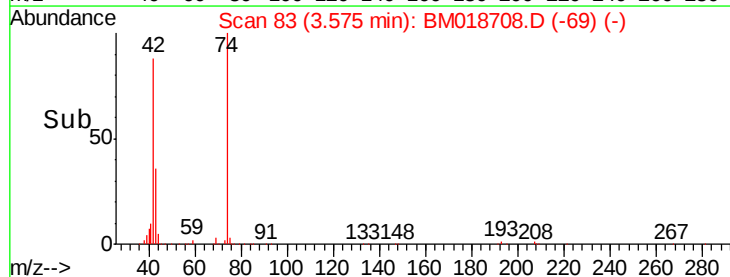
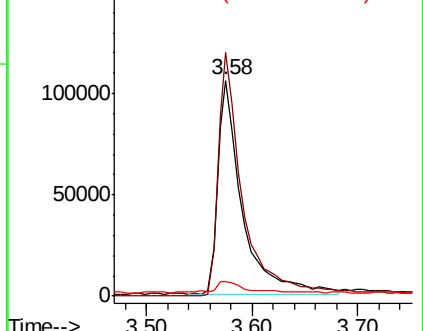
44 7.0 16.9 25.3#

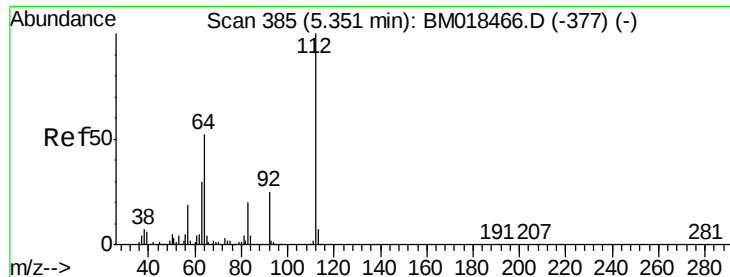


Abundance Ion 42.00 (41.70 to 42.70): BM018466.D (-82) (-)

Ion 74.00 (73.70 to 74.70): BM018466.D (-82) (-)

Ion 44.00 (43.70 to 44.70): BM018466.D (-82) (-)





#5

2-Fluorophenol

Concen: 96.812 ng

RT: 5.31 min Scan# 378

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

BNA_F

ClientSampleId :

A0C17-SSIMS

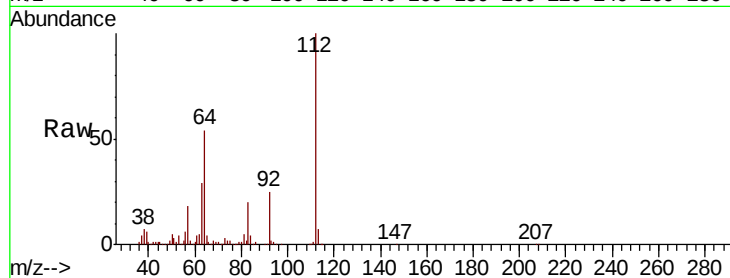
Tot Ion:112 Resp: 1112216

Ion Ratio Lower Upper

112 100

64 53.8 46.5 69.7

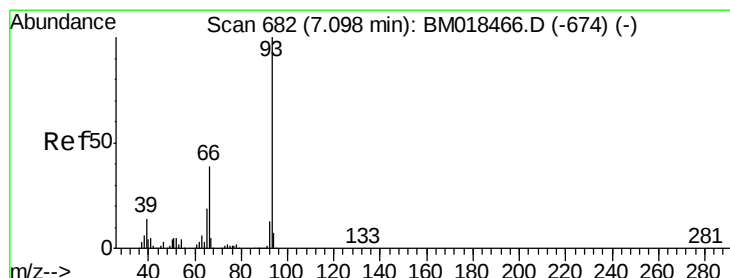
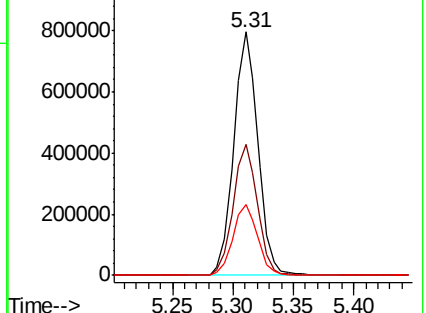
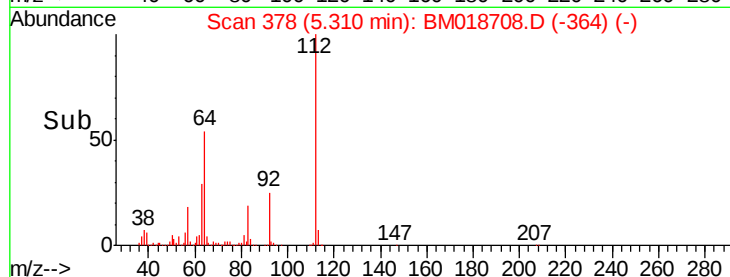
63 29.0 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 27.583 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

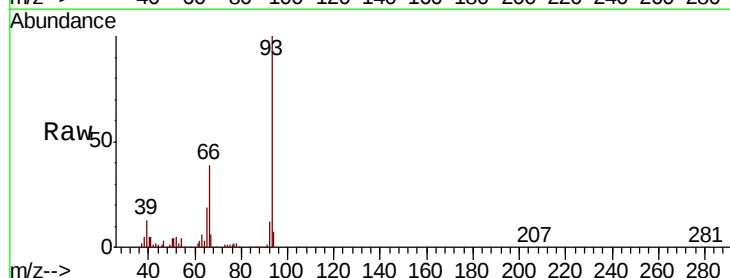
Tgt Ion: 93 Resp: 448964

Ion Ratio Lower Upper

93 100

66 38.6 31.7 47.5

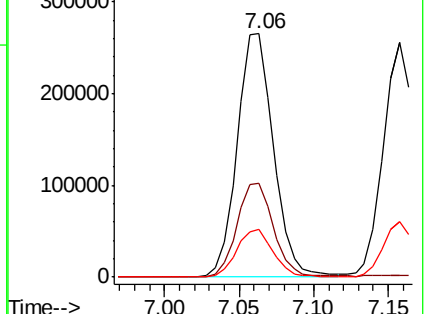
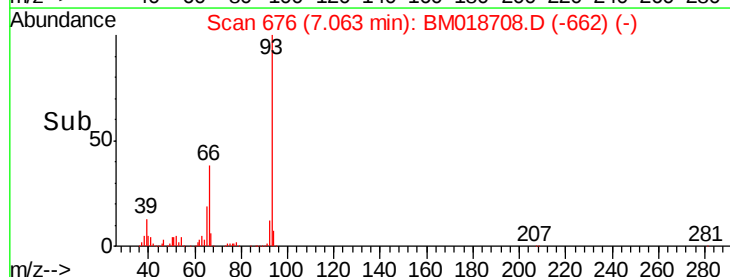
65 19.4 15.9 23.9

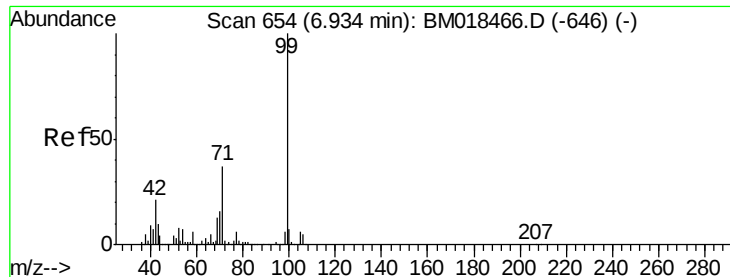


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 96.532 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

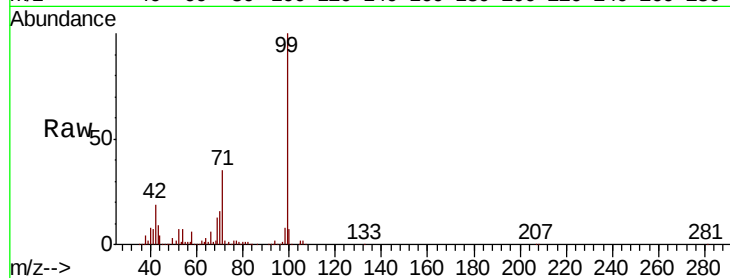
BNA_F

ClientSampleId :

A0C17-SSIMS

Tot Ion: 99 Resp: 1408560

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.3	25.9
71	34.7	28.0	42.0

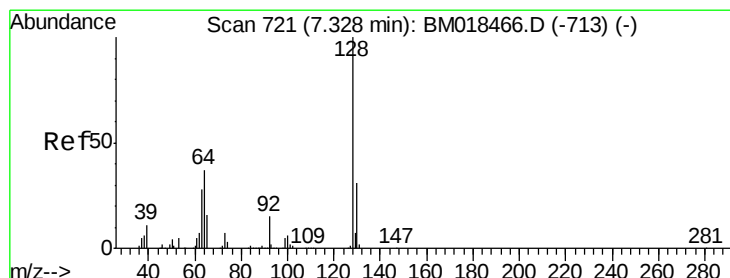
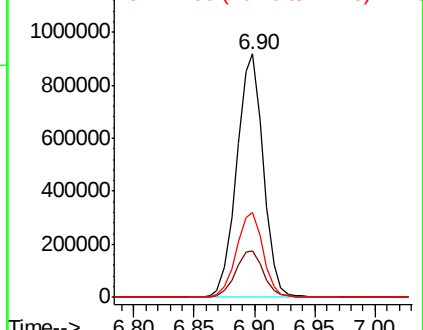
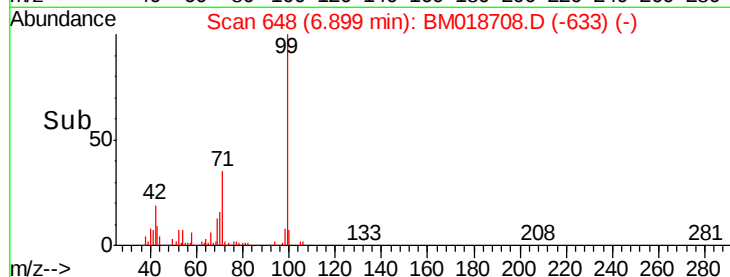


Abundance

Ion 99.00 (98.70 to 99.70): BM018708.D (-633) (-)

Ion 42.00 (41.70 to 42.70): BM018708.D (-633) (-)

Ion 71.00 (70.70 to 71.70): BM018708.D (-633) (-)



#8

2-Chlorophenol

Concen: 34.179 ng

RT: 7.29 min Scan# 714

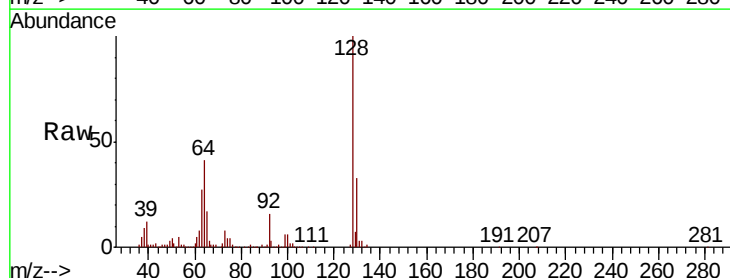
Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Tgt Ion: 128 Resp: 458598

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.6	53.6
64	41.4	24.8	64.8

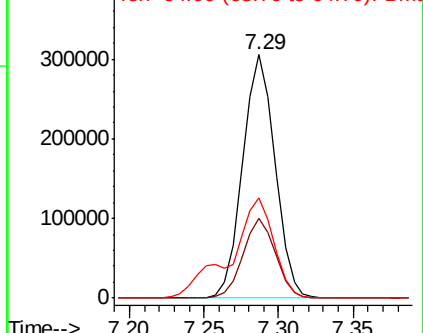
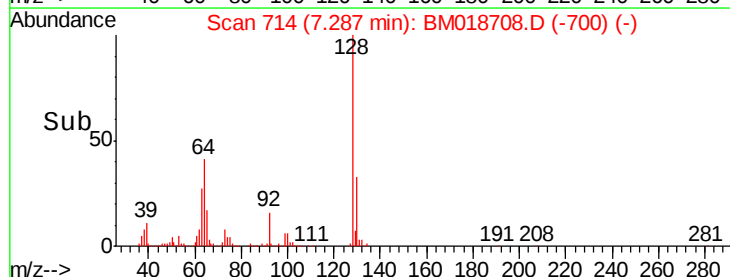


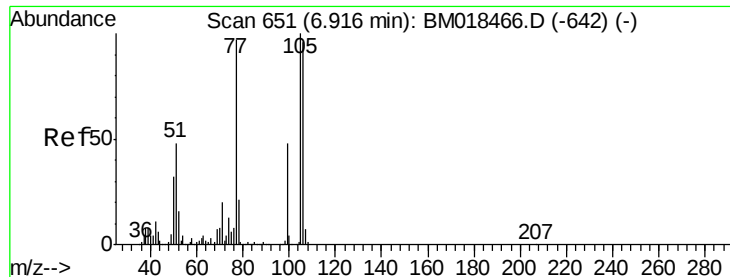
Abundance

Ion 128.00 (127.70 to 128.70): BM018708.D (-700) (-)

Ion 130.00 (129.70 to 130.70): BM018708.D (-700) (-)

Ion 64.00 (63.70 to 64.70): BM018708.D (-700) (-)





#9

Benzaldehyde

Concen: 27.907 ng

RT: 6.88 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

BNA_F

ClientSampleId :

A0C17-SSIMS

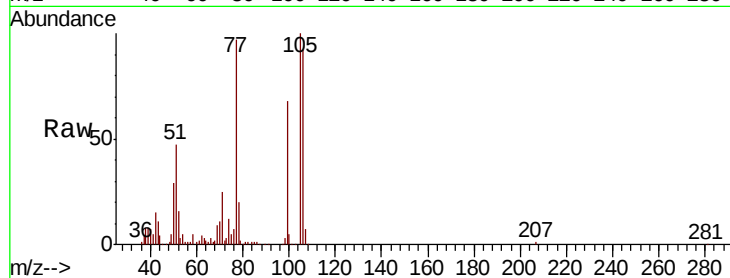
Tot Ion: 77 Resp: 254837

Ion Ratio Lower Upper

77 100

105 103.3 79.7 119.7

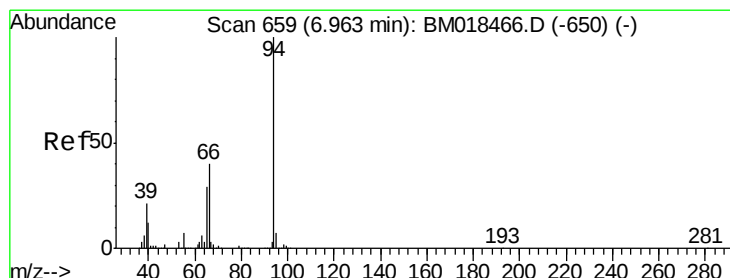
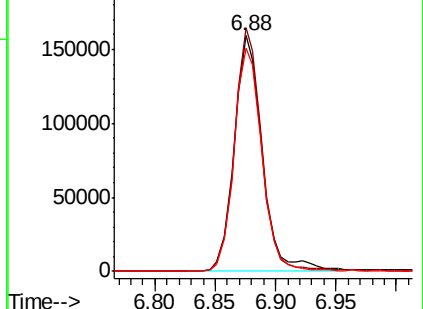
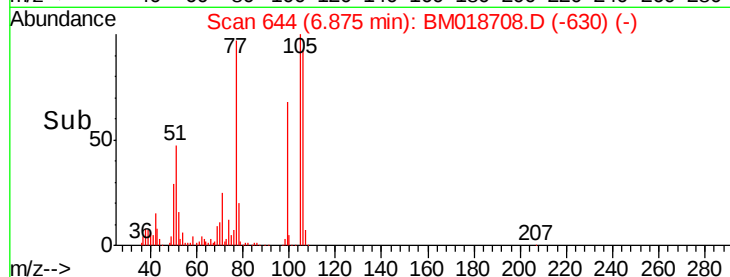
106 94.7 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018708.D (-630) (-)

Ion 105.00 (104.70 to 105.70): BM018708.D (-630) (-)

Ion 106.00 (105.70 to 106.70): BM018708.D (-630) (-)



#10

Phenol

Concen: 40.596 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

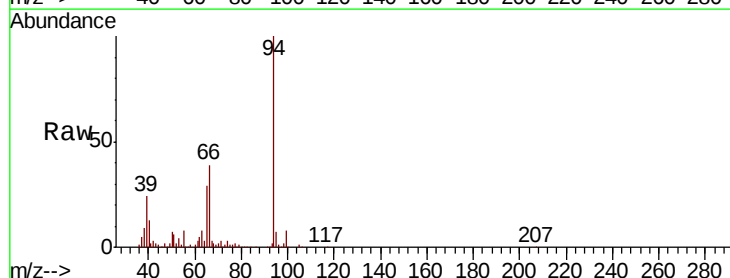
Tgt Ion: 94 Resp: 601929

Ion Ratio Lower Upper

94 100

65 28.6 9.4 49.4

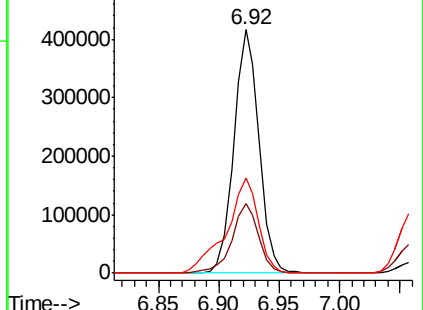
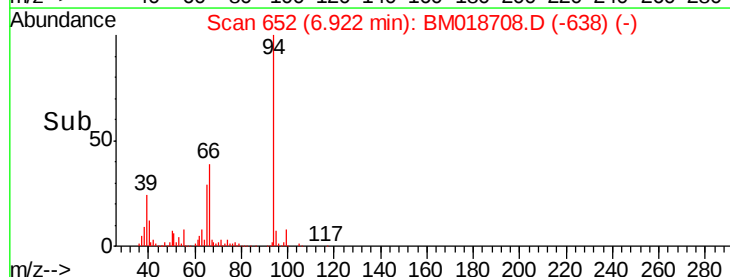
66 39.3 19.1 59.1

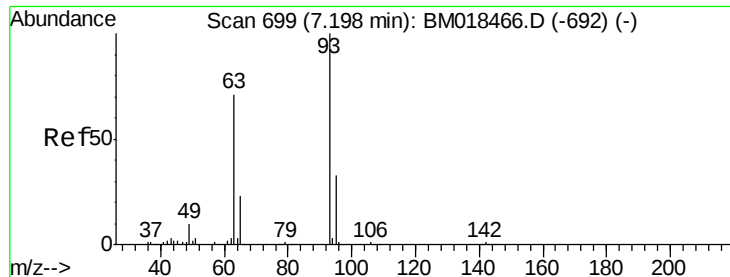


Abundance Ion 94.00 (93.70 to 94.70): BM018708.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM018708.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM018708.D (-638) (-)

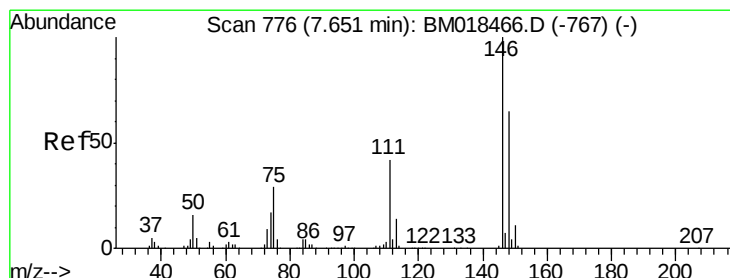
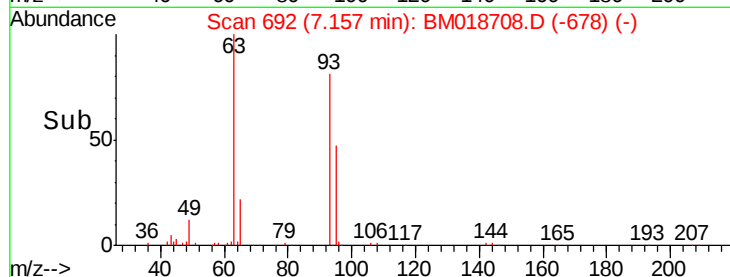
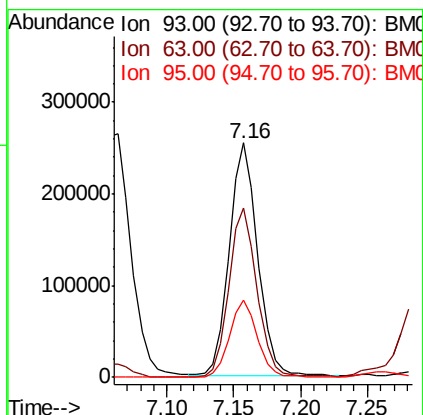
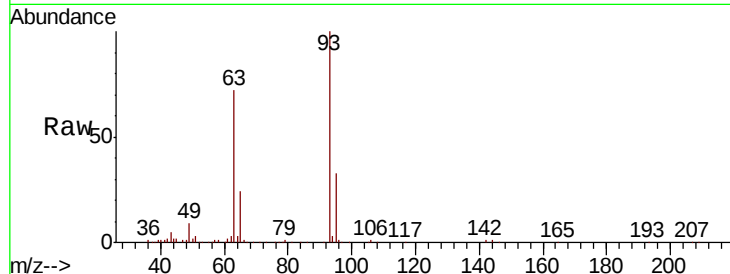




#11
bis(2-Chloroethyl)ether
Concen: 32.147 ng
RT: 7.16 min Scan# 692
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

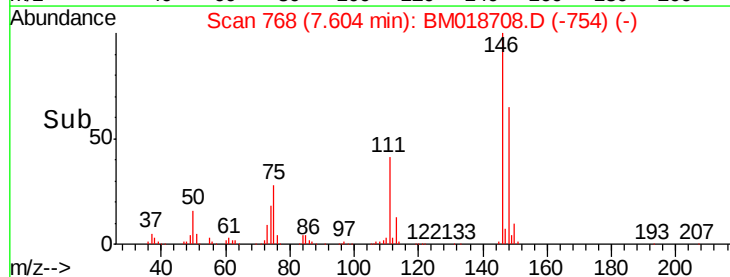
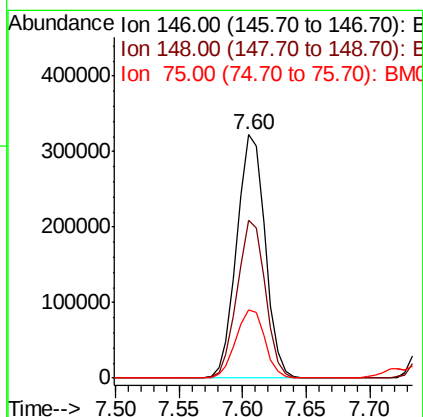
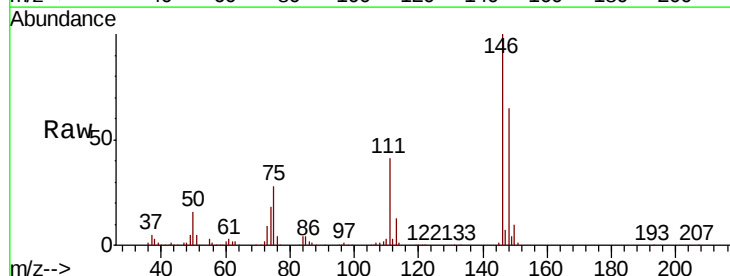
Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

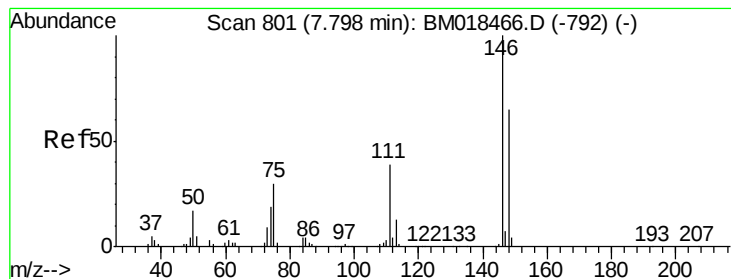
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.2	56.4	96.4
95	33.2	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 31.352 ng
RT: 7.60 min Scan# 768
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.5	75.7
75	28.2	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 31.519 ng

RT: 7.76 min Scan# 794

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

BNA_F

ClientSampleId :

A0C17-SSIMS

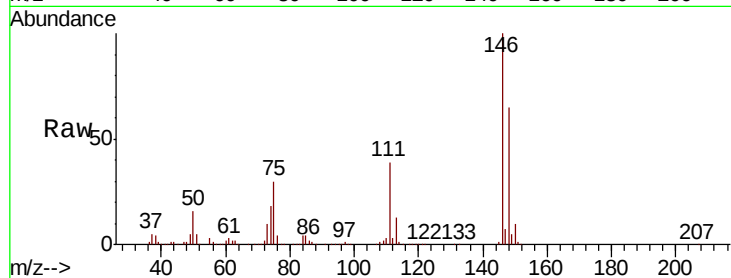
Tot Ion:146 Resp: 510461

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

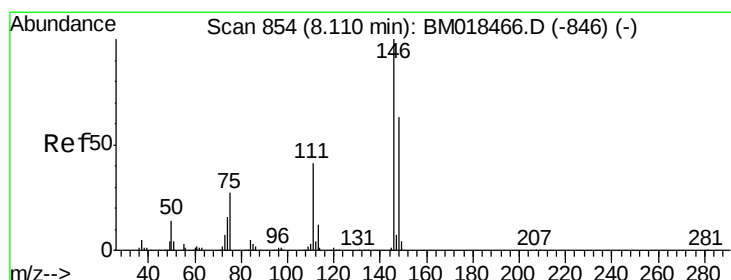
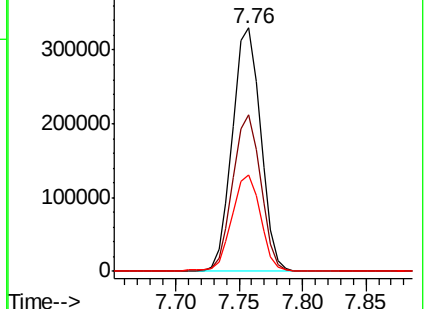
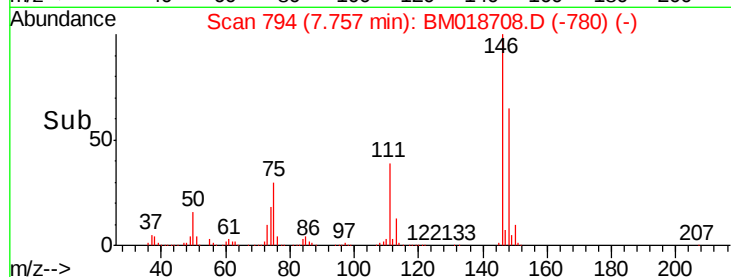
111 39.4 32.2 48.2



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: 31.890 ng

RT: 8.07 min Scan# 847

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

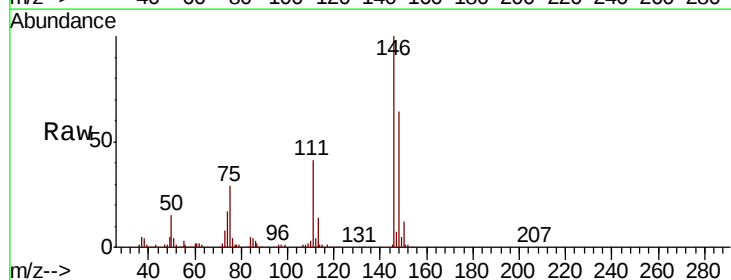
Tgt Ion:146 Resp: 489737

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

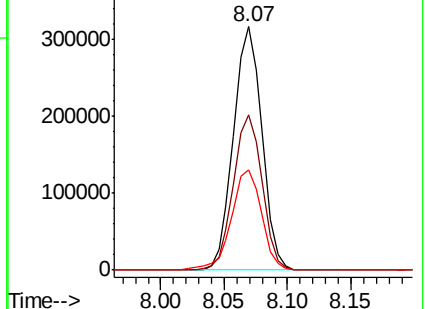
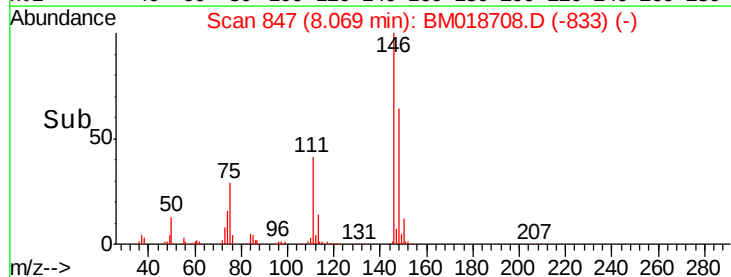
111 41.3 33.8 50.6

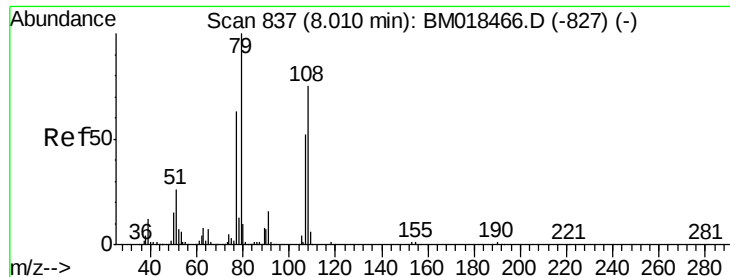


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.595 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

BNA_F

ClientSampleId :

A0C17-SSIMS

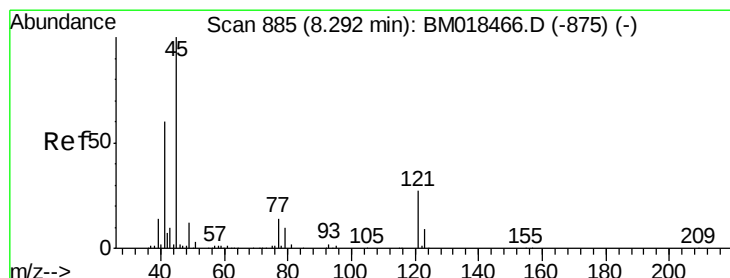
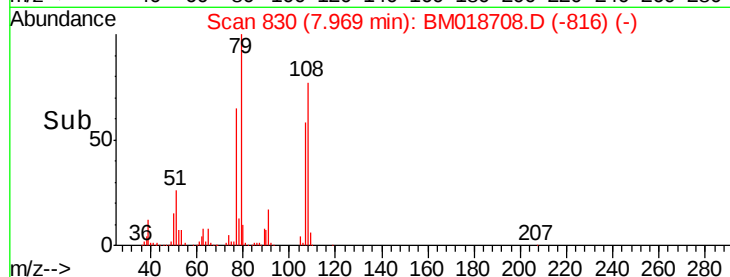
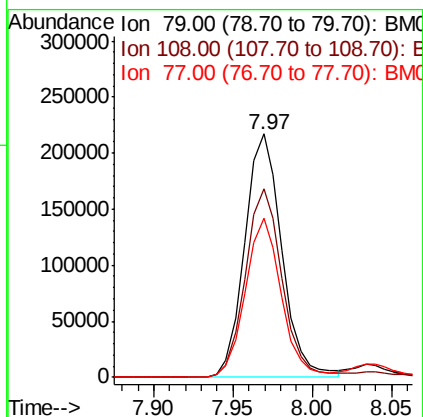
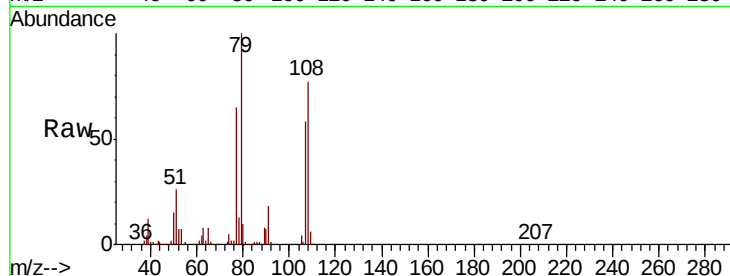
Tot Ion: 79 Resp: 354056

Ion Ratio Lower Upper

79 100

108 77.4 60.4 90.6

77 65.3 53.4 80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.443 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

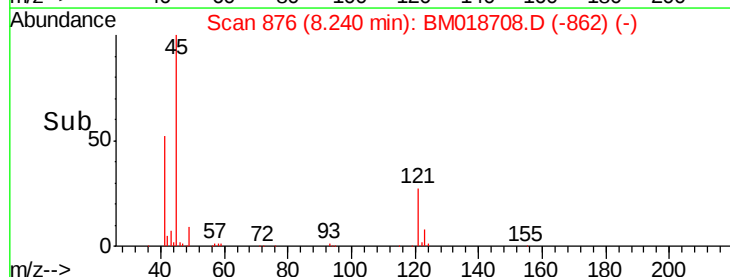
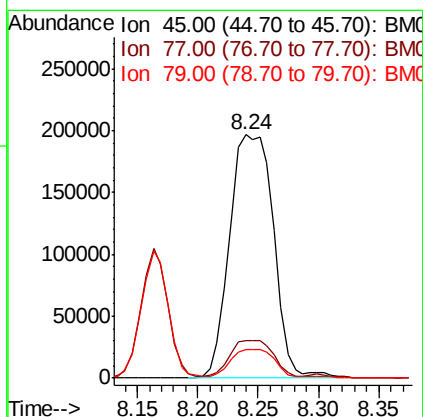
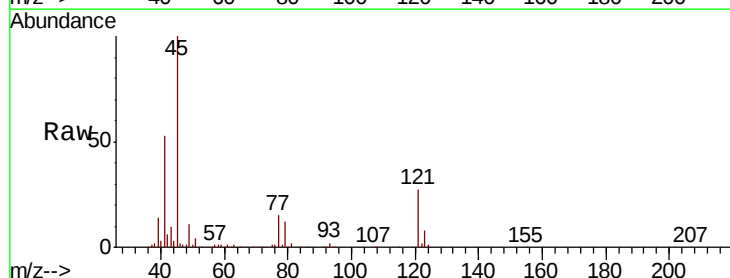
Tgt Ion: 45 Resp: 497939

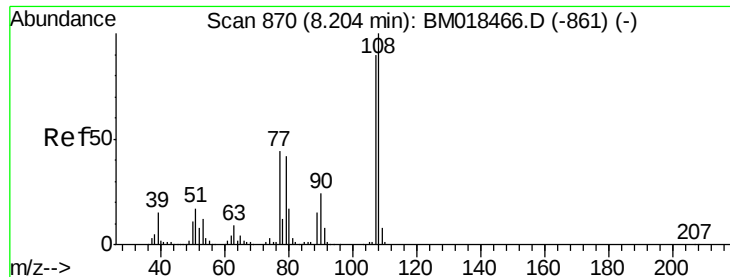
Ion Ratio Lower Upper

45 100

77 15.3 0.0 33.4

79 11.6 0.0 31.1





#17

2-Methylphenol

Concen: 34.766 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

BNA_F

ClientSampleId :

A0C17-SSIMS

Tot Ion:107 Resp: 349909

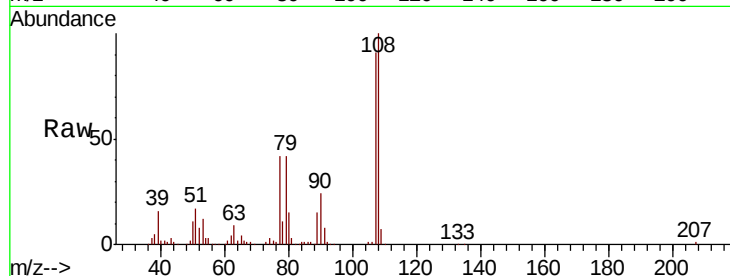
Ion Ratio Lower Upper

107 100

108 109.7 87.5 131.3

77 46.4 37.3 55.9

79 45.5 36.4 54.6

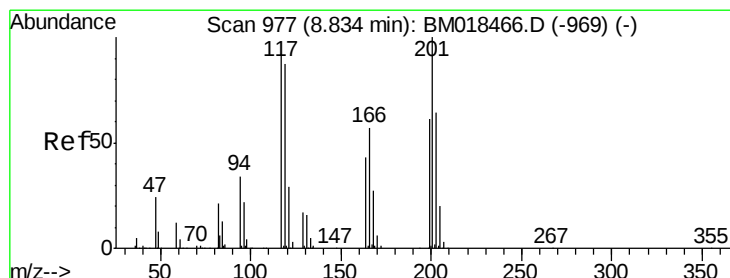
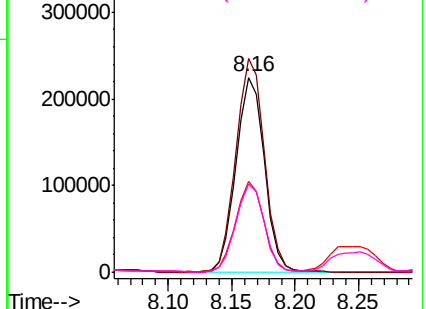
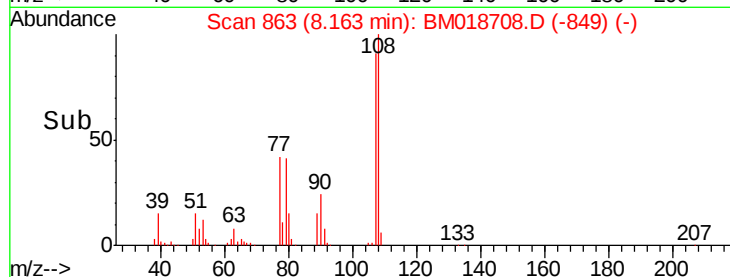


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 29.253 ng

RT: 8.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

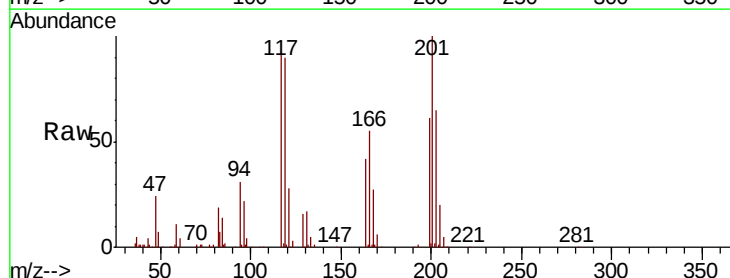
Tgt Ion:117 Resp: 168920

Ion Ratio Lower Upper

117 100

119 98.3 78.3 117.5

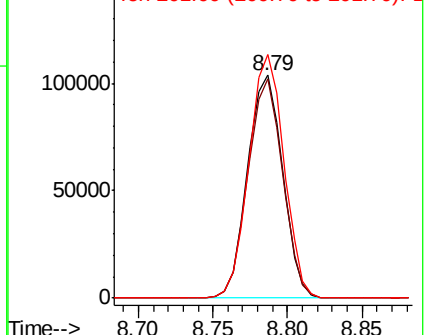
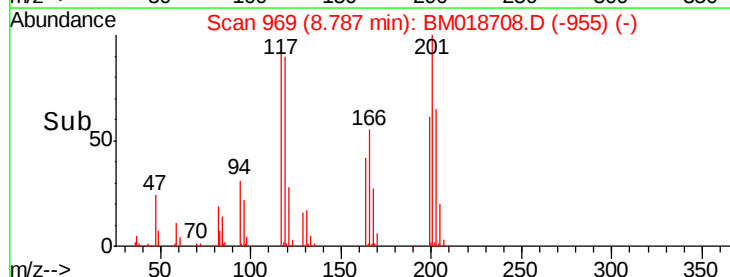
201 109.2 81.4 122.0

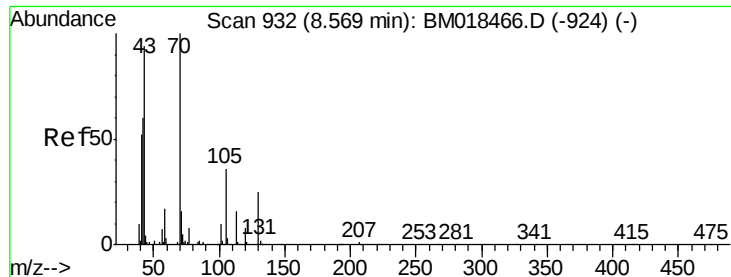


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

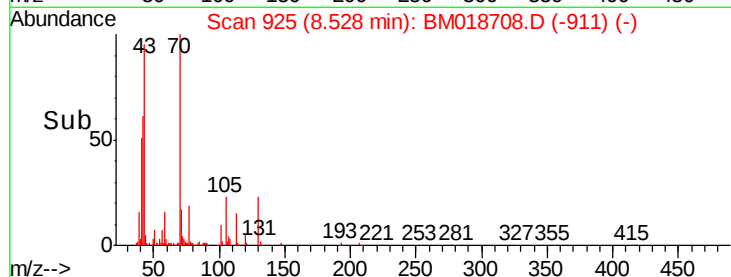
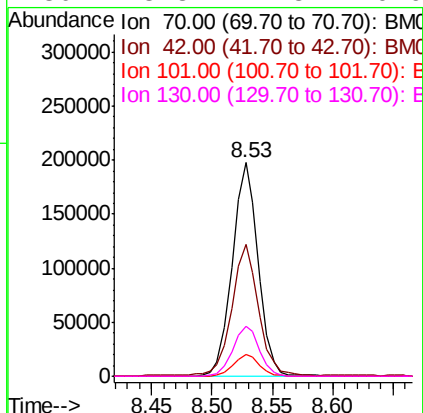
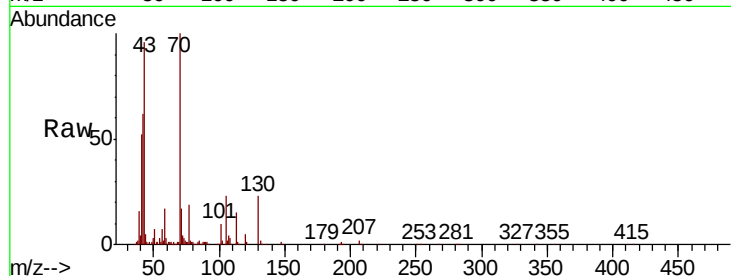




#19
n-Nitroso-di-n-propylamine
Concen: 30.976 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

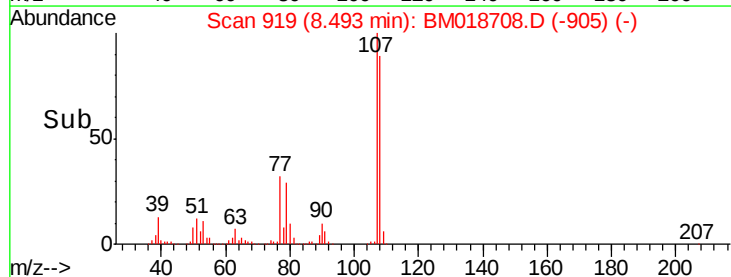
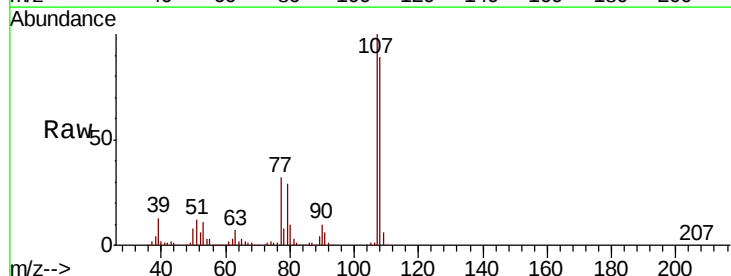
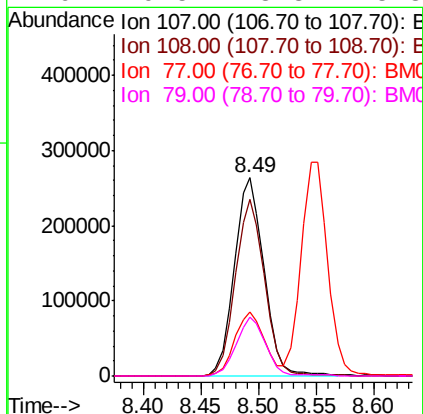
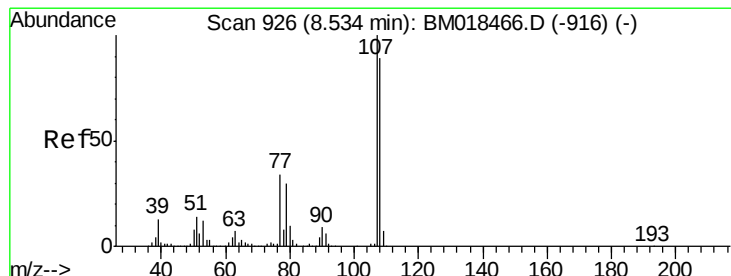
Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

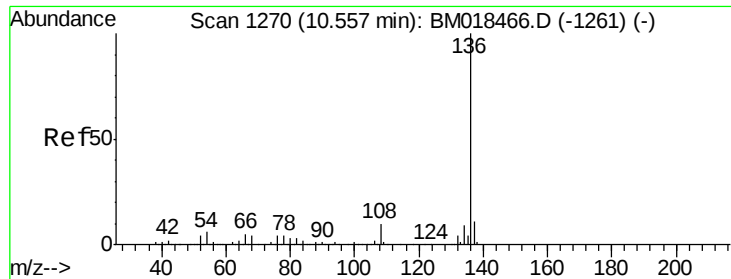
Tot Ion:	70	Resp:	294147
Ion	Ratio	Lower	Upper
70	100		
42	61.5	54.0	81.0
101	10.0	8.1	12.1
130	23.3	17.8	26.6



#20
3+4-Methylphenols
Concen: 33.691 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion:	107	Resp:	468115
Ion	Ratio	Lower	Upper
107	100		
108	89.0	66.8	106.8
77	32.2	13.3	53.3
79	29.5	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

BNA_F

ClientSampleId :

A0C17-SSIMS

Tot Ion:136 Resp: 802828

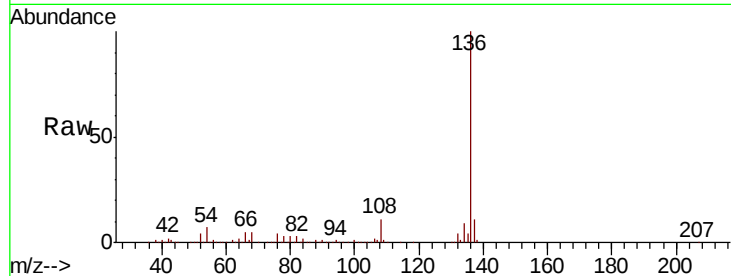
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.8 6.0 9.0

68 4.6 4.5 6.7

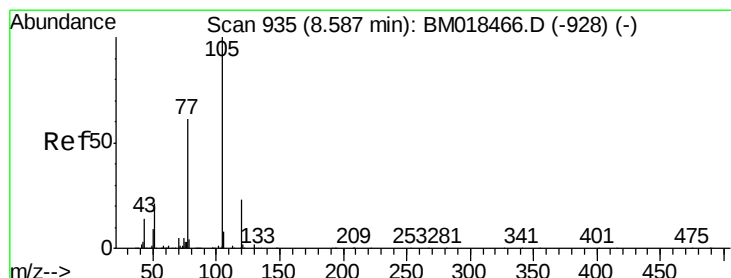
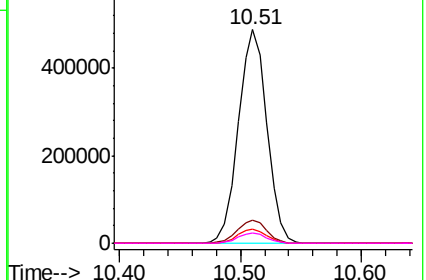
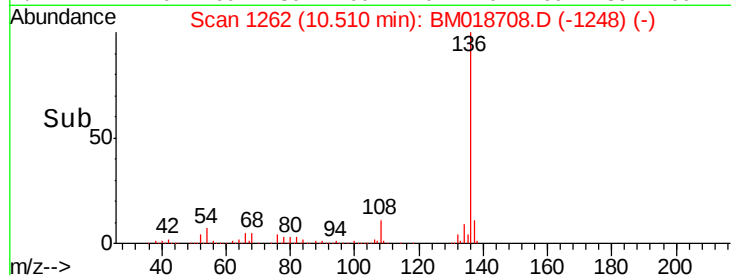


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 30.891 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Tgt Ion:105 Resp: 613499

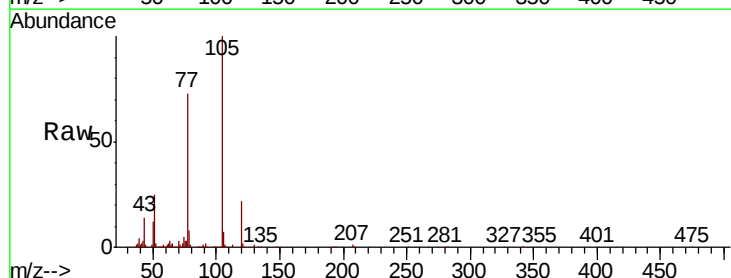
Ion Ratio Lower Upper

105 100

71 0.5 1.7 2.5#

51 25.0 22.6 34.0

120 22.3 18.3 27.5

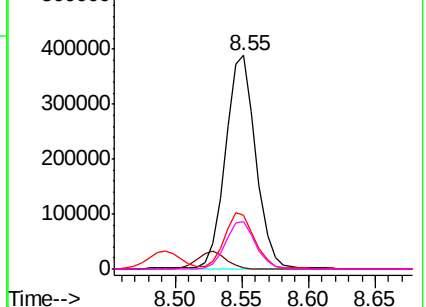
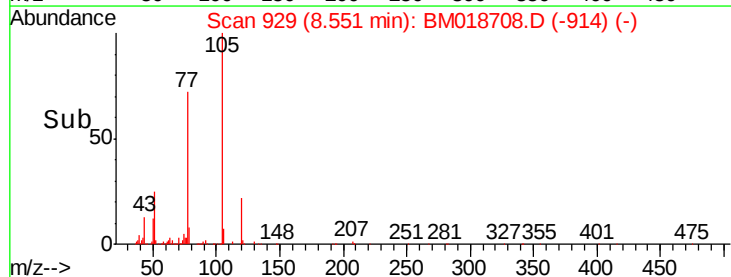


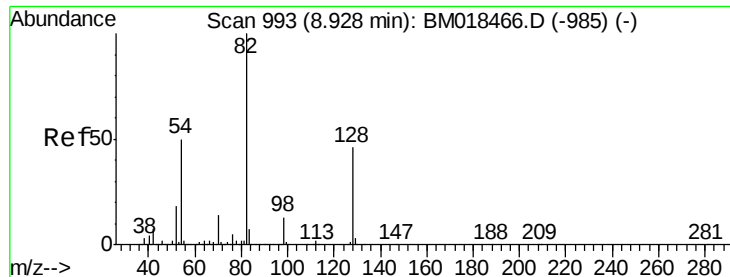
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

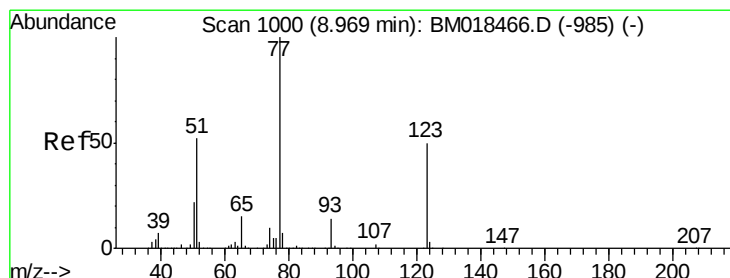
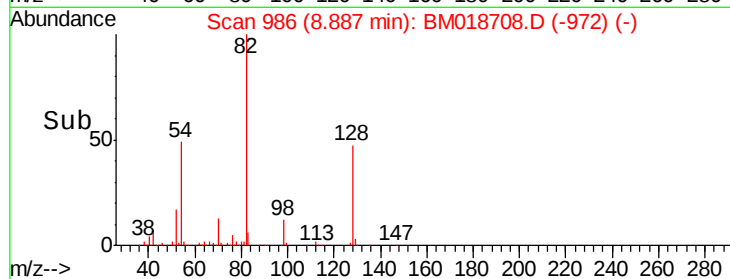
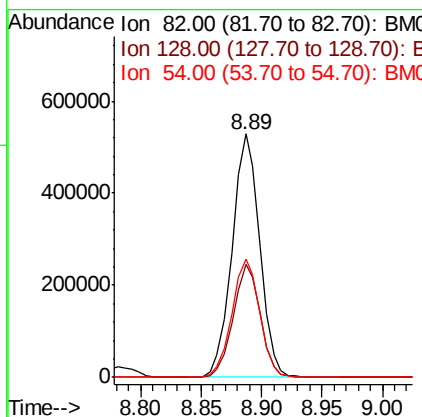
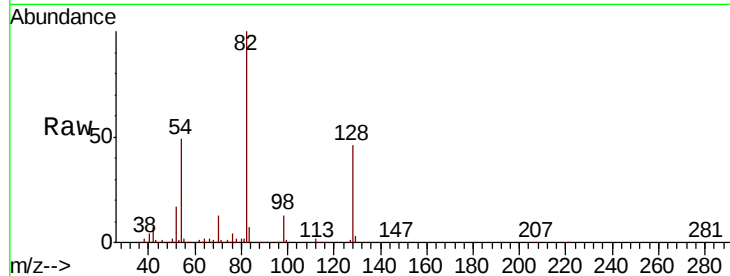




#23
Nitrobenzene-d5
Concen: 60.881 ng
RT: 8.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

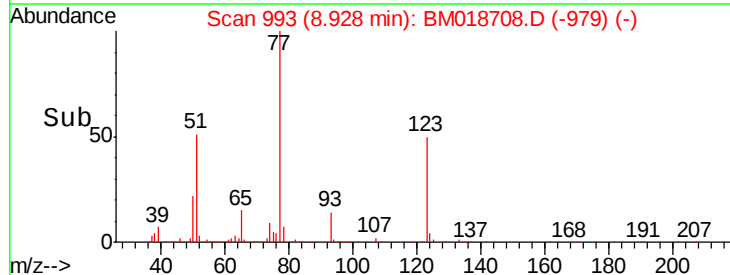
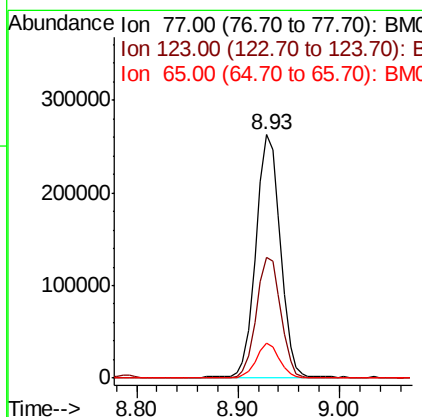
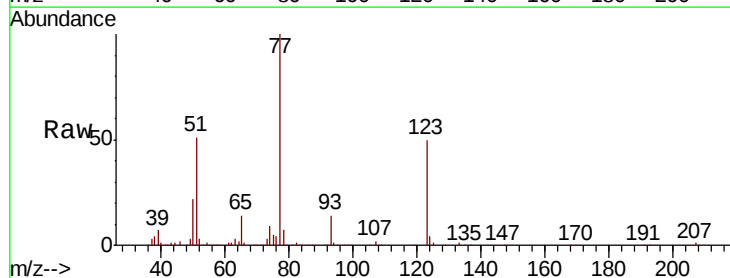
Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

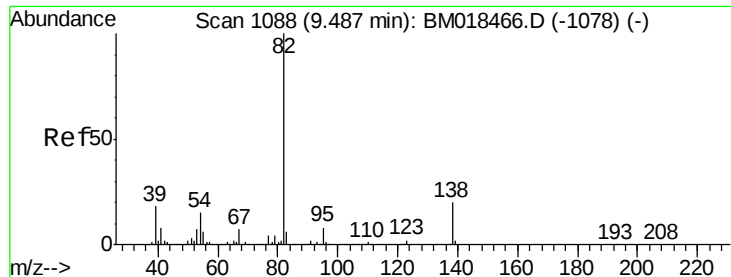
Tot Ion	82	Resp	843125
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.3	54.5
54	48.7	41.7	62.5



#24
Nitrobenzene
Concen: 32.175 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion	77	Resp	438425
Ion Ratio	Lower	Upper	
77	100		
123	49.7	37.7	56.5
65	14.5	11.0	16.6

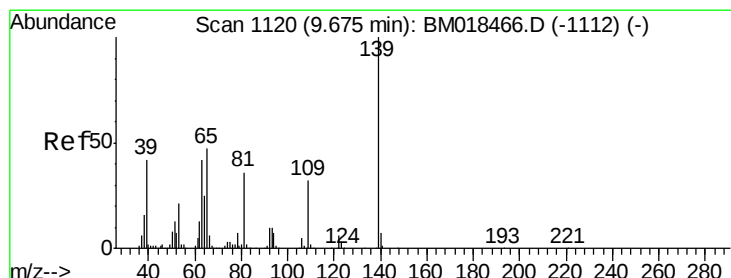
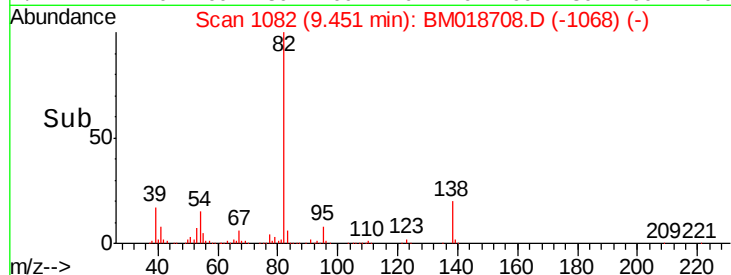
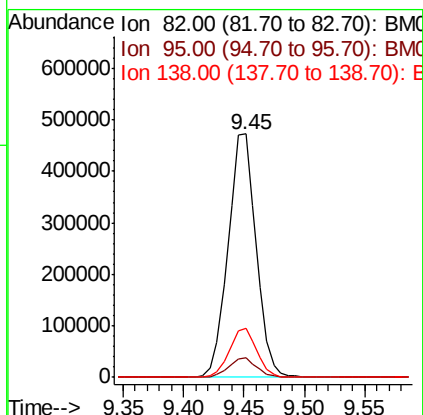
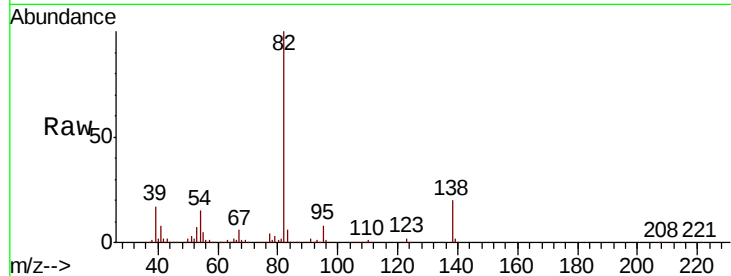




#25
Isophorone
Concen: 36.577 ng
RT: 9.45 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

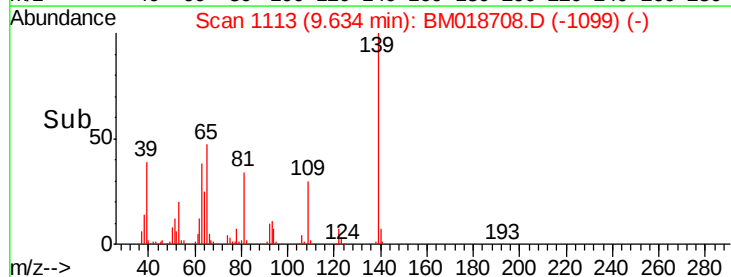
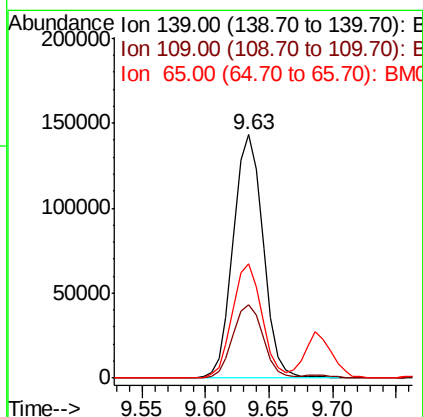
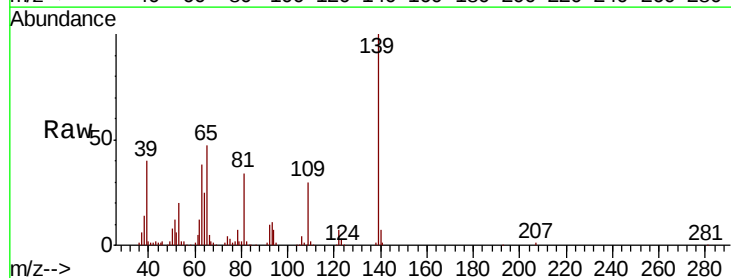
Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

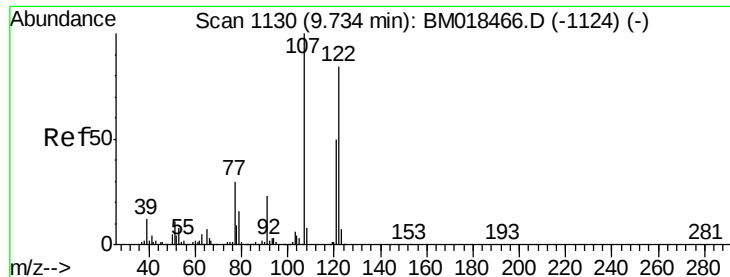
Tot Ion	82	Resp	767056
Ion Ratio	100	Lower	Upper
95	8.2	6.1	9.1
138	20.1	15.1	22.7



#26
2-Nitrophenol
Concen: 35.656 ng
RT: 9.63 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion	139	Resp	234928
Ion Ratio	100	Lower	Upper
109	30.0	23.4	35.2
65	47.1	39.4	59.2

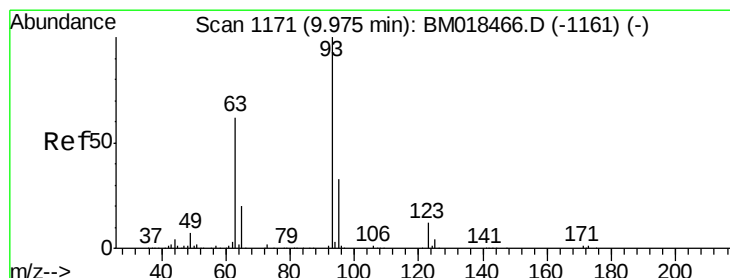
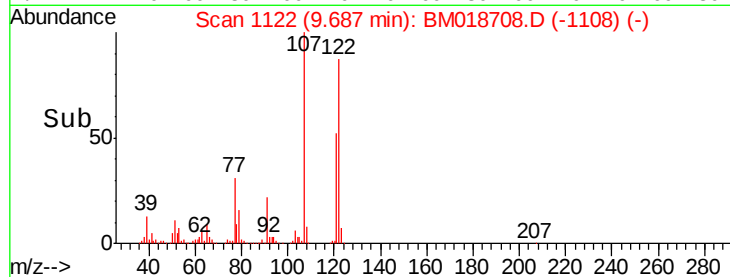
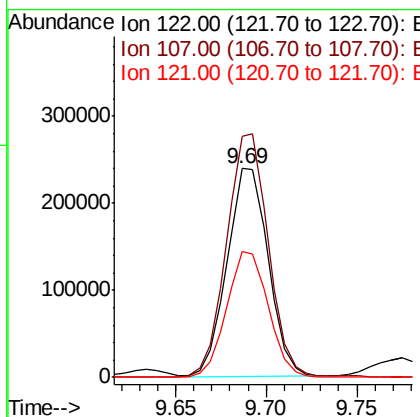
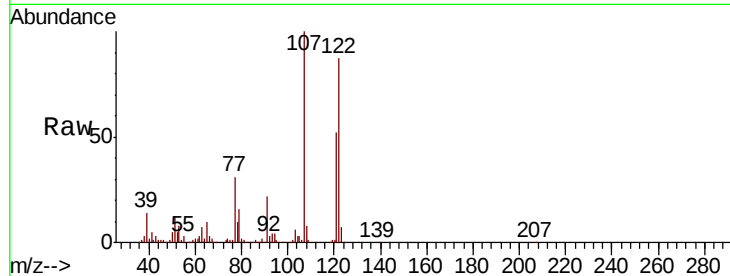




#27
 2,4-Dimethylphenol
 Concen: 38.249 ng
 RT: 9.69 min Scan# 1122
 Delta R.T. -0.02 min
 Lab File: BM018708.D
 Acq: 01 Feb 2019 16:17

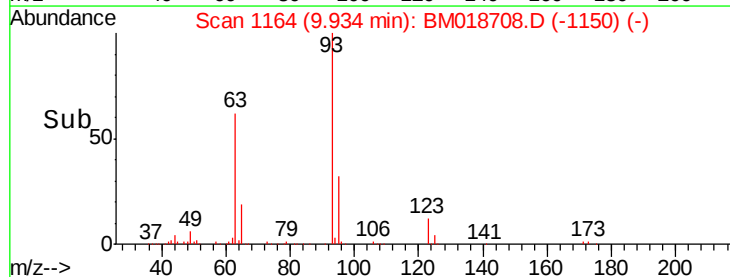
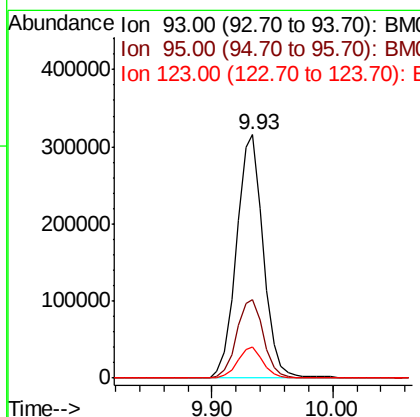
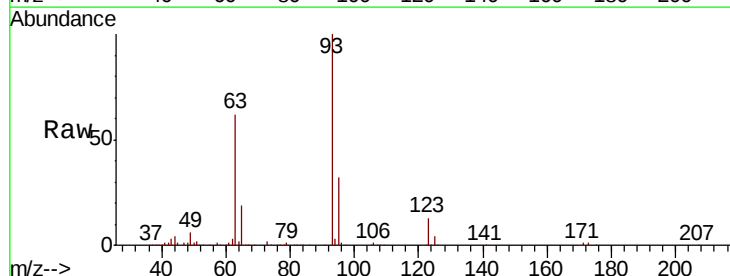
Instrument :
 BNA_F
 ClientSampleId :
 A0C17-SSIMS

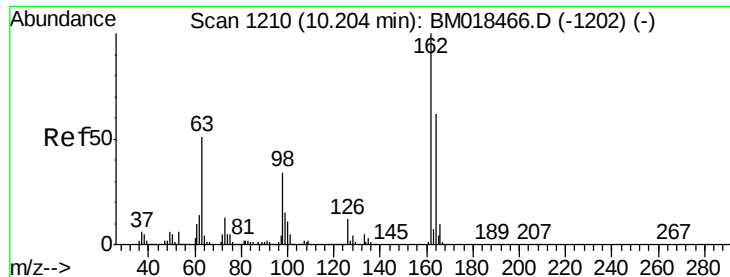
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	91.9	137.9
121	60.0	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.568 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BM018708.D
 Acq: 01 Feb 2019 16:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.6	39.8
123	12.5	9.9	14.9

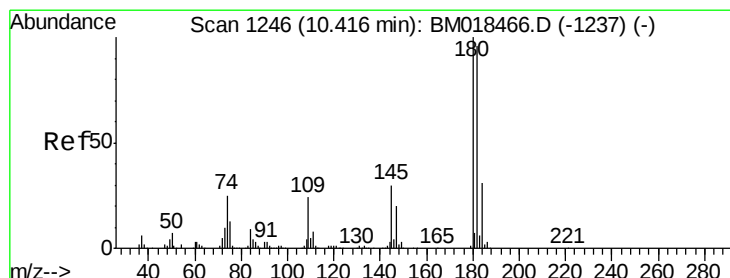
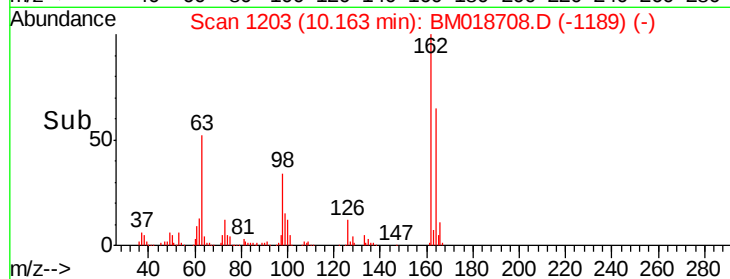
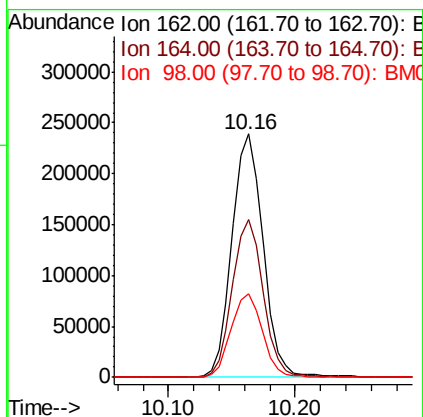
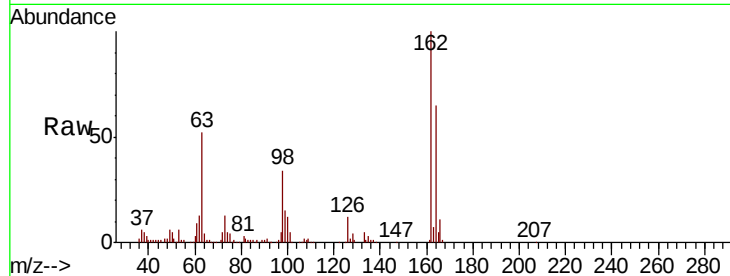




#29
2,4-Dichlorophenol
Concen: 34.582 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

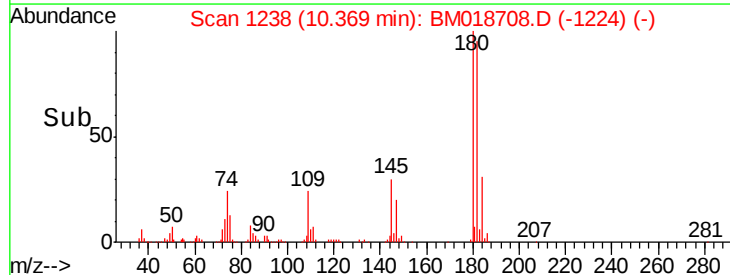
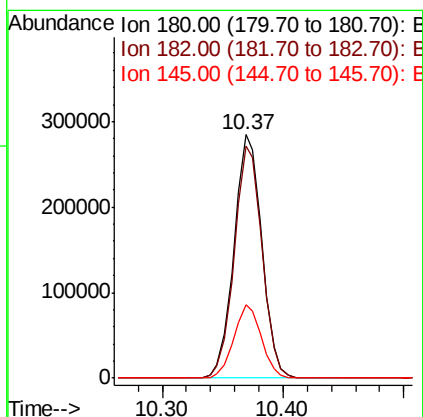
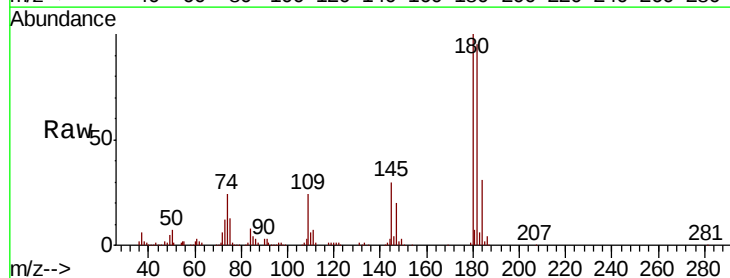
Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

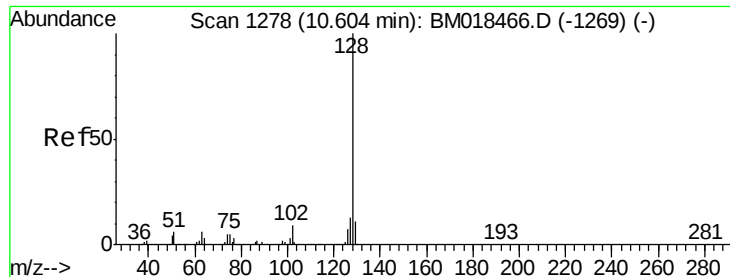
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.6	85.6
98	34.4	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 31.333 ng
RT: 10.37 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.4	116.2
145	30.3	24.6	37.0

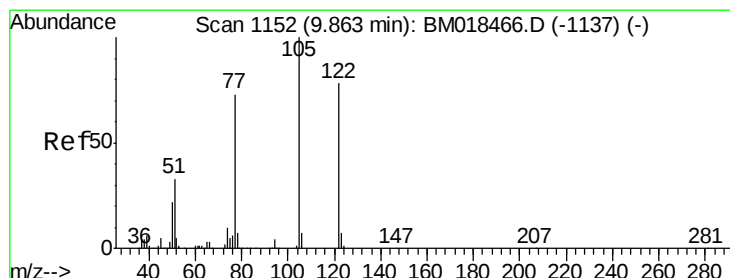
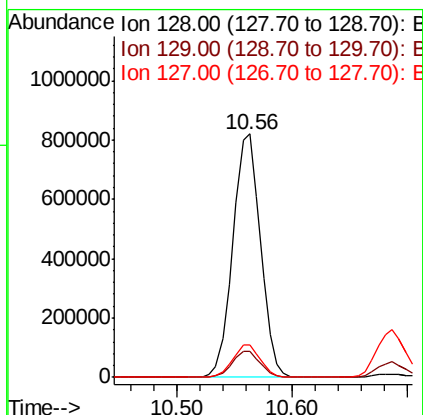
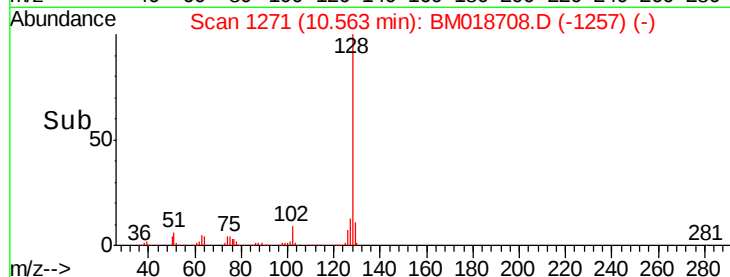
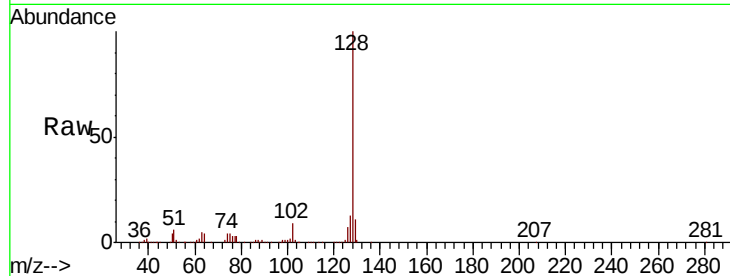




#31
Naphthalene
Concen: 35.228 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

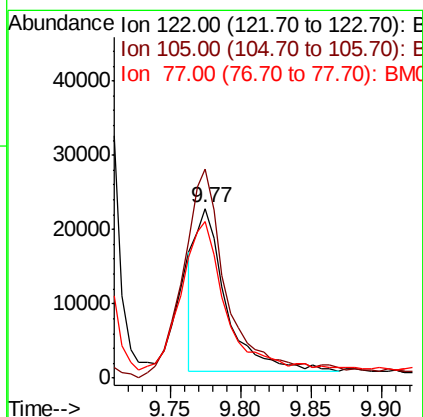
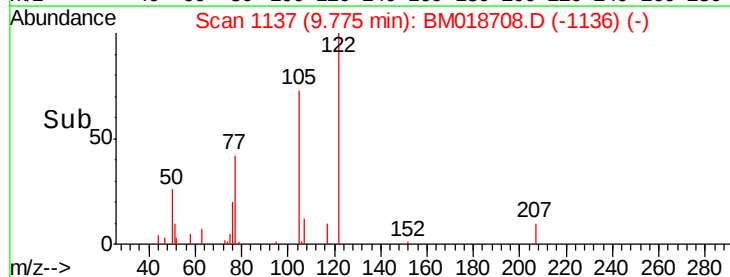
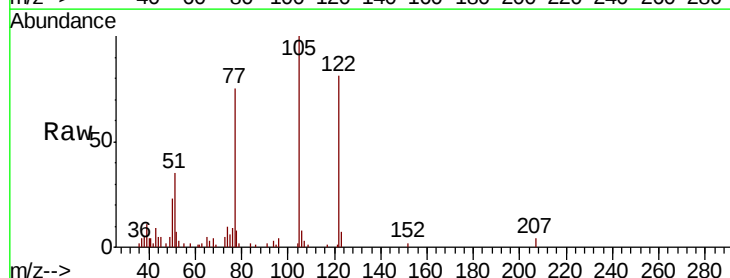
Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

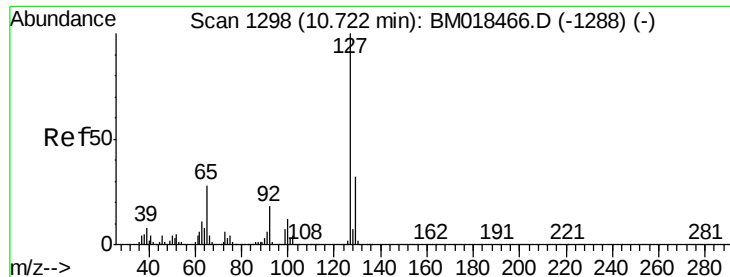
Tot Ion:128 Resp: 1362068
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 10.779 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.09 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion:122 Resp: 32895
Ion Ratio Lower Upper
122 100
105 123.2 100.4 140.4
77 92.2 71.7 111.7

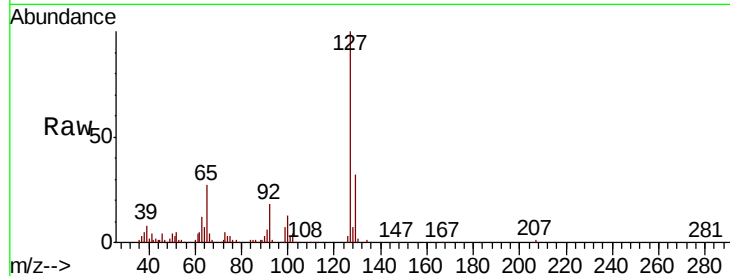




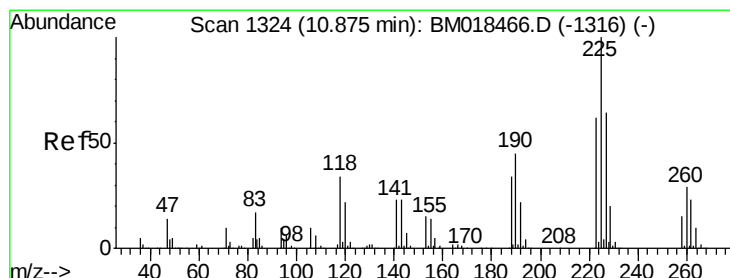
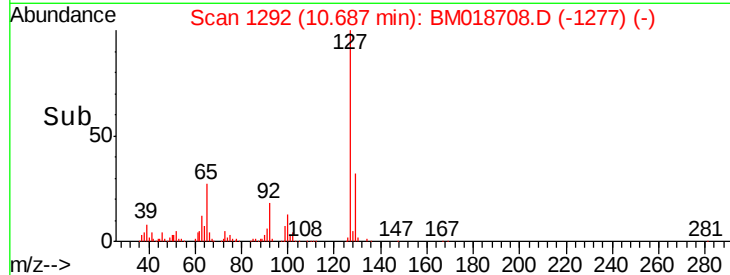
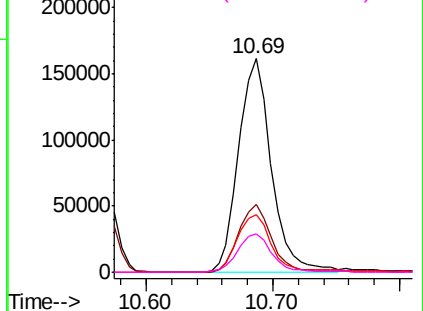
#33
4-Chloroaniline
Concen: 19.057 ng
RT: 10.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

Tot Ion:	127	Resp:	290185
Ion Ratio		Lower	Upper
127	100		
129	31.9	25.9	38.9
65	27.3	23.4	35.2
92	18.3	14.5	21.7

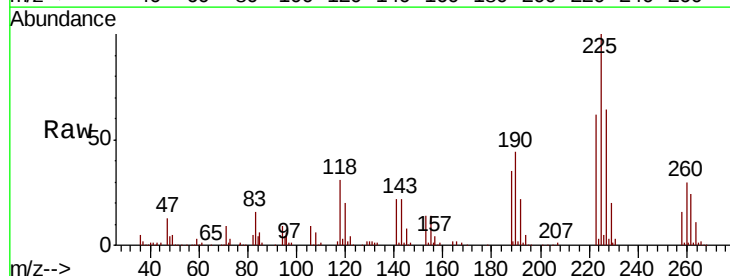


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

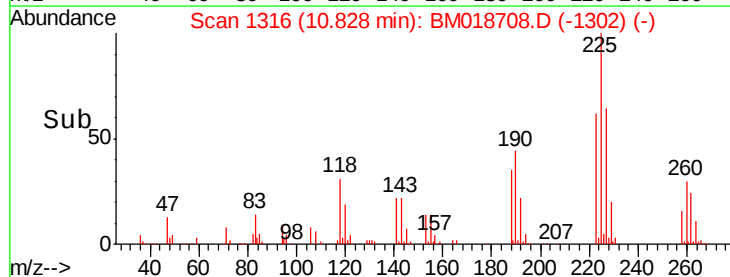
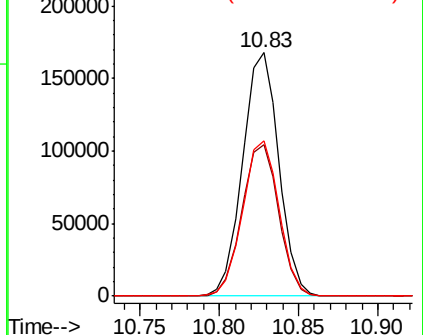


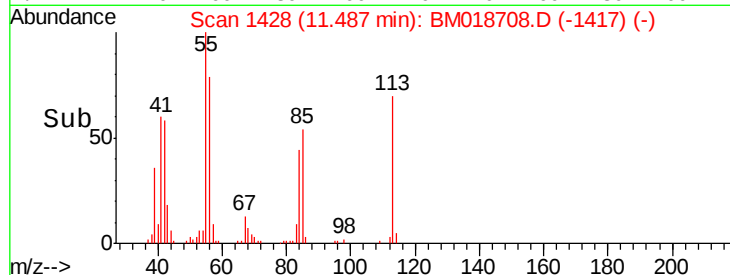
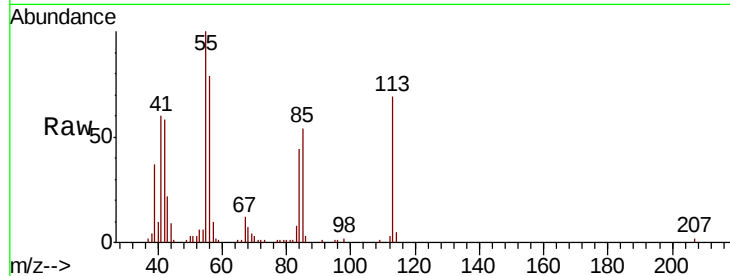
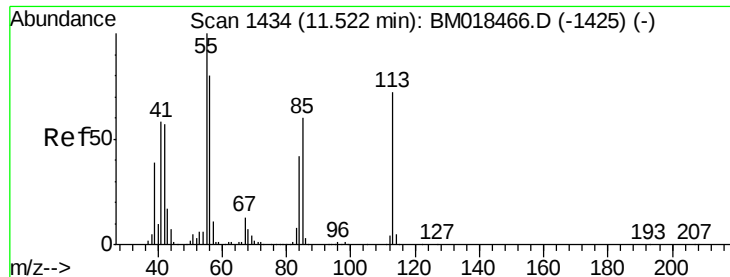
#34
Hexachlorobutadiene
Concen: 28.841 ng
RT: 10.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion:	225	Resp:	265955
Ion Ratio		Lower	Upper
225	100		
223	62.4	50.8	76.2
227	63.9	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

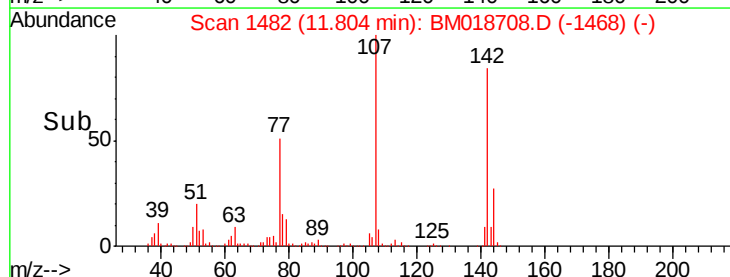
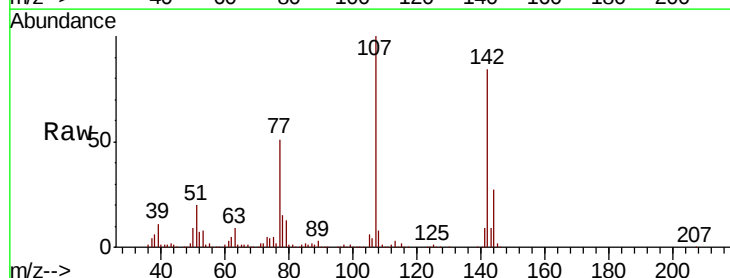
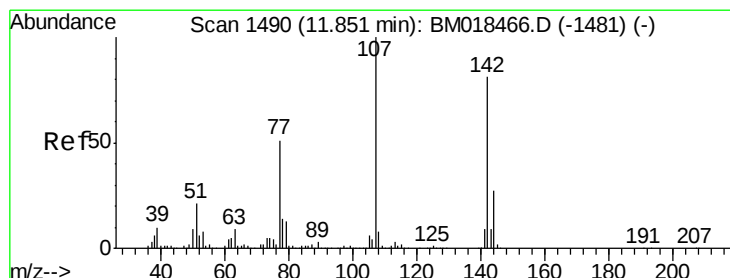
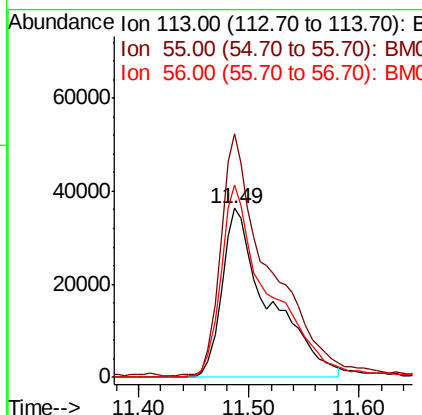




#35
Caprolactam
Concen: 27.042 ng
RT: 11.49 min Scan# 1428
Delta R.T. -0.04 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

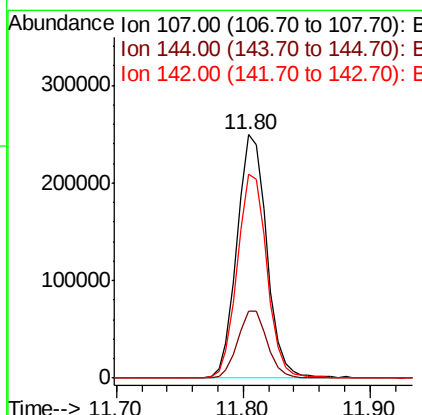
Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

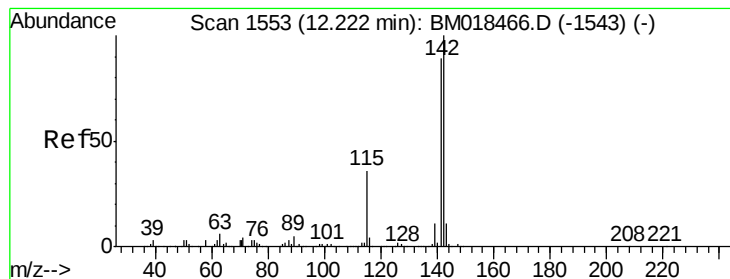
Tot Ion:113 Resp: 108120
Ion Ratio Lower Upper
113 100
55 144.0 139.3 179.3
56 113.9 101.4 141.4



#36
4-Chloro-3-methylphenol
Concen: 32.964 ng
RT: 11.80 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion:107 Resp: 406694
Ion Ratio Lower Upper
107 100
144 27.4 21.9 32.9
142 83.9 67.9 101.9





#37

2-Methylnaphthalene

Concen: 35.073 ng

RT: 12.17 min Scan# 1545

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

BNA_F

ClientSampleId :

A0C17-SSIMS

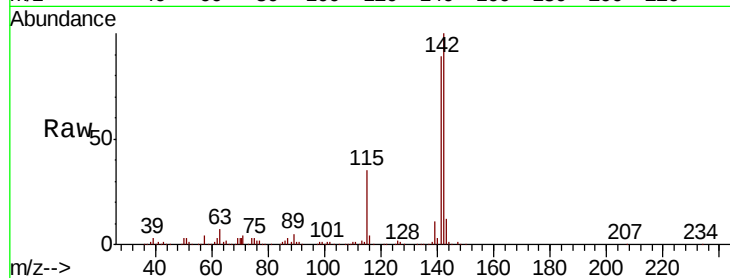
Tot Ion:142 Resp: 958103

Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.2

115 35.0 28.0 42.0

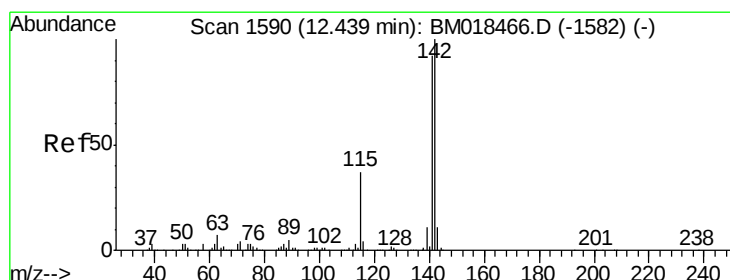
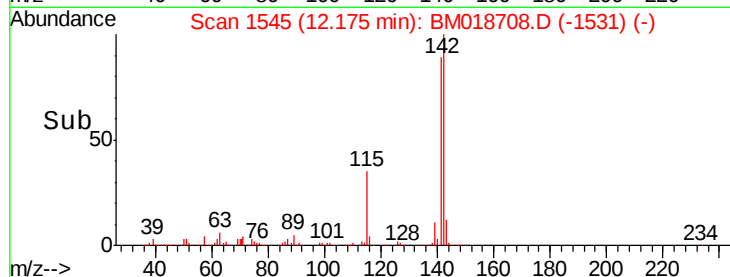
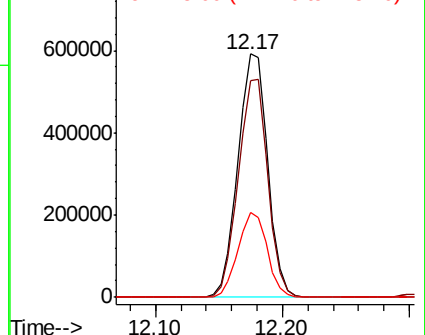


Abundance

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: 34.058 ng

RT: 12.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

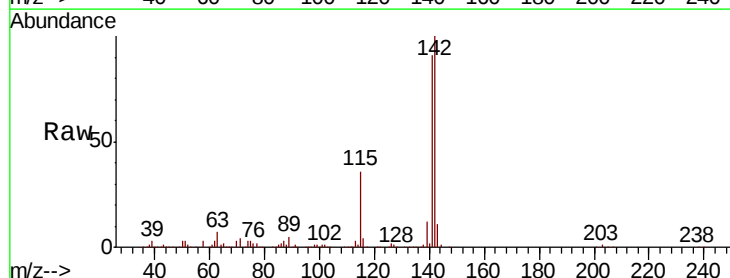
Tgt Ion:142 Resp: 900219

Ion Ratio Lower Upper

142 100

141 91.2 75.6 113.4

116 3.8 3.0 4.6

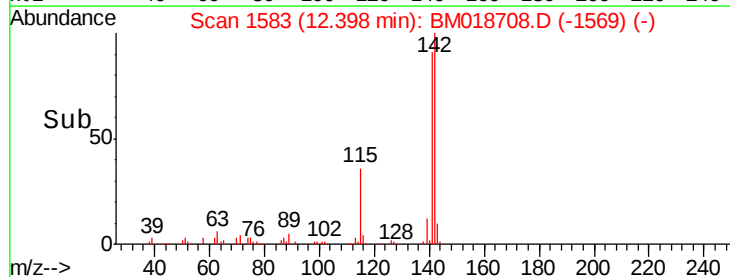
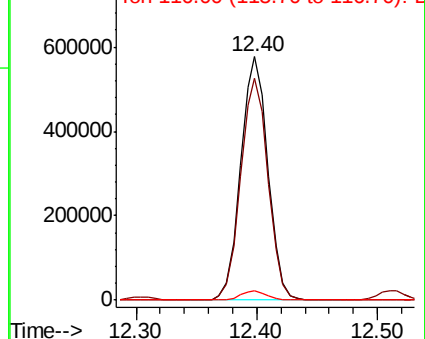


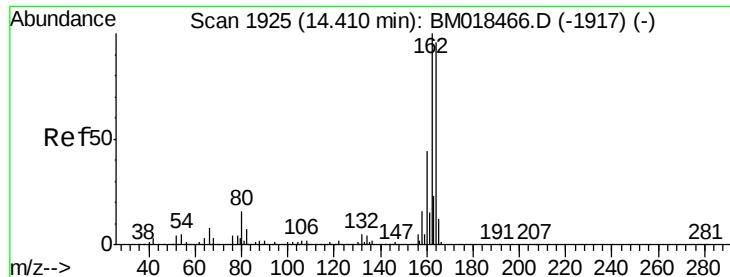
Abundance

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: 14.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

BNA_F

ClientSampleId :

A0C17-SSIMS

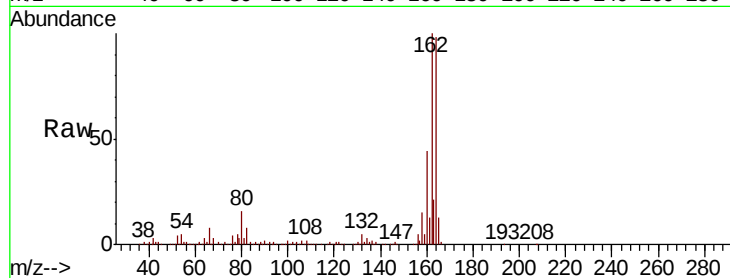
Tot Ion:164 Resp: 422343

Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.4

160 45.0 37.1 55.7

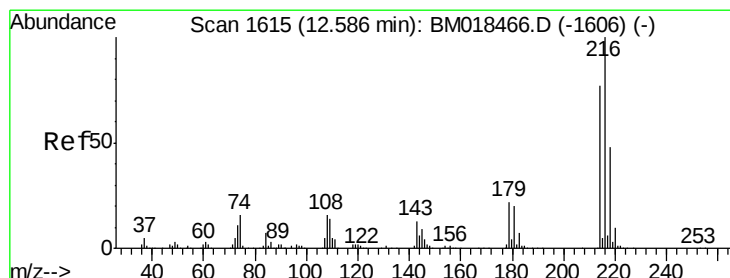
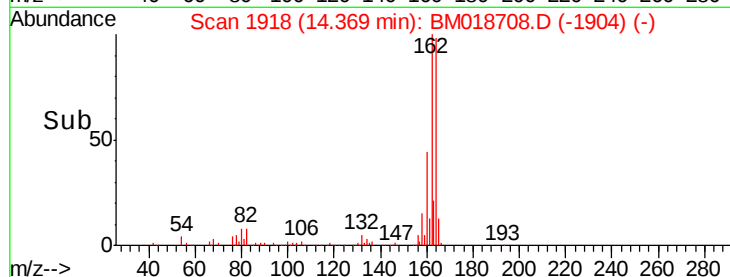
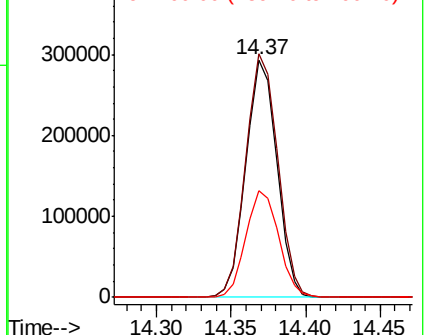


Abundance

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: 32.652 ng

RT: 12.55 min Scan# 1608

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Tgt Ion:216 Resp: 482241

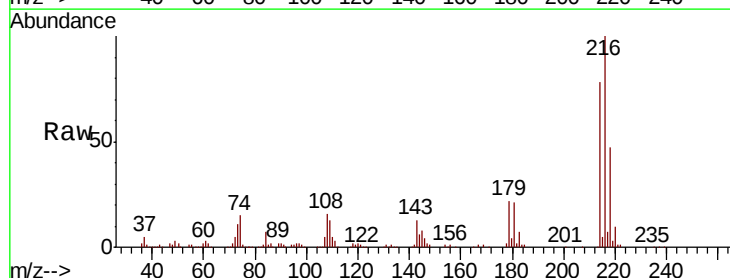
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.0

179 21.6 17.9 26.9

108 18.1 15.8 23.6



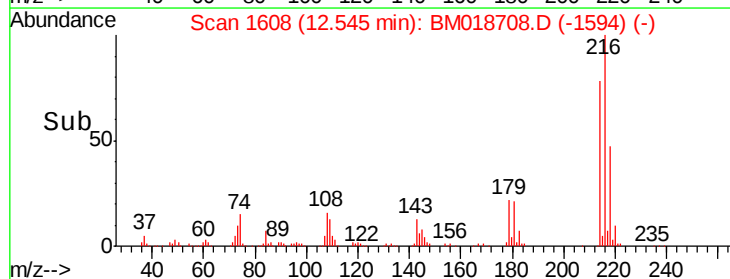
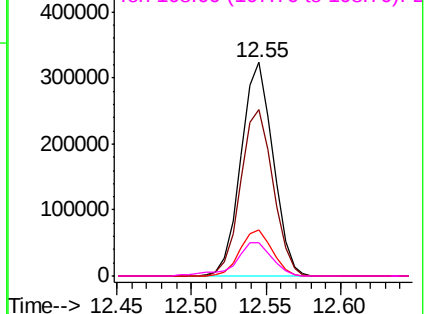
Abundance

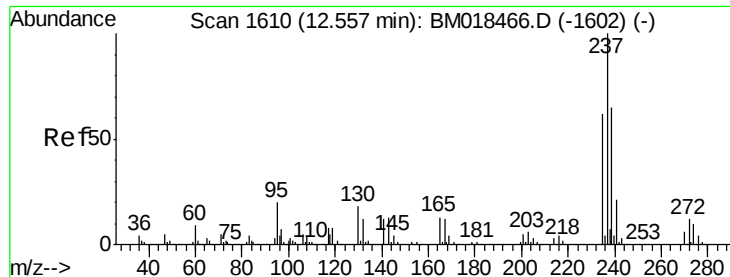
Ion 216.00 (215.70 to 216.70): E

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: 34.246 ng

RT: 12.51 min Scan# 1602

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

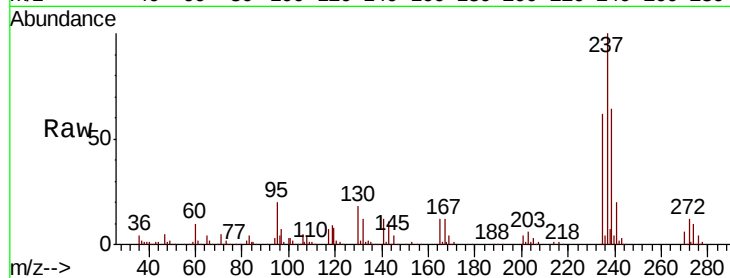
BNA_F

ClientSampleId :

A0C17-SSIMS

Tot Ion:237 Resp: 277586

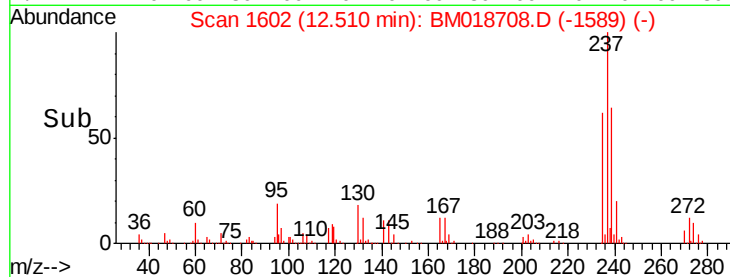
Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.8	82.8
272	11.6	0.0	31.9



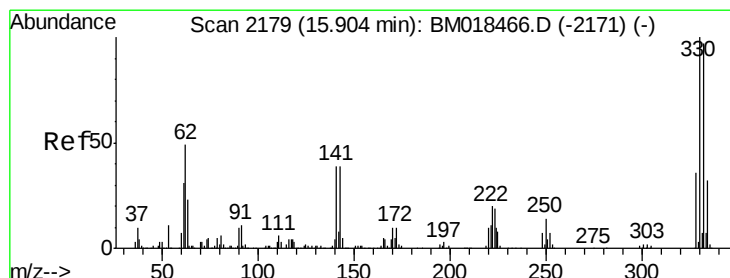
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#42

2,4,6-Tribromophenol

Concen: 98.739 ng

RT: 15.87 min Scan# 2173

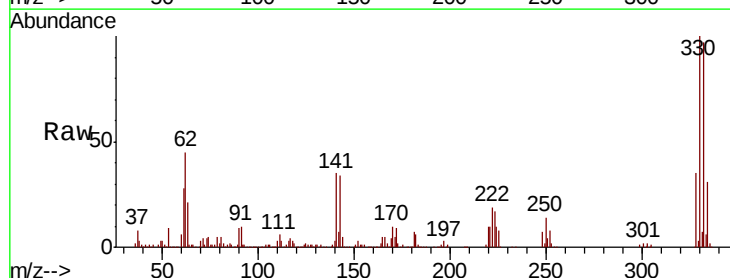
Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Tgt Ion:330 Resp: 530981

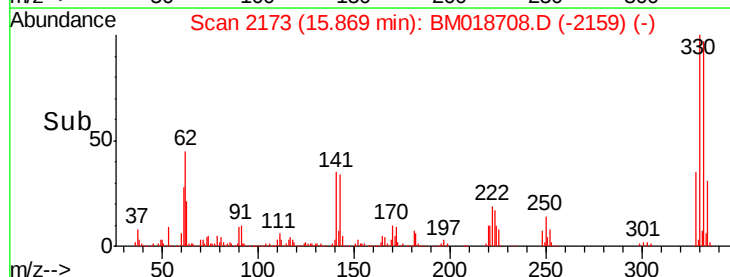
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.6	116.4
141	38.0	31.7	47.5



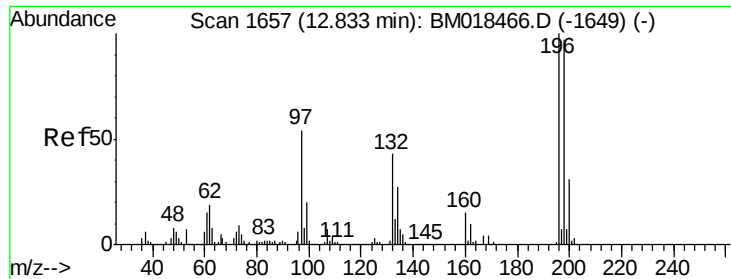
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



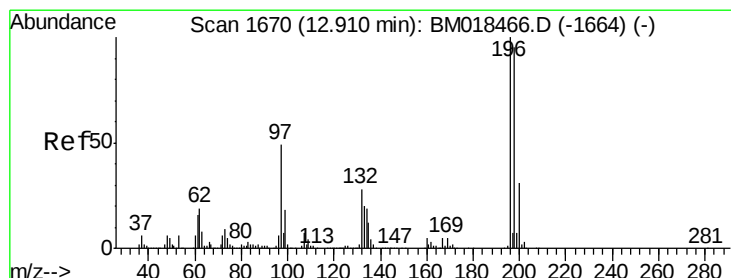
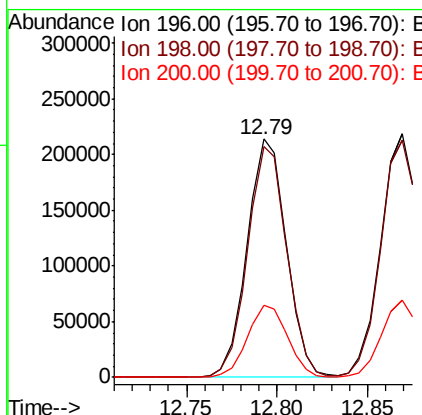
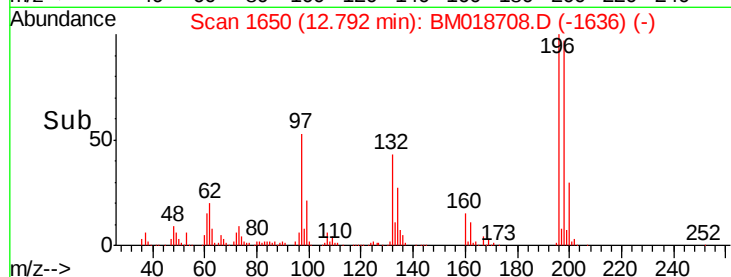
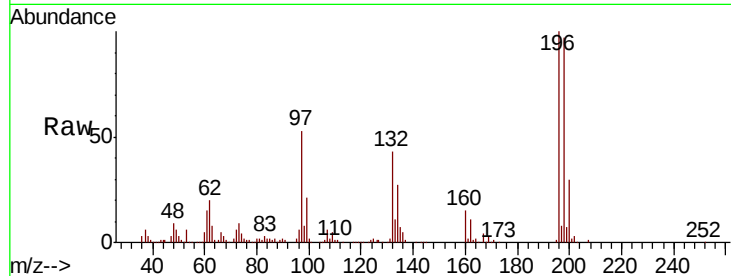
Time-->



#43
 2,4,6-Trichlorophenol
 Concen: 36.043 ng
 RT: 12.79 min Scan# 1650
 Delta R.T. -0.02 min
 Lab File: BM018708.D
 Acq: 01 Feb 2019 16:17

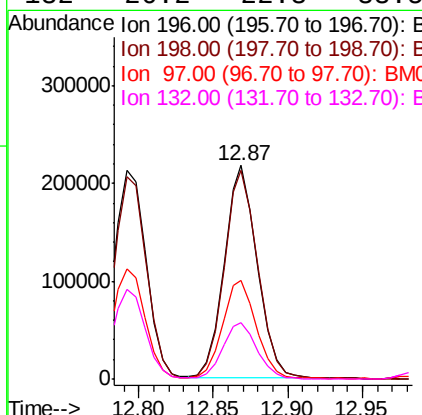
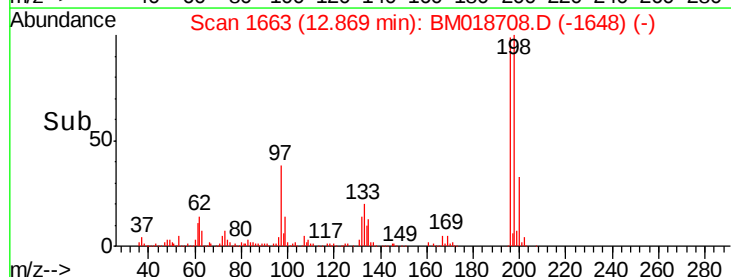
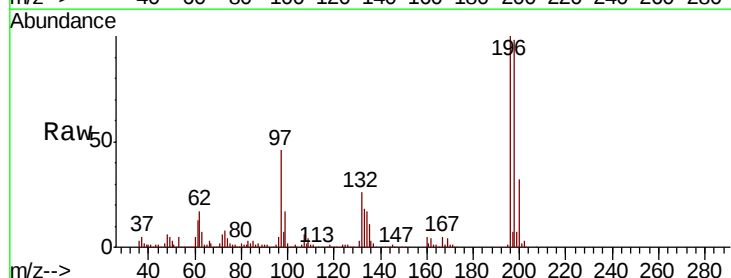
Instrument :
 BNA_F
 ClientSampleId :
 A0C17-SSIMS

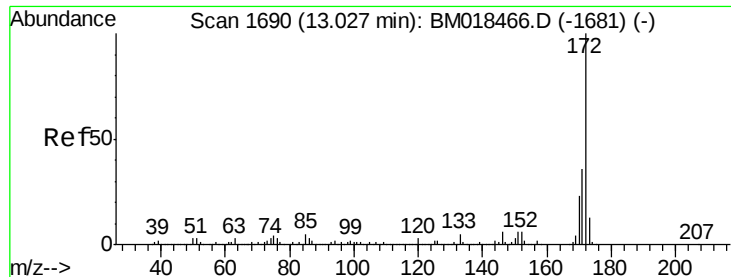
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.6	115.0
200	30.4	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 35.705 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BM018708.D
 Acq: 01 Feb 2019 16:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.7	115.1
97	46.2	39.2	58.8
132	26.2	22.3	33.5

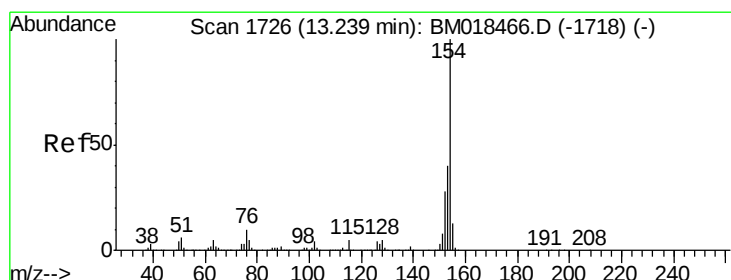
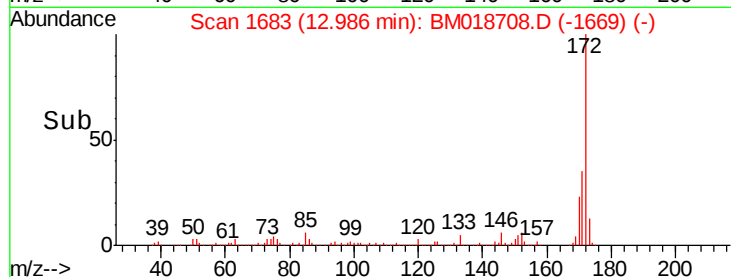
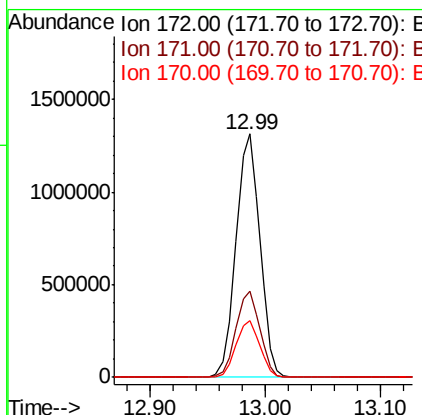
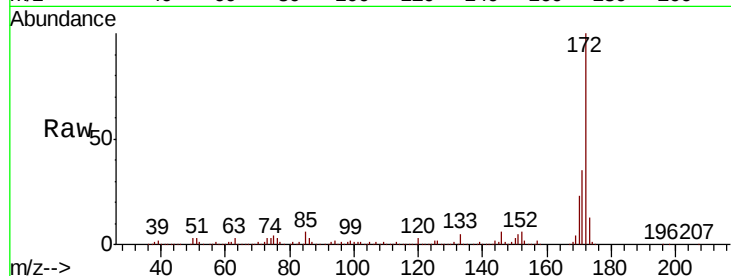




#45
2-Fluorobiphenyl
Concen: 57.966 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

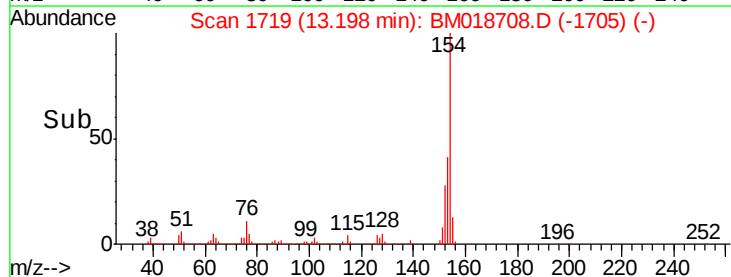
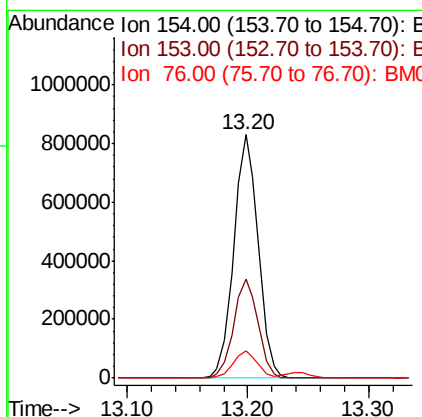
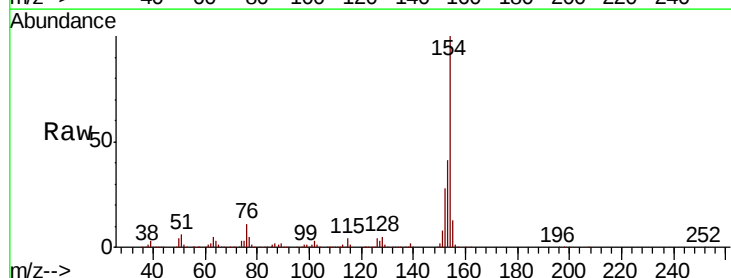
Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

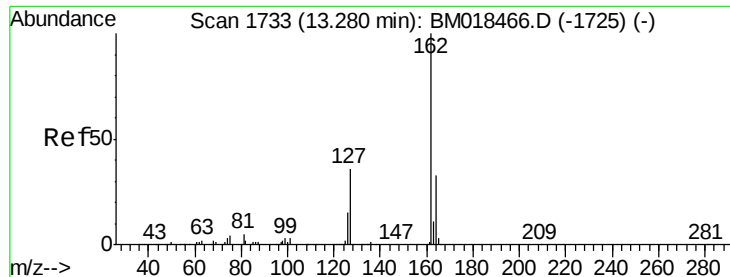
Tot Ion:172 Resp: 1876172
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 31.559 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion:154 Resp: 1163790
Ion Ratio Lower Upper
154 100
153 40.8 20.5 60.5
76 11.2 0.0 31.9

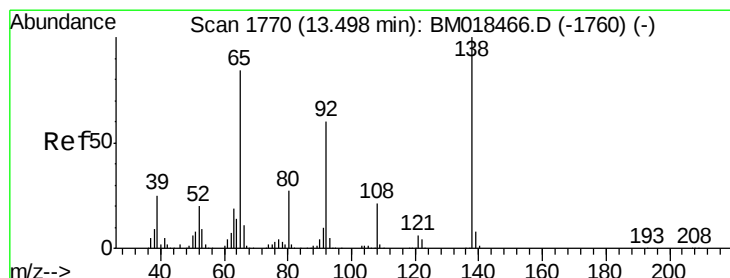
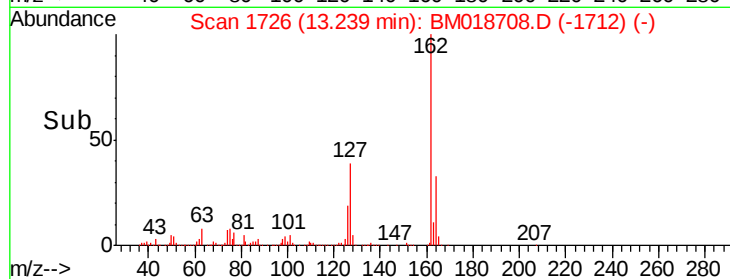
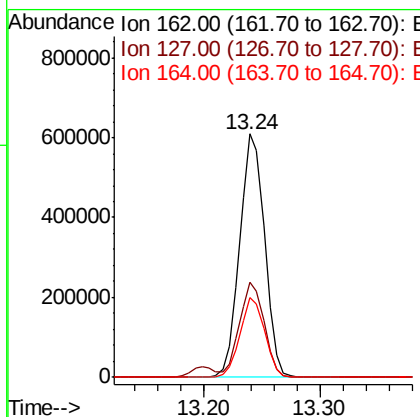
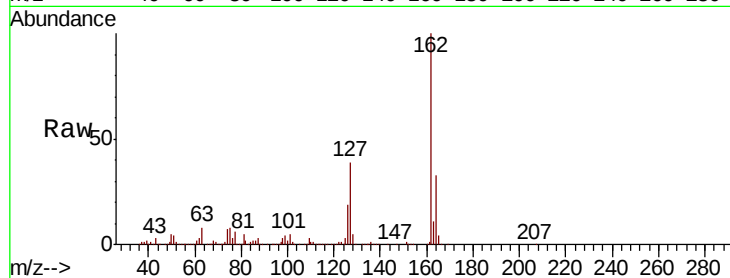




#47
2-Chloronaphthalene
Concen: 31.921 ng
RT: 13.24 min Scan# 1726
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

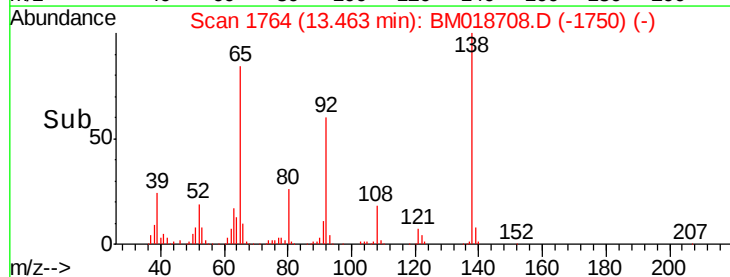
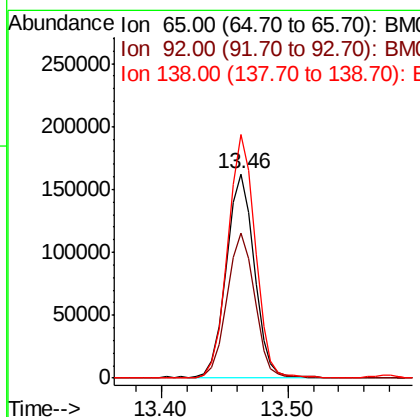
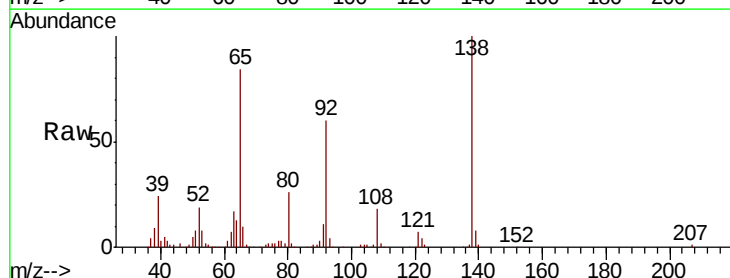
Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

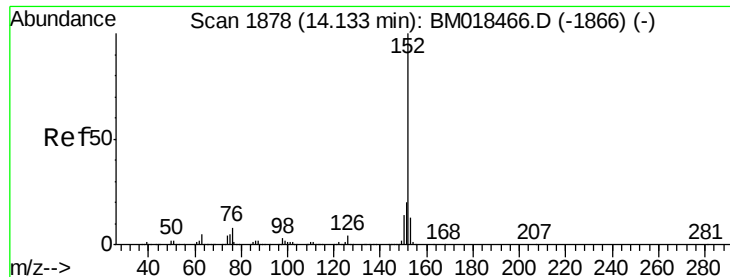
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.4	47.0
164	32.5	26.2	39.4



#48
2-Nitroaniline
Concen: 34.722 ng
RT: 13.46 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	53.4	80.2
138	119.3	88.9	133.3





#49

Acenaphthylene

Concen: 34.624 ng

RT: 14.09 min Scan# 1871

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

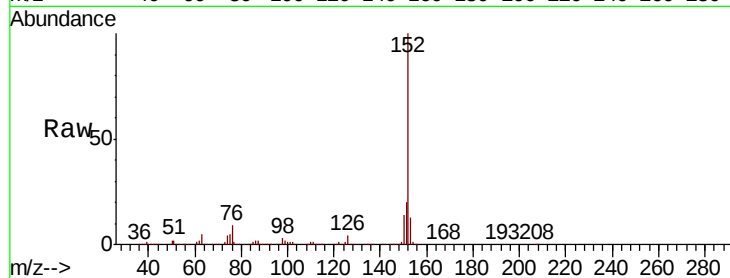
BNA_F

ClientSampleId :

A0C17-SSIMS

Tot Ion:152 Resp: 1442915

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.2	10.5	15.7

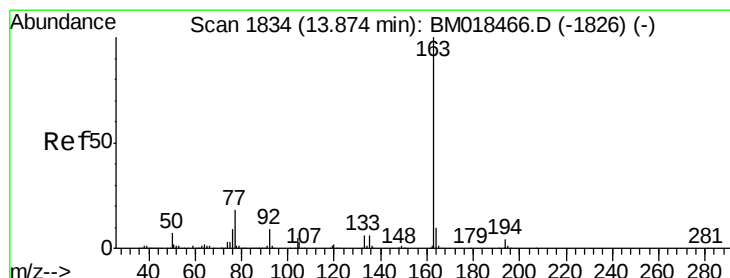
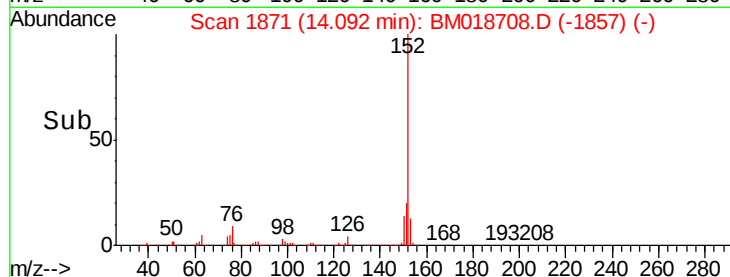
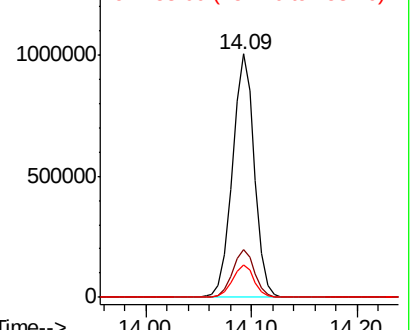


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.382 ng

RT: 13.83 min Scan# 1827

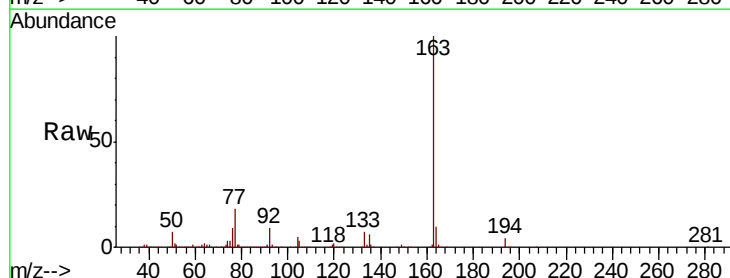
Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Tgt Ion:163 Resp: 1296622

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.8	7.8	11.8

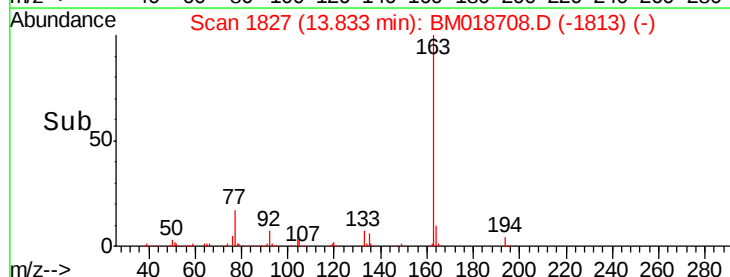
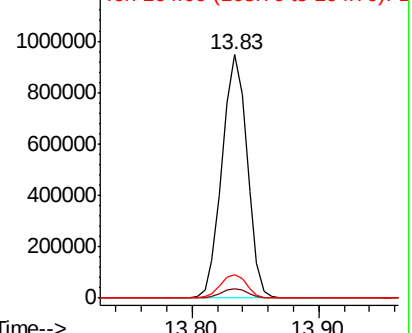


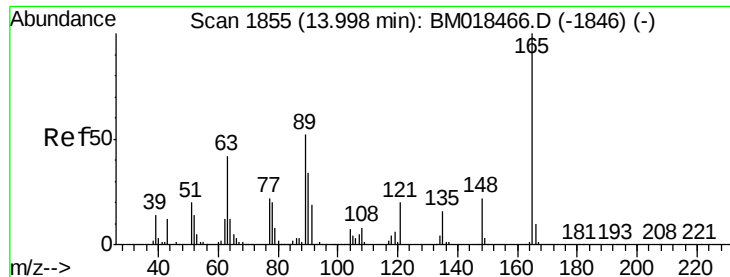
Abundance

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

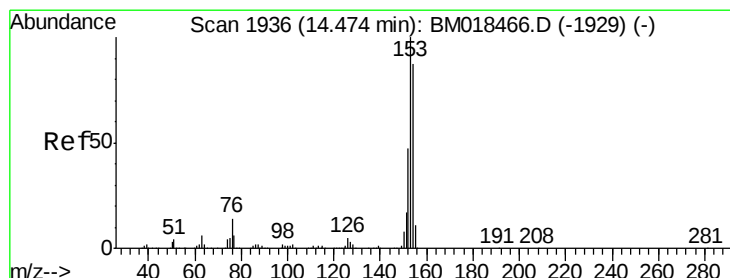
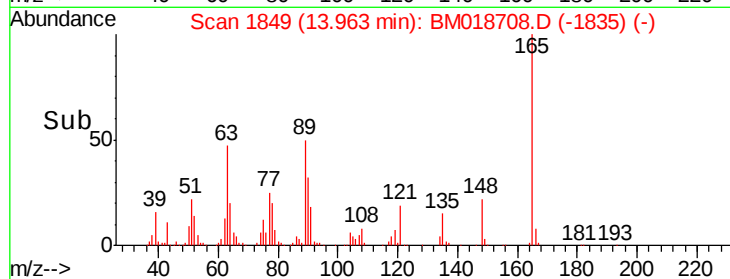
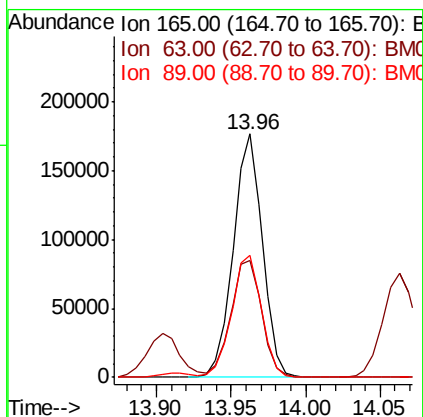
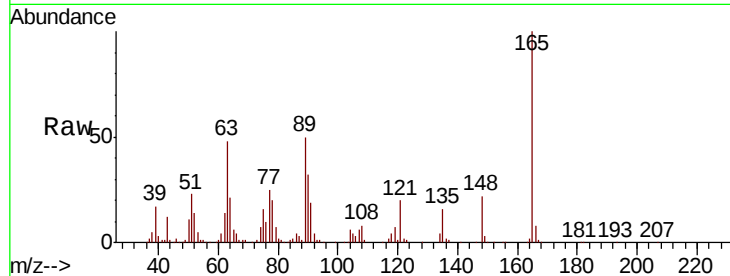




#51
2,6-Dinitrotoluene
Concen: 32.687 ng
RT: 13.96 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

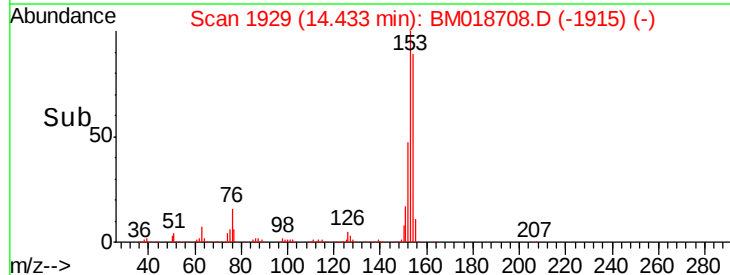
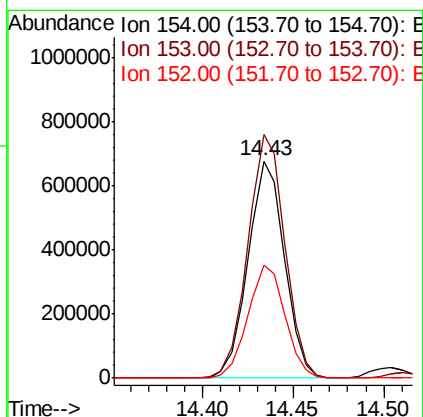
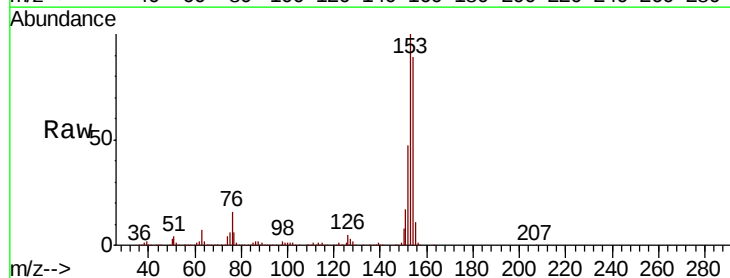
Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

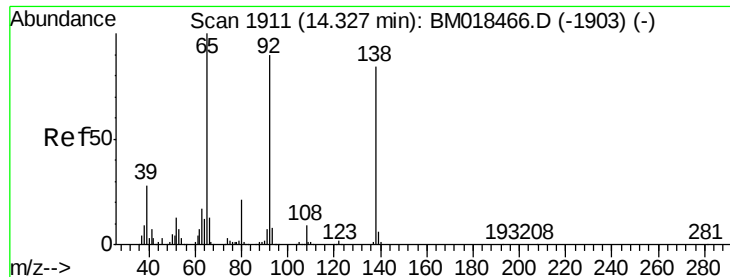
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.2	45.6	68.4
89	50.1	44.6	66.8



#52
Acenaphthene
Concen: 37.014 ng
RT: 14.43 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	92.3	138.5
152	52.4	43.8	65.6

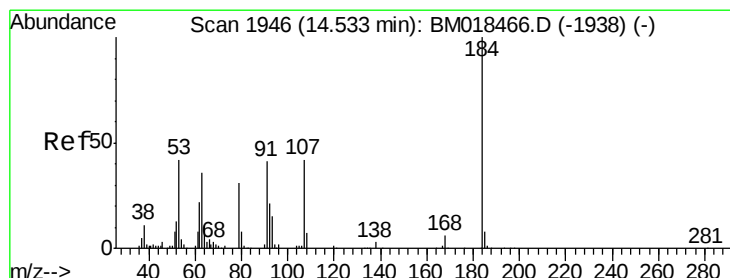
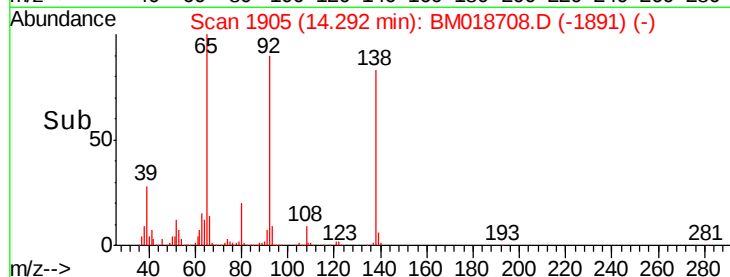
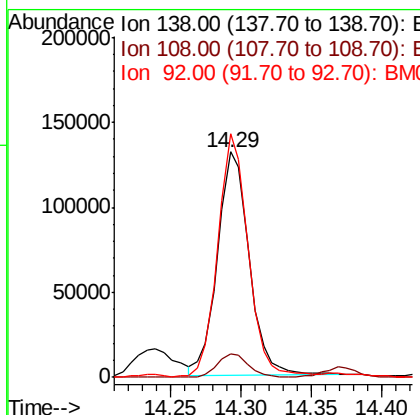
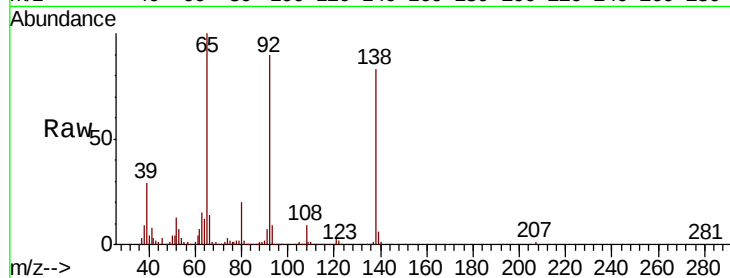




#53
3-Nitroaniline
Concen: 27.744 ng
RT: 14.29 min Scan# 1905
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

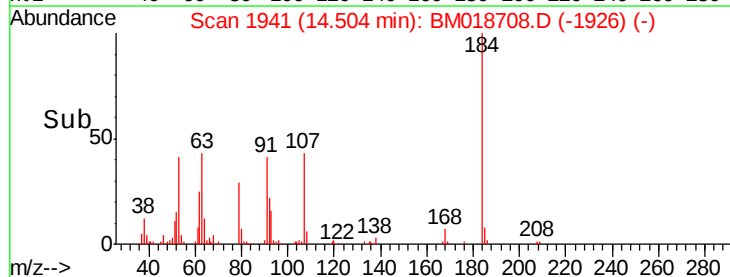
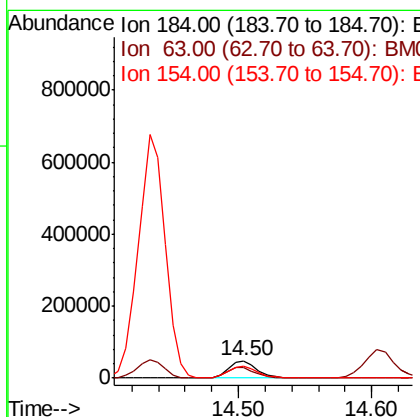
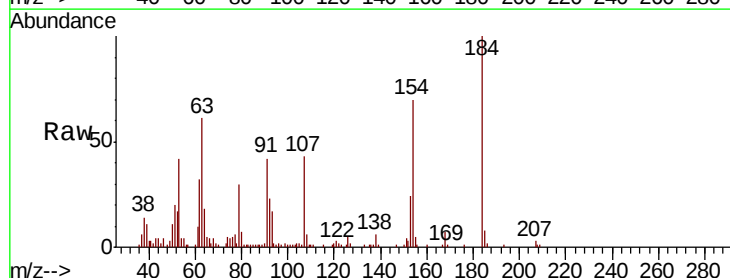
Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

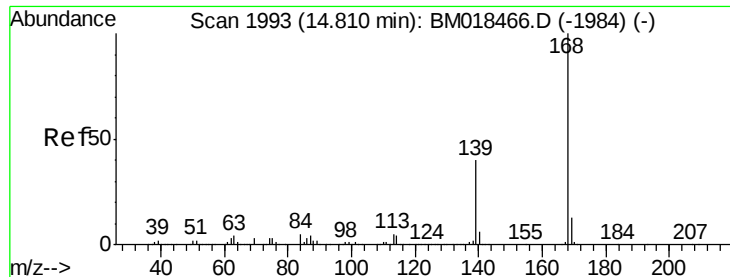
Tot Ion:138 Resp: 205506
Ion Ratio Lower Upper
138 100
108 10.4 9.1 13.7
92 108.0 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 23.905 ng
RT: 14.50 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion:184 Resp: 73010
Ion Ratio Lower Upper
184 100
63 60.7 55.9 83.9
154 69.5 54.2 81.4





#55

Dibenzofuran

Concen: 35.181 ng

RT: 14.77 min Scan# 1986

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

BNA_F

ClientSampleId :

A0C17-SSIMS

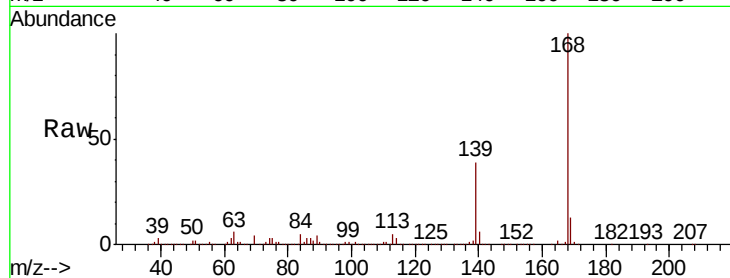
Tot Ion:168 Resp: 1482201

Ion Ratio Lower Upper

168 100

139 38.9 30.3 45.5

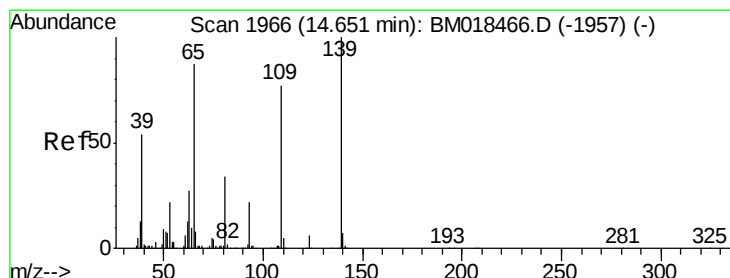
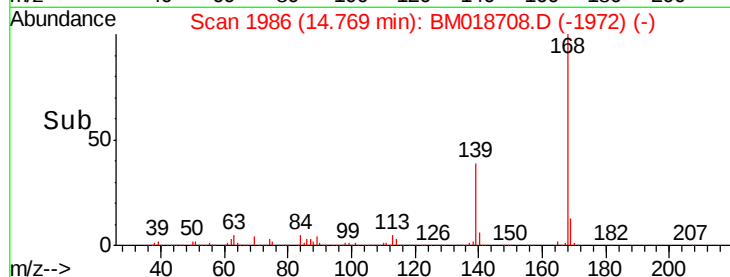
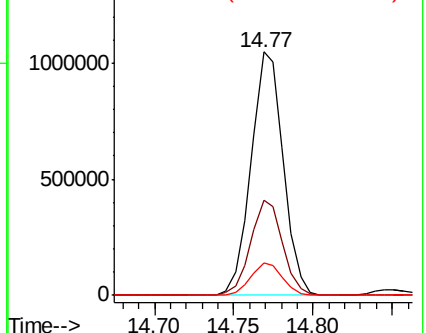
169 13.4 10.6 16.0



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: 69.845 ng

RT: 14.60 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

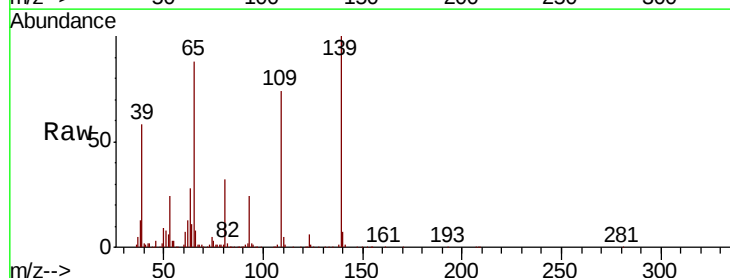
Tgt Ion:139 Resp: 446944

Ion Ratio Lower Upper

139 100

109 74.2 51.7 91.7

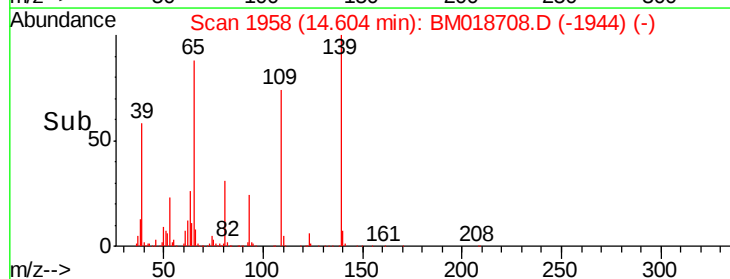
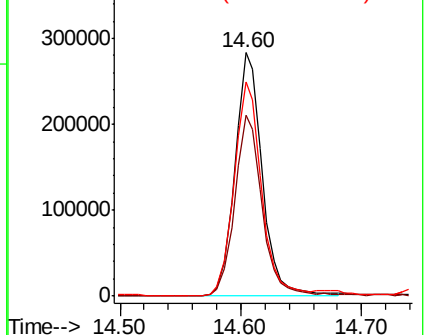
65 88.1 71.4 111.4

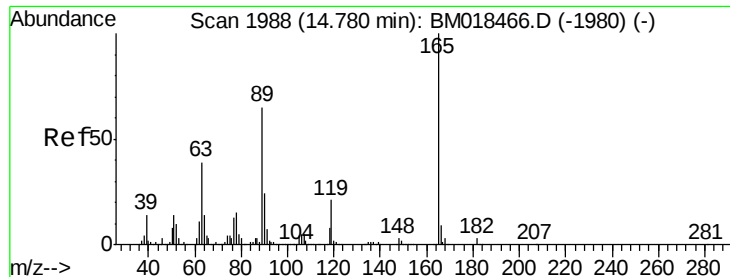


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

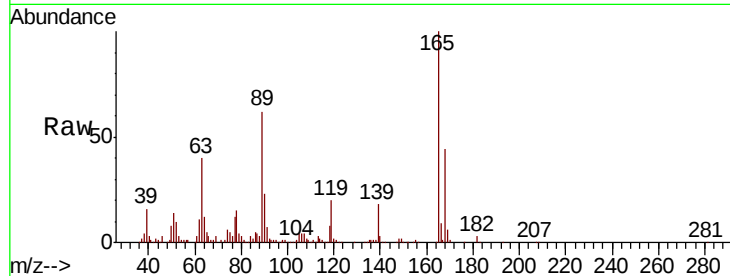




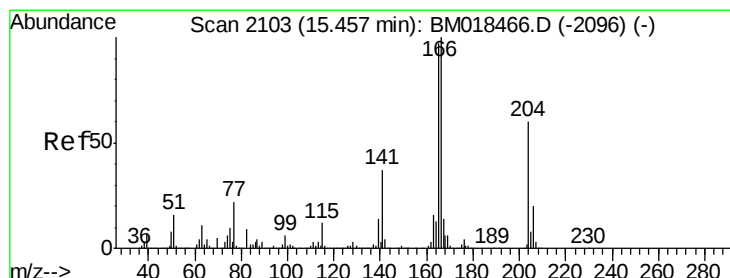
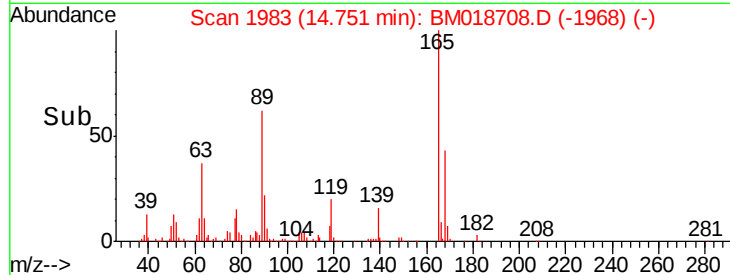
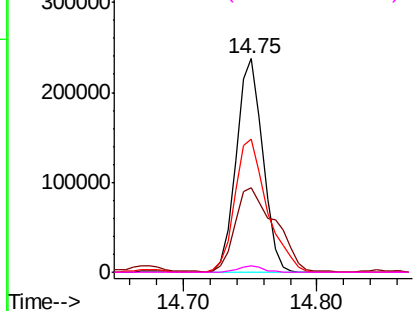
#57
 2,4-Dinitrotoluene
 Concen: 31.573 ng
 RT: 14.75 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BM018708.D
 Acq: 01 Feb 2019 16:17

Instrument :
 BNA_F
 ClientSampleId :
 A0C17-SSIMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.7	32.2	48.2
89	62.2	52.1	78.1
182	3.1	2.5	3.7

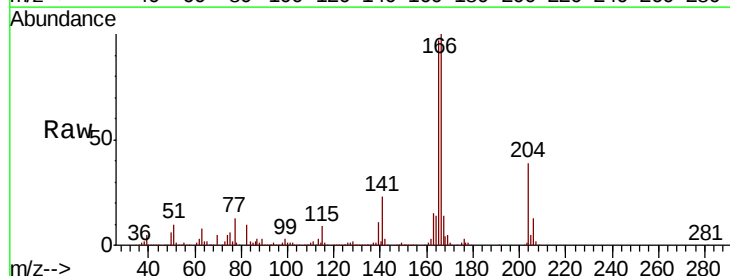


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

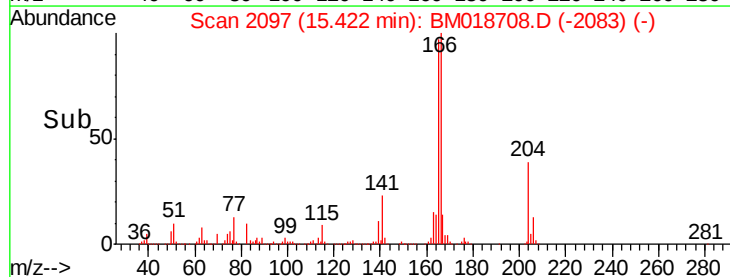
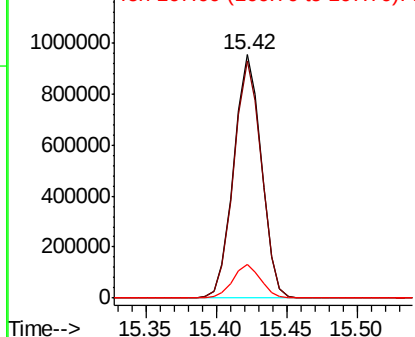


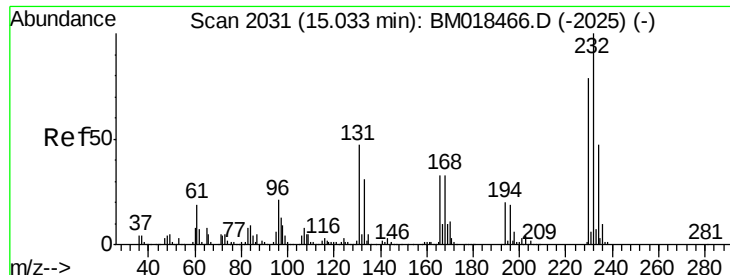
#58
 Fluorene
 Concen: 41.390 ng
 RT: 15.42 min Scan# 2097
 Delta R.T. -0.02 min
 Lab File: BM018708.D
 Acq: 01 Feb 2019 16:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.3	117.5
167	13.7	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

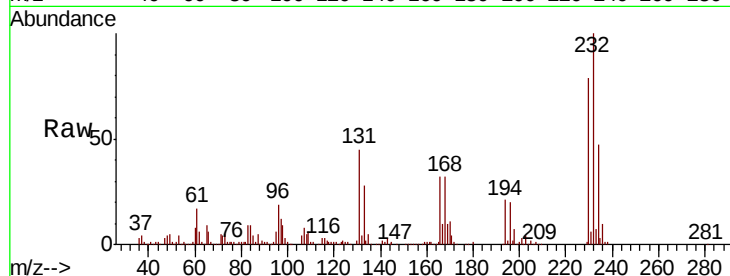




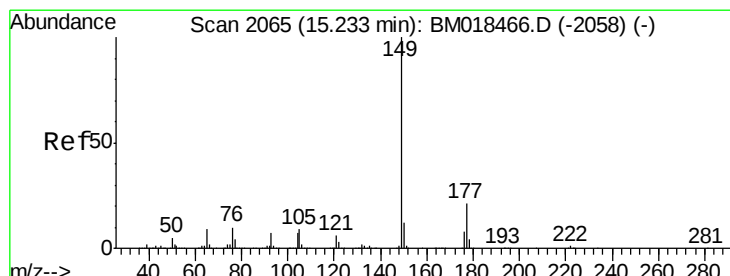
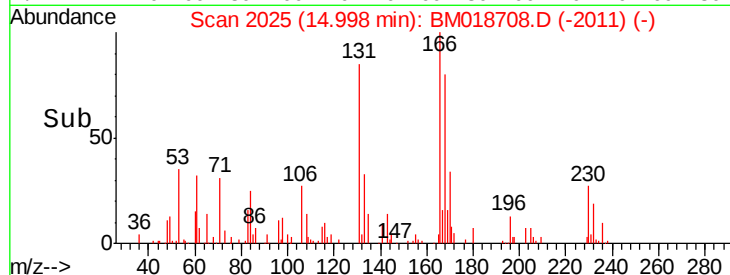
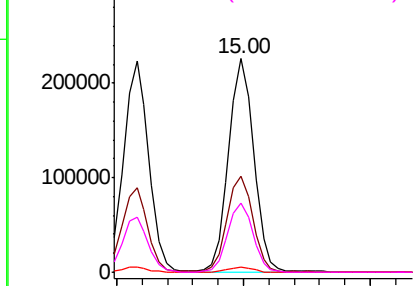
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.110 ng
 RT: 15.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BM018708.D
 Acq: 01 Feb 2019 16:17

Instrument :
 BNA_F
 ClientSampleId :
 A0C17-SSIMS

Tot Ion:232	Resp:	310271
Ion	Ratio	Lower Upper
232	100	
131	45.8	38.6 57.8
130	2.5	2.2 3.4
166	32.8	27.2 40.8

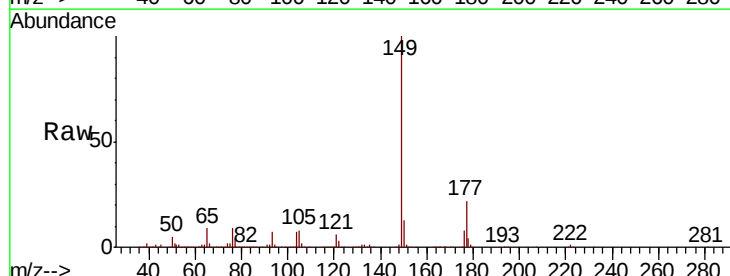


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

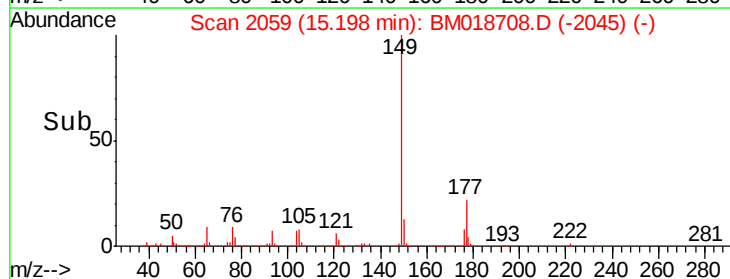
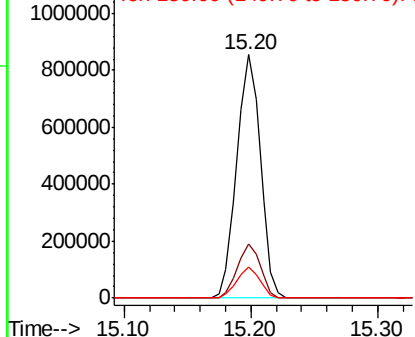


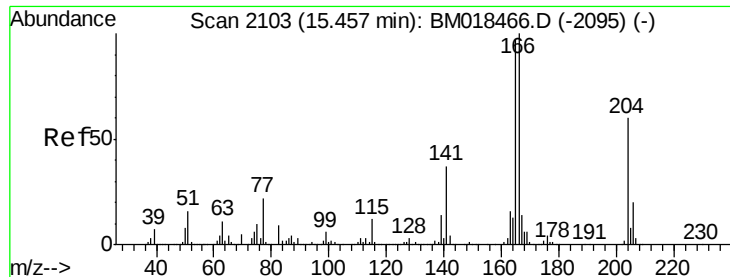
#60
 Diethylphthalate
 Concen: 31.534 ng
 RT: 15.20 min Scan# 2059
 Delta R.T. -0.02 min
 Lab File: BM018708.D
 Acq: 01 Feb 2019 16:17

Tgt Ion:149	Resp:	1104191
Ion	Ratio	Lower Upper
149	100	
177	22.0	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

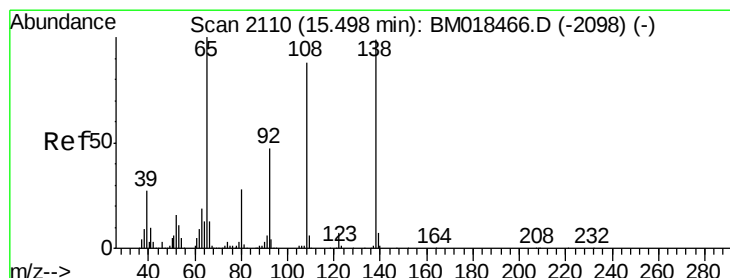
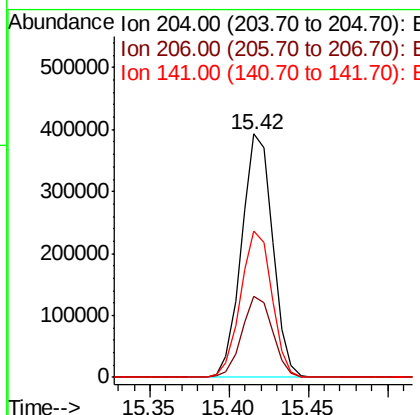
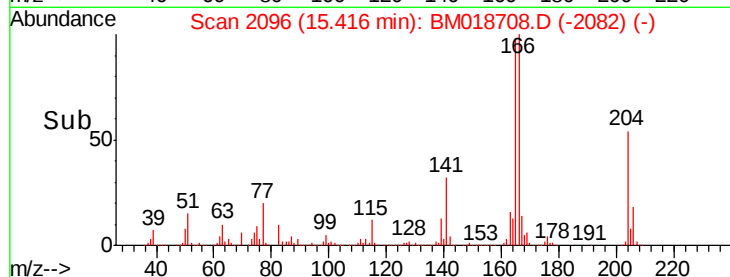
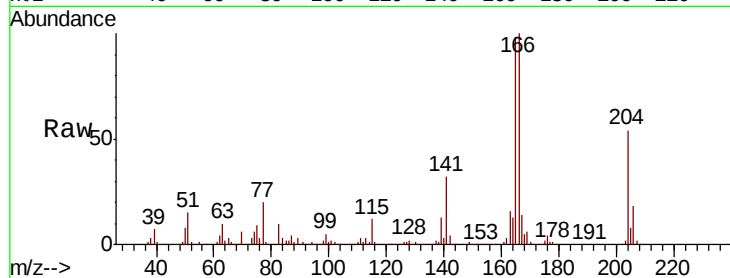




#61
4-Chlorophenyl-phenylether
Concen: 29.560 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

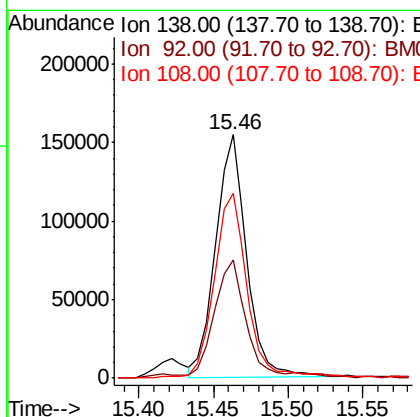
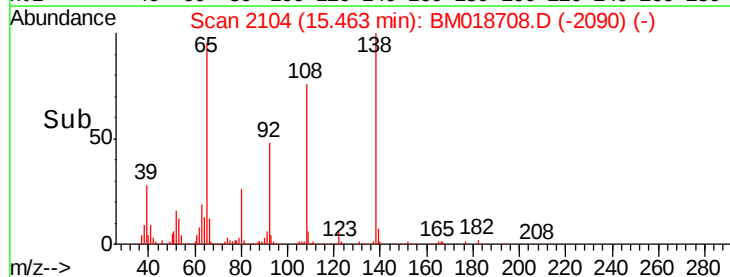
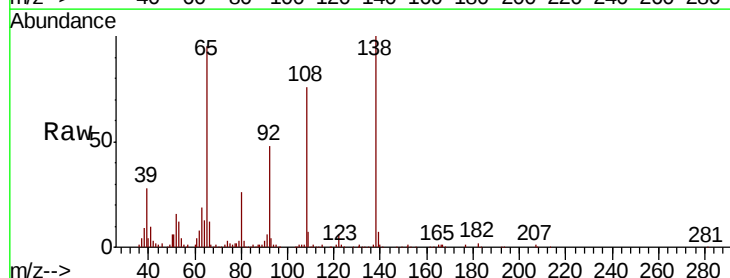
Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

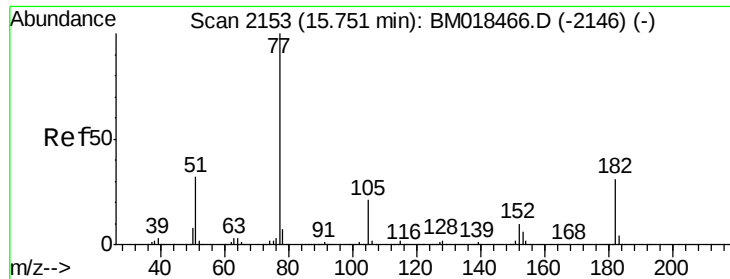
Tot Ion:204 Resp: 534693
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 60.0 49.5 74.3



#62
4-Nitroaniline
Concen: 27.639 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion:138 Resp: 223307
Ion Ratio Lower Upper
138 100
92 48.3 29.0 69.0
108 76.1 63.9 103.9

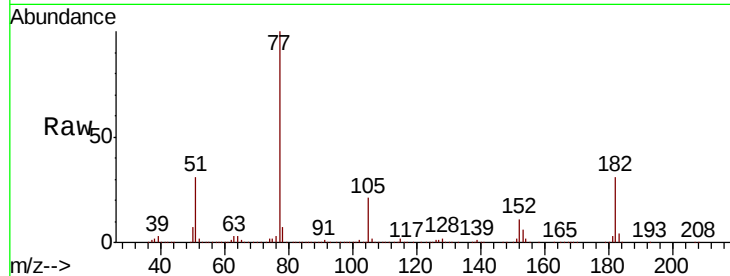




#63
Azobenzene
Concen: 30.997 ng
RT: 15.71 min Scan# 2146
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.1	7.4	47.4	
105	21.1	0.0	39.6	
51	31.2	12.0	52.0	



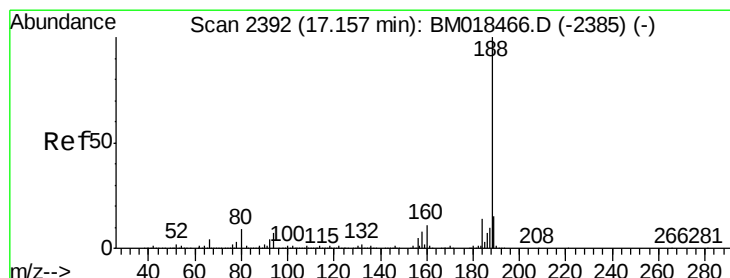
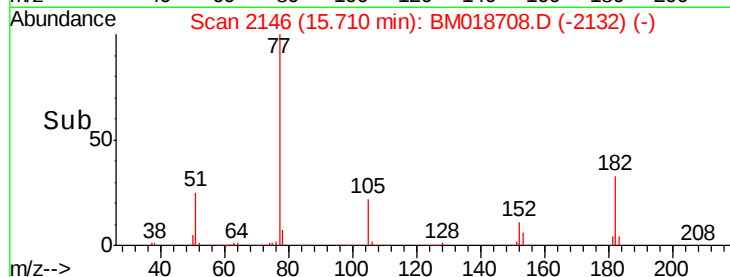
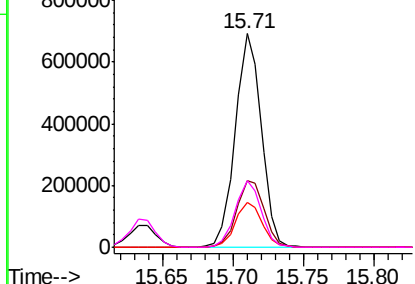
Abundance

Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)

Ion 182.00 (181.70 to 182.70): BM018466.D (-2146) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-2146) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-2146) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

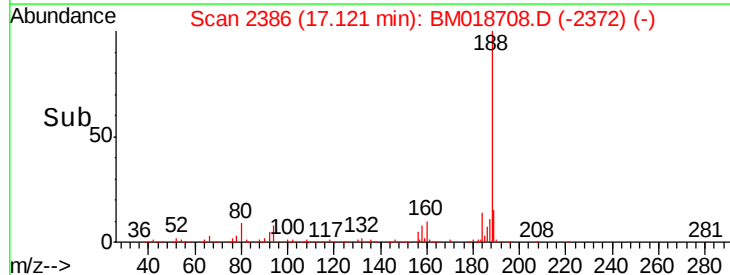
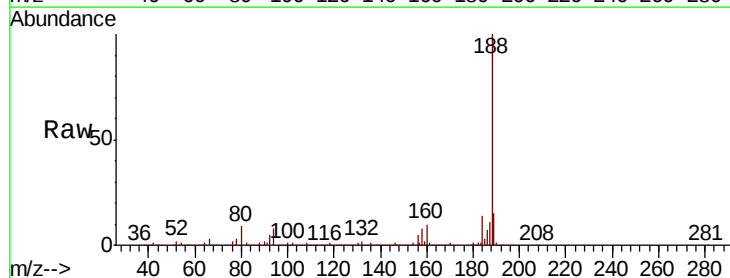
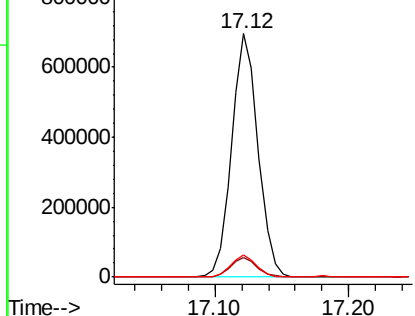
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	7.1	10.7	
80	8.9	7.6	11.4	

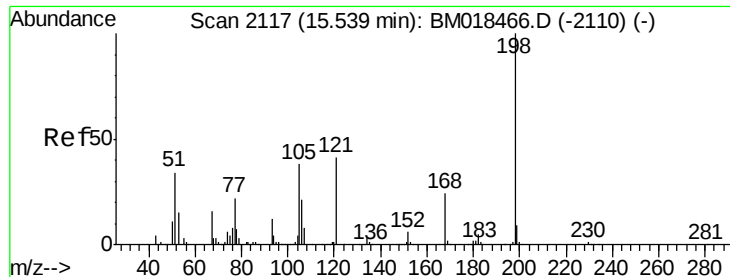
Abundance

Ion 188.00 (187.70 to 188.70): BM018466.D (-2385) (-)

Ion 94.00 (93.70 to 94.70): BM018466.D (-2385) (-)

Ion 80.00 (79.70 to 80.70): BM018466.D (-2385) (-)

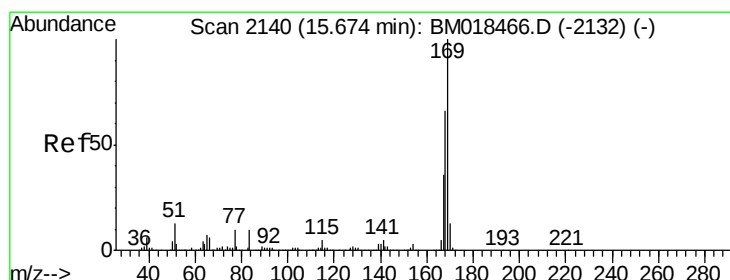
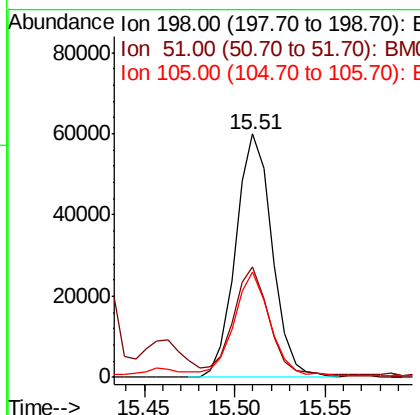
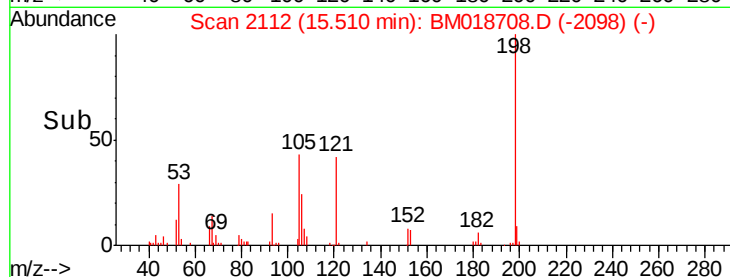
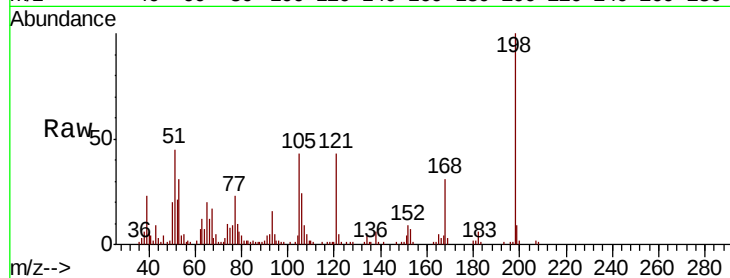




#65
 4,6-Dinitro-2-methylphenol
 Concen: 17.608 ng
 RT: 15.51 min Scan# 2112
 Delta R.T. -0.02 min
 Lab File: BM018708.D
 Acq: 01 Feb 2019 16:17

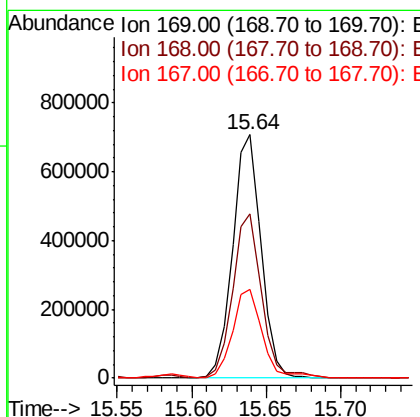
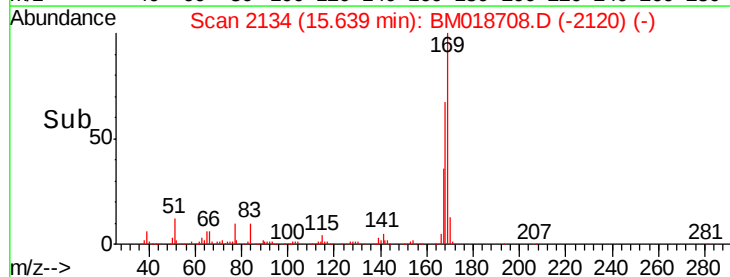
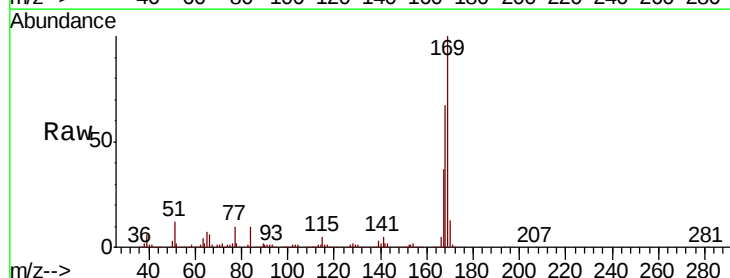
Instrument :
 BNA_F
 ClientSampleId :
 A0C17-SSIMS

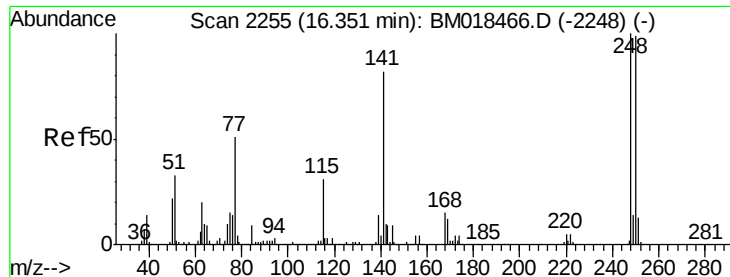
Tot Ion	198	Resp	83769
Ion Ratio	100	Lower	Upper
51	45.2	29.6	69.6
105	43.5	25.5	65.5



#66
 n-Nitrosodiphenylamine
 Concen: 31.608 ng
 RT: 15.64 min Scan# 2134
 Delta R.T. -0.02 min
 Lab File: BM018708.D
 Acq: 01 Feb 2019 16:17

Tgt Ion	169	Resp	936370
Ion Ratio	100	Lower	Upper
168	67.2	54.1	81.1
167	36.7	28.6	42.8

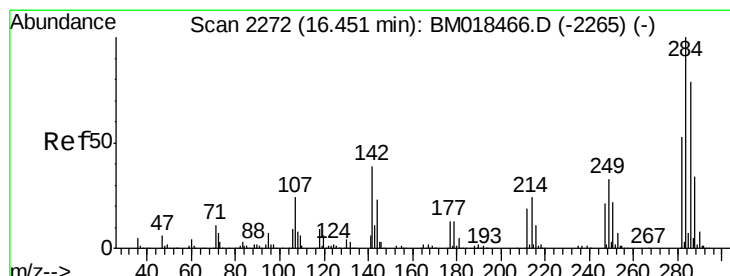
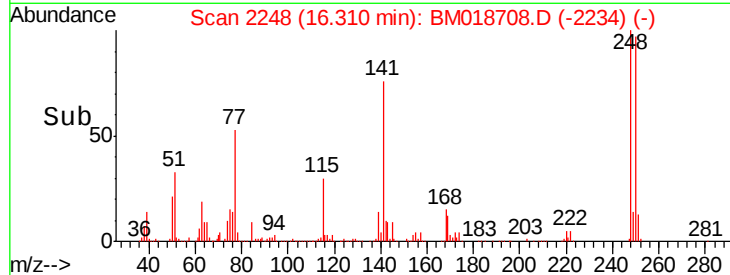
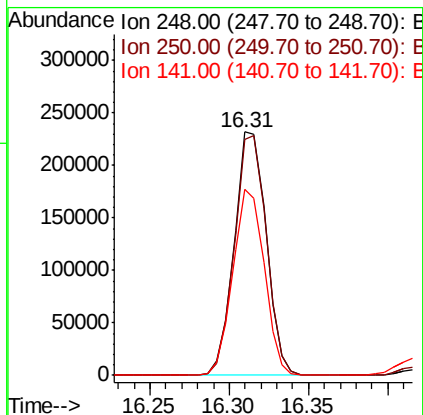
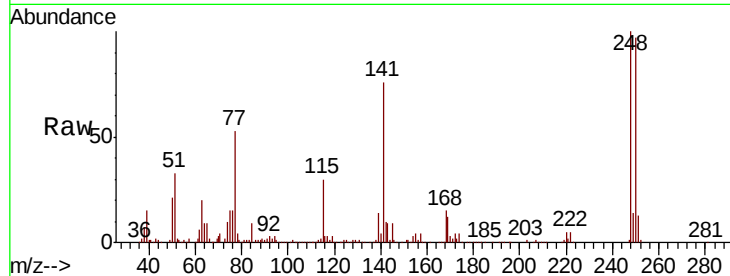




#67
 4-Bromophenyl-phenylether
 Concen: 30.355 ng
 RT: 16.31 min Scan# 2248
 Delta R.T. -0.02 min
 Lab File: BM018708.D
 Acq: 01 Feb 2019 16:17

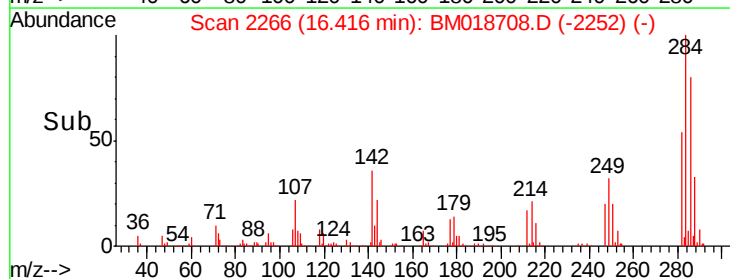
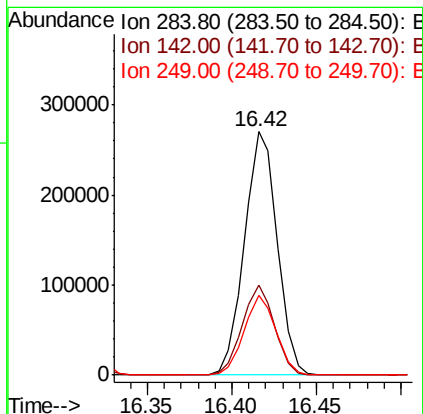
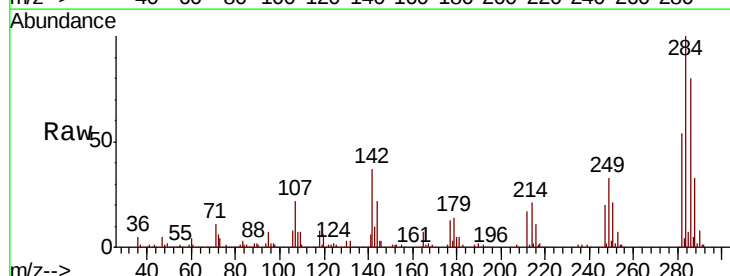
Instrument :
 BNA_F
 ClientSampleId :
 A0C17-SSIMS

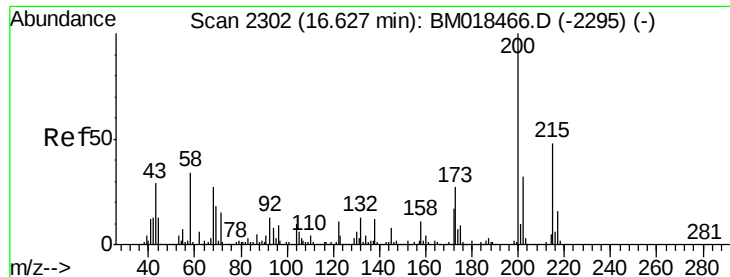
Tot Ion:248 Resp: 324411
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.0 114.0
 141 76.4 61.5 92.3



#68
 Hexachlorobenzene
 Concen: 30.524 ng
 RT: 16.42 min Scan# 2266
 Delta R.T. -0.02 min
 Lab File: BM018708.D
 Acq: 01 Feb 2019 16:17

Tgt Ion:284 Resp: 365191
 Ion Ratio Lower Upper
 284 100
 142 36.8 29.2 43.8
 249 33.0 26.1 39.1





#69

Atrazine

Concen: 31.333 ng

RT: 16.59 min Scan# 2296

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

BNA_F

ClientSampleId :

A0C17-SSIMS

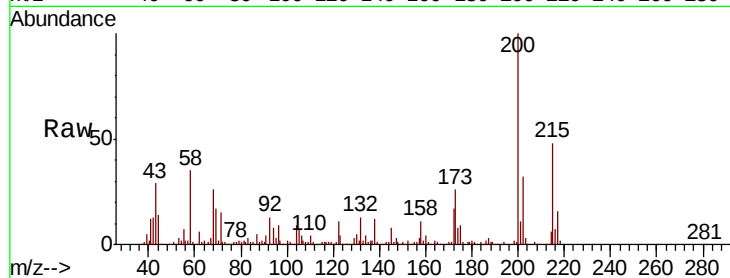
Tot Ion:200 Resp: 335568

Ion Ratio Lower Upper

200 100

173 25.7 7.2 47.2

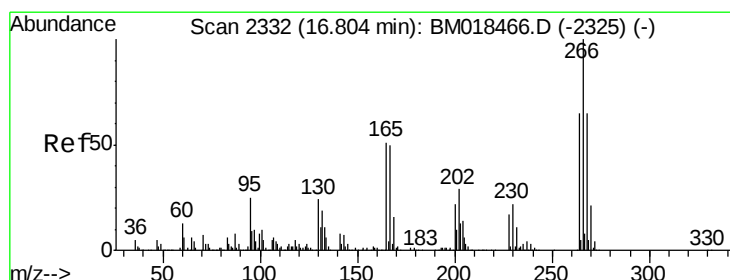
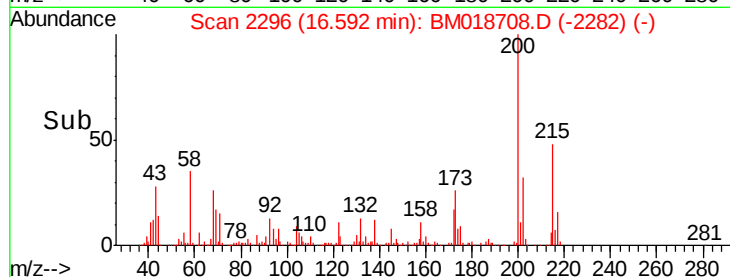
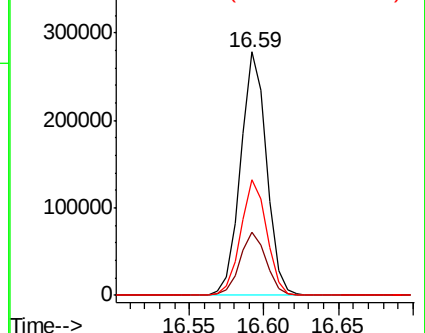
215 47.5 28.3 68.3



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: 62.433 ng

RT: 16.77 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

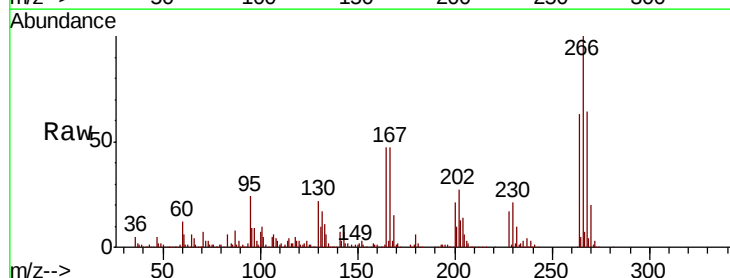
Tgt Ion:266 Resp: 489199

Ion Ratio Lower Upper

266 100

268 63.5 49.8 74.6

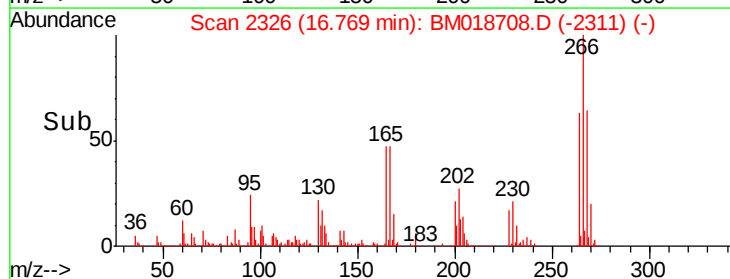
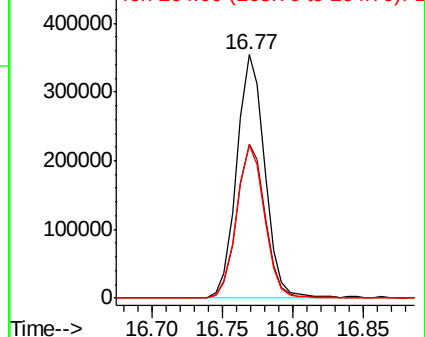
264 62.8 50.1 75.1

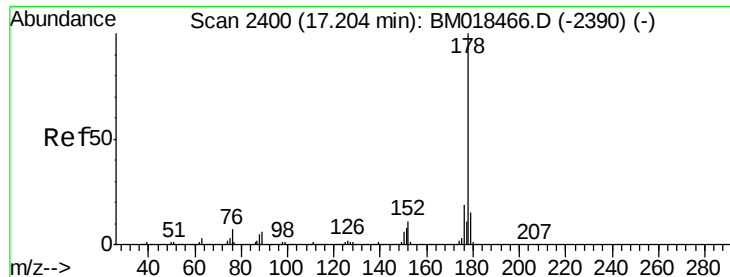


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 114.319 ng

RT: 17.17 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

BNA_F

ClientSampleId :

A0C17-SSIMS

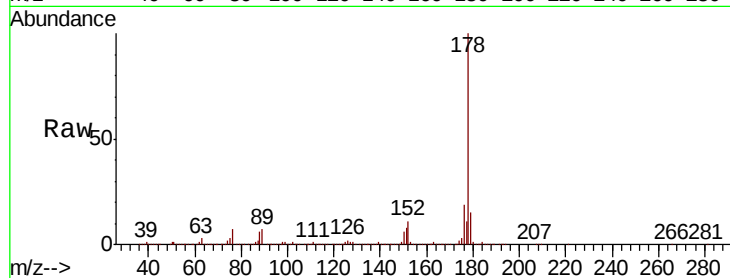
Tot Ion:178 Resp: 5807103

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

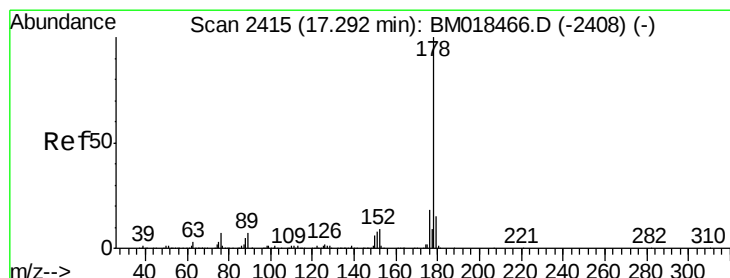
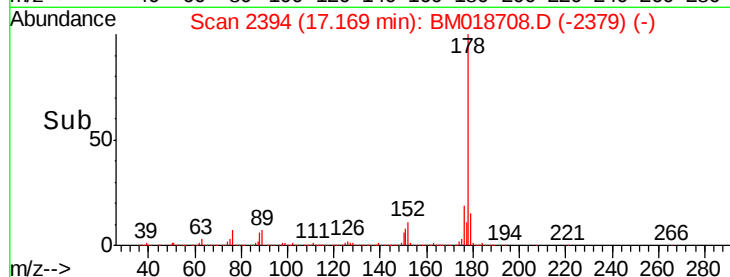
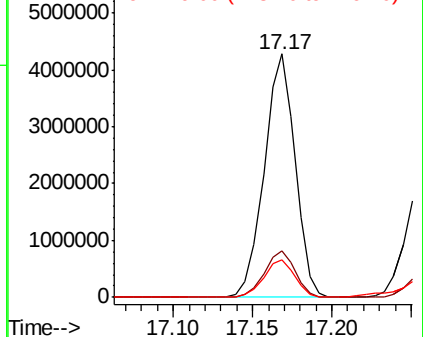
179 15.3 12.2 18.4



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: 57.533 ng

RT: 17.26 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

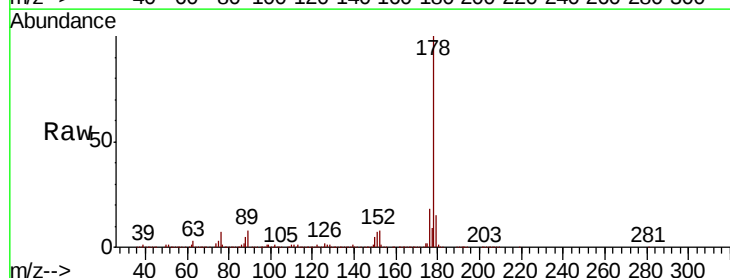
Tgt Ion:178 Resp: 2810330

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

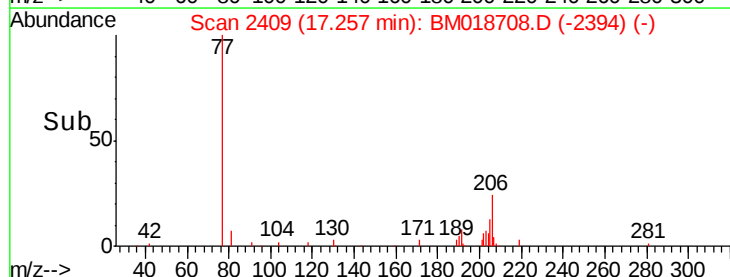
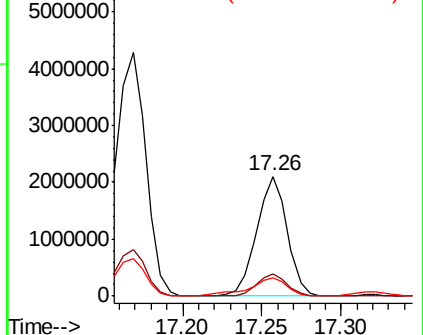
179 15.3 12.2 18.4

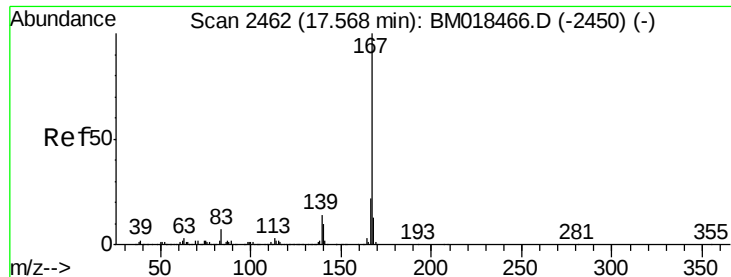


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



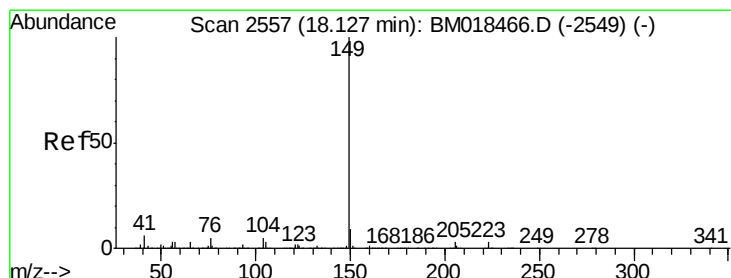
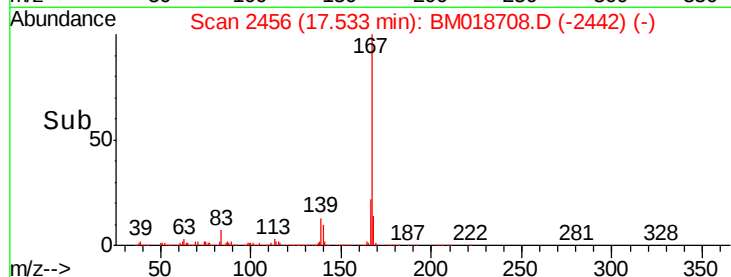
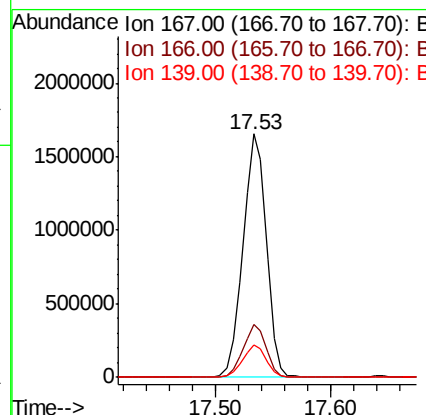
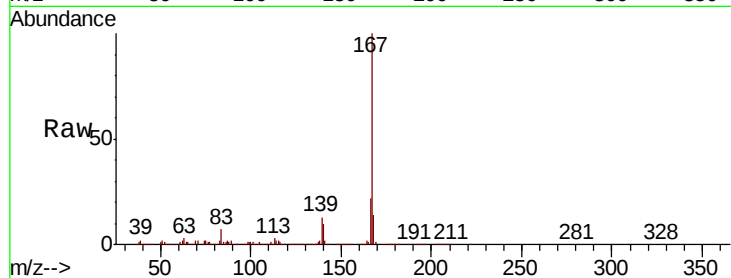


#73
 Carbazole
 Concen: 46.036 ng
 RT: 17.53 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BM018708.D
 Acq: 01 Feb 2019 16:17

Instrument :
 BNA_F
 ClientSampleId :
 A0C17-SSIMS

Tot Ion:167 Resp: 2310308

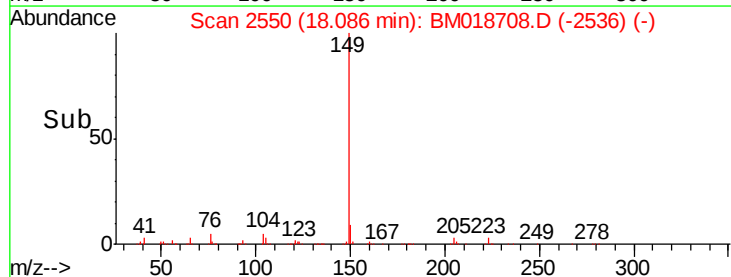
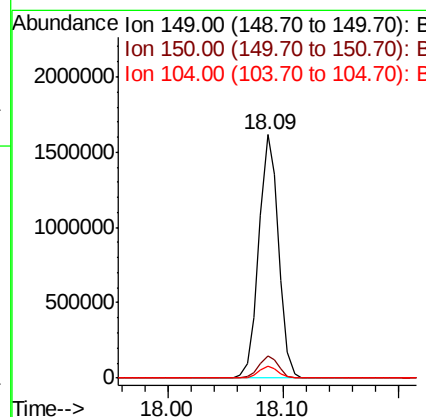
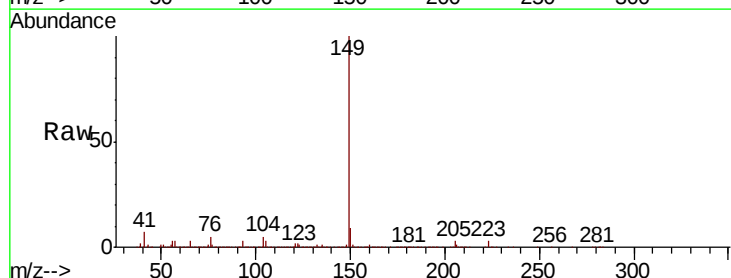
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	13.1	10.6	16.0

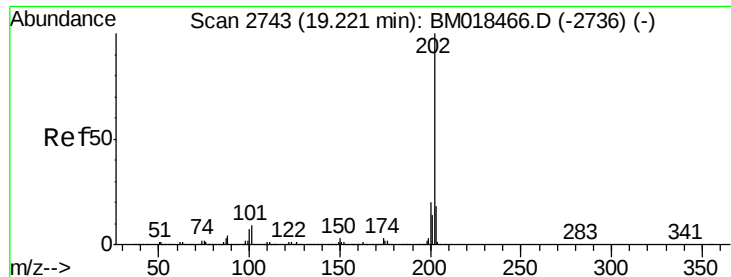


#74
 Di-n-butylphthalate
 Concen: 34.907 ng
 RT: 18.09 min Scan# 2550
 Delta R.T. -0.02 min
 Lab File: BM018708.D
 Acq: 01 Feb 2019 16:17

Tgt Ion:149 Resp: 1918872

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 126.327 ng

RT: 19.19 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

BNA_F

ClientSampleId :

A0C17-SSIMS

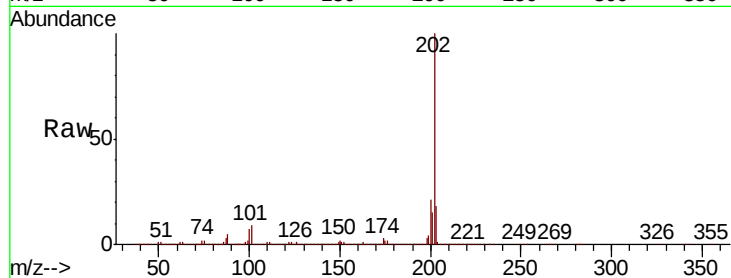
Tot Ion:202 Resp: 7398409

Ion Ratio Lower Upper

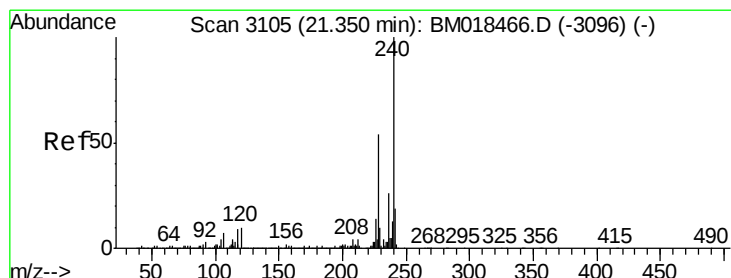
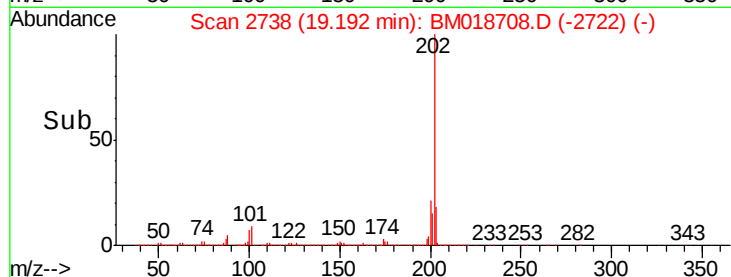
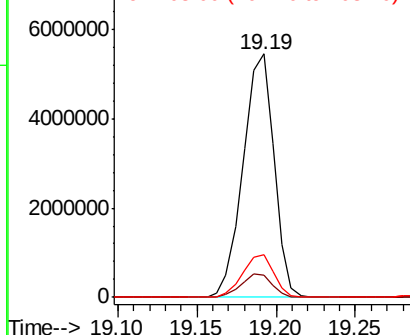
202 100

101 9.3 0.0 30.9

203 17.7 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: 21.32 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

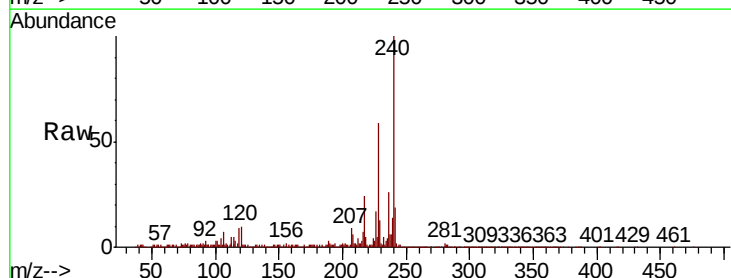
Tgt Ion:240 Resp: 1134963

Ion Ratio Lower Upper

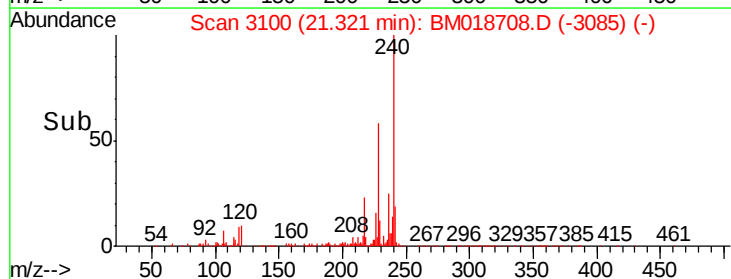
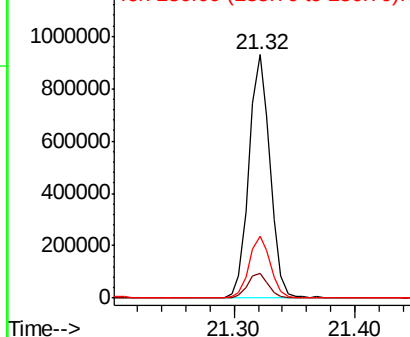
240 100

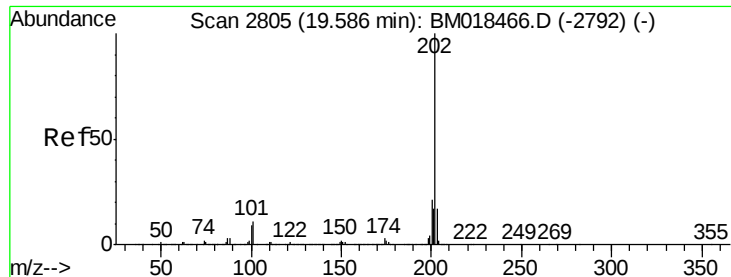
120 9.9 8.4 12.6

236 25.6 20.7 31.1



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

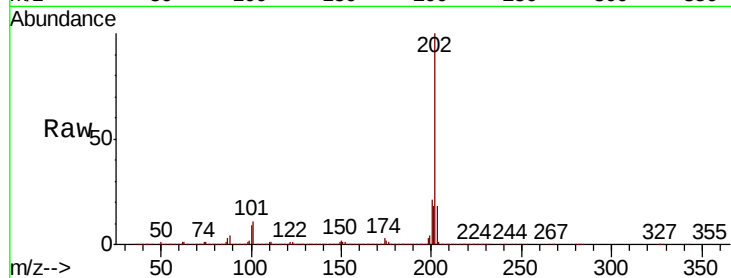




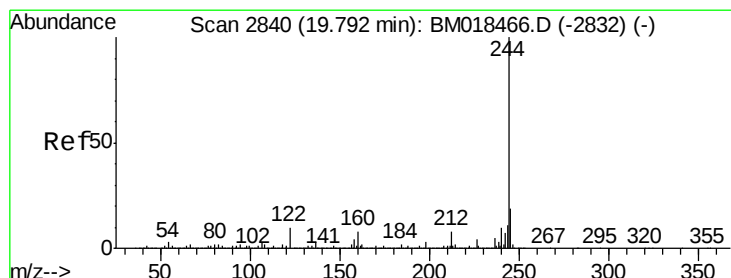
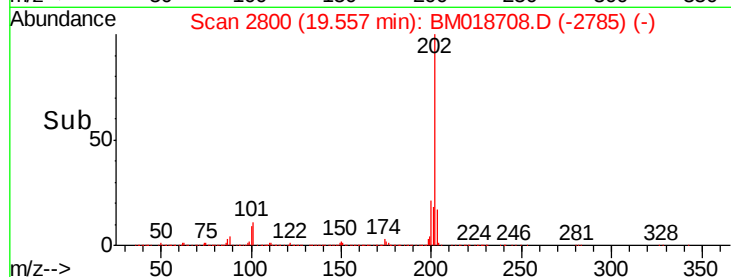
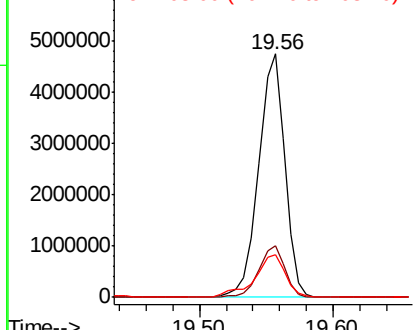
#78
Pvrene
Concen: 95.407 ng
RT: 19.56 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

Tot Ion:202 Resp: 6418459
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 17.7 13.8 20.8

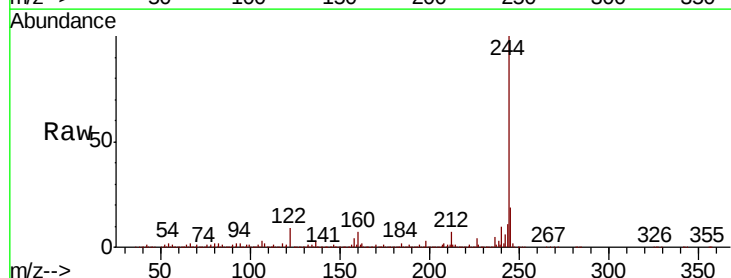


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

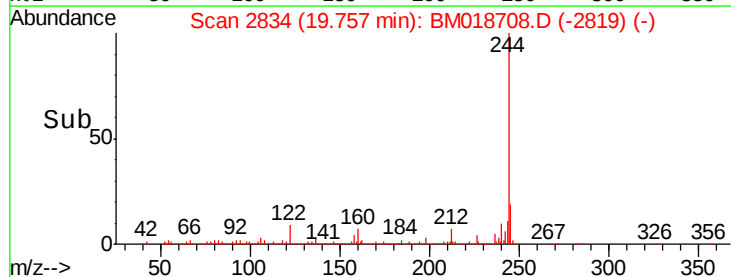
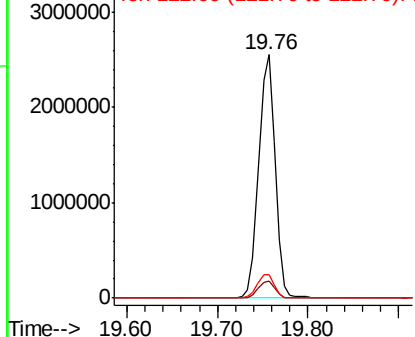


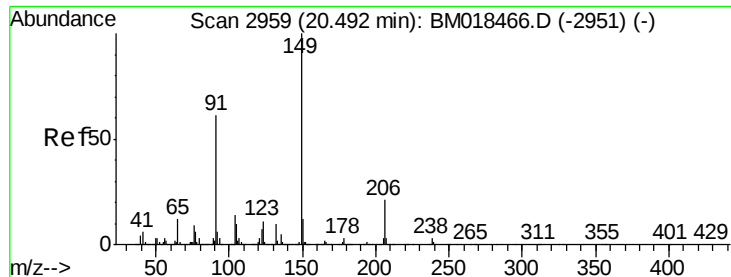
#79
Terphenyl-d14
Concen: 59.606 ng
RT: 19.76 min Scan# 2834
Delta R.T. -0.01 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion:244 Resp: 3209166
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.4 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

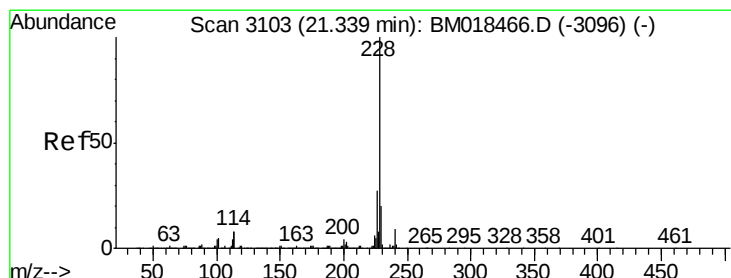
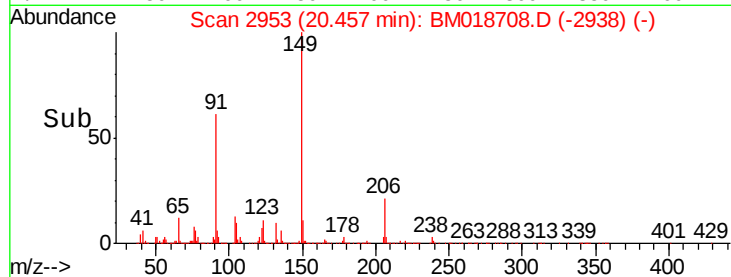
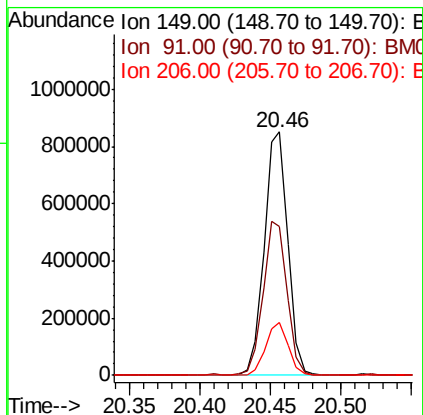
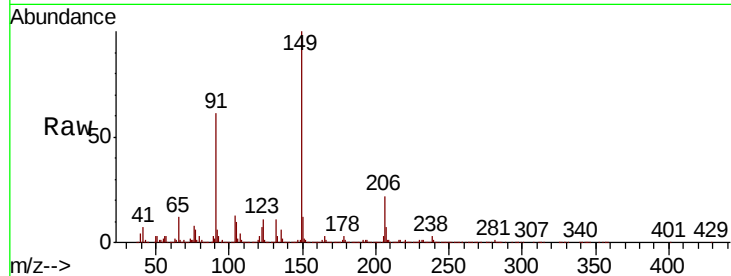




#80
Butylbenzylphthalate
Concen: 34.578 ng
RT: 20.46 min Scan# 2953
Delta R.T. -0.01 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

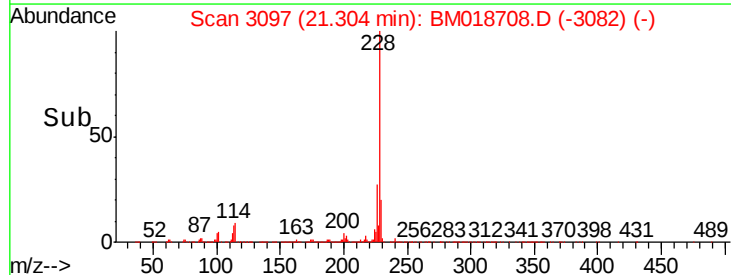
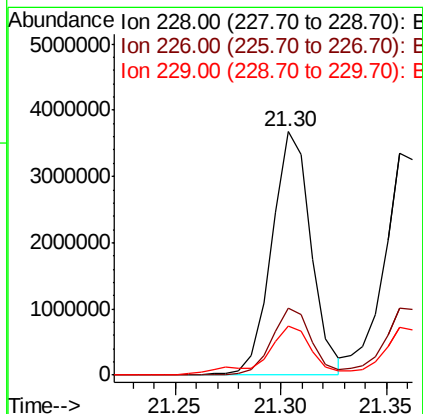
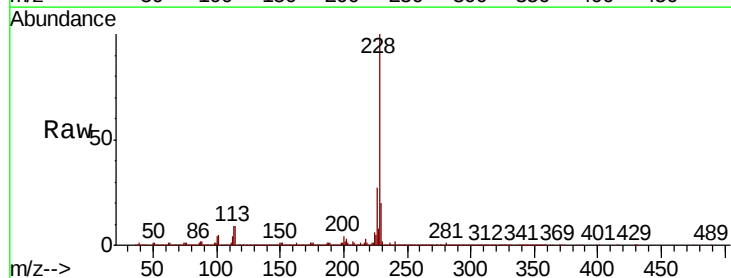
Instrument :
BNA_F
ClientSampled :
A0C17-SSIMS

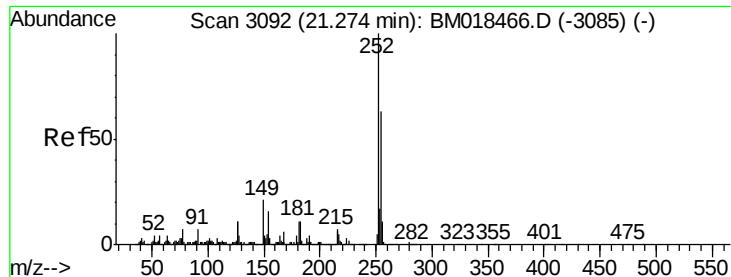
Tot Ion:149 Resp: 992619
Ion Ratio Lower Upper
149 100
91 61.2 53.1 79.7
206 21.6 16.2 24.4



#81
Benzo(a)anthracene
Concen: 70.786 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion:228 Resp: 4732894
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.6
229 20.2 15.8 23.8

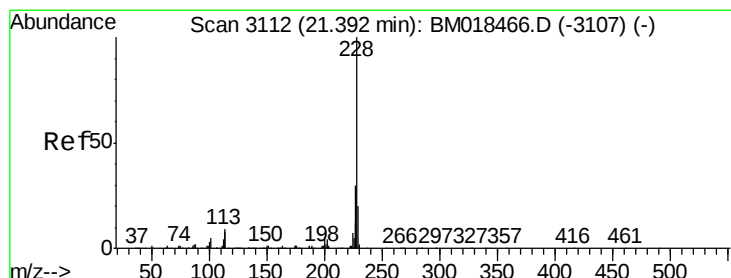
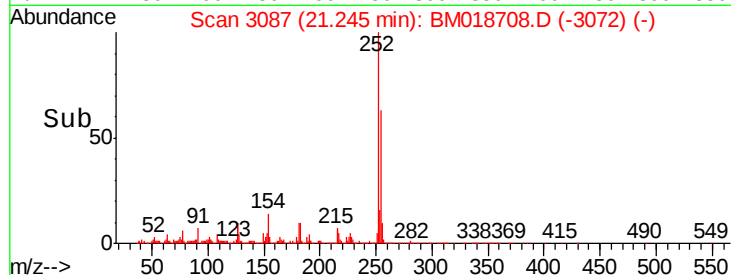
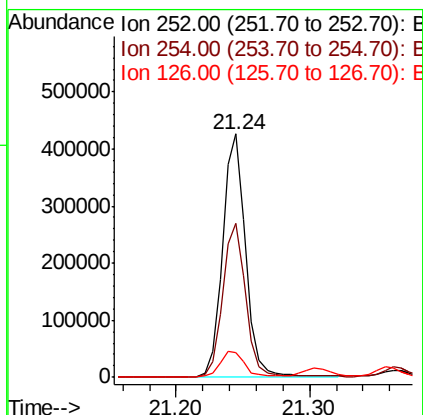
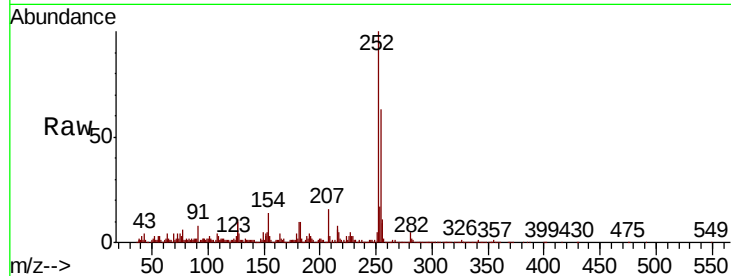




#82
 3,3'-Dichlorobenzidine
 Concen: 20.452 ng
 RT: 21.24 min Scan# 3087
 Delta R.T. -0.01 min
 Lab File: BM018708.D
 Acq: 01 Feb 2019 16:17

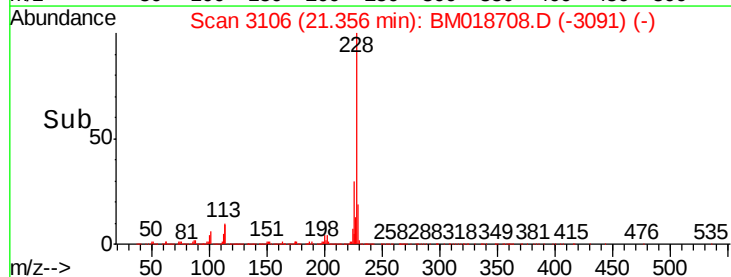
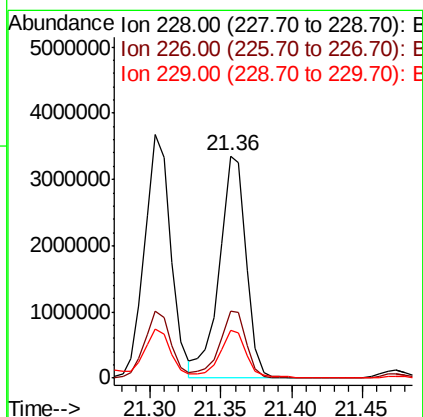
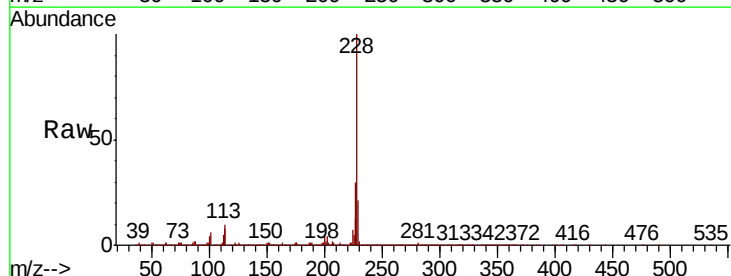
Instrument :
 BNA_F
 ClientSampleId :
 A0C17-SSIMS

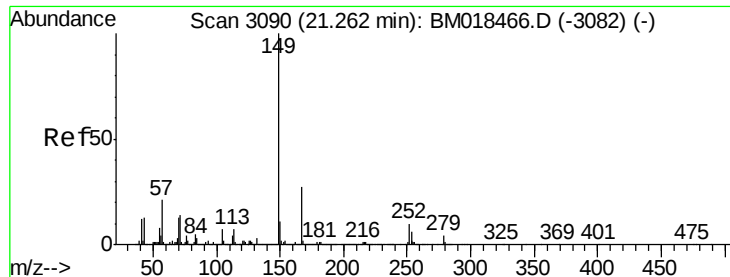
Tot Ion:252 Resp: 517104
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.4 77.0
 126 10.1 8.7 13.1



#83
 Chrysene
 Concen: 68.037 ng
 RT: 21.36 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BM018708.D
 Acq: 01 Feb 2019 16:17

Tgt Ion:228 Resp: 4392874
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.2
 229 21.5 15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 36.657 ng

RT: 21.22 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

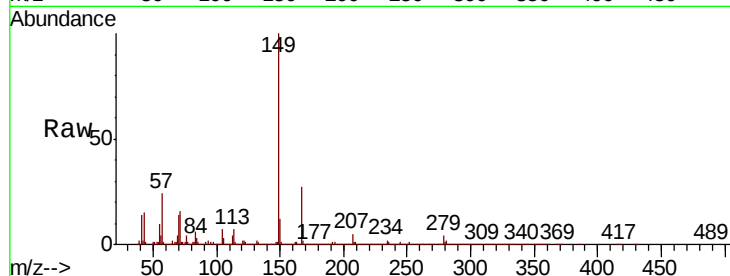
BNA_F

ClientSampleId :

A0C17-SSIMS

Tot Ion:149 Resp: 1519541

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.6	32.4
279	3.8	3.3	4.9

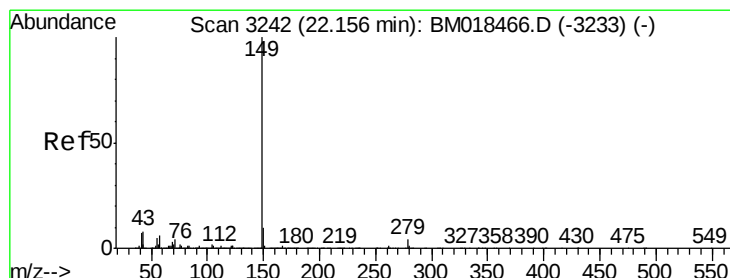
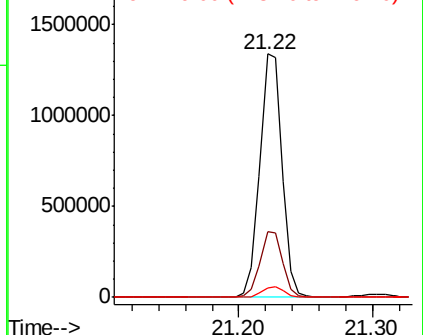
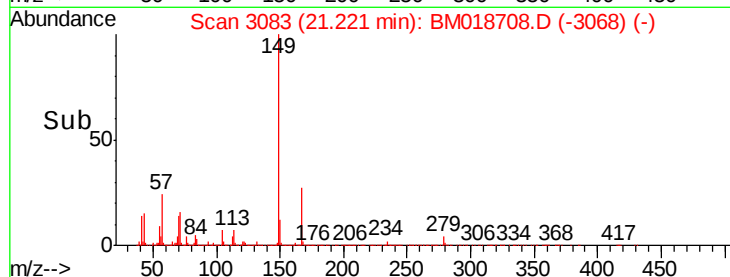


Abundance

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: 37.415 ng

RT: 22.11 min Scan# 3234

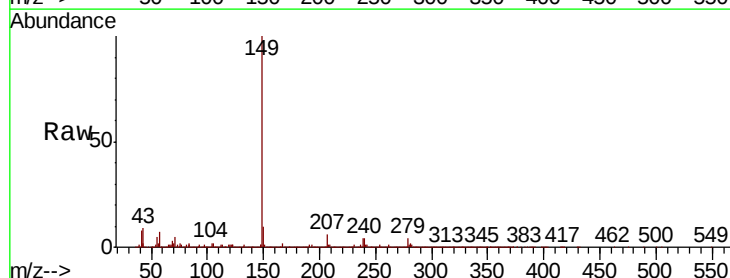
Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Tgt Ion:149 Resp: 2608616

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

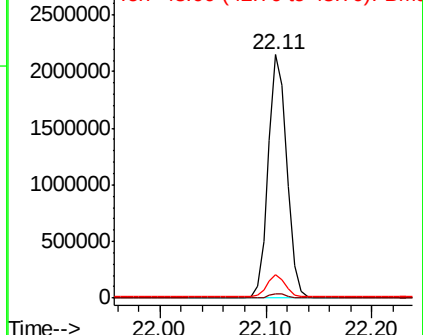
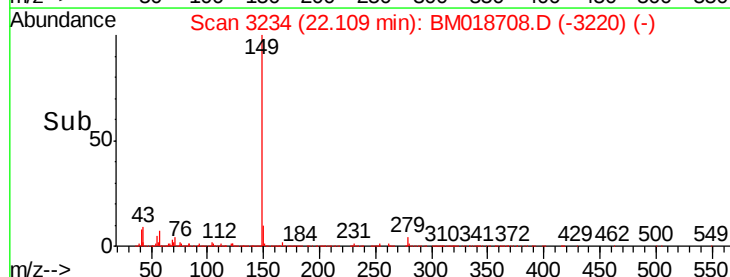


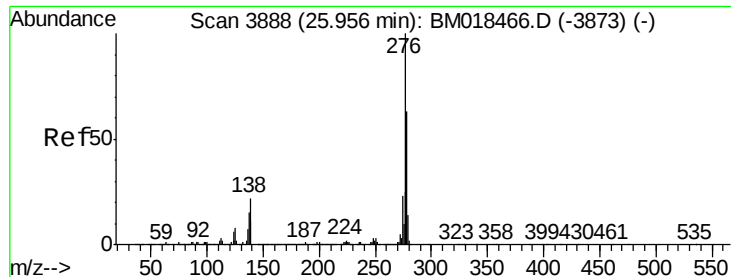
Abundance

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): BM

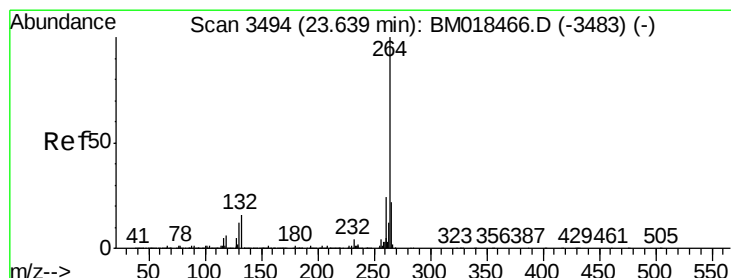
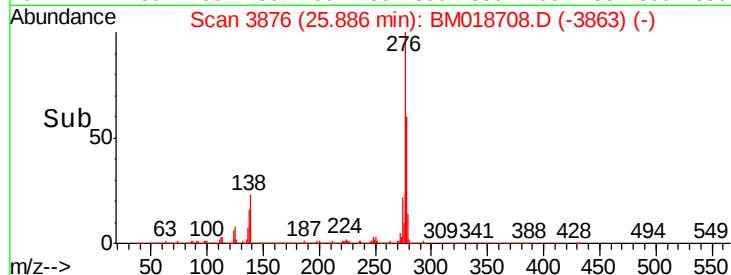
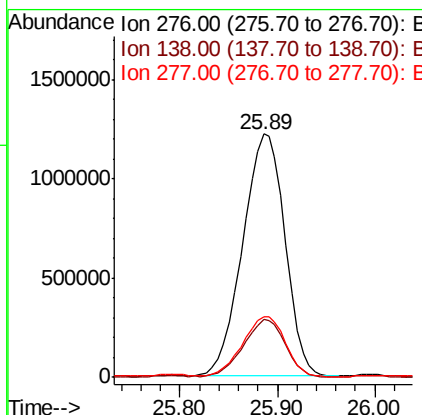
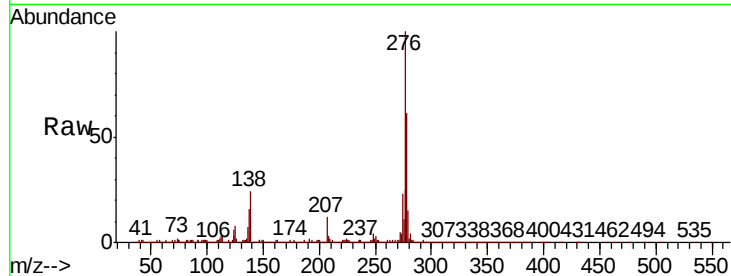




#86
Indeno(1,2,3-cd)pyrene
Concen: 49.431 ng
RT: 25.89 min Scan# 3876
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

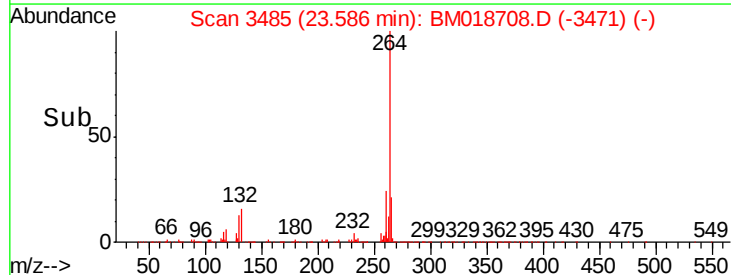
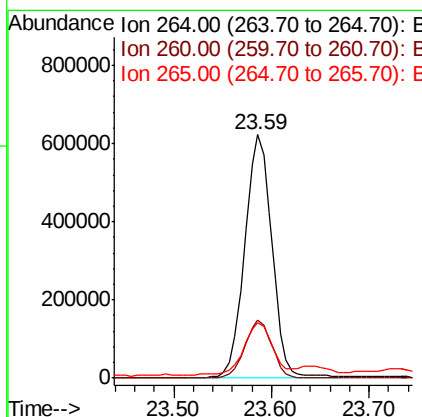
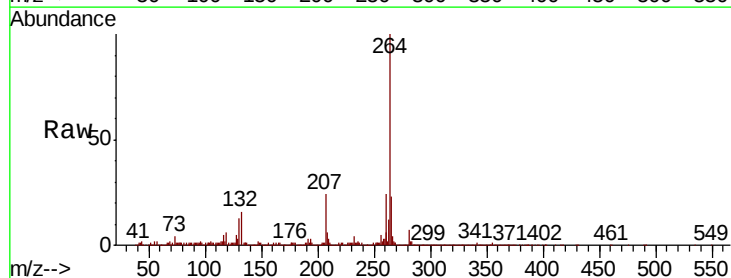
Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

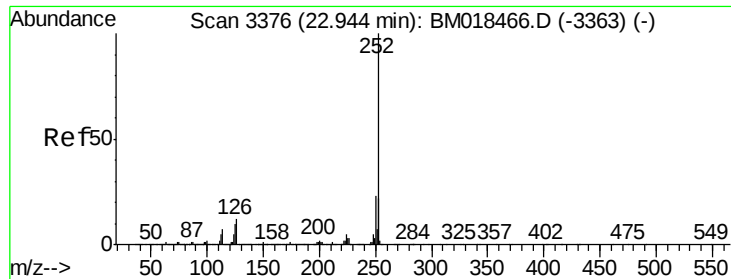
Tot Ion:276 Resp: 3680194
Ion Ratio Lower Upper
276 100
138 23.3 21.5 32.3
277 25.2 20.2 30.2



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.59 min Scan# 3485
Delta R.T. -0.02 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion:264 Resp: 1193014
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 22.8 16.8 25.2

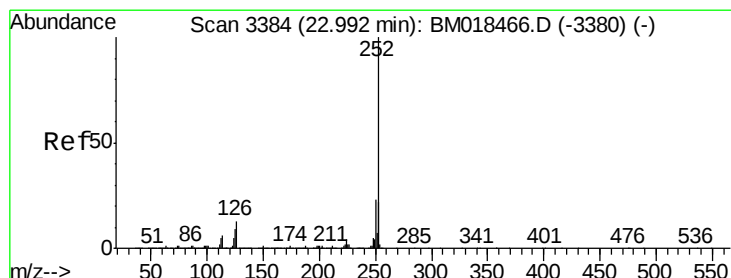
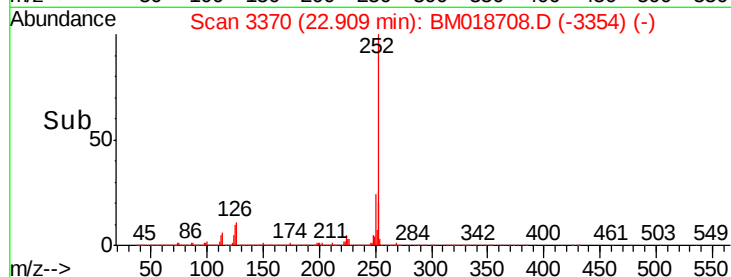
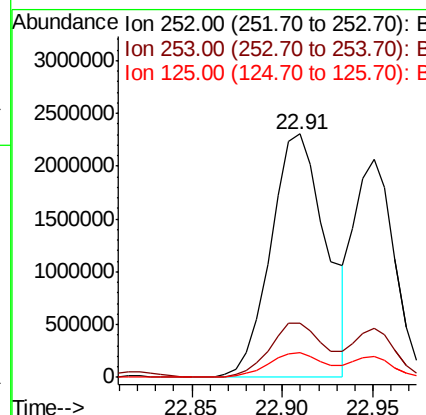
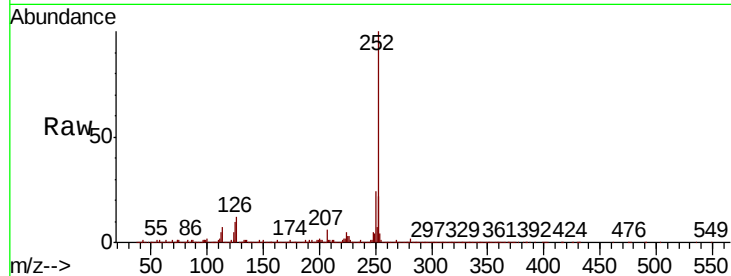




#88
Benzo(b)fluoranthene
Concen: 72.003 ng
RT: 22.91 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

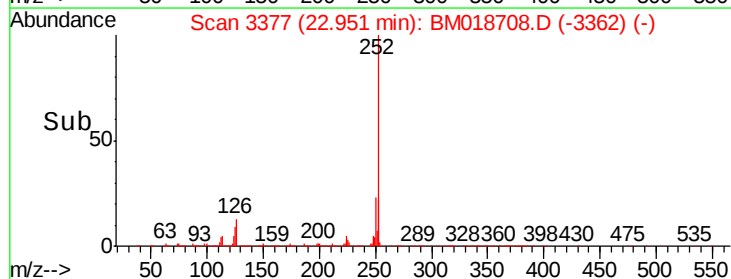
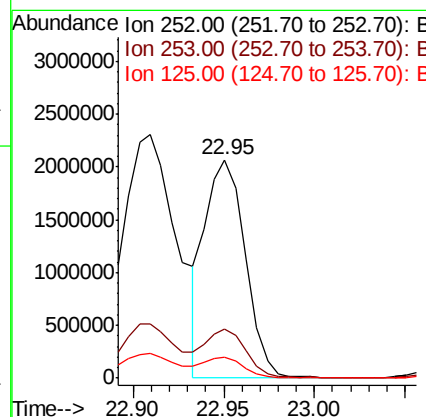
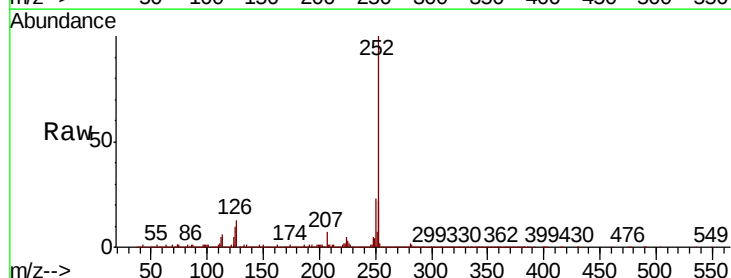
Instrument :
BNA_F
ClientSampleId :
A0C17-SSIMS

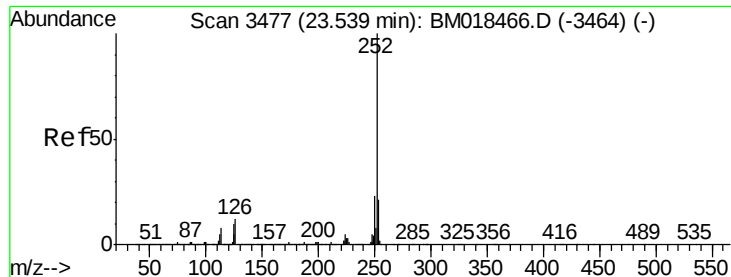
Tot Ion:252 Resp: 4876795
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.0 8.5 12.7



#89
Benzo(k)fluoranthene
Concen: 46.113 ng
RT: 22.95 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM018708.D
Acq: 01 Feb 2019 16:17

Tgt Ion:252 Resp: 3147559
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.6 8.6 12.8





#90

Benzo(a)pyrene

Concen: 62.696 ng

RT: 23.49 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

BNA_F

ClientSampleId :

A0C17-SSIMS

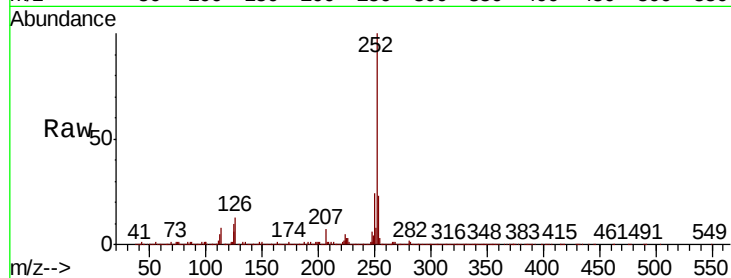
Tot Ion:252 Resp: 4065329

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

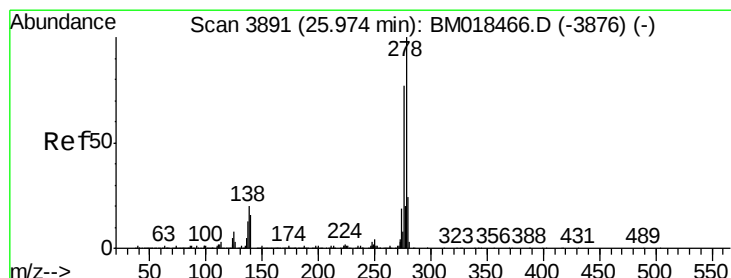
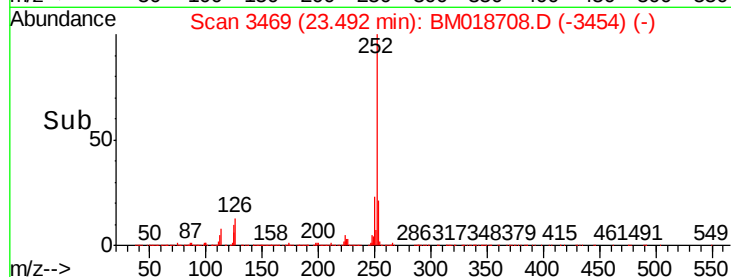
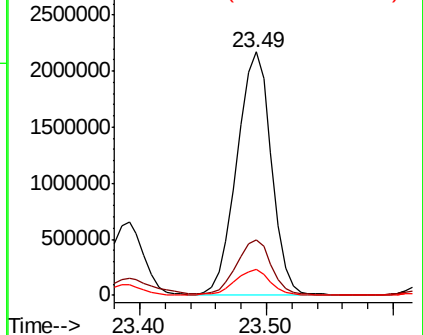
125 10.4 9.7 14.5



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: 37.760 ng

RT: 25.90 min Scan# 3878

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

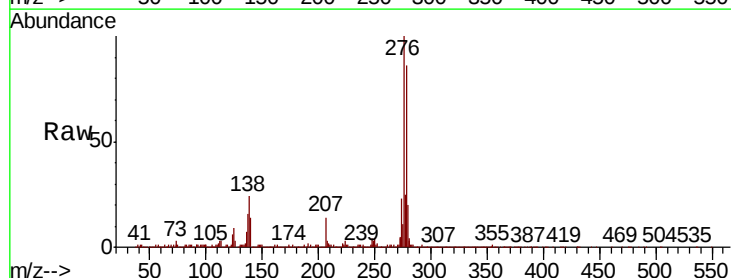
Tgt Ion:278 Resp: 2480895

Ion Ratio Lower Upper

278 100

139 16.2 13.2 19.8

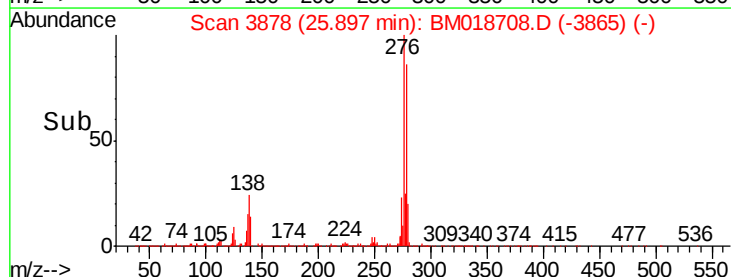
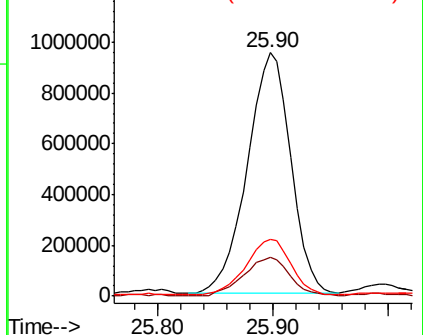
279 23.3 19.0 28.4

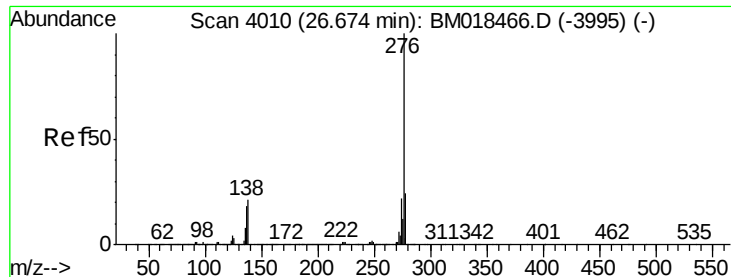


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 49.372 ng

RT: 26.60 min Scan# 3997

Delta R.T. -0.02 min

Lab File: BM018708.D

Acq: 01 Feb 2019 16:17

Instrument :

BNA_F

ClientSampleId :

A0C17-SSIMS

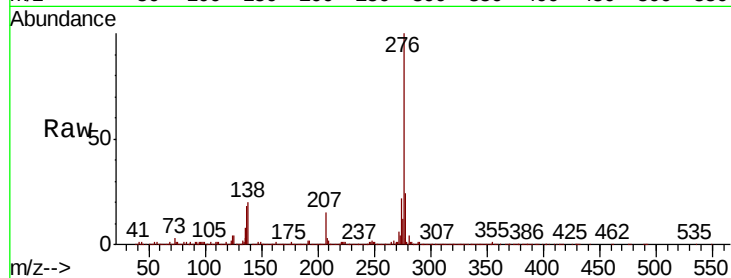
Tot Ion:276 Resp: 3156616

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 20.4 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

