

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\
 Data File : BM018709.D
 Acq On : 01 Feb 2019 16:53
 Operator : JU/SJ
 Sample : K1297-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 01 17:36:59 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	229891	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	901828	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	490320	20.00	ng	-0.02
64) Phenanthrene-d10	17.12	188	1088252	20.00	ng	-0.02
76) Chrysene-d12	21.32	240	1137445	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1189725	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1196270	96.08	ng	-0.02
7) Phenol-d6	6.90	99	1534327	97.03	ng	-0.01
23) Nitrobenzene-d5	8.89	82	931722	59.89	ng	-0.02
42) 2,4,6-Tribromophenol	15.87	330	619635	99.25	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	2172601	57.82	ng	-0.02
79) Terphenyl-d14	19.76	244	3357726	62.23	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	129350	25.491	ng	98
3) Pyridine	3.66	79	353160	27.915	ng	98
4) n-Nitrosodimethylamine	3.58	42	183173	35.014	ng	# 92
6) Aniline	7.06	93	416206	23.595	ng	98
8) 2-Chlorophenol	7.29	128	505689	34.777	ng	96
9) Benzaldehyde	6.87	77	276914	27.999	ng	99
10) Phenol	6.92	94	659750	41.058	ng	98
11) bis(2-Chloroethyl)ether	7.16	93	404866	32.066	ng	95
12) 1,3-Dichlorobenzene	7.61	146	538395	31.091	ng	99
13) 1,4-Dichlorobenzene	7.76	146	547659	31.203	ng	98
14) 1,2-Dichlorobenzene	8.07	146	535818	32.196	ng	99
15) Benzyl Alcohol	7.97	79	391945	34.317	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	541660	33.570	ng	97
17) 2-Methylphenol	8.17	107	386846	35.466	ng	99
18) Hexachloroethane	8.79	117	175652	28.069	ng	95
19) n-Nitroso-di-n-propylamine	8.53	70	323878	31.473	ng	94
20) 3+4-Methylphenols	8.49	107	519114	34.476	ng	99
22) Acetophenone	8.55	105	676305	30.315	ng	# 97
24) Nitrobenzene	8.93	77	490763	32.062	ng	97
25) Isophorone	9.45	82	868543	36.870	ng	98
26) 2-Nitrophenol	9.63	139	261901	35.386	ng	96
27) 2,4-Dimethylphenol	9.69	122	427102	38.500	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	544505	33.459	ng	98
29) 2,4-Dichlorophenol	10.16	162	464885	35.192	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	510661	31.145	ng	100
31) Naphthalene	10.56	128	1523478	35.077	ng	99
32) Benzoic acid	9.78	122	41482	11.303	ng	100
33) 4-Chloroaniline	10.69	127	310116	18.130	ng	97
34) Hexachlorobutadiene	10.83	225	301122	29.070	ng	98
35) Caprolactam	11.49	113	124838	27.796	ng	92
36) 4-Chloro-3-methylphenol	11.81	107	473291	34.151	ng	99
37) 2-Methylnaphthalene	12.17	142	1089106	35.491	ng	99
38) 1-Methylnaphthalene	12.40	142	1029252	34.665	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	553385	32.274	ng	98

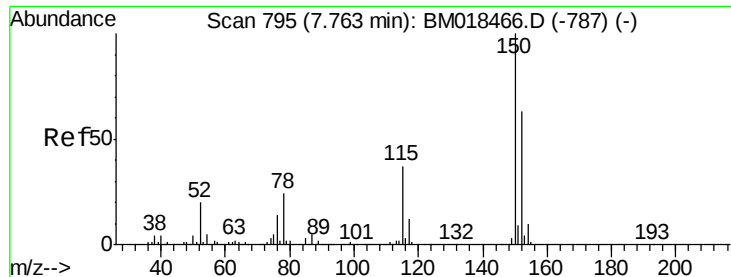
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\
 Data File : BM018709.D
 Acq On : 01 Feb 2019 16:53
 Operator : JU/SJ
 Sample : K1297-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 01 17:36:59 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)
41) Hexachlorocyclopentadiene	12.51	237	218866	23.258	ng	99
43) 2,4,6-Trichlorophenol	12.80	196	380368	36.531	ng	97
44) 2,4,5-Trichlorophenol	12.87	196	403732	36.868	ng	97
46) 1,1'-Biphenyl	13.20	154	1338540	31.265	ng	100
47) 2-Chloronaphthalene	13.24	162	1049082	31.600	ng	99
48) 2-Nitroaniline	13.46	65	287935	35.253	ng	93
49) Acenaphthylene	14.09	152	1691561	34.963	ng	100
50) Dimethylphthalate	13.83	163	1510782	37.518	ng	100
51) 2,6-Dinitrotoluene	13.96	165	279038	32.713	ng	93
52) Acenaphthene	14.44	154	1098571	37.110	ng	98
53) 3-Nitroaniline	14.30	138	237606	27.630	ng	97
54) 2,4-Dinitrophenol	14.50	184	64695	19.951	ng	96
55) Dibenzofuran	14.77	168	1749217	35.762	ng	99
56) 4-Nitrophenol	14.61	139	518260	69.761	ng	96
57) 2,4-Dinitrotoluene	14.75	165	388295	32.174	ng	99
58) Fluorene	15.42	166	1522447	41.784	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.00	232	369412	38.059	ng	96
60) Diethylphthalate	15.20	149	1309339	32.209	ng	100
61) 4-Chlorophenyl-phenylether	15.42	204	628329	29.920	ng	98
62) 4-Nitroaniline	15.46	138	263955	28.141	ng	96
63) Azobenzene	15.71	77	1055562	31.848	ng	96
65) 4,6-Dinitro-2-methylphenol	15.51	198	76312	15.159	ng	95
66) n-Nitrosodiphenylamine	15.64	169	1110788	32.905	ng	99
67) 4-Bromophenyl-phenylether	16.32	248	384872	31.603	ng	97
68) Hexachlorobenzene	16.42	284	424198	31.115	ng	100
69) Atrazine	16.60	200	401420	32.893	ng	98
70) Pentachlorophenol	16.77	266	556129	62.285	ng	99
71) Phenanthrene	17.17	178	6612436	114.236	ng	99
72) Anthracene	17.26	178	3201729	57.521	ng	100
73) Carbazole	17.53	167	2577318	45.069	ng	99
74) Di-n-butylphthalate	18.09	149	2248832	35.901	ng	100
75) Fluoranthene	19.19	202	7848154	117.600	ng	98
77) Benzidine	19.39	184	44432	1.582	ng	# 93
78) Pyrene	19.56	202	6708631	99.502	ng	99
80) Butylbenzylphthalate	20.46	149	1043772	36.280	ng	96
81) Benzo(a)anthracene	21.31	228	4816528	71.879	ng	99
82) 3,3'-Dichlorobenzidine	21.24	252	532856	21.029	ng	100
83) Chrysene	21.36	228	4337222	67.029	ng	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1589571	38.263	ng	99
85) Di-n-octyl phthalate	22.12	149	2647187	37.886	ng	96
86) Indeno(1,2,3-cd)pyrene	25.89	276	3637581	48.752	ng	96
88) Benzo(b)fluoranthene	22.91	252	4753342	70.375	ng	99
89) Benzo(k)fluoranthene	22.95	252	3230898	47.465	ng	98
90) Benzo(a)pyrene	23.49	252	4055143	62.712	ng	97
91) Dibenzo(a,h)anthracene	25.90	278	2442451	37.278	ng	99
92) Benzo(g,h,i)perylene	26.60	276	3101941	48.651	ng	98

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

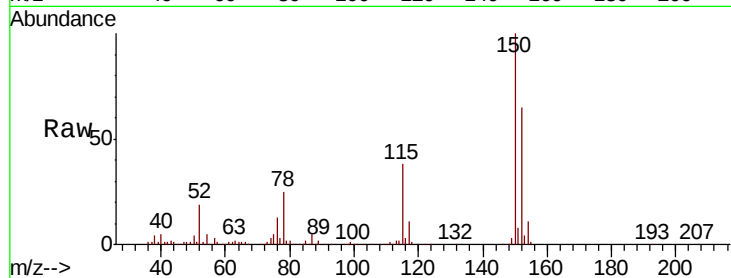


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.9	190.3
115	57.9	45.5	68.3

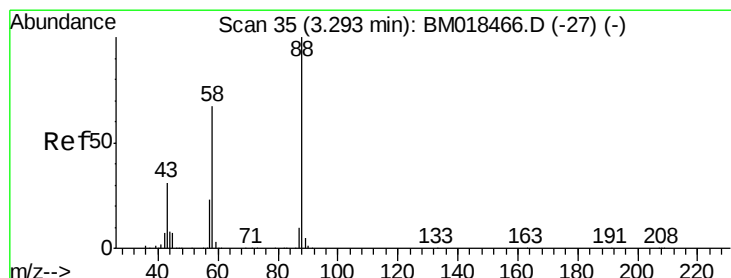
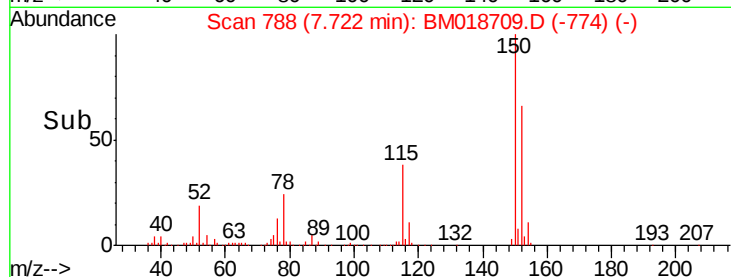
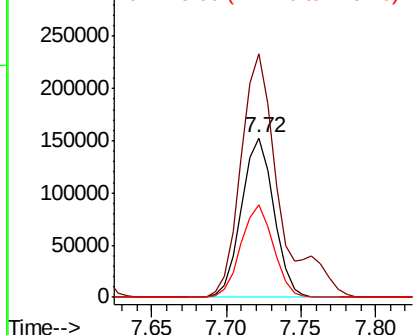


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

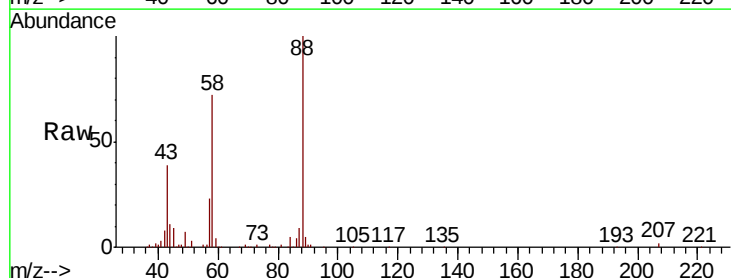
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.491 ng
RT: 3.26 min Scan# 29
Delta R.T. -0.02 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	58.4	87.6
43	31.7	26.2	39.4

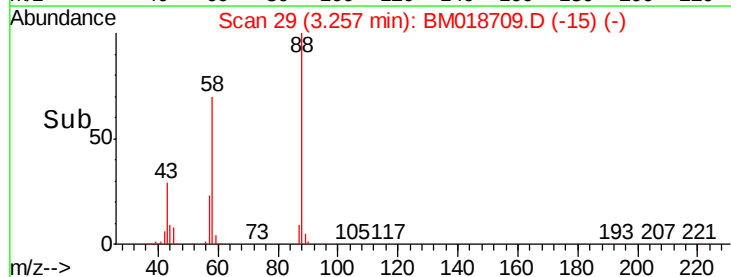
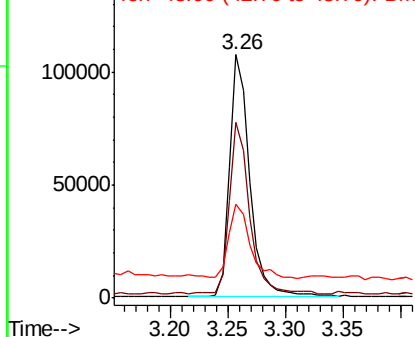


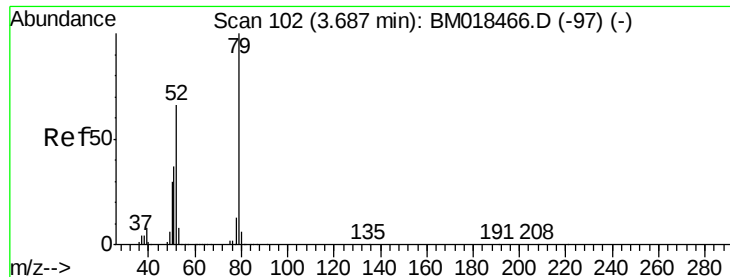
Abundance

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: 27.915 ng

RT: 3.66 min Scan# 97

Delta R.T. -0.01 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Instrument :

BNA_F

ClientSampleId :

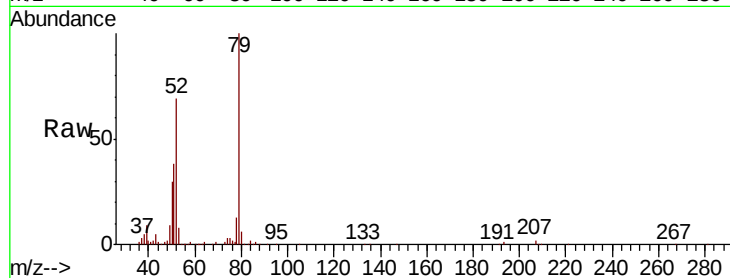
Tot Ion: 79 Resp: 353160

Ion Ratio Lower Upper

79 100

52 69.2 56.4 84.6

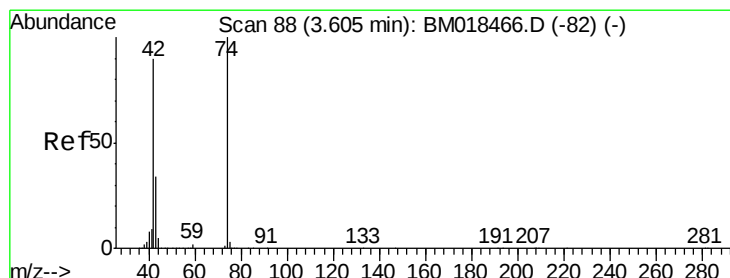
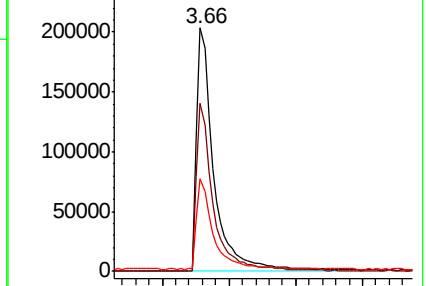
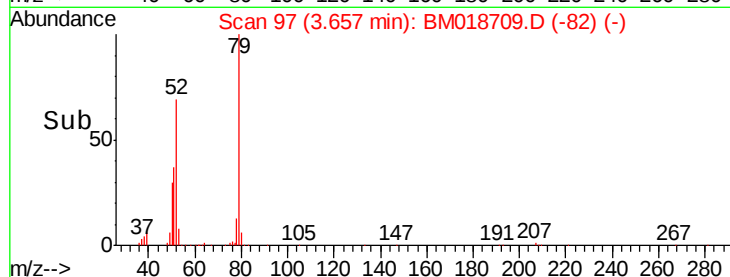
51 37.9 31.0 46.4



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: 35.014 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

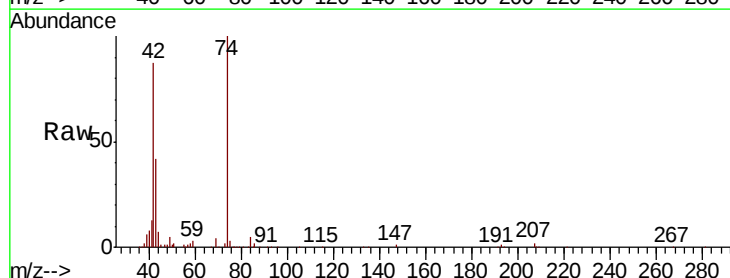
Tgt Ion: 42 Resp: 183173

Ion Ratio Lower Upper

42 100

74 114.9 88.6 132.8

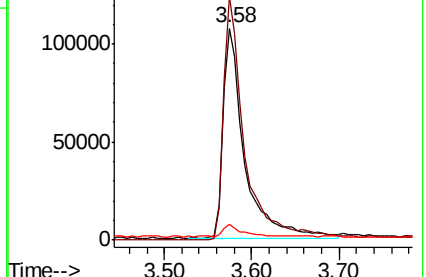
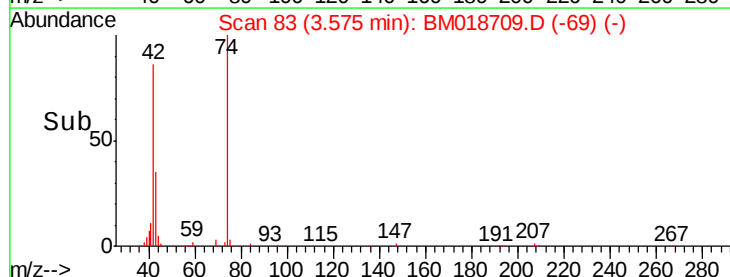
44 7.6 16.9 25.3#

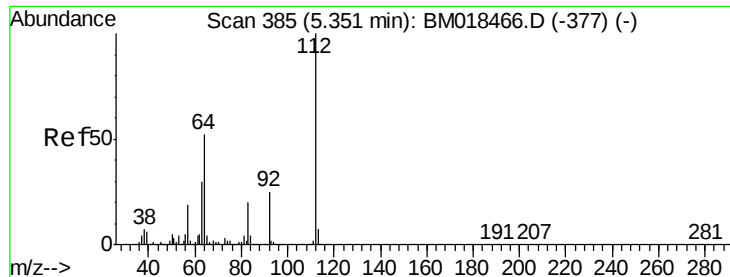


Abundance Ion 42.00 (41.70 to 42.70): BM018466.D (-82) (-)

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: 96.085 ng

RT: 5.31 min Scan# 378

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

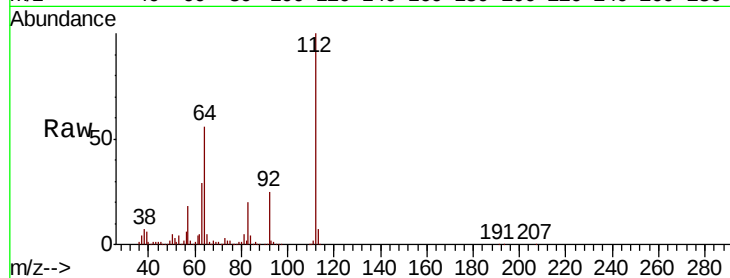
Instrument :

BNA_F

ClientSampled :

Tot Ion: 112 Resp: 1196270

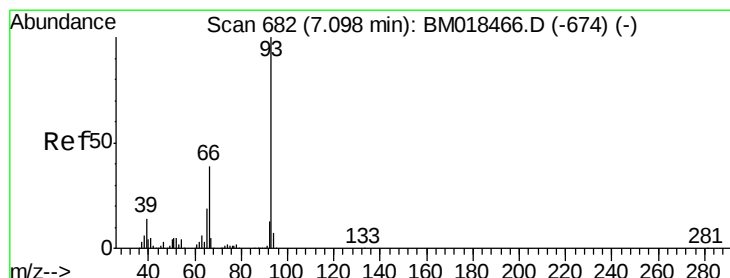
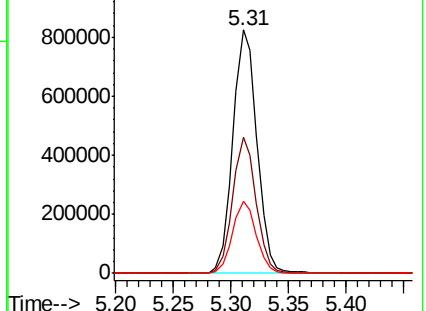
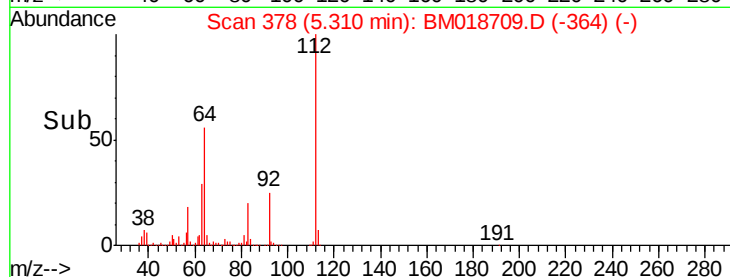
Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.5	69.7
63	29.5	25.2	37.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 23.595 ng

RT: 7.06 min Scan# 676

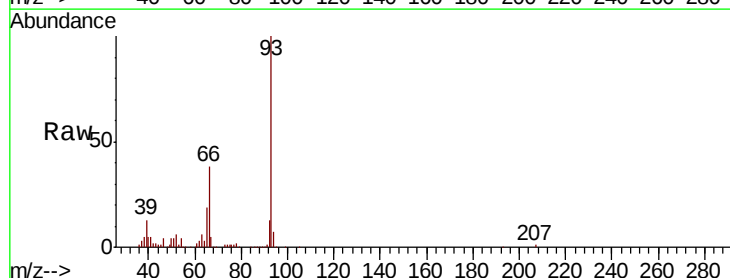
Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Tgt Ion: 93 Resp: 416206

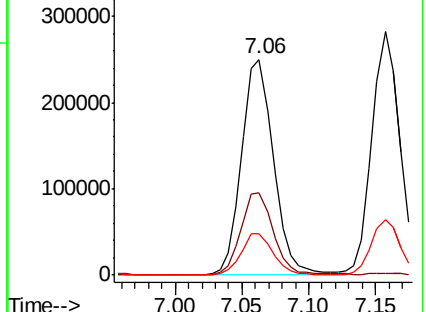
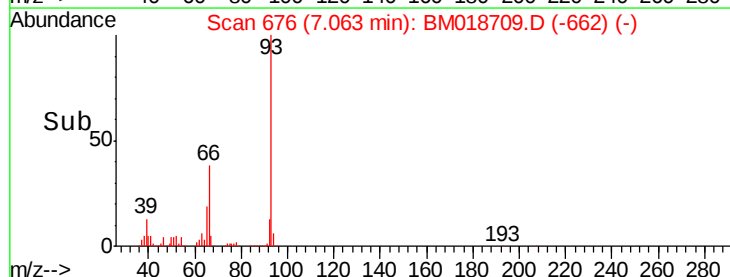
Ion	Ratio	Lower	Upper
93	100		
66	38.0	31.7	47.5
65	19.1	15.9	23.9

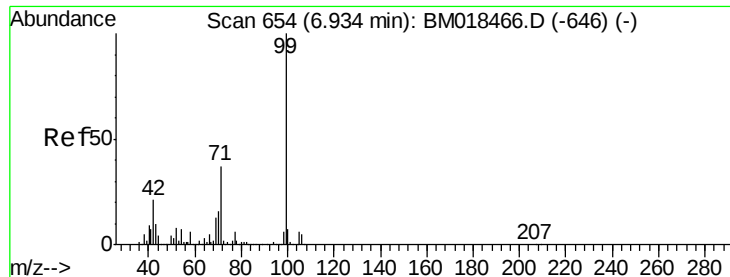


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 97.028 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

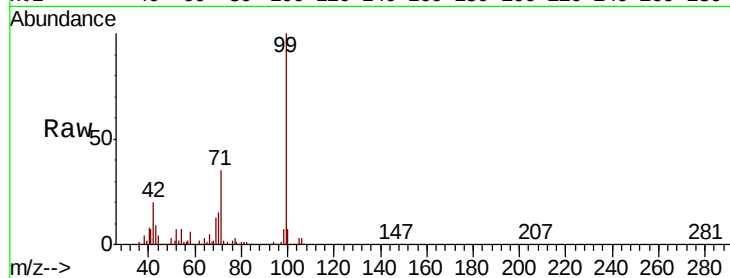
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1534327

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.3	25.9
71	35.2	28.0	42.0

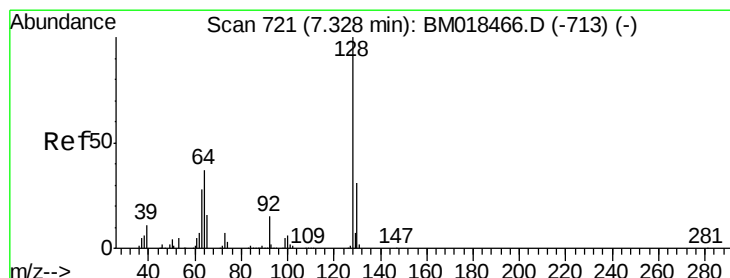
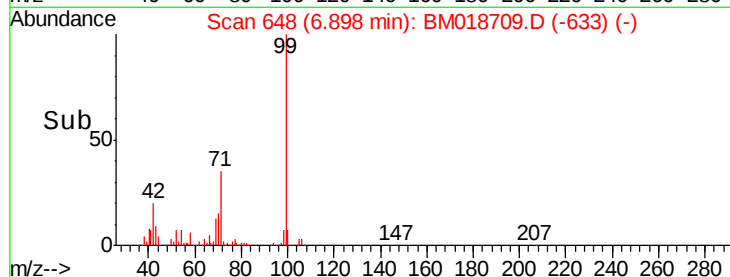
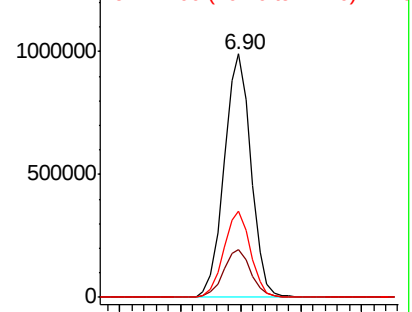


Abundance

Ion 99.00 (98.70 to 99.70): BM018709.D (-633) (-)

Ion 42.00 (41.70 to 42.70): BM018709.D (-633) (-)

Ion 71.00 (70.70 to 71.70): BM018709.D (-633) (-)



#8

2-Chlorophenol

Concen: 34.777 ng

RT: 7.29 min Scan# 714

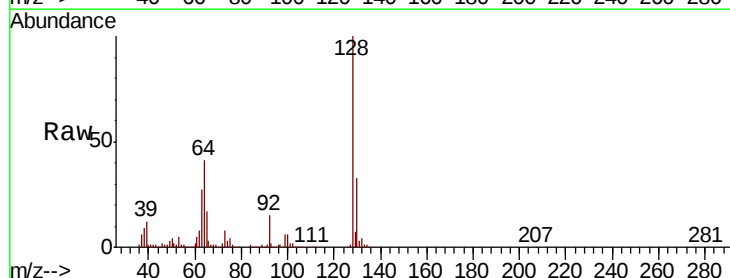
Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Tgt Ion: 128 Resp: 505689

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.6	53.6
64	40.7	24.8	64.8

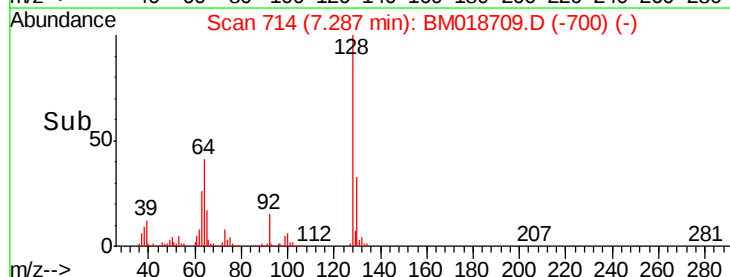
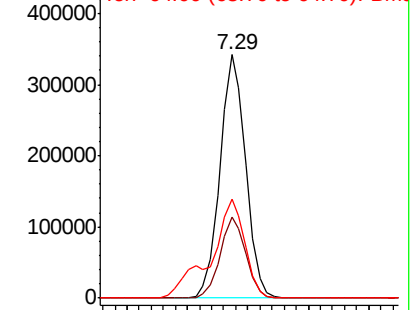


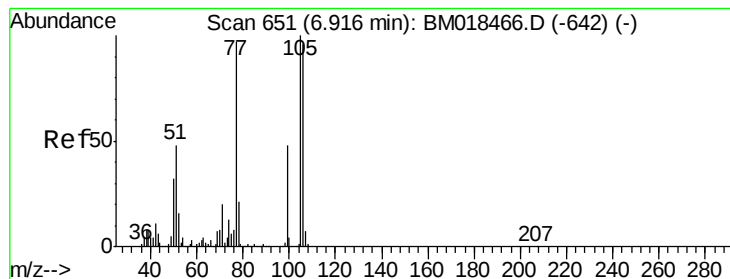
Abundance

Ion 128.00 (127.70 to 128.70): BM018709.D (-700) (-)

Ion 130.00 (129.70 to 130.70): BM018709.D (-700) (-)

Ion 64.00 (63.70 to 64.70): BM018709.D (-700) (-)





#9

Benzaldehyde

Concen: 27.999 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Instrument :

BNA_F

ClientSampleId :

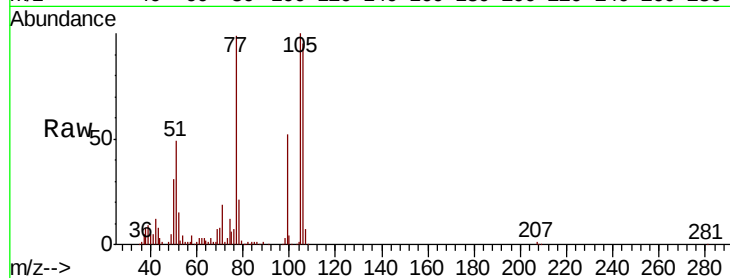
Tot Ion: 77 Resp: 276914

Ion Ratio Lower Upper

77 100

105 101.3 79.7 119.7

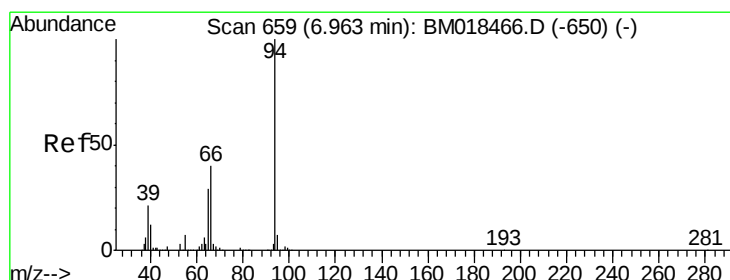
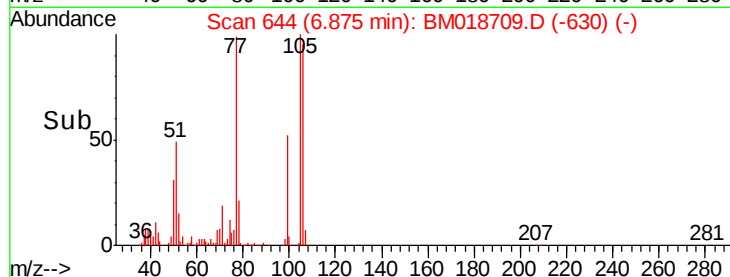
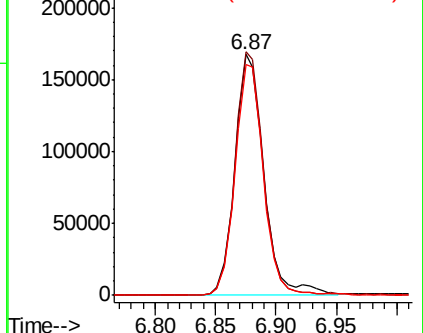
106 95.9 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018709.D (-630) (-)

Ion 105.00 (104.70 to 105.70): BM018709.D (-630) (-)

Ion 106.00 (105.70 to 106.70): BM018709.D (-630) (-)



#10

Phenol

Concen: 41.058 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

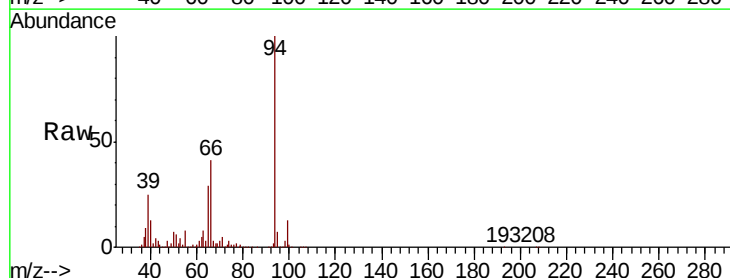
Tgt Ion: 94 Resp: 659750

Ion Ratio Lower Upper

94 100

65 29.1 9.4 49.4

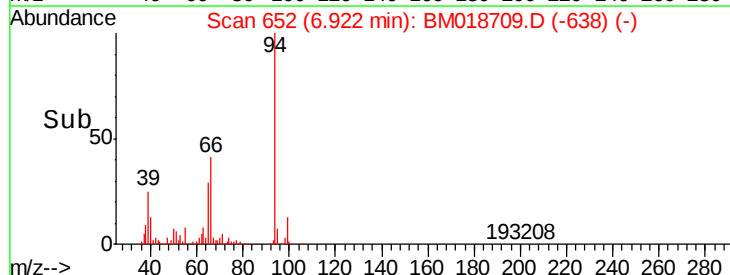
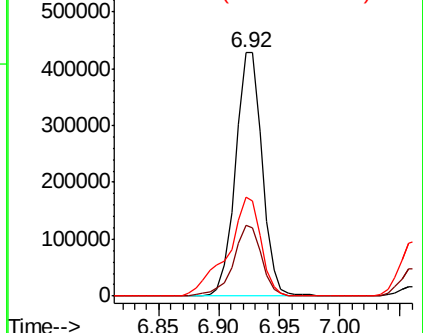
66 40.7 19.1 59.1

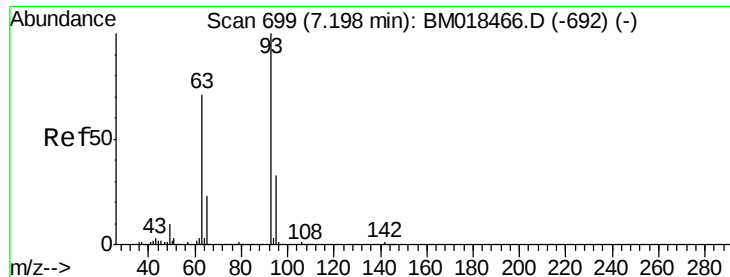


Abundance Ion 94.00 (93.70 to 94.70): BM018709.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM018709.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM018709.D (-638) (-)

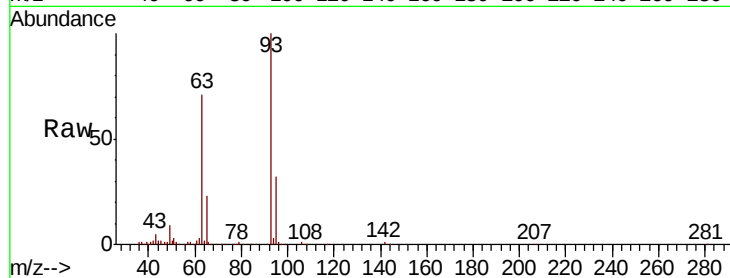




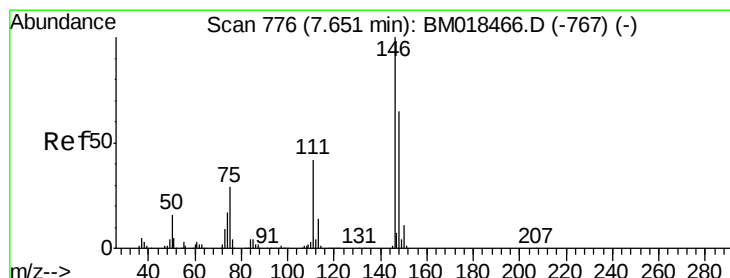
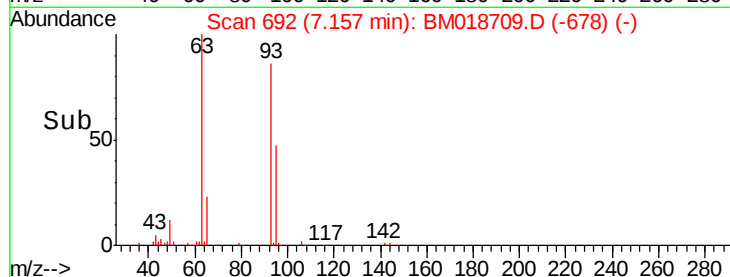
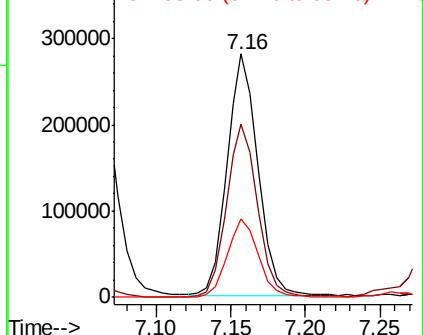
#11
bis(2-Chloroethyl)ether
Concen: 32.066 ng
RT: 7.16 min Scan# 692
Delta R.T. -0.02 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.9	56.4	96.4
95	32.5	12.7	52.7

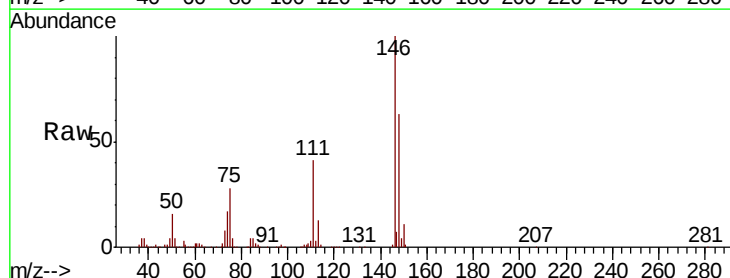


Abundance Ion 93.00 (92.70 to 93.70): BM018466.D (-692) (-)
Ion 63.00 (62.70 to 63.70): BM018466.D (-692) (-)
Ion 95.00 (94.70 to 95.70): BM018466.D (-692) (-)

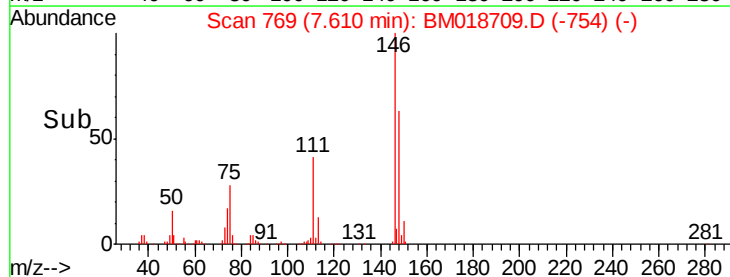
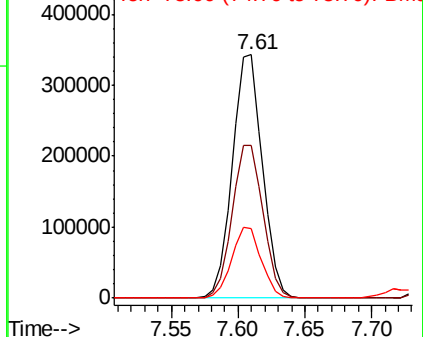


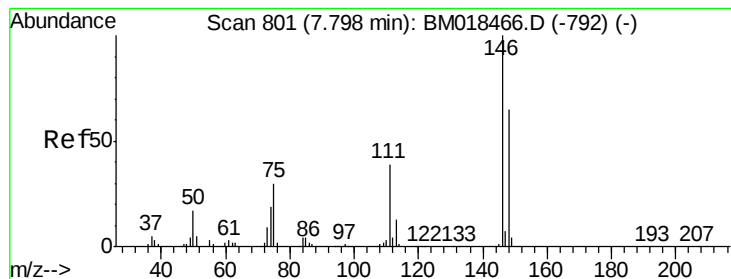
#12
1,3-Dichlorobenzene
Concen: 31.091 ng
RT: 7.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.5	75.7
75	28.4	23.0	34.6



Abundance Ion 146.00 (145.70 to 146.70): BM018466.D (-767) (-)
Ion 148.00 (147.70 to 148.70): BM018466.D (-767) (-)
Ion 75.00 (74.70 to 75.70): BM018466.D (-767) (-)





#13

1,4-Dichlorobenzene

Concen: 31.203 ng

RT: 7.76 min Scan# 794

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Instrument :

BNA_F

ClientSampled :

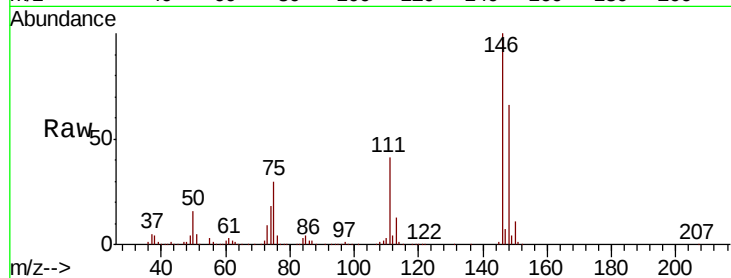
Tot Ion:146 Resp: 547659

Ion Ratio Lower Upper

146 100

148 66.1 50.8 76.2

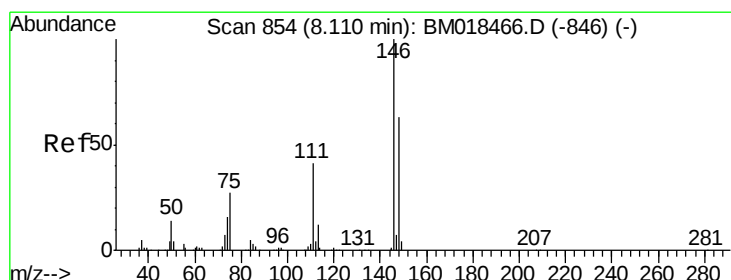
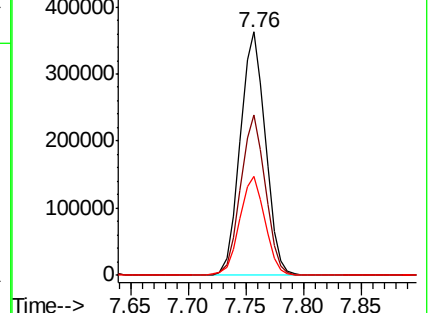
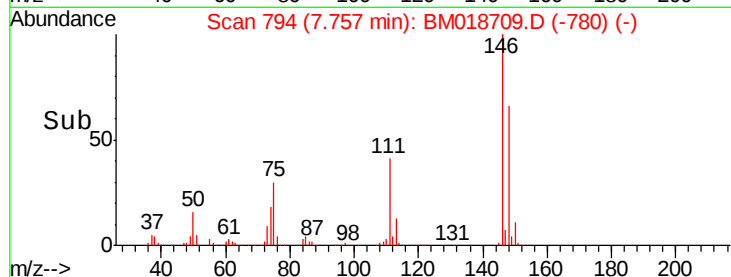
111 40.8 32.2 48.2



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: 32.196 ng

RT: 8.07 min Scan# 847

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

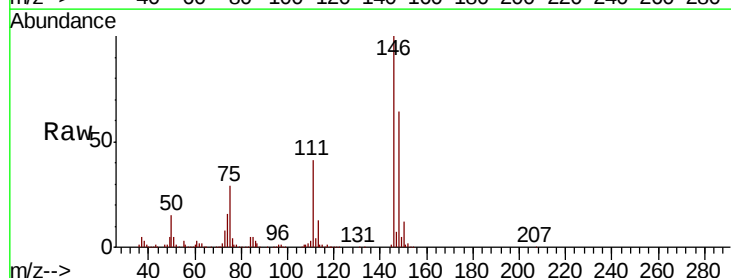
Tgt Ion:146 Resp: 535818

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

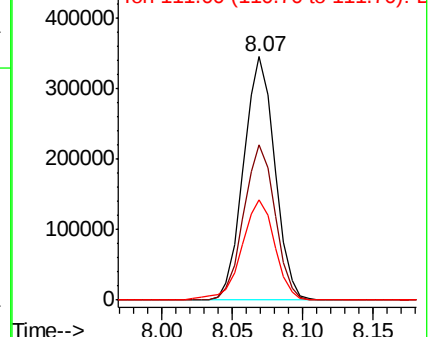
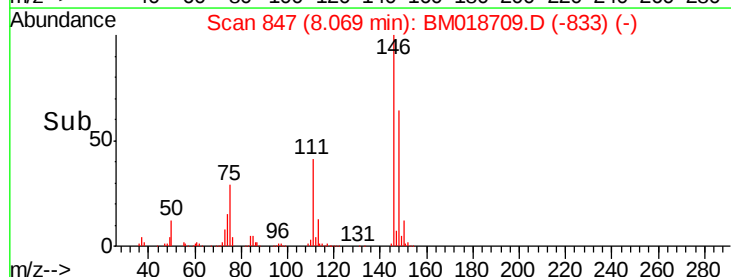
111 41.0 33.8 50.6

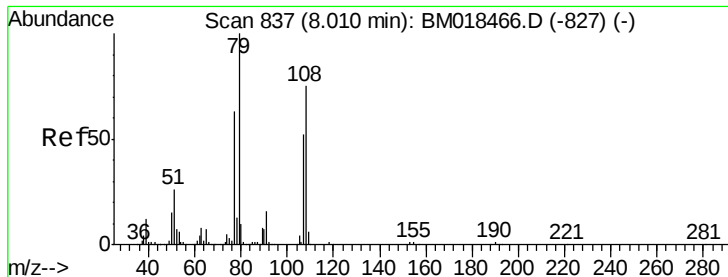


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.317 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Instrument :

BNA_F

ClientSampleId :

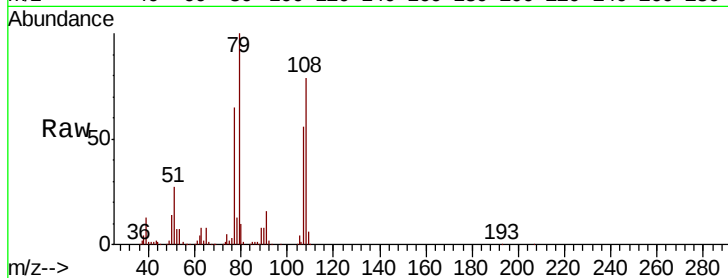
Tot Ion: 79 Resp: 391945

Ion Ratio Lower Upper

79 100

108 78.5 60.4 90.6

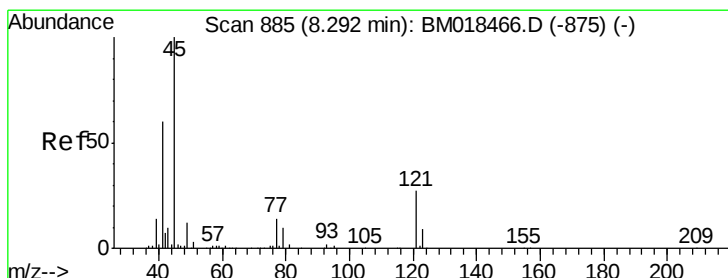
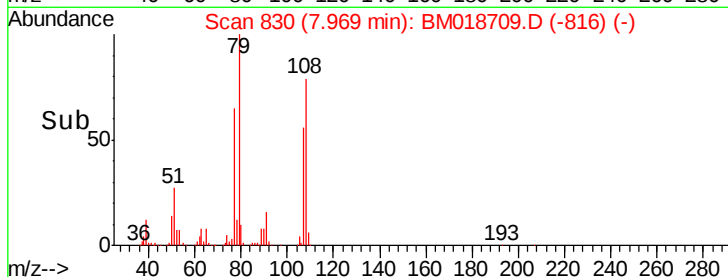
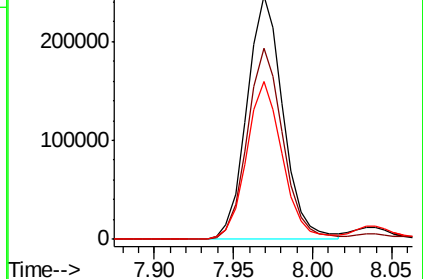
77 64.7 53.4 80.2



Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-827) (-)

Ion 108.00 (107.70 to 108.70): BM018466.D (-827) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-827) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.570 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

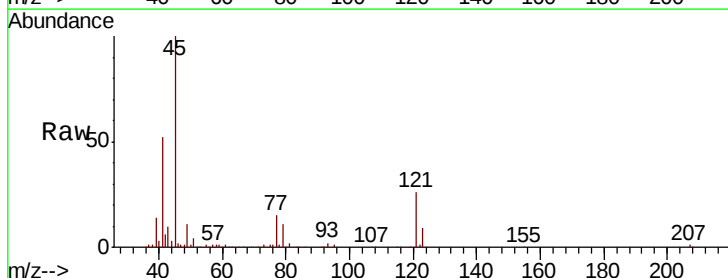
Tgt Ion: 45 Resp: 541660

Ion Ratio Lower Upper

45 100

77 15.0 0.0 33.4

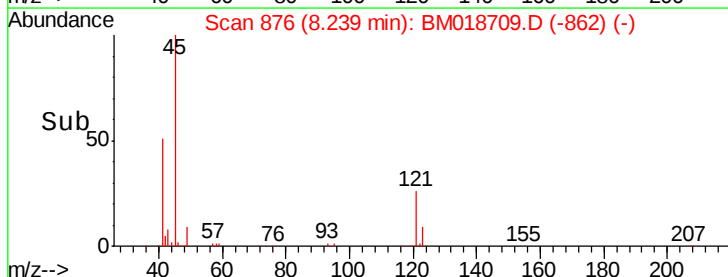
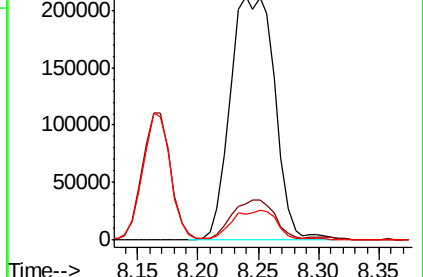
79 10.8 0.0 31.1

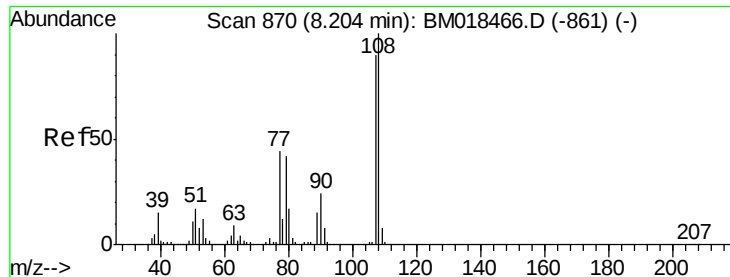


Abundance Ion 45.00 (44.70 to 45.70): BM018466.D (-875) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-875) (-)

Ion 79.00 (78.70 to 79.70): BM018466.D (-875) (-)

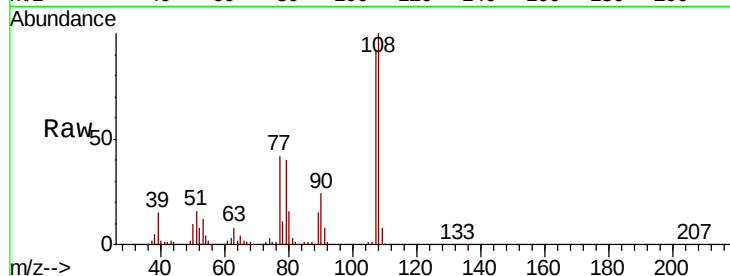




#17
2-Methylphenol
Concen: 35.466 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	386846
Ion	Ratio	Lower	Upper
107	100		
108	108.8	87.5	131.3
77	45.2	37.3	55.9
79	43.9	36.4	54.6



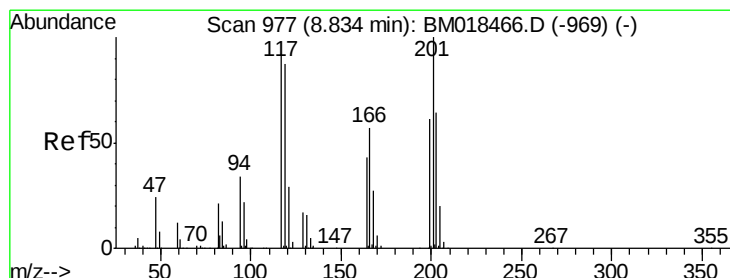
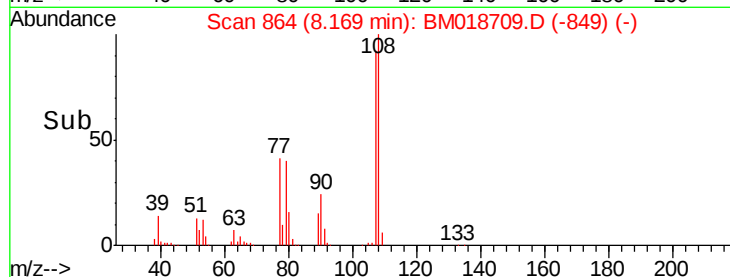
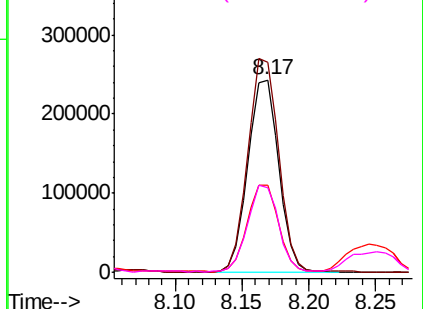
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

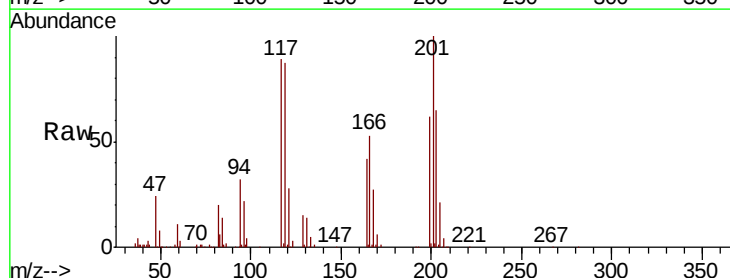
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 28.069 ng
RT: 8.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Tgt Ion:	117	Resp:	175652
Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.3	117.5
201	111.9	81.4	122.0

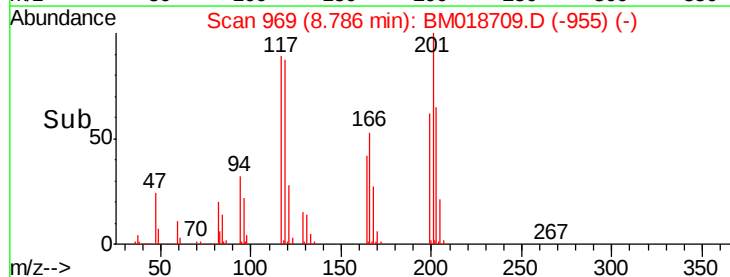
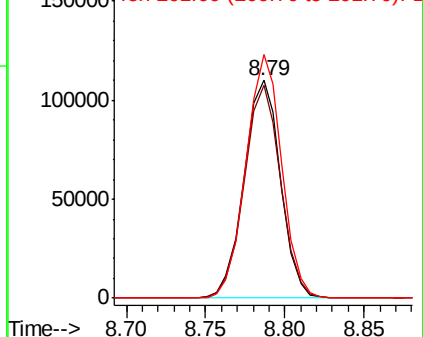


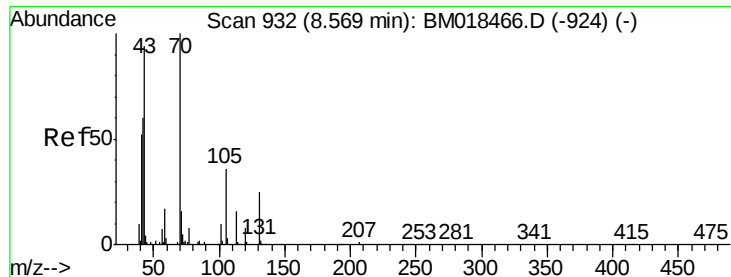
Abundance

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

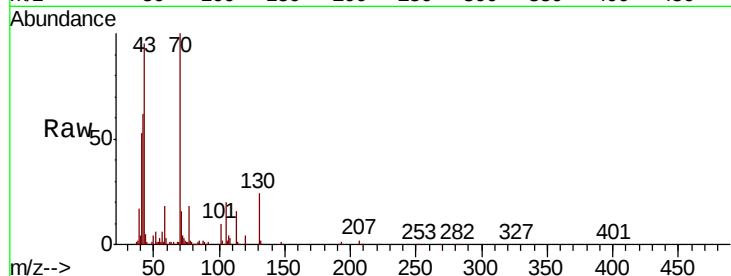




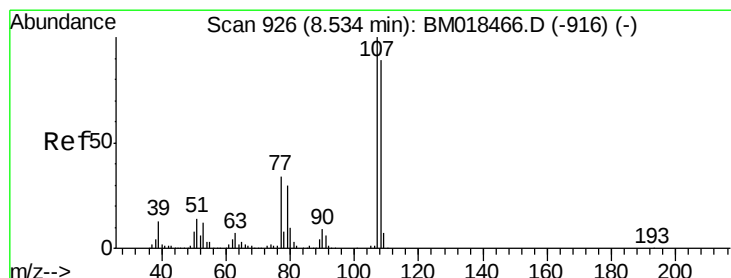
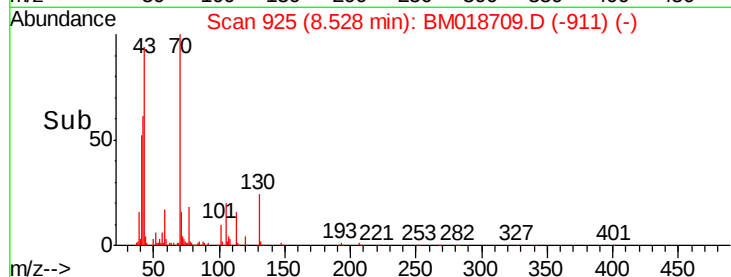
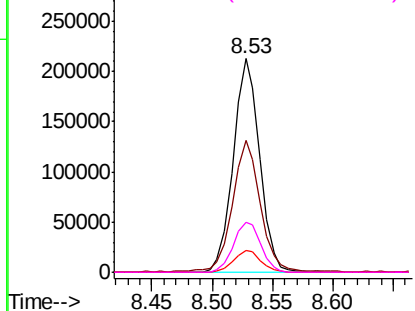
#19
n-Nitroso-di-n-propylamine
Concen: 31.473 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	323878
Ion	Ratio	Lower	Upper
70	100		
42	61.6	54.0	81.0
101	9.9	8.1	12.1
130	23.5	17.8	26.6

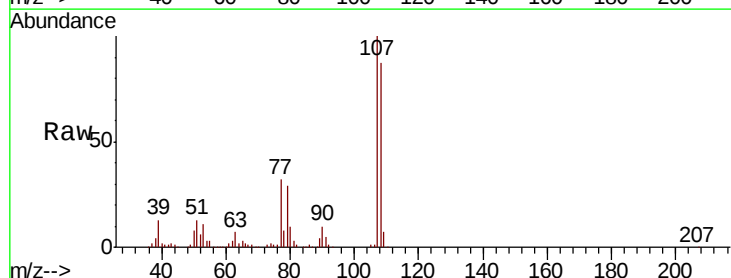


Abundance Ion 70.00 (69.70 to 70.70): BM018466.D (-924) (-)
Ion 42.00 (41.70 to 42.70): BM018466.D (-924) (-)
Ion 101.00 (100.70 to 101.70): BM018466.D (-924) (-)
Ion 130.00 (129.70 to 130.70): BM018466.D (-924) (-)

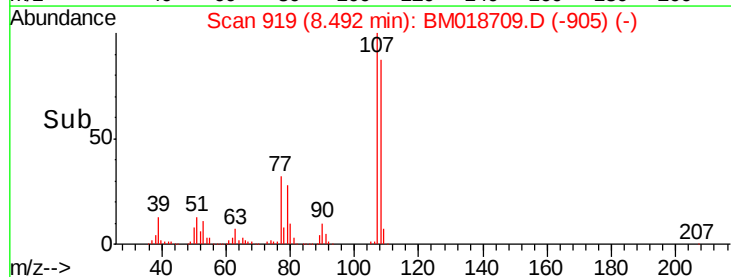
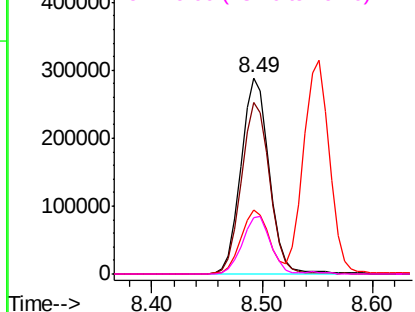


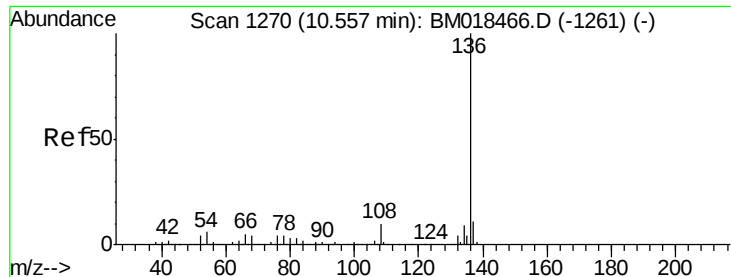
#20
3+4-Methylphenols
Concen: 34.476 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Tgt Ion:	107	Resp:	519114
Ion	Ratio	Lower	Upper
107	100		
108	87.2	66.8	106.8
77	32.4	13.3	53.3
79	28.5	8.8	48.8



Abundance Ion 107.00 (106.70 to 107.70): BM018466.D (-916) (-)
Ion 108.00 (107.70 to 108.70): BM018466.D (-916) (-)
Ion 77.00 (76.70 to 77.70): BM018466.D (-916) (-)
Ion 79.00 (78.70 to 79.70): BM018466.D (-916) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BM018709.D

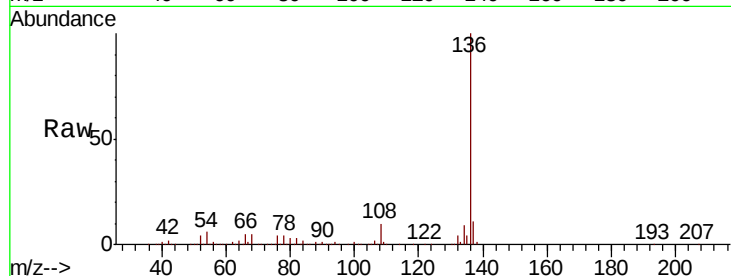
Acq: 01 Feb 2019 16:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	901828
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.5 12.7
54	6.4	6.0 9.0
68	4.6	4.5 6.7



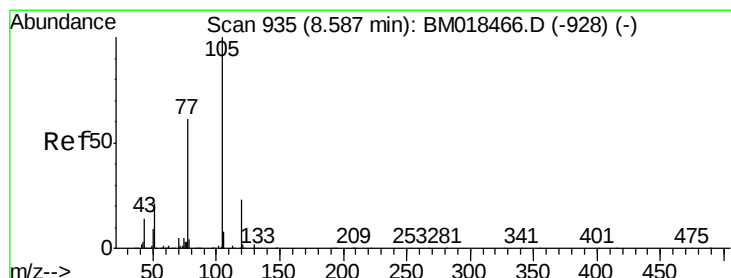
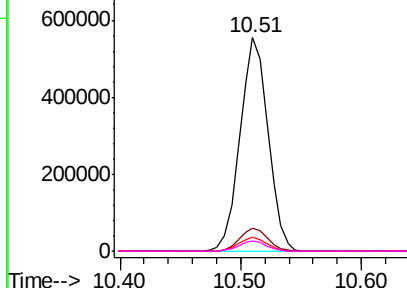
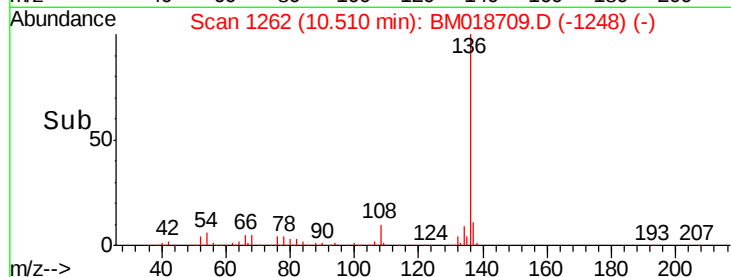
Abundance

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: 30.315 ng

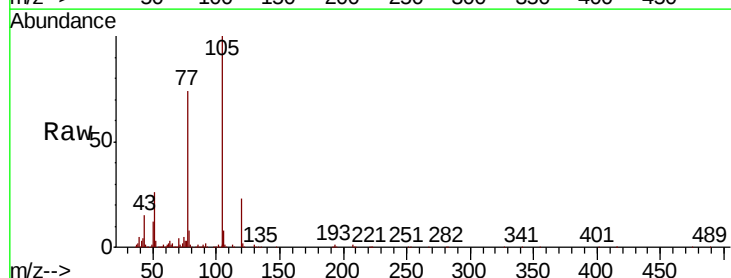
RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Tgt Ion:105	Resp:	676305
Ion Ratio	Lower	Upper
105	100	
71	0.7	1.7 2.5#
51	26.1	22.6 34.0
120	23.0	18.3 27.5



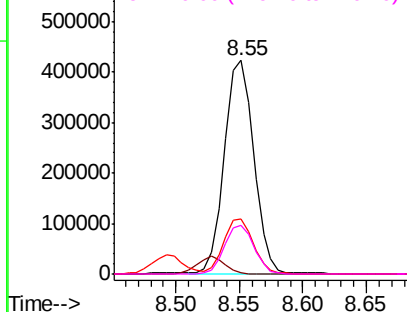
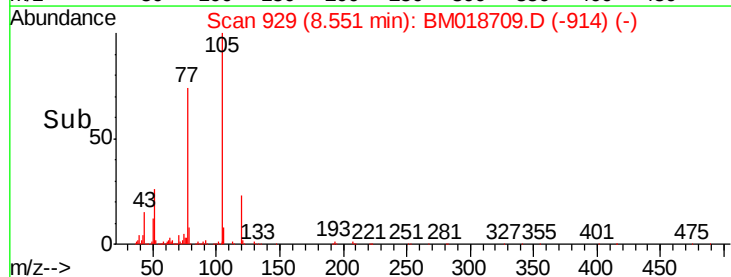
Abundance

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

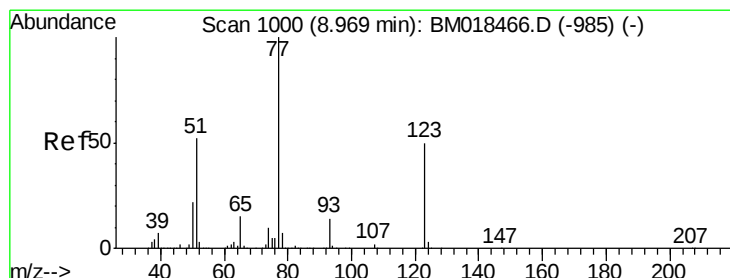
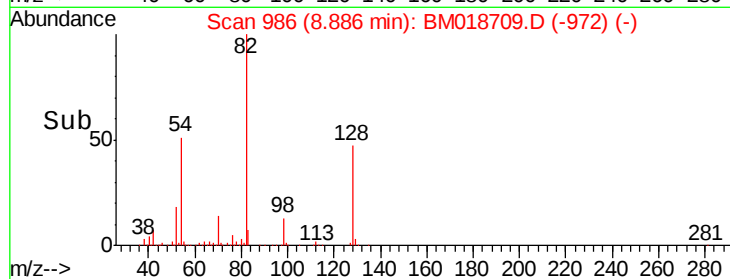
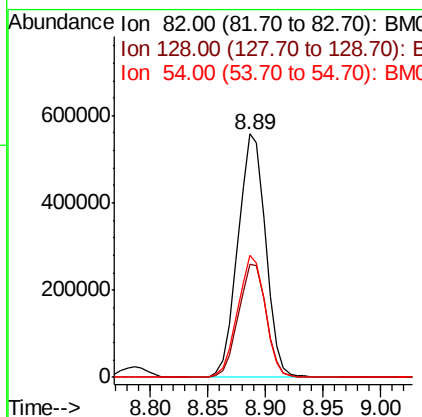
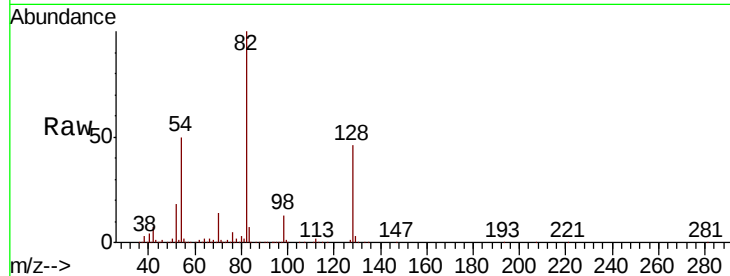




#23
 Nitrobenzene-d5
 Concen: 59.893 ng
 RT: 8.89 min Scan# 986
 Delta R.T. -0.02 min
 Lab File: BM018709.D
 Acq: 01 Feb 2019 16:53

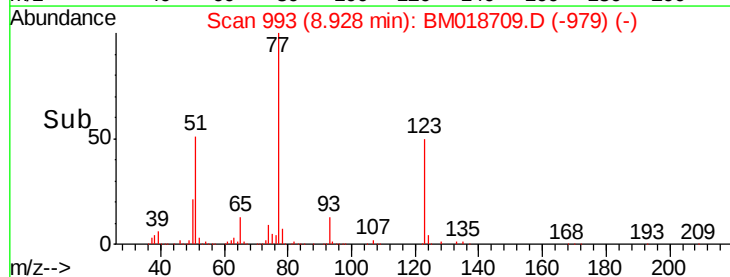
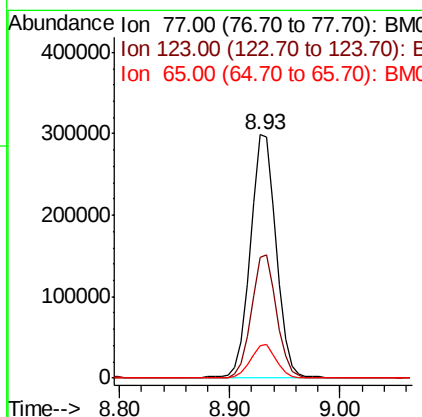
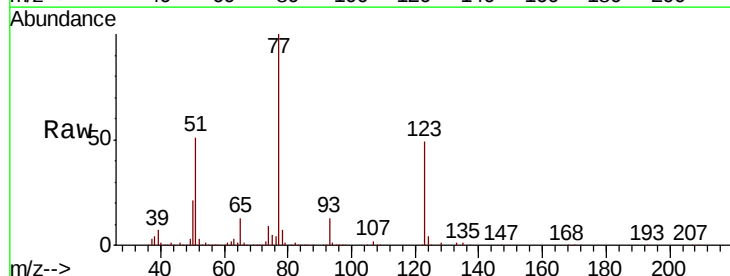
Instrument :
 BNA_F
 ClientSampleId :

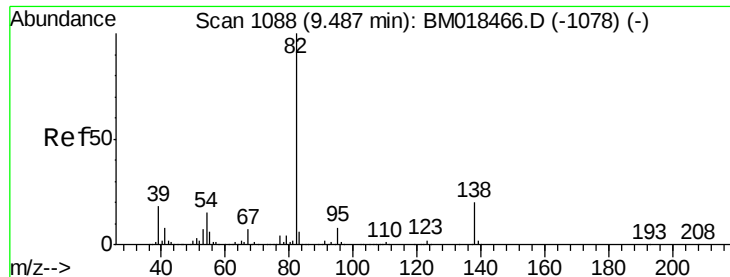
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	50.0	41.7	62.5



#24
 Nitrobenzene
 Concen: 32.062 ng
 RT: 8.93 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BM018709.D
 Acq: 01 Feb 2019 16:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	37.7	56.5
65	13.4	11.0	16.6





#25

Isophorone

Concen: 36.870 ng

RT: 9.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Instrument :

BNA_F

ClientSampleId :

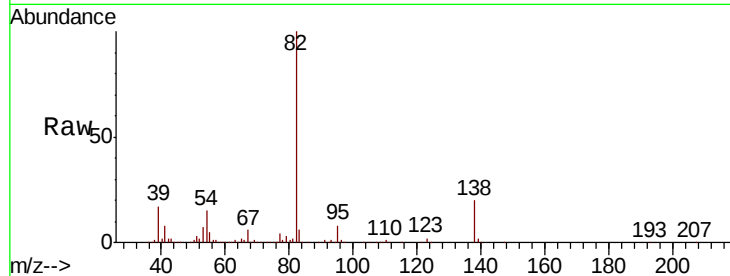
Tot Ion: 82 Resp: 868543

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

138 20.4 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)

600000

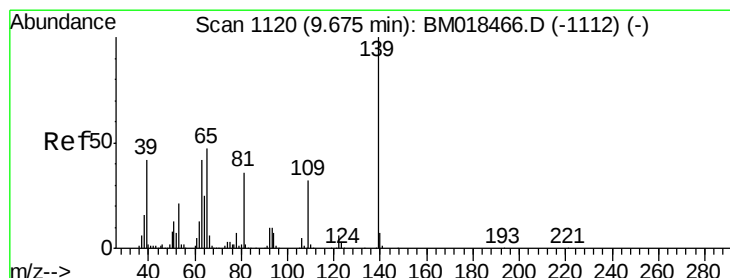
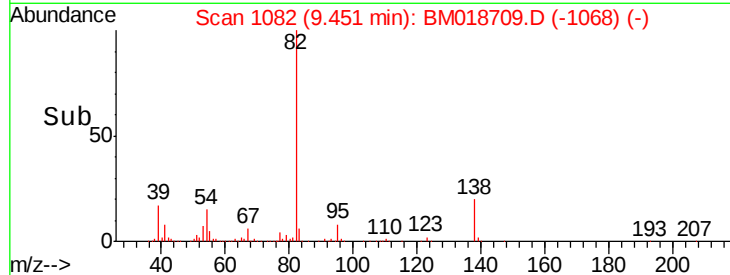
400000

200000

0

9.35 9.40 9.45 9.50 9.55

Time-->



#26

2-Nitrophenol

Concen: 35.386 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

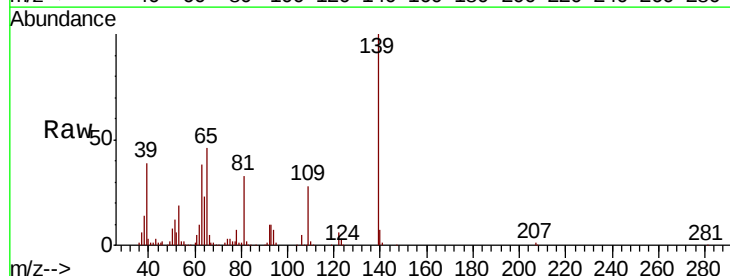
Tgt Ion: 139 Resp: 261901

Ion Ratio Lower Upper

139 100

109 28.4 23.4 35.2

65 46.0 39.4 59.2



Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)

200000

150000

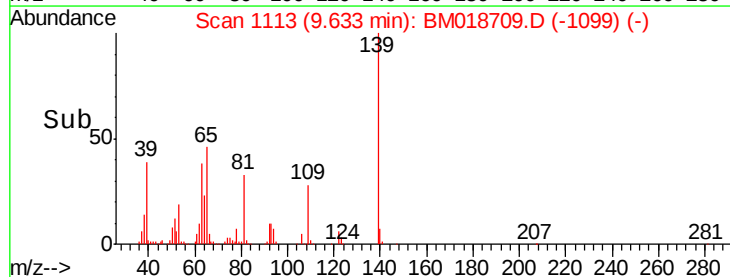
100000

50000

0

9.55 9.60 9.65 9.70

Time-->

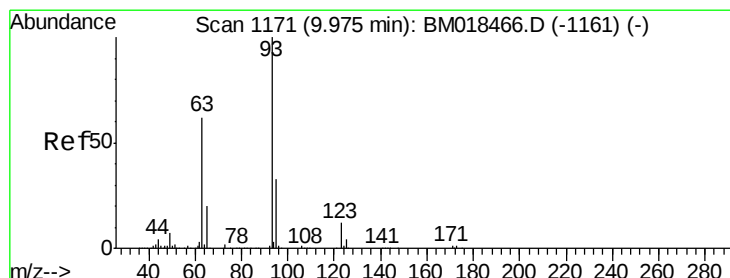
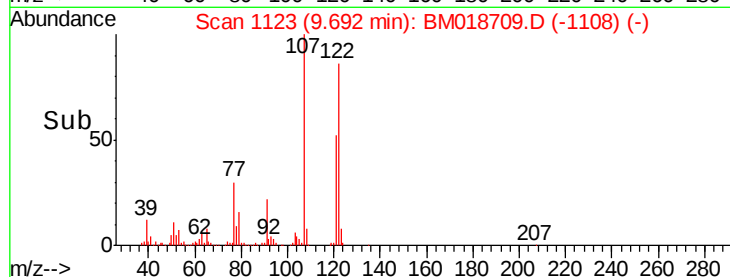
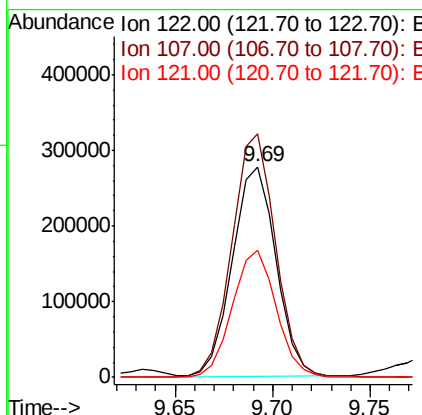
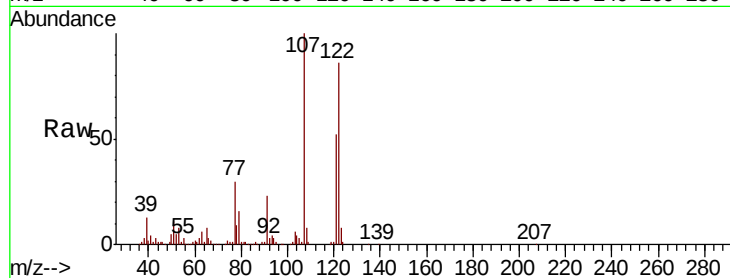




#27
 2,4-Dimethylphenol
 Concen: 38.500 ng
 RT: 9.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BM018709.D
 Acq: 01 Feb 2019 16:53

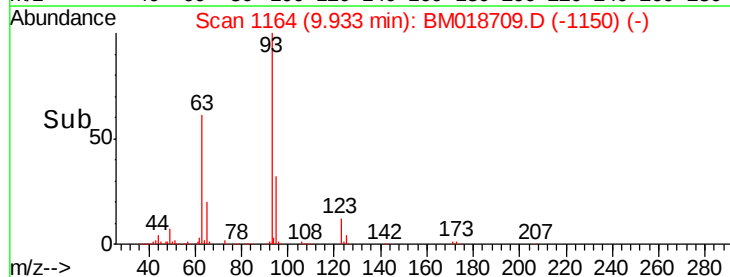
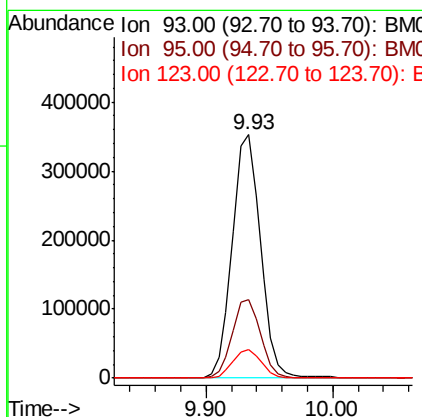
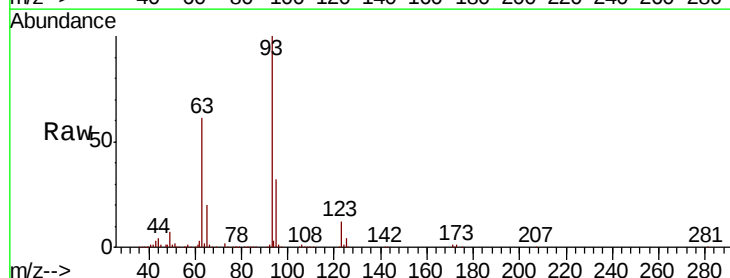
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.6	91.9	137.9
121	60.6	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.459 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BM018709.D
 Acq: 01 Feb 2019 16:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.6	39.8
123	11.8	9.9	14.9

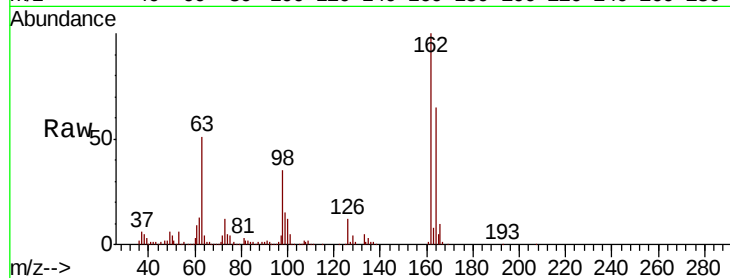




#29
 2,4-Dichlorophenol
 Concen: 35.192 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: BM018709.D
 Acq: 01 Feb 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	162	Resp	464885
Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.6	85.6
98	34.8	14.7	54.7

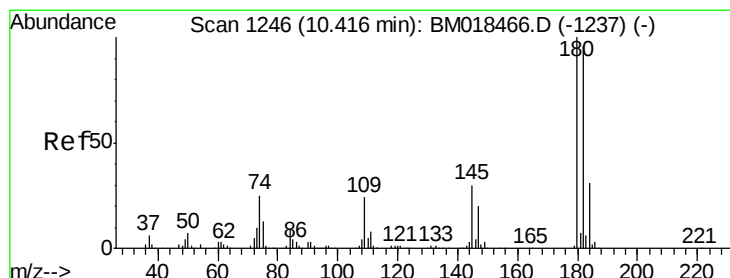
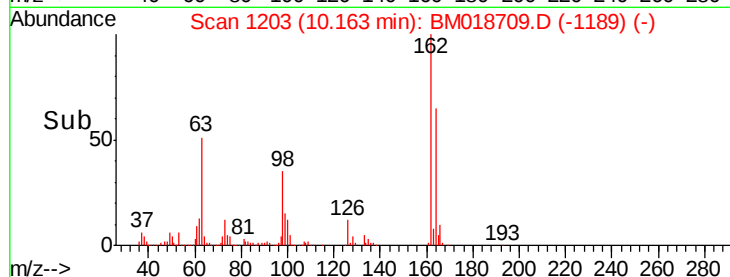
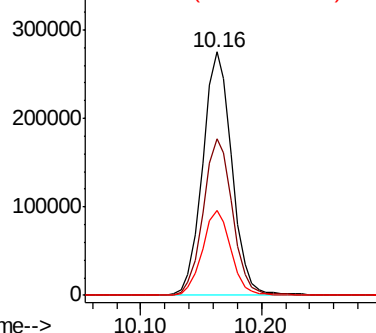


Abundance

Ion 162.00 (161.70 to 162.70): E

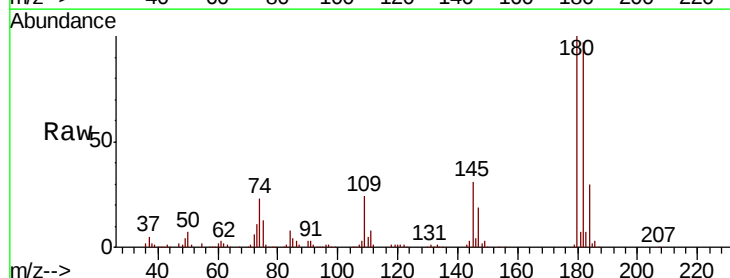
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 31.145 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BM018709.D
 Acq: 01 Feb 2019 16:53

Tgt Ion	180	Resp	510661
Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.4	116.2
145	30.9	24.6	37.0

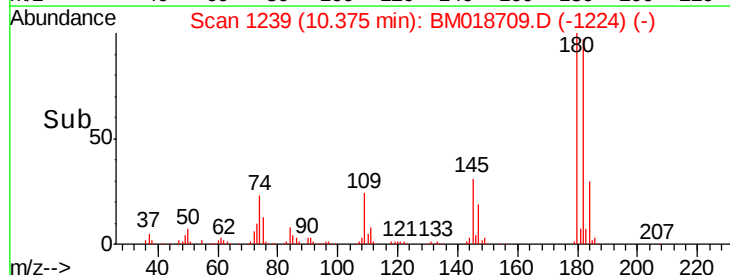
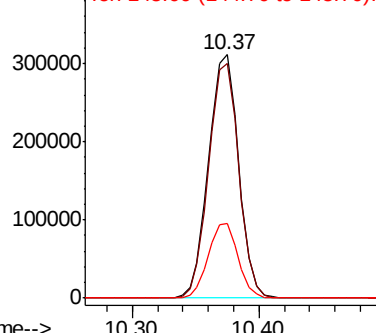


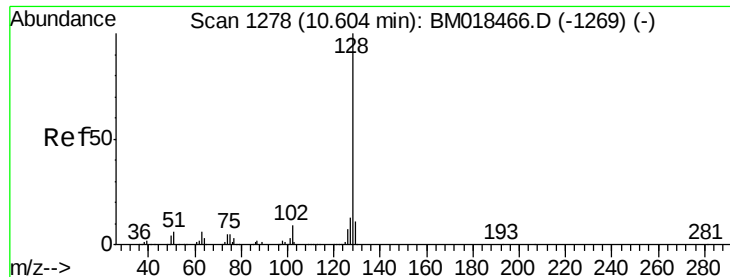
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

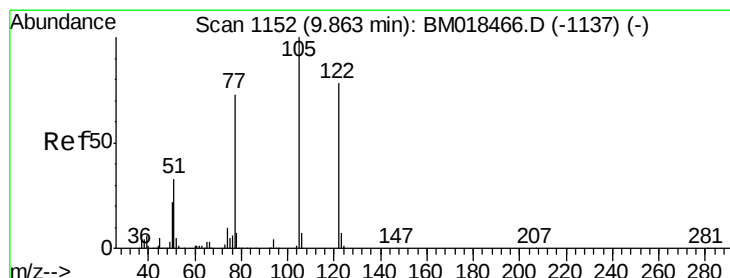
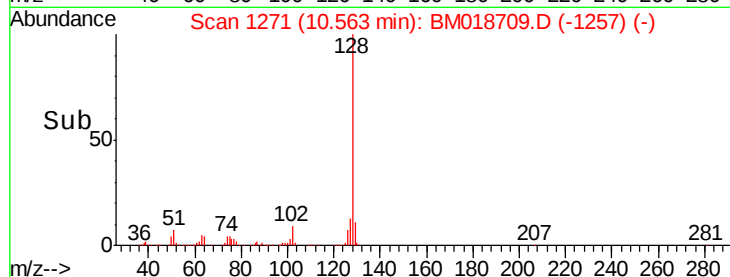
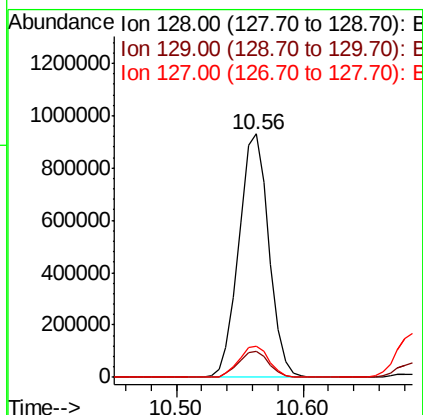
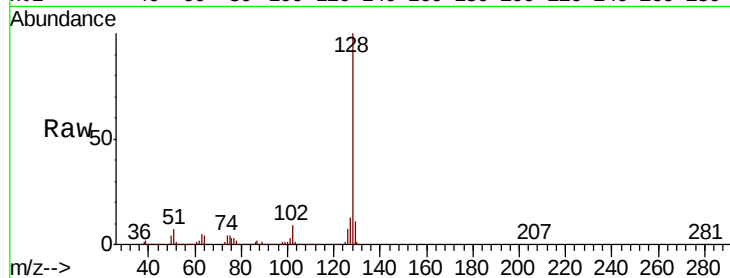




#31
Naphthalene
Concen: 35.077 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

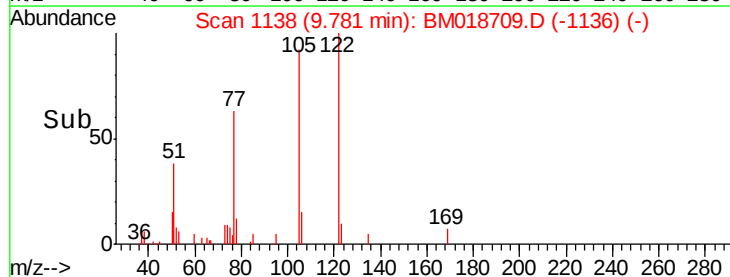
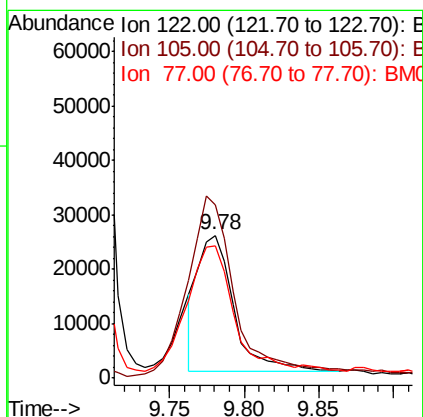
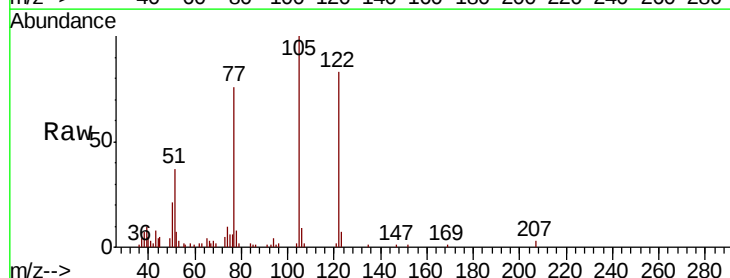
Instrument :
BNA_F
ClientSampleId :

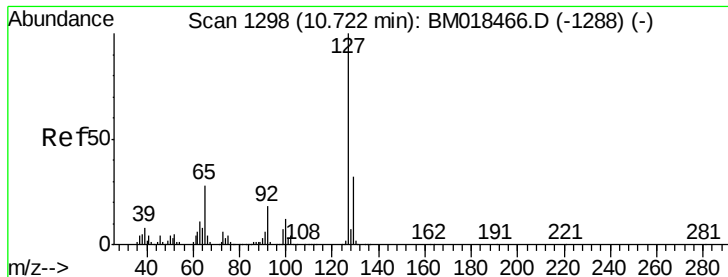
Tot Ion:128 Resp: 1523478
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.6 10.8 16.2



#32
Benzoic acid
Concen: 11.303 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.09 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Tgt Ion:122 Resp: 41482
Ion Ratio Lower Upper
122 100
105 120.6 100.4 140.4
77 92.2 71.7 111.7

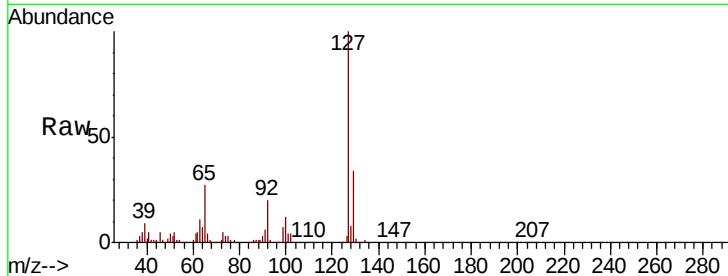




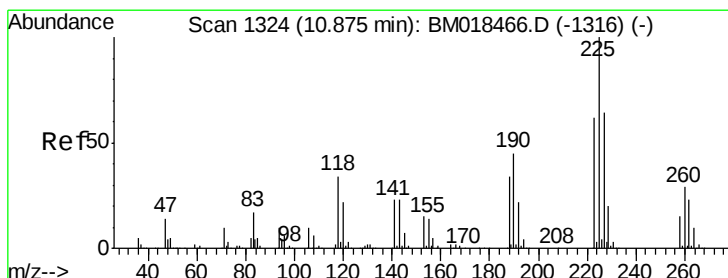
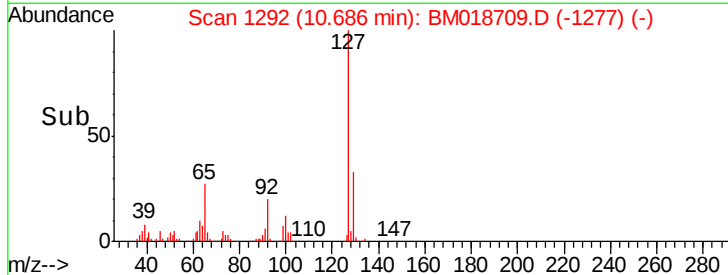
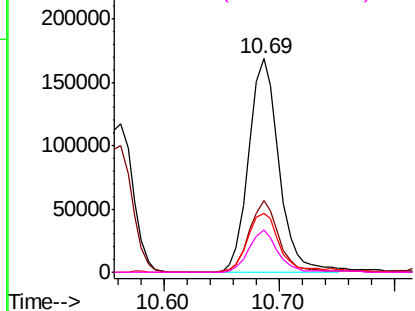
#33
4-Chloroaniline
Concen: 18.130 ng
RT: 10.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	310116
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.9	38.9
65	27.4	23.4	35.2
92	19.5	14.5	21.7

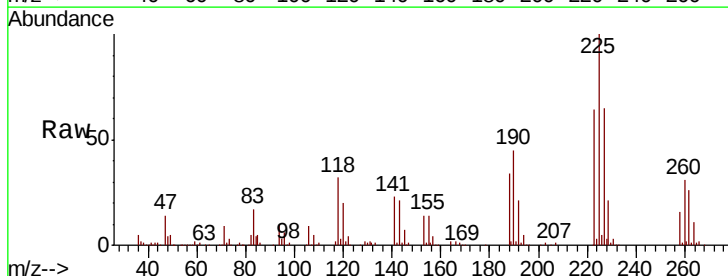


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

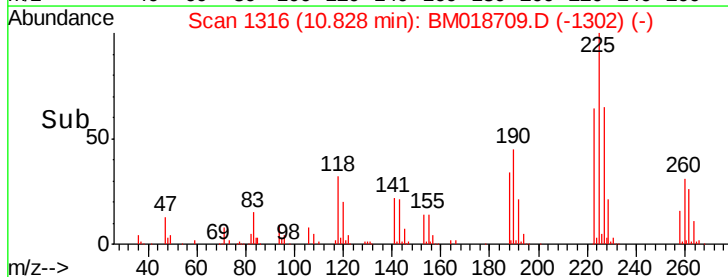
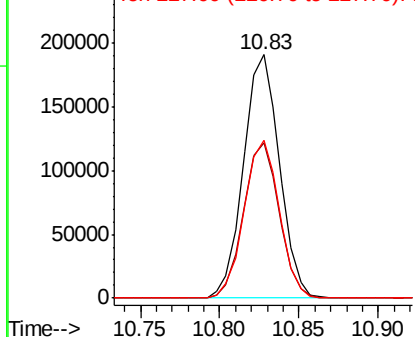


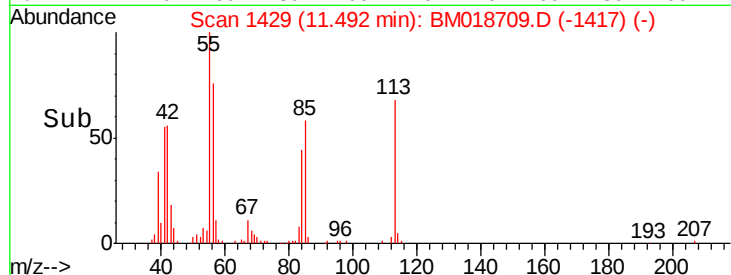
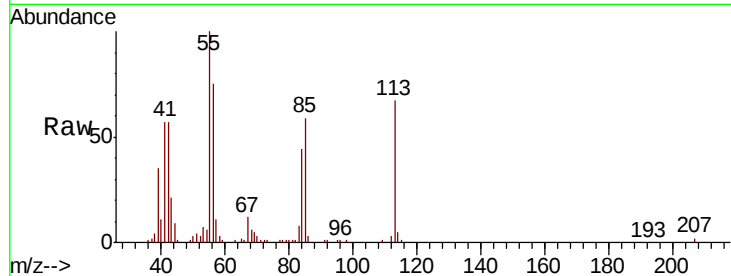
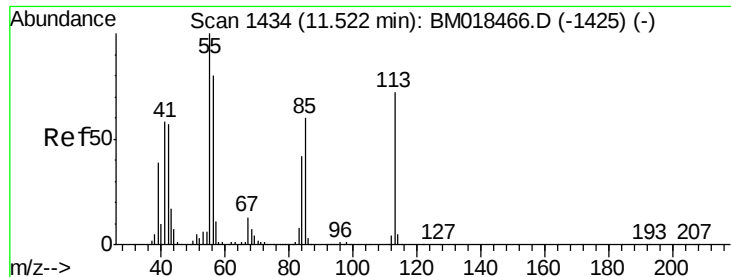
#34
Hexachlorobutadiene
Concen: 29.070 ng
RT: 10.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Tgt Ion:	225	Resp:	301122
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.8	76.2
227	65.0	50.4	75.6



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

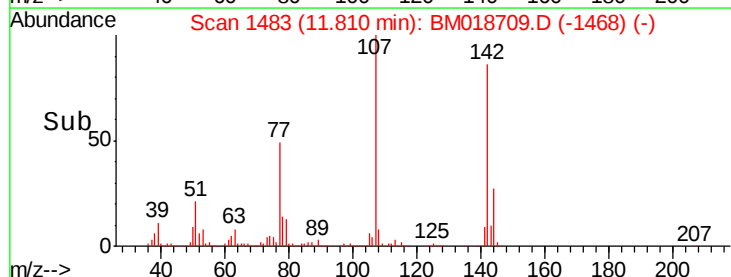
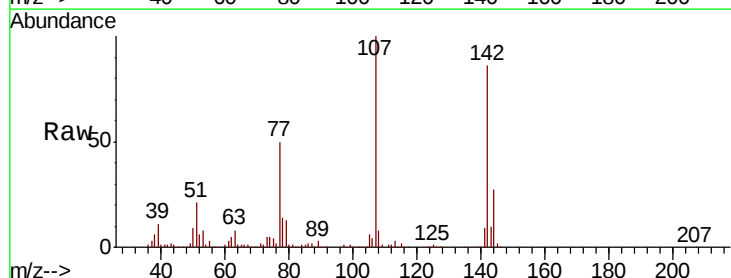
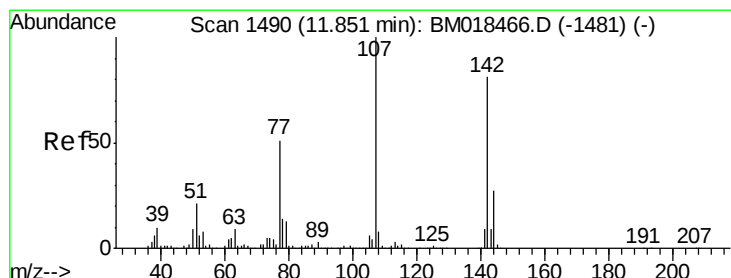
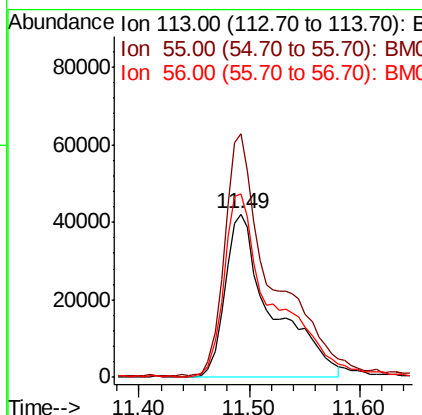




#35
Caprolactam
Concen: 27.796 ng
RT: 11.49 min Scan# 1429
Delta R.T. -0.03 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

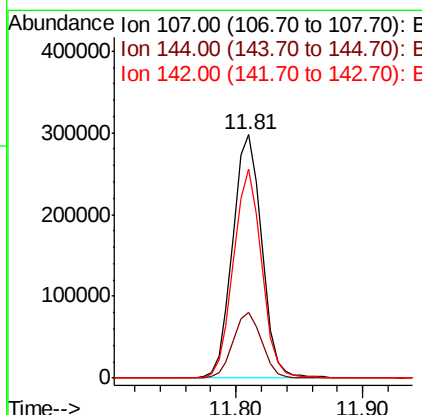
Instrument :
BNA_F
ClientSampleId :

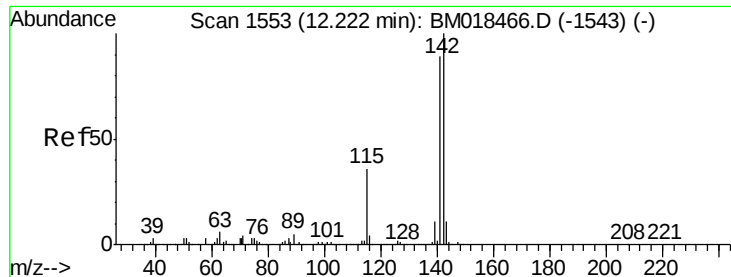
Tot Ion:113 Resp: 124838
Ion Ratio Lower Upper
113 100
55 149.4 139.3 179.3
56 112.3 101.4 141.4



#36
4-Chloro-3-methylphenol
Concen: 34.151 ng
RT: 11.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Tgt Ion:107 Resp: 473291
Ion Ratio Lower Upper
107 100
144 26.9 21.9 32.9
142 85.7 67.9 101.9



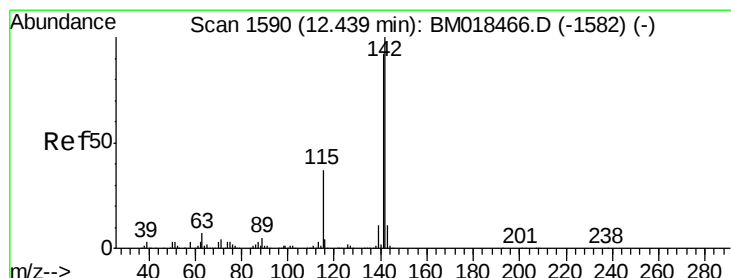
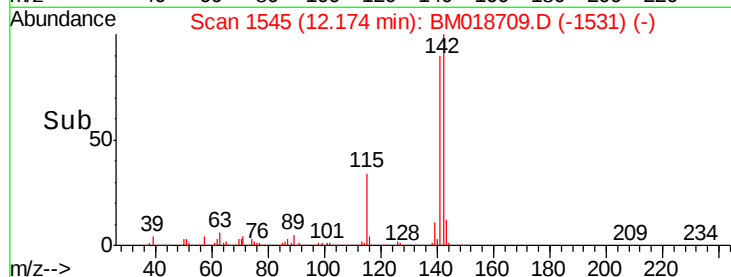
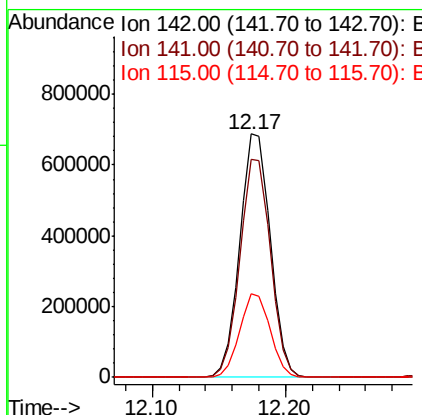
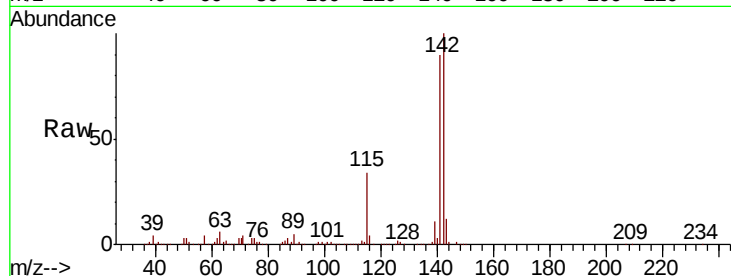


#37
 2-Methylnaphthalene
 Concen: 35.491 ng
 RT: 12.17 min Scan# 1545
 Delta R.T. -0.02 min
 Lab File: BM018709.D
 Acq: 01 Feb 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1089106

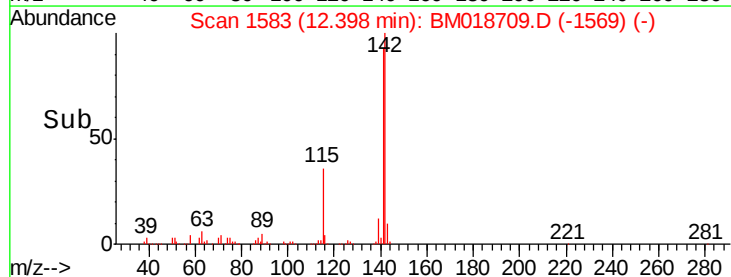
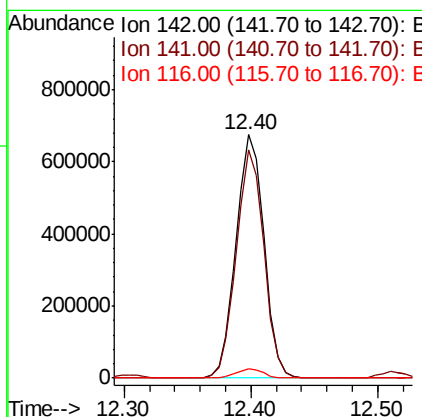
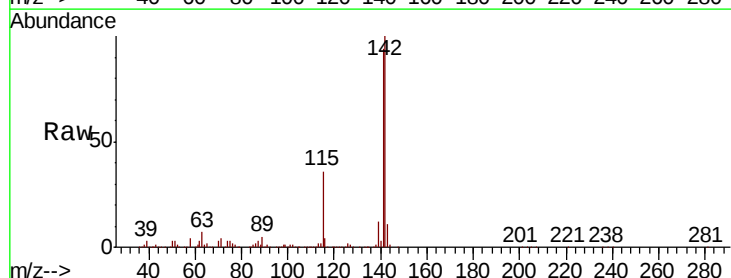
Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.2
115	34.1	28.0	42.0



#38
 1-Methylnaphthalene
 Concen: 34.665 ng
 RT: 12.40 min Scan# 1583
 Delta R.T. -0.02 min
 Lab File: BM018709.D
 Acq: 01 Feb 2019 16:53

Tgt Ion:142 Resp: 1029252

Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.6	113.4
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Instrument :

BNA_F

ClientSampleId :

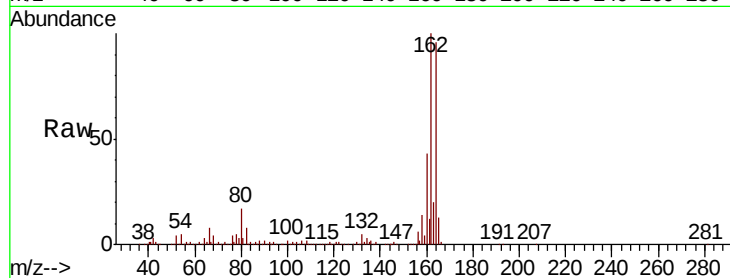
Tot Ion:164 Resp: 490320

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.4

160 44.9 37.1 55.7

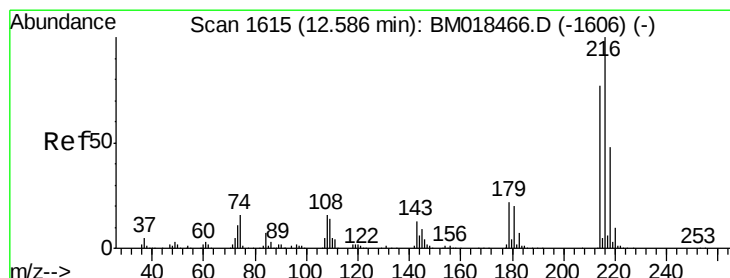
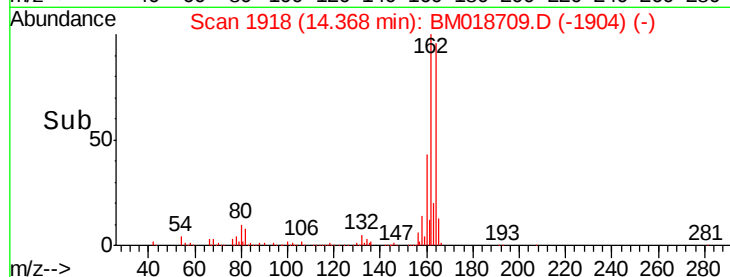
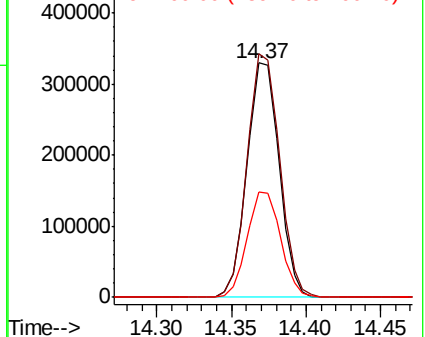


Abundance

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: 32.274 ng

RT: 12.55 min Scan# 1608

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Tgt Ion:216 Resp: 553385

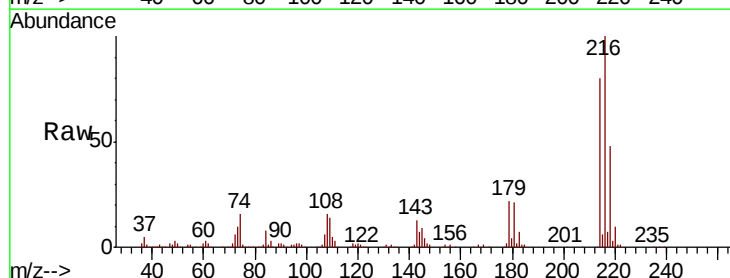
Ion Ratio Lower Upper

216 100

214 78.1 63.4 95.0

179 21.6 17.9 26.9

108 16.9 15.8 23.6



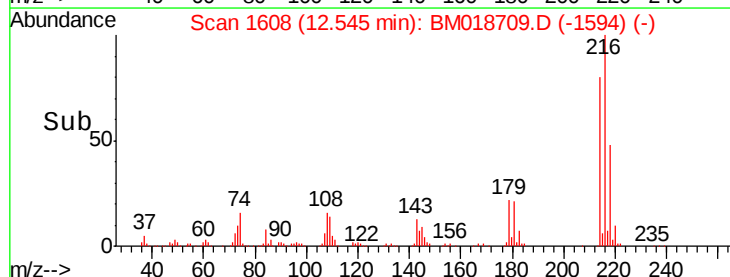
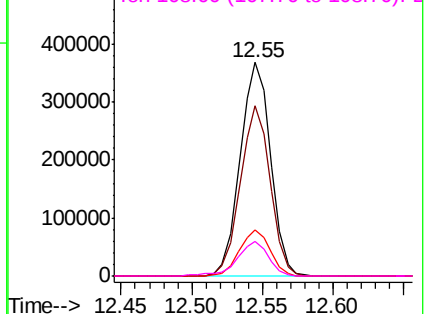
Abundance

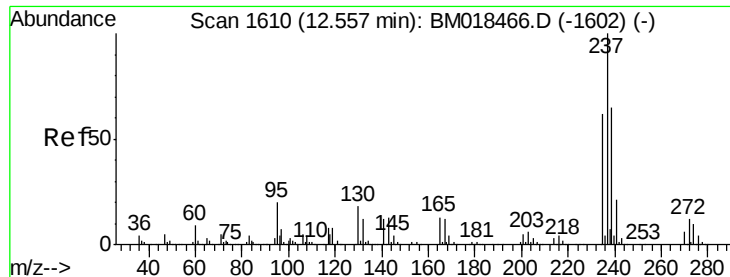
Ion 216.00 (215.70 to 216.70): E

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: 23.258 ng

RT: 12.51 min Scan# 1602

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

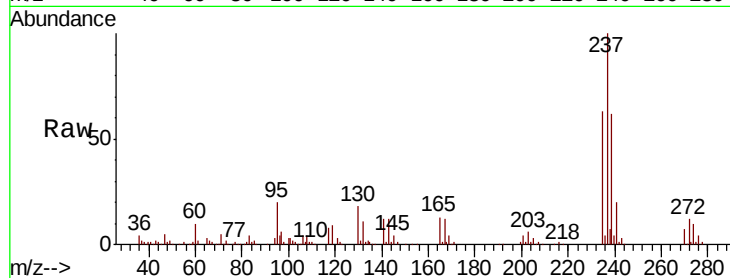
Instrument :

BNA_F

ClientSampleId :

Tot Ion:237 Resp: 218866

Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.8	82.8
272	12.5	0.0	31.9

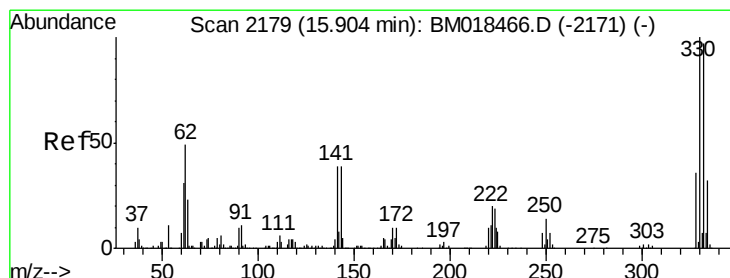
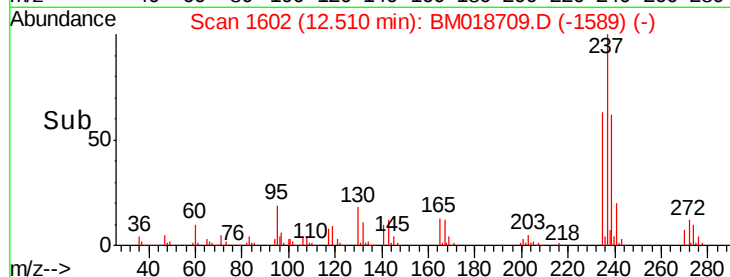
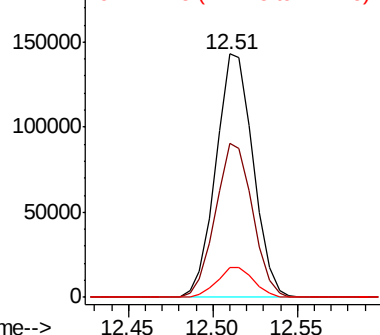


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 99.250 ng

RT: 15.87 min Scan# 2173

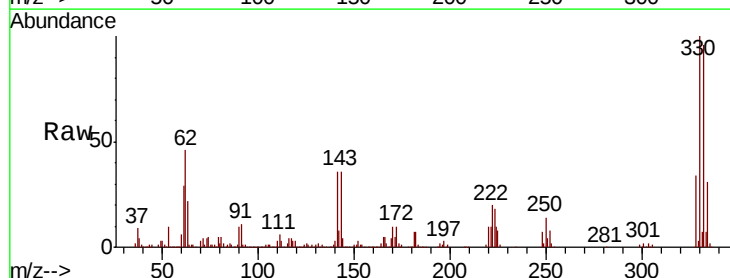
Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Tgt Ion:330 Resp: 619635

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	37.6	31.7	47.5

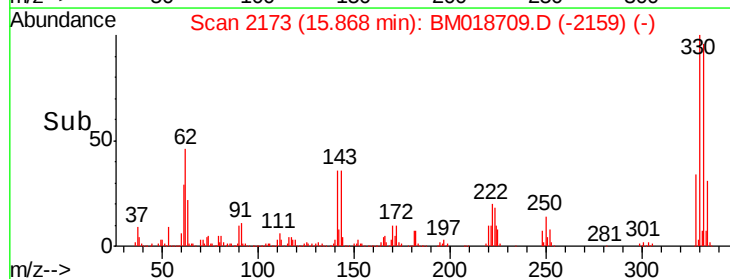
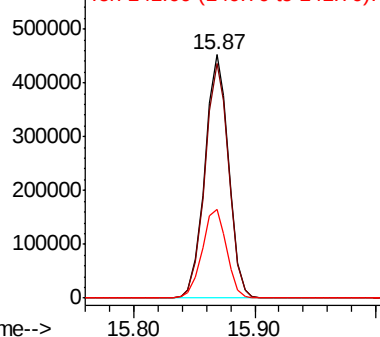


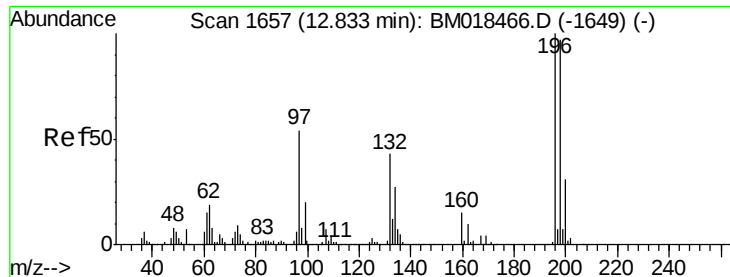
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

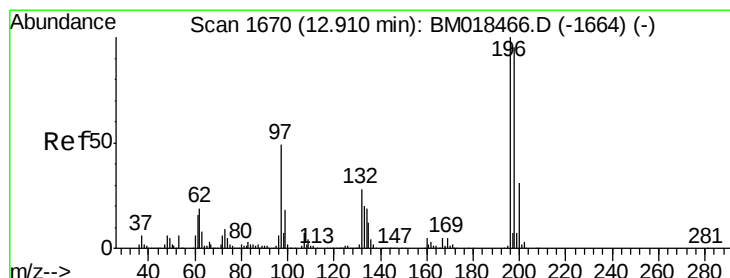
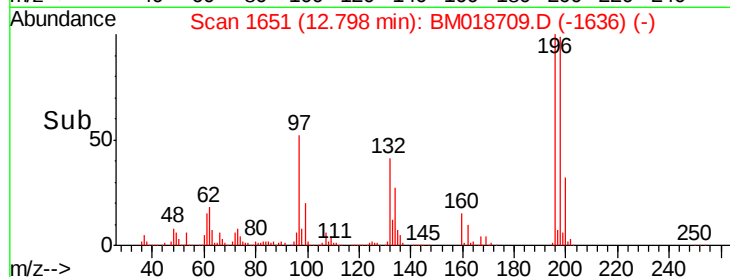
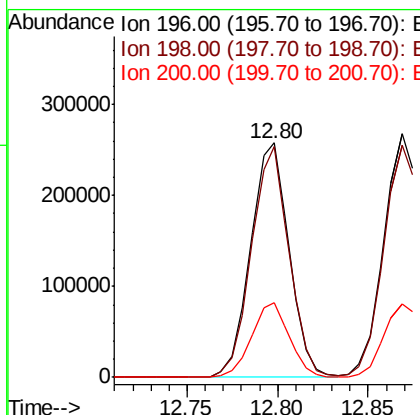
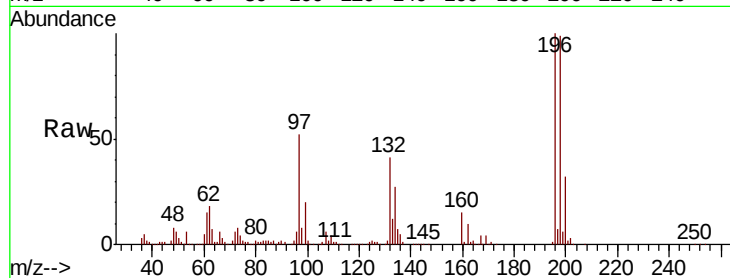




#43
 2,4,6-Trichlorophenol
 Concen: 36.531 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BM018709.D
 Acq: 01 Feb 2019 16:53

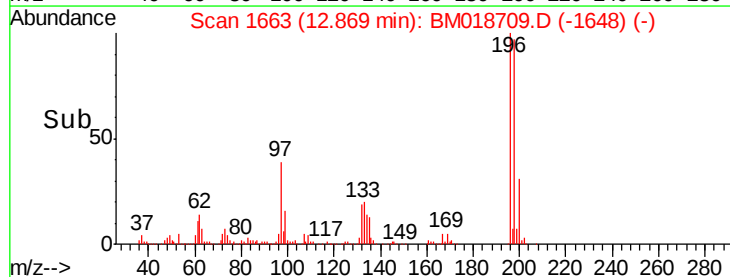
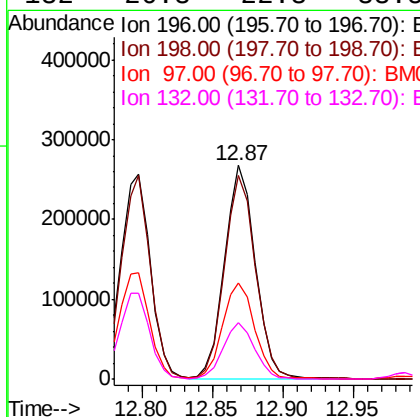
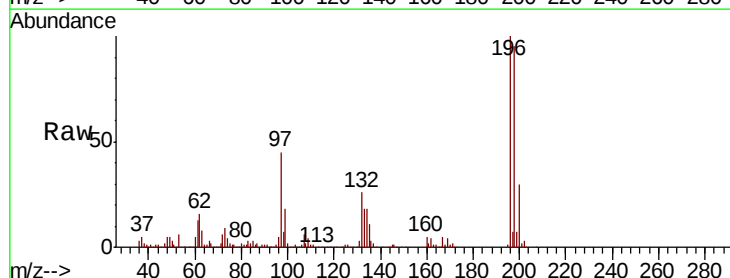
Instrument :
 BNA_F
 ClientSampleId :

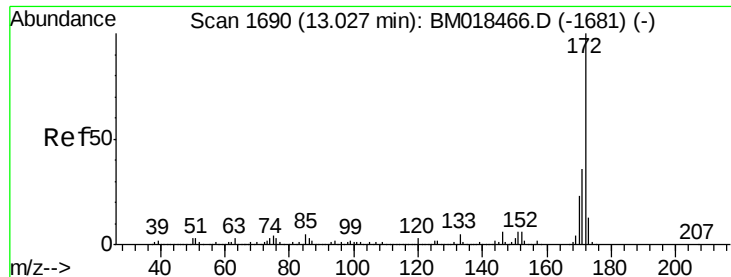
Tot Ion	196	Resp	380368
Ion Ratio	Lower	Upper	
196	100		
198	98.8	76.6	115.0
200	31.6	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 36.868 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BM018709.D
 Acq: 01 Feb 2019 16:53

Tgt Ion	196	Resp	403732
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.7	115.1
97	45.0	39.2	58.8
132	26.3	22.3	33.5

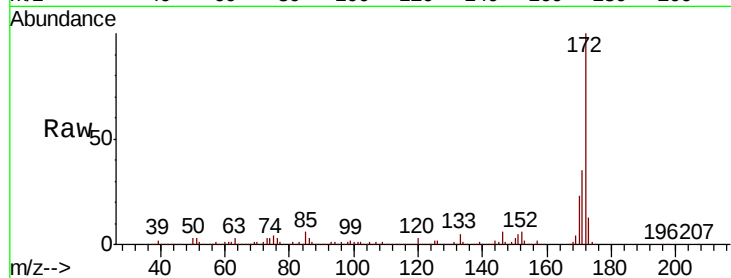




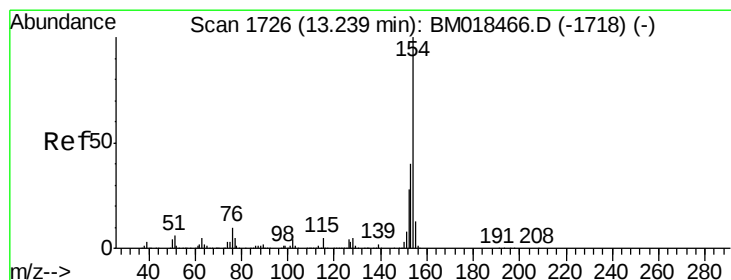
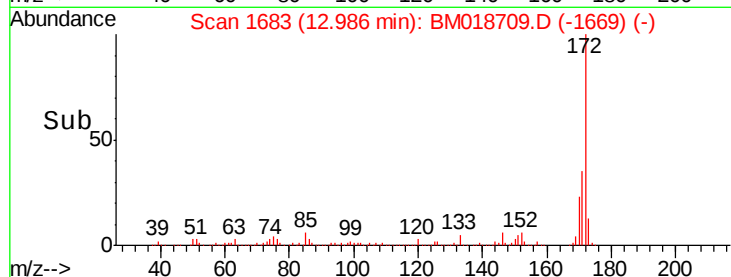
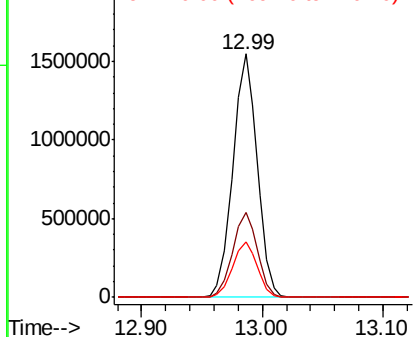
#45
2-Fluorobiphenyl
Concen: 57.818 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.02 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2172601
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 22.8 18.9 28.3

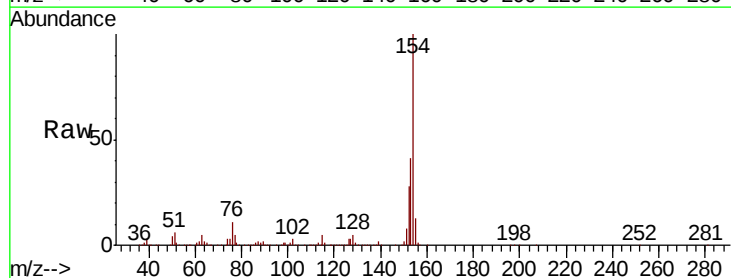


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

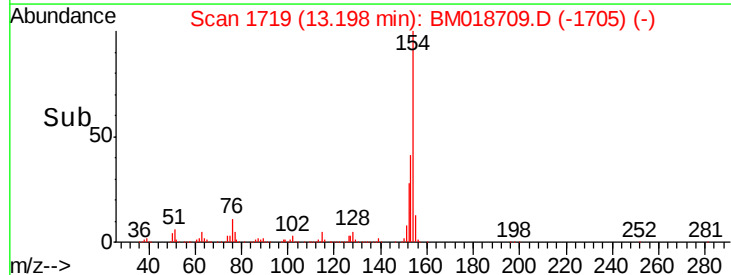
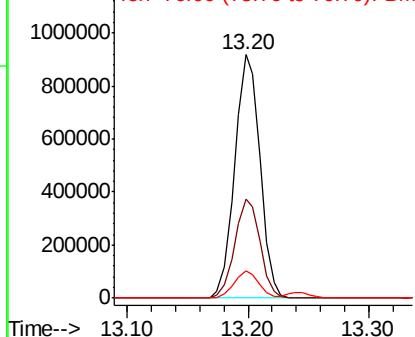


#46
1,1'-Biphenyl
Concen: 31.265 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Tgt Ion:154 Resp: 1338540
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 11.1 0.0 31.9



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

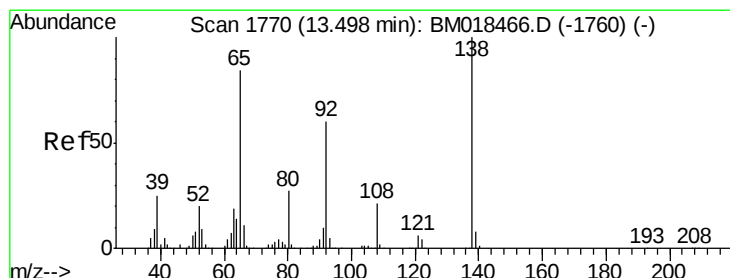
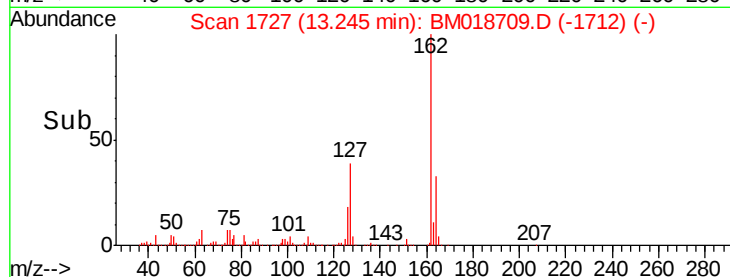
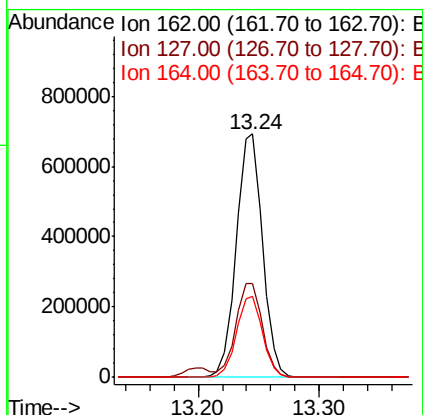
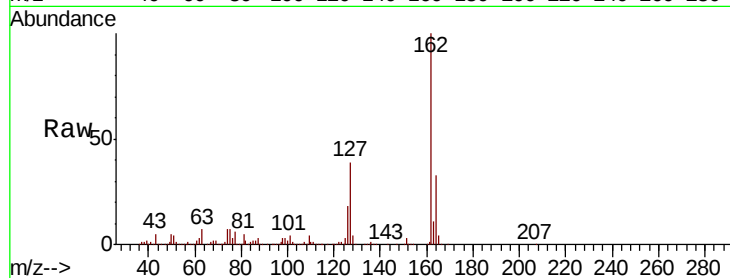




#47
2-Chloronaphthalene
Concen: 31.600 ng
RT: 13.24 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

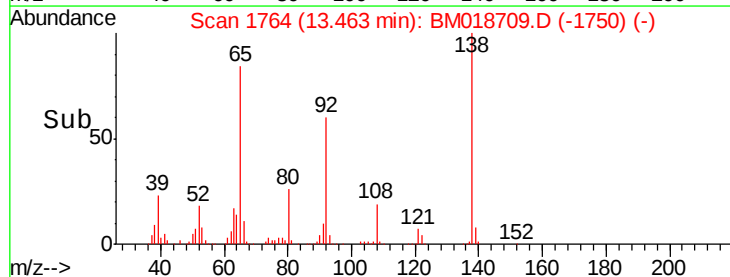
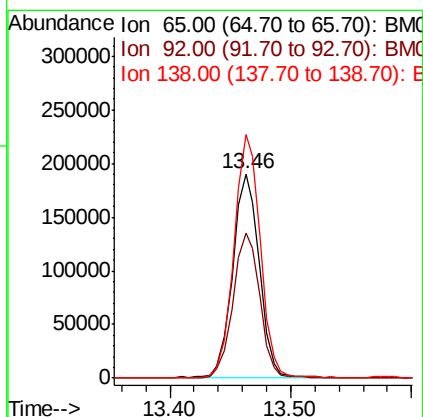
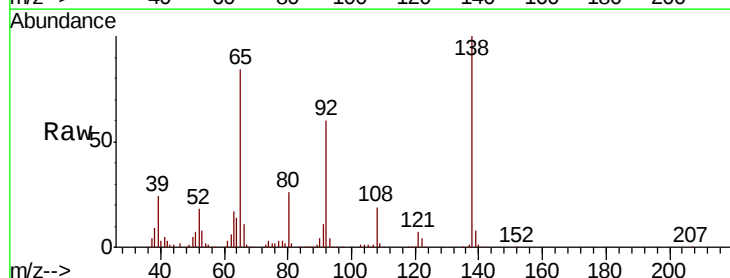
Instrument :
BNA_F
ClientSampled :

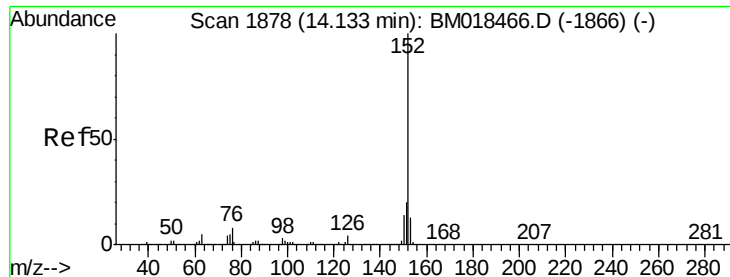
Tot Ion:162 Resp: 1049082
Ion Ratio Lower Upper
162 100
127 38.6 31.4 47.0
164 33.4 26.2 39.4



#48
2-Nitroaniline
Concen: 35.253 ng
RT: 13.46 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Tgt Ion: 65 Resp: 287935
Ion Ratio Lower Upper
65 100
92 71.2 53.4 80.2
138 119.1 88.9 133.3





#49

Acenaphthylene

Concen: 34.963 ng

RT: 14.09 min Scan# 1871

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

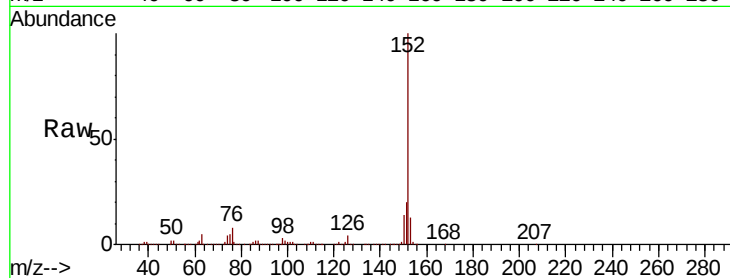
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1691561

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.8	10.5	15.7

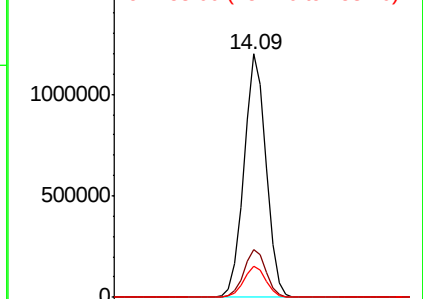


Abundance

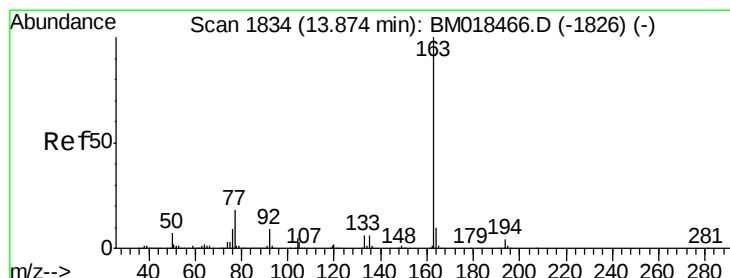
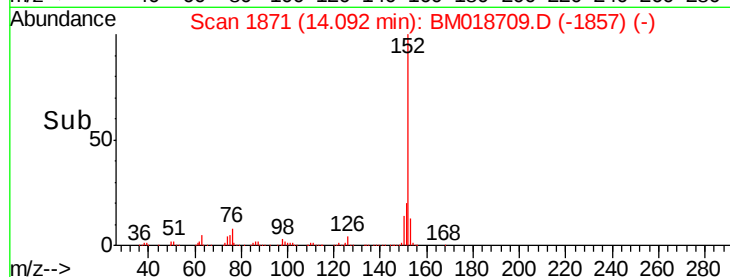
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 37.518 ng

RT: 13.83 min Scan# 1827

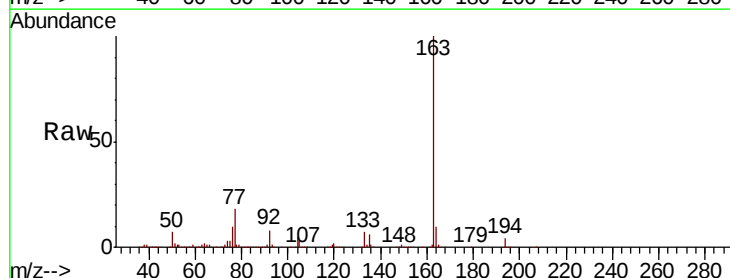
Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Tgt Ion:163 Resp: 1510782

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.8	7.8	11.8

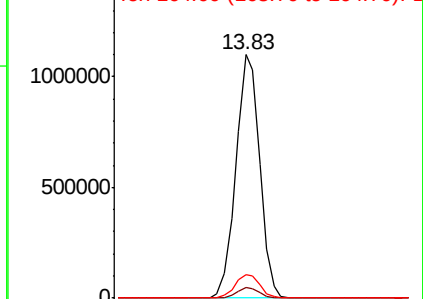


Abundance

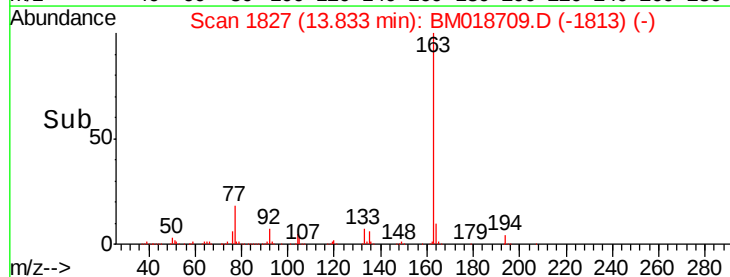
Ion 163.00 (162.70 to 163.70): E

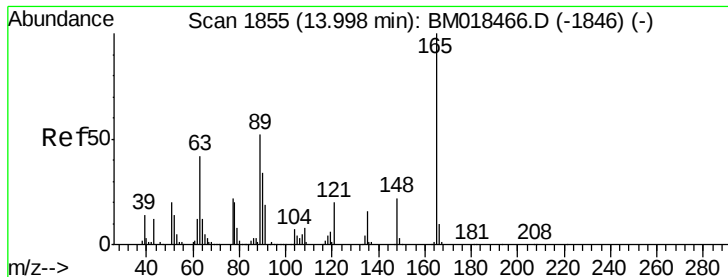
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





#51

2,6-Dinitrotoluene

Concen: 32.713 ng

RT: 13.96 min Scan# 1849

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Instrument :

BNA_F

ClientSampled :

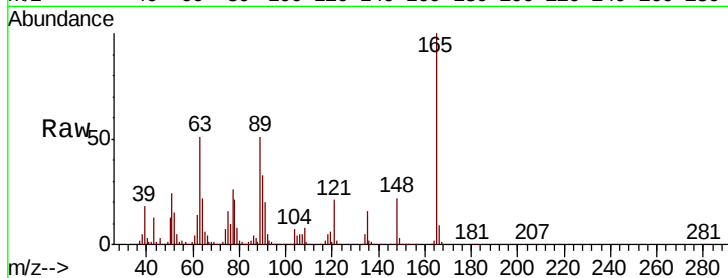
Tot Ion:165 Resp: 279038

Ion Ratio Lower Upper

165 100

63 50.6 45.6 68.4

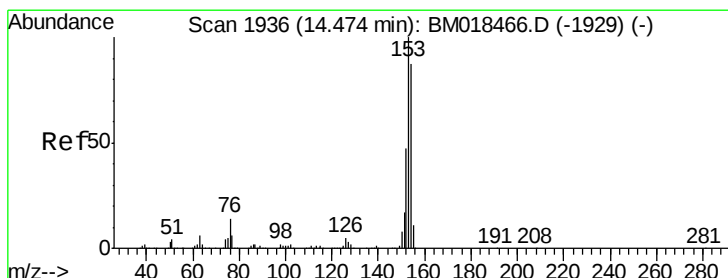
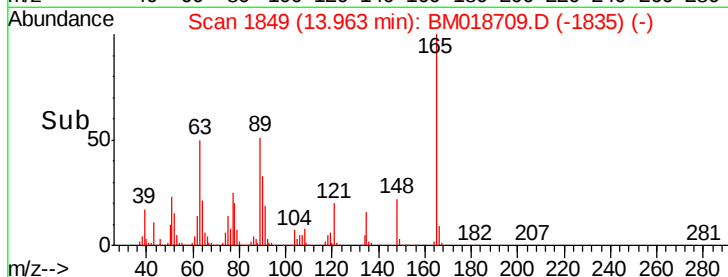
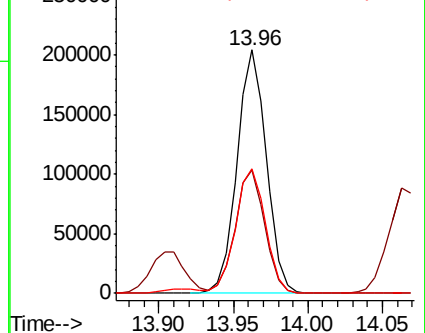
89 51.2 44.6 66.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 37.110 ng

RT: 14.44 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

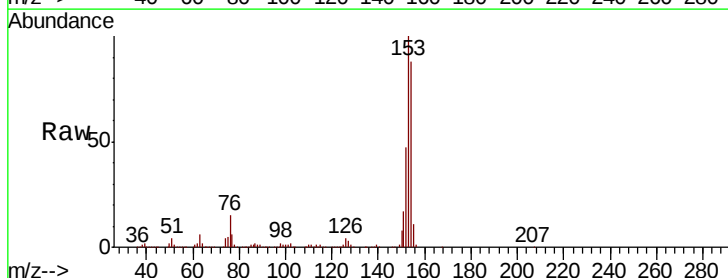
Tgt Ion:154 Resp: 1098571

Ion Ratio Lower Upper

154 100

153 114.0 92.3 138.5

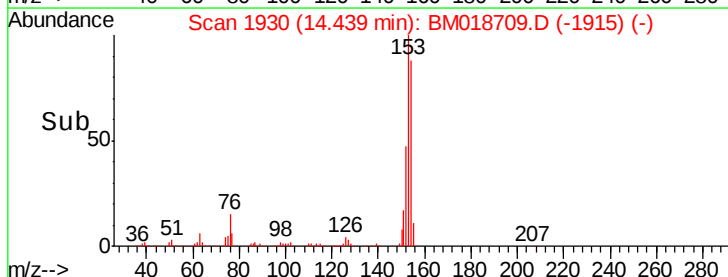
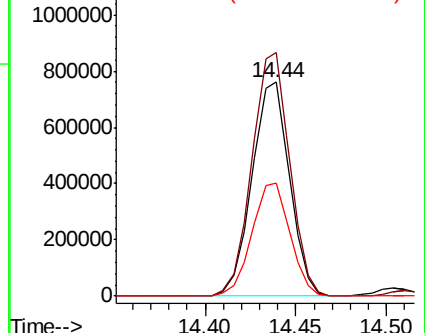
152 53.1 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

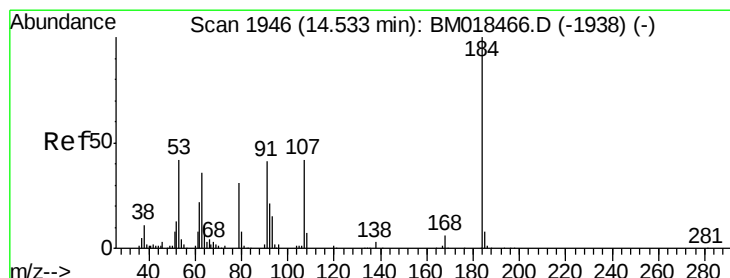
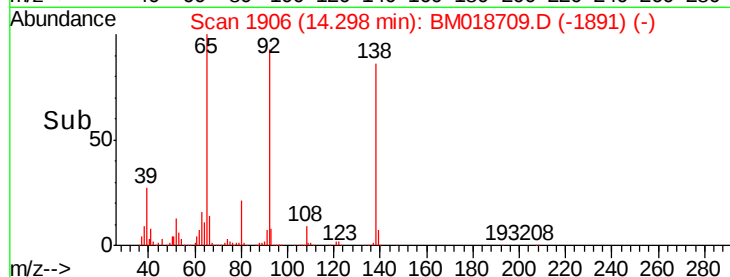
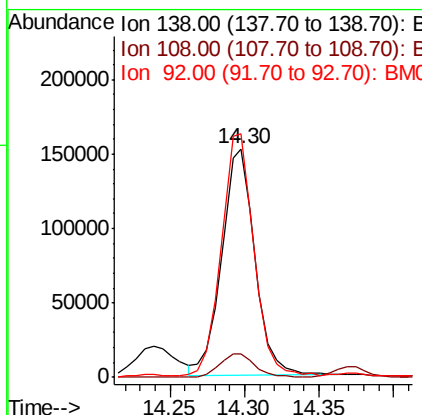
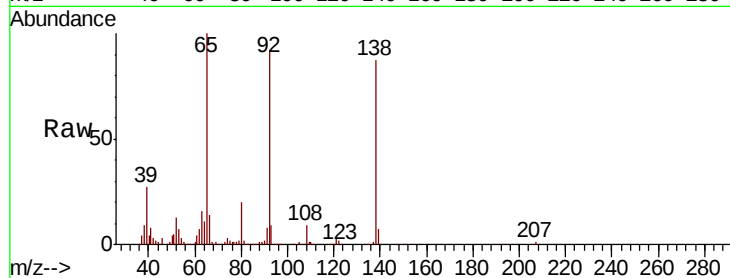




#53
3-Nitroaniline
Concen: 27.630 ng
RT: 14.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

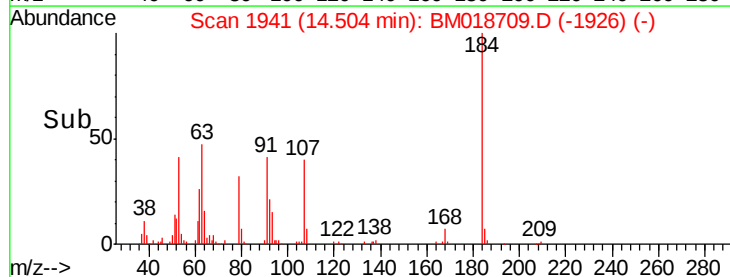
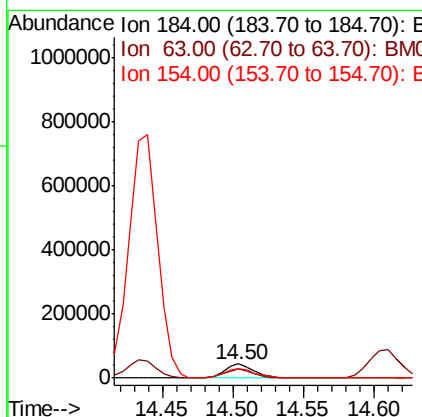
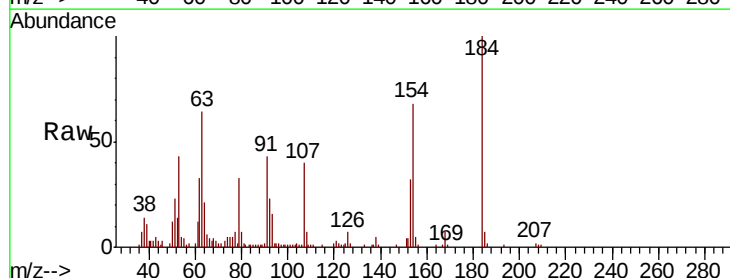
Instrument :
BNA_F
ClientSampleId :

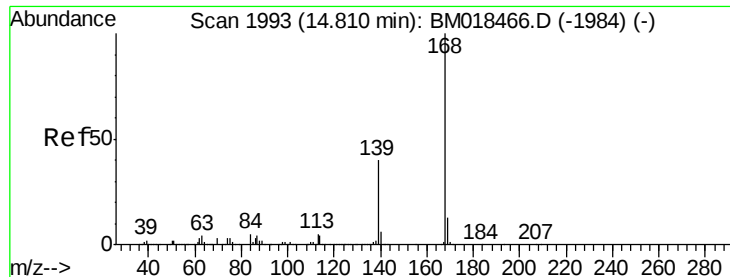
Tot Ion:138 Resp: 237606
Ion Ratio Lower Upper
138 100
108 10.2 9.1 13.7
92 106.5 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 19.951 ng
RT: 14.50 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Tgt Ion:184 Resp: 64695
Ion Ratio Lower Upper
184 100
63 63.6 55.9 83.9
154 68.4 54.2 81.4

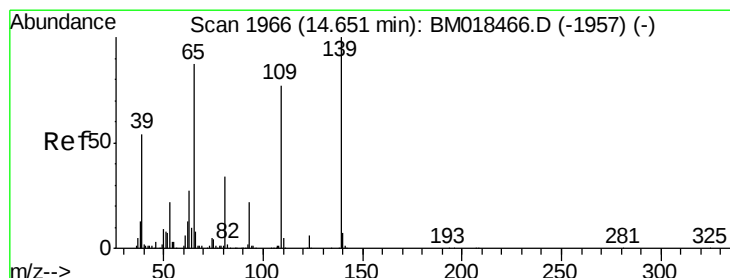
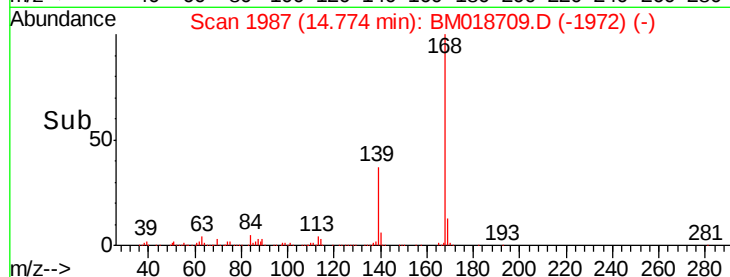
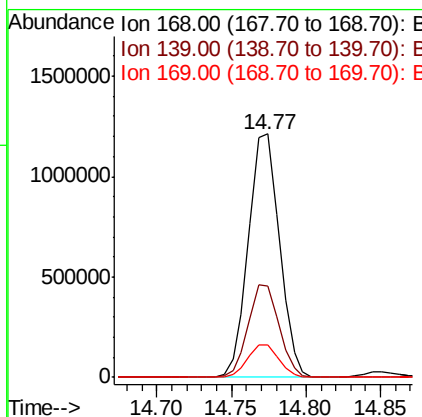
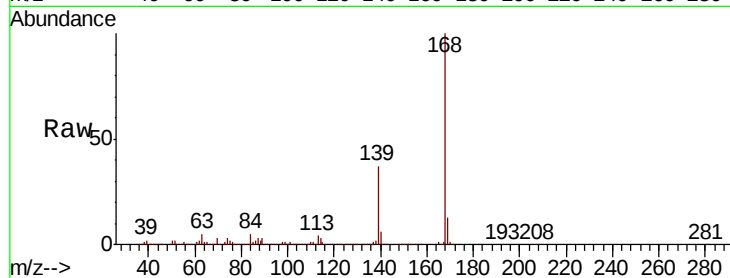




#55
Dibenzofuran
Concen: 35.762 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

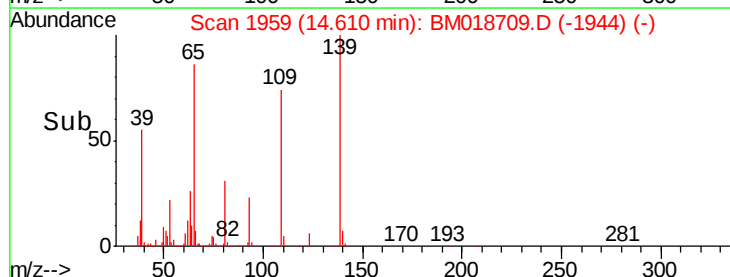
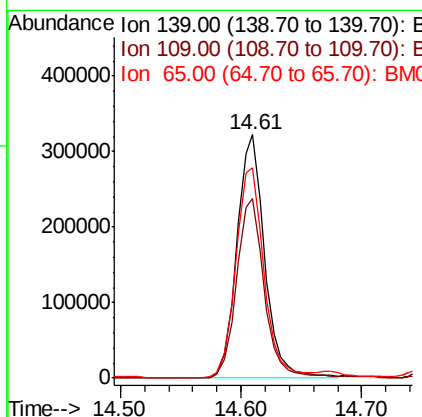
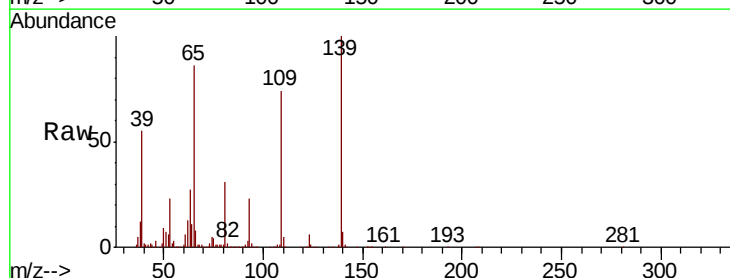
Instrument :
BNA_F
ClientSampleId :

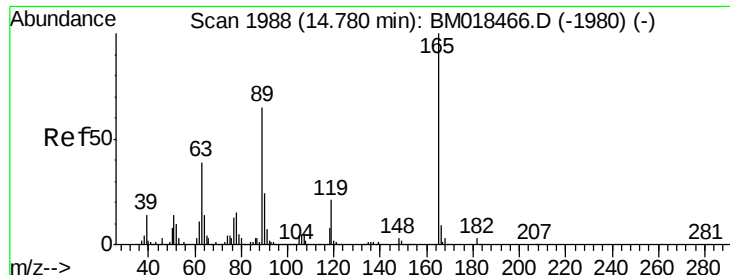
Tot Ion:168 Resp: 1749217
Ion Ratio Lower Upper
168 100
139 37.5 30.3 45.5
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 69.761 ng
RT: 14.61 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Tgt Ion:139 Resp: 518260
Ion Ratio Lower Upper
139 100
109 73.6 51.7 91.7
65 86.3 71.4 111.4

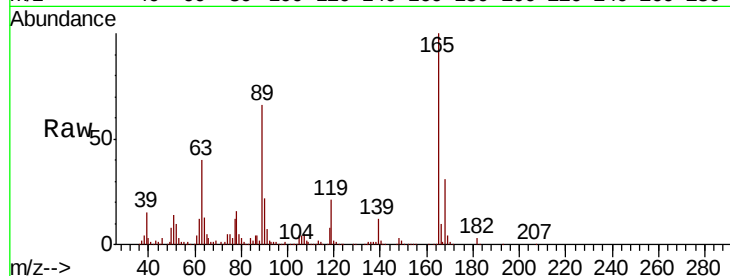




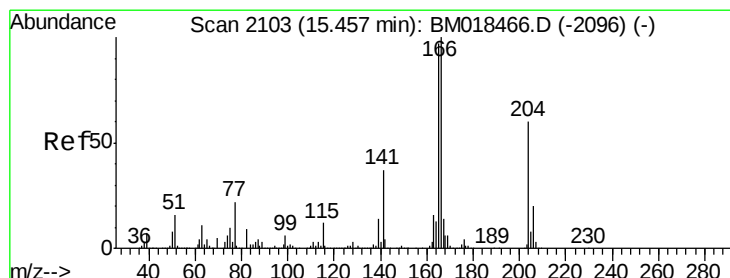
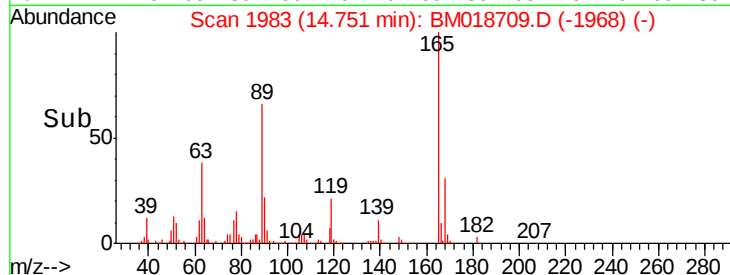
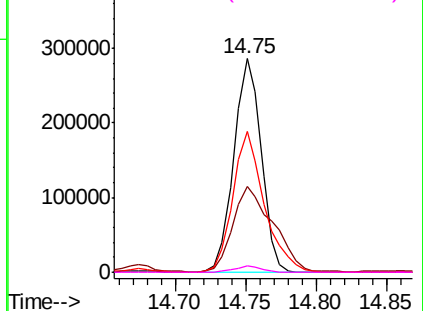
#57
 2,4-Dinitrotoluene
 Concen: 32.174 ng
 RT: 14.75 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BM018709.D
 Acq: 01 Feb 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	388295
Ion	Ratio	Lower	Upper
165	100		
63	40.3	32.2	48.2
89	65.9	52.1	78.1
182	2.7	2.5	3.7

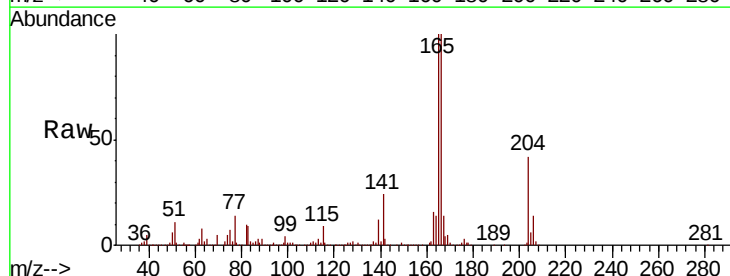


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

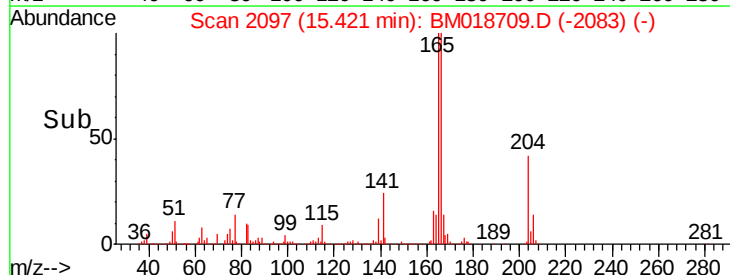
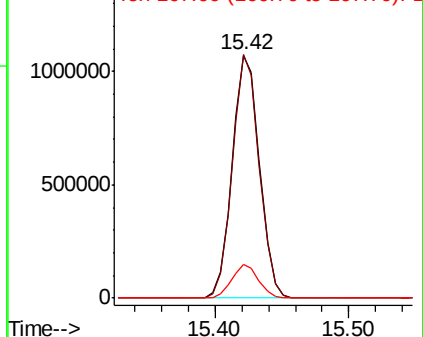


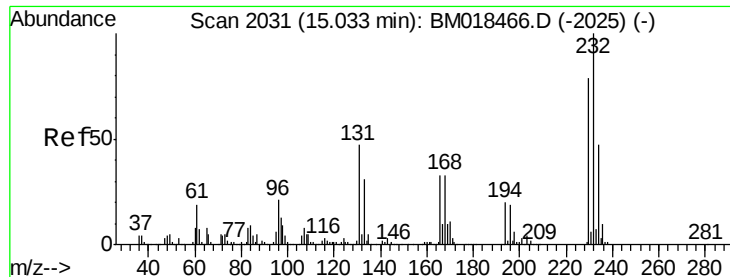
#58
 Fluorene
 Concen: 41.784 ng
 RT: 15.42 min Scan# 2097
 Delta R.T. -0.02 min
 Lab File: BM018709.D
 Acq: 01 Feb 2019 16:53

Tgt Ion:	166	Resp:	1522447
Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.3	117.5
167	13.9	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

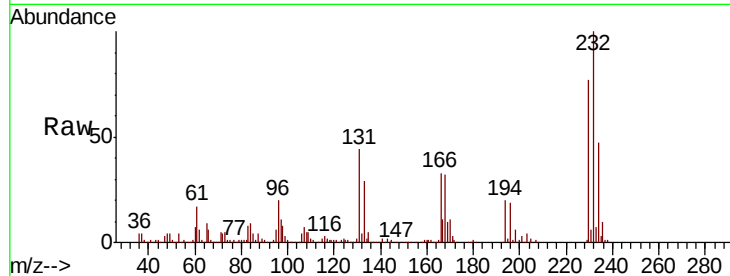




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.059 ng
RT: 15.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	38.6	57.8
130	2.6	2.2	3.4
166	32.9	27.2	40.8



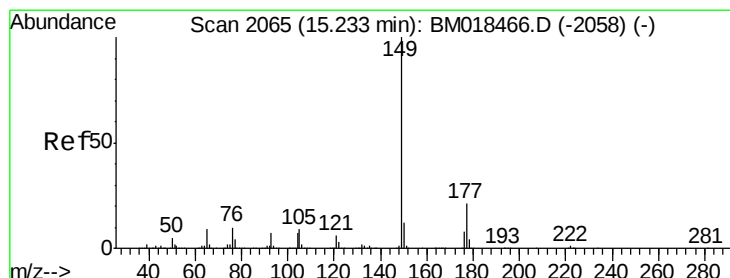
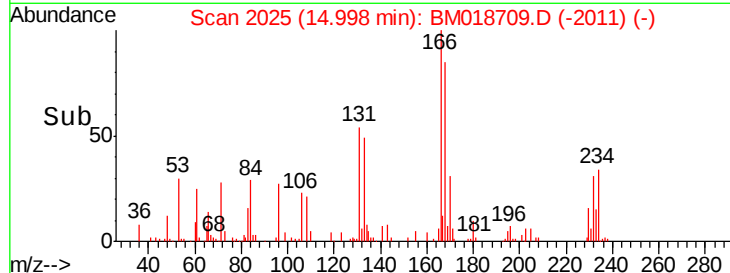
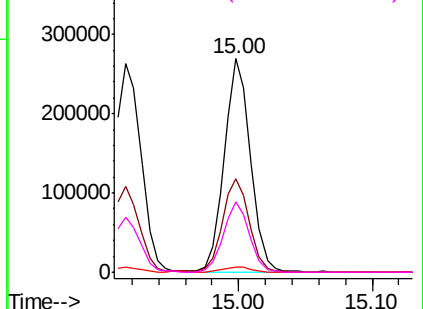
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

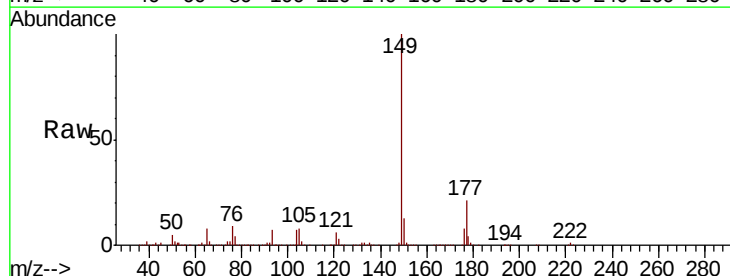
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 32.209 ng
RT: 15.20 min Scan# 2059
Delta R.T. -0.02 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.6	9.8	14.6

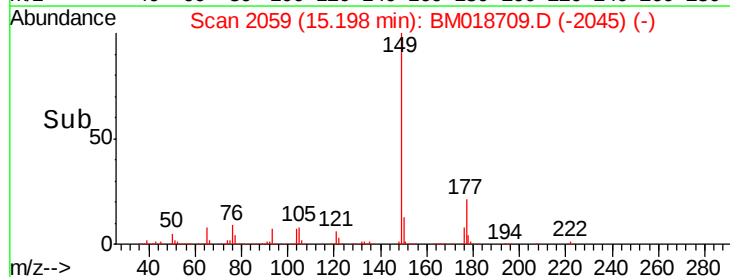
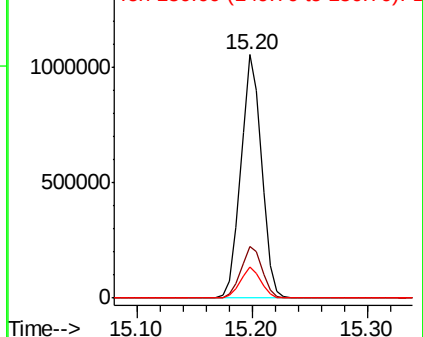


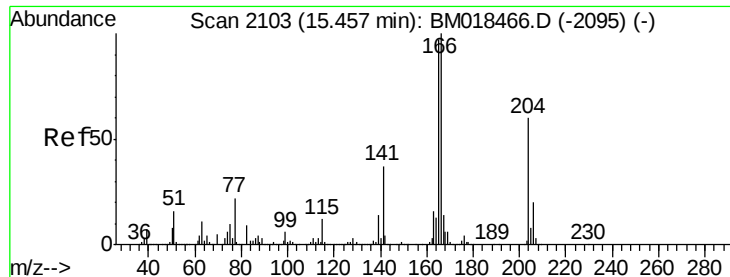
Abundance

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

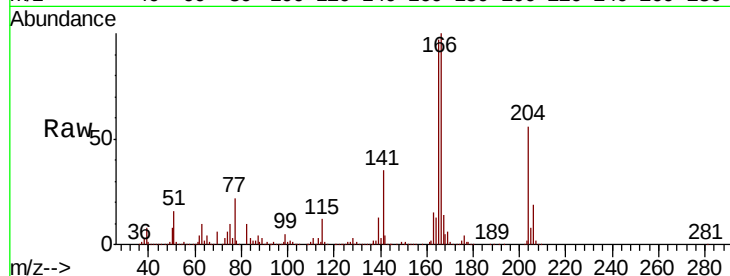




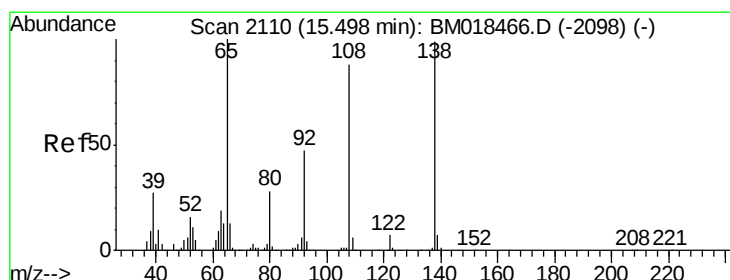
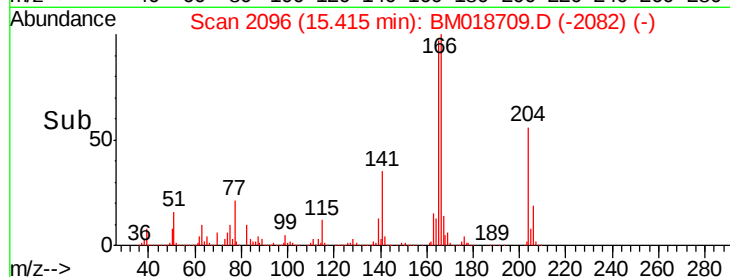
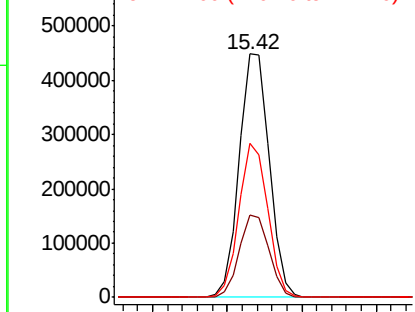
#61
4-Chlorophenyl-phenylether
Concen: 29.920 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 628329
Ion Ratio Lower Upper
204 100
206 33.8 25.8 38.6
141 63.3 49.5 74.3

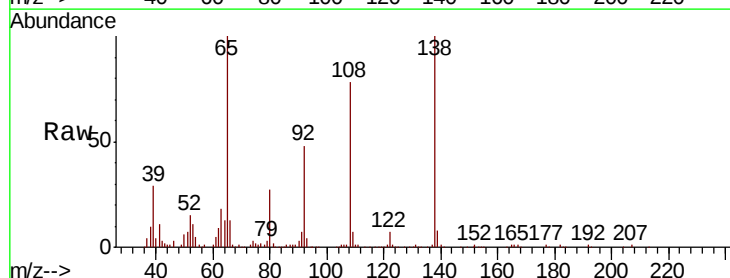


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

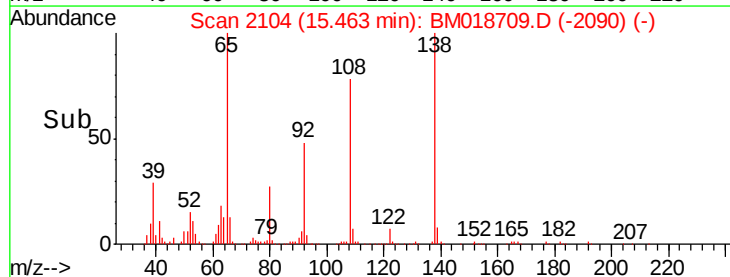
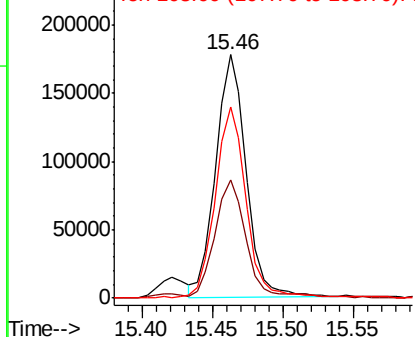


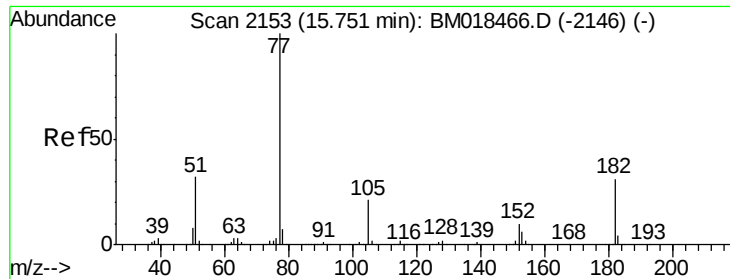
#62
4-Nitroaniline
Concen: 28.141 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Tgt Ion:138 Resp: 263955
Ion Ratio Lower Upper
138 100
92 48.4 29.0 69.0
108 78.5 63.9 103.9



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





#63

Azobenzene

Concen: 31.848 ng

RT: 15.71 min Scan# 2146

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1055562

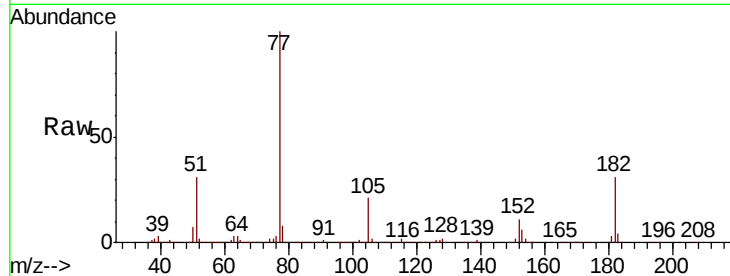
Ion Ratio Lower Upper

77 100

182 30.5 7.4 47.4

105 21.3 0.0 39.6

51 30.8 12.0 52.0

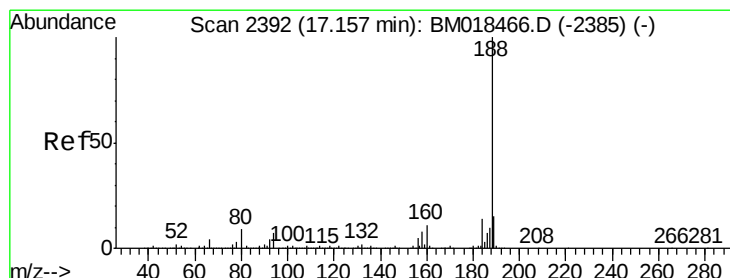
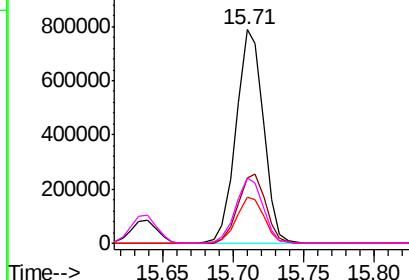
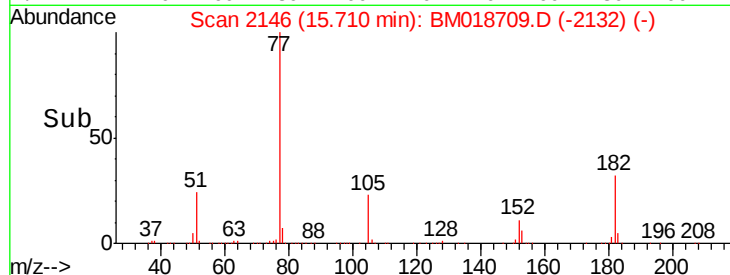


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

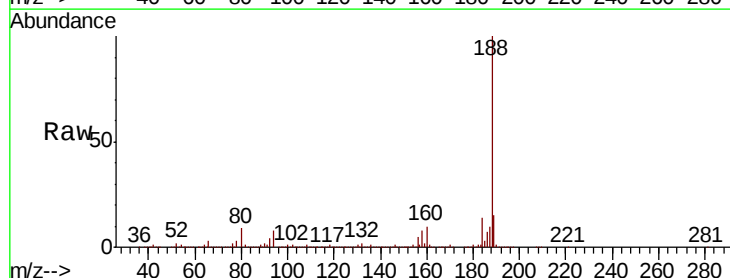
Tgt Ion: 188 Resp: 1088252

Ion Ratio Lower Upper

188 100

94 8.0 7.1 10.7

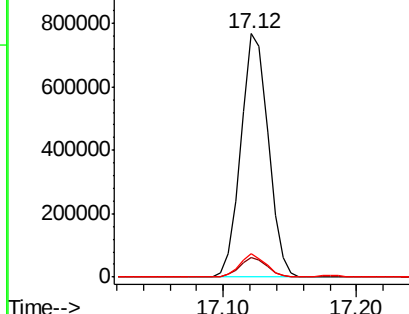
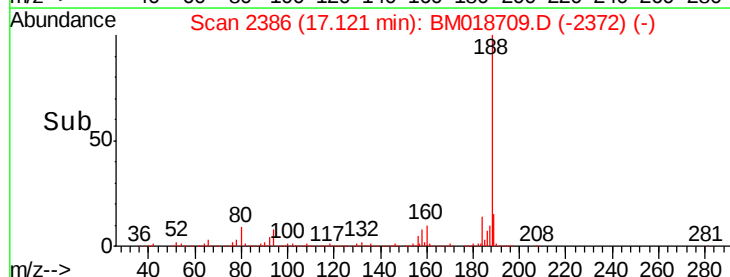
80 9.4 7.6 11.4

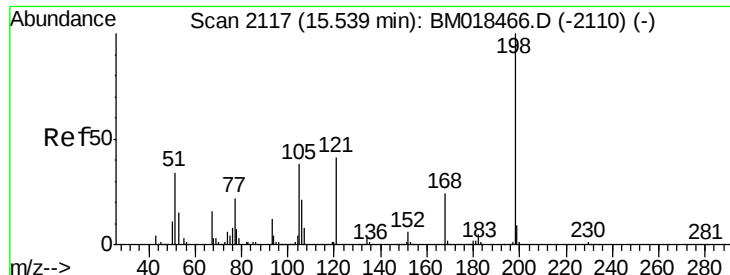


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 15.159 ng

RT: 15.51 min Scan# 2112

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

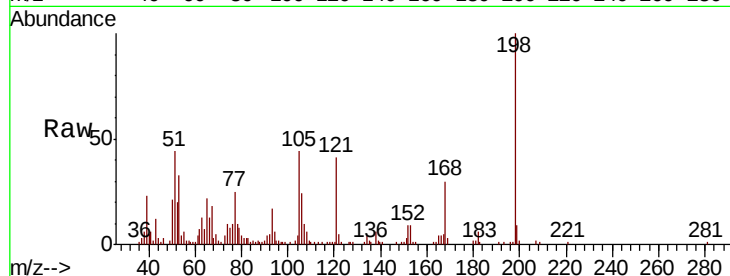
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 76312

Ion	Ratio	Lower	Upper
198	100		
51	44.3	29.6	69.6
105	44.1	25.5	65.5

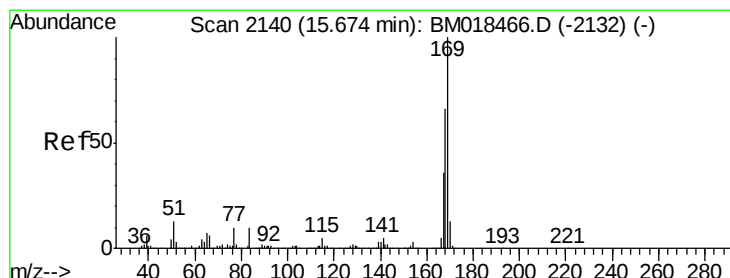
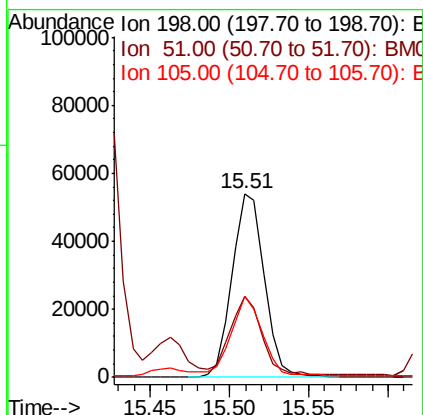
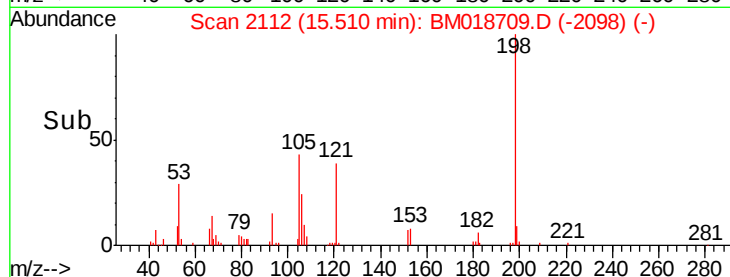


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 32.905 ng

RT: 15.64 min Scan# 2134

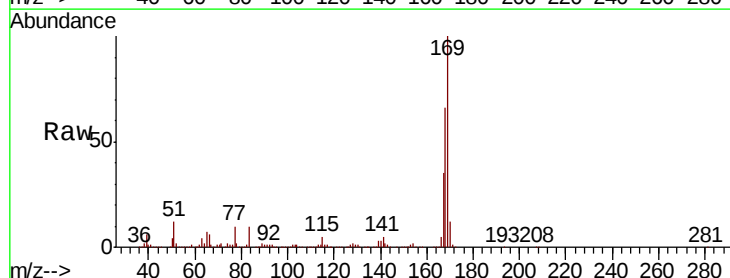
Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Tgt Ion:169 Resp: 1110788

Ion	Ratio	Lower	Upper
169	100		
168	66.5	54.1	81.1
167	35.3	28.6	42.8

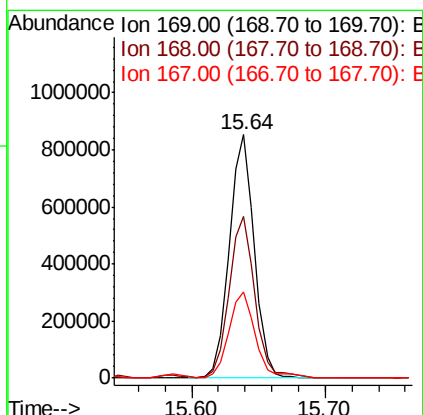
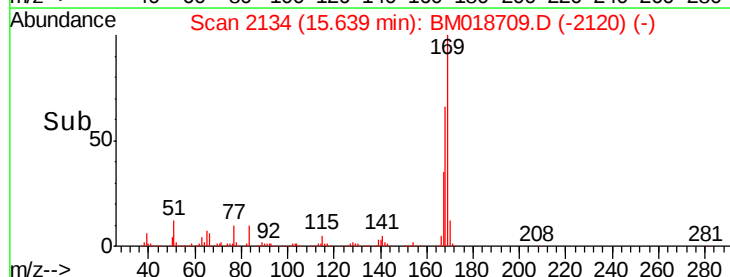


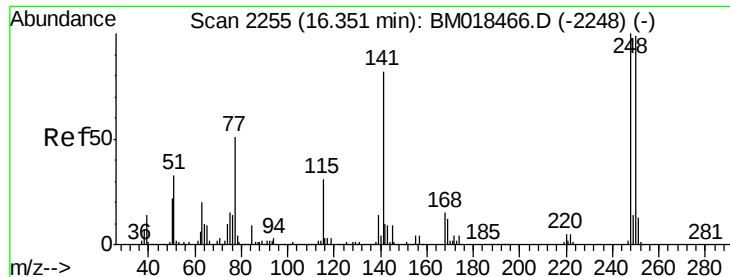
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

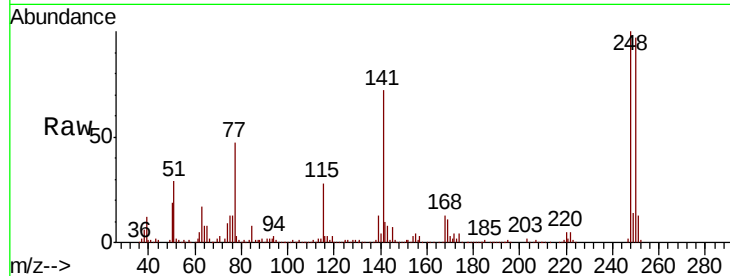




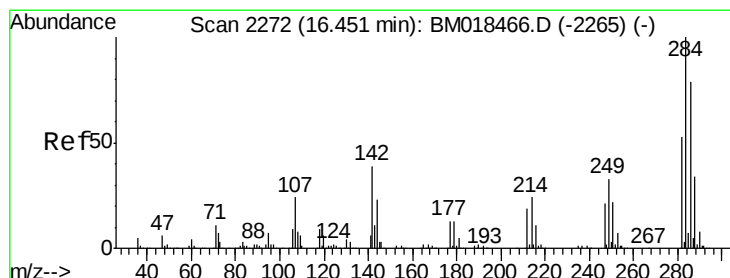
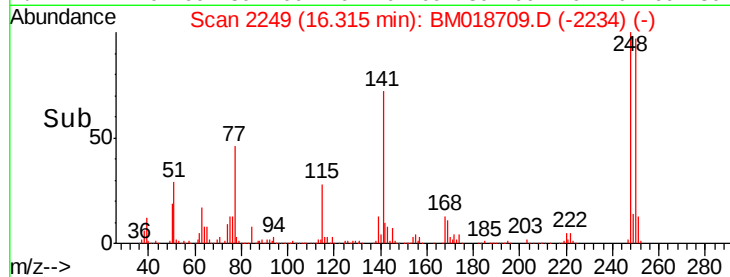
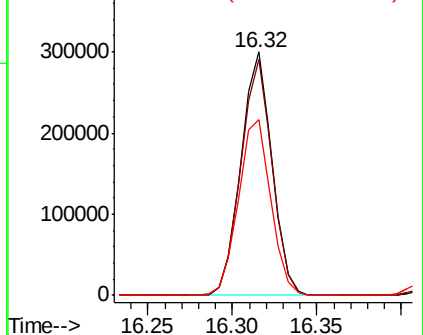
#67
4-Bromophenyl-phenylether
Concen: 31.603 ng
RT: 16.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 384872
Ion Ratio Lower Upper
248 100
250 96.7 76.0 114.0
141 72.3 61.5 92.3

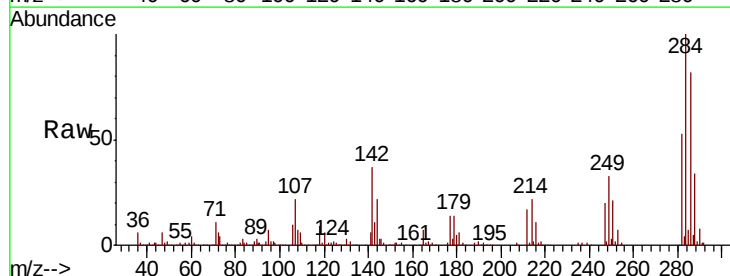


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

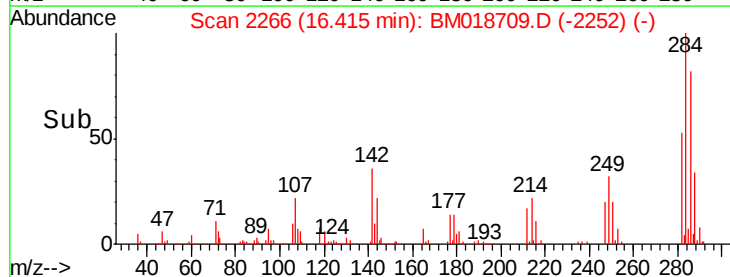
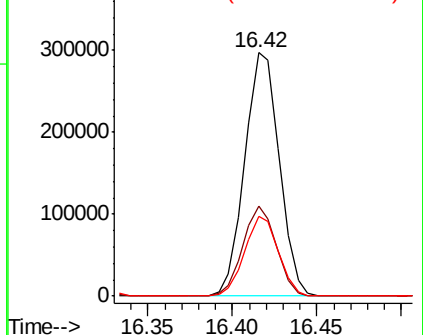


#68
Hexachlorobenzene
Concen: 31.115 ng
RT: 16.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Tgt Ion:284 Resp: 424198
Ion Ratio Lower Upper
284 100
142 36.8 29.2 43.8
249 32.8 26.1 39.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 32.893 ng

RT: 16.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Instrument :

BNA_F

ClientSampleId :

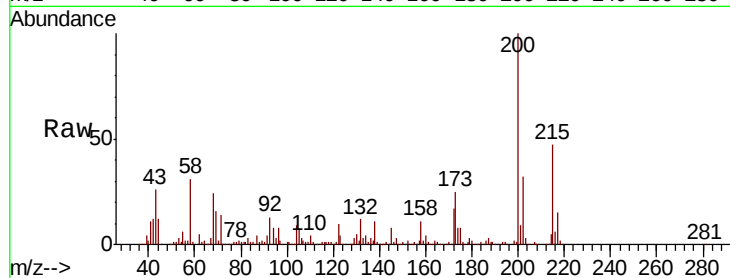
Tot Ion:200 Resp: 401420

Ion Ratio Lower Upper

200 100

173 25.5 7.2 47.2

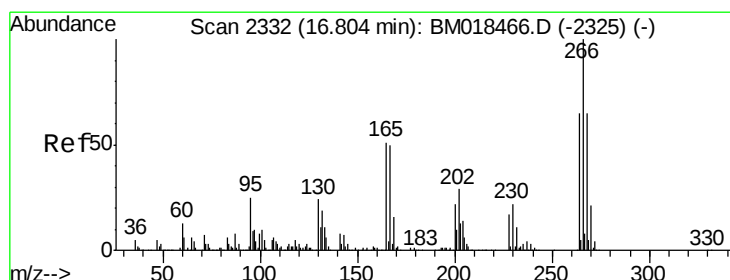
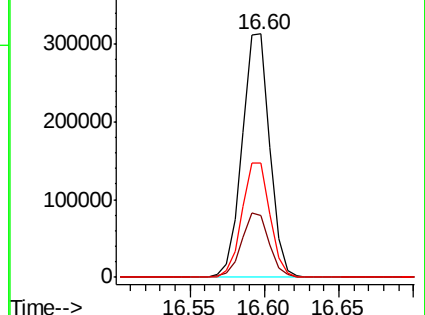
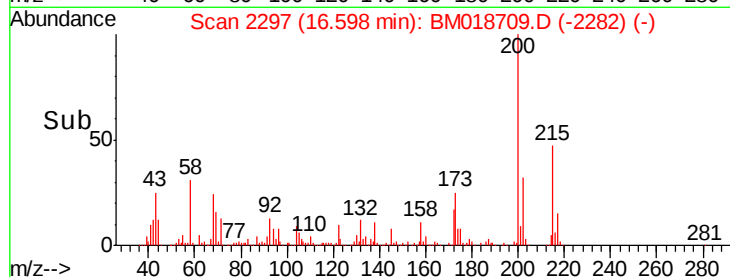
215 46.9 28.3 68.3



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: 62.285 ng

RT: 16.77 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

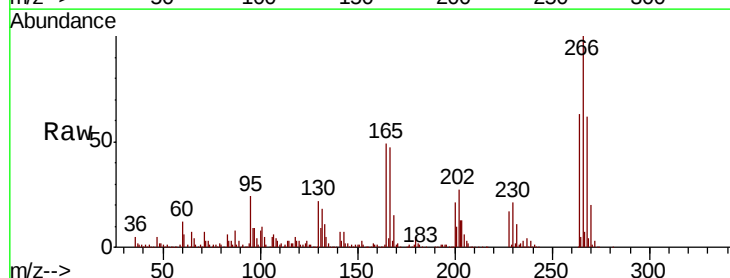
Tgt Ion:266 Resp: 556129

Ion Ratio Lower Upper

266 100

268 62.0 49.8 74.6

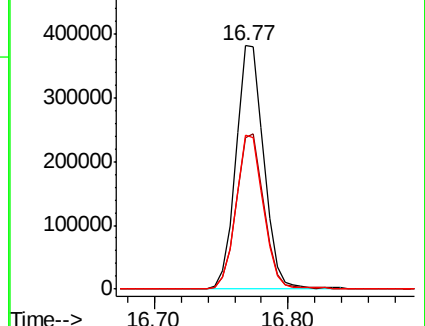
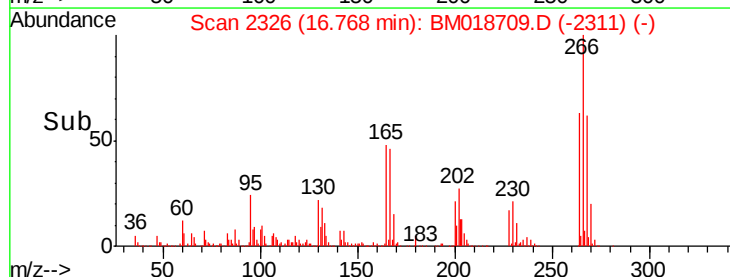
264 63.3 50.1 75.1

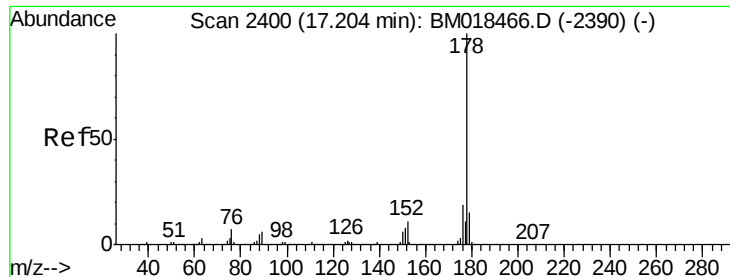


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

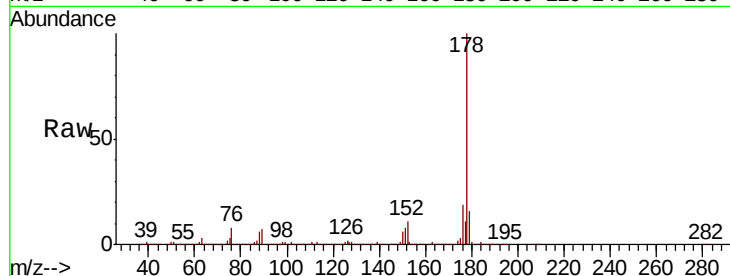




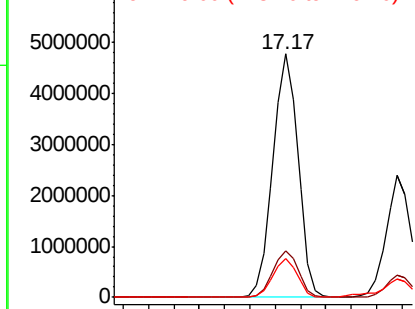
#71
Phenanthrene
Concen: 114.236 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Instrument :
BNA_F
ClientSampleId :

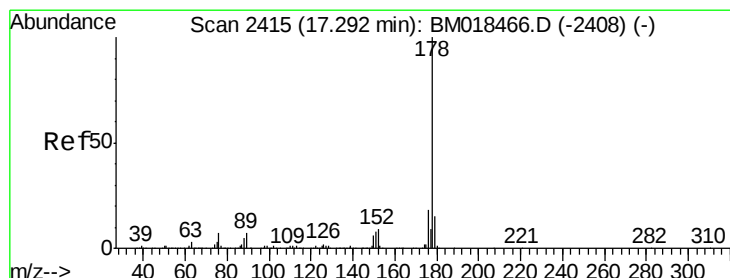
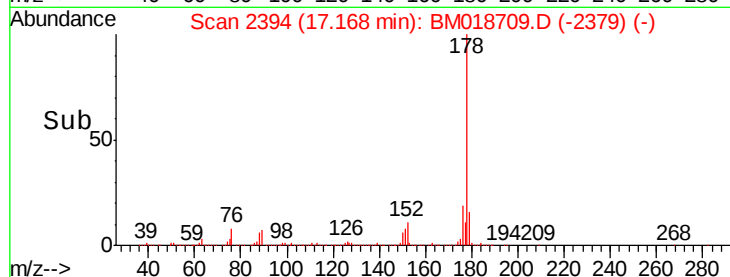
Tot Ion:178 Resp: 6612436
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.7 12.2 18.4



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

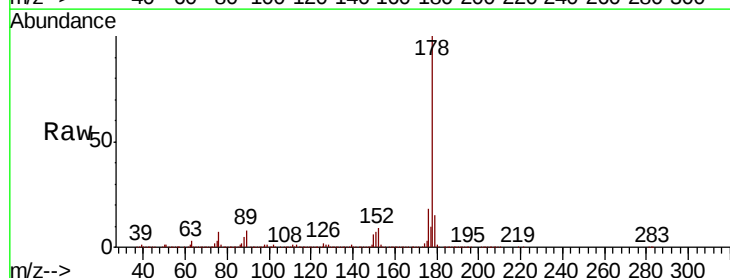


Time-->

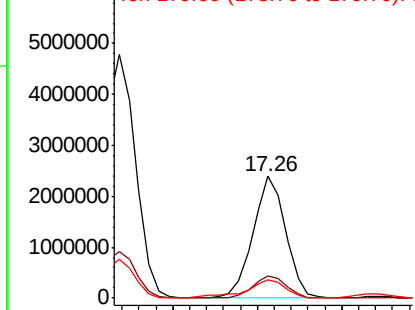


#72
Anthracene
Concen: 57.521 ng
RT: 17.26 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

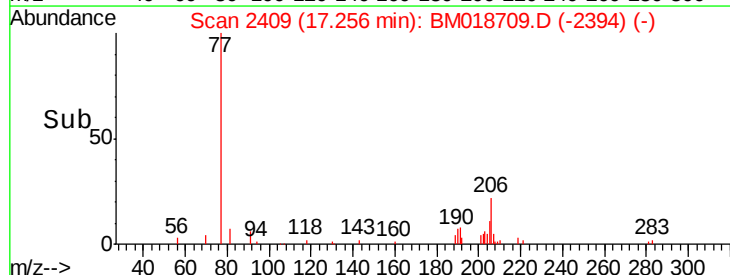
Tgt Ion:178 Resp: 3201729
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.3 12.2 18.4

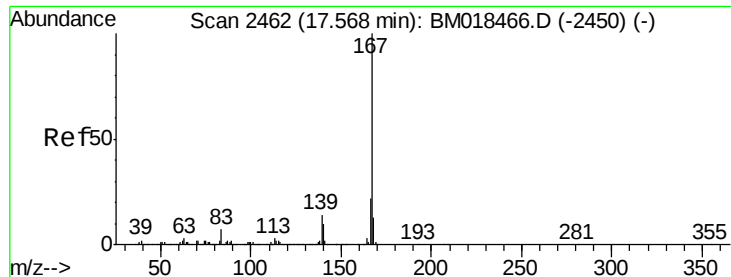


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->

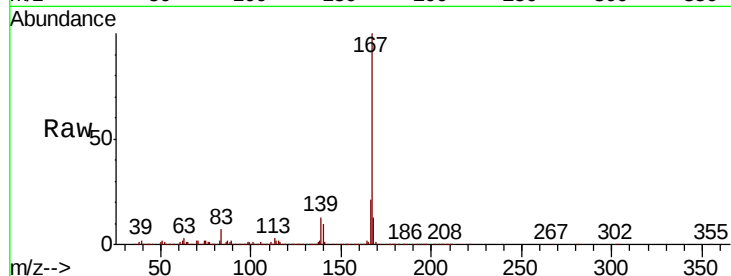




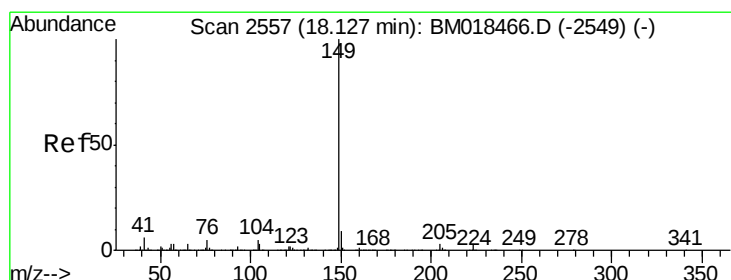
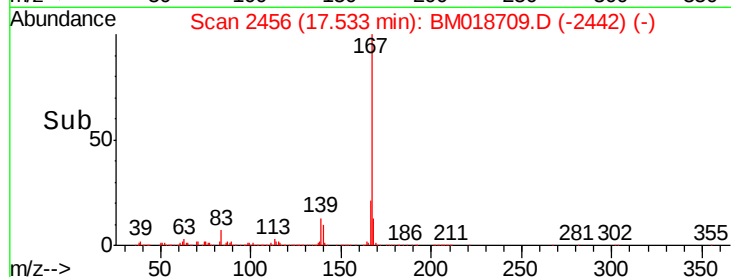
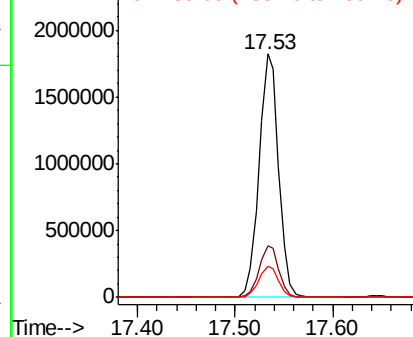
#73
 Carbazole
 Concen: 45.069 ng
 RT: 17.53 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BM018709.D
 Acq: 01 Feb 2019 16:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 2577318
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 13.0 10.6 16.0

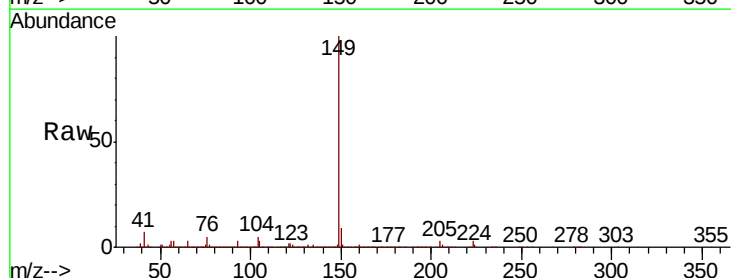


Abundance Ion 167.00 (166.70 to 167.70): E
 2500000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

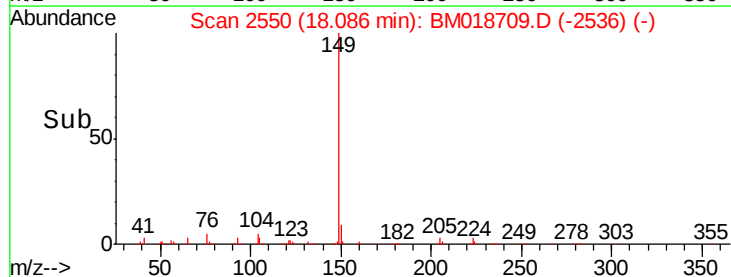
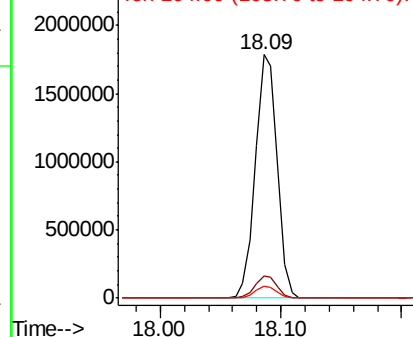


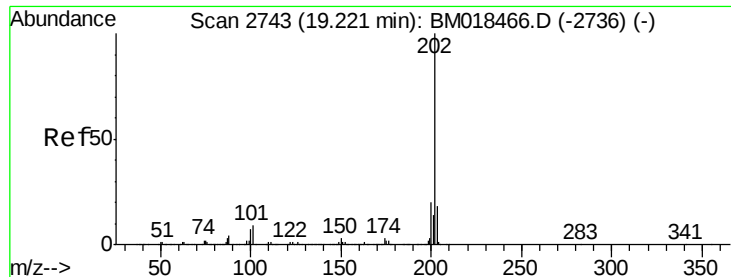
#74
 Di-n-butylphthalate
 Concen: 35.901 ng
 RT: 18.09 min Scan# 2550
 Delta R.T. -0.02 min
 Lab File: BM018709.D
 Acq: 01 Feb 2019 16:53

Tgt Ion:149 Resp: 2248832
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.0 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 2500000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 117.600 ng

RT: 19.19 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Instrument :

BNA_F

ClientSampleId :

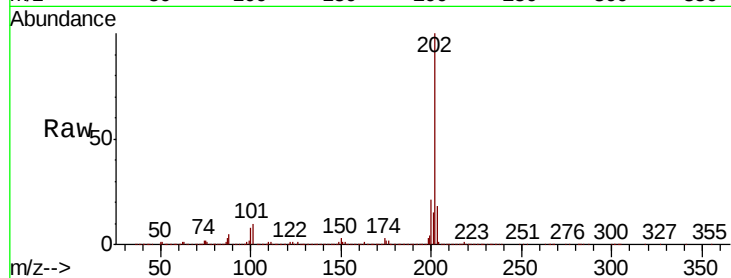
Tot Ion:202 Resp: 7848154

Ion Ratio Lower Upper

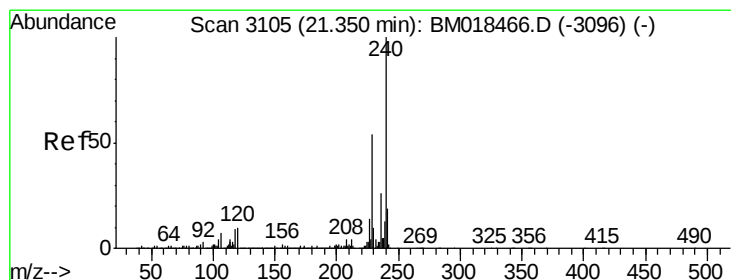
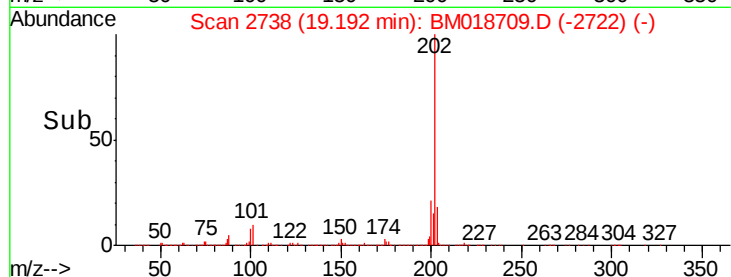
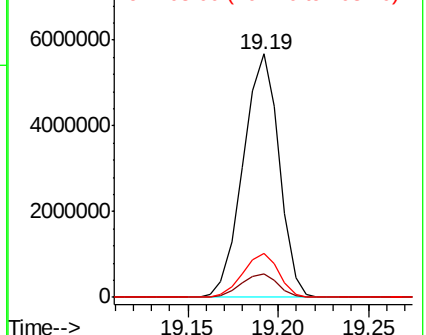
202 100

101 9.7 0.0 30.9

203 17.9 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: BM018709.D

Acq: 01 Feb 2019 16:53

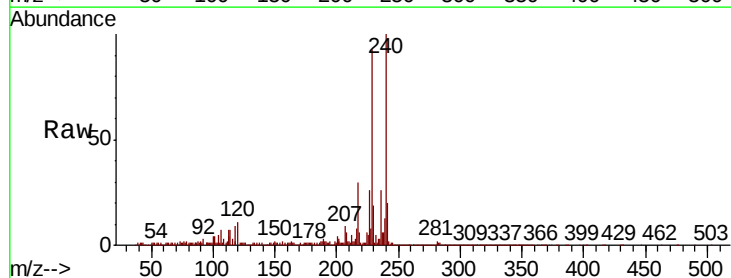
Tgt Ion:240 Resp: 1137445

Ion Ratio Lower Upper

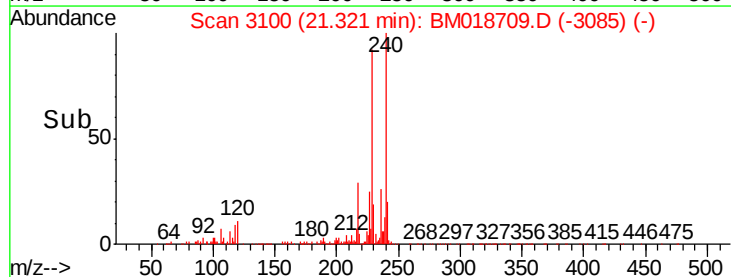
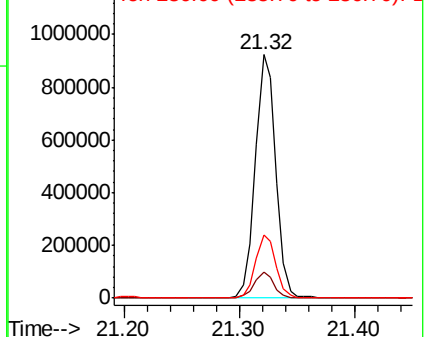
240 100

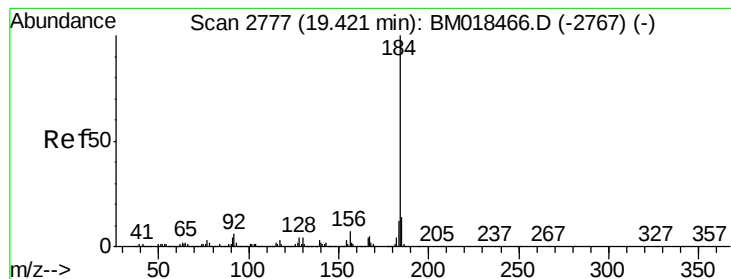
120 10.7 8.4 12.6

236 25.8 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





#77

Benzidine

Concen: 1.582 ng

RT: 19.39 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Instrument :

BNA_F

ClientSampleId :

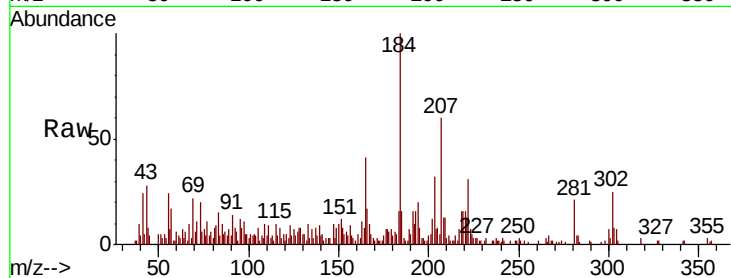
Tot Ion:184 Resp: 44432

Ion Ratio Lower Upper

184 100

185 15.8 11.4 17.0

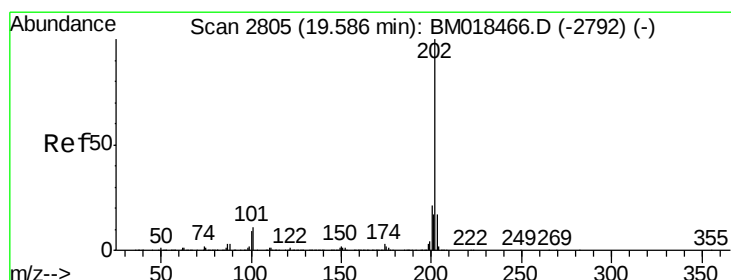
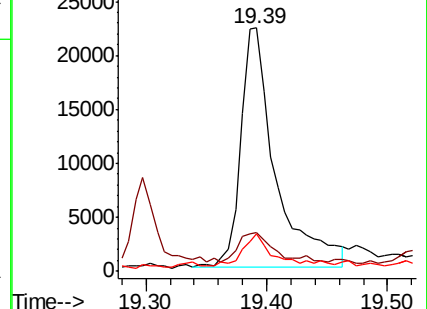
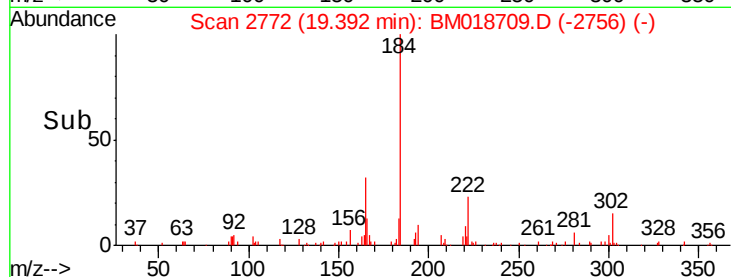
183 15.6 9.5 14.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 99.502 ng

RT: 19.56 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

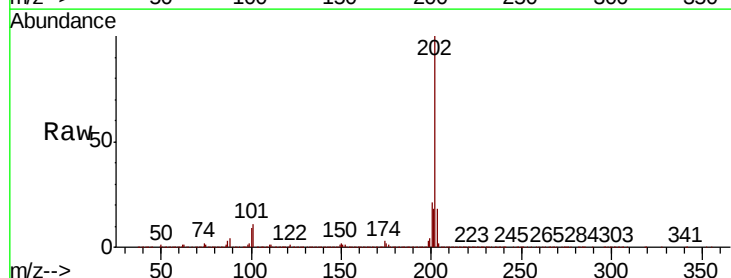
Tgt Ion:202 Resp: 6708631

Ion Ratio Lower Upper

202 100

200 21.3 16.6 24.8

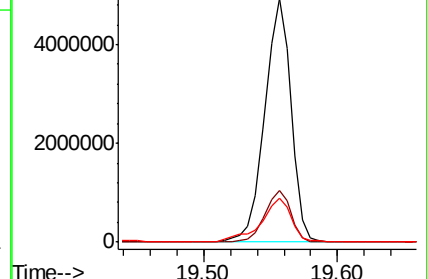
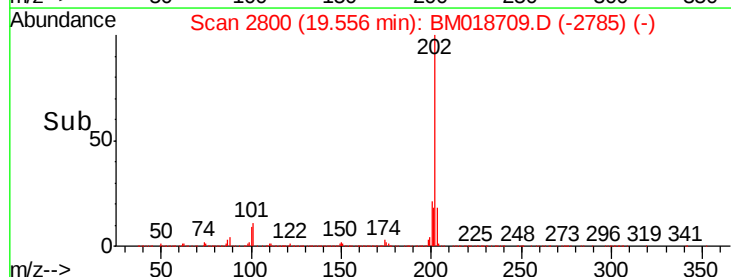
203 18.0 13.8 20.8

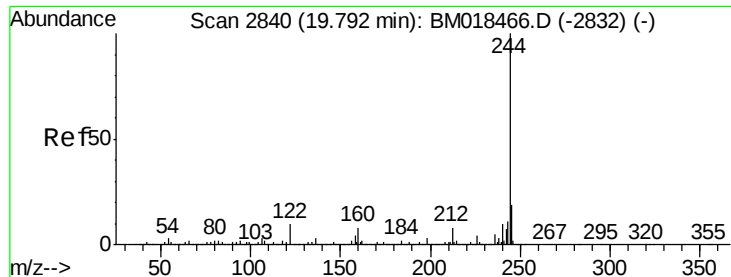


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.229 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Instrument :

BNA_F

ClientSampleId :

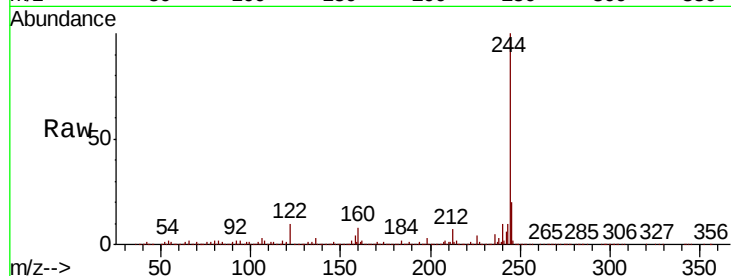
Tot Ion:244 Resp: 3357726

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

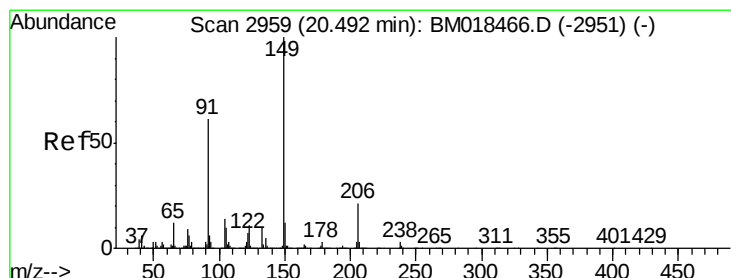
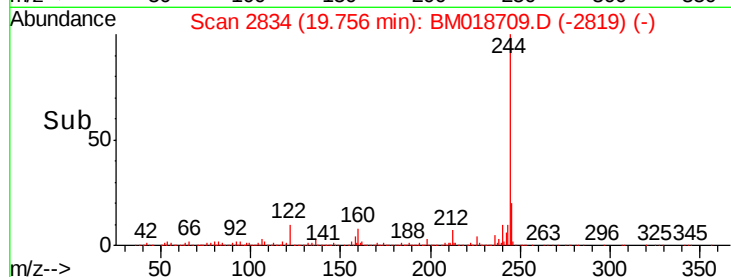
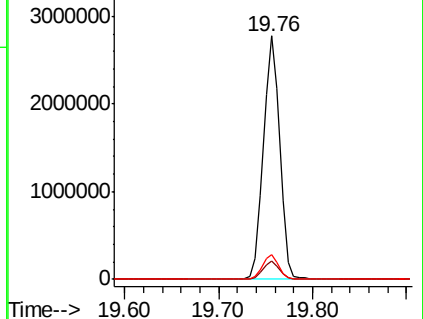
122 10.1 9.0 13.4



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: 36.280 ng

RT: 20.46 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

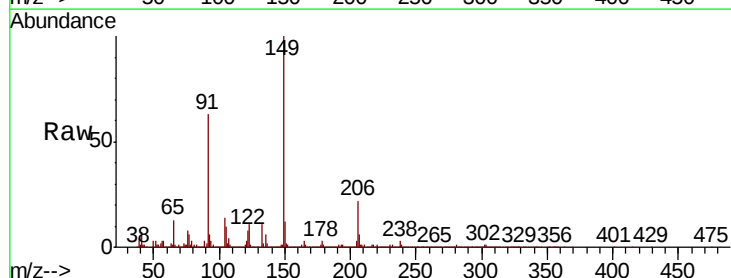
Tgt Ion:149 Resp: 1043772

Ion Ratio Lower Upper

149 100

91 62.8 53.1 79.7

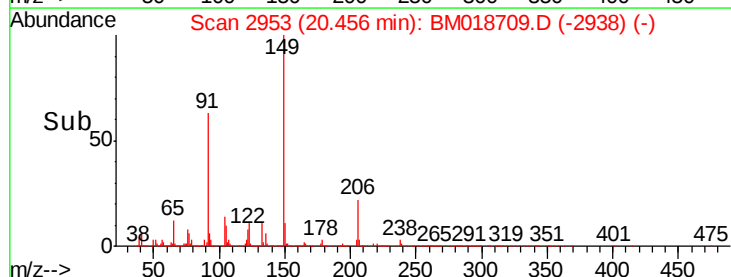
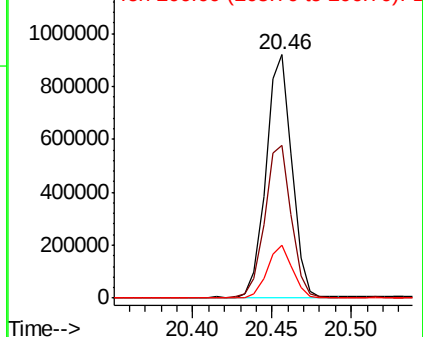
206 21.9 16.2 24.4

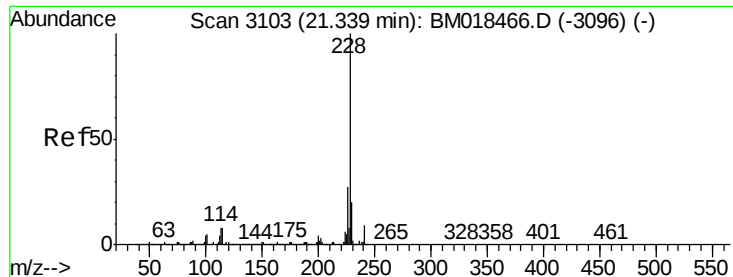


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 71.879 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

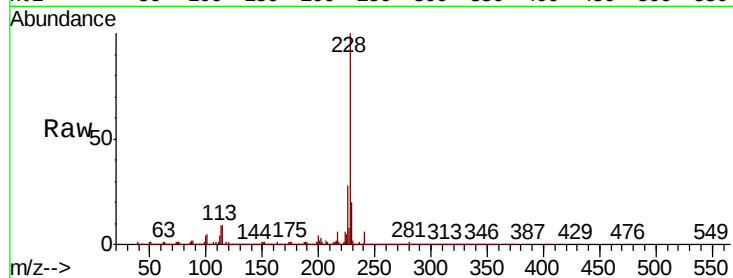
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 4816528

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.6
229	20.2	15.8	23.8

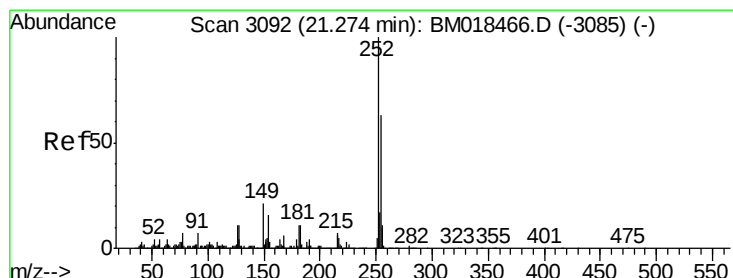
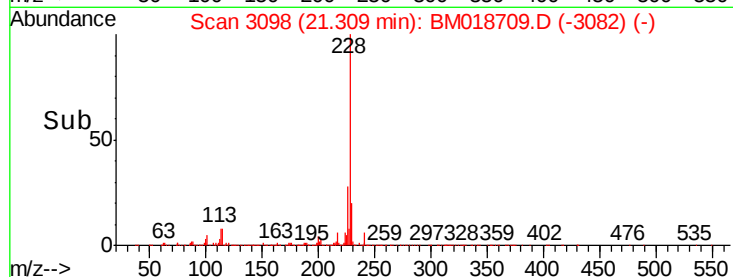
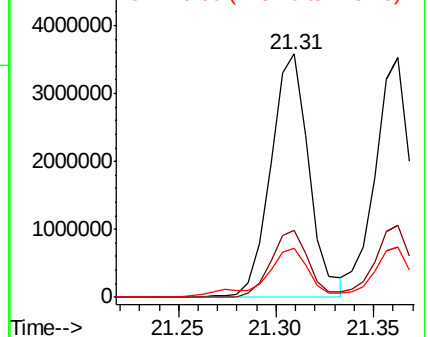


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.029 ng

RT: 21.24 min Scan# 3087

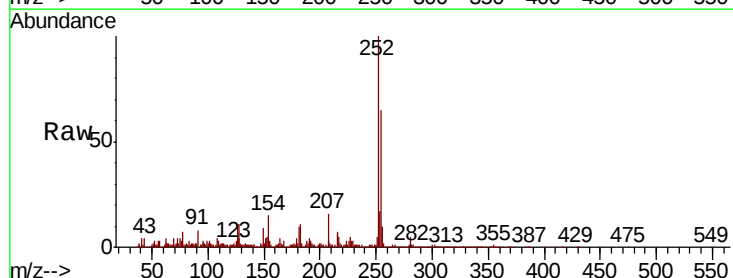
Delta R.T. -0.01 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Tgt Ion:252 Resp: 532856

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.0
126	11.1	8.7	13.1

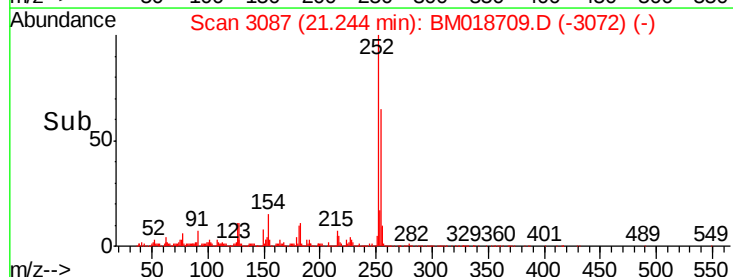
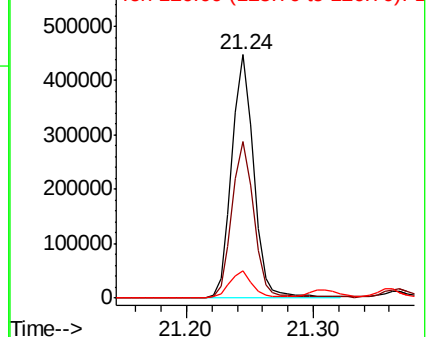


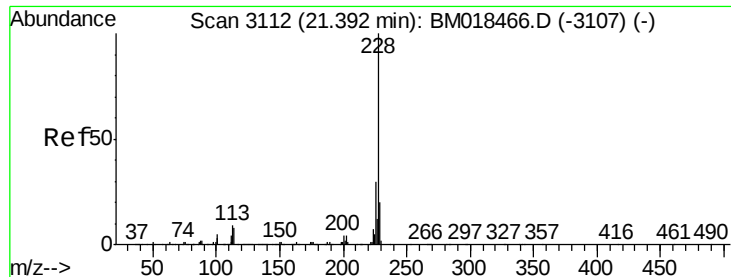
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

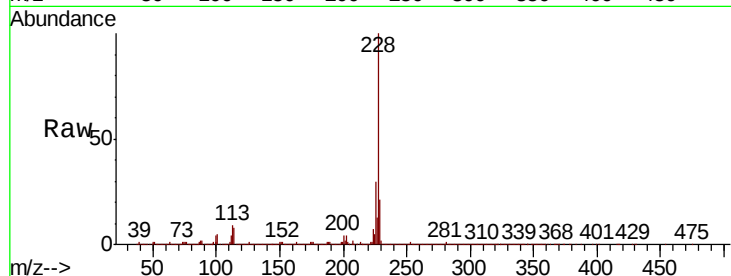




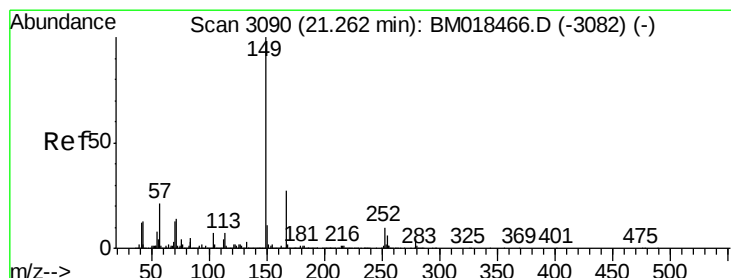
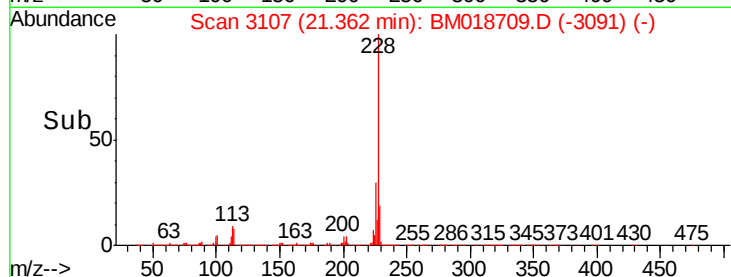
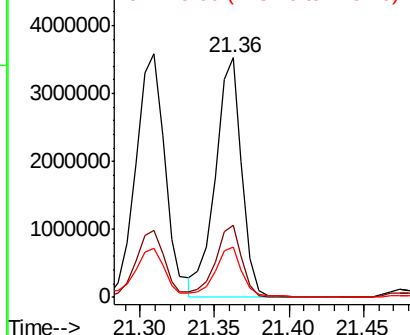
#83
 Chrvsene
 Concen: 67.029 ng
 RT: 21.36 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BM018709.D
 Acq: 01 Feb 2019 16:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 4337222
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.2
 229 21.1 15.6 23.4

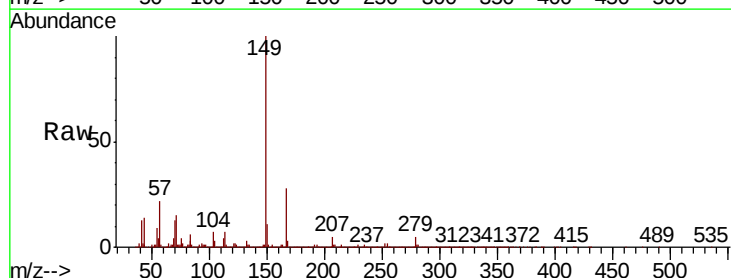


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

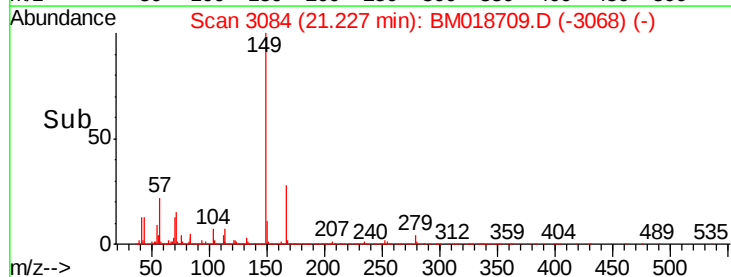
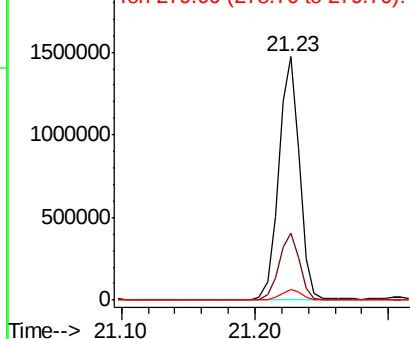


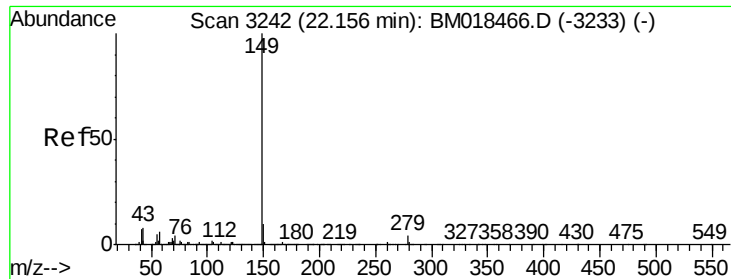
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.263 ng
 RT: 21.23 min Scan# 3084
 Delta R.T. -0.01 min
 Lab File: BM018709.D
 Acq: 01 Feb 2019 16:53

Tgt Ion:149 Resp: 1589571
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.6 32.4
 279 4.5 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: 37.886 ng

RT: 22.12 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Instrument :

BNA_F

ClientSampled :

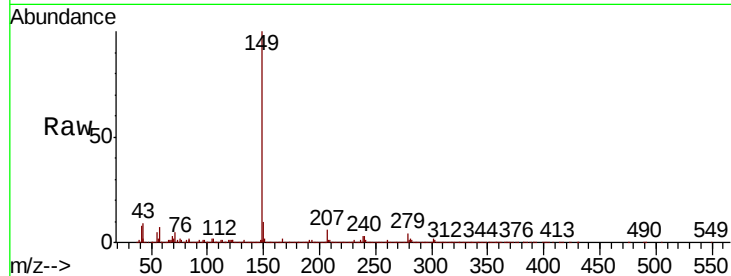
Tot Ion:149 Resp: 2647187

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

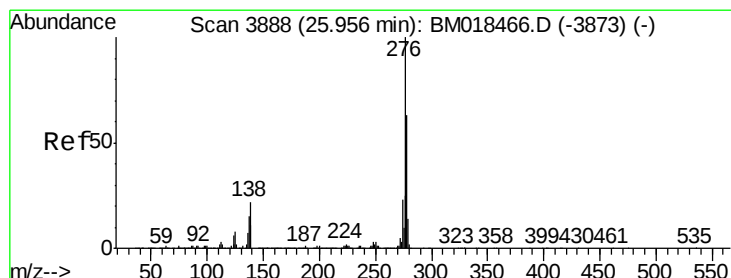
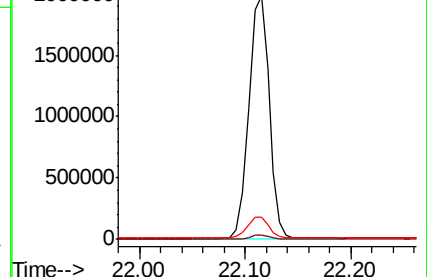
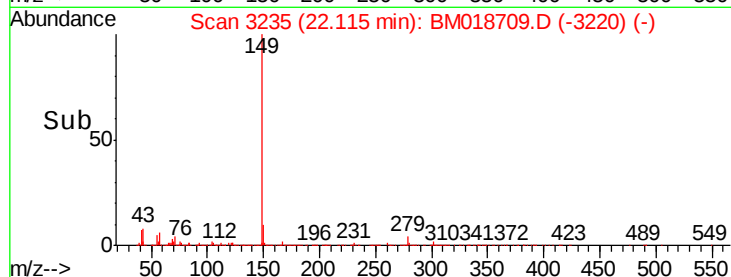
43 8.8 8.6 12.8



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: 48.752 ng

RT: 25.89 min Scan# 3877

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

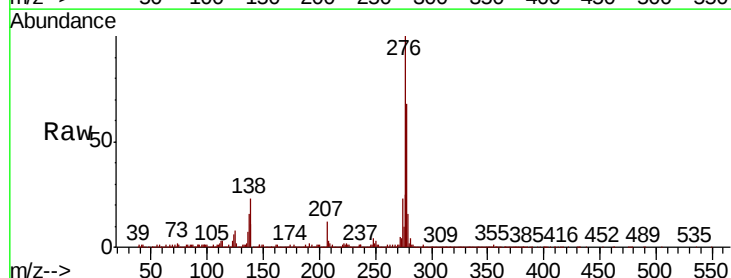
Tgt Ion:276 Resp: 3637581

Ion Ratio Lower Upper

276 100

138 23.0 21.5 32.3

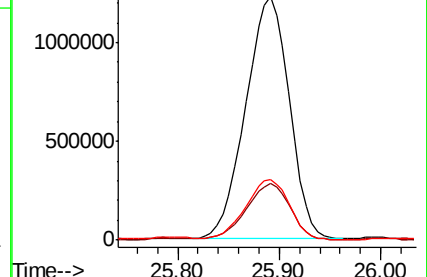
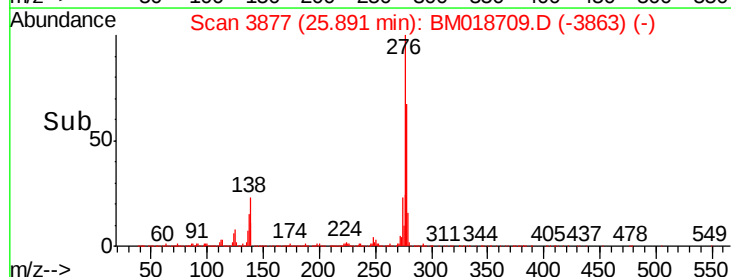
277 25.1 20.2 30.2

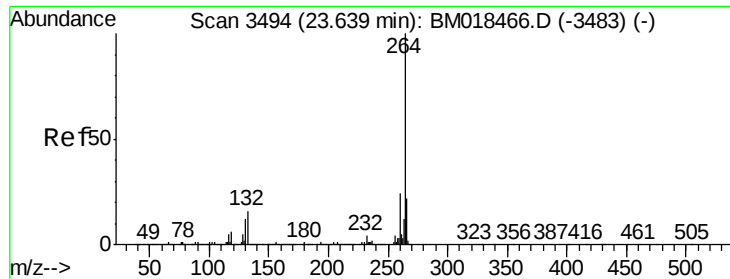


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



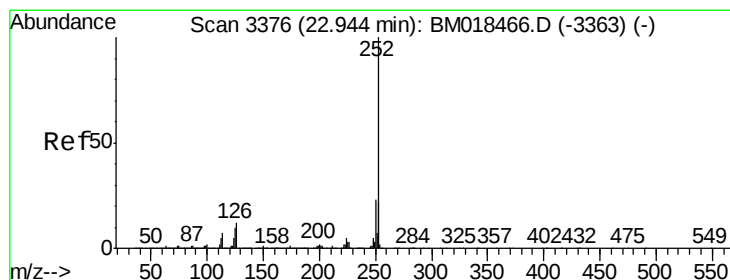
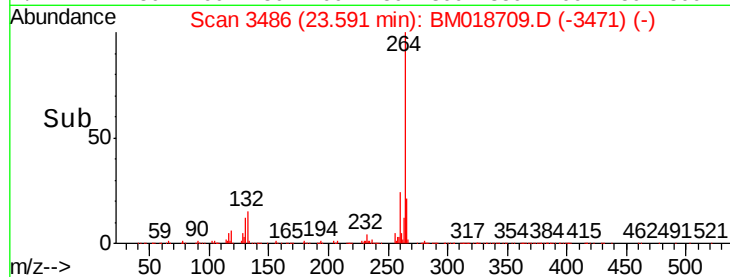
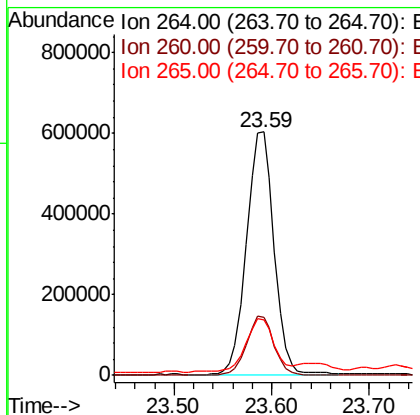
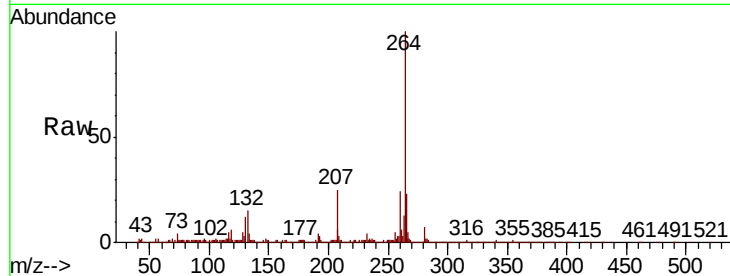


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.59 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1189725

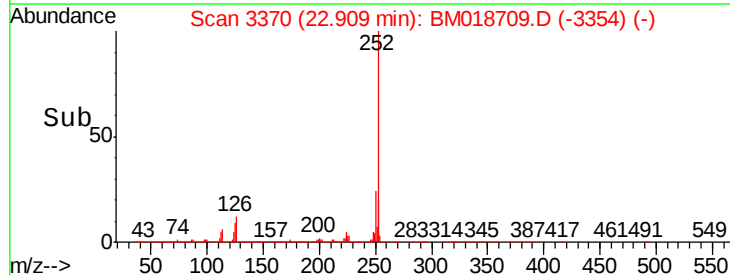
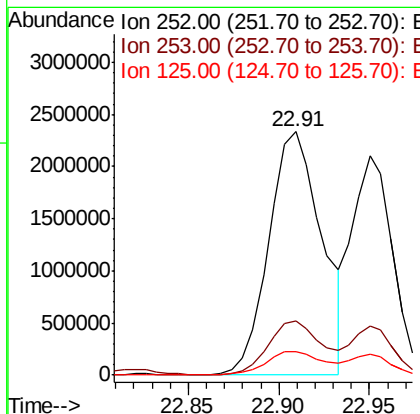
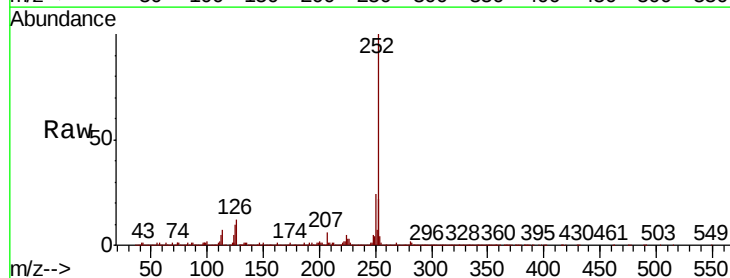
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.6	16.8	25.2

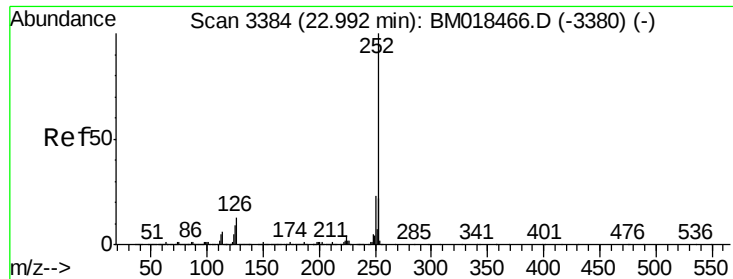


#88
Benzo(b)fluoranthene
Concen: 70.375 ng
RT: 22.91 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Tgt Ion:252 Resp: 4753342

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.7	8.5	12.7

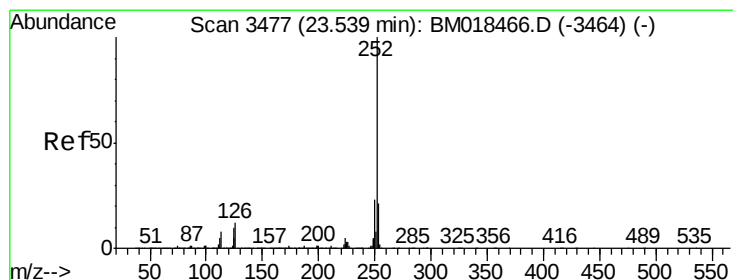
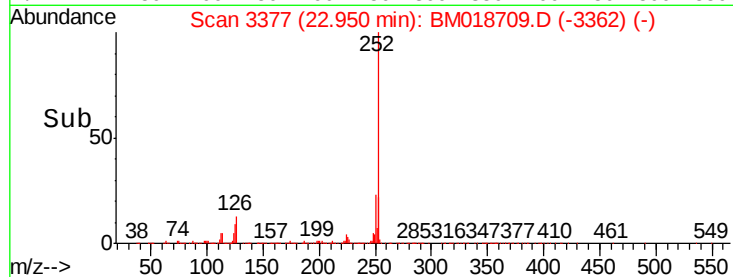
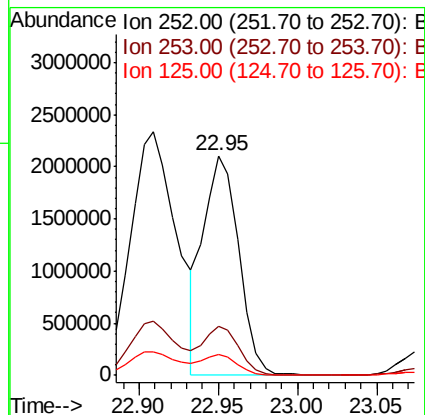
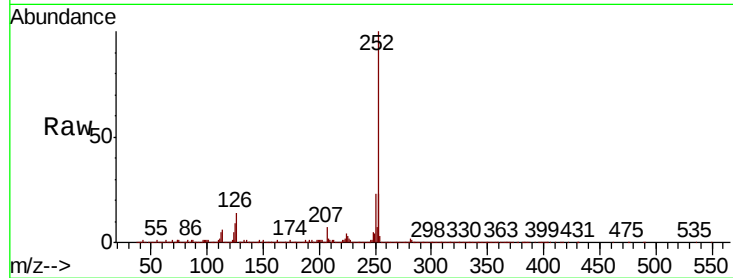




#89
Benzo(k)fluoranthene
Concen: 47.465 ng
RT: 22.95 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

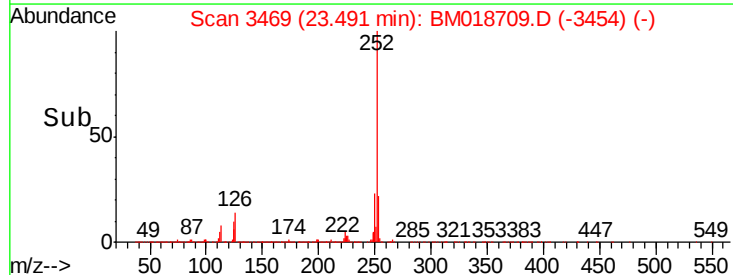
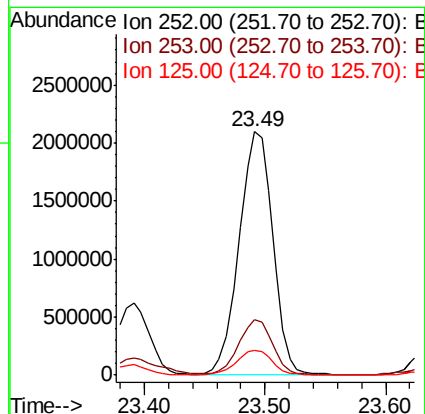
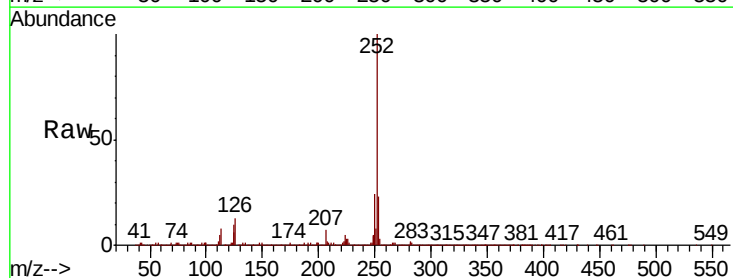
Instrument :
BNA_F
ClientSampleId :

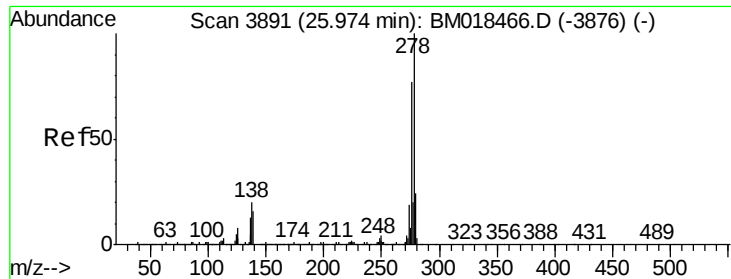
Tot Ion:252 Resp: 3230898
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 9.4 8.6 12.8



#90
Benzo(a)pyrene
Concen: 62.712 ng
RT: 23.49 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018709.D
Acq: 01 Feb 2019 16:53

Tgt Ion:252 Resp: 4055143
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 10.4 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 37.278 ng

RT: 25.90 min Scan# 3879

Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

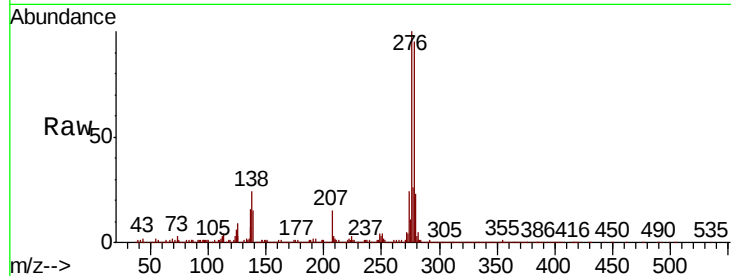
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 2442451

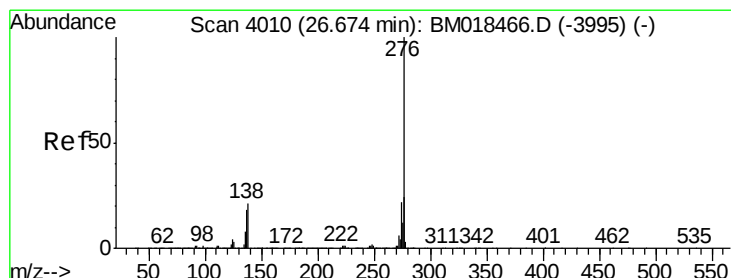
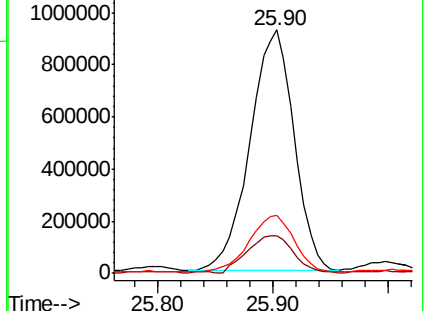
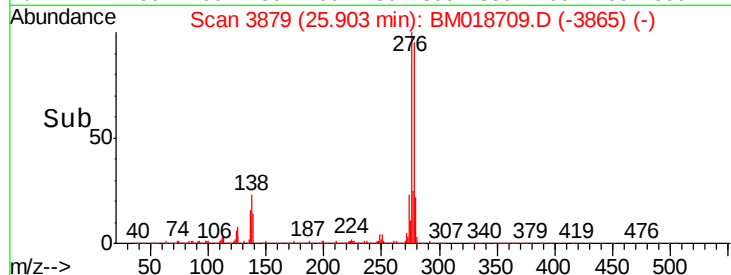
Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.2	19.8
279	24.0	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.651 ng

RT: 26.60 min Scan# 3997

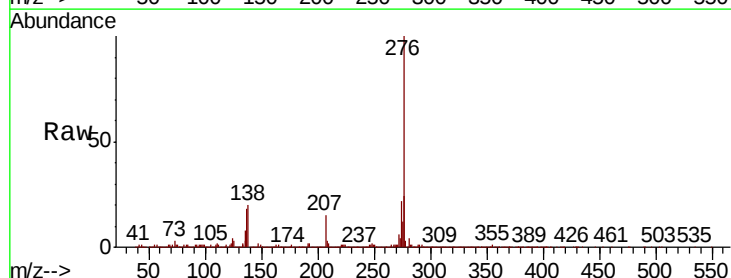
Delta R.T. -0.02 min

Lab File: BM018709.D

Acq: 01 Feb 2019 16:53

Tgt Ion:276 Resp: 3101941

Ion	Ratio	Lower	Upper
276	100		
277	23.8	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

