

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
 Data File : BM017409.D
 Acq On : 29 Oct 2018 15:52
 Operator : MJ/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 30 02:36:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	226621	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	1056080	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	651148	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1560483	20.00	ng	0.00
76) Chrysene-d12	21.24	240	1871031	20.00	ng	0.00
87) Perylene-d12	23.45	264	1657173	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1068043	79.71	ng	0.00
7) Phenol-d6	6.83	99	1547275	84.79	ng	0.00
23) Nitrobenzene-d5	8.80	82	1530640	84.77	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	802506	91.13	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	3785191	77.35	ng	0.00
79) Terphenyl-d14	19.69	244	6683190	80.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	234499	34.273	ng	89
3) Pyridine	3.63	79	617377	39.216	ng	88
4) n-Nitrosodimethylamine	3.55	42	234721	37.140	ng	# 75
6) Aniline	6.99	93	949237	41.587	ng	97
8) 2-Chlorophenol	7.22	128	657818	42.437	ng	100
9) Benzaldehyde	6.81	77	429351	36.900	ng	96
10) Phenol	6.86	94	812348	41.362	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	628775	40.161	ng	99
12) 1,3-Dichlorobenzene	7.54	146	709034	39.238	ng	97
13) 1,4-Dichlorobenzene	7.69	146	729474	39.513	ng	97
14) 1,2-Dichlorobenzene	8.00	146	709999	39.916	ng	99
15) Benzyl Alcohol	7.89	79	609247	45.675	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.18	45	819342	37.459	ng	99
17) 2-Methylphenol	8.09	107	549575	43.596	ng	99
18) Hexachloroethane	8.71	117	251910	39.872	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	528386	43.974	ng	97
20) 3+4-Methylphenols	8.42	107	774802	44.938	ng	99
22) Acetophenone	8.47	105	1036227	38.708	ng	# 99
24) Nitrobenzene	8.85	77	770575	40.344	ng	95
25) Isophorone	9.37	82	1243807	41.714	ng	98
26) 2-Nitrophenol	9.55	139	398888	45.024	ng	97
27) 2,4-Dimethylphenol	9.62	122	561036	42.552	ng	99
28) bis(2-Chloroethoxy)methane	9.85	93	839206	39.987	ng	99
29) 2,4-Dichlorophenol	10.08	162	668677	43.681	ng	99
30) 1,2,4-Trichlorobenzene	10.29	180	727532	39.617	ng	98
31) Naphthalene	10.47	128	2035968	39.339	ng	99
32) Benzoic acid	9.77	122	508661	51.706	ng	94
33) 4-Chloroaniline	10.59	127	938581	41.991	ng	98
34) Hexachlorobutadiene	10.75	225	440215	37.833	ng	99
35) Caprolactam	11.40	113	264216	47.359	ng	88
36) 4-Chloro-3-methylphenol	11.72	107	766589	44.425	ng	98
37) 2-Methylnaphthalene	12.09	142	1479764	41.783	ng	99
38) 1-Methylnaphthalene	12.31	142	1448407	42.020	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	883371	38.523	ng	100

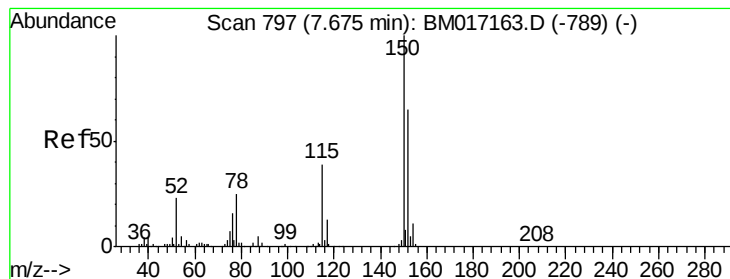
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
 Data File : BM017409.D
 Acq On : 29 Oct 2018 15:52
 Operator : MJ/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 30 02:36:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	381027	34.371	ng	98
43) 2,4,6-Trichlorophenol	12.72	196	583146	43.807	ng	100
44) 2,4,5-Trichlorophenol	12.79	196	615349	43.108	ng	99
46) 1,1'-Biphenyl	13.12	154	2264439	38.645	ng	100
47) 2-Chloronaphthalene	13.16	162	1698349	39.398	ng	98
48) 2-Nitroaniline	13.37	65	525425	43.719	ng	94
49) Acenaphthylene	14.01	152	2594380	41.520	ng	99
50) Dimethylphthalate	13.76	163	2058771	40.982	ng	99
51) 2,6-Dinitrotoluene	13.88	165	482049	43.597	ng	99
52) Acenaphthene	14.36	154	1579298	40.255	ng	97
53) 3-Nitroaniline	14.22	138	535899	44.751	ng	98
54) 2,4-Dinitrophenol	14.42	184	268530	45.367	ng	96
55) Dibenzofuran	14.69	168	2580805	39.557	ng	99
56) 4-Nitrophenol	14.53	139	426860	41.522	ng	98
57) 2,4-Dinitrotoluene	14.67	165	680714	45.806	ng	# 98
58) Fluorene	15.34	166	1983517	41.074	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	582944	44.802	ng	99
60) Diethylphthalate	15.13	149	2130353	42.761	ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	1115829	40.531	ng	98
62) 4-Nitroaniline	15.39	138	585779	44.245	ng	98
63) Azobenzene	15.64	77	1984612	40.984	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	442270	44.699	ng	97
66) n-Nitrosodiphenylamine	15.56	169	1938164	41.052	ng	100
67) 4-Bromophenyl-phenylether	16.24	248	714654	41.709	ng	97
68) Hexachlorobenzene	16.34	284	804450	40.418	ng	98
69) Atrazine	16.53	200	705086	41.727	ng	98
70) Pentachlorophenol	16.70	266	597543	43.827	ng	99
71) Phenanthrene	17.09	178	3331875	39.574	ng	100
72) Anthracene	17.17	178	3301857	41.274	ng	100
73) Carbazole	17.46	167	3457293	42.307	ng	100
74) Di-n-butylphthalate	18.02	149	3764746	43.679	ng	99
75) Fluoranthene	19.11	202	4034603	42.586	ng	99
77) Benzidine	19.30	184	1847477	38.941	ng	99
78) Pyrene	19.47	202	4282590	40.953	ng	100
80) Butylbenzylphthalate	20.39	149	1829460	46.277	ng	95
81) Benzo(a)anthracene	21.23	228	4280728	40.656	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	1711383	43.611	ng	98
83) Chrysene	21.28	228	4075076	39.102	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2566561	42.801	ng	98
85) Di-n-octyl phthalate	22.04	149	4481661	43.979	ng	99
86) Indeno(1,2,3-cd)pyrene	25.66	276	3463503	29.713	ng	99
88) Benzo(b)fluoranthene	22.79	252	3947273	43.566	ng	100
89) Benzo(k)fluoranthene	22.84	252	3719490	40.912	ng	99
90) Benzo(a)pyrene	23.36	252	3488648	40.554	ng	99
91) Dibenzo(a,h)anthracene	25.67	278	2981371	34.902	ng	99
92) Benzo(g,h,i)perylene	26.33	276	2732093	32.271	ng	99

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

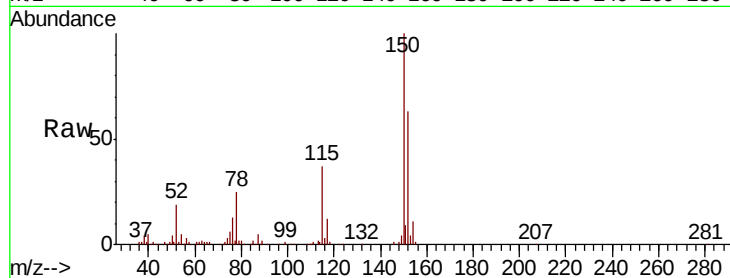


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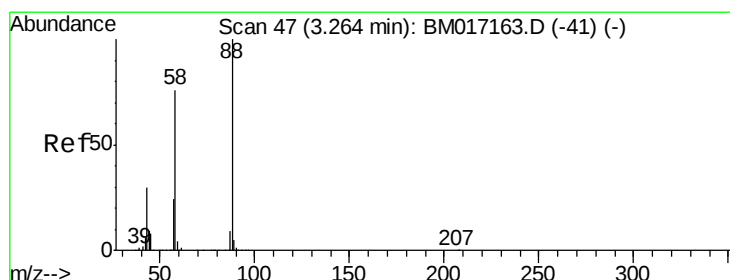
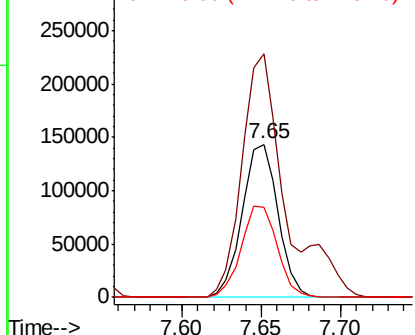
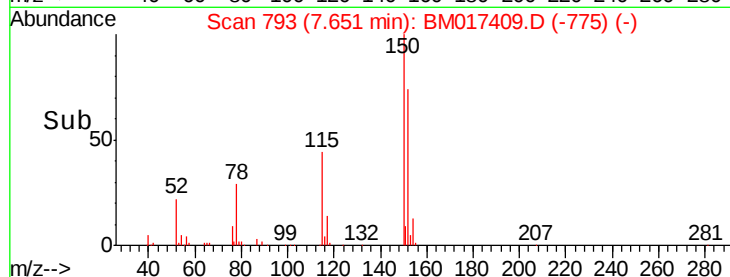
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. 0.01 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 226621
Ion Ratio Lower Upper
152 100
150 159.4 124.3 186.5
115 58.6 48.1 72.1



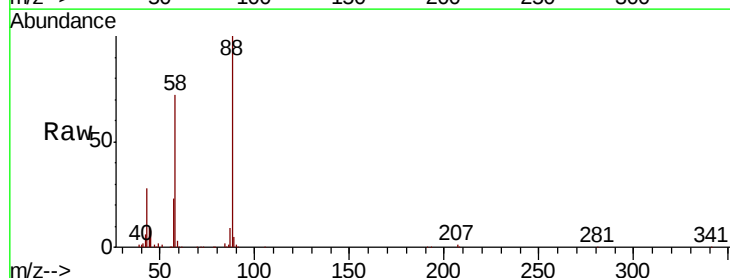
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



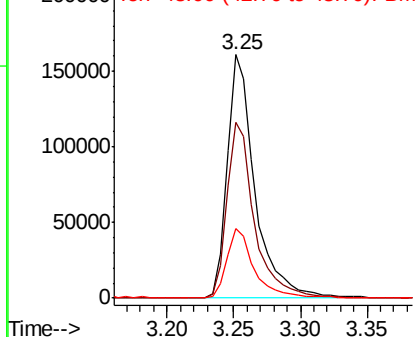
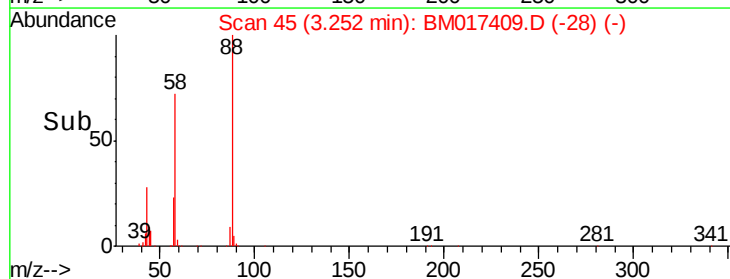
#2

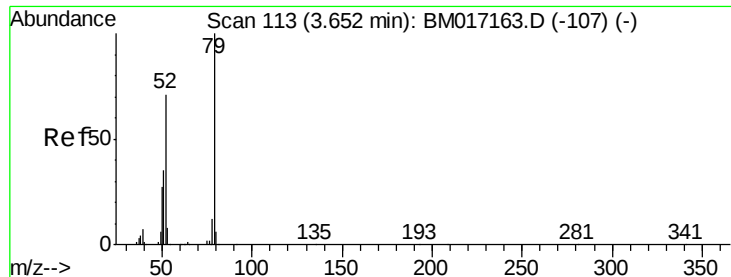
1,4-Dioxane
Concen: 34.273 ng
RT: 3.25 min Scan# 45
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion: 88 Resp: 234499
Ion Ratio Lower Upper
88 100
58 71.7 50.2 75.4
43 28.7 19.3 28.9



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: 39.216 ng

RT: 3.63 min Scan# 110

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Instrument :

BNA_M

ClientSampleId :

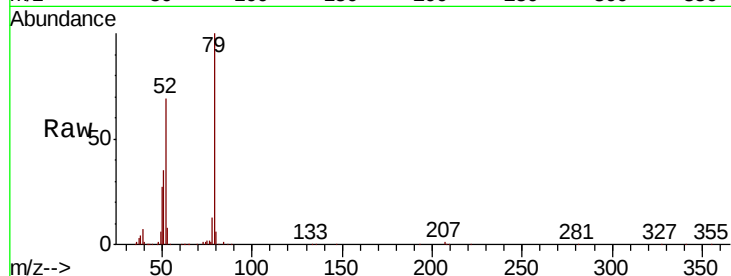
Tot Ion: 79 Resp: 617377

Ion Ratio Lower Upper

79 100

52 69.1 46.5 69.7

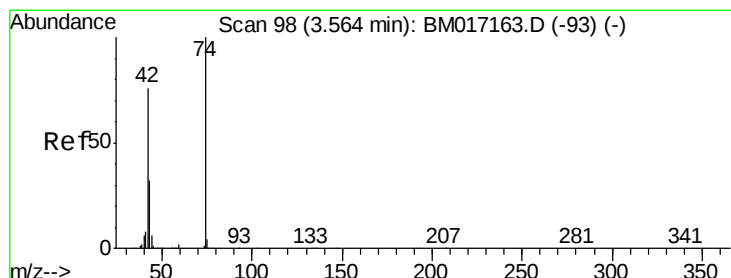
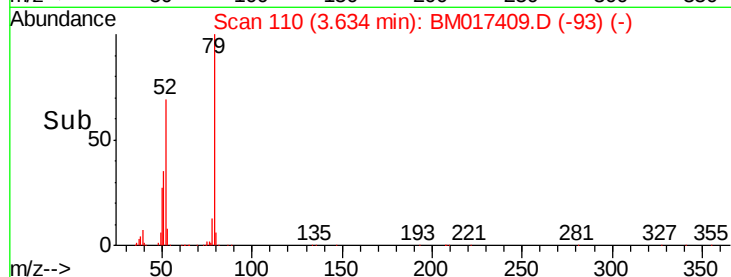
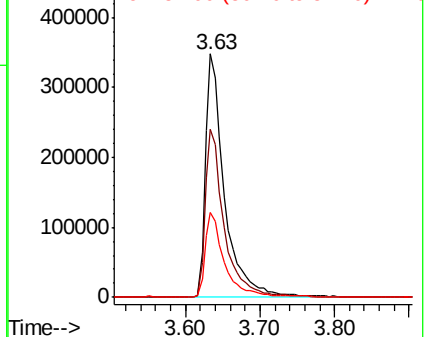
51 35.0 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-107) (-)

Ion 52.00 (51.70 to 52.70): BM017163.D (-107) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-107) (-)



#4

n-Nitrosodimethylamine

Concen: 37.140 ng

RT: 3.55 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

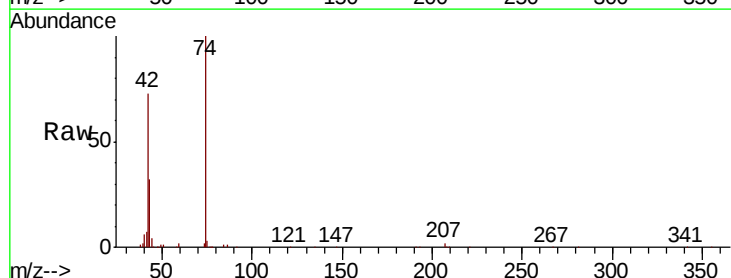
Tgt Ion: 42 Resp: 234721

Ion Ratio Lower Upper

42 100

74 137.2 114.4 171.6

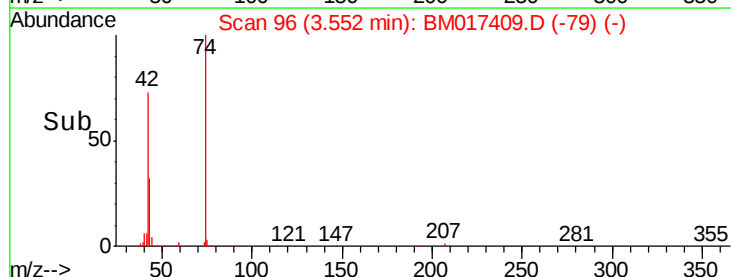
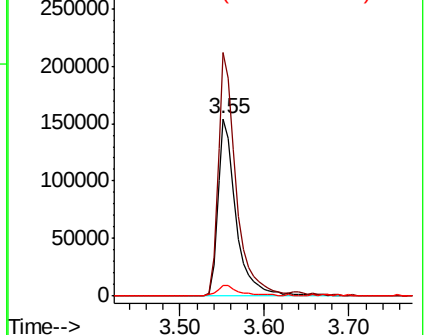
44 5.9 48.6 73.0#

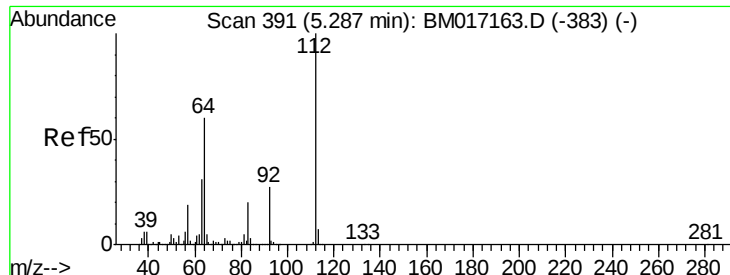


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-93) (-)

Ion 74.00 (73.70 to 74.70): BM017163.D (-93) (-)

Ion 44.00 (43.70 to 44.70): BM017163.D (-93) (-)





#5

2-Fluorophenol

Concen: 79.711 ng

RT: 5.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Instrument :

BNA_M

ClientSampled :

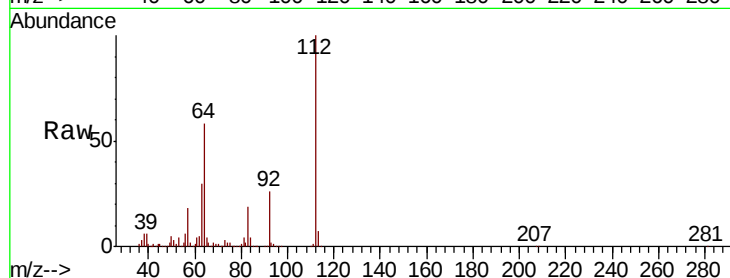
Tot Ion:112 Resp: 1068043

Ion Ratio Lower Upper

112 100

64 57.5 41.7 62.5

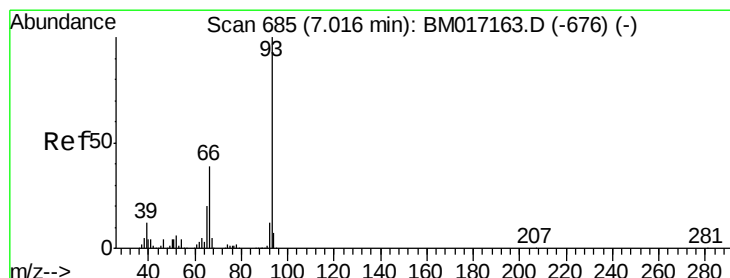
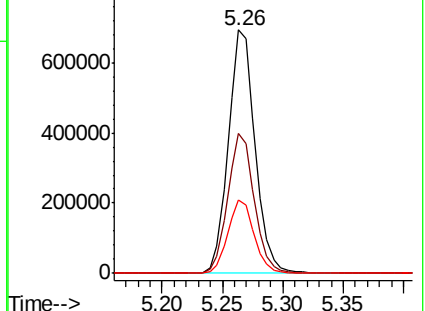
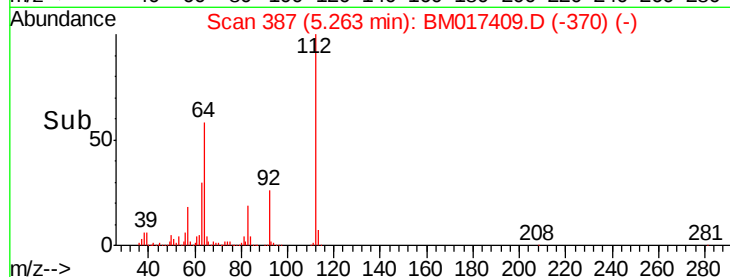
63 30.3 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 41.587 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

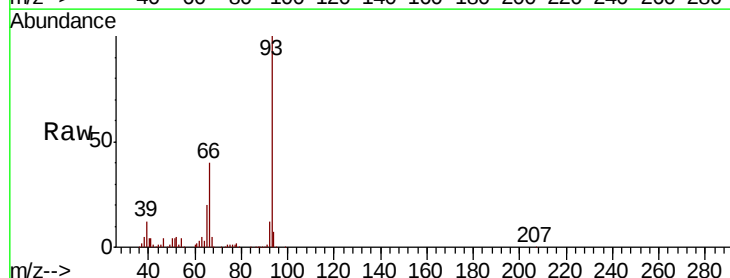
Tgt Ion: 93 Resp: 949237

Ion Ratio Lower Upper

93 100

66 40.0 30.4 45.6

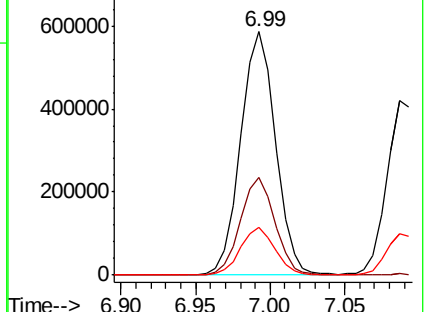
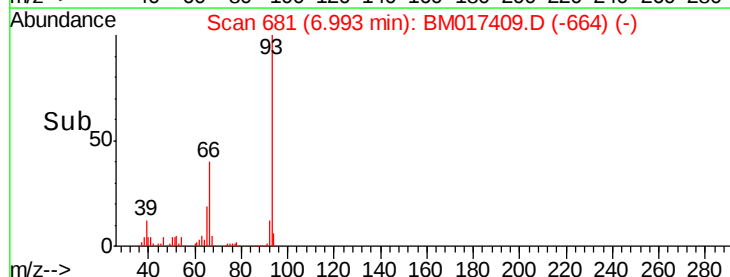
65 19.8 15.3 22.9

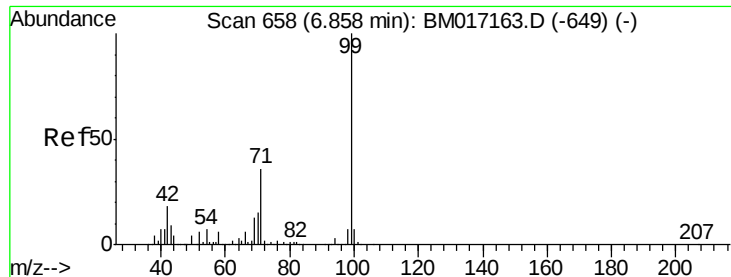


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 84.789 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Instrument :

BNA_M

ClientSampleId :

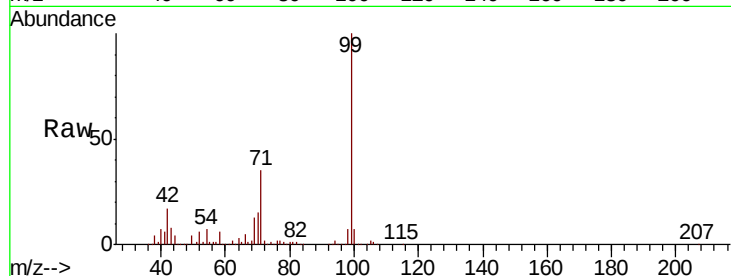
Tot Ion: 99 Resp: 1547275

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

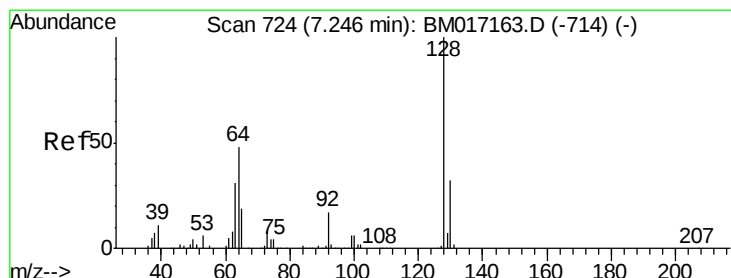
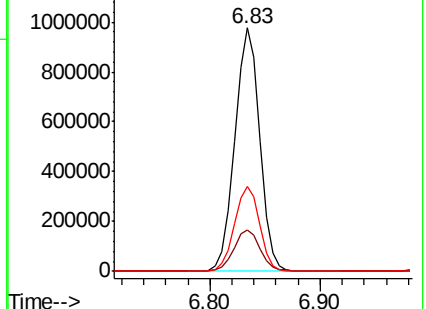
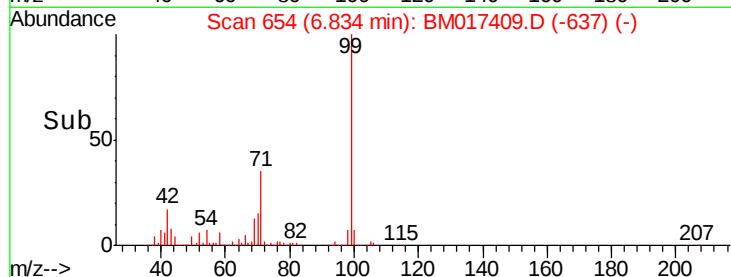
71 35.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-649) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-649) (-)



#8

2-Chlorophenol

Concen: 42.437 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

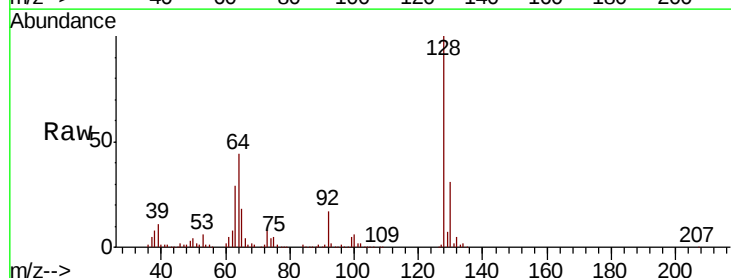
Tgt Ion: 128 Resp: 657818

Ion Ratio Lower Upper

128 100

130 31.5 11.0 51.0

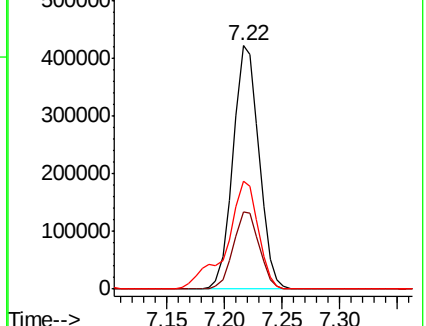
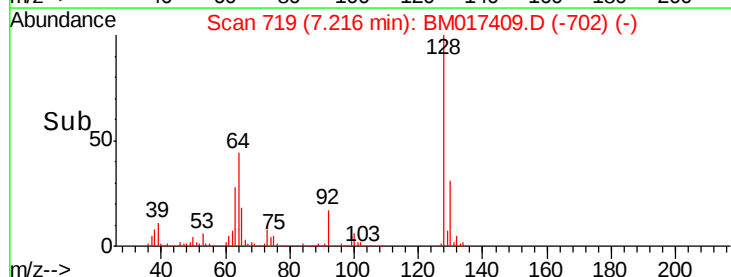
64 44.2 24.1 64.1

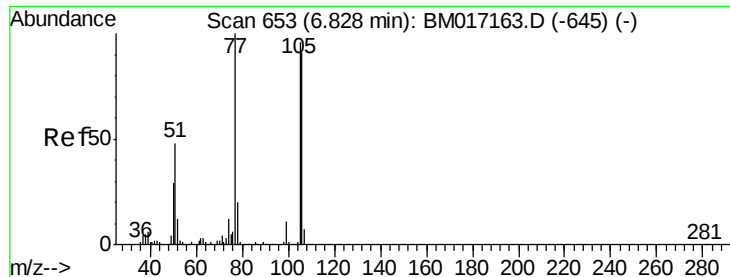


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-714) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-714) (-)

Ion 64.00 (63.70 to 64.70): BM017163.D (-714) (-)





#9

Benzaldehyde

Concen: 36.900 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Instrument :

BNA_M

ClientSampleId :

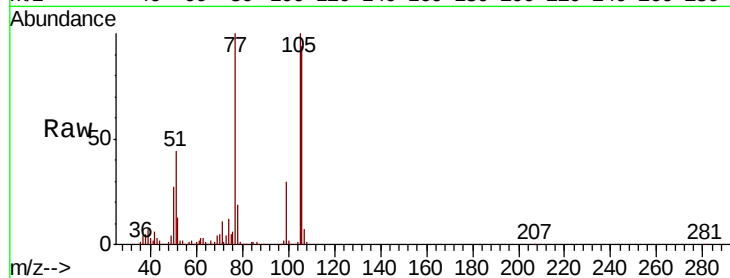
Tot Ion: 77 Resp: 429351

Ion Ratio Lower Upper

77 100

105 100.4 83.9 123.9

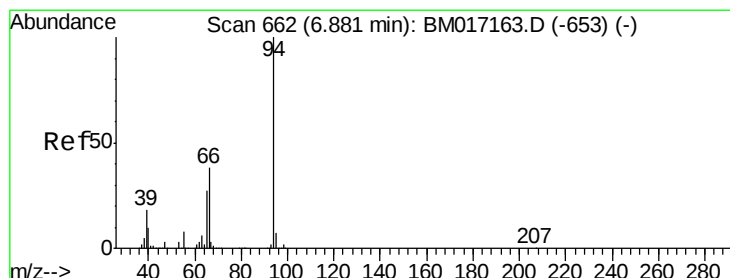
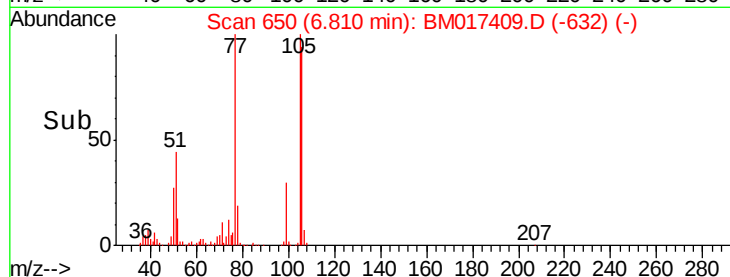
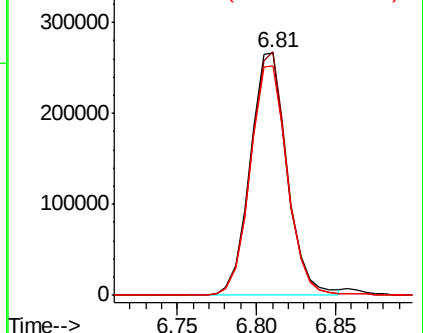
106 94.6 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017409.D (-632) (-)

Ion 105.00 (104.70 to 105.70): BM017409.D (-632) (-)

Ion 106.00 (105.70 to 106.70): BM017409.D (-632) (-)



#10

Phenol

Concen: 41.362 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

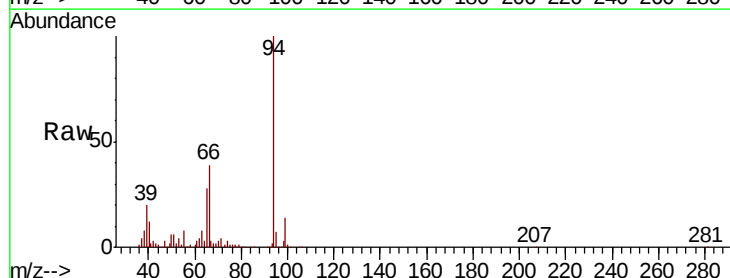
Tgt Ion: 94 Resp: 812348

Ion Ratio Lower Upper

94 100

65 28.0 9.4 49.4

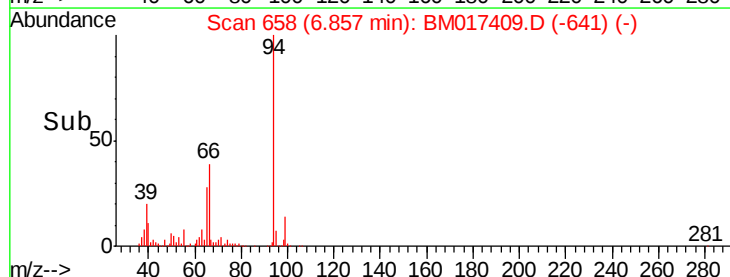
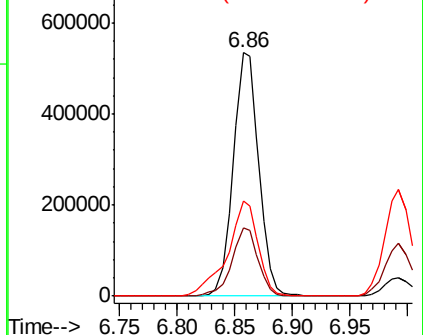
66 39.1 19.0 59.0

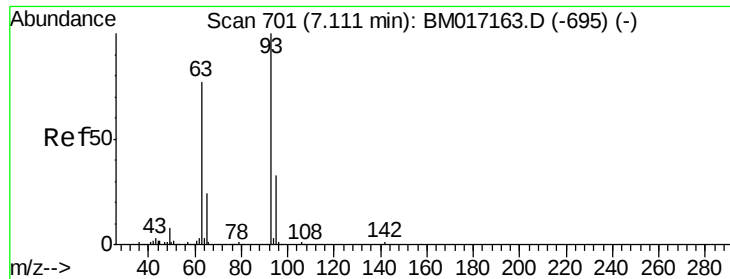


Abundance Ion 94.00 (93.70 to 94.70): BM017409.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM017409.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM017409.D (-641) (-)

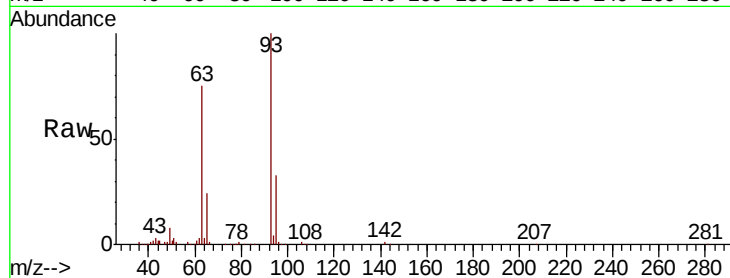




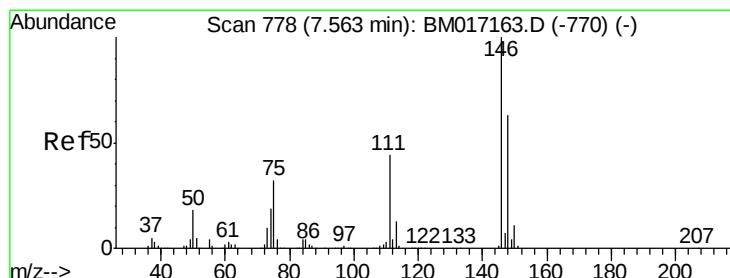
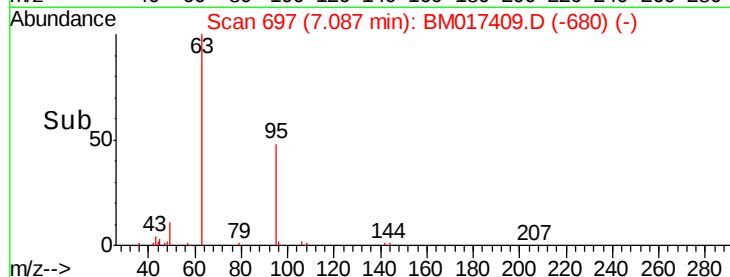
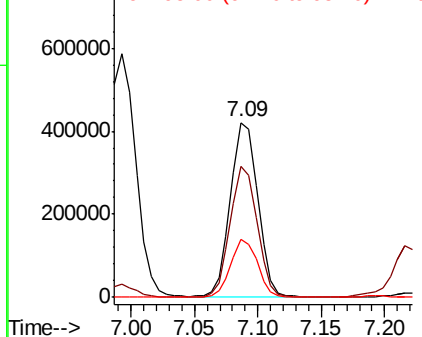
#11
bis(2-Chloroethyl)ether
Concen: 40.161 ng
RT: 7.09 min Scan# 697
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	54.0	94.0
95	33.0	11.8	51.8

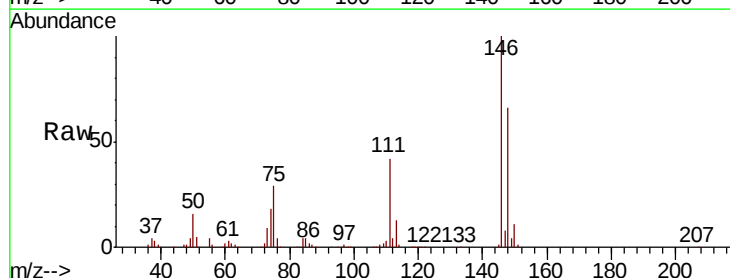


Abundance Ion 93.00 (92.70 to 93.70): BM017163.D (-695) (-)

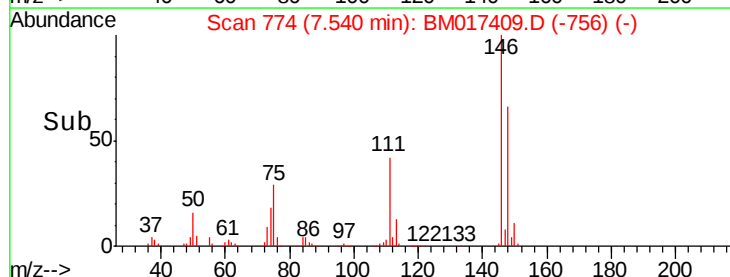
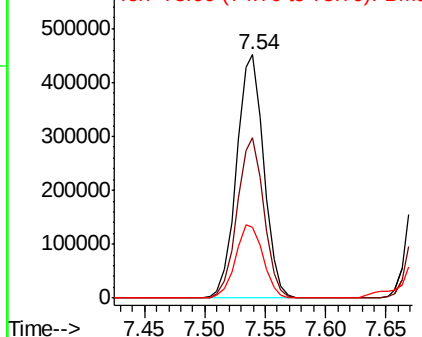


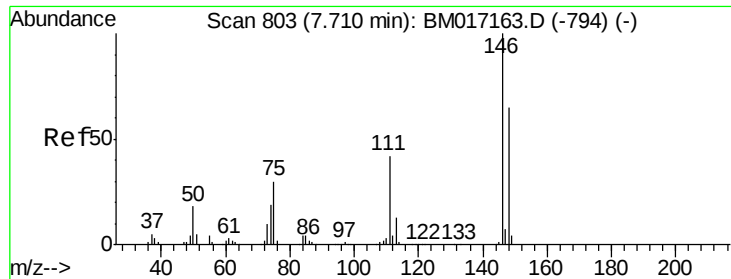
#12
1,3-Dichlorobenzene
Concen: 39.238 ng
RT: 7.54 min Scan# 774
Delta R.T. 0.01 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.2	75.4
75	29.3	23.3	34.9



Abundance Ion 146.00 (145.70 to 146.70): BM017163.D (-770) (-)

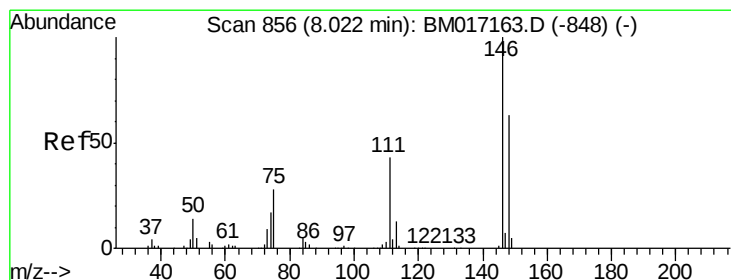
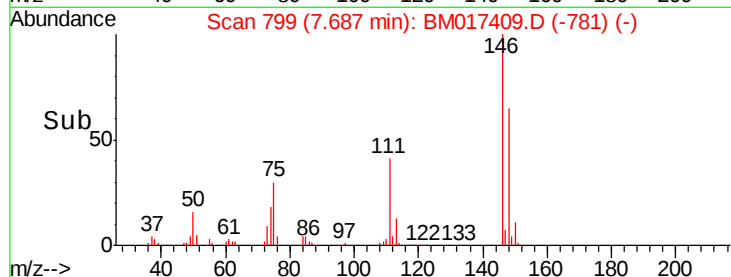
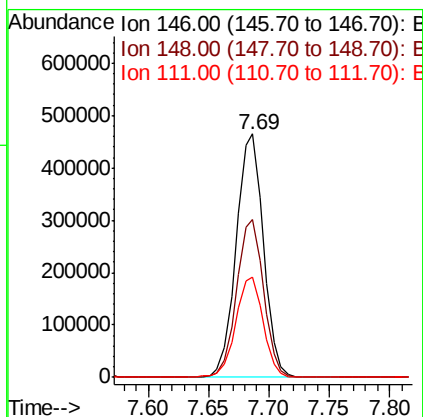
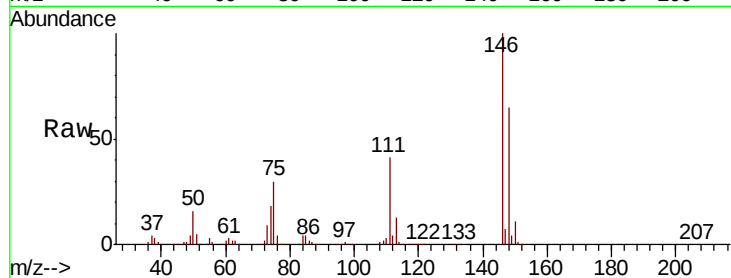




#13
 1,4-Dichlorobenzene
 Concen: 39.513 ng
 RT: 7.69 min Scan# 799
 Delta R.T. 0.01 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

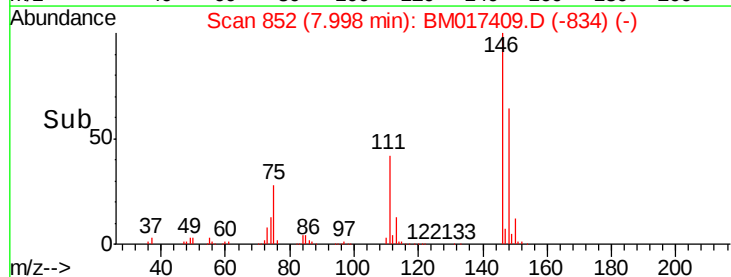
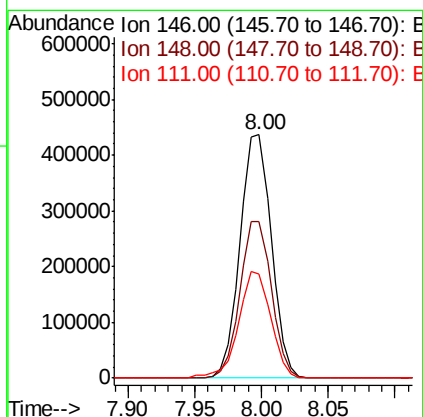
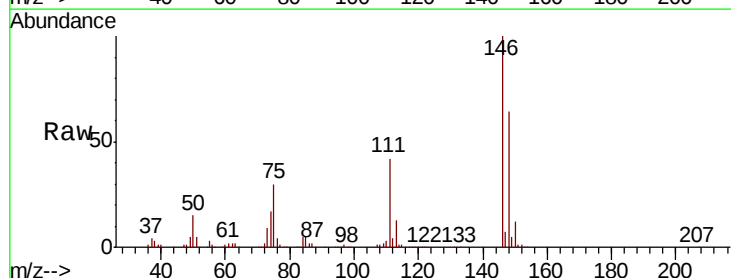
Instrument :
 BNA_M
 ClientSampleId :

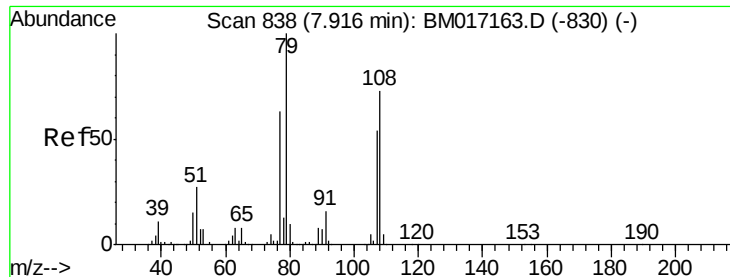
Tot Ion:146 Resp: 729474
 Ion Ratio Lower Upper
 146 100
 148 65.0 49.8 74.6
 111 41.2 32.1 48.1



#14
 1,2-Dichlorobenzene
 Concen: 39.916 ng
 RT: 8.00 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

Tgt Ion:146 Resp: 709999
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 42.5 33.8 50.6





#15

Benzyl Alcohol

Concen: 45.675 ng

RT: 7.89 min Scan# 834

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Instrument :

BNA_M

ClientSampled :

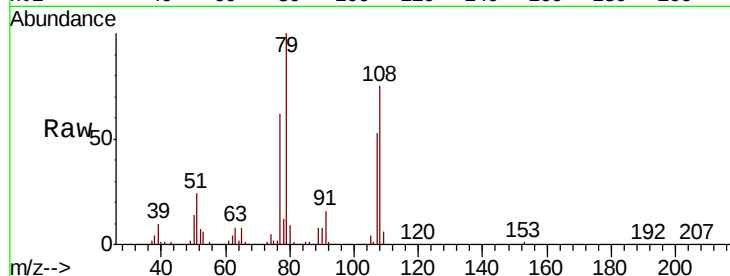
Tot Ion: 79 Resp: 609247

Ion Ratio Lower Upper

79 100

108 75.0 60.3 90.5

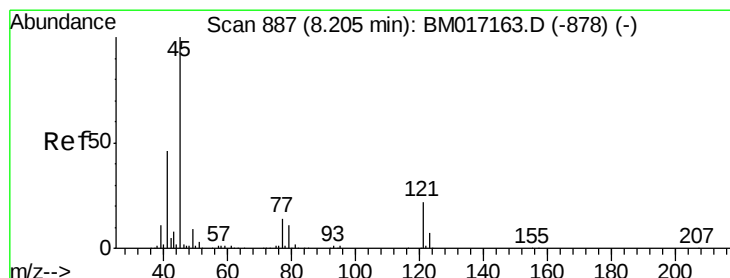
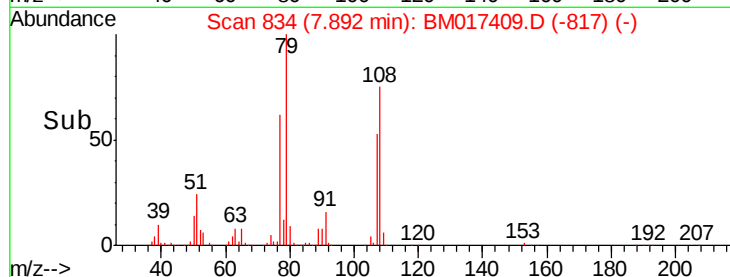
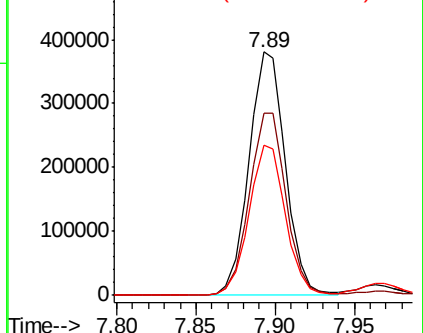
77 61.9 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-830) (-)

Ion 108.00 (107.70 to 108.70): BM017163.D (-830) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-830) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.459 ng

RT: 8.18 min Scan# 883

Delta R.T. 0.01 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

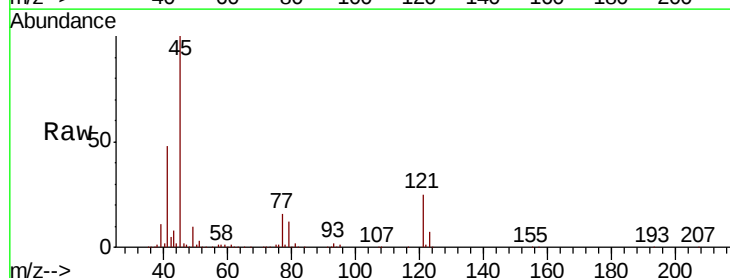
Tgt Ion: 45 Resp: 819342

Ion Ratio Lower Upper

45 100

77 15.7 0.0 35.5

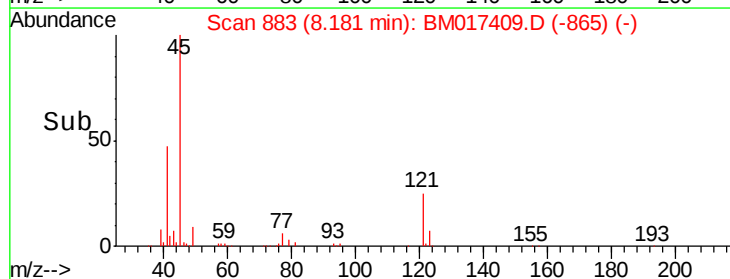
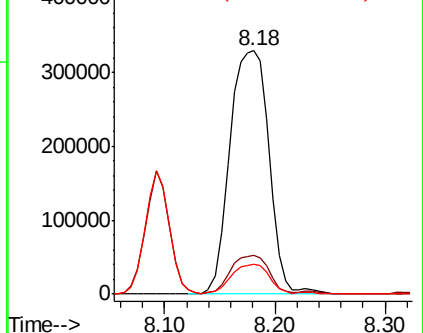
79 12.4 0.0 32.1

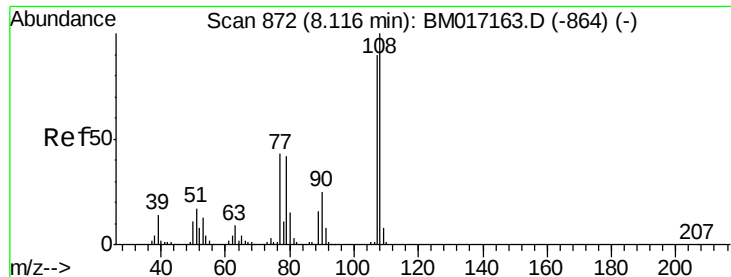


Abundance Ion 45.00 (44.70 to 45.70): BM017163.D (-878) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-878) (-)

Ion 79.00 (78.70 to 79.70): BM017163.D (-878) (-)

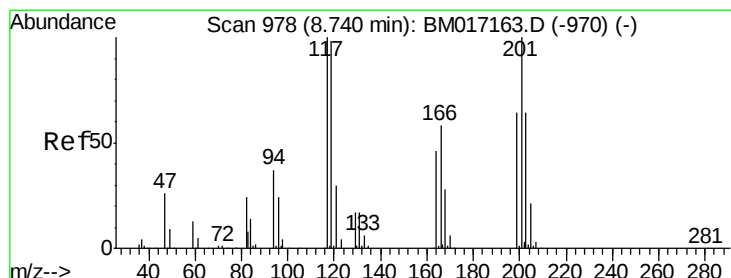
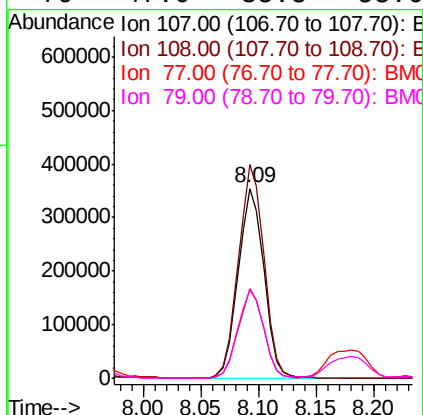
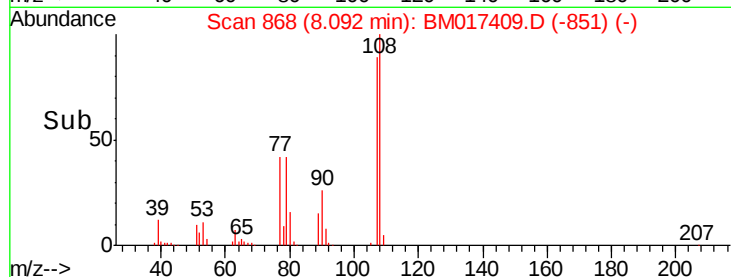
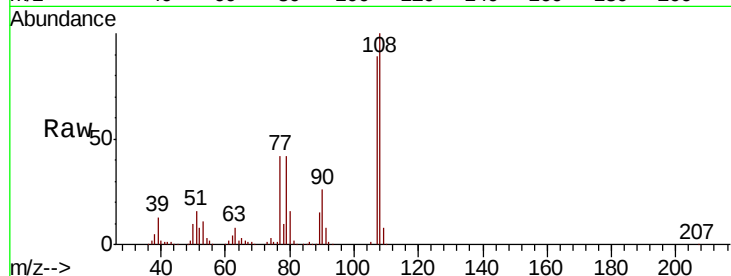




#17
2-Methylphenol
Concen: 43.596 ng
RT: 8.09 min Scan# 868
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

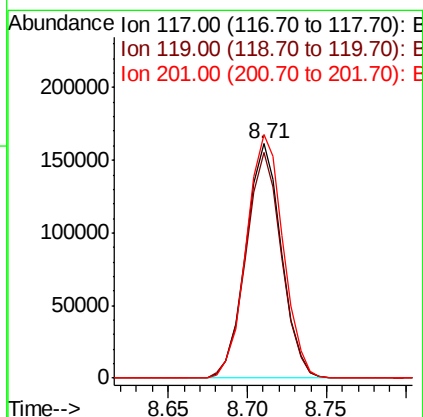
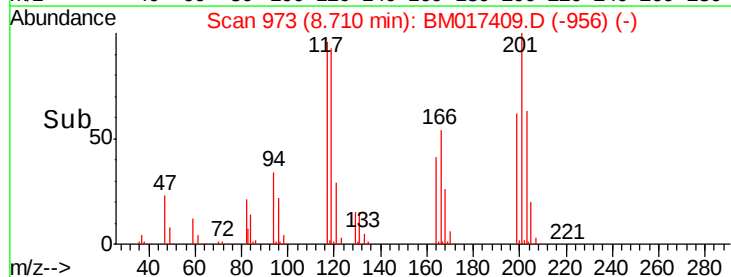
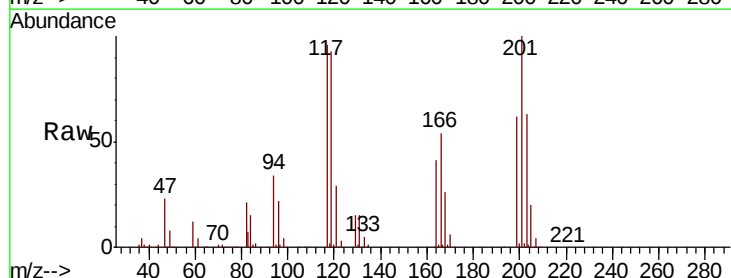
Instrument :
BNA_M
ClientSampleId :

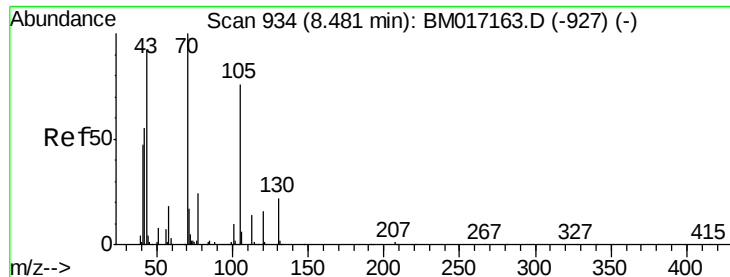
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.3	135.5
77	47.1	37.0	55.4
79	47.0	35.8	53.6



#18
Hexachloroethane
Concen: 39.872 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.2	117.2
201	103.9	85.3	127.9

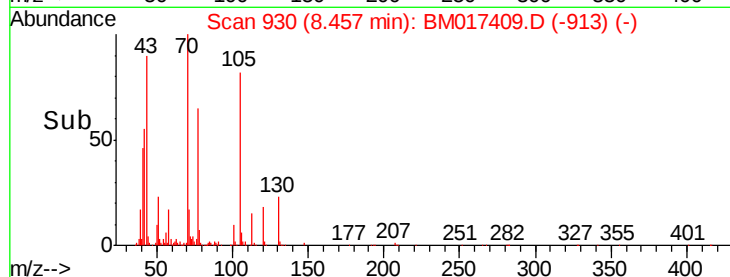
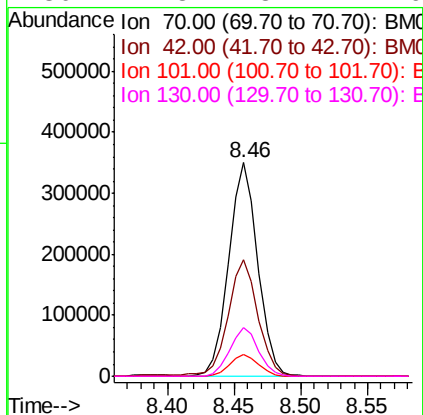
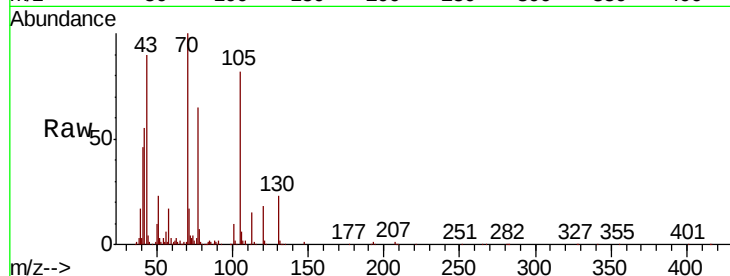




#19
n-Nitroso-di-n-propylamine
Concen: 43.974 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

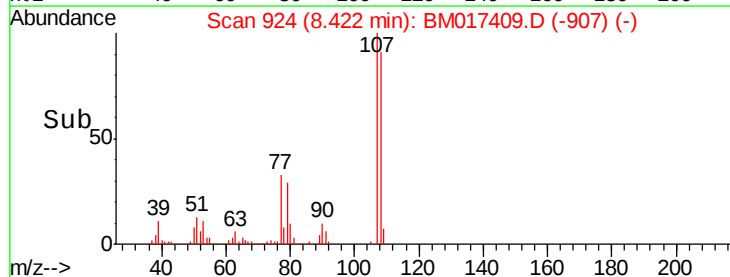
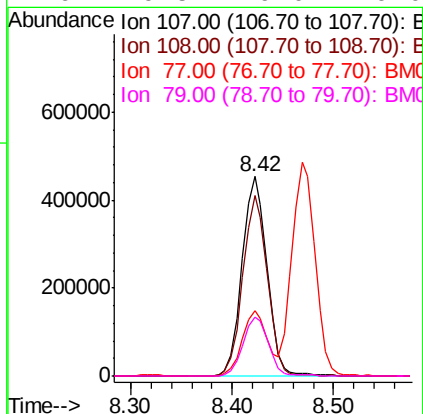
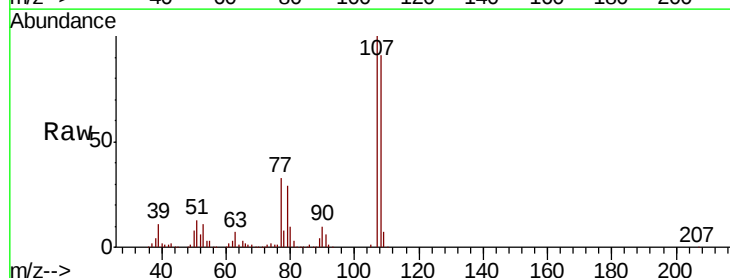
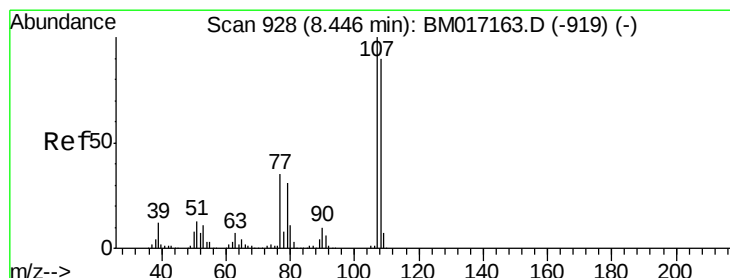
Instrument :
BNA_M
ClientSampled :

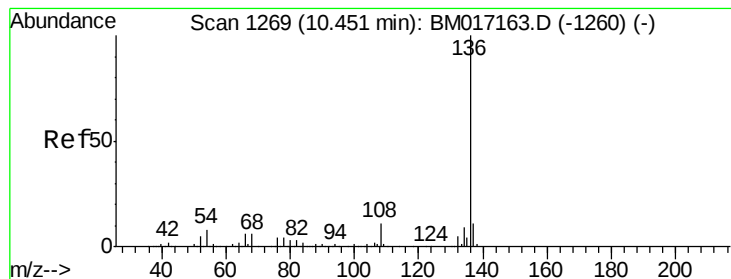
Tot Ion:	70	Resp:	528386
Ion	Ratio	Lower	Upper
70	100		
42	54.8	46.1	69.1
101	10.1	8.2	12.4
130	22.8	18.4	27.6



#20
3+4-Methylphenols
Concen: 44.938 ng
RT: 8.42 min Scan# 924
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion:	107	Resp:	774802
Ion	Ratio	Lower	Upper
107	100		
108	90.6	69.9	109.9
77	33.0	12.2	52.2
79	29.5	9.0	49.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

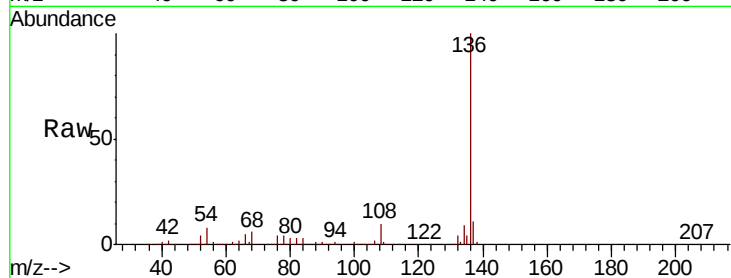
Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1056080

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.8	6.7	10.1
68	5.7	4.7	7.1

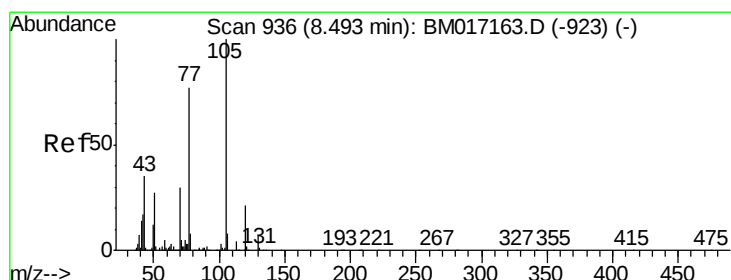
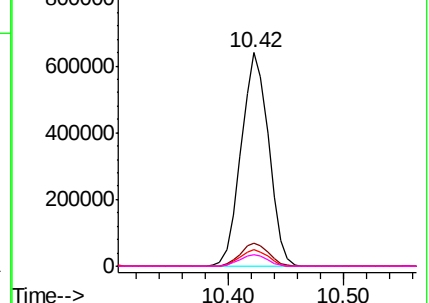
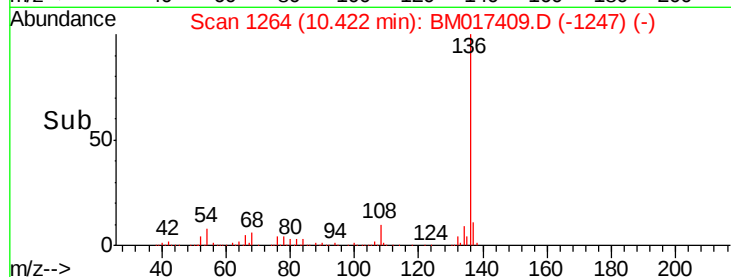


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.708 ng

RT: 8.47 min Scan# 932

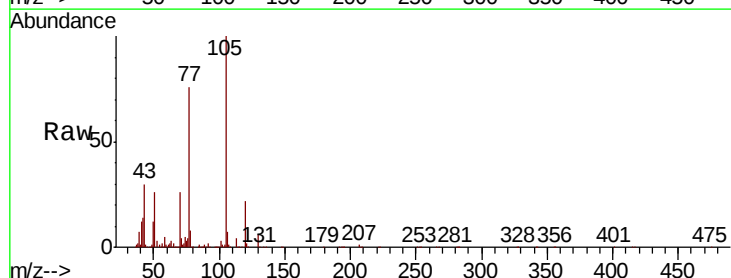
Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Tgt Ion:105 Resp: 1036227

Ion	Ratio	Lower	Upper
105	100		
71	4.4	2.0	3.0#
51	25.9	20.6	31.0
120	22.1	17.5	26.3

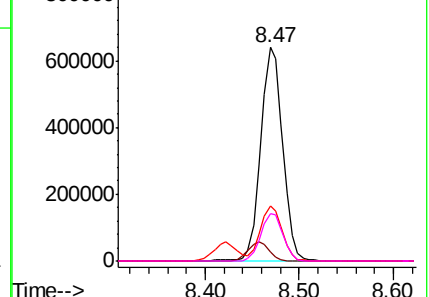
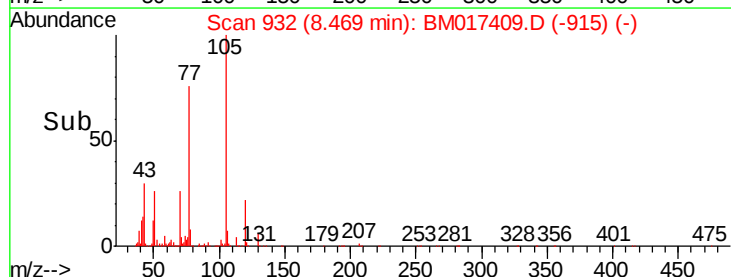


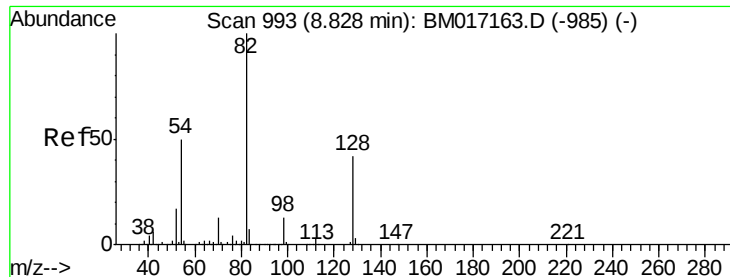
Abundance Ion 105.00 (104.70 to 105.70): E

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

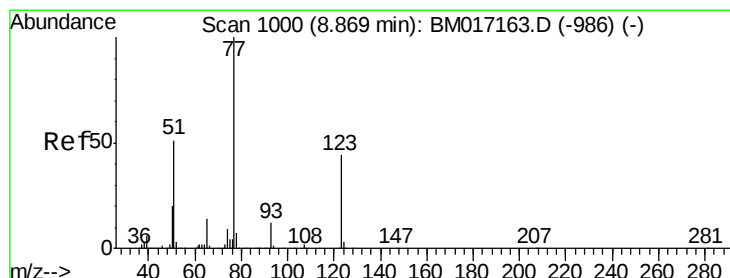
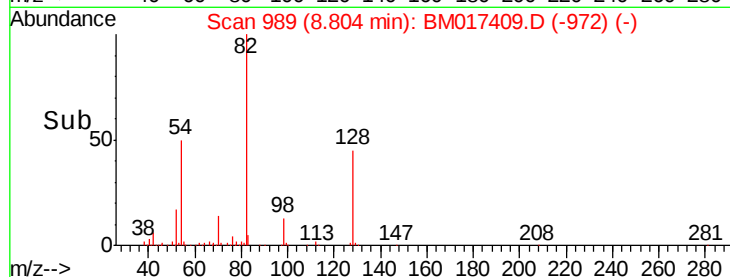
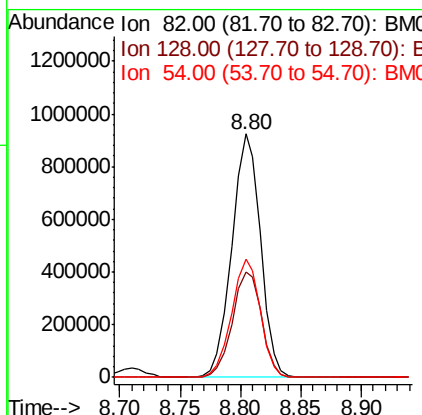
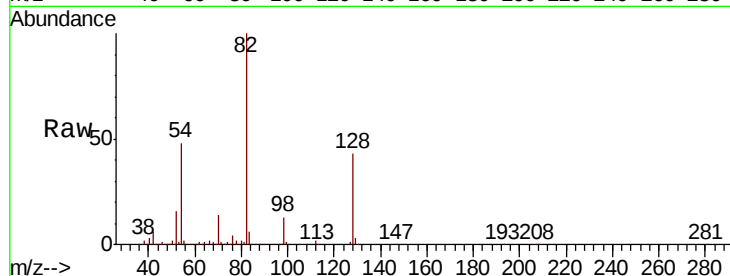




#23
 Nitrobenzene-d5
 Concen: 84.767 ng
 RT: 8.80 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

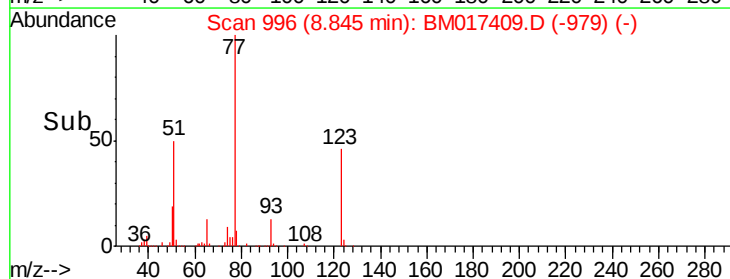
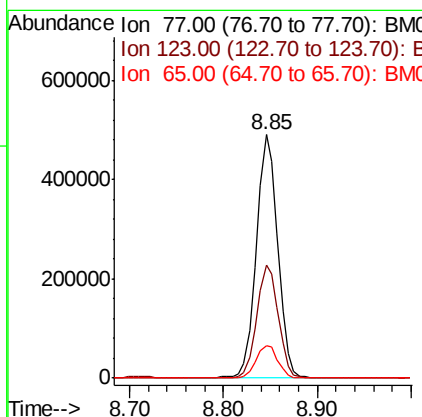
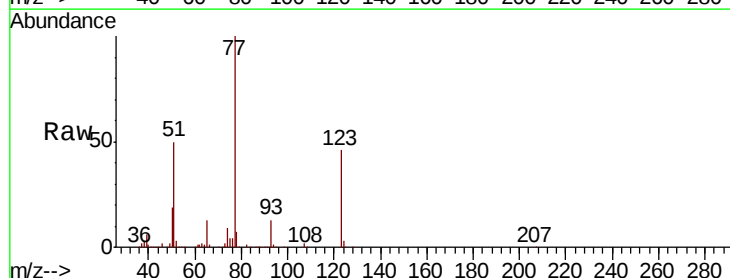
Instrument :
 BNA_M
 ClientSampled :

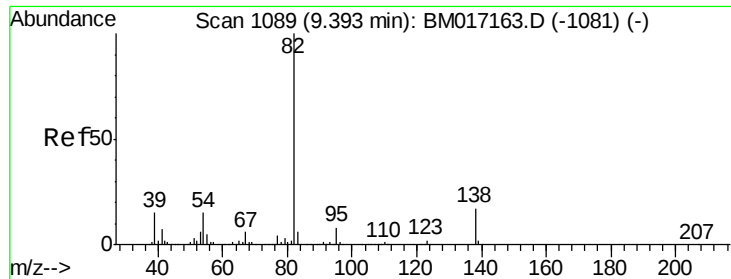
Tot Ion: 82 Resp: 1530640
 Ion Ratio Lower Upper
 82 100
 128 43.4 37.0 55.6
 54 48.4 40.7 61.1



#24
 Nitrobenzene
 Concen: 40.344 ng
 RT: 8.85 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

Tgt Ion: 77 Resp: 770575
 Ion Ratio Lower Upper
 77 100
 123 46.3 40.2 60.4
 65 13.3 11.4 17.0





#25

Isophorone

Concen: 41.714 ng

RT: 9.37 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

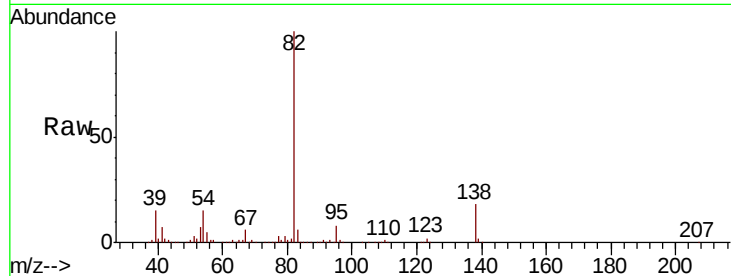
Instrument :

BNA_M

ClientSampled :

Tot Ion: 82 Resp: 1243807

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.0	9.0
138	18.2	15.4	23.2

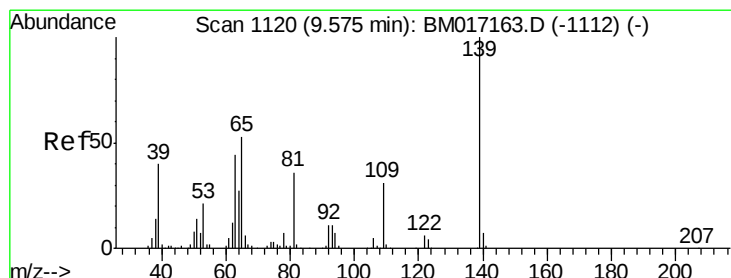
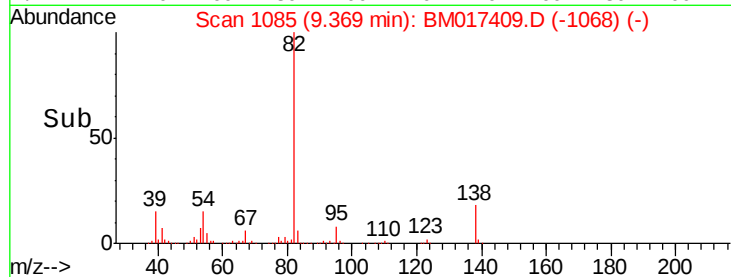
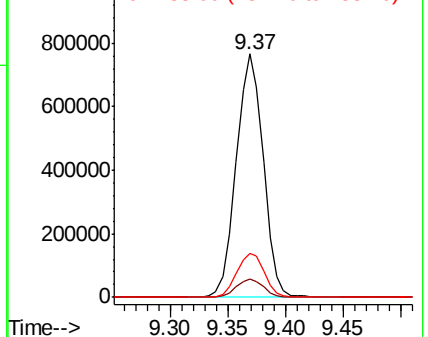


Abundance

Ion 82.00 (81.70 to 82.70): BM017163.D (-1081) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-1081) (-)

Ion 138.00 (137.70 to 138.70): BM017163.D (-1081) (-)



#26

2-Nitrophenol

Concen: 45.024 ng

RT: 9.55 min Scan# 1116

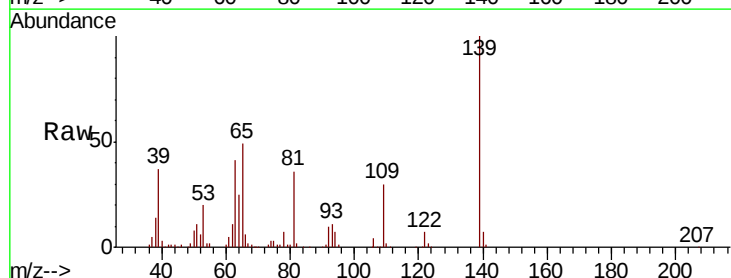
Delta R.T. 0.01 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Tgt Ion: 139 Resp: 398888

Ion	Ratio	Lower	Upper
139	100		
109	30.4	23.2	34.8
65	48.5	40.6	61.0

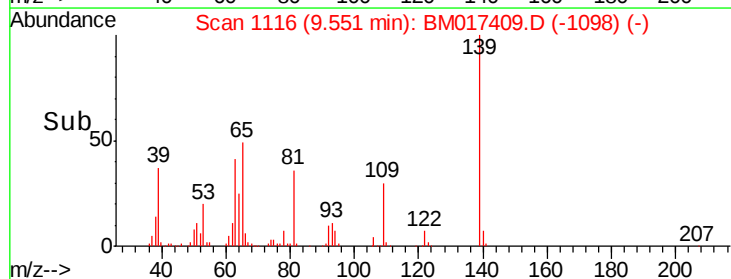
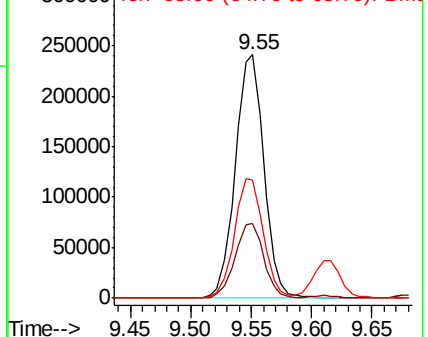


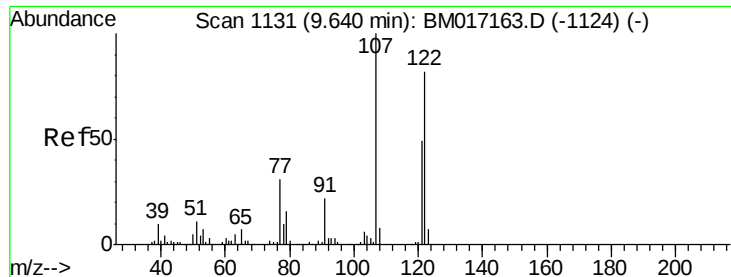
Abundance

Ion 139.00 (138.70 to 139.70): BM017163.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM017163.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-1112) (-)

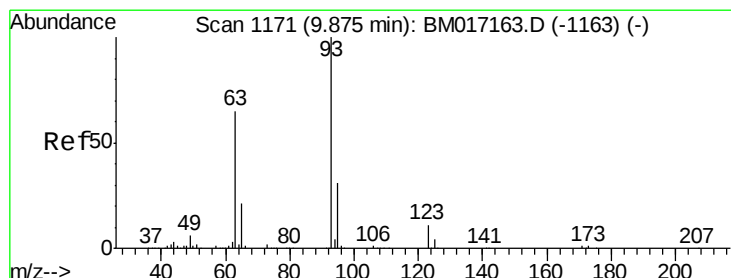
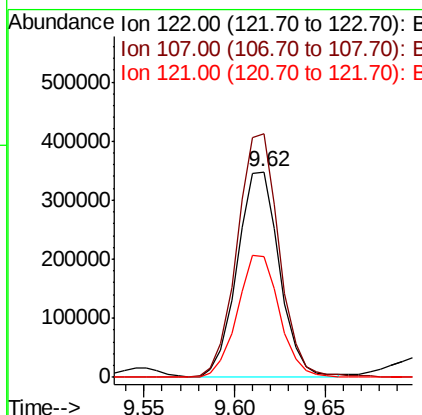
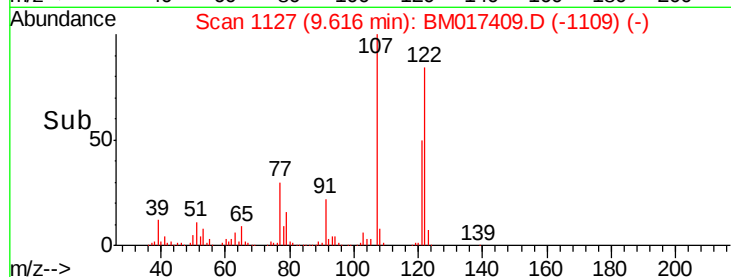
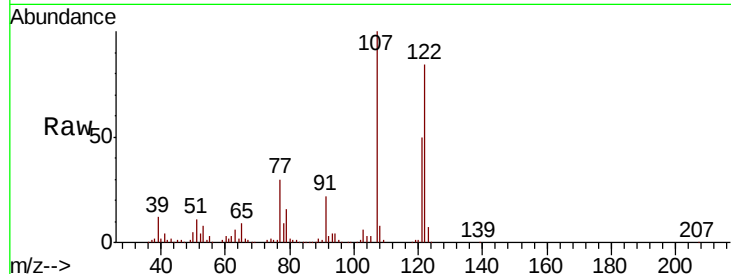




#27
 2,4-Dimethylphenol
 Concen: 42.552 ng
 RT: 9.62 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

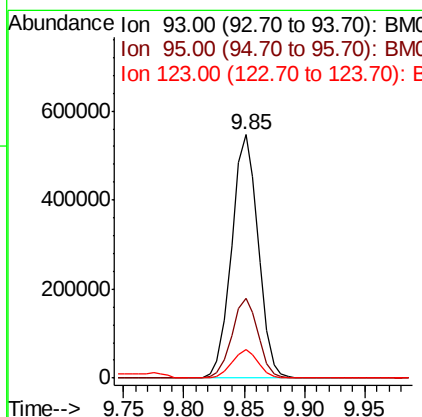
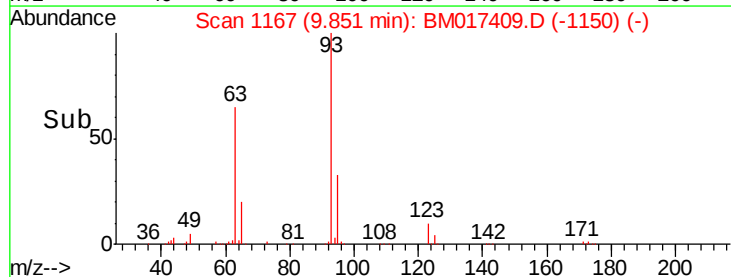
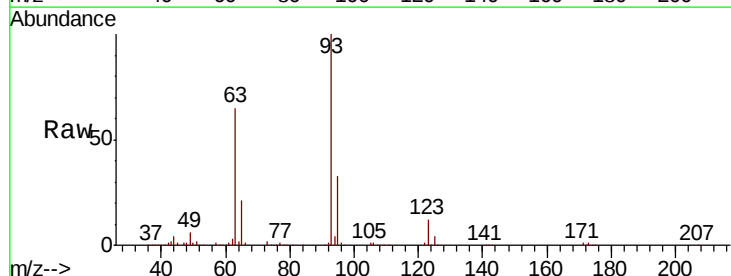
Instrument :
 BNA_M
 ClientSampled :

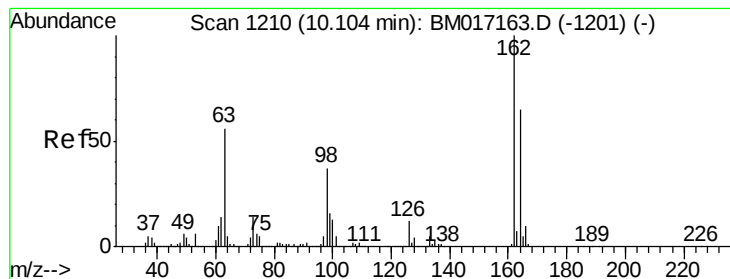
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.4	95.0	142.6
121	58.9	48.2	72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.987 ng
 RT: 9.85 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.7	38.5
123	11.8	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 43.681 ng

RT: 10.08 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Instrument :

BNA_M

ClientSampled :

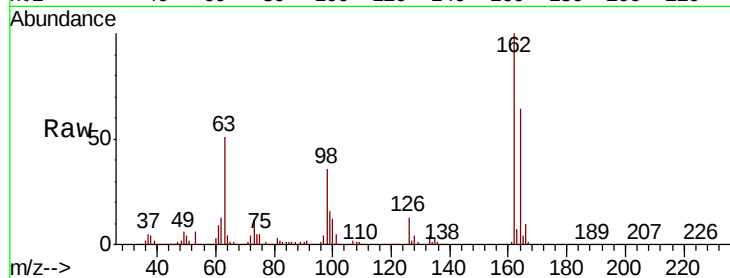
Tot Ion:162 Resp: 668677

Ion Ratio Lower Upper

162 100

164 64.4 44.9 84.9

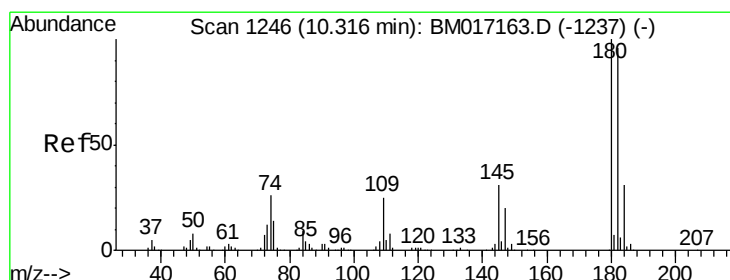
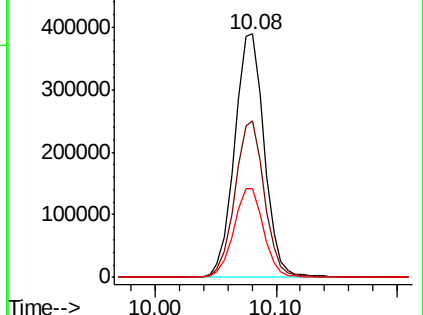
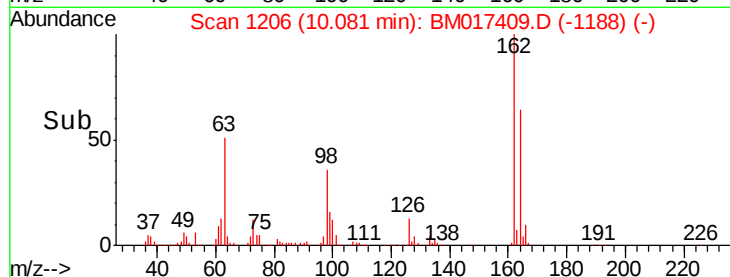
98 36.2 15.8 55.8



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): B



#30

1,2,4-Trichlorobenzene

Concen: 39.617 ng

RT: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

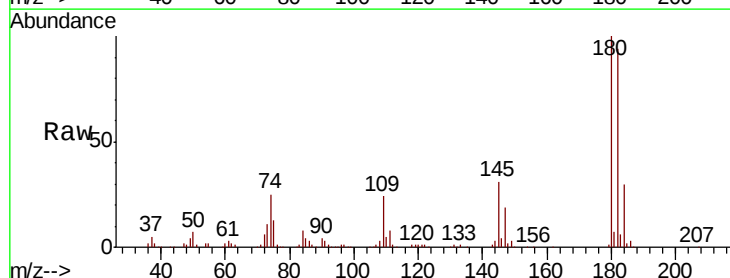
Tgt Ion:180 Resp: 727532

Ion Ratio Lower Upper

180 100

182 94.5 77.5 116.3

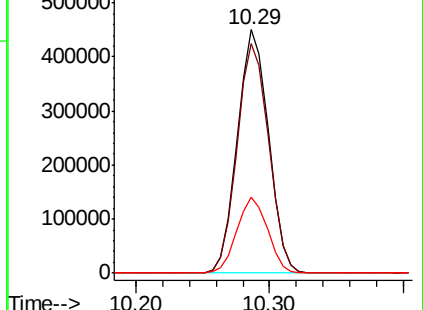
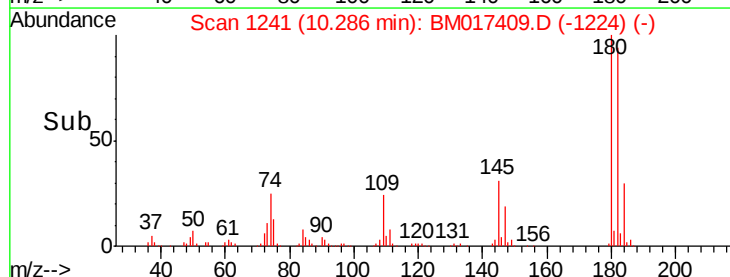
145 31.2 24.0 36.0

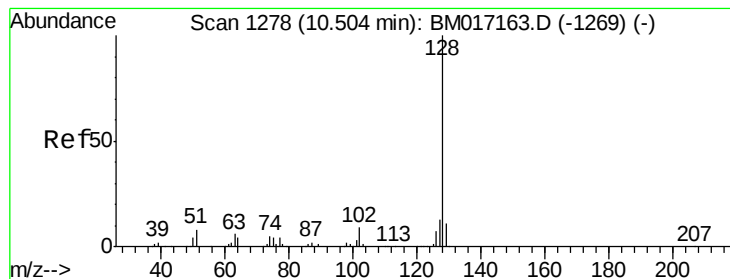


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

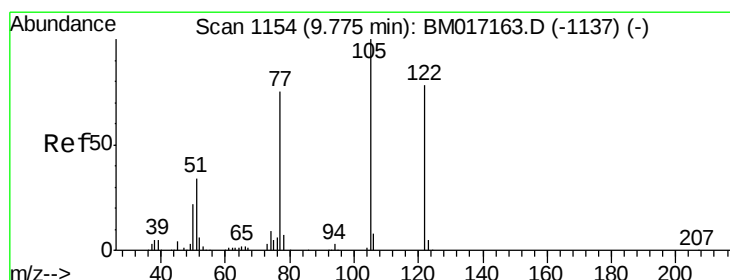
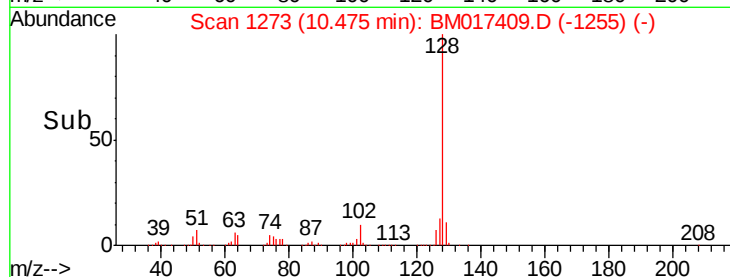
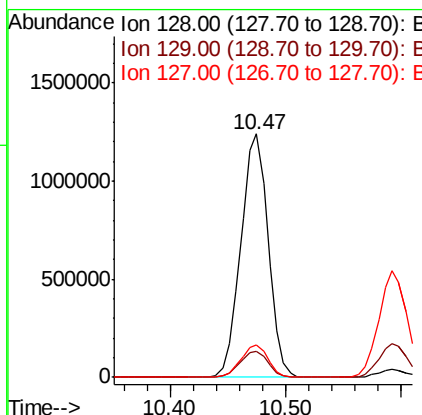
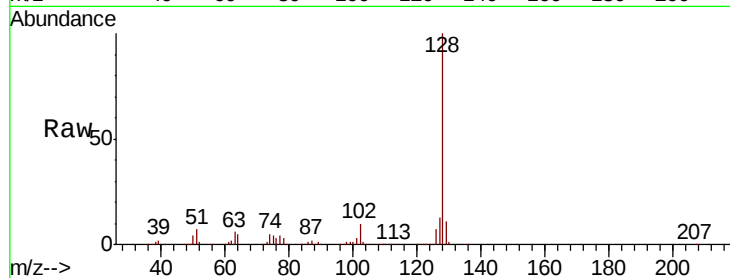




#31
Naphthalene
Concen: 39.339 ng
RT: 10.47 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

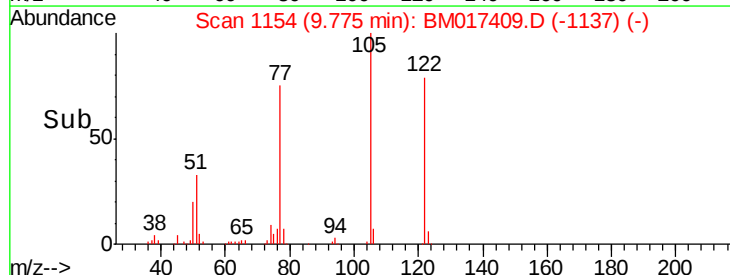
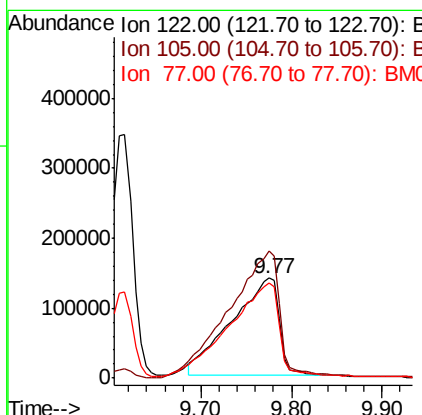
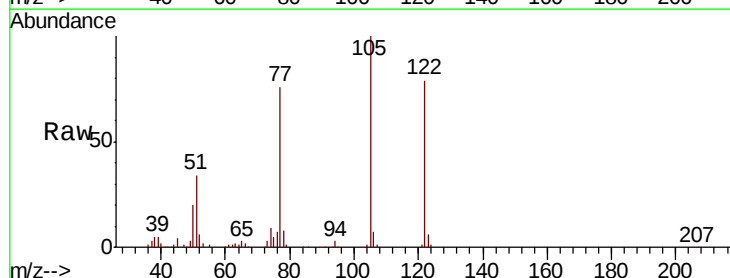
Instrument :
BNA_M
ClientSampleId :

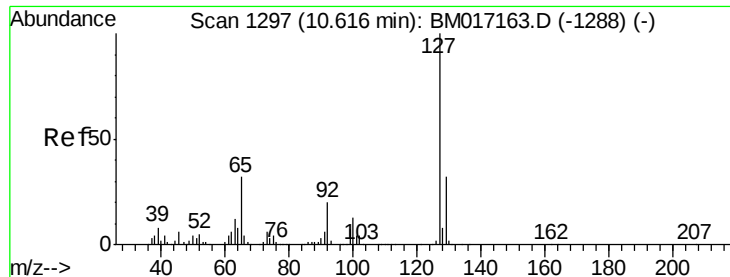
Tot Ion:128 Resp: 2035968
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.5 10.3 15.5



#32
Benzoic acid
Concen: 51.706 ng
RT: 9.77 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion:122 Resp: 508661
Ion Ratio Lower Upper
122 100
105 126.7 102.0 142.0
77 95.8 67.7 107.7

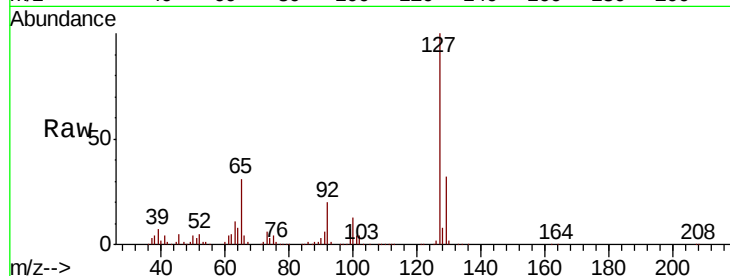




#33
4-Chloroaniline
Concen: 41.991 ng
RT: 10.59 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	938581
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	30.6	23.7	35.5
92	19.7	14.3	21.5



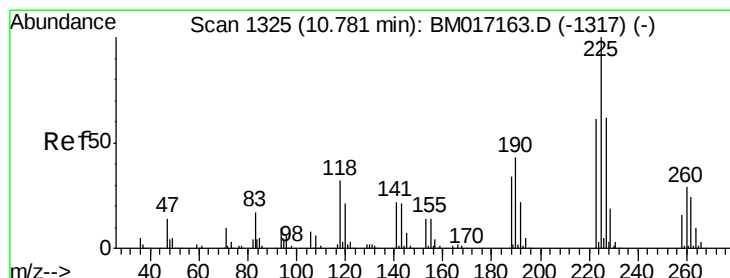
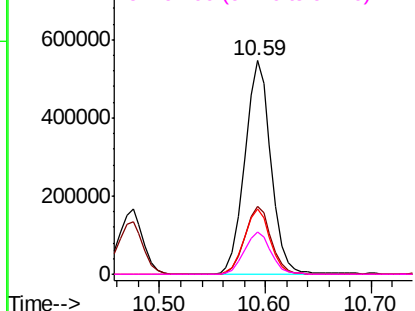
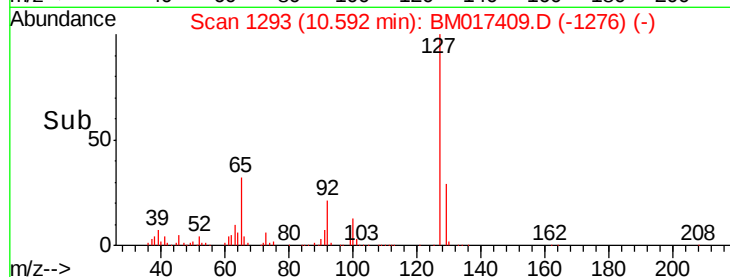
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

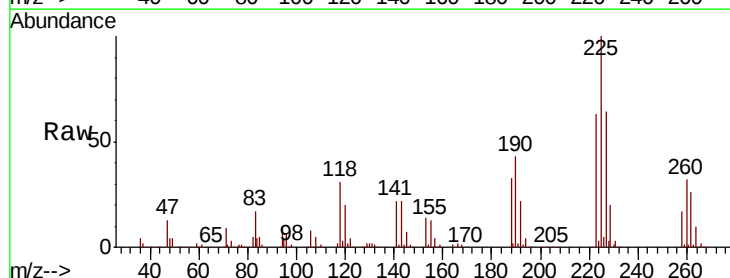
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 37.833 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion:	225	Resp:	440215
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	64.1	50.8	76.2

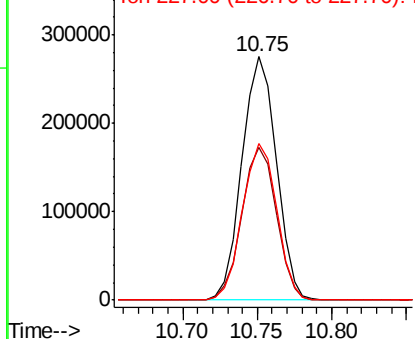
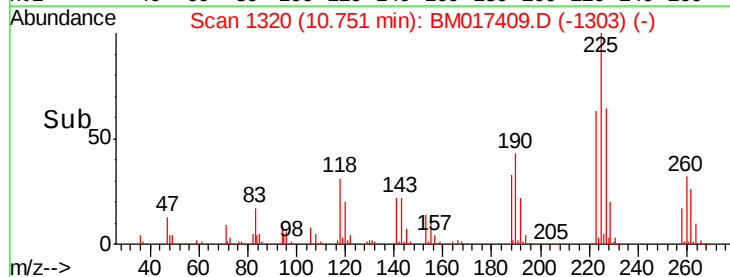


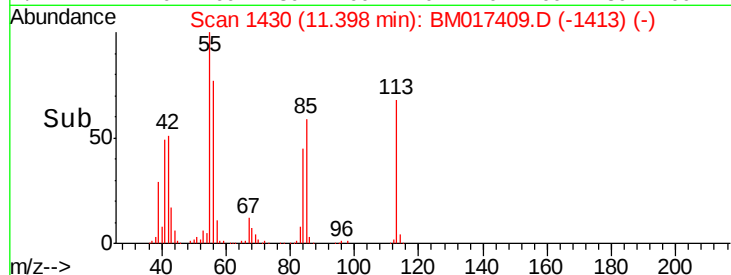
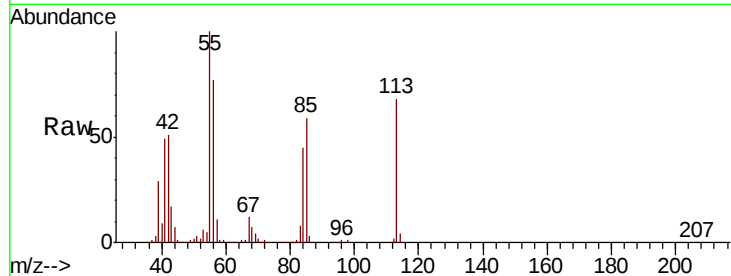
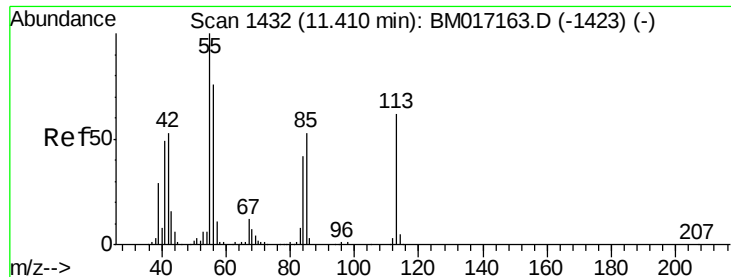
Abundance

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

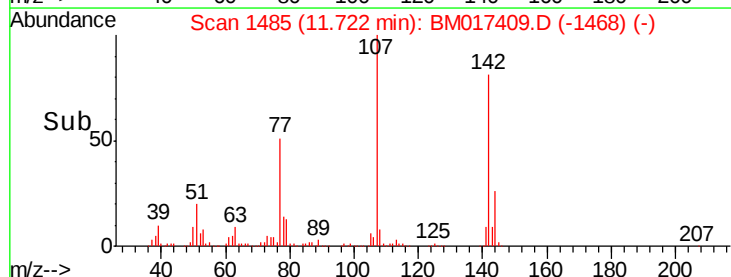
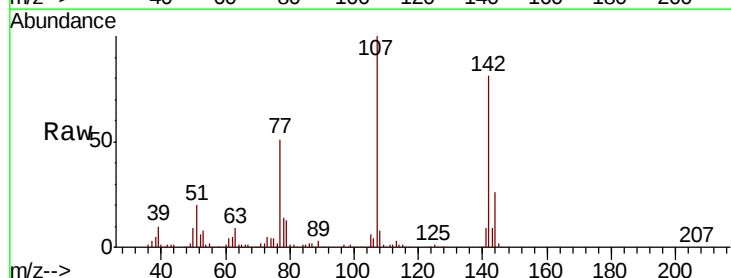
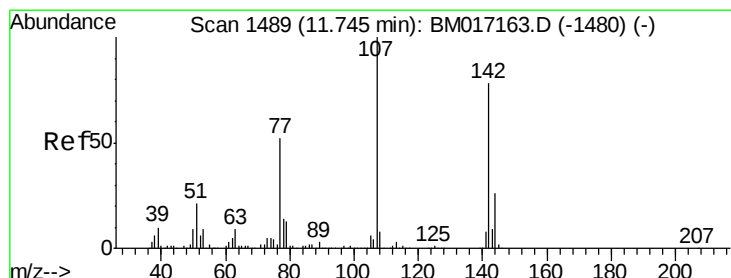
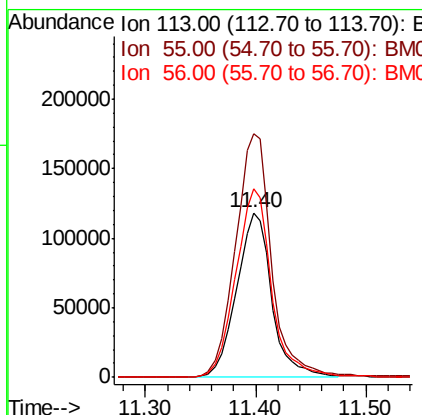




#35
Caprolactam
Concen: 47.359 ng
RT: 11.40 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

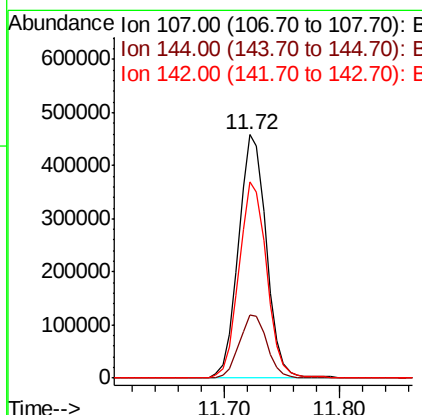
Instrument :
BNA_M
ClientSampleId :

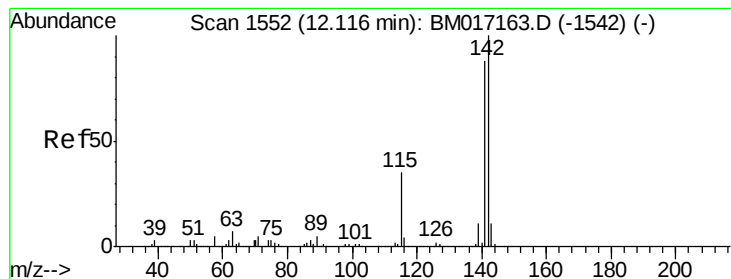
Tot Ion:113 Resp: 264216
Ion Ratio Lower Upper
113 100
55 148.1 147.0 187.0
56 114.7 104.5 144.5



#36
4-Chloro-3-methylphenol
Concen: 44.425 ng
RT: 11.72 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion:107 Resp: 766589
Ion Ratio Lower Upper
107 100
144 26.1 21.6 32.4
142 80.6 66.0 99.0





#37

2-Methylnaphthalene

Concen: 41.783 ng

RT: 12.09 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Instrument :

BNA_M

ClientSampleId :

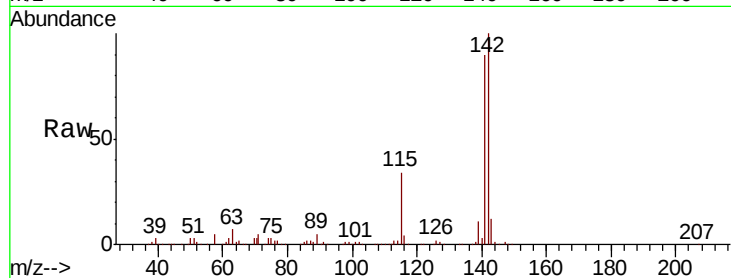
Tot Ion:142 Resp: 1479764

Ion Ratio Lower Upper

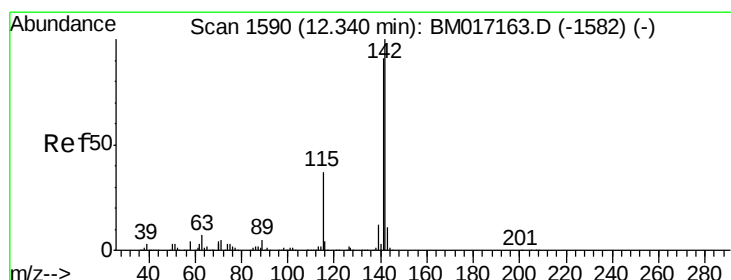
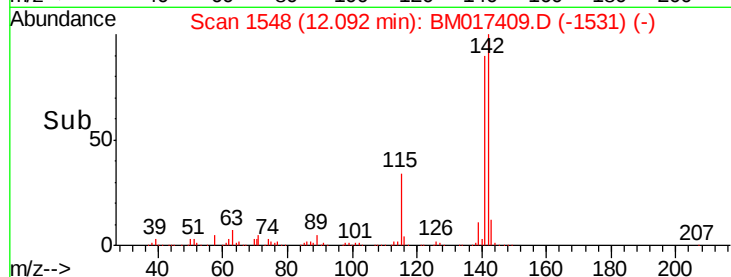
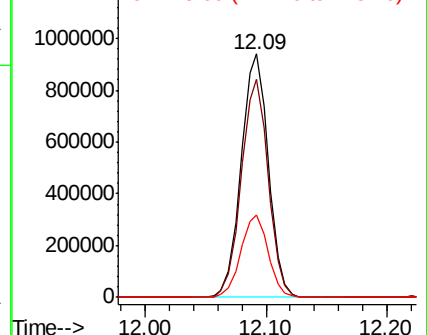
142 100

141 89.8 70.9 106.3

115 34.0 26.4 39.6



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



#38

1-Methylnaphthalene

Concen: 42.020 ng

RT: 12.31 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

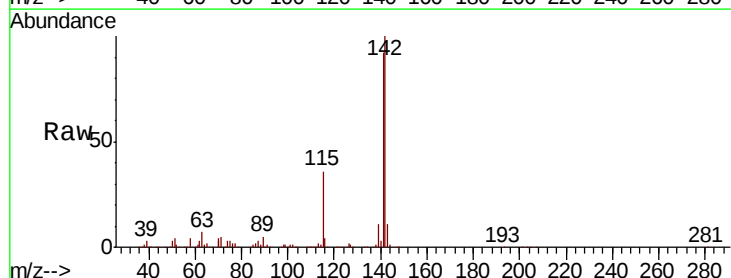
Tgt Ion:142 Resp: 1448407

Ion Ratio Lower Upper

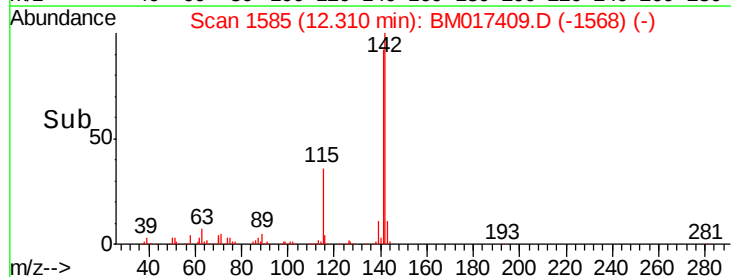
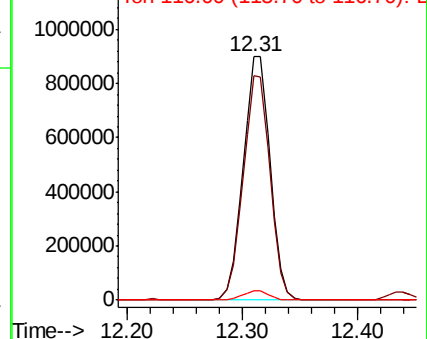
142 100

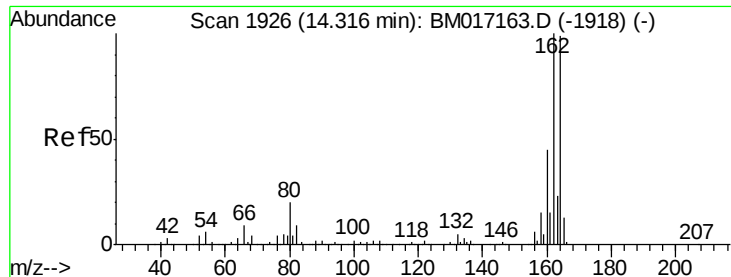
141 91.9 73.8 110.6

116 3.8 2.9 4.3



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

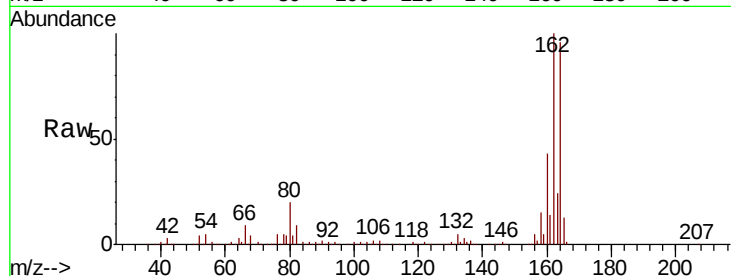




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.1	123.1
160	44.7	40.2	60.2

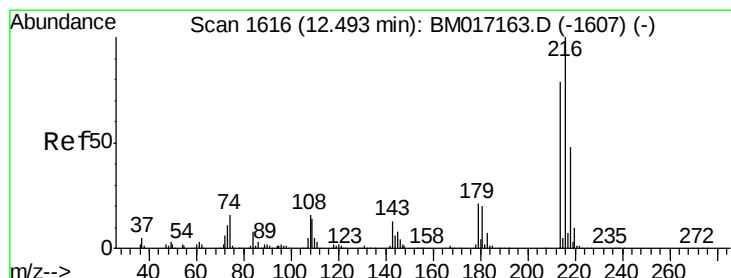
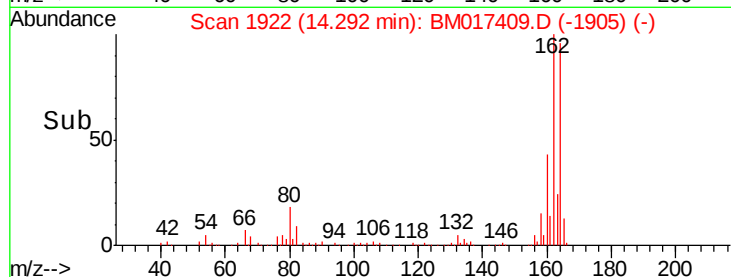
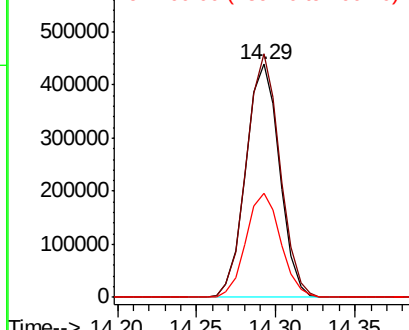


Abundance

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: 38.523 ng
RT: 12.46 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.6	93.8
179	20.8	16.6	24.8
108	17.2	13.5	20.3

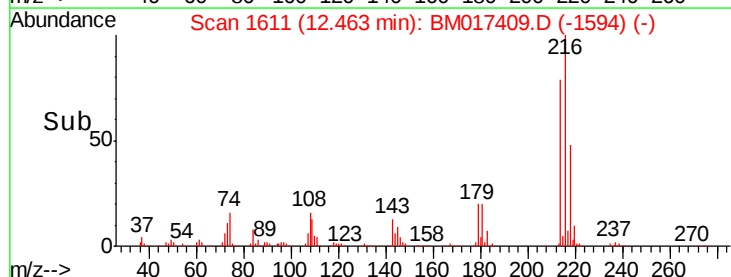
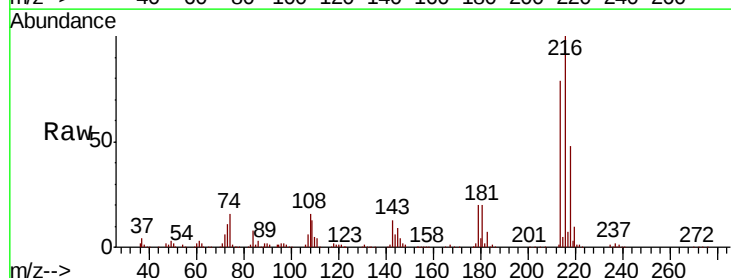
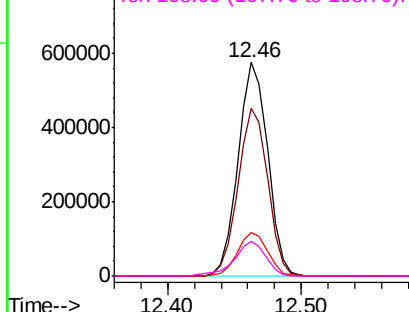
Abundance

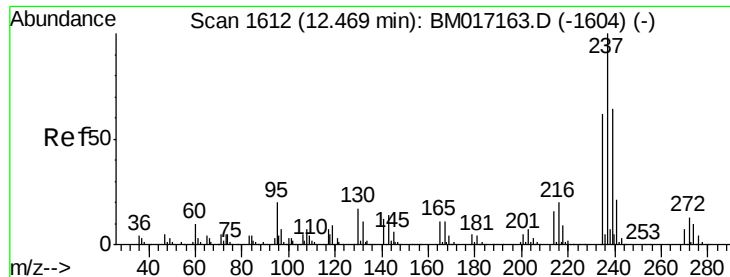
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

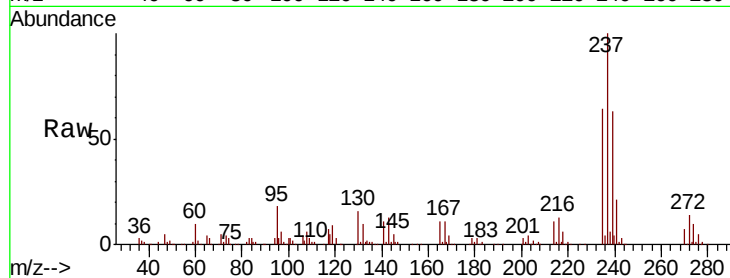




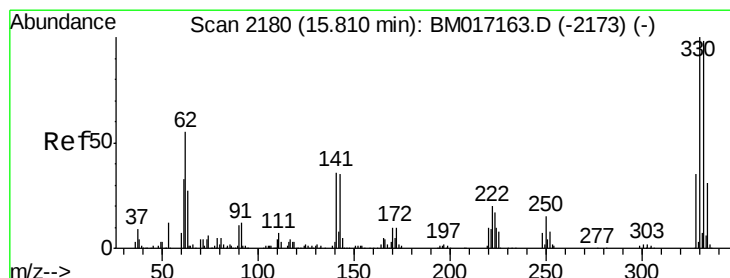
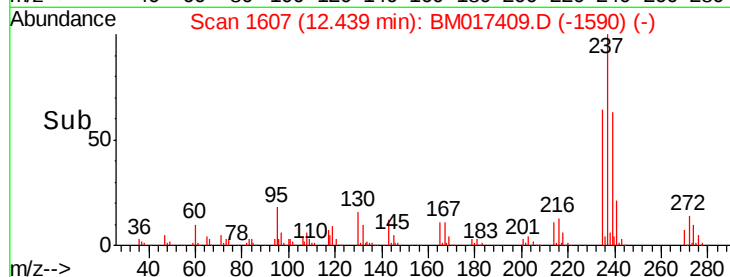
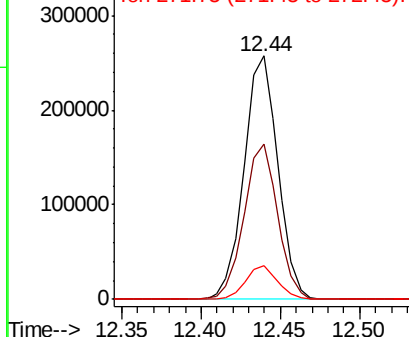
#41
Hexachlorocyclopentadiene
Concen: 34.371 ng
RT: 12.44 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.9	42.4	82.4
272	13.7	0.0	33.0

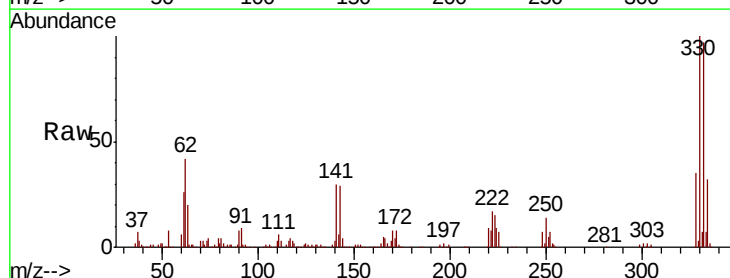


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

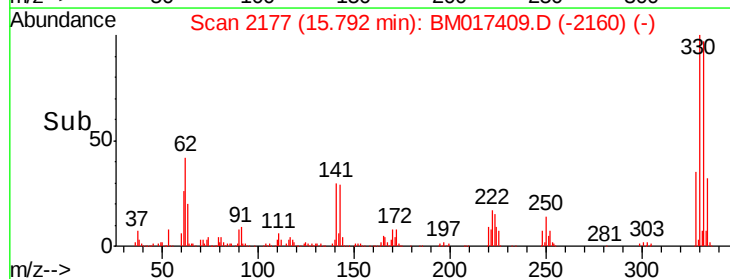
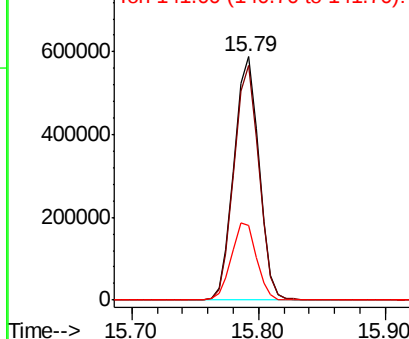


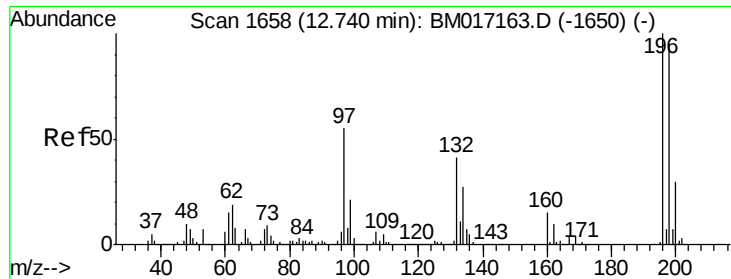
#42
2,4,6-Tribromophenol
Concen: 91.134 ng
RT: 15.79 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	32.0	27.4	41.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

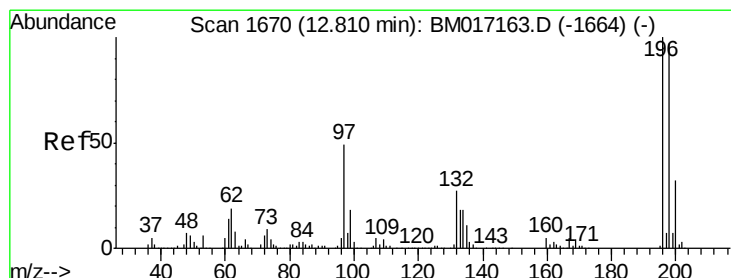
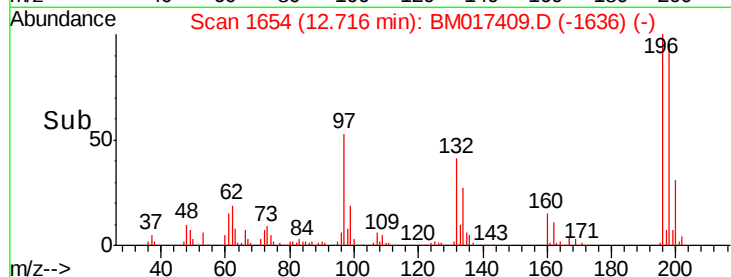
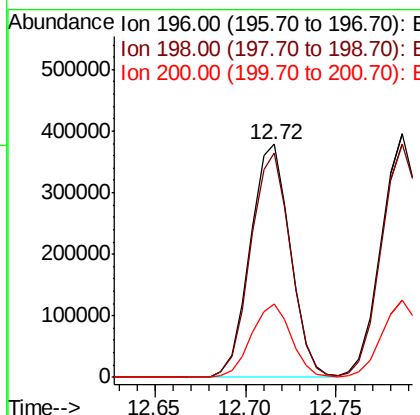
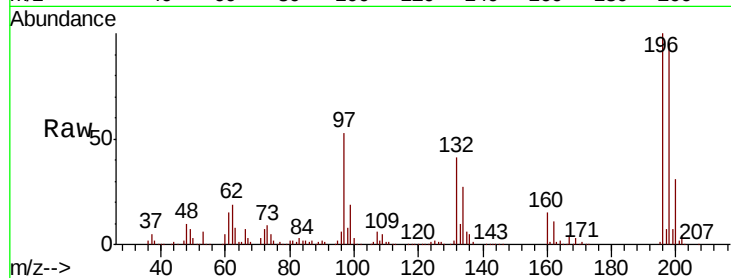




#43
 2,4,6-Trichlorophenol
 Concen: 43.807 ng
 RT: 12.72 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

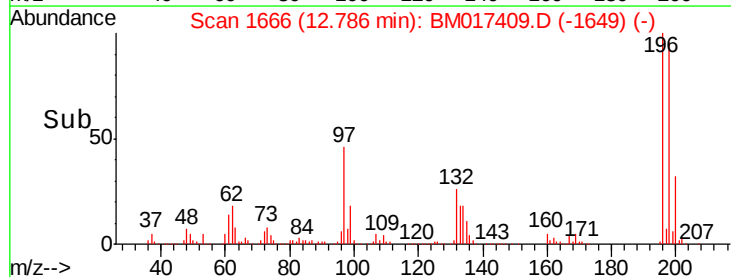
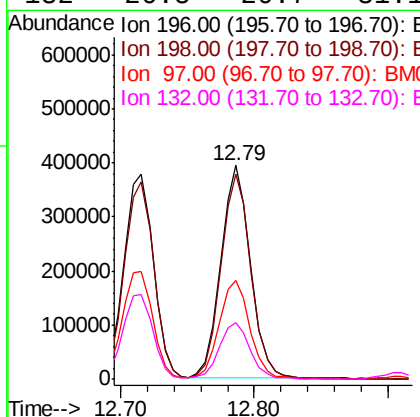
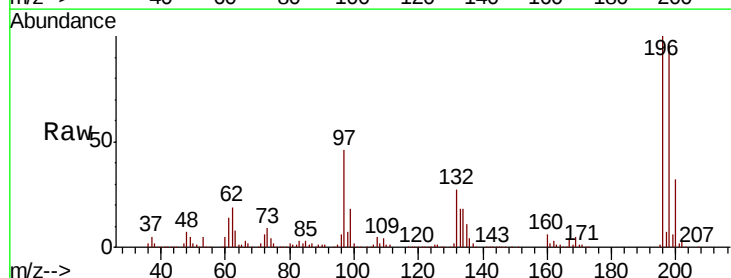
Instrument :
 BNA_M
 ClientSampleId :

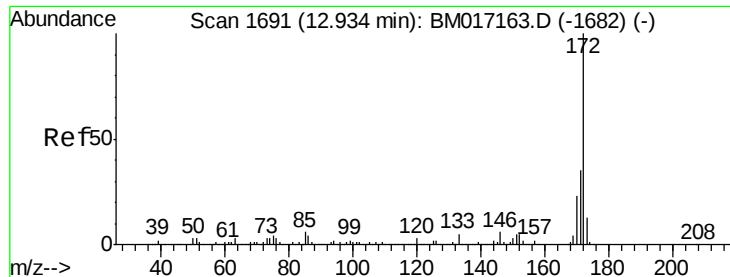
Tot Ion:196 Resp: 583146
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.1 115.7
 200 31.2 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 43.108 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

Tgt Ion:196 Resp: 615349
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.6 115.0
 97 46.3 35.5 53.3
 132 26.5 20.7 31.1

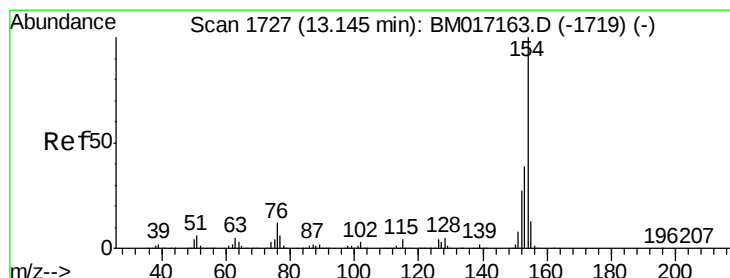
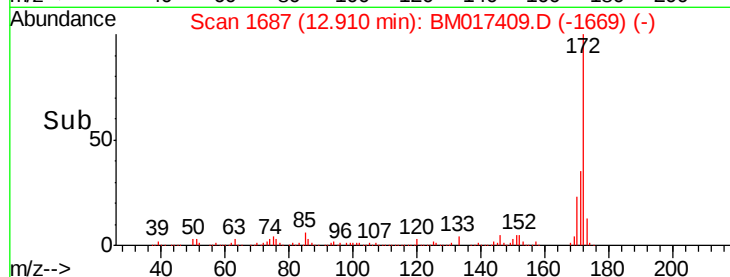
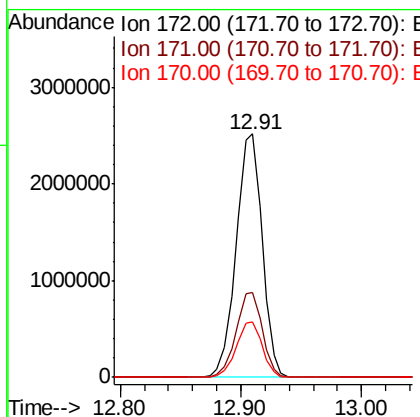
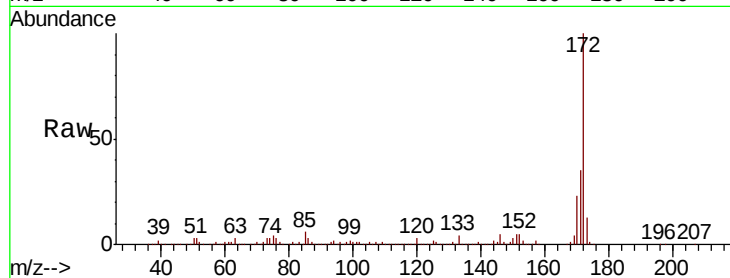




#45
2-Fluorobiphenyl
Concen: 77.346 ng
RT: 12.91 min Scan# 1687
Delta R.T. 0.01 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

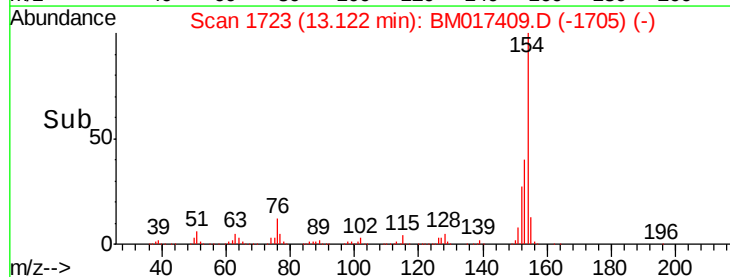
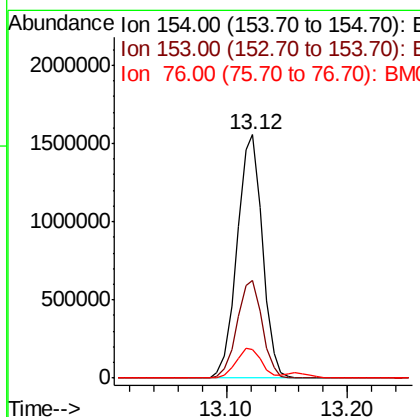
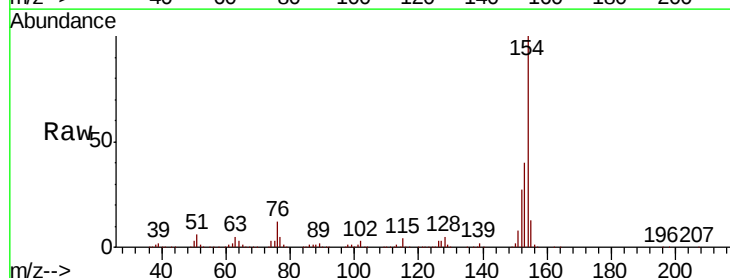
Instrument :
BNA_M
ClientSampleId :

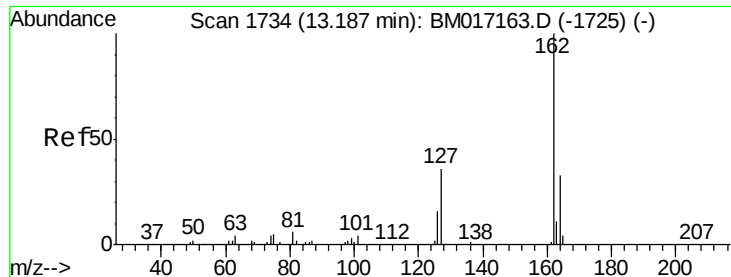
Tot Ion:172 Resp: 3785191
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.7 18.3 27.5



#46
1,1'-Biphenyl
Concen: 38.645 ng
RT: 13.12 min Scan# 1723
Delta R.T. 0.01 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion:154 Resp: 2264439
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 11.9 0.0 31.8

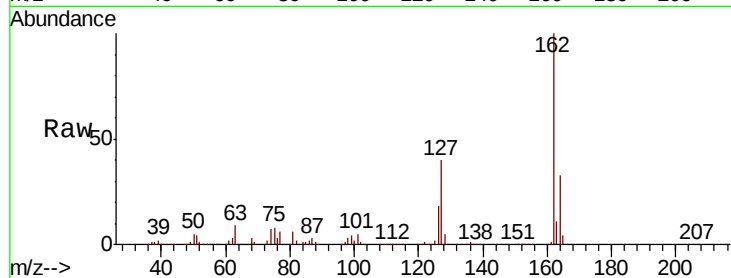




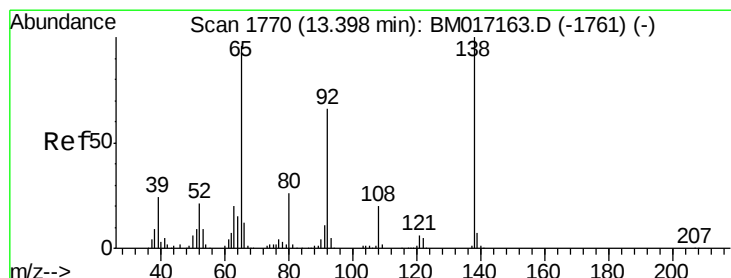
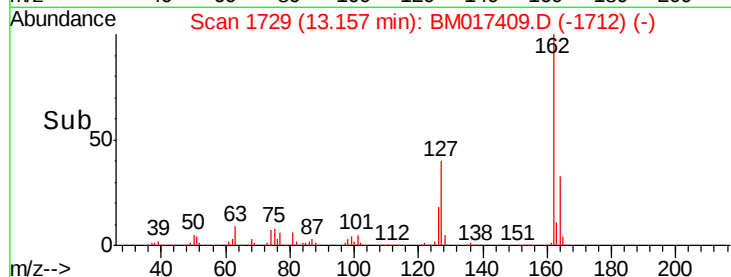
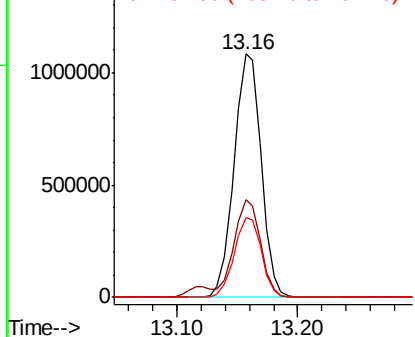
#47
2-Chloronaphthalene
Concen: 39.398 ng
RT: 13.16 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 1698349
Ion Ratio Lower Upper
162 100
127 39.9 31.0 46.4
164 32.6 26.6 39.8

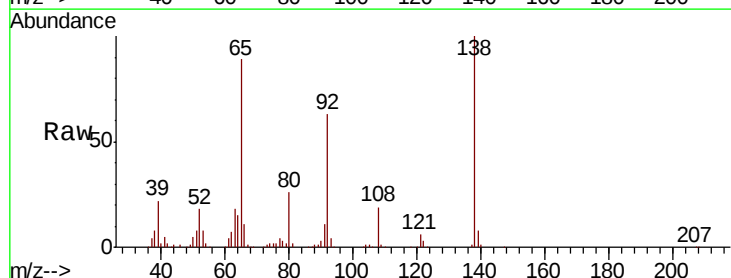


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

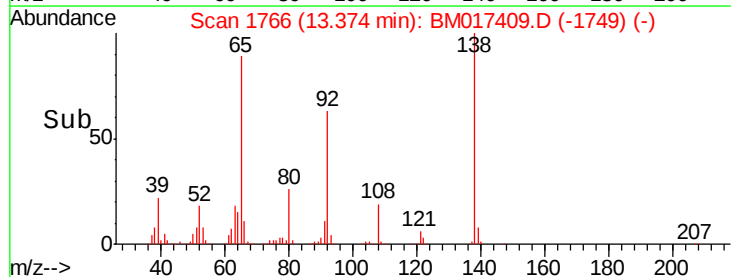
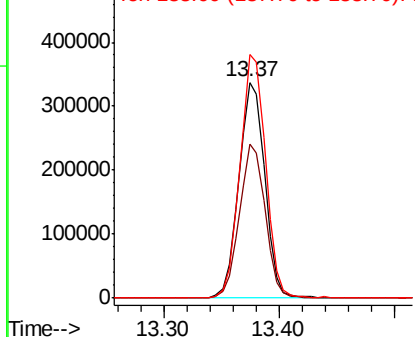


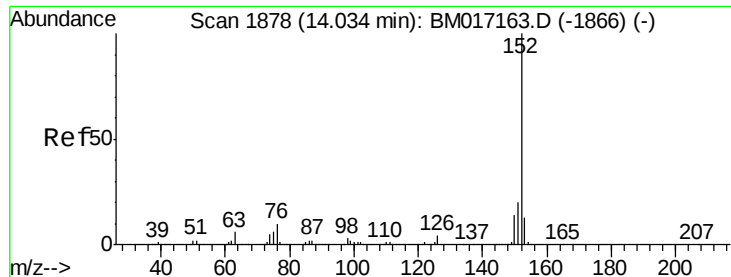
#48
2-Nitroaniline
Concen: 43.719 ng
RT: 13.37 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion: 65 Resp: 525425
Ion Ratio Lower Upper
65 100
92 71.5 54.9 82.3
138 112.7 83.7 125.5



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.520 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

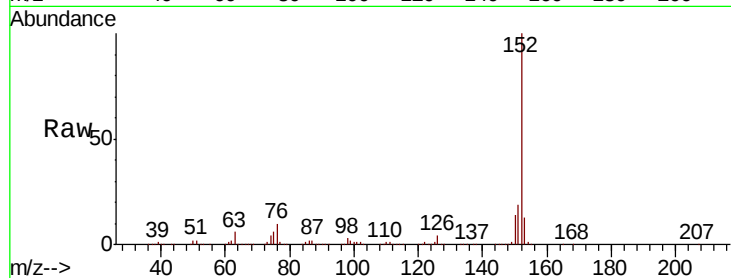
Instrument :

BNA_M

ClientSampled :

Tot Ion:152 Resp: 2594380

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.0	24.0
153	13.1	10.4	15.6

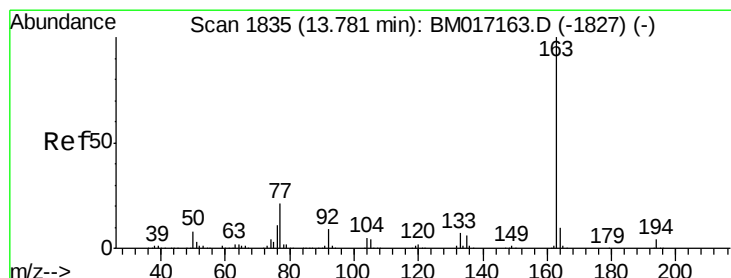
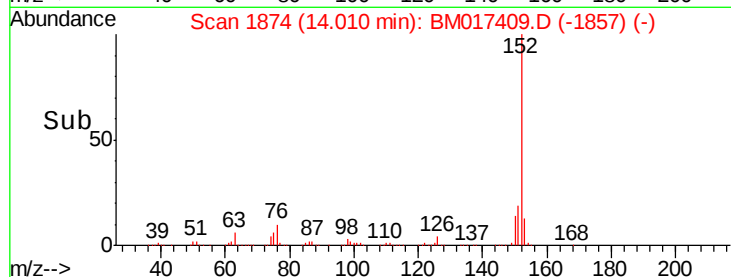
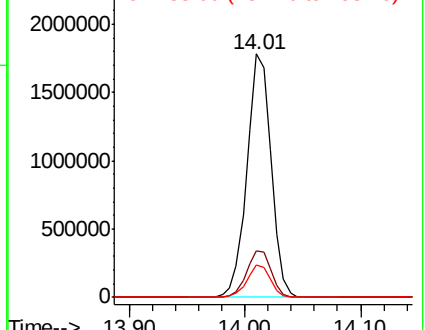


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.982 ng

RT: 13.76 min Scan# 1832

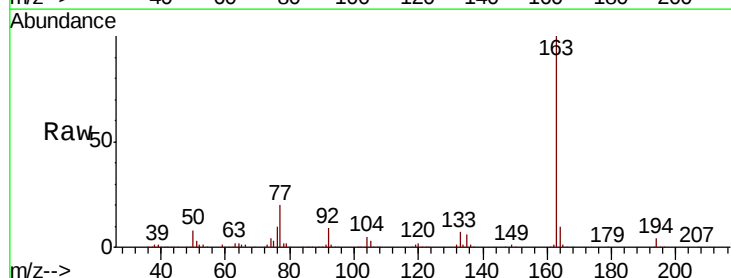
Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Tgt Ion:163 Resp: 2058771

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.0	7.8	11.8

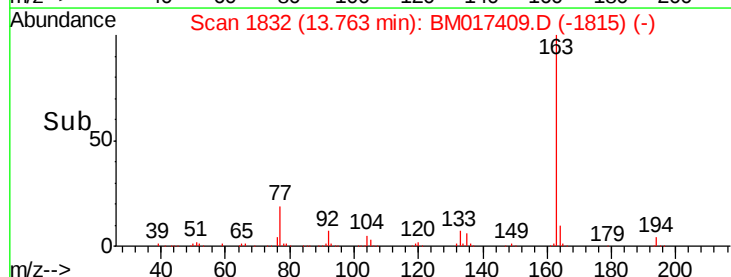
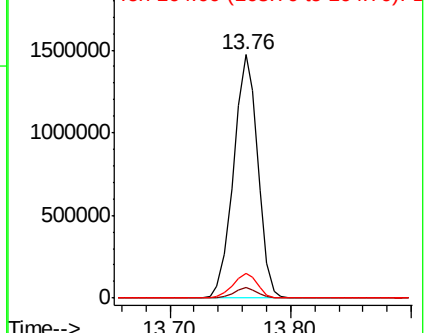


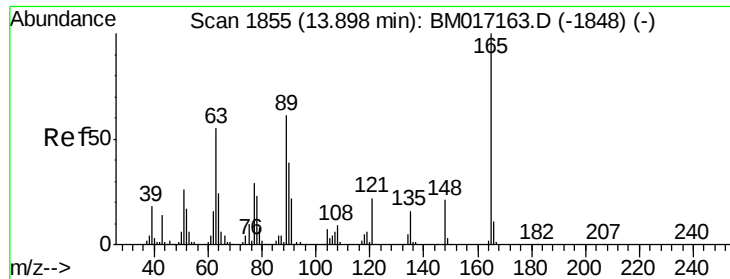
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

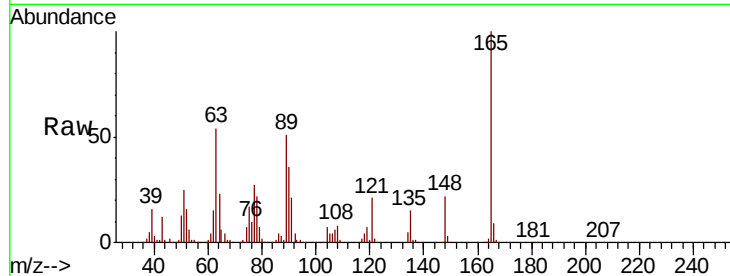




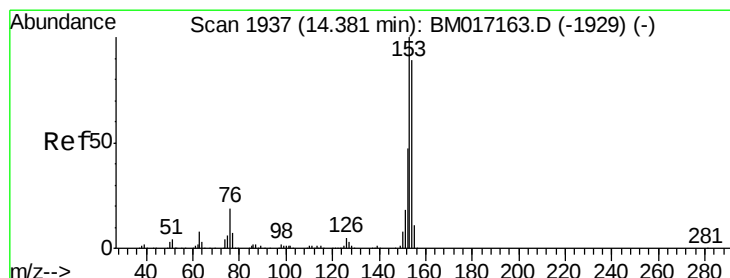
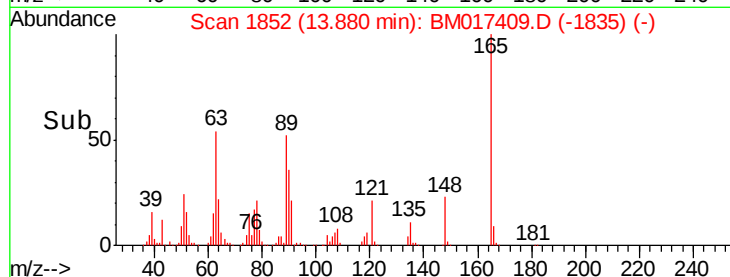
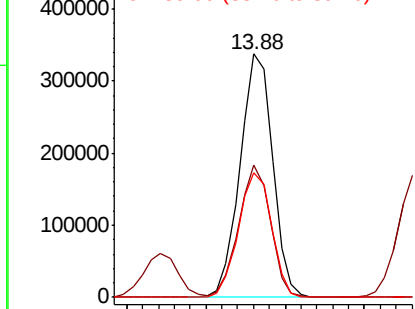
#51
 2,6-Dinitrotoluene
 Concen: 43.597 ng
 RT: 13.88 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 482049
 Ion Ratio Lower Upper
 165 100
 63 54.2 42.7 64.1
 89 51.4 42.1 63.1

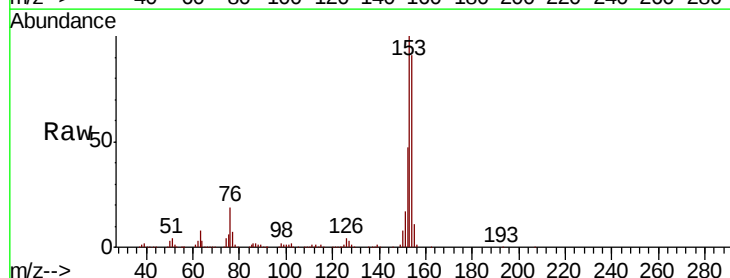


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM

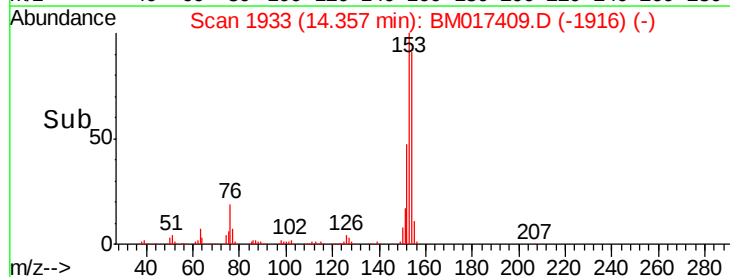
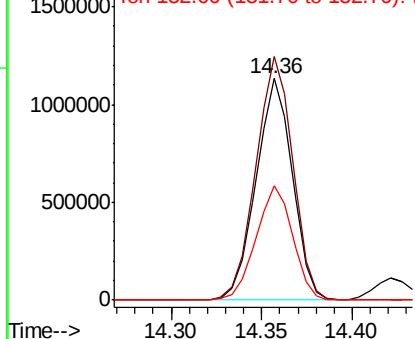


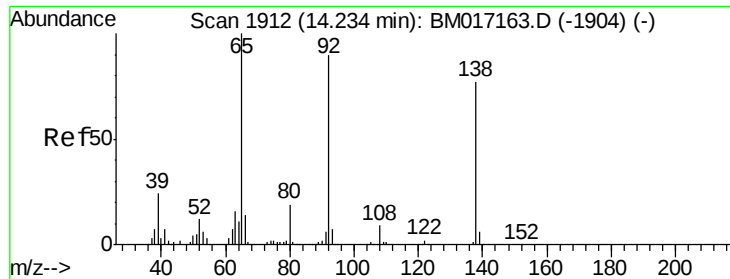
#52
 Acenaphthene
 Concen: 40.255 ng
 RT: 14.36 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

Tgt Ion:154 Resp: 1579298
 Ion Ratio Lower Upper
 154 100
 153 110.0 90.2 135.2
 152 51.6 44.2 66.4



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: 44.751 ng

RT: 14.22 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Instrument :

BNA_M

ClientSampleId :

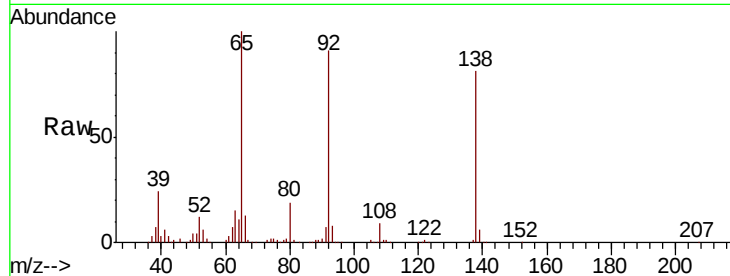
Tot Ion:138 Resp: 535899

Ion Ratio Lower Upper

138 100

108 10.9 8.7 13.1

92 112.8 87.9 131.9

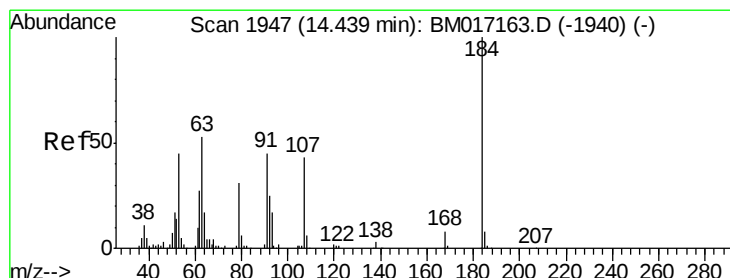
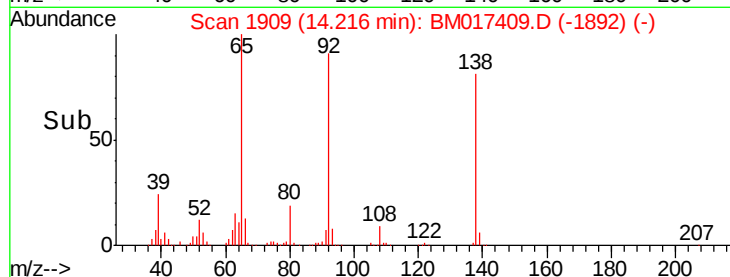
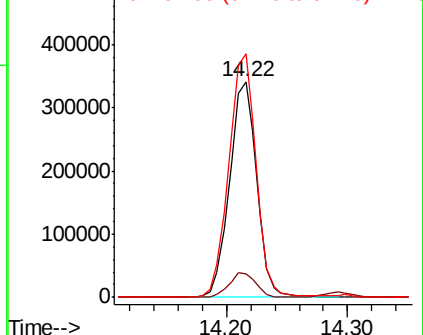


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 45.367 ng

RT: 14.42 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

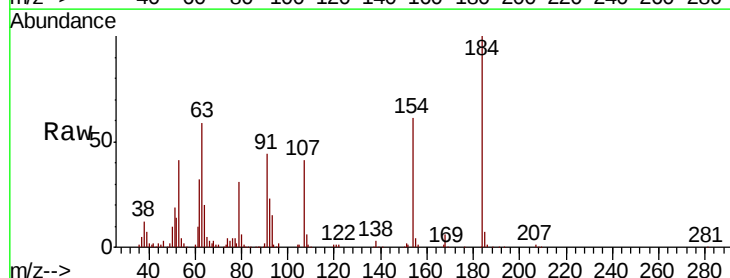
Tgt Ion:184 Resp: 268530

Ion Ratio Lower Upper

184 100

63 59.4 51.2 76.8

154 61.2 47.8 71.8

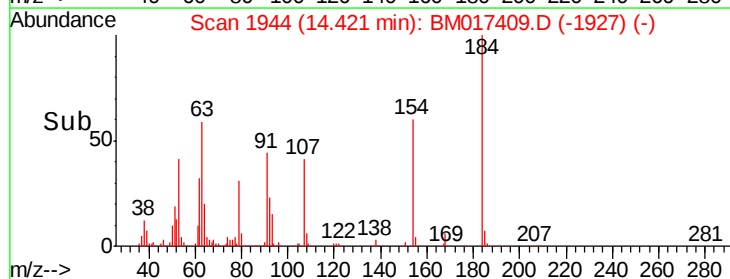
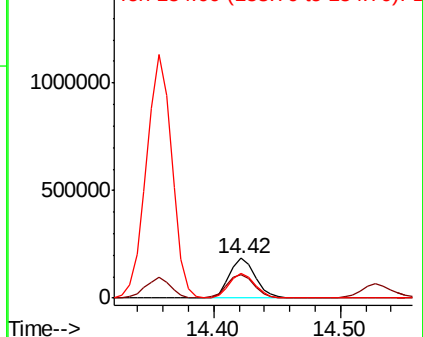


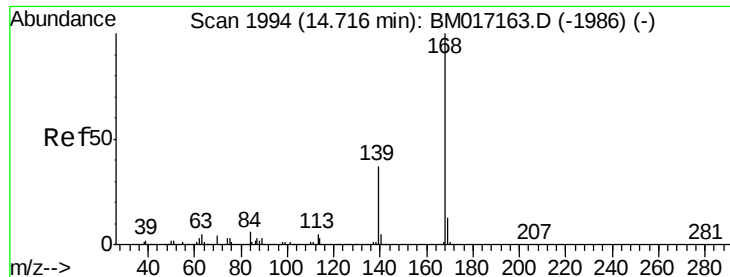
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

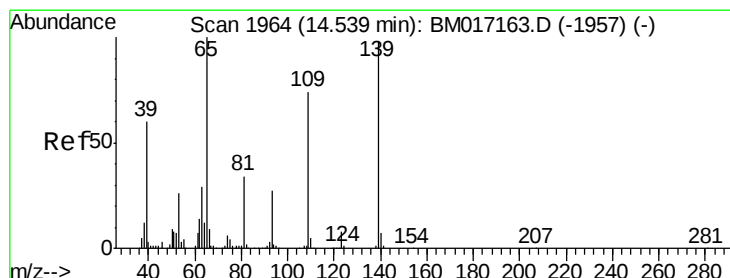
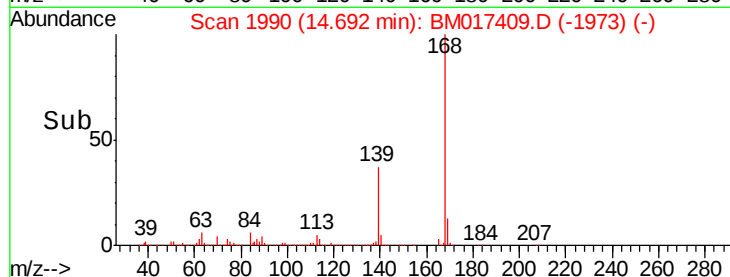
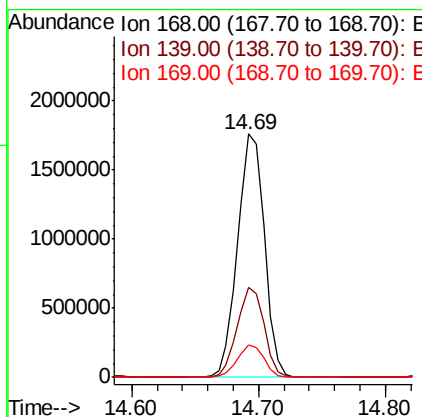
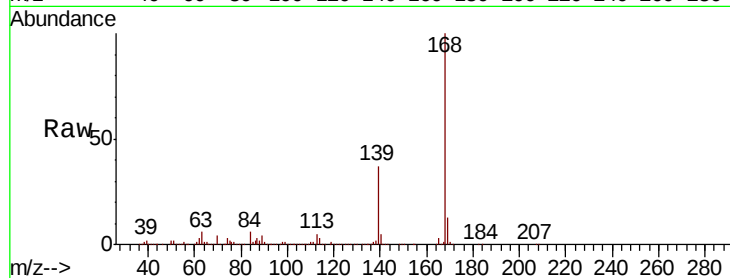




#55
Dibenzofuran
Concen: 39.557 ng
RT: 14.69 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

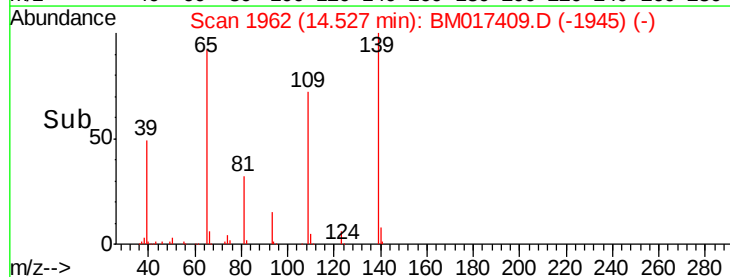
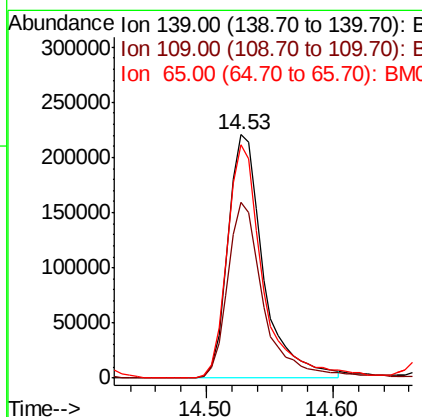
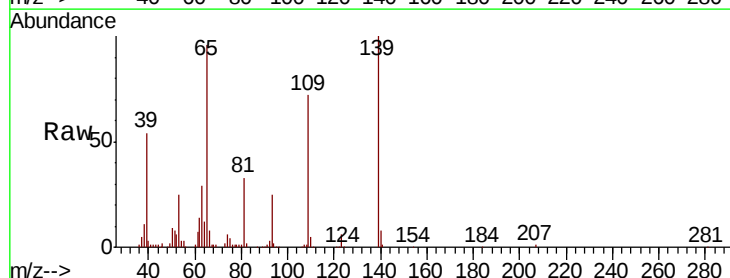
Instrument :
BNA_M
ClientSampleId :

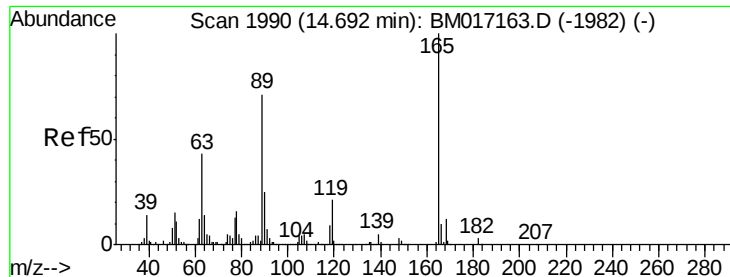
Tot Ion:168 Resp: 2580805
Ion Ratio Lower Upper
168 100
139 37.1 29.3 43.9
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 41.522 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion:139 Resp: 426860
Ion Ratio Lower Upper
139 100
109 72.0 51.8 91.8
65 95.6 72.1 112.1

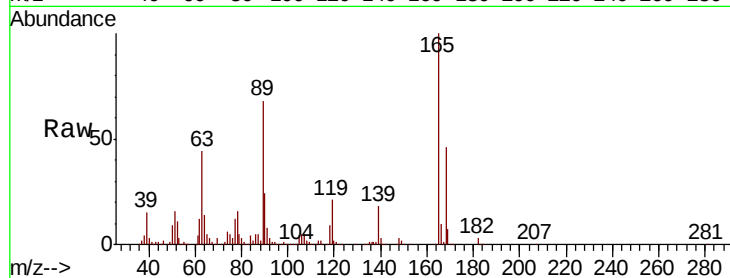




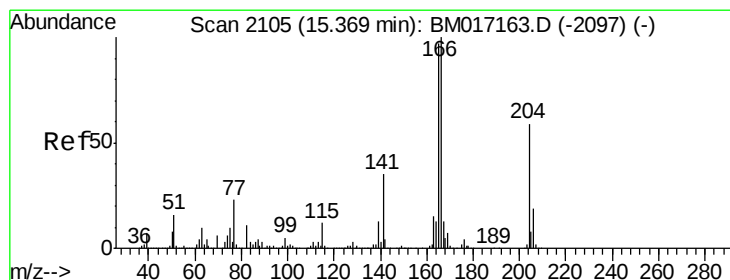
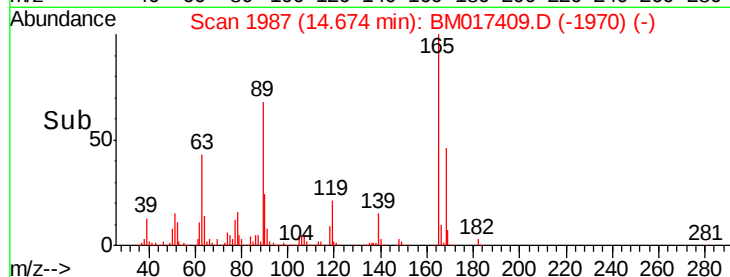
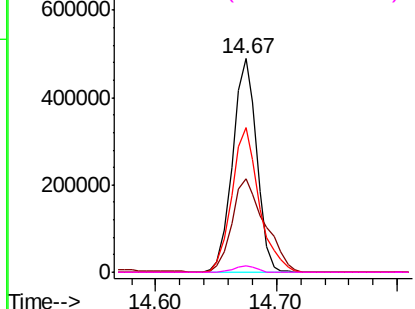
#57
2,4-Dinitrotoluene
Concen: 45.806 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 680714
Ion Ratio Lower Upper
165 100
63 43.9 33.8 50.8
89 67.8 53.1 79.7
182 3.2 2.0 3.0#

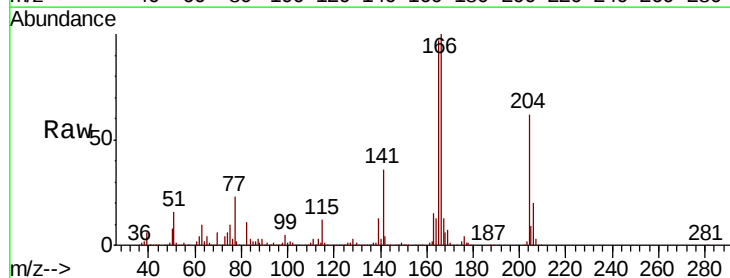


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

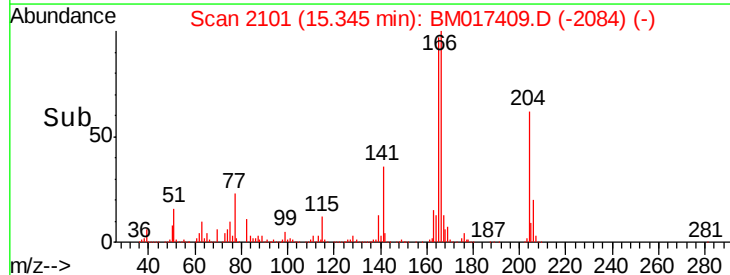
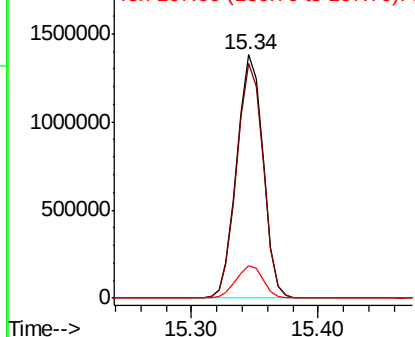


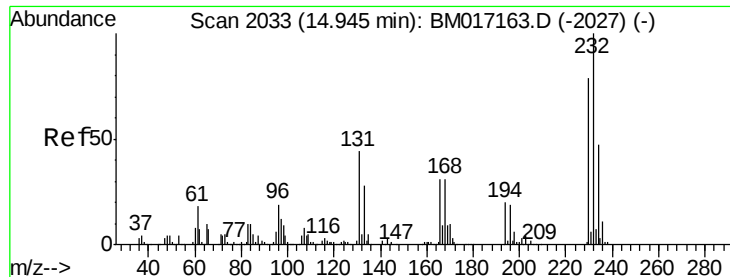
#58
Fluorene
Concen: 41.074 ng
RT: 15.34 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion:166 Resp: 1983517
Ion Ratio Lower Upper
166 100
165 96.6 78.1 117.1
167 13.5 10.6 16.0



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

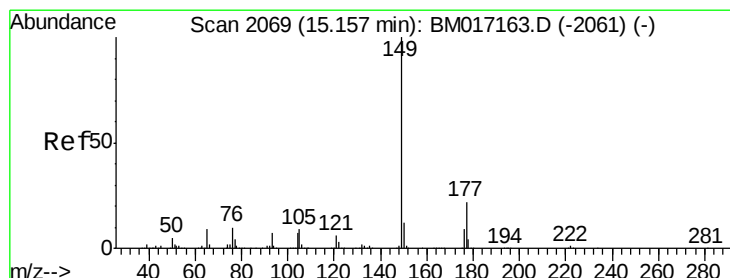
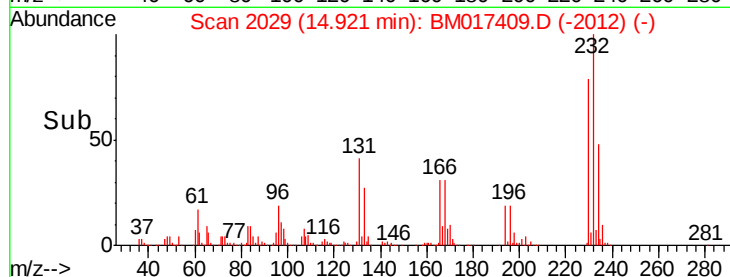
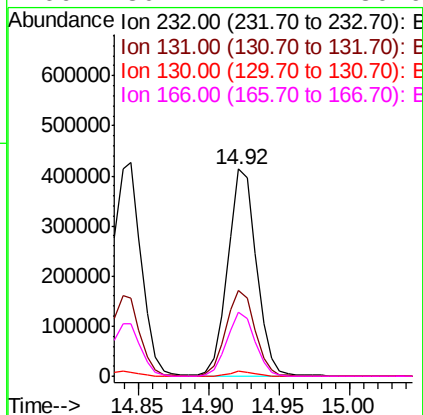
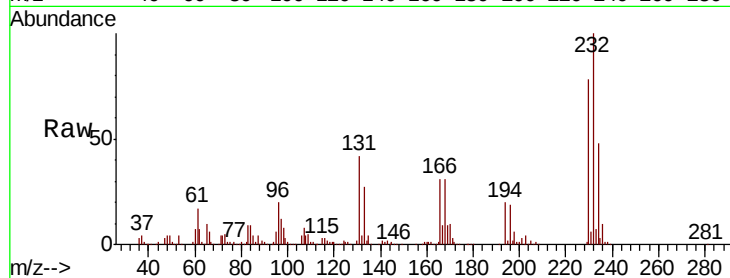




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.802 ng
RT: 14.92 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

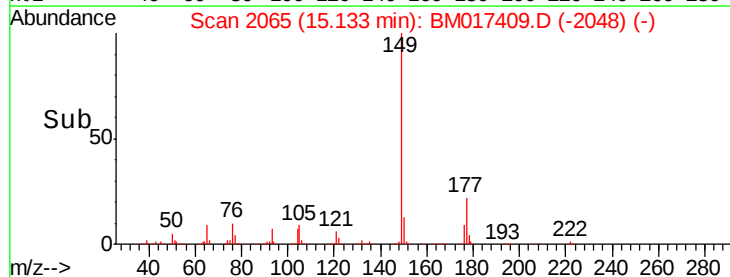
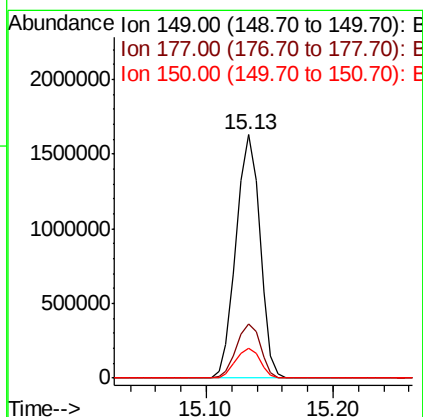
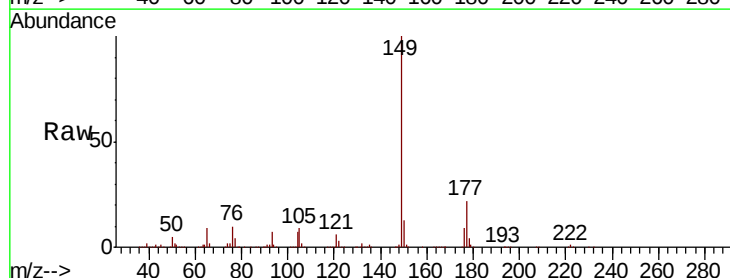
Instrument :
BNA_M
ClientSampleId :

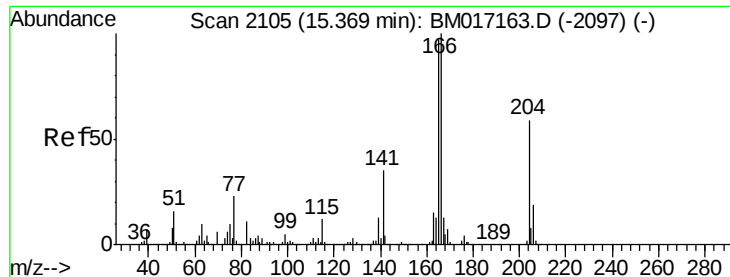
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.1	49.7
130	2.1	1.7	2.5
166	30.7	24.4	36.6



#60
Diethylphthalate
Concen: 42.761 ng
RT: 15.13 min Scan# 2065
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.7	26.5
150	12.5	10.0	15.0

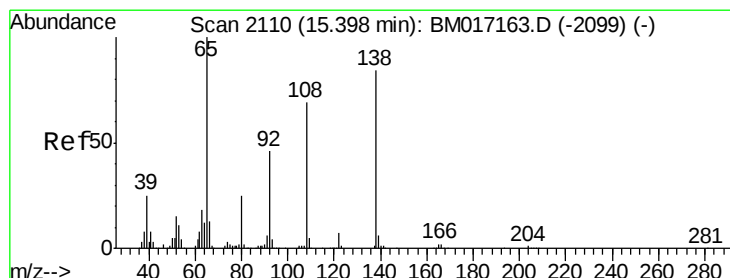
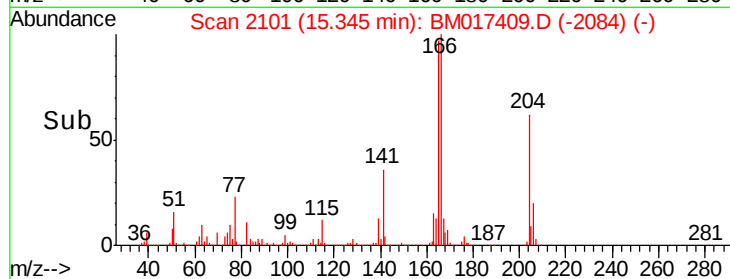
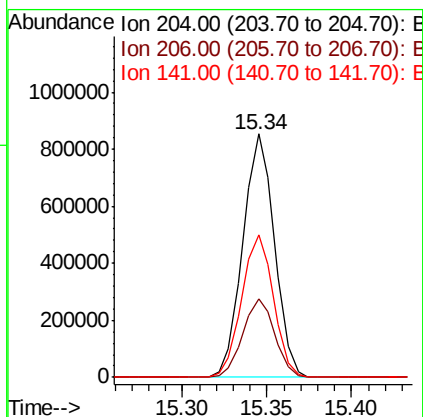
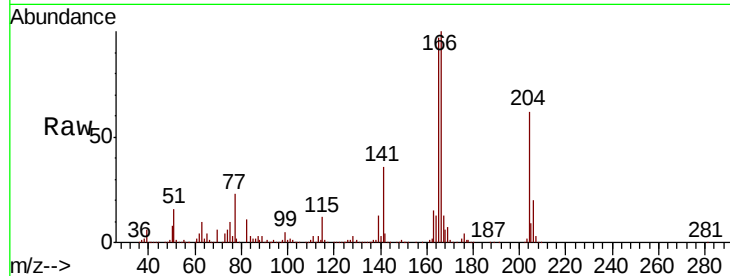




#61
 4-Chlorophenyl-phenylether
 Concen: 40.531 ng
 RT: 15.34 min Scan# 2101
 Delta R.T. -0.00 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

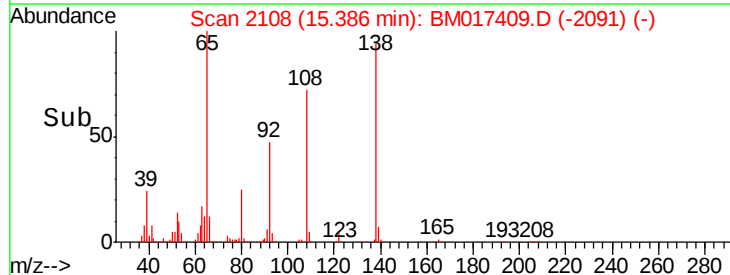
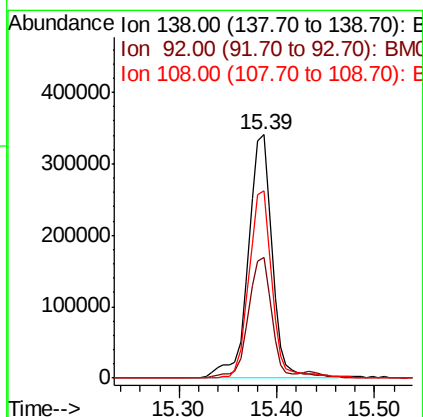
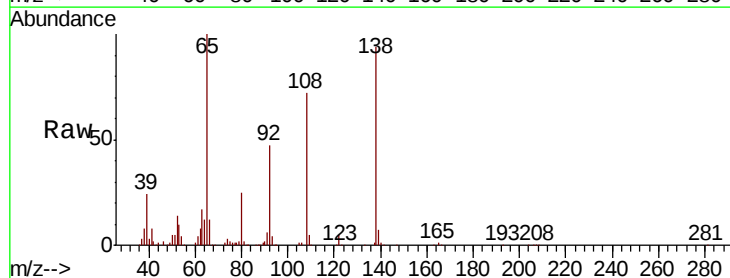
Instrument :
 BNA_M
 ClientSampleId :

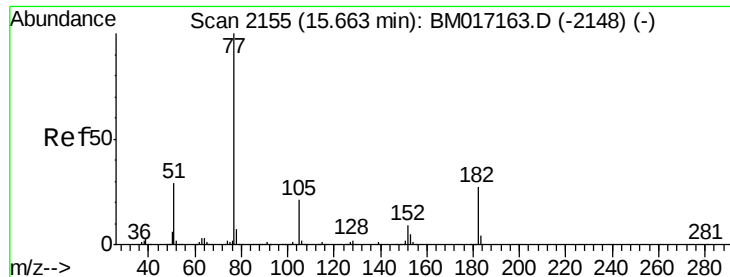
Tot Ion:204 Resp: 1115829
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.1 39.1
 141 58.6 45.4 68.2



#62
 4-Nitroaniline
 Concen: 44.245 ng
 RT: 15.39 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

Tgt Ion:138 Resp: 585779
 Ion Ratio Lower Upper
 138 100
 92 49.8 31.2 71.2
 108 76.9 55.5 95.5





#63

Azobenzene

Concen: 40.984 ng

RT: 15.64 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1984612

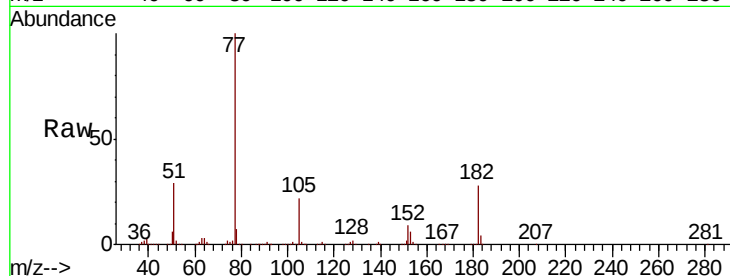
Ion	Ratio	Lower	Upper
77	100		
182	27.7	8.3	48.3
105	21.8	1.5	41.5
51	28.8	8.8	48.8

77 100

182 27.7 8.3 48.3

105 21.8 1.5 41.5

51 28.8 8.8 48.8

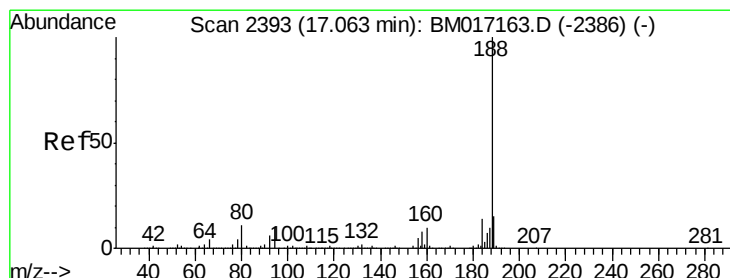
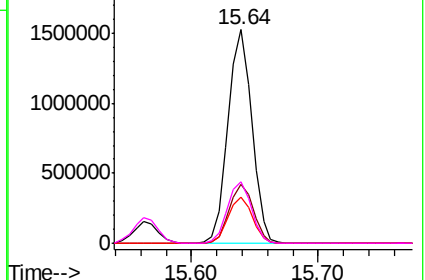
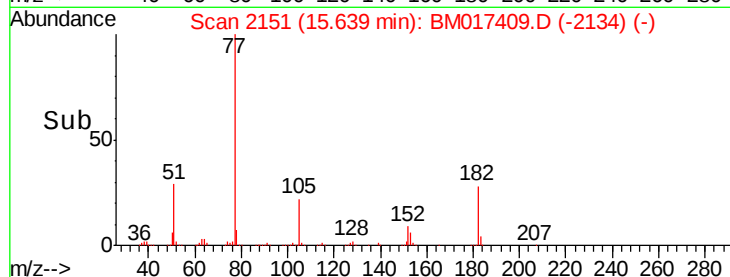


Abundance Ion 77.00 (76.70 to 77.70): BM017409.D (-2134) (-)

Ion 182.00 (181.70 to 182.70): BM017409.D (-2134) (-)

Ion 105.00 (104.70 to 105.70): BM017409.D (-2134) (-)

Ion 51.00 (50.70 to 51.70): BM017409.D (-2134) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

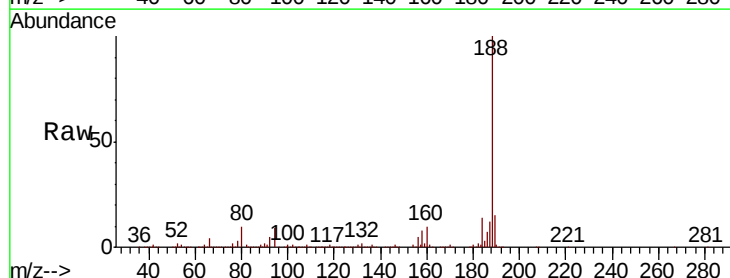
Tgt Ion: 188 Resp: 1560483

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.4
80	10.0	7.7	11.5

188 100

94 9.3 7.0 10.4

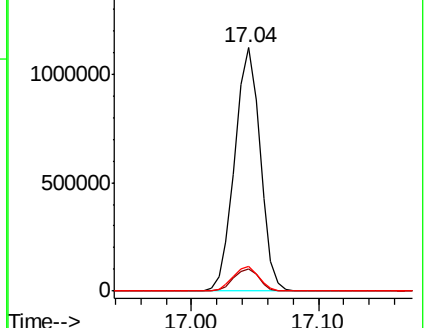
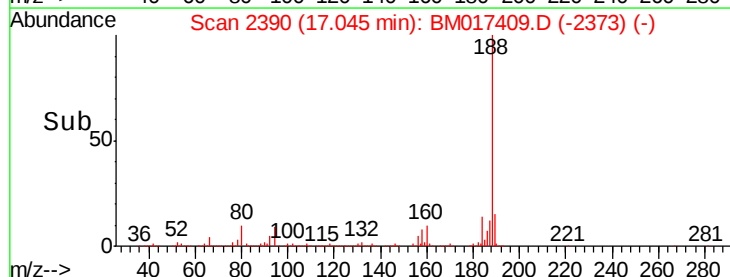
80 10.0 7.7 11.5

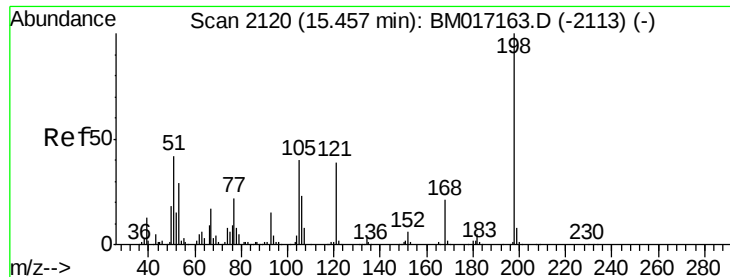


Abundance Ion 188.00 (187.70 to 188.70): BM017409.D (-2373) (-)

Ion 94.00 (93.70 to 94.70): BM017409.D (-2373) (-)

Ion 80.00 (79.70 to 80.70): BM017409.D (-2373) (-)

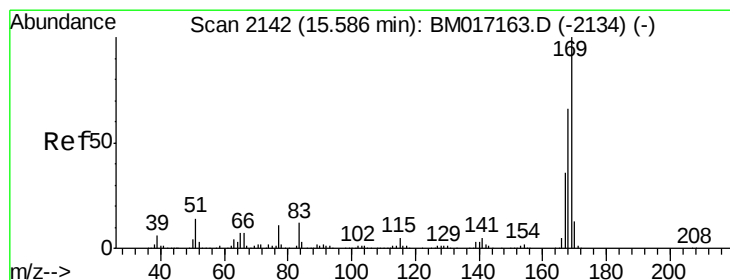
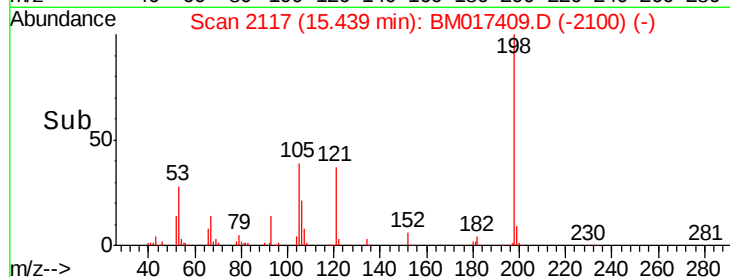
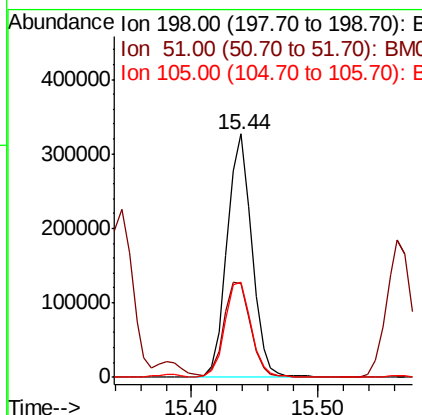
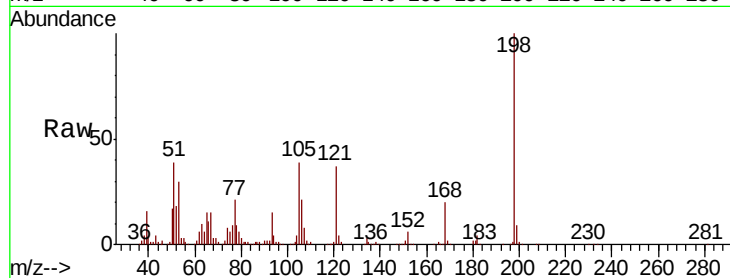




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.699 ng
 RT: 15.44 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

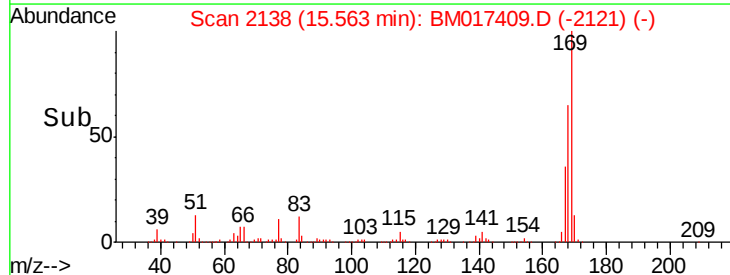
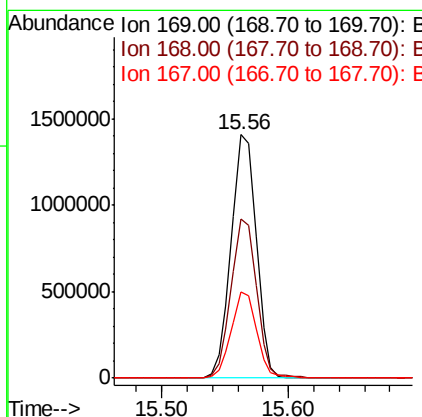
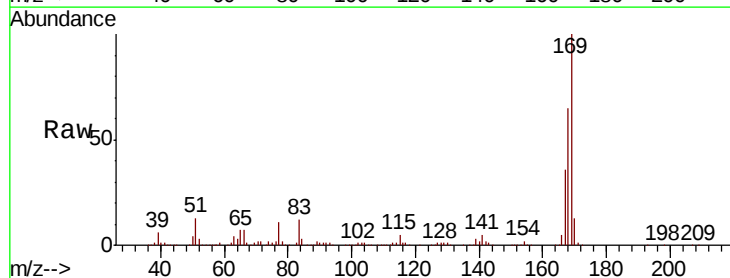
Instrument :
 BNA_M
 ClientSampleId :

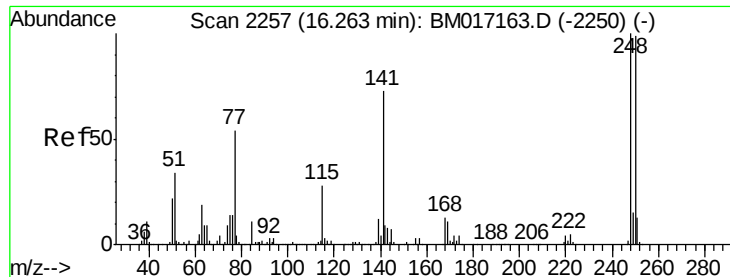
Tot Ion:198 Resp: 442270
 Ion Ratio Lower Upper
 198 100
 51 38.6 20.3 60.3
 105 39.2 21.9 61.9



#66
 n-Nitrosodiphenylamine
 Concen: 41.052 ng
 RT: 15.56 min Scan# 2138
 Delta R.T. -0.00 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

Tgt Ion:169 Resp: 1938164
 Ion Ratio Lower Upper
 169 100
 168 65.4 52.2 78.4
 167 35.6 28.4 42.6





#67

4-Bromophenyl-phenylether

Concen: 41.709 ng

RT: 16.24 min Scan# 2253

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

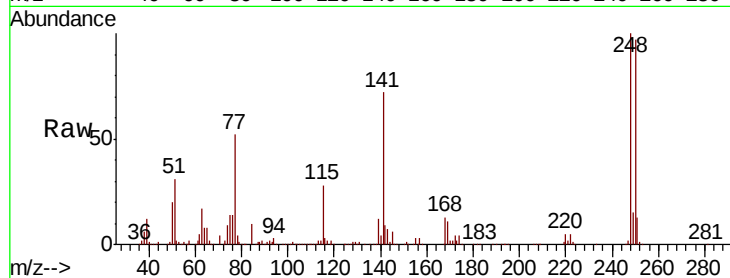
Instrument :

BNA_M

ClientSampleId :

Tot Ion:248 Resp: 714654

Ion	Ratio	Lower	Upper
248	100		
250	97.4	75.1	112.7
141	72.2	55.6	83.4

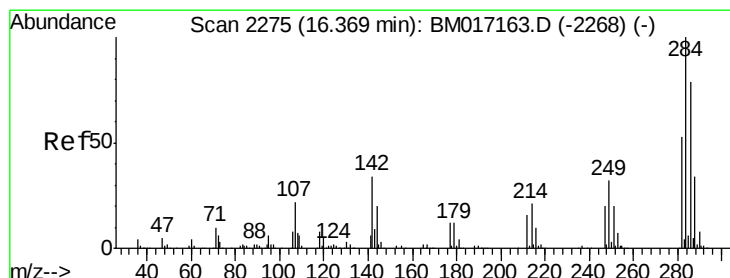
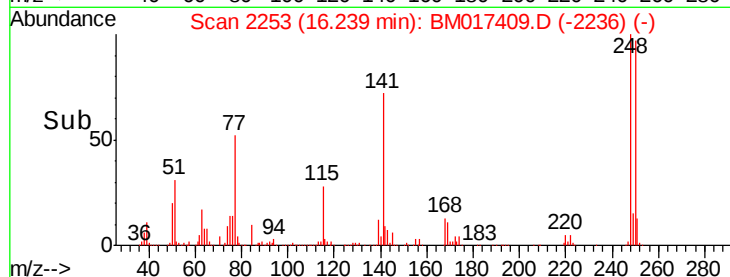
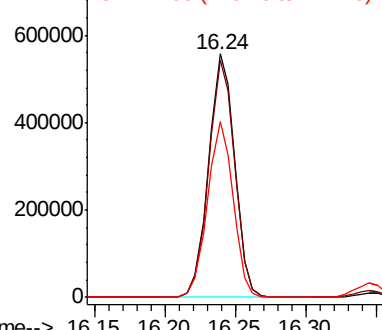


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.418 ng

RT: 16.34 min Scan# 2271

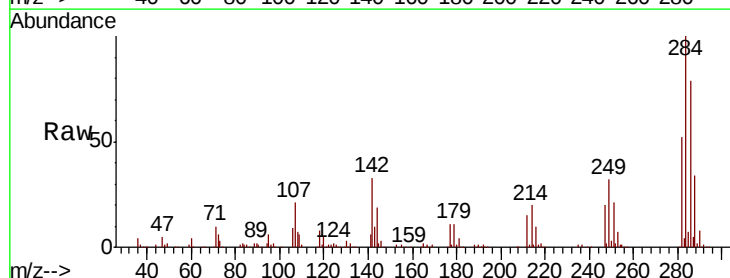
Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Tgt Ion:284 Resp: 804450

Ion	Ratio	Lower	Upper
284	100		
142	33.4	25.0	37.6
249	32.1	25.5	38.3

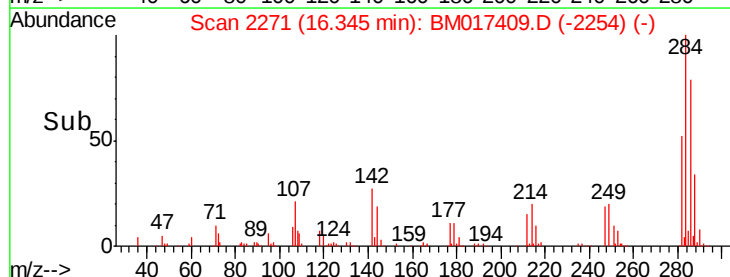
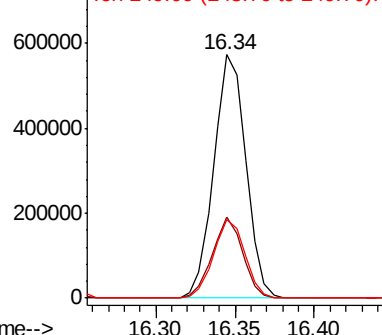


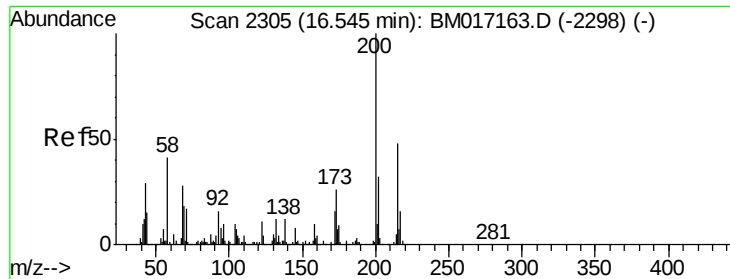
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

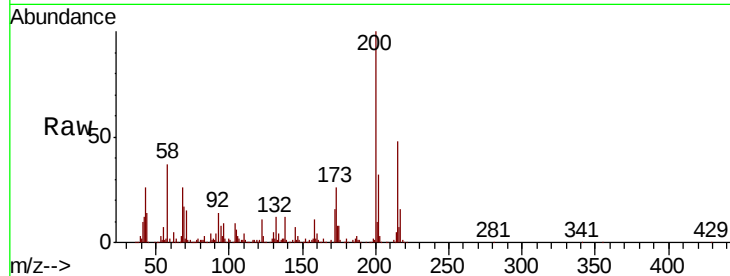




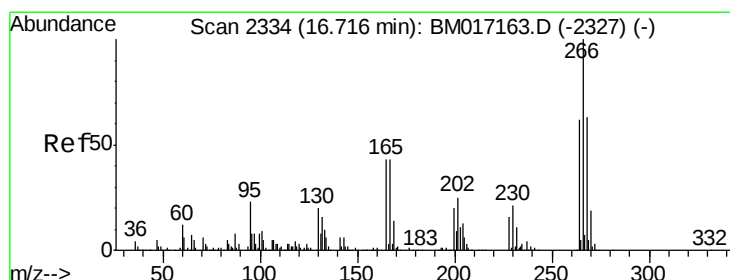
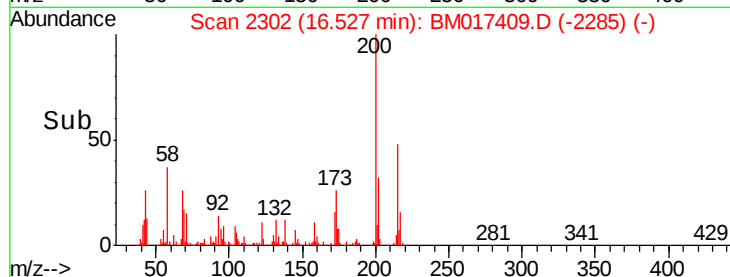
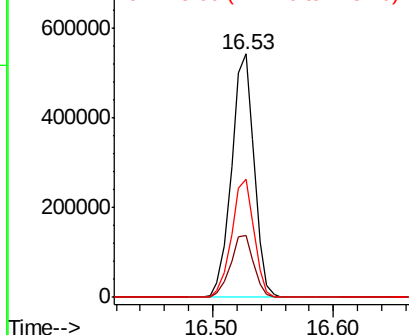
#69
Atrazine
Concen: 41.727 ng
RT: 16.53 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	7.0	47.0
215	48.3	27.3	67.3

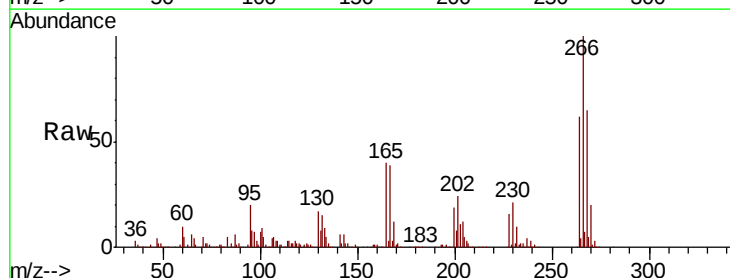


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

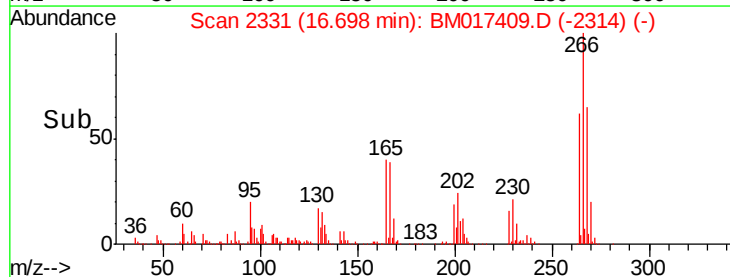
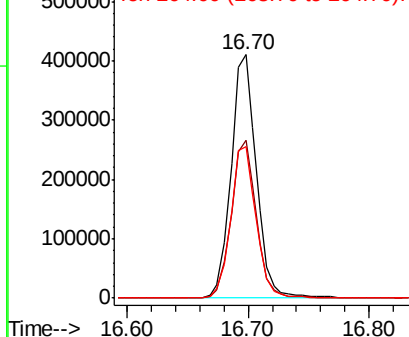


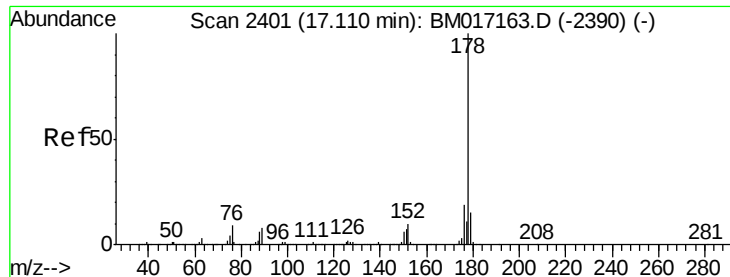
#70
Pentachlorophenol
Concen: 43.827 ng
RT: 16.70 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	50.7	76.1
264	62.4	50.4	75.6



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

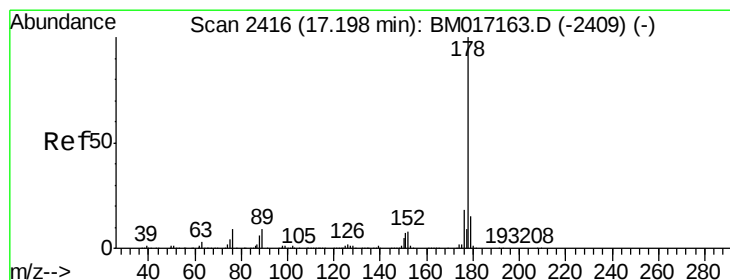
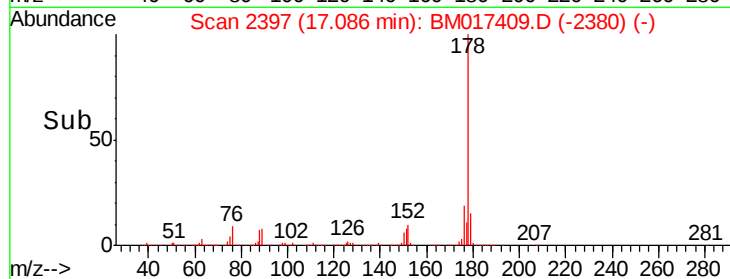
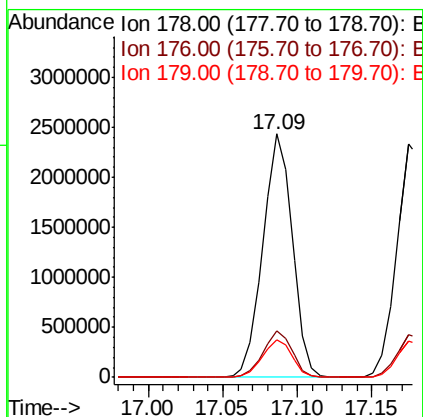
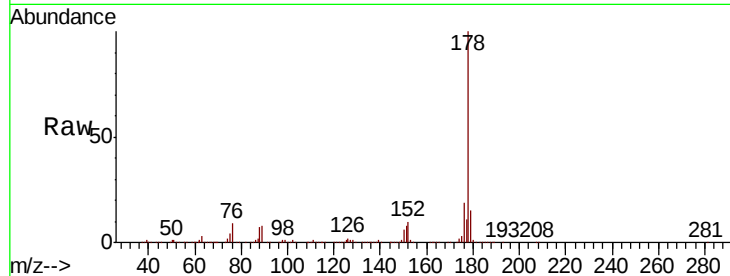




#71
Phenanthrene
Concen: 39.574 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

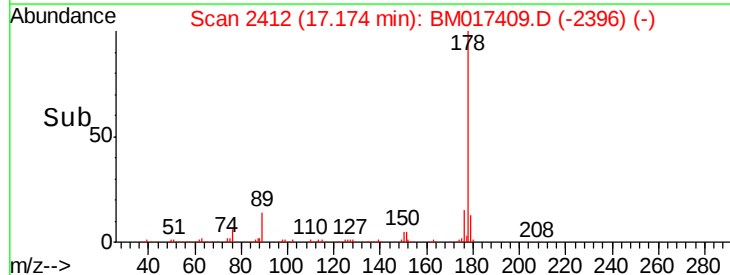
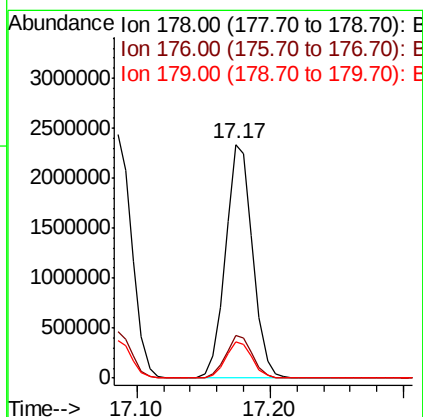
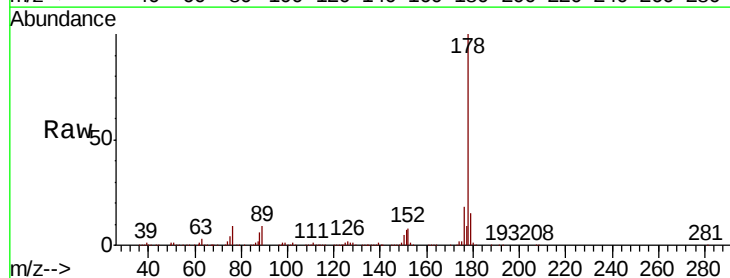
Instrument :
BNA_M
ClientSampleId :

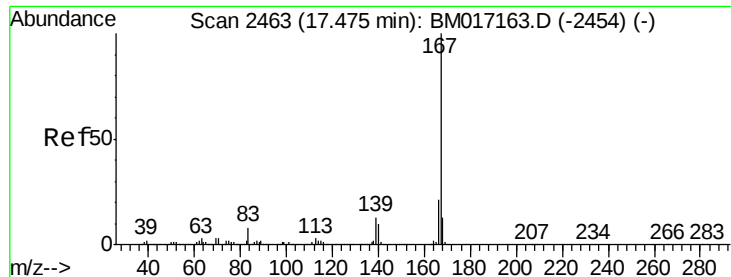
Tot Ion:178 Resp: 3331875
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.4 12.3 18.5



#72
Anthracene
Concen: 41.274 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion:178 Resp: 3301857
Ion Ratio Lower Upper
178 100
176 18.0 14.5 21.7
179 15.3 12.2 18.2



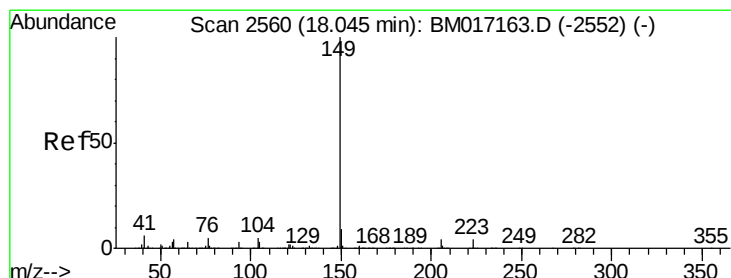
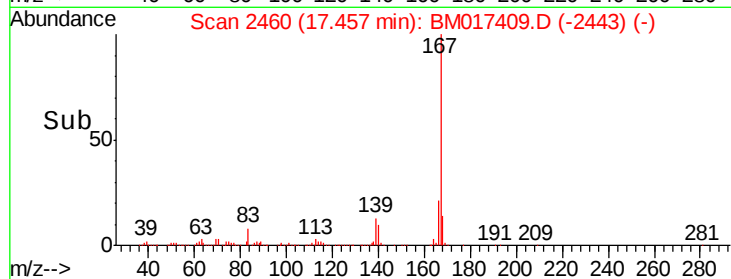
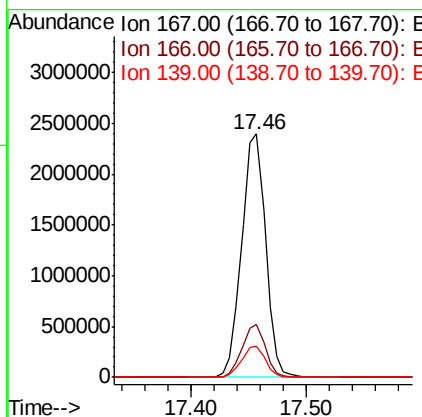
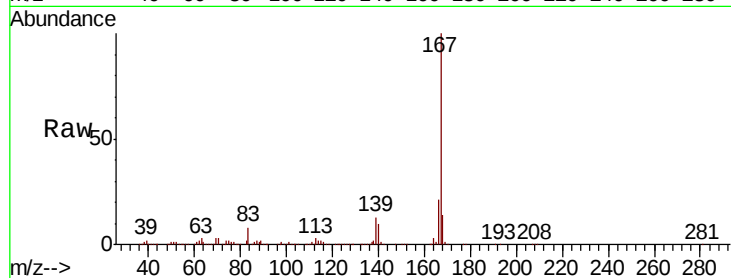


#73
 Carbazole
 Concen: 42.307 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 3457293

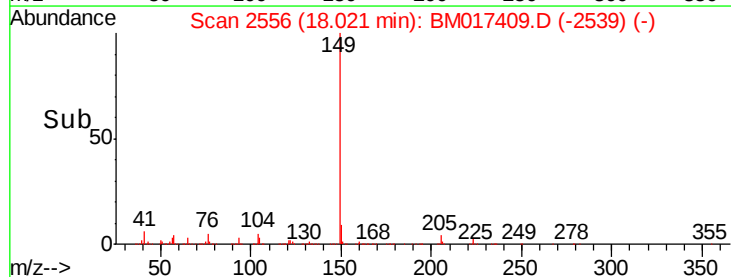
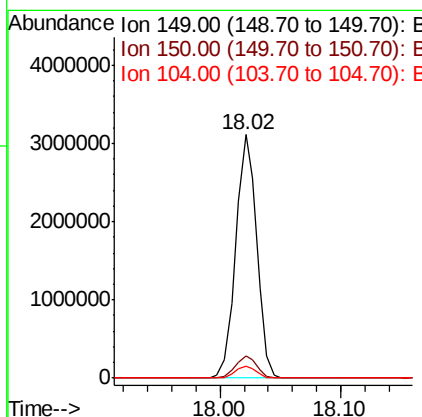
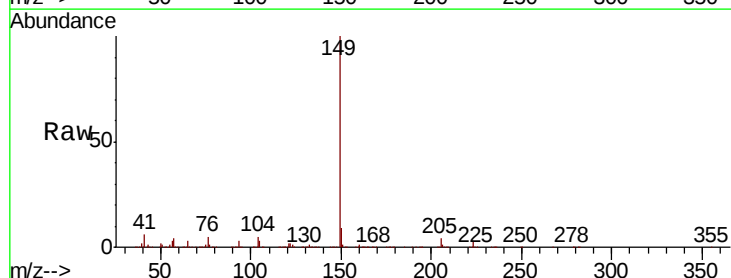
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.7	10.1	15.1

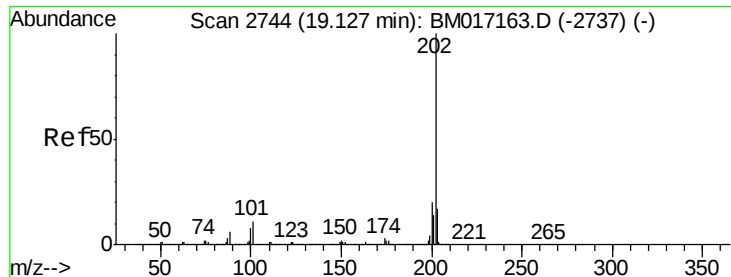


#74
 Di-n-butylphthalate
 Concen: 43.679 ng
 RT: 18.02 min Scan# 2556
 Delta R.T. -0.00 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

Tgt Ion:149 Resp: 3764746

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.8	4.3	6.5





#75

Fluoranthene

Concen: 42.586 ng

RT: 19.11 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Instrument :

BNA_M

ClientSampleId :

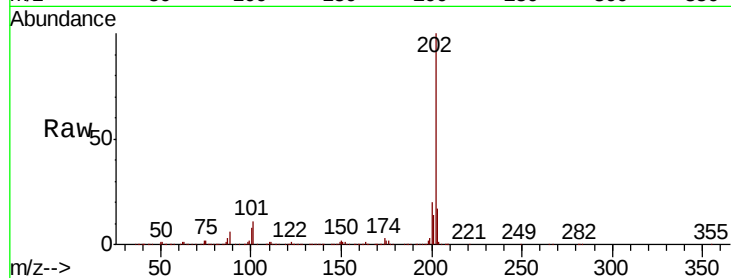
Tot Ion:202 Resp: 4034603

Ion Ratio Lower Upper

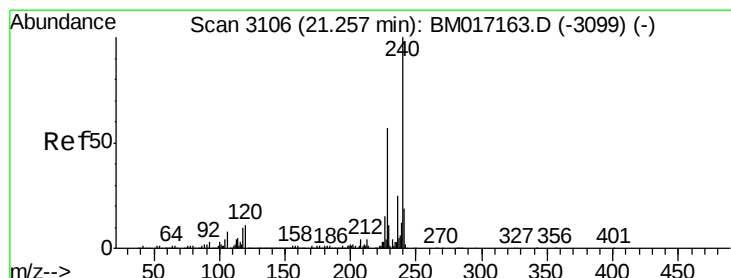
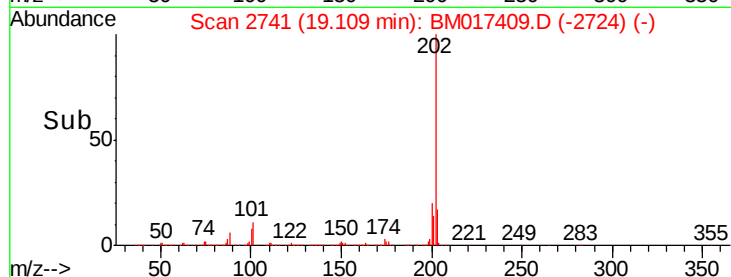
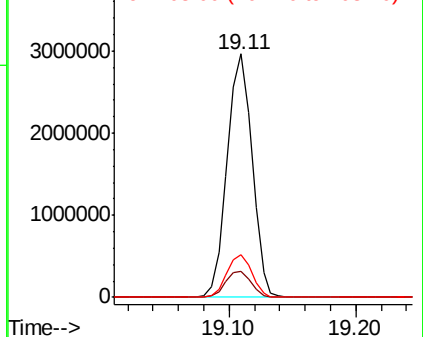
202 100

101 10.7 0.0 30.0

203 17.5 0.0 37.2



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: 21.24 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

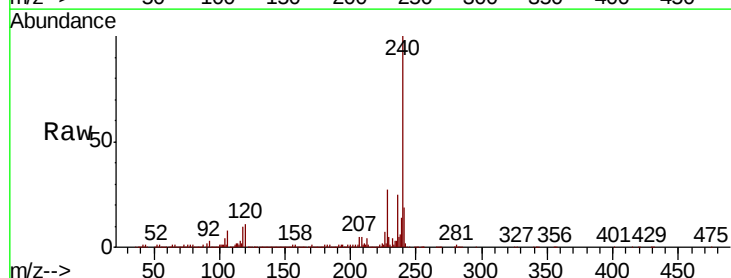
Tgt Ion:240 Resp: 1871031

Ion Ratio Lower Upper

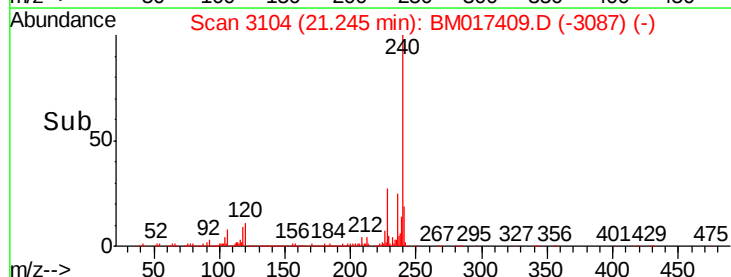
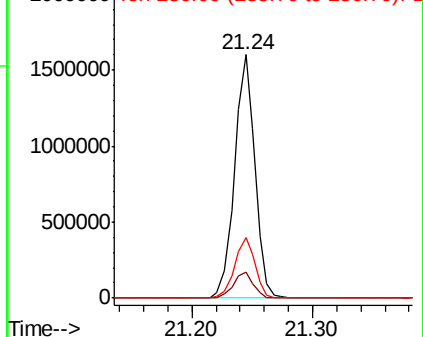
240 100

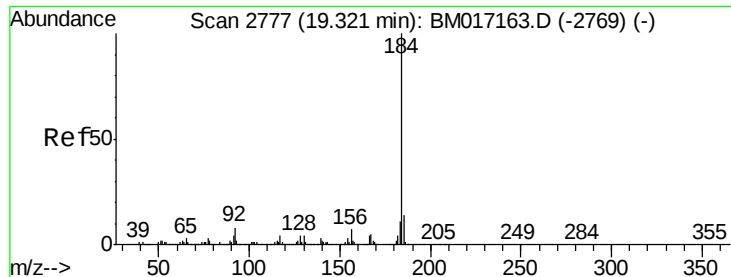
120 10.6 8.1 12.1

236 25.1 19.9 29.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.941 ng

RT: 19.30 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

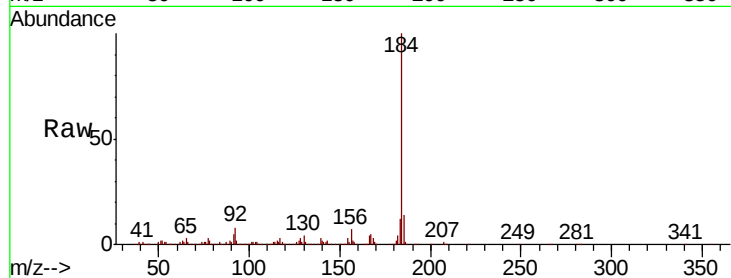
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1847477

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.8
183	11.7	9.7	14.5

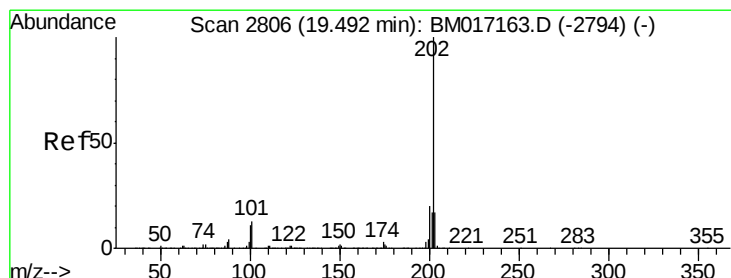
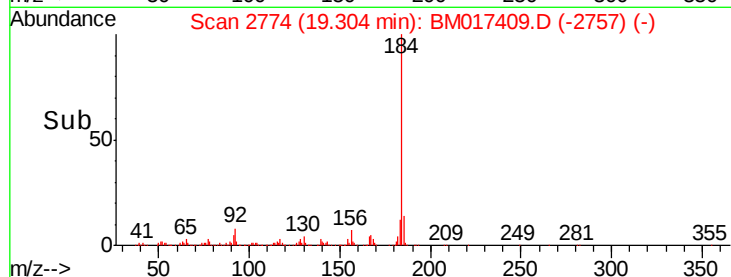
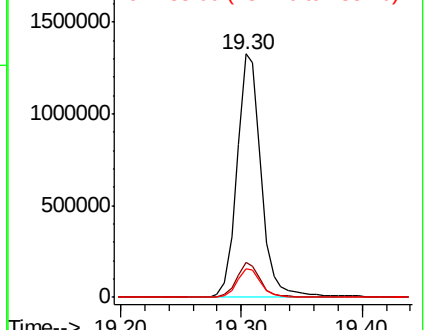


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.953 ng

RT: 19.47 min Scan# 2803

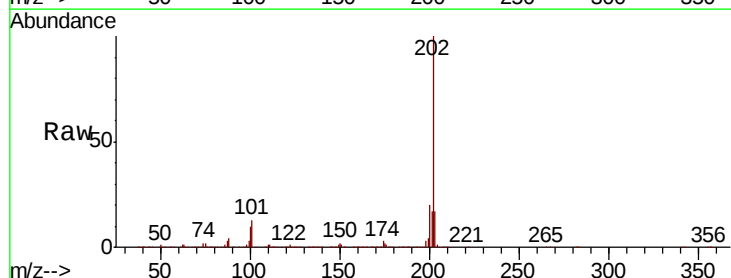
Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Tgt Ion:202 Resp: 4282590

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.3	24.5
203	17.4	13.9	20.9

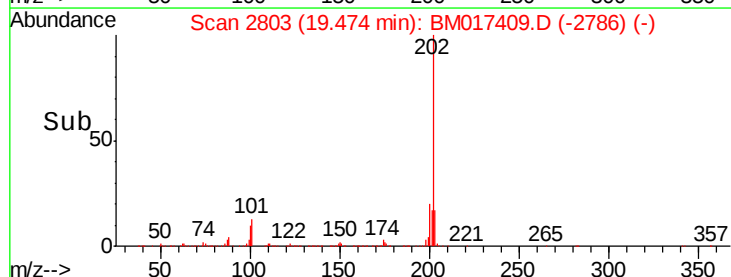
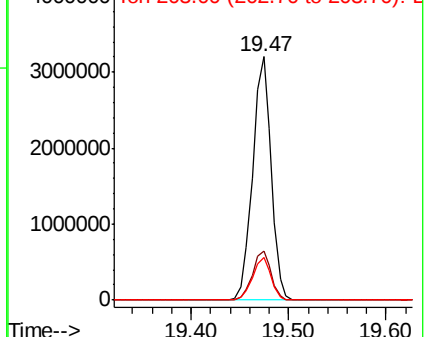


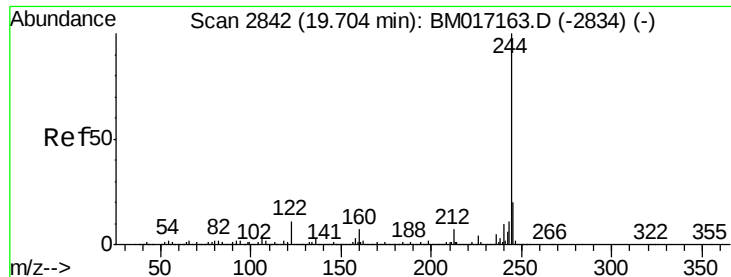
Abundance

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: 80.511 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Instrument :

BNA_M

ClientSampleId :

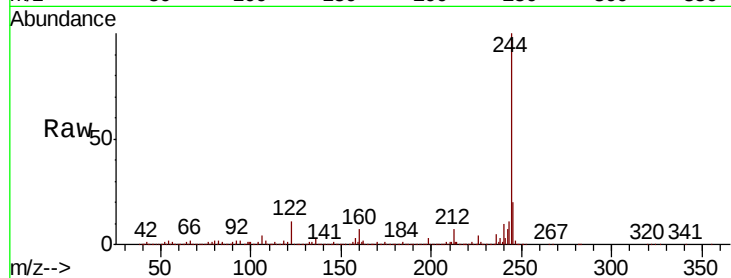
Tot Ion:244 Resp: 6683190

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

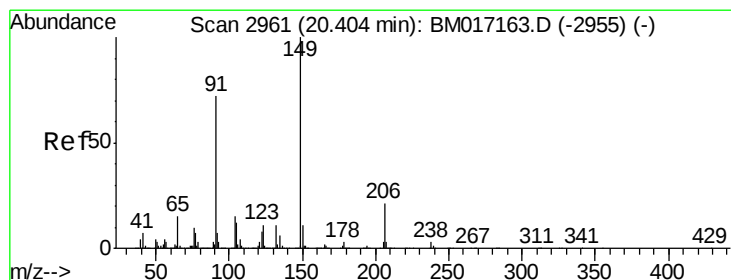
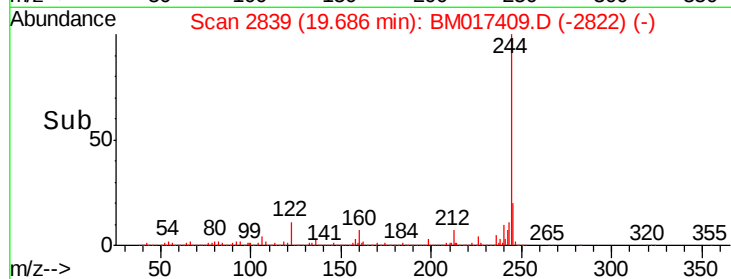
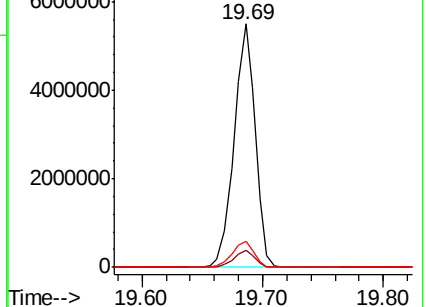
122 10.7 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.277 ng

RT: 20.39 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

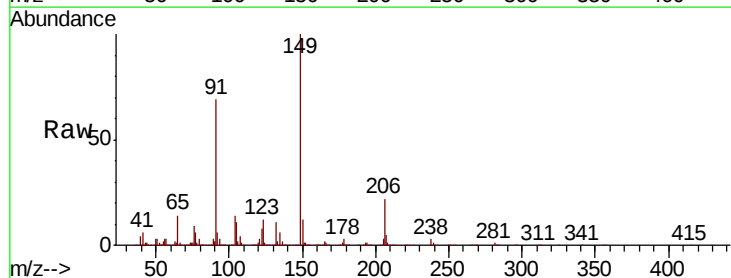
Tgt Ion:149 Resp: 1829460

Ion Ratio Lower Upper

149 100

91 69.1 51.3 76.9

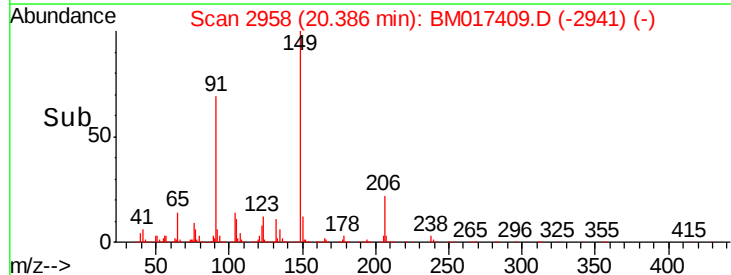
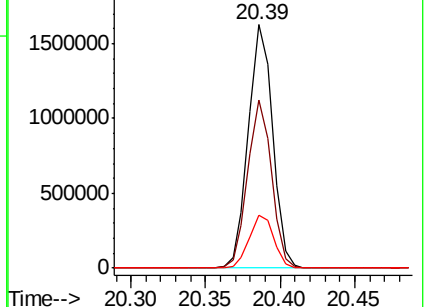
206 22.0 18.0 27.0

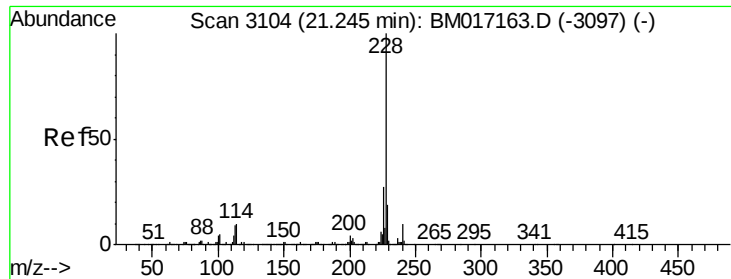


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.656 ng

RT: 21.23 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

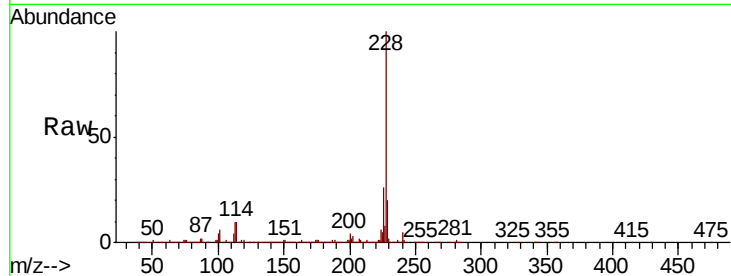
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 4280728

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.4	32.0
229	19.7	15.9	23.9

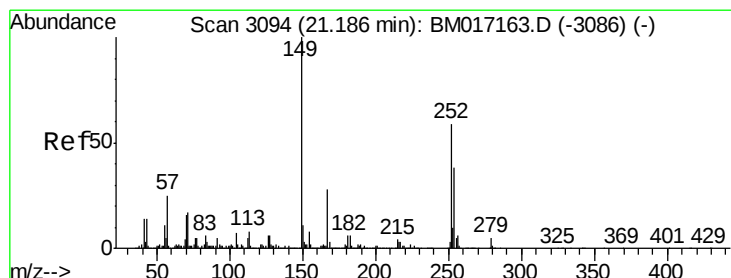
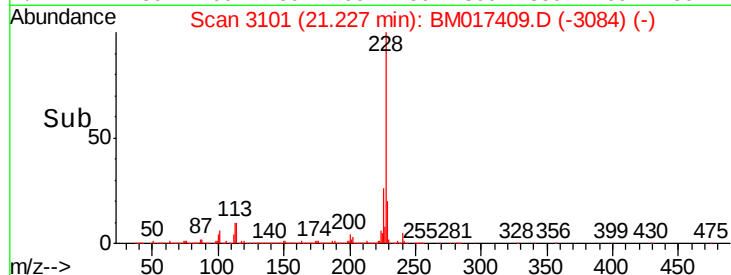
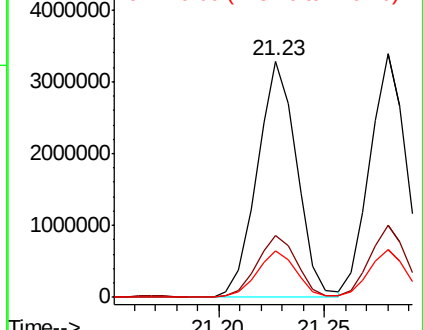


Abundance

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: 43.611 ng

RT: 21.17 min Scan# 3091

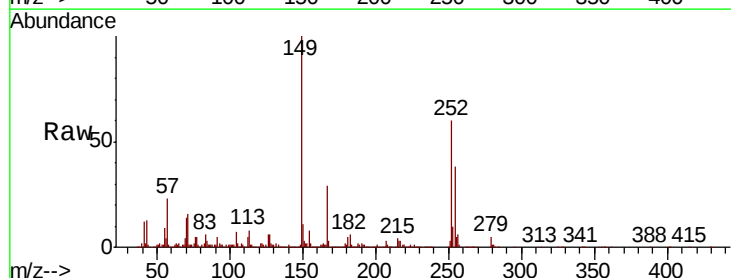
Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Tgt Ion:252 Resp: 1711383

Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.1	78.1
126	10.1	8.6	12.8

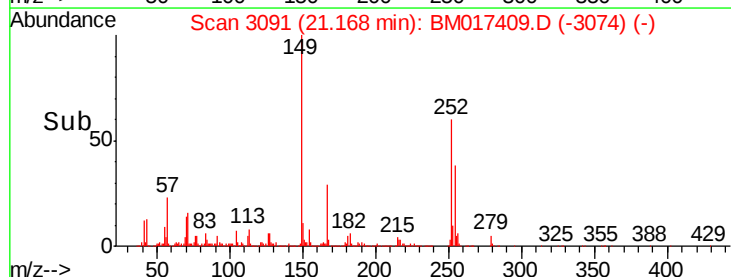
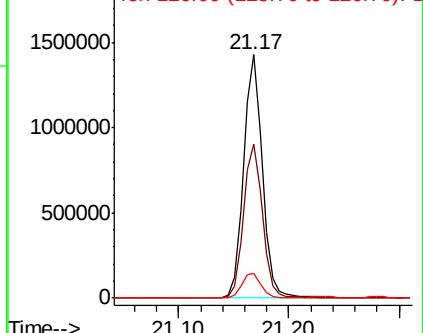


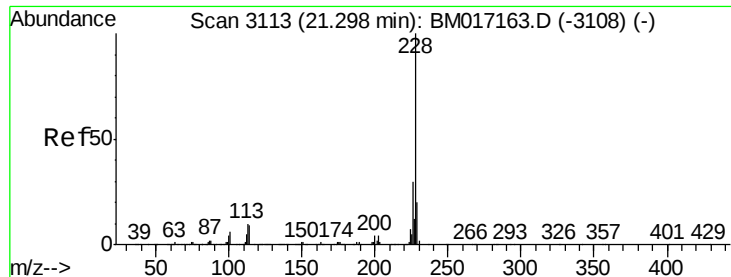
Abundance

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



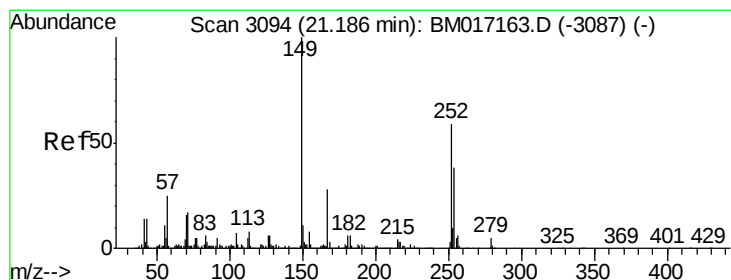
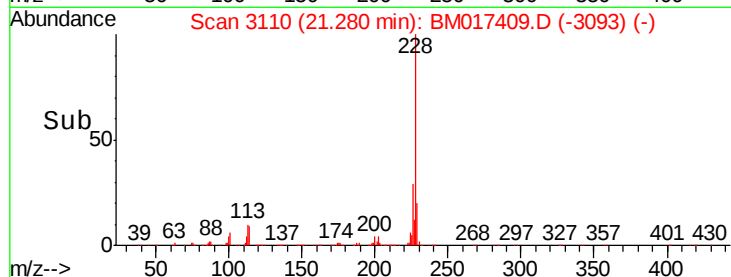
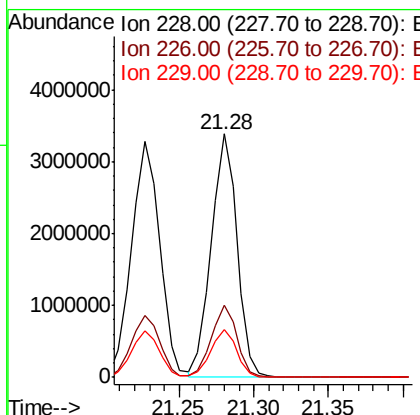
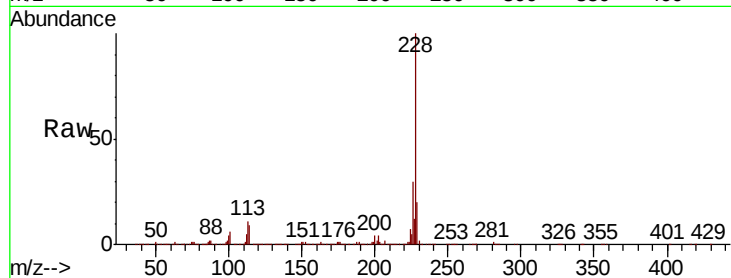


#83
 Chrvsene
 Concen: 39.102 ng
 RT: 21.28 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:228 Resp: 4075076

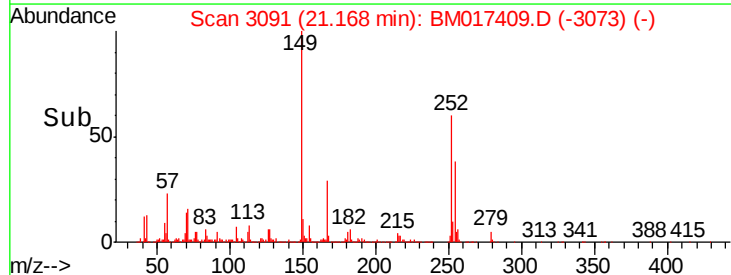
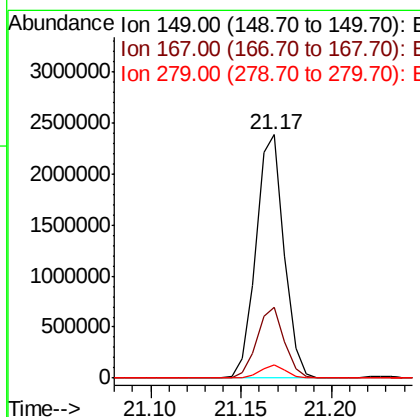
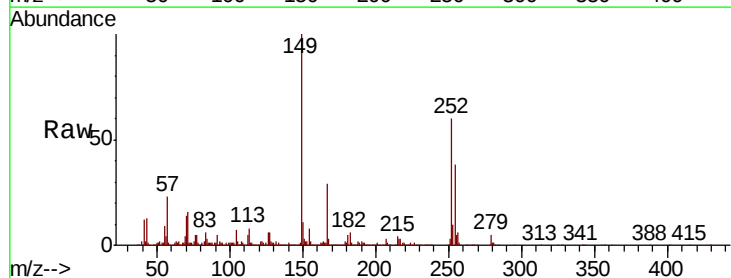
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.3	34.9
229	19.6	15.6	23.4

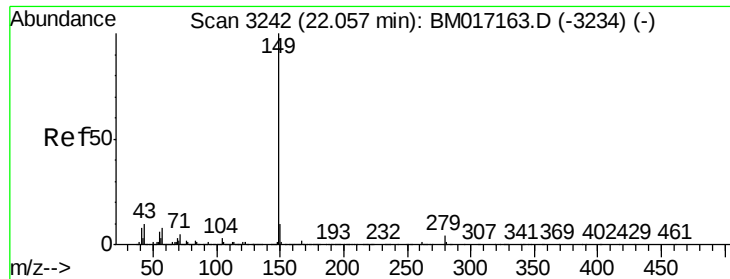


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.801 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. 0.01 min
 Lab File: BM017409.D
 Acq: 29 Oct 2018 15:52

Tgt Ion:149 Resp: 2566561

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.2	33.4
279	5.3	3.6	5.4

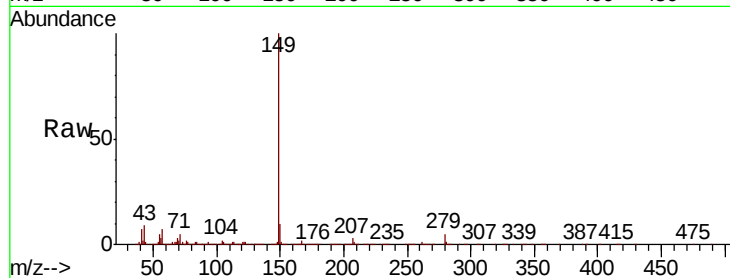




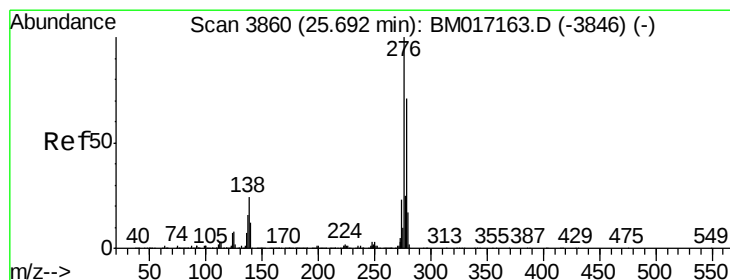
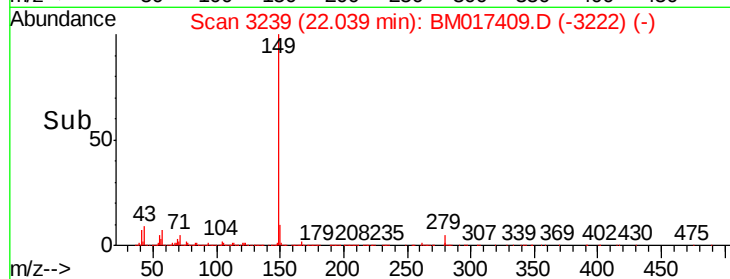
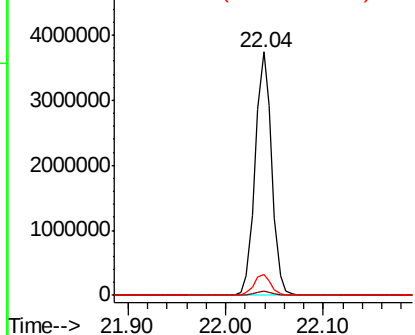
#85
Di-n-octyl phthalate
Concen: 43.979 ng
RT: 22.04 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 4481661
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.8 7.2 10.8

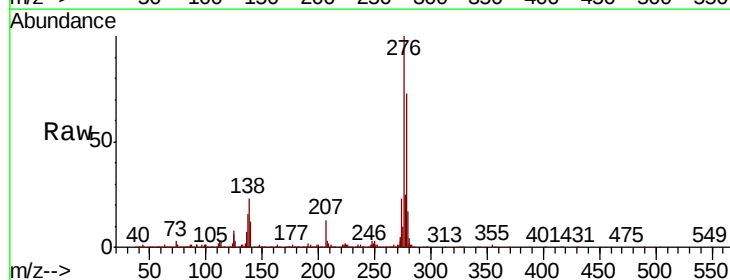


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

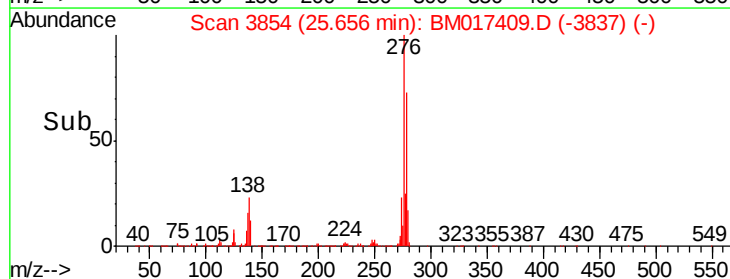
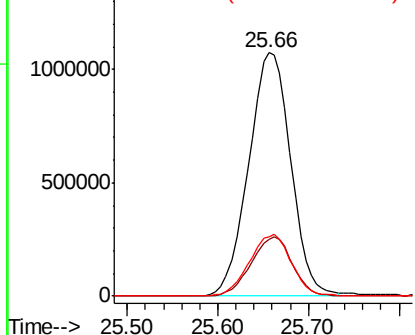


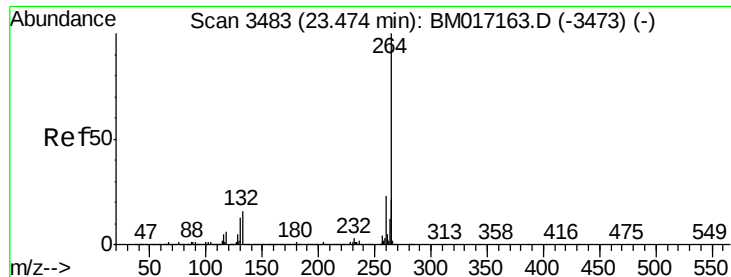
#86
Indeno(1,2,3-cd)pyrene
Concen: 29.713 ng
RT: 25.66 min Scan# 3854
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion:276 Resp: 3463503
Ion Ratio Lower Upper
276 100
138 23.9 19.5 29.3
277 25.2 20.1 30.1



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



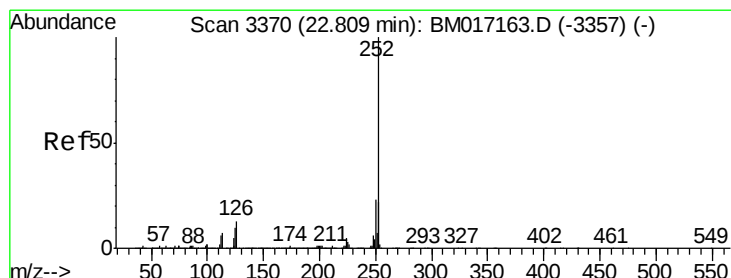
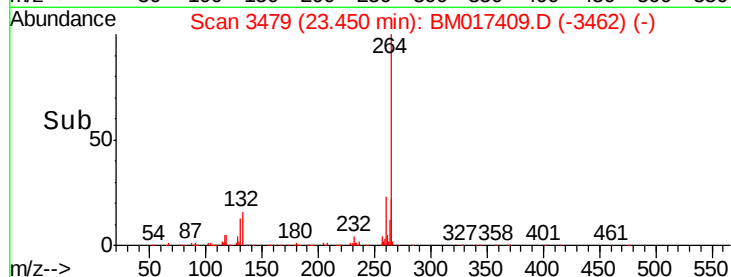
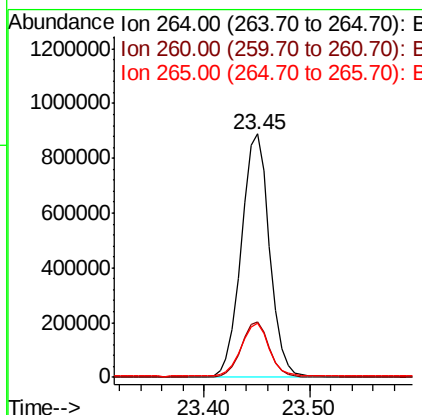
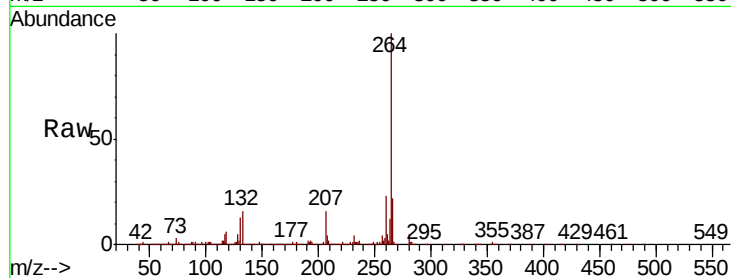


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.45 min Scan# 3479
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1657173

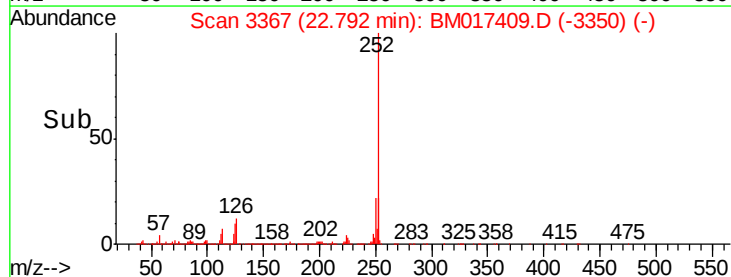
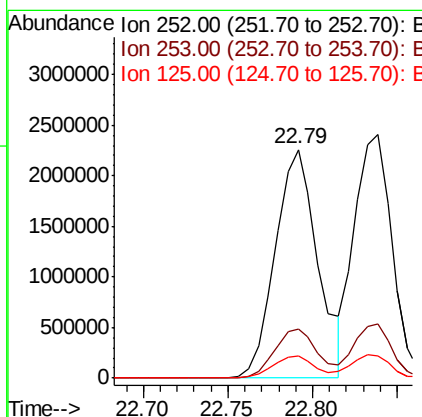
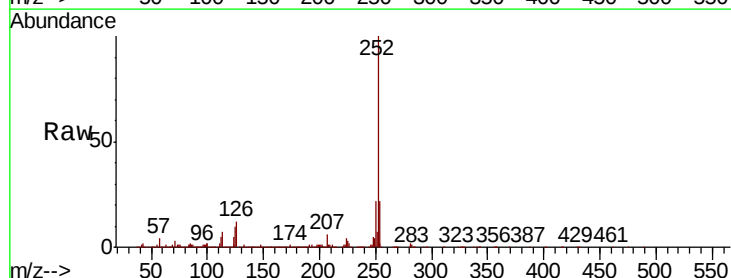
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	22.4	17.8	26.8

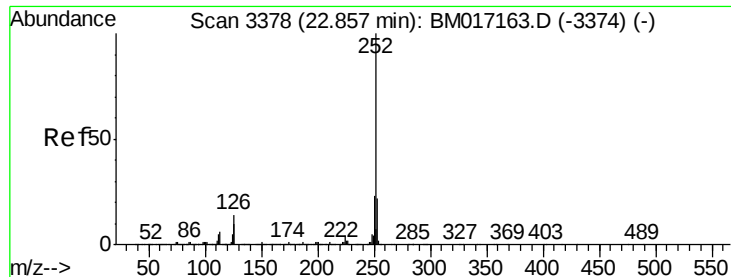


#88
Benzo(b)fluoranthene
Concen: 43.566 ng
RT: 22.79 min Scan# 3367
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion:252 Resp: 3947273

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	9.7	7.5	11.3

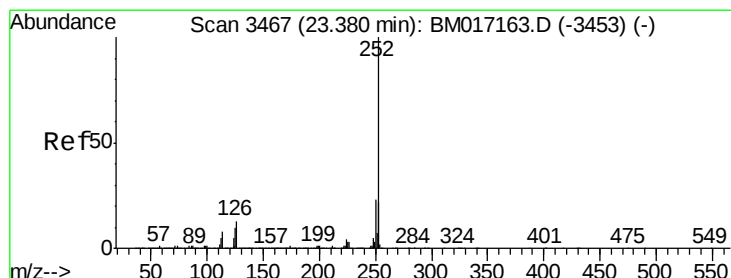
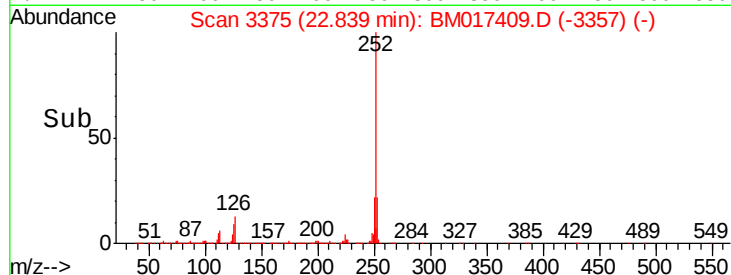
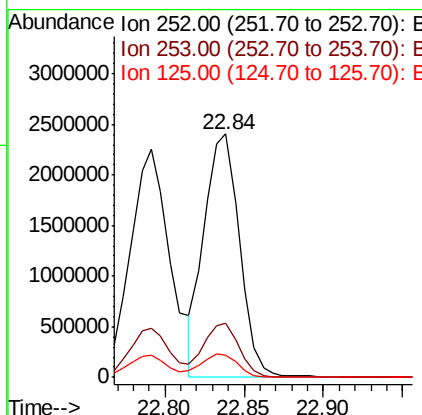
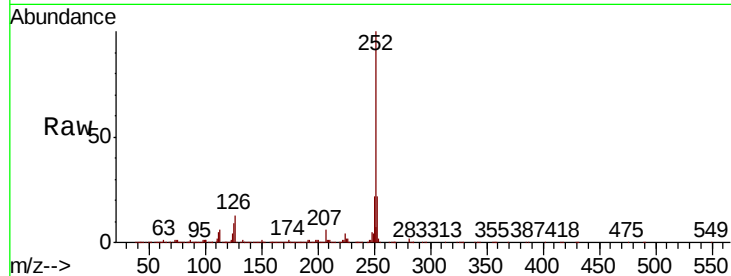




#89
Benzo(k)fluoranthene
Concen: 40.912 ng
RT: 22.84 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

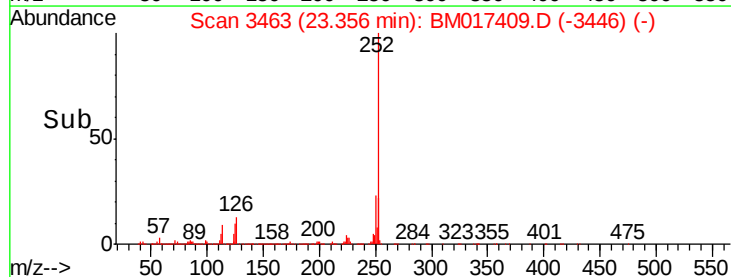
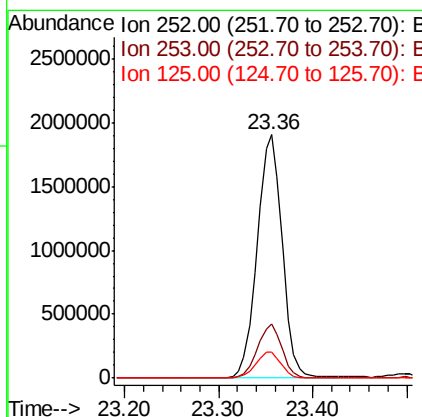
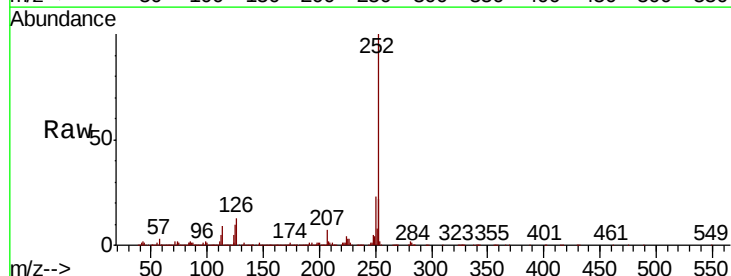
Instrument :
BNA_M
ClientSampleId :

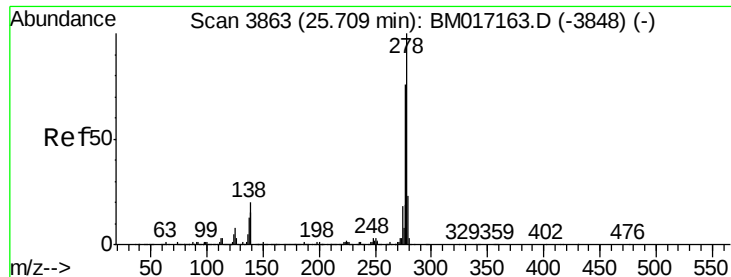
Tot Ion:252 Resp: 3719490
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.9 8.2 12.2



#90
Benzo(a)pyrene
Concen: 40.554 ng
RT: 23.36 min Scan# 3463
Delta R.T. -0.00 min
Lab File: BM017409.D
Acq: 29 Oct 2018 15:52

Tgt Ion:252 Resp: 3488648
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 34.902 ng

RT: 25.67 min Scan# 3856

Delta R.T. -0.00 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

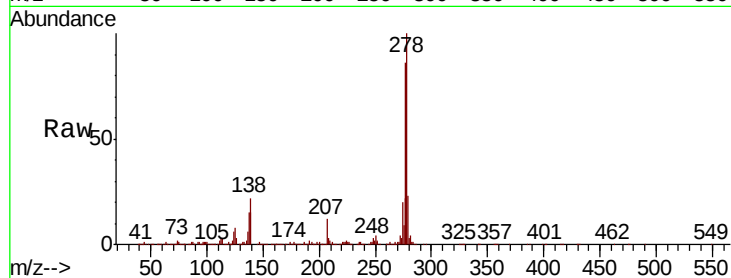
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 2981371

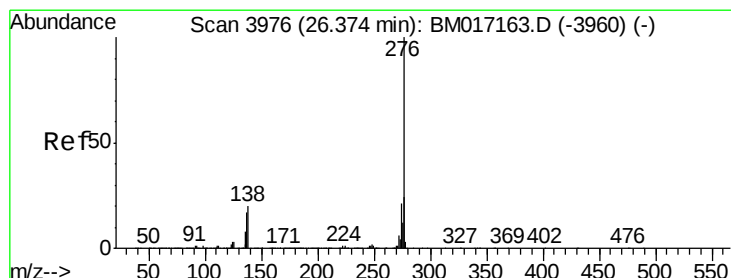
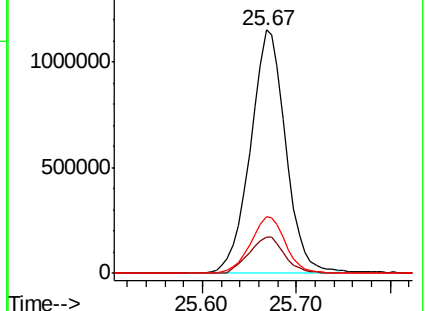
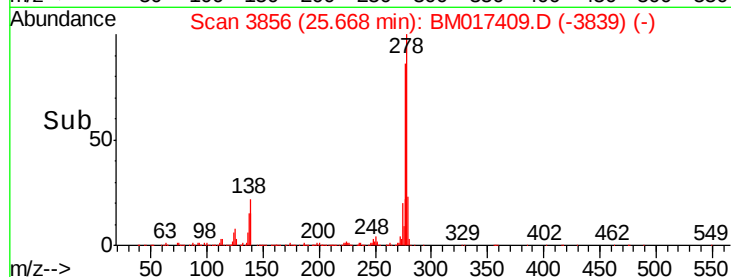
Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.7	19.1
279	23.3	18.7	28.1



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: 32.271 ng

RT: 26.33 min Scan# 3969

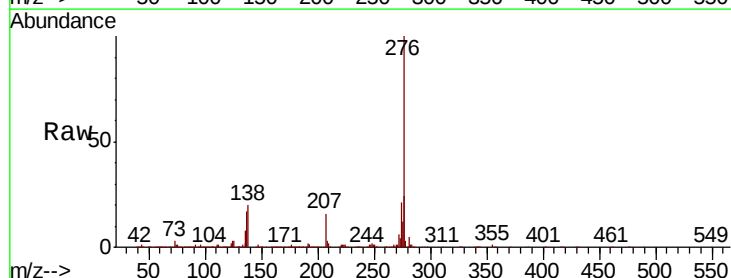
Delta R.T. 0.01 min

Lab File: BM017409.D

Acq: 29 Oct 2018 15:52

Tgt Ion:276 Resp: 2732093

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	19.7	16.4	24.6



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

