

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016611.D
 Acq On : 27 Aug 2018 17:51
 Operator : SJ/JU
 Sample : J4636-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 28 03:55:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	105446	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	385234	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	299213	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	948858	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1301189	20.00	ng	0.00
86) Perylene-d12	23.81	264	1314016	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	601111	111.71	ng	0.00
7) Phenol-d6	7.19	99	761948	107.01	ng	0.00
23) Nitrobenzene-d5	9.19	82	689087	81.67	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	1018654	121.79	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	2416248	77.62	ng	0.00
78) Terphenyl-d14	19.98	244	5542491	90.16	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	97770	32.888	ng	# 100
3) Pyridine	3.80	79	189544	30.645	ng	# 82
4) n-Nitrosodimethylamine	3.72	42	125846	45.671	ng	# 62
6) Aniline	7.35	93	213707	26.820	ng	# 86
8) 2-Chlorophenol	7.57	128	257039	40.144	ng	# 93
9) Benzaldehyde	7.16	77	156449	31.659	ng	# 77
10) Phenol	7.22	94	272142	38.646	ng	# 90
11) bis(2-Chloroethyl)ether	7.43	93	186763	35.368	ng	# 95
12) 1,3-Dichlorobenzene	7.89	146	295637	34.825	ng	# 83
13) 1,4-Dichlorobenzene	8.04	146	302879	34.765	ng	# 99
14) 1,2-Dichlorobenzene	8.35	146	306014	35.753	ng	# 95
15) Benzyl Alcohol	8.27	79	257300	38.911	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.52	45	126985	34.924	ng	# 48
17) 2-Methylphenol	8.46	107	194366	38.116	ng	# 72
18) Hexachloroethane	9.06	117	165635	41.269	ng	# 38
19) n-Nitroso-di-n-propylamine	8.82	70	196285	35.159	ng	# 87
20) 3+4-Methylphenols	8.80	107	259856	36.856	ng	# 79
22) Acetophenone	8.85	105	381428	41.118	ng	# 97
24) Nitrobenzene	9.23	77	341300	40.486	ng	# 89
25) Isophorone	9.75	82	543493	48.197	ng	# 92
26) 2-Nitrophenol	9.95	139	148133	41.103	ng	# 40
27) 2,4-Dimethylphenol	10.00	122	217382	46.285	ng	# 75
28) bis(2-Chloroethoxy)methane	10.23	93	281335	41.795	ng	# 96
29) 2,4-Dichlorophenol	10.48	162	329339	46.853	ng	# 93
30) 1,2,4-Trichlorobenzene	10.67	180	517064	48.478	ng	# 94
31) Naphthalene	10.86	128	777924	42.384	ng	# 99
32) Benzoic acid	10.16	122	16874	4.294	ng	# 73
33) 4-Chloroaniline	11.00	127	153250	19.840	ng	# 84
34) Hexachlorobutadiene	11.11	225	534165	52.471	ng	# 99
35) Caprolactam	11.82	113	42447	25.166	ng	# 64
36) 4-Chloro-3-methylphenol	12.12	107	271571	40.188	ng	# 88
37) 2-Methylnaphthalene	12.47	142	671119	46.707	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	801004	47.400	ng	# 100
40) Hexachlorocyclopentadiene	12.79	237	872205	102.324	ng	# 94

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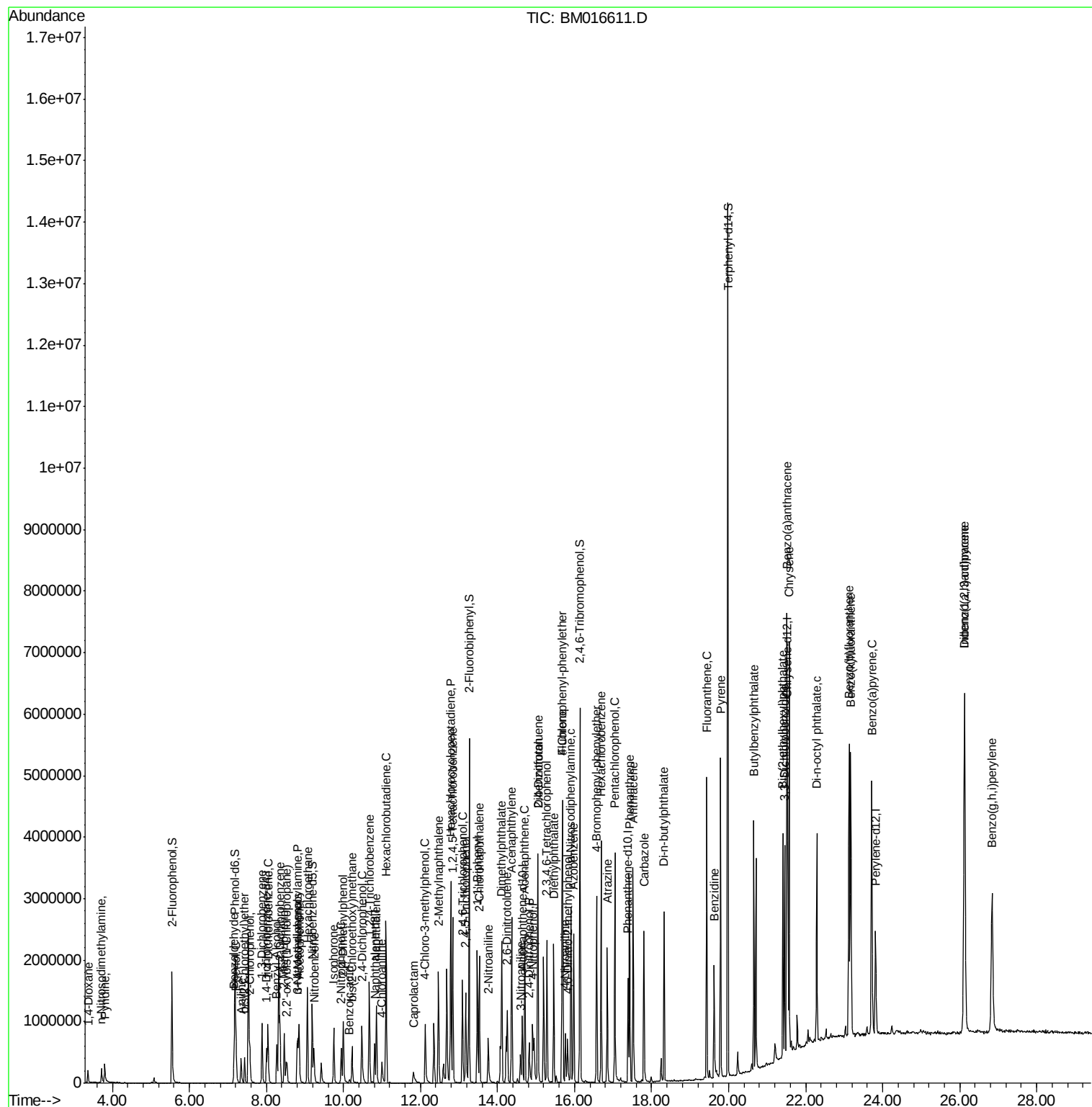
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	471786	46.687	nq	98
43) 2,4,5-Trichlorophenol	13.17	196	461082	46.711	nq	# 97
45) 1,1'-Biphenyl	13.47	154	954484	36.380	nq	99
46) 2-Chloronaphthalene	13.53	162	783276	36.747	nq	97
47) 2-Nitroaniline	13.76	65	199959	35.220	nq	# 78
48) Acenaphthylene	14.37	152	1159605	38.540	nq	98
49) Dimethylphthalate	14.11	163	1336693	46.500	nq	# 98
50) 2,6-Dinitrotoluene	14.25	165	224779	40.089	nq	# 80
51) Acenaphthene	14.71	154	691324	37.400	nq	96
52) 3-Nitroaniline	14.59	138	112596	22.070	nq	87
53) 2,4-Dinitrophenol	14.82	184	217435	77.491	nq	# 67
54) Dibenzofuran	15.04	168	1412692	39.923	nq	91
55) 4-Nitrophenol	14.91	139	207162	63.664	nq	# 79
56) 2,4-Dinitrotoluene	15.05	165	353296	37.787	nq	# 98
57) Fluorene	15.69	166	1130708	42.299	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	460743	48.564	nq	# 100
59) Diethylphthalate	15.46	149	1096957	36.598	nq	95
60) 4-Chlorophenyl-phenylether	15.68	204	967643	43.165	nq	# 84
61) 4-Nitroaniline	15.76	138	145081	29.098	nq	# 1
62) Azobenzene	15.97	77	1270212	39.787	nq	90
64) 4,6-Dinitro-2-methylphenol	15.82	198	234157	32.478	nq	# 56
65) n-Nitrosodiphenylamine	15.90	169	966217	36.197	nq	99
66) 4-Bromophenyl-phenylether	16.57	248	619588	42.497	nq	97
67) Hexachlorobenzene	16.69	284	698389	41.076	nq	98
68) Atrazine	16.85	200	561789	46.116	nq	91
69) Pentachlorophenol	17.04	266	610435	67.855	nq	97
70) Phenanthrene	17.43	178	1945976	39.680	nq	99
71) Anthracene	17.52	178	1958468	40.216	nq	99
72) Carbazole	17.80	167	1406921	32.147	nq	97
73) Di-n-butylphthalate	18.33	149	1826889	34.240	nq	# 97
74) Fluoranthene	19.43	202	2984437	41.504	nq	93
76) Benzidine	19.63	184	1124103	44.922	nq	98
77) Pyrene	19.79	202	3027750	42.816	nq	100
79) Butylbenzylphthalate	20.66	149	871254	35.694	nq	# 73
80) Benzo(a)anthracene	21.52	228	3263368	42.659	nq	99
81) 3,3'-Dichlorobenzidine	21.45	252	968762	28.450	nq	# 97
82) Chrysene	21.57	228	2925192	40.077	nq	99
83) Bis(2-ethylhexyl)phthalate	21.41	149	1272570	35.070	nq	# 96
84) Di-n-octyl phthalate	22.29	149	2067092	34.279	nq	# 93
85) Indeno(1,2,3-cd)pyrene	26.13	276	4009303	38.196	nq	# 92
87) Benzo(b)fluoranthene	23.13	252	3309648	43.693	nq	# 90
88) Benzo(k)fluoranthene	23.17	252	3326477	43.161	nq	# 94
89) Benzo(a)pyrene	23.71	252	3197536	43.384	nq	# 94
90) Dibenzo(a,h)anthracene	26.13	278	3356008	40.630	nq	# 87
91) Benzo(g,h,i)perylene	26.84	276	3061036	41.284	nq	# 79

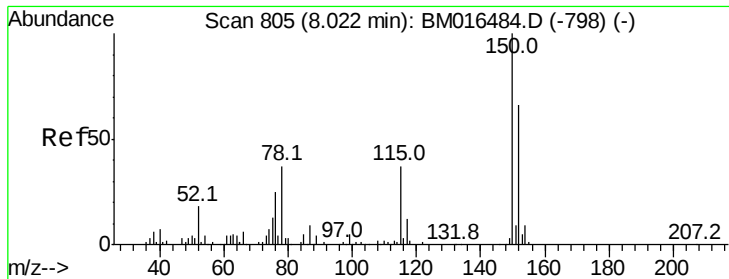
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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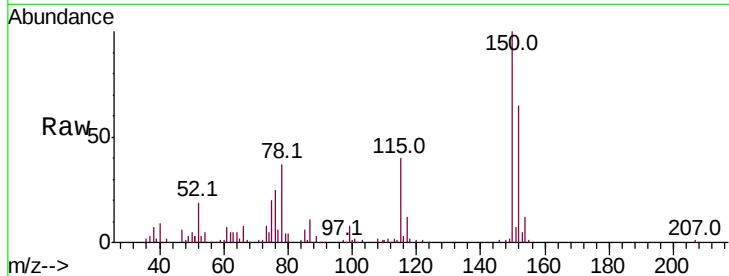


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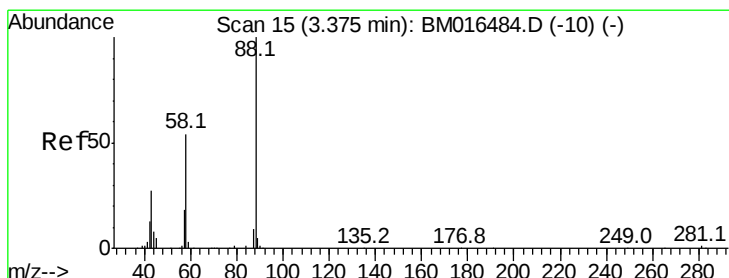
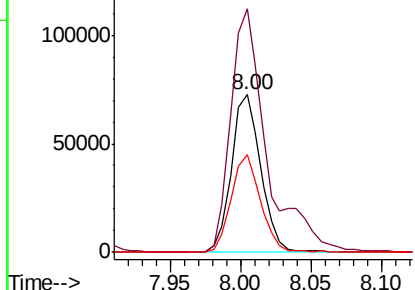
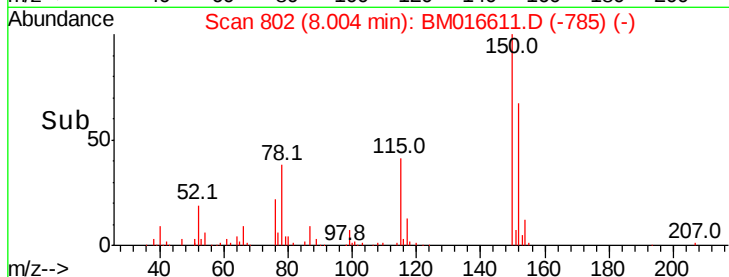
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	119.5	179.3
115	61.6	43.0	64.4



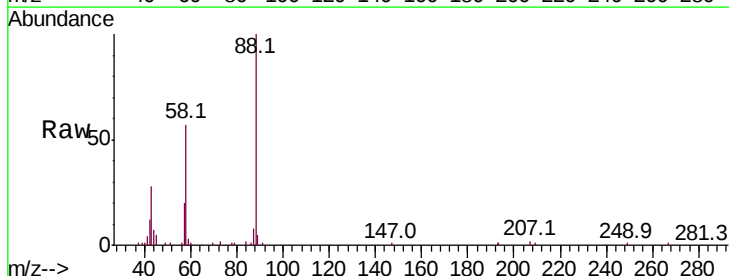
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



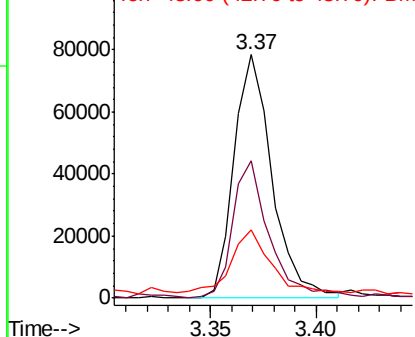
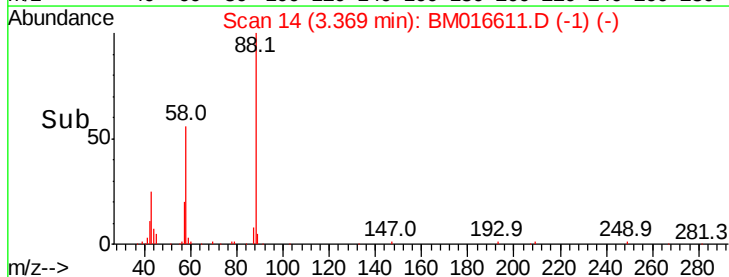
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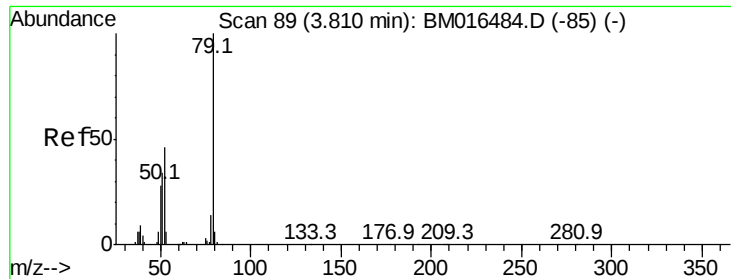
1,4-Dioxane
Concen: 32.888 ng
RT: 3.37 min Scan# 14
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.7	0.0	0.0#
43	28.2	0.0	0.0#



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

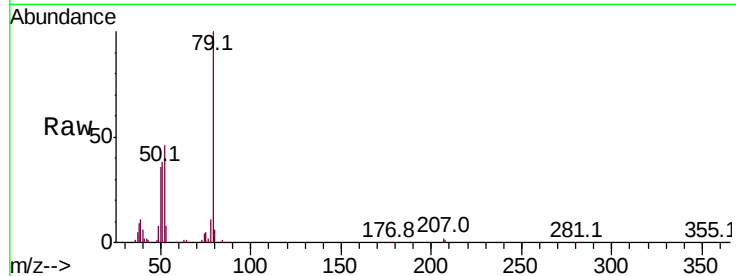




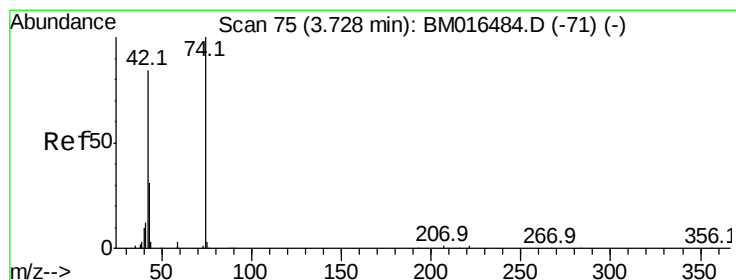
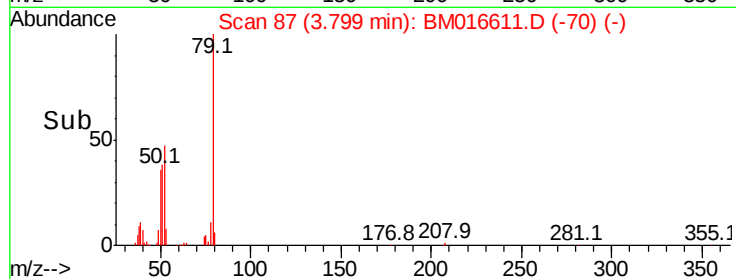
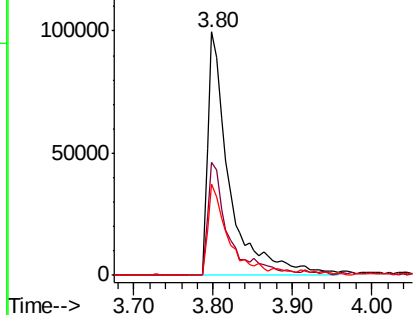
#3
Pvridine
Concen: 30.645 ng
RT: 3.80 min Scan# 87
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 79 Resp: 189544
Ion Ratio Lower Upper
79 100
52 46.3 51.1 76.7#
51 37.5 26.1 39.1

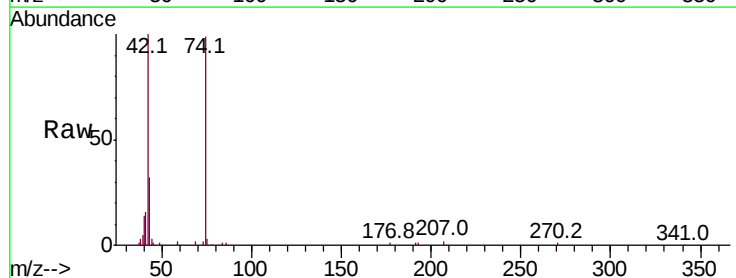


Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0

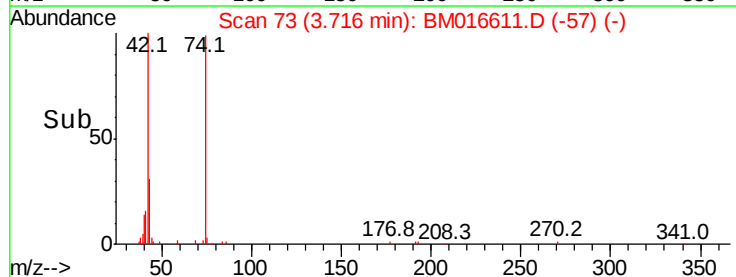
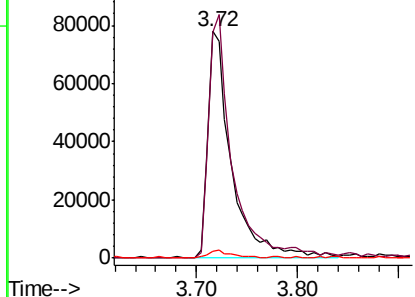


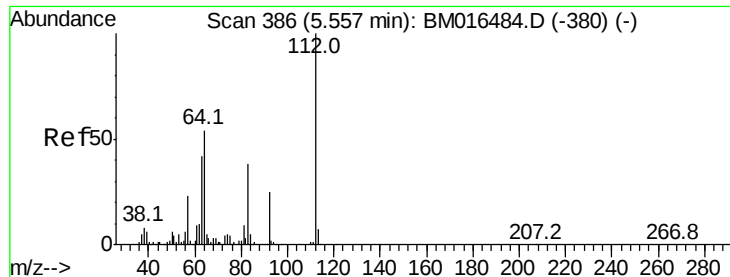
#4
n-Nitrosodimethylamine
Concen: 45.671 ng
RT: 3.72 min Scan# 73
Delta R.T. -0.01 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion: 42 Resp: 125846
Ion Ratio Lower Upper
42 100
74 99.4 119.3 178.9#
44 3.2 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 111.709 ng

RT: 5.55 min Scan# 384

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

ClientSampleId :

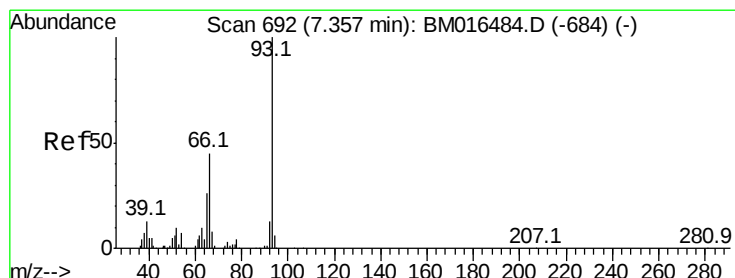
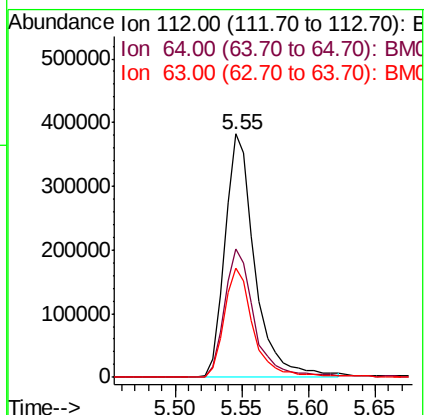
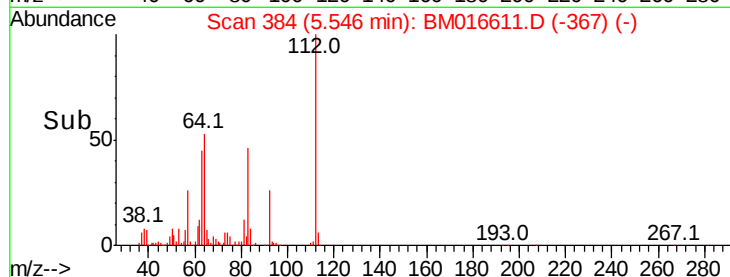
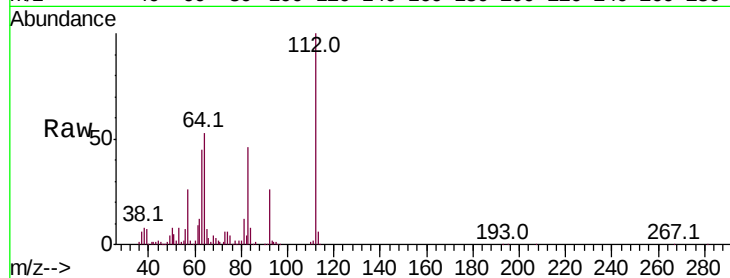
Tot Ion:112 Resp: 601111

Ion Ratio Lower Upper

112 100

64 52.7 38.6 57.8

63 44.6 19.3 28.9#



#6

Aniline

Concen: 26.820 ng

RT: 7.35 min Scan# 690

Delta R.T. 0.01 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

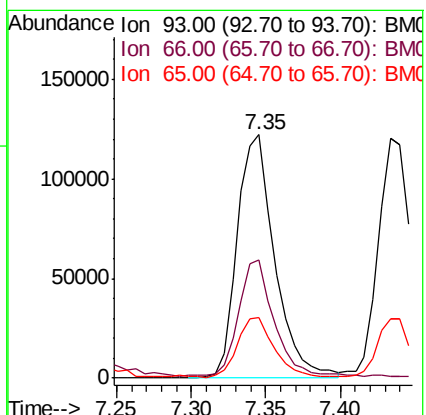
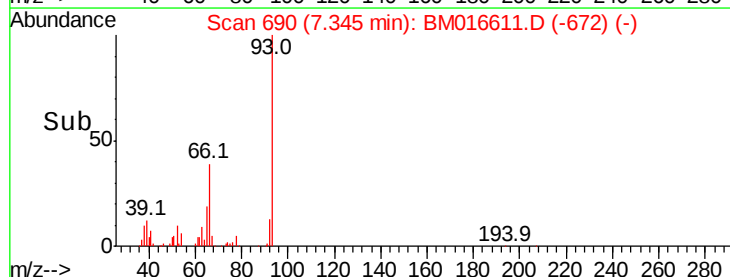
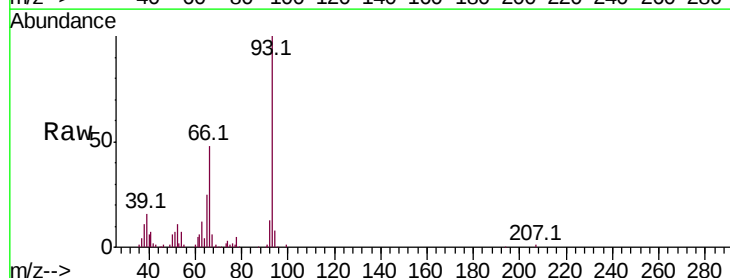
Tgt Ion: 93 Resp: 213707

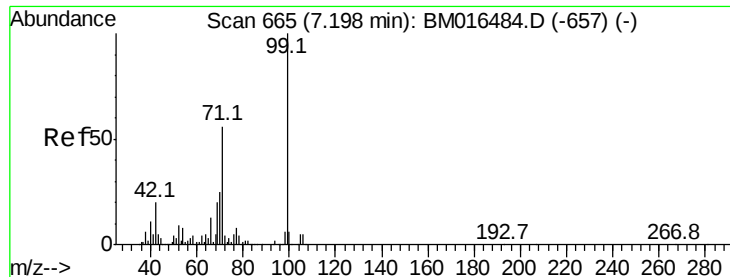
Ion Ratio Lower Upper

93 100

66 48.4 30.8 46.2#

65 24.6 16.0 24.0#





#7

Phenol-d6

Concen: 107.006 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

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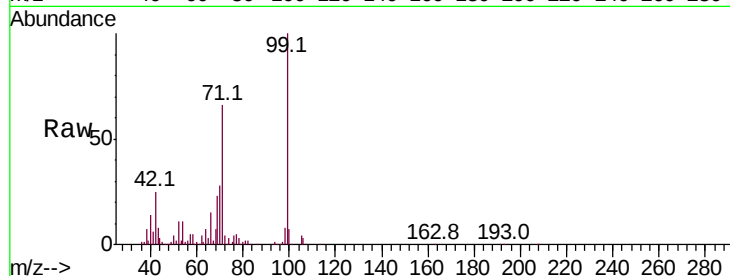
Tot Ion: 99 Resp: 761948

Ion Ratio Lower Upper

99 100

42 25.2 11.0 16.4#

71 66.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)

600000

500000

400000

300000

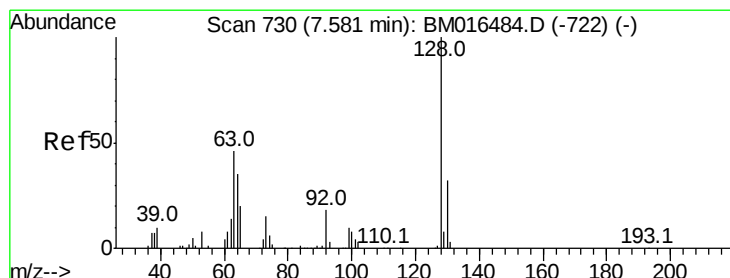
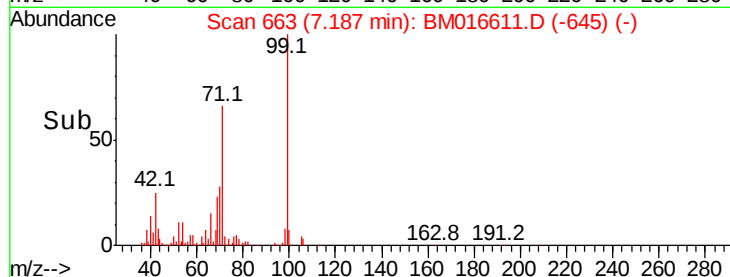
200000

100000

0

7.10 7.15 7.20 7.25

Time-->



#8

2-Chlorophenol

Concen: 40.144 ng

RT: 7.57 min Scan# 728

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

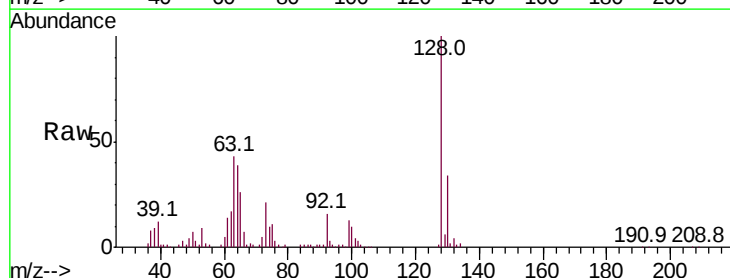
Tgt Ion:128 Resp: 257039

Ion Ratio Lower Upper

128 100

130 33.8 12.0 52.0

64 38.8 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): BM016484.D (-722) (-)

Ion 130.00 (129.70 to 130.70): BM016484.D (-722) (-)

Ion 64.00 (63.70 to 64.70): BM016484.D (-722) (-)

150000

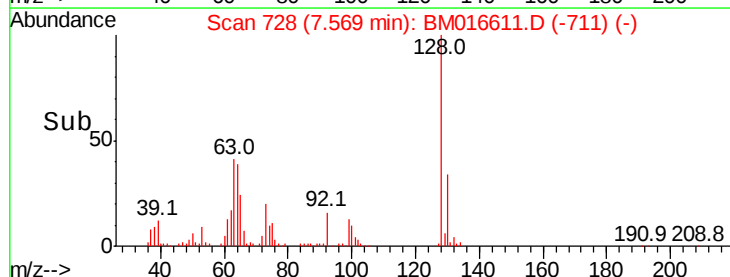
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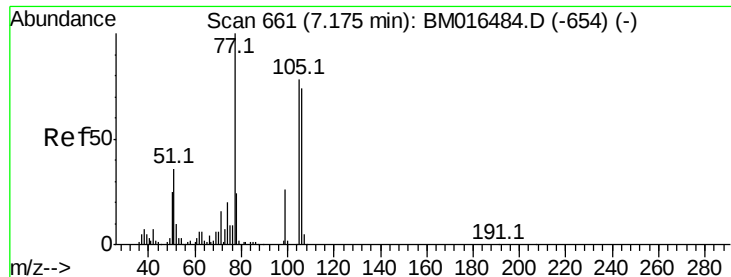
50000

0

7.50 7.55 7.60 7.65

Time-->





#9

Benzaldehyde

Concen: 31.659 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.00 min

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Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

ClientSampled :

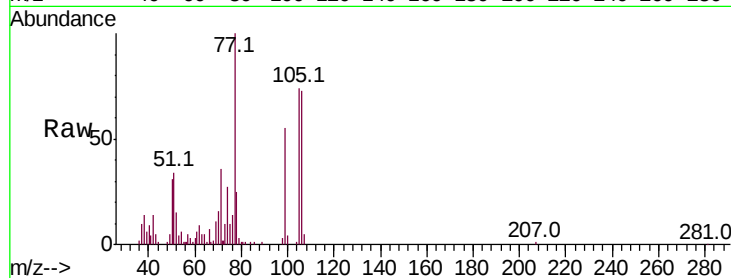
Tot Ion: 77 Resp: 156449

Ion Ratio Lower Upper

77 100

105 73.9 78.8 118.8#

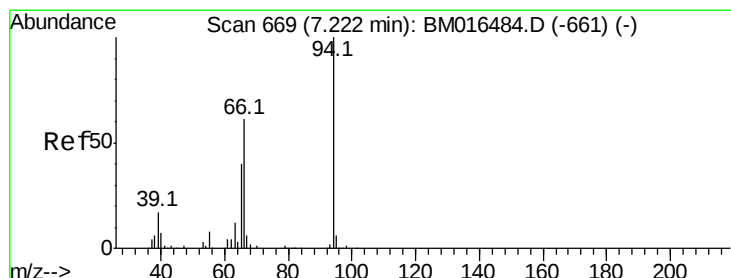
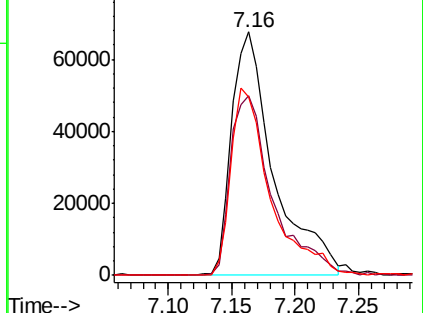
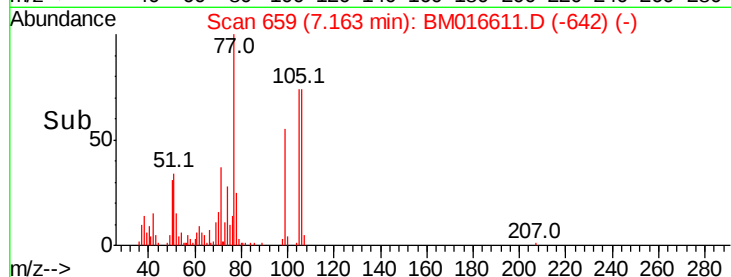
106 73.1 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016611.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BM016611.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BM016611.D (-642) (-)



#10

Phenol

Concen: 38.646 ng

RT: 7.22 min Scan# 668

Delta R.T. 0.01 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

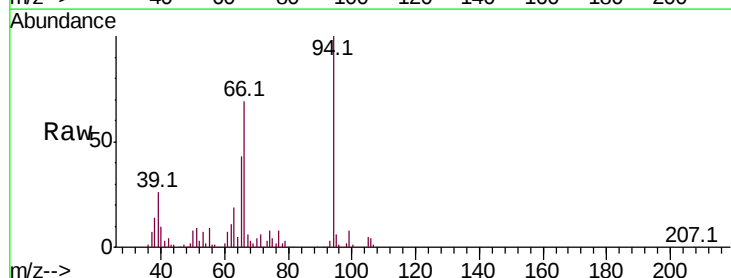
Tgt Ion: 94 Resp: 272142

Ion Ratio Lower Upper

94 100

65 43.2 18.8 58.8

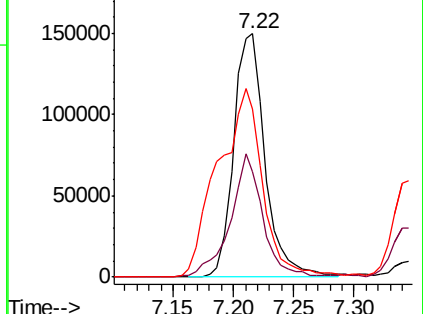
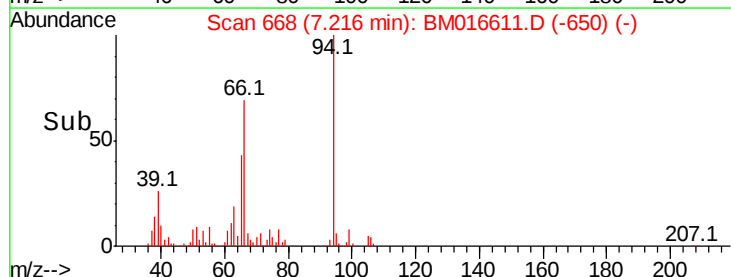
66 69.3 39.9 79.9

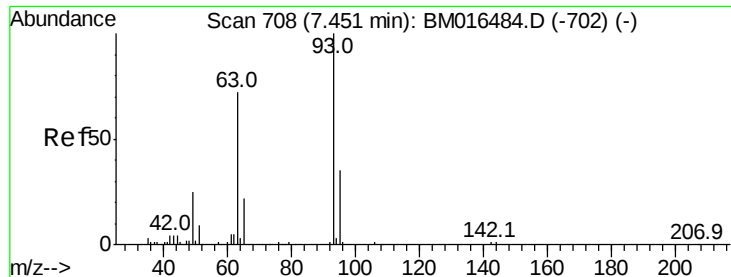


Abundance Ion 94.00 (93.70 to 94.70): BM016611.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM016611.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM016611.D (-650) (-)





#11

bis(2-Chloroethyl)ether

Concen: 35.368 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

ClientSampleId :

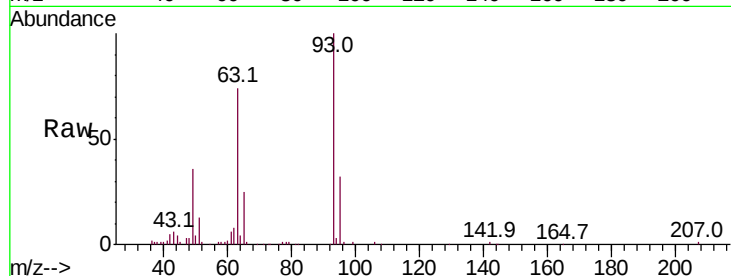
Tot Ion: 93 Resp: 186763

Ion Ratio Lower Upper

93 100

63 74.0 49.5 89.5

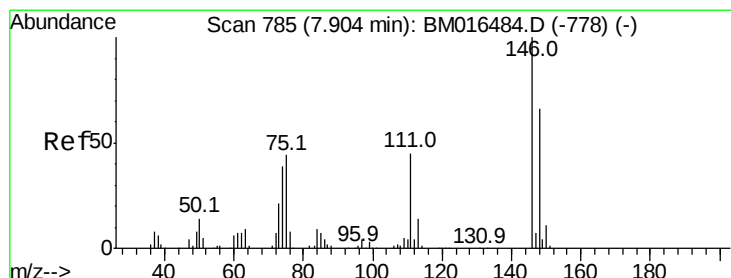
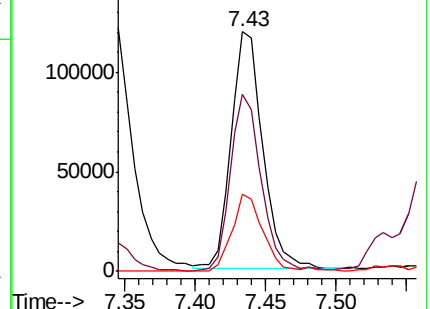
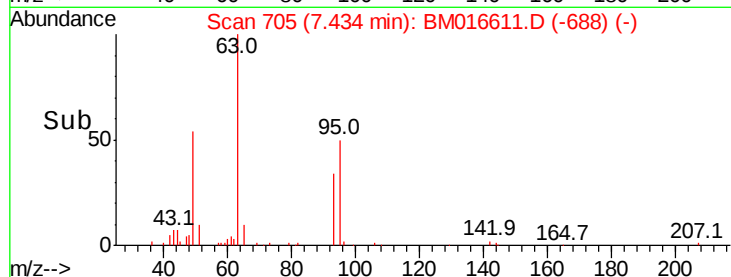
95 32.2 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM016611.D (-702) (-)

Ion 63.00 (62.70 to 63.70): BM016611.D (-702) (-)

Ion 95.00 (94.70 to 95.70): BM016611.D (-702) (-)



#12

1,3-Dichlorobenzene

Concen: 34.825 ng

RT: 7.89 min Scan# 782

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

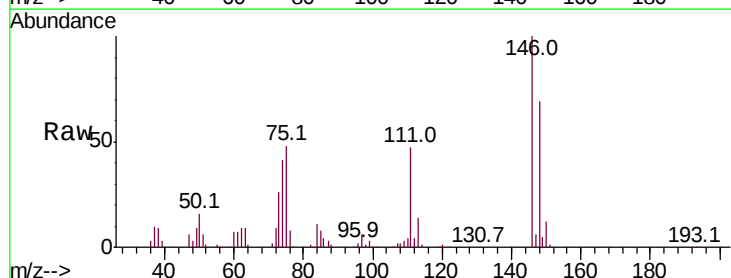
Tgt Ion: 146 Resp: 295637

Ion Ratio Lower Upper

146 100

148 68.6 50.9 76.3

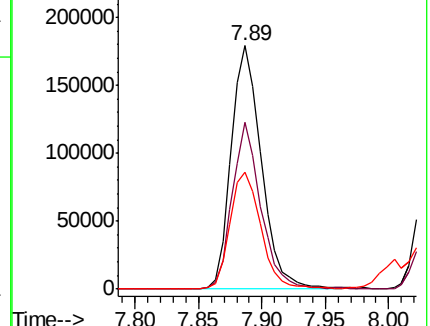
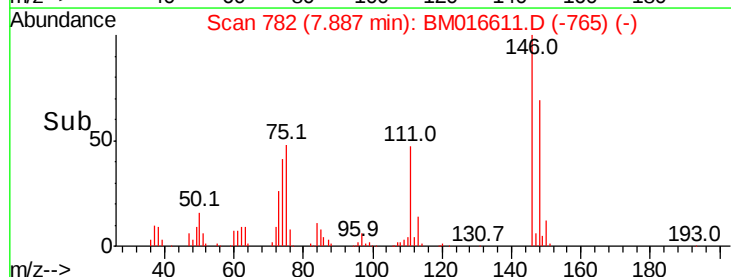
75 48.3 21.4 32.2#

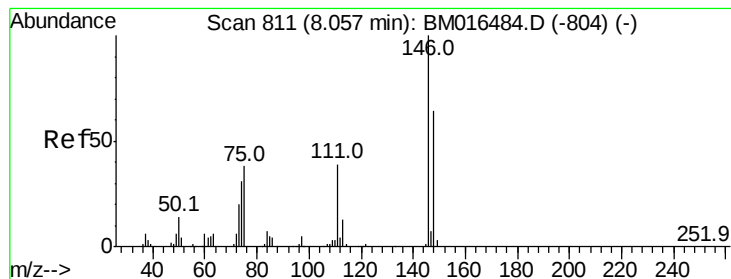


Abundance Ion 146.00 (145.70 to 146.70): BM016611.D (-778) (-)

Ion 148.00 (147.70 to 148.70): BM016611.D (-778) (-)

Ion 75.00 (74.70 to 75.70): BM016611.D (-778) (-)





#13

1,4-Dichlorobenzene

Concen: 34.765 ng

RT: 8.04 min Scan# 808

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

ClientSampled :

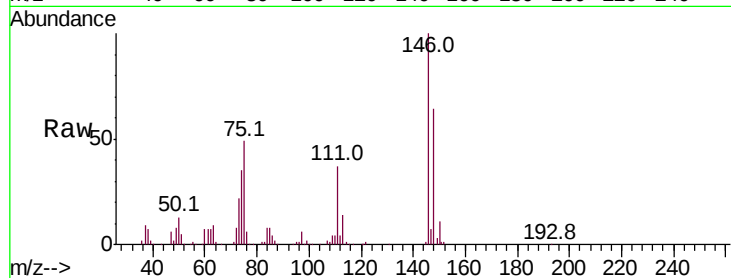
Tot Ion:146 Resp: 302879

Ion Ratio Lower Upper

146 100

148 63.9 51.9 77.9

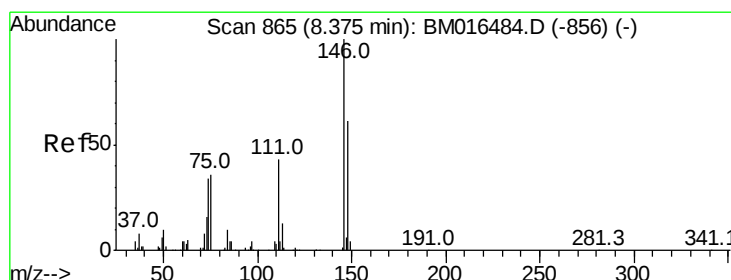
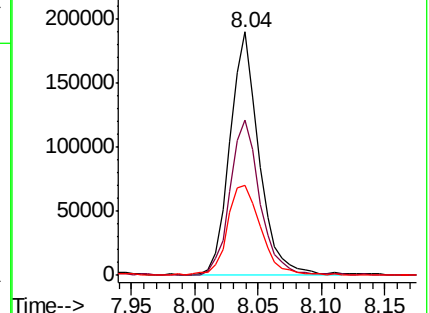
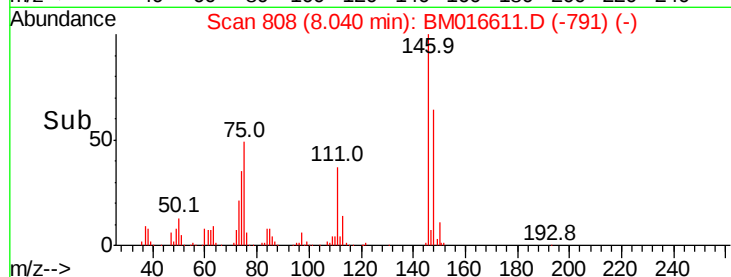
111 37.1 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.753 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

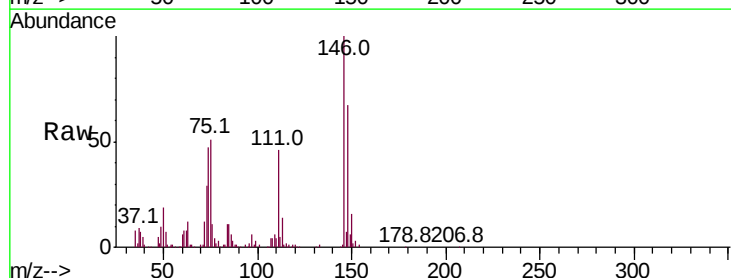
Tgt Ion:146 Resp: 306014

Ion Ratio Lower Upper

146 100

148 66.5 52.3 78.5

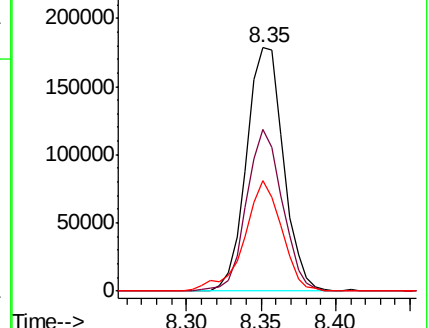
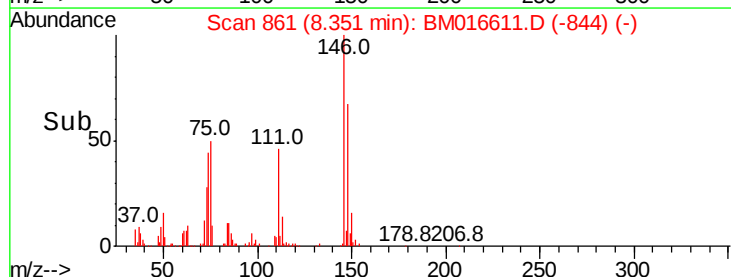
111 45.6 30.6 45.8

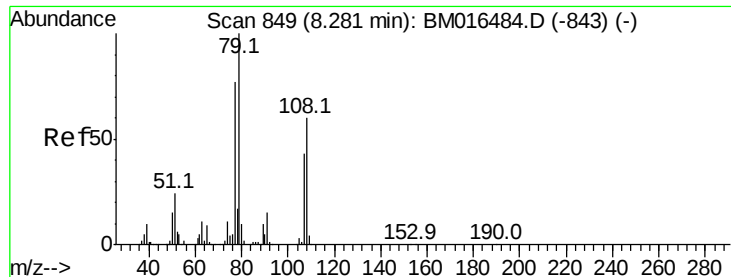


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.911 ng

RT: 8.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

ClientSampled :

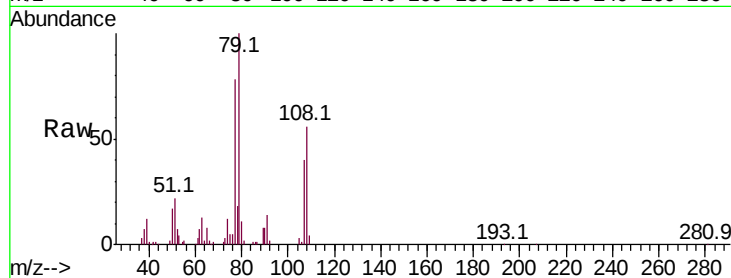
Tot Ion: 79 Resp: 257300

Ion Ratio Lower Upper

79 100

108 56.4 65.0 97.4#

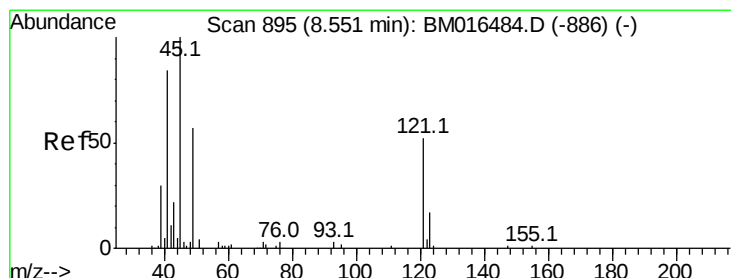
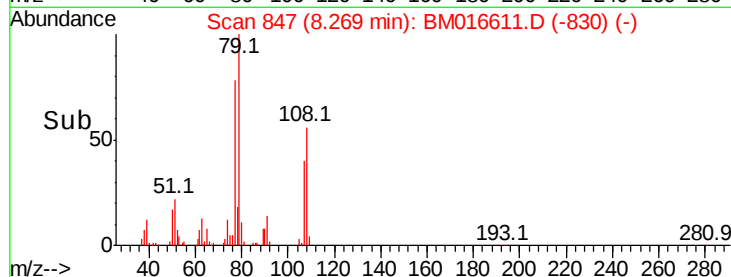
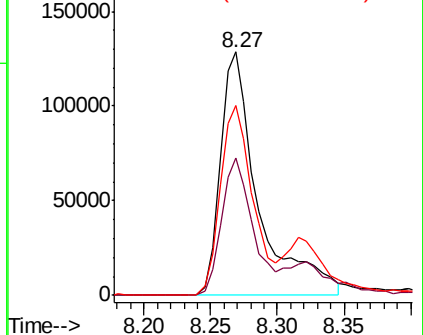
77 78.0 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM016611.D (-830) (-)

Ion 108.00 (107.70 to 108.70): BM016611.D (-830) (-)

Ion 77.00 (76.70 to 77.70): BM016611.D (-830) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.924 ng

RT: 8.52 min Scan# 889

Delta R.T. -0.02 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

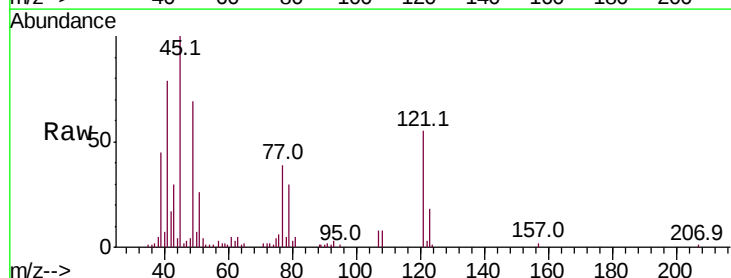
Tgt Ion: 45 Resp: 126985

Ion Ratio Lower Upper

45 100

77 39.4 0.0 35.2#

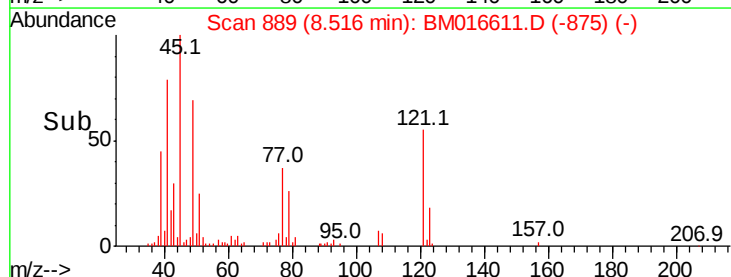
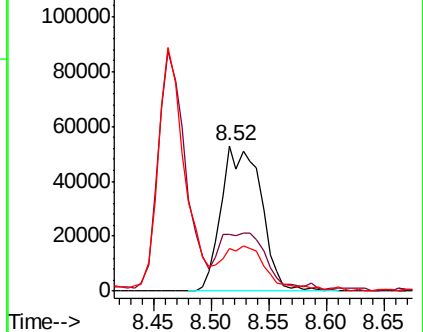
79 29.6 0.0 32.0

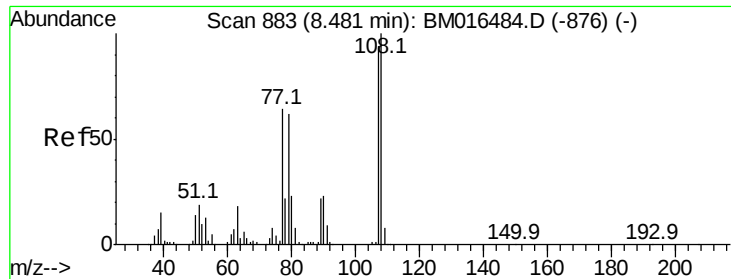


Abundance Ion 45.00 (44.70 to 45.70): BM016611.D (-875) (-)

Ion 77.00 (76.70 to 77.70): BM016611.D (-875) (-)

Ion 79.00 (78.70 to 79.70): BM016611.D (-875) (-)

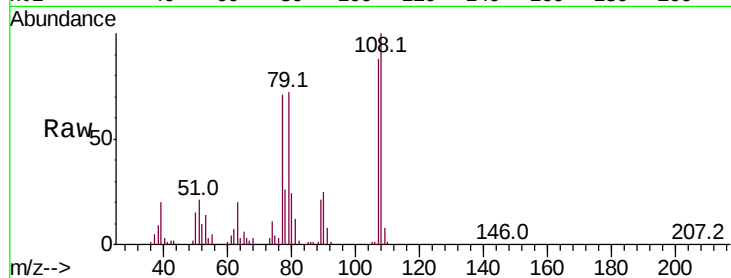




#17
2-Methylphenol
Concen: 38.116 ng
RT: 8.46 min Scan# 880
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	89.8	134.8
77	80.3	32.6	48.8#
79	81.6	32.8	49.2#



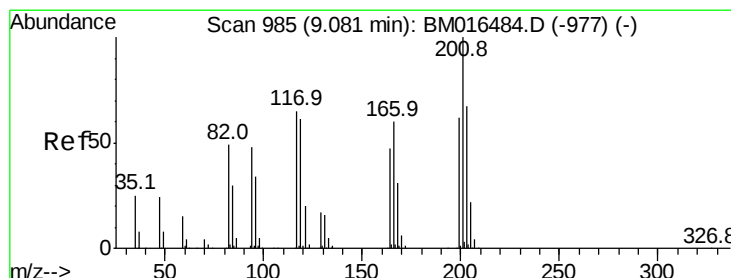
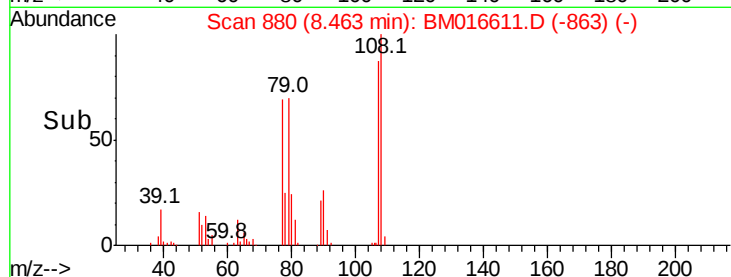
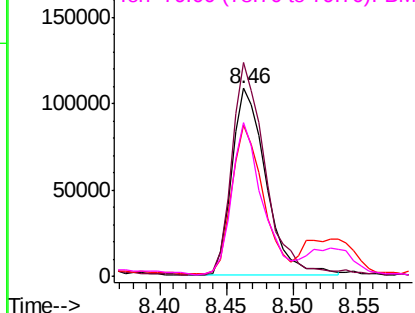
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

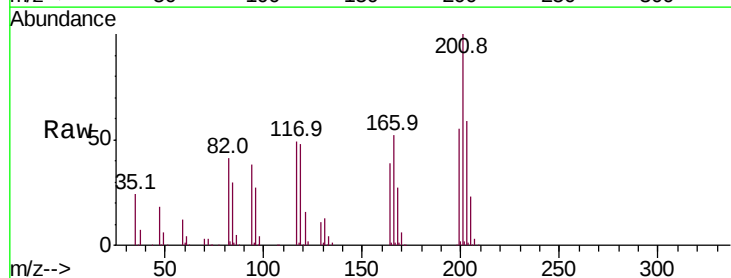
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 41.269 ng
RT: 9.06 min Scan# 982
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	79.2	118.8
201	209.7	69.8	104.6#

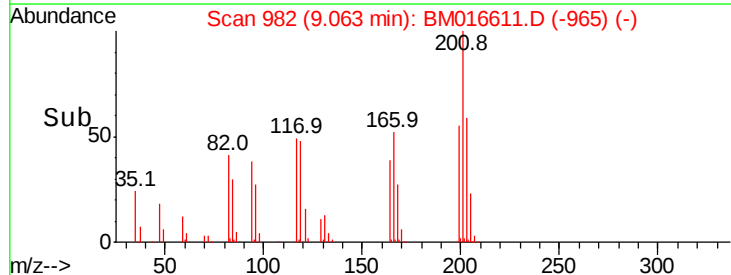
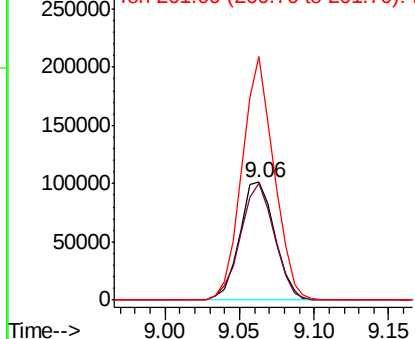


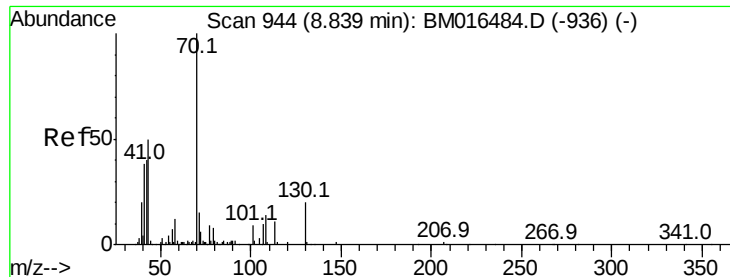
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

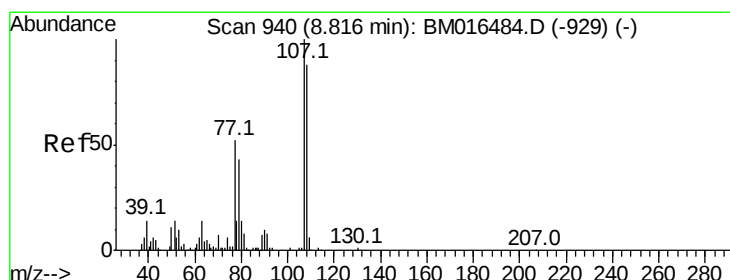
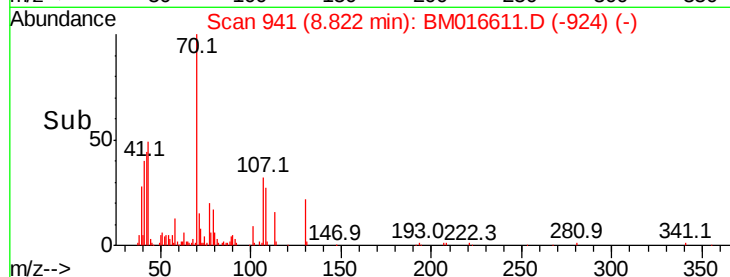
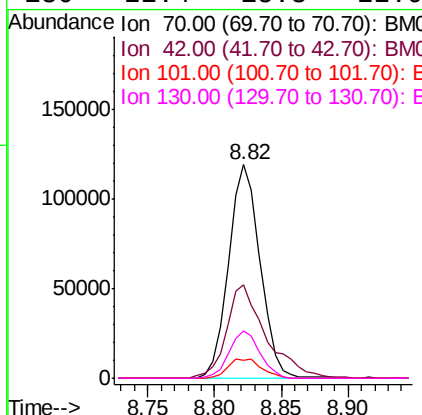
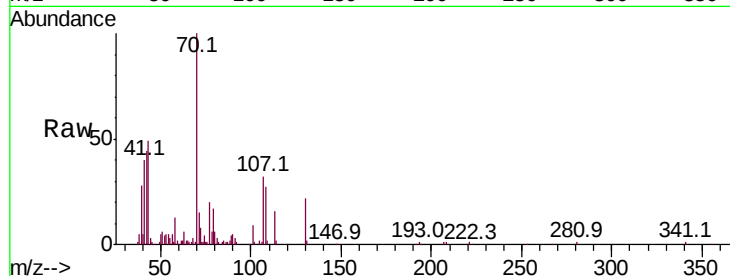




#19
n-Nitroso-di-n-propylamine
Concen: 35.159 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

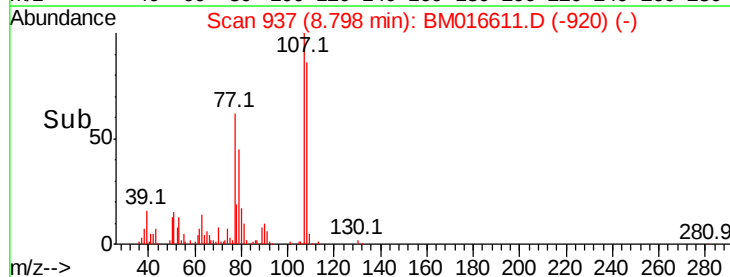
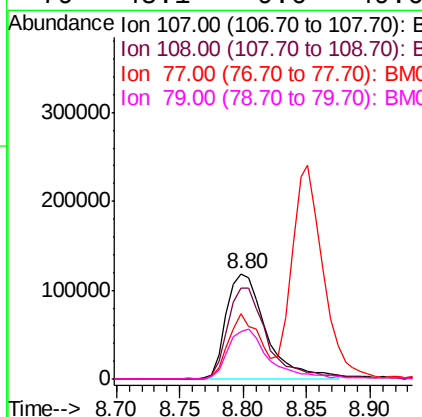
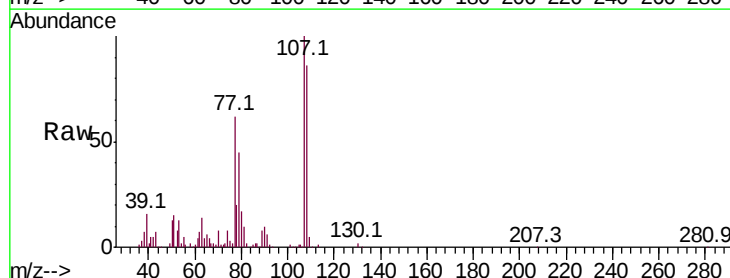
Instrument :
BNA_M
ClientSampleId :

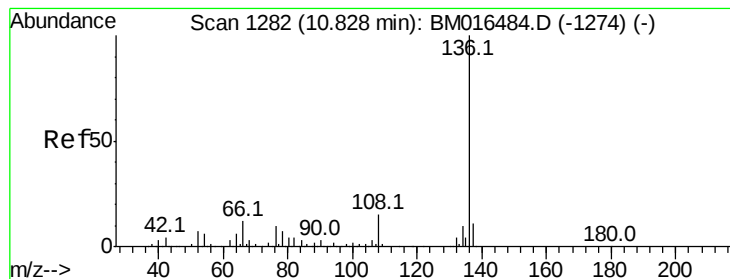
Tot Ion:	70	Resp:	196285
Ion	Ratio	Lower	Upper
70	100		
42	43.9	44.5	66.7#
101	8.7	7.4	11.2
130	22.4	15.3	22.9



#20
3+4-Methylphenols
Concen: 36.856 ng
RT: 8.80 min Scan# 937
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion:	107	Resp:	259856
Ion	Ratio	Lower	Upper
107	100		
108	86.3	73.2	113.2
77	62.1	10.7	50.7#
79	45.1	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 385234

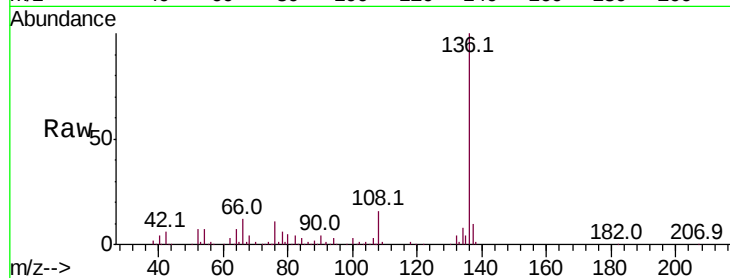
Ion Ratio Lower Upper

136 100

137 9.9 8.7 13.1

54 7.0 4.6 6.8#

68 4.4 3.7 5.5

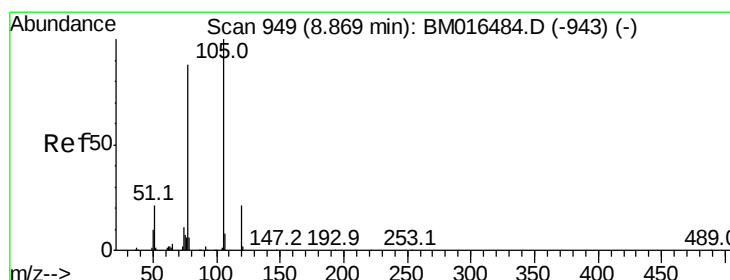
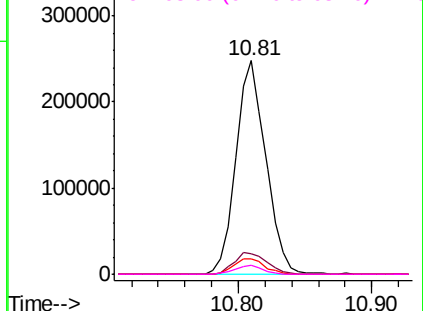
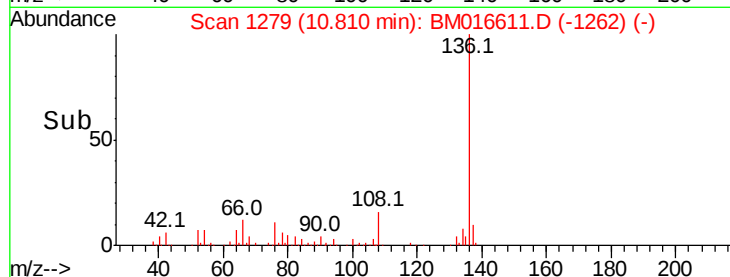


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.118 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Tgt Ion:105 Resp: 381428

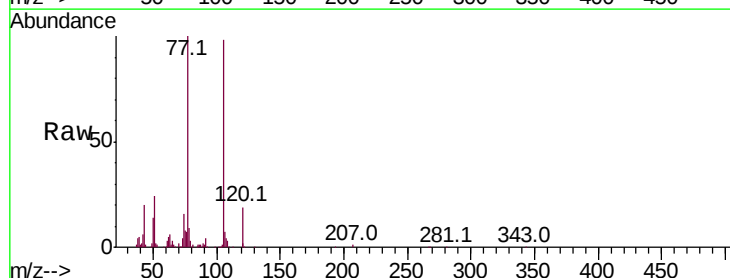
Ion Ratio Lower Upper

105 100

71 0.4 0.6 1.0#

51 24.6 21.6 32.4

120 19.4 16.1 24.1

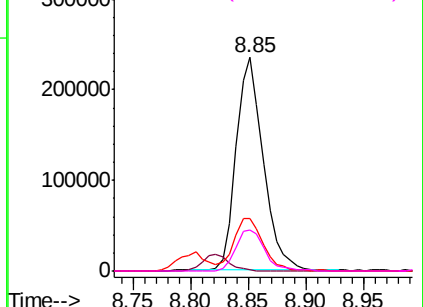
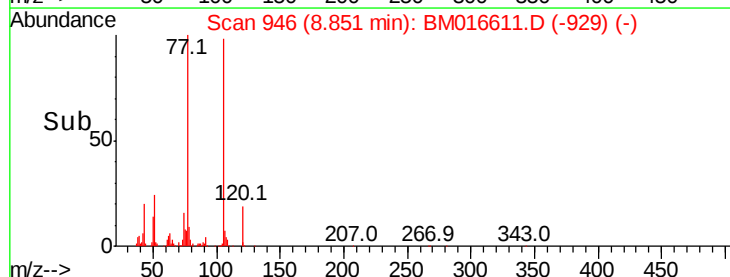


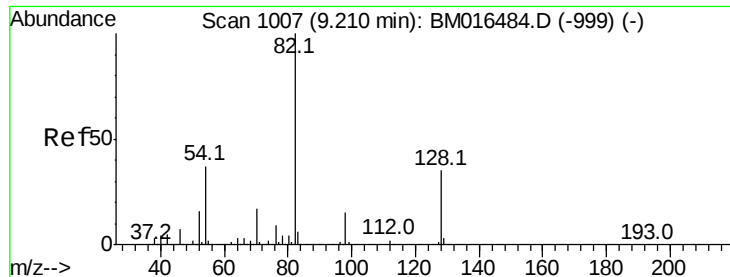
Abundance Ion 105.00 (104.70 to 105.70): E

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

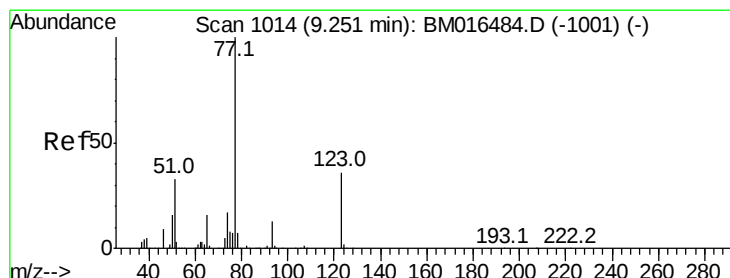
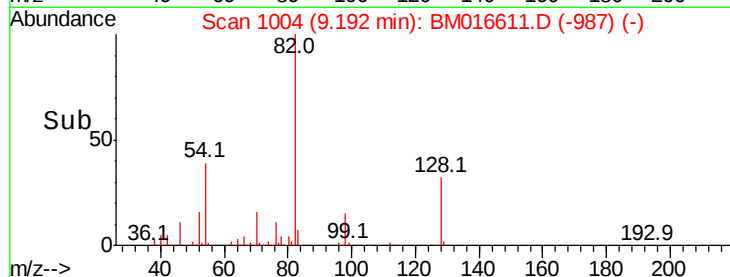
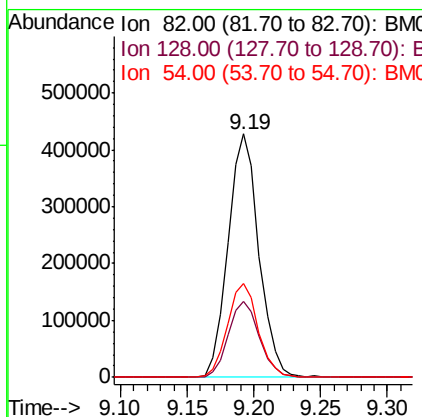
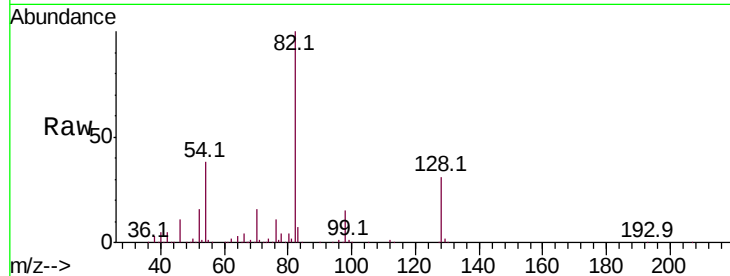




#23
 Nitrobenzene-d5
 Concen: 81.673 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

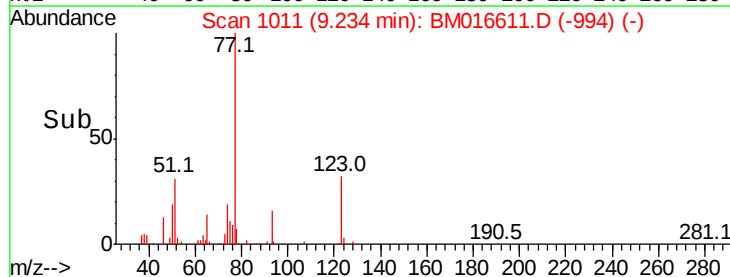
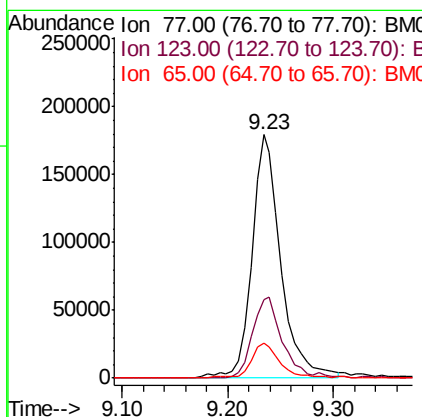
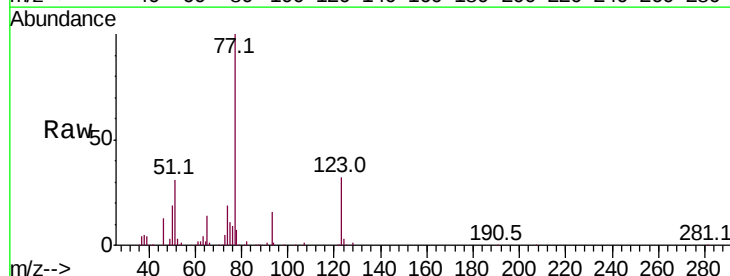
Instrument :
 BNA_M
 ClientSampled :

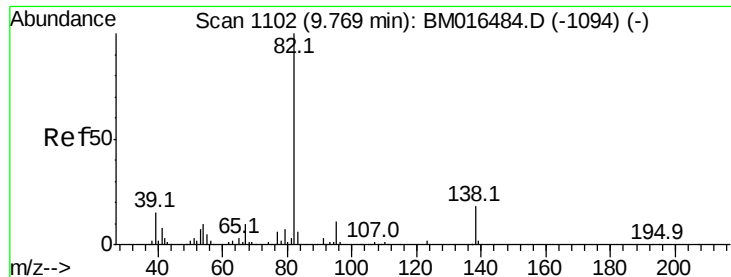
Tot Ion	Ratio	Lower	Upper
82	100		
128	31.4	32.8	49.2#
54	38.5	40.6	60.8#



#24
 Nitrobenzene
 Concen: 40.486 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.4	32.6	49.0#
65	14.4	10.9	16.3





#25

Isophorone

Concen: 48.197 ng

RT: 9.75 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

ClientSampleId :

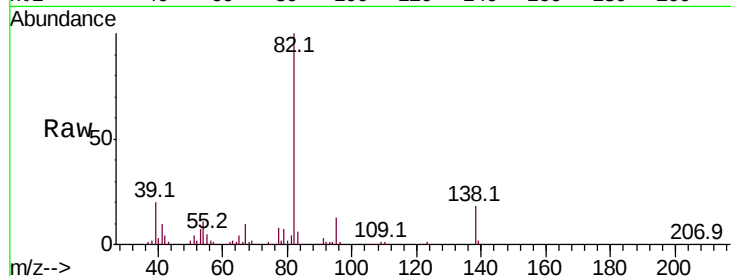
Tot Ion: 82 Resp: 543493

Ion Ratio Lower Upper

82 100

95 12.9 5.8 8.6#

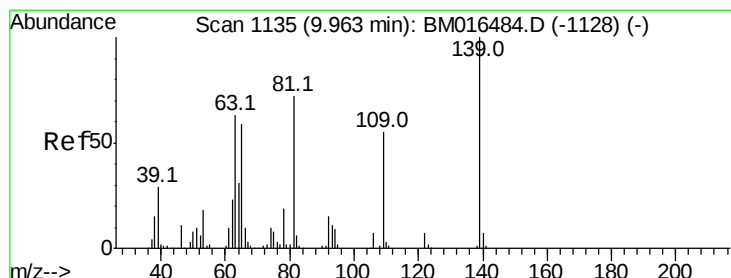
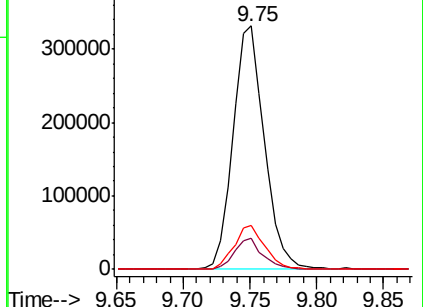
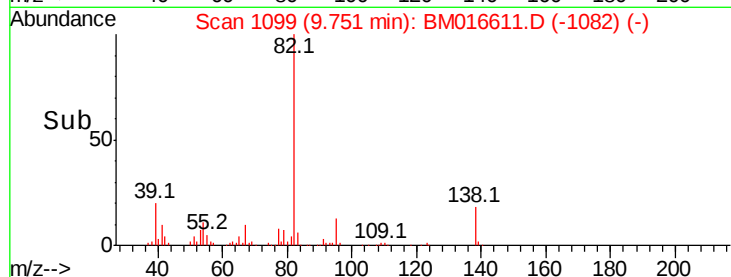
138 18.2 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016611.D (-1094) (-)

Ion 95.00 (94.70 to 95.70): BM016611.D (-1094) (-)

Ion 138.00 (137.70 to 138.70): BM016611.D (-1094) (-)



#26

2-Nitrophenol

Concen: 41.103 ng

RT: 9.95 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

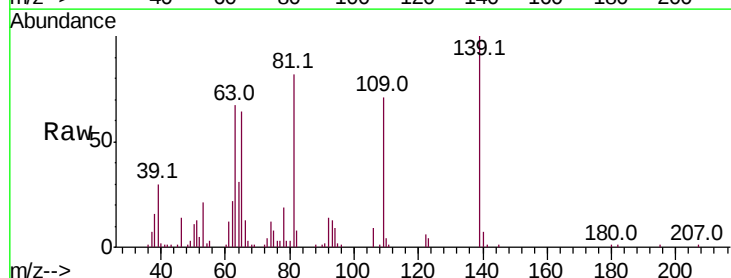
Tgt Ion: 139 Resp: 148133

Ion Ratio Lower Upper

139 100

109 70.8 20.1 30.1#

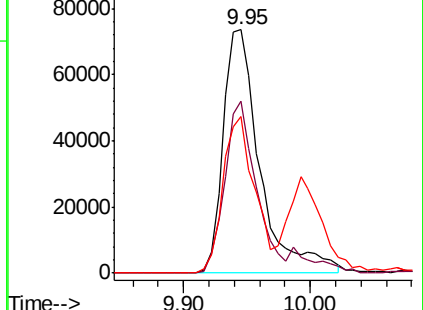
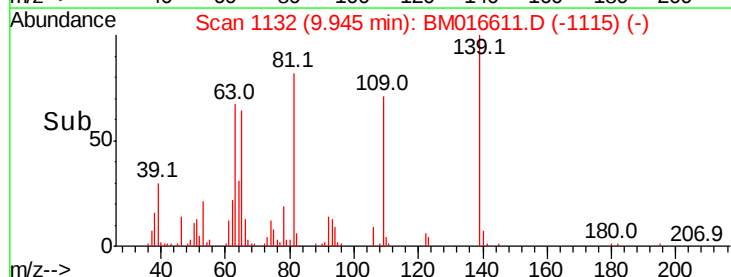
65 64.3 31.5 47.3#

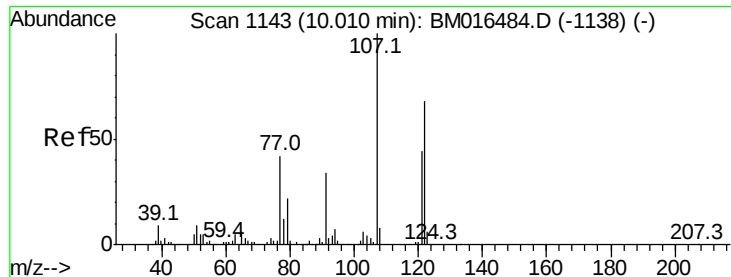


Abundance Ion 139.00 (138.70 to 139.70): BM016611.D (-1128) (-)

Ion 109.00 (108.70 to 109.70): BM016611.D (-1128) (-)

Ion 65.00 (64.70 to 65.70): BM016611.D (-1128) (-)

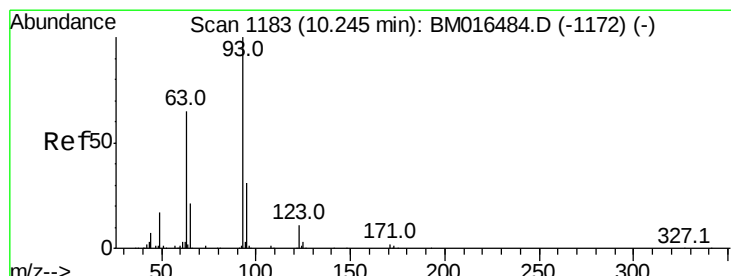
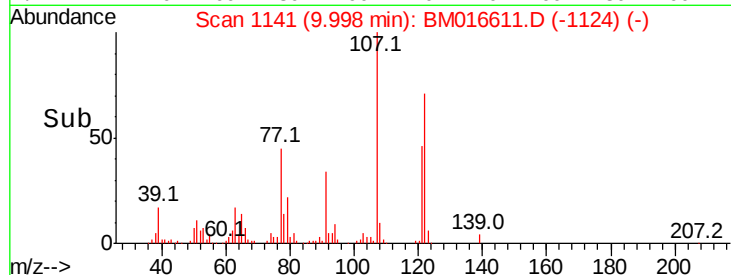
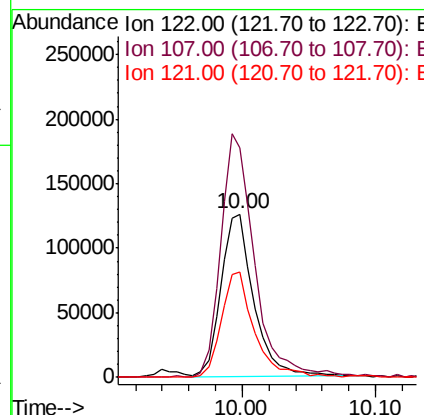
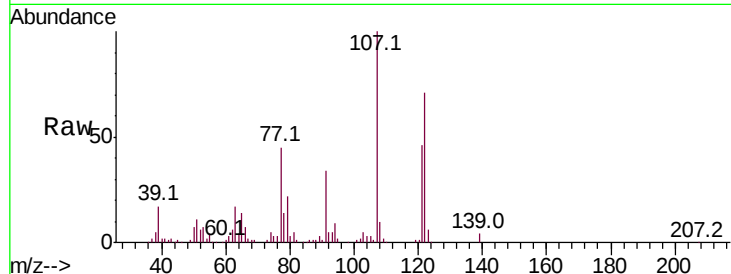




#27
 2,4-Dimethylphenol
 Concen: 46.285 ng
 RT: 10.00 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

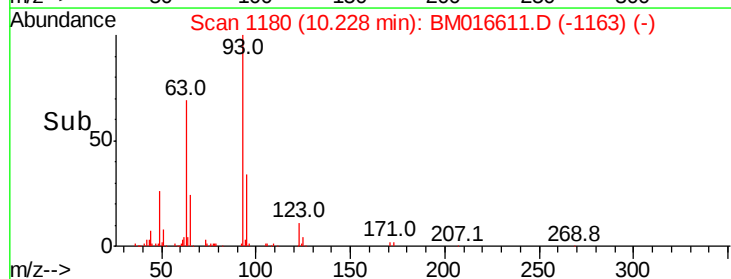
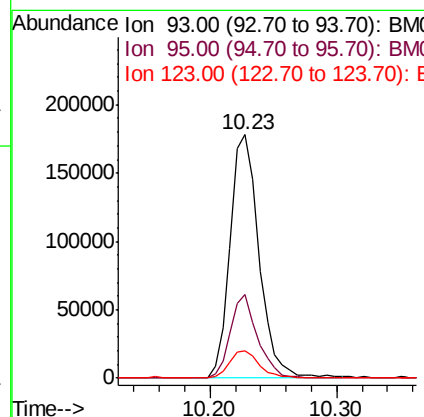
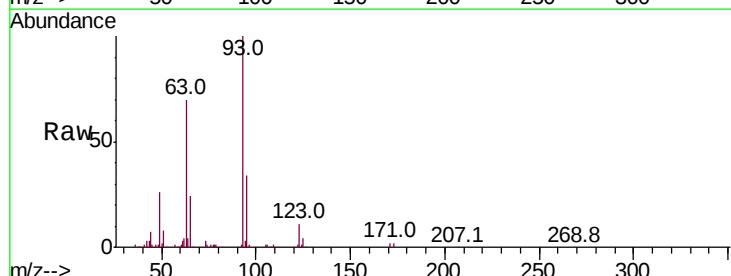
Instrument :
 BNA_M
 ClientSampled :

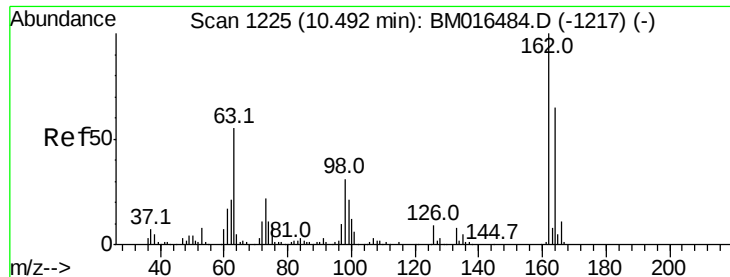
Tot Ion	Ratio	Lower	Upper
122	100		
107	141.1	84.7	127.1#
121	64.8	46.6	69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.795 ng
 RT: 10.23 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	25.5	38.3
123	11.3	8.6	13.0

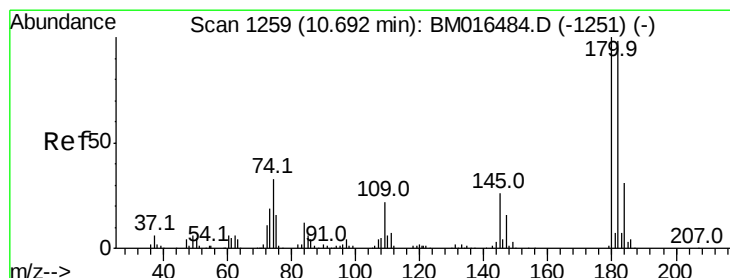
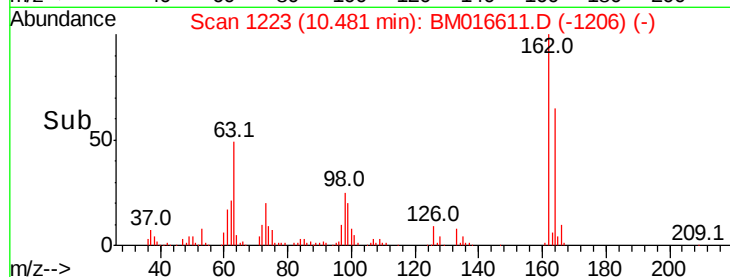
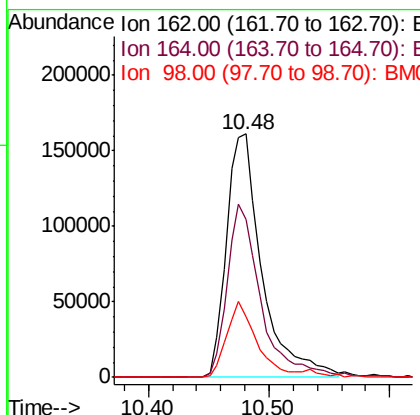
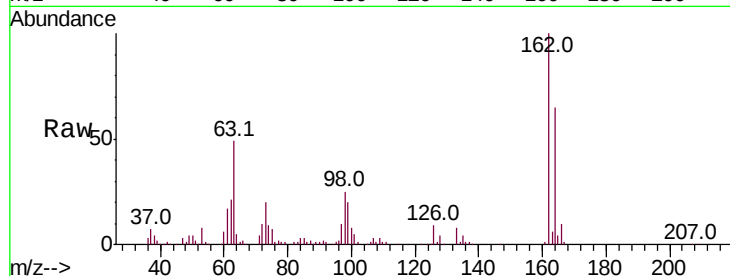




#29
 2,4-Dichlorophenol
 Concen: 46.853 ng
 RT: 10.48 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

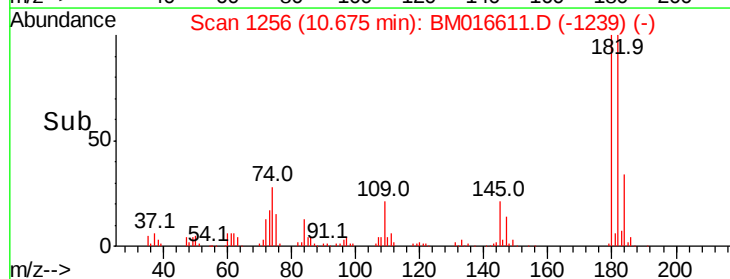
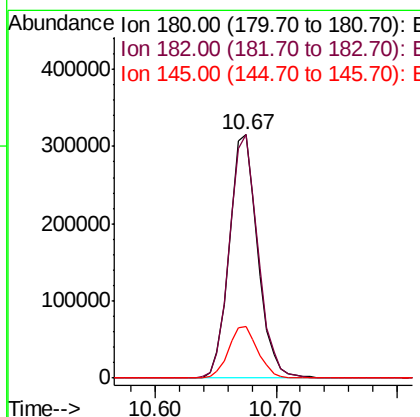
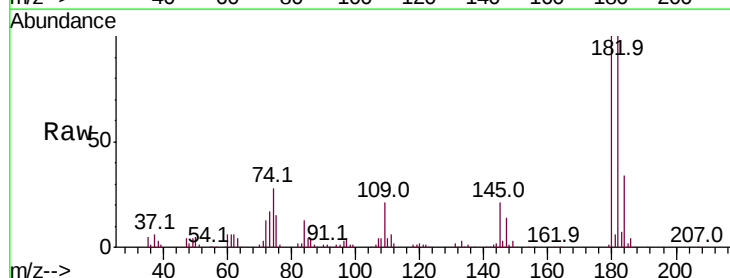
Instrument :
 BNA_M
 ClientSampleId :

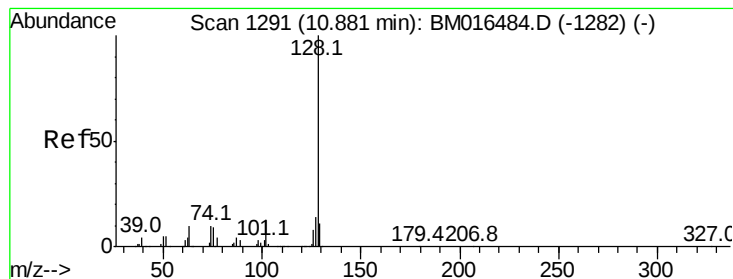
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.8	82.8
98	25.0	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 48.478 ng
 RT: 10.67 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	77.6	116.4
145	21.0	23.4	35.2

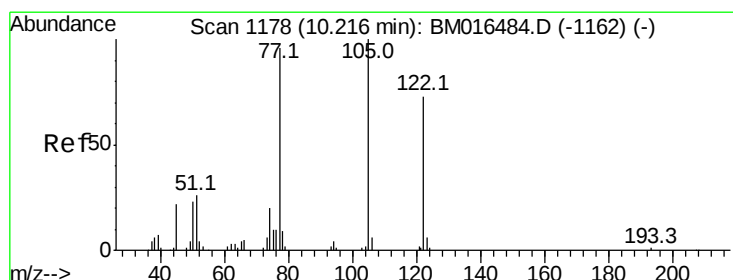
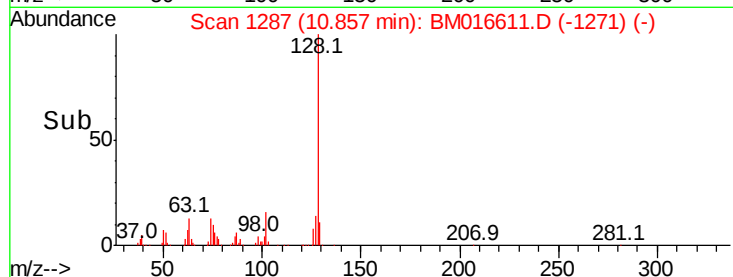
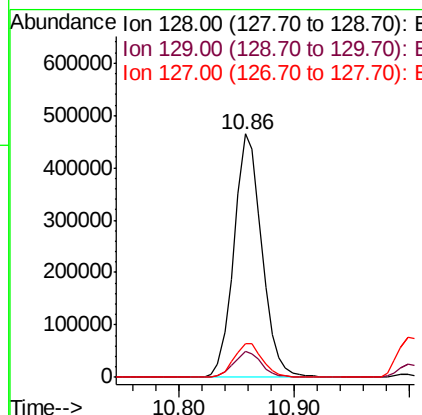
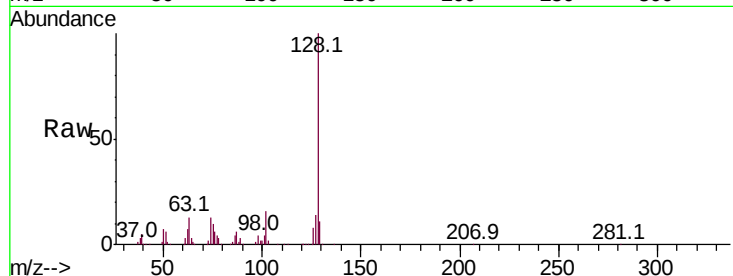




#31
Naphthalene
Concen: 42.384 ng
RT: 10.86 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

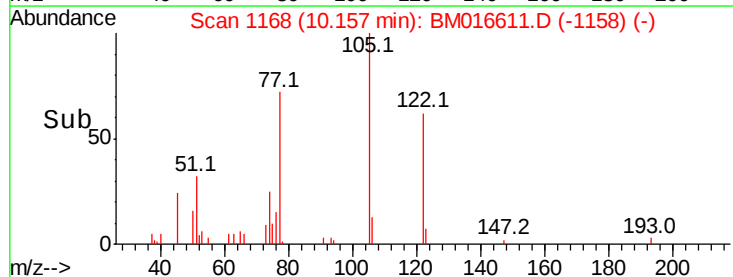
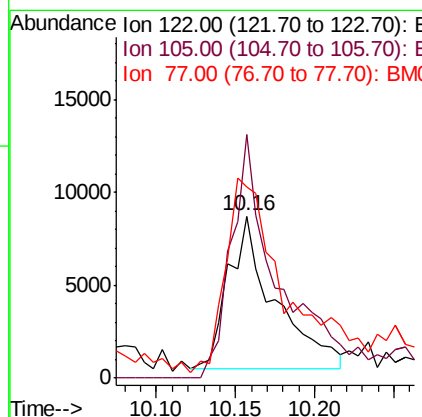
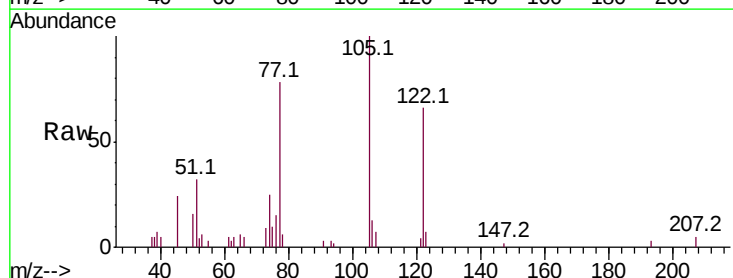
Instrument :
BNA_M
ClientSampleId :

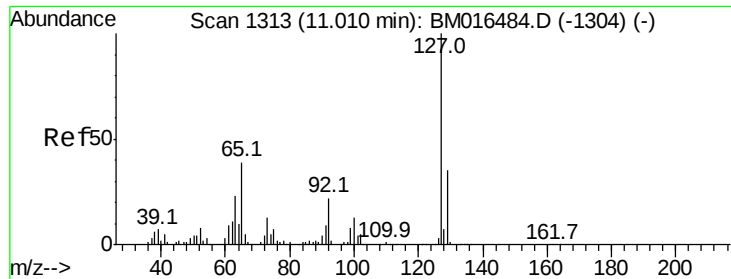
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.9	10.4	15.6



#32
Benzoic acid
Concen: 4.294 ng
RT: 10.16 min Scan# 1168
Delta R.T. -0.04 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	150.5	99.9	139.9#
77	118.1	73.7	113.7#

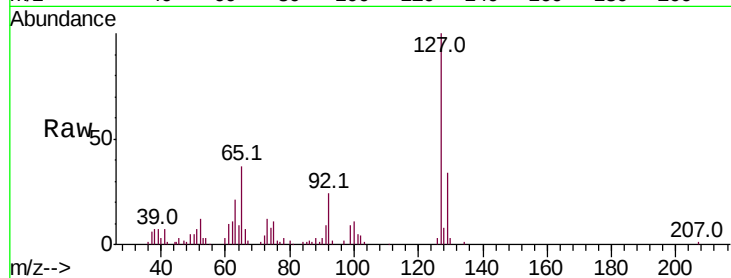




#33
4-Chloroaniline
Concen: 19.840 ng
RT: 11.00 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	153250
Ion	Ratio	Lower	Upper
127	100		
129	34.5	25.3	37.9
65	36.9	17.6	26.4
92	23.8	13.1	19.7



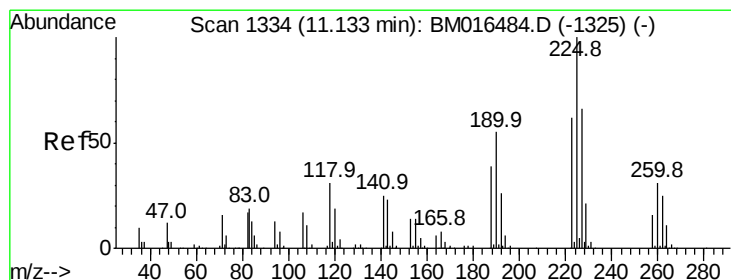
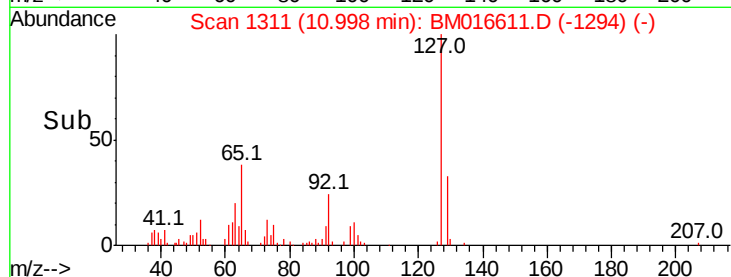
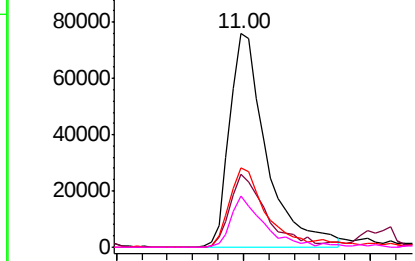
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

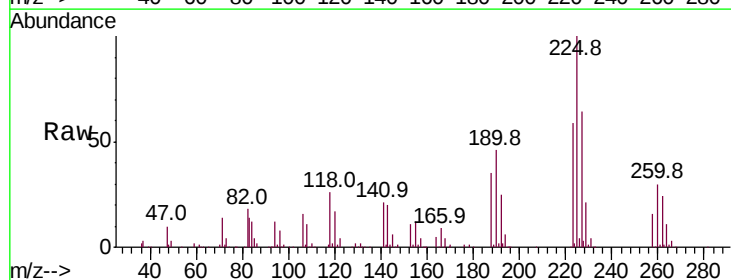
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 52.471 ng
RT: 11.11 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion:	225	Resp:	534165
Ion	Ratio	Lower	Upper
225	100		
223	58.7	47.9	71.9
227	63.6	50.1	75.1

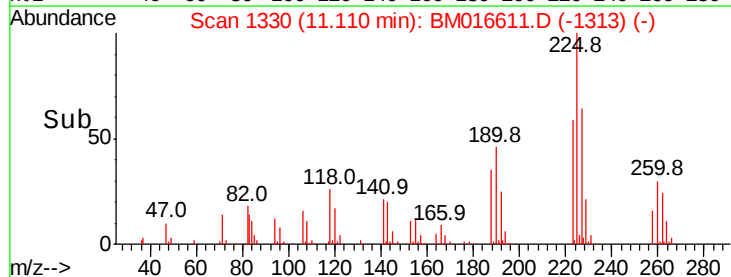
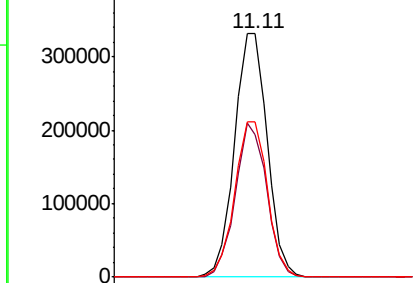


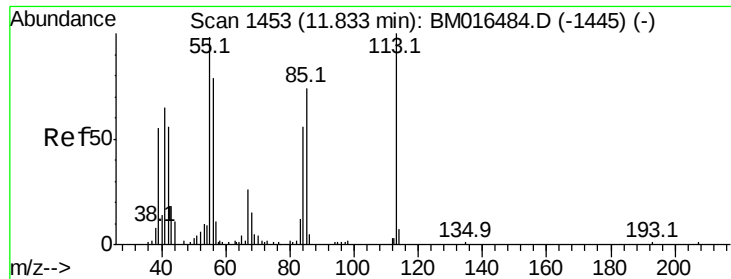
Abundance

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

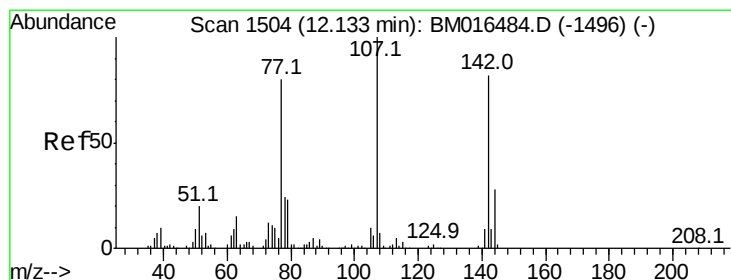
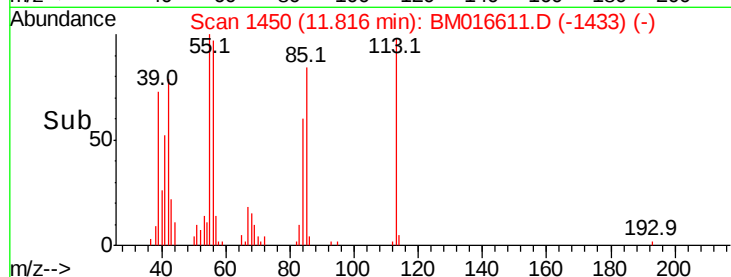
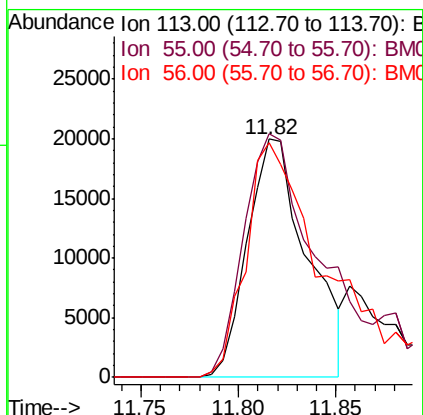
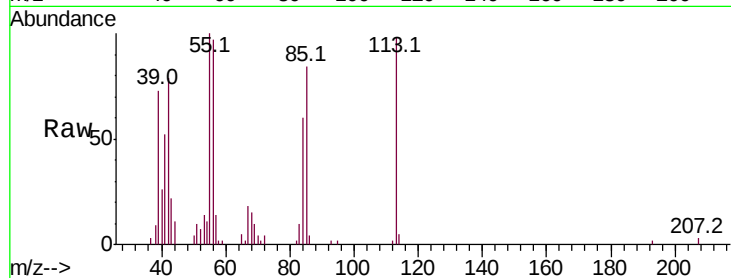




#35
 Caprolactam
 Concen: 25.166 ng
 RT: 11.82 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

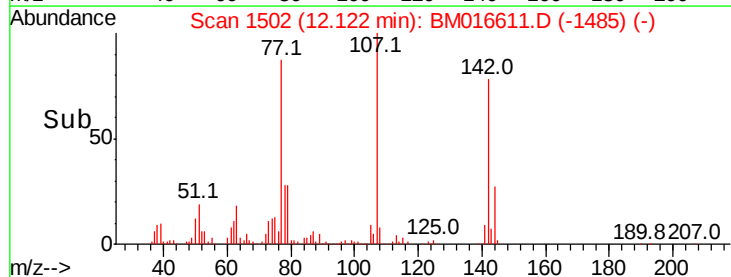
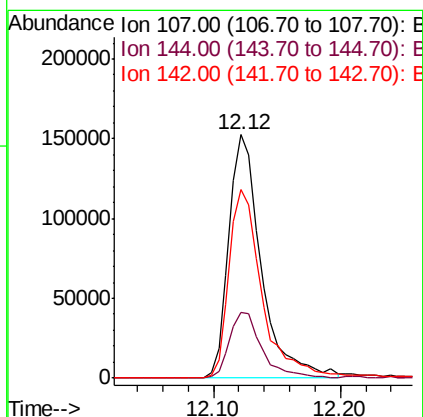
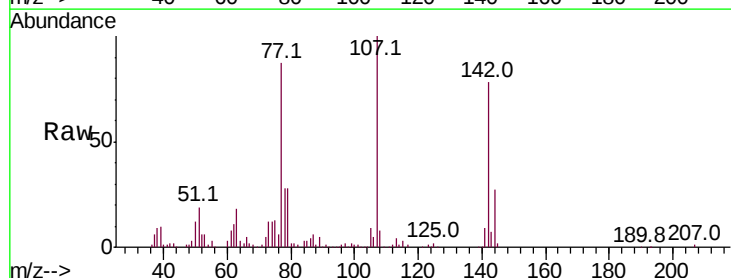
Instrument :
 BNA_M
 ClientSampled :

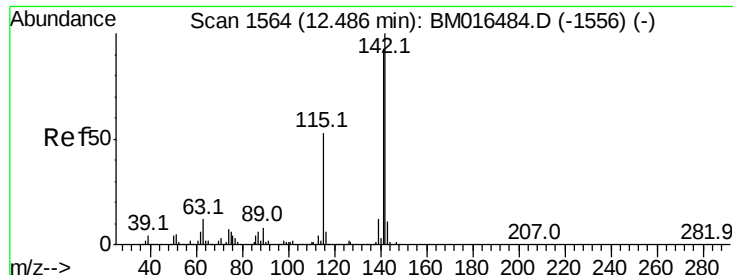
Tot Ion:113 Resp: 42447
 Ion Ratio Lower Upper
 113 100
 55 102.3 145.9 185.9#
 56 98.8 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 40.188 ng
 RT: 12.12 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion:107 Resp: 271571
 Ion Ratio Lower Upper
 107 100
 144 26.8 23.3 34.9
 142 77.7 72.6 109.0

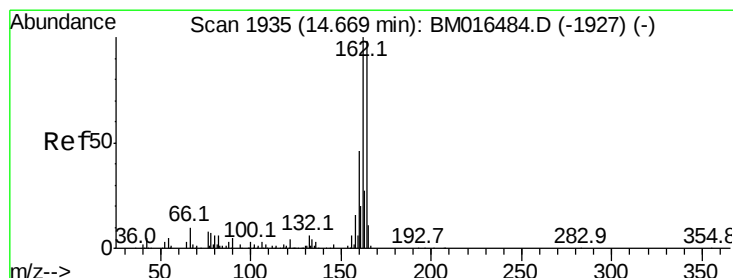
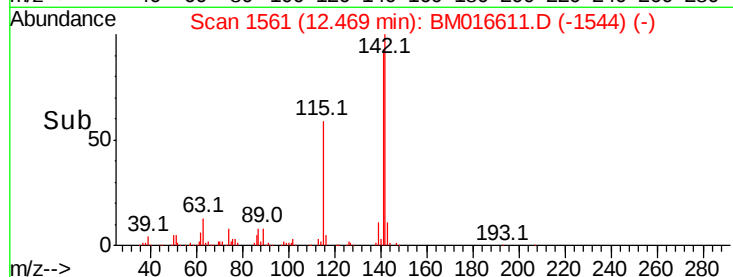
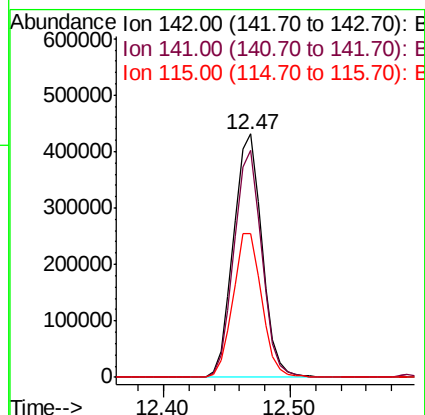
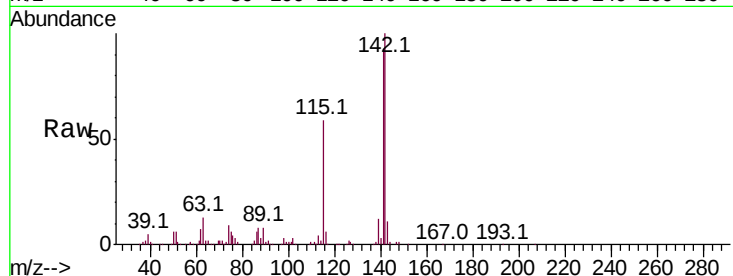




#37
2-Methylnaphthalene
Concen: 46.707 ng
RT: 12.47 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

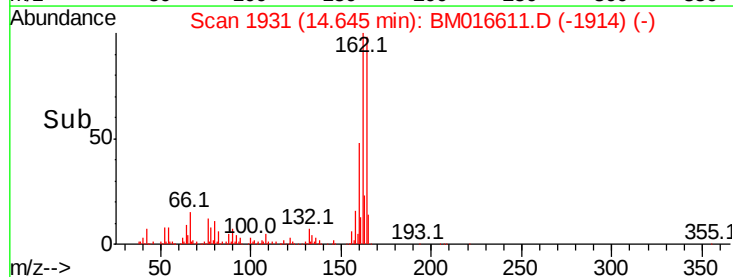
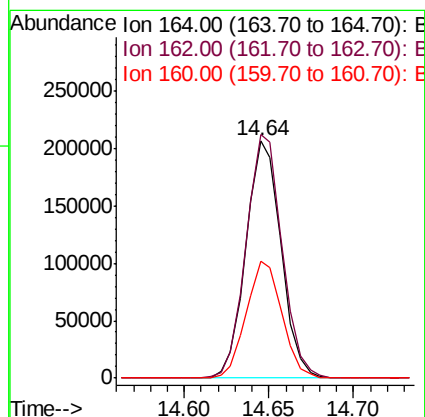
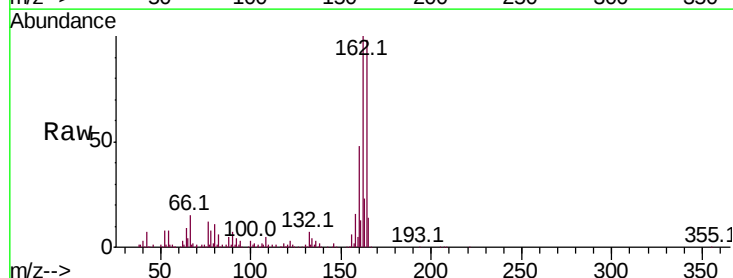
Instrument :
BNA_M
ClientSampleId :

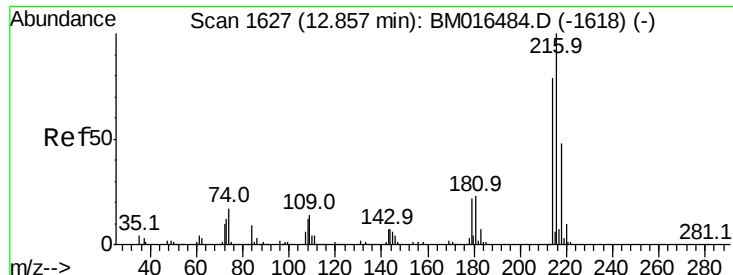
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	71.9	107.9
115	58.9	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.4	123.6
160	49.3	35.8	53.6

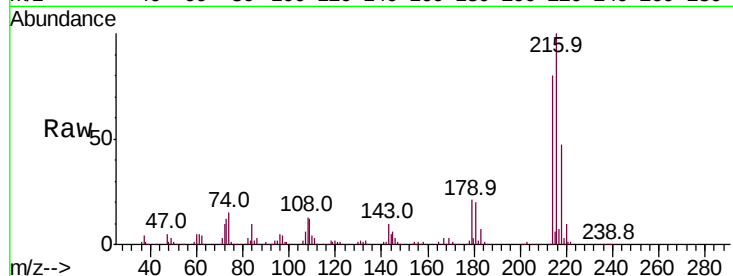




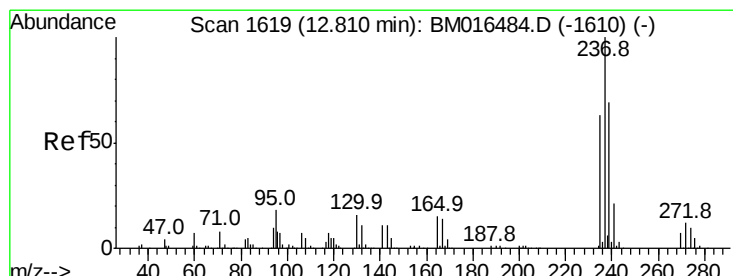
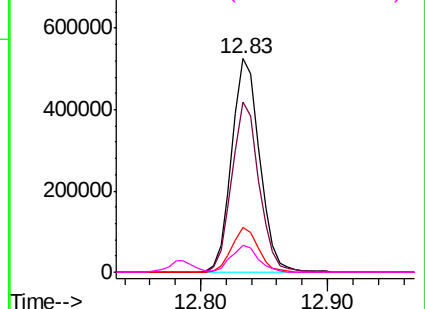
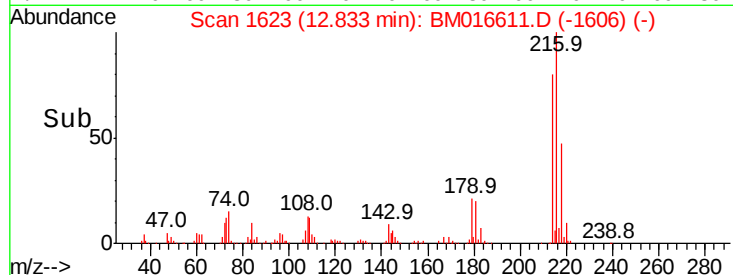
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.400 ng
 RT: 12.83 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	801004
Ion	Ratio	Lower	Upper
216	100		
214	77.9	0.0	0.0#
179	20.0	0.0	0.0#
108	12.4	0.0	0.0#

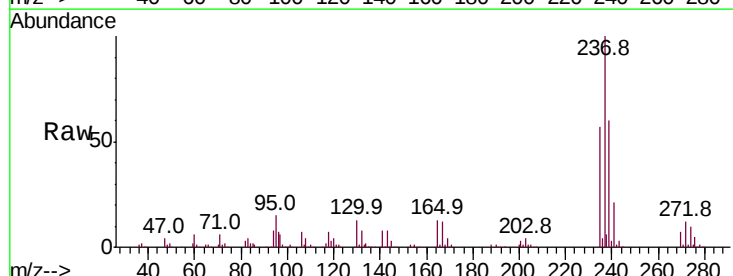


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

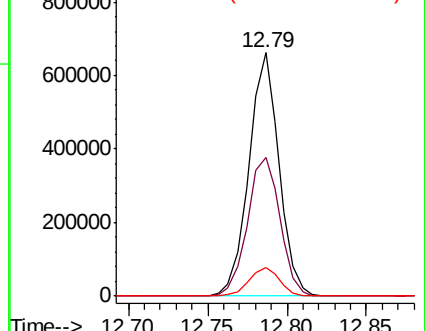
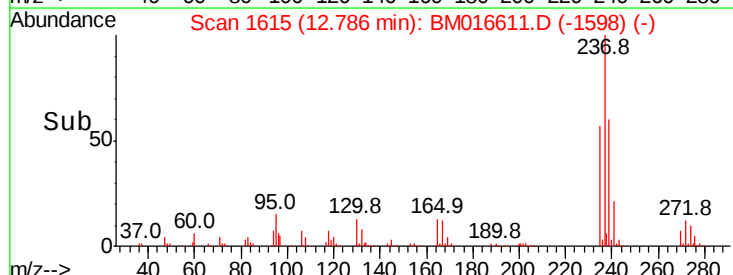


#40
 Hexachlorocyclopentadiene
 Concen: 102.324 ng
 RT: 12.79 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion:	237	Resp:	872205
Ion	Ratio	Lower	Upper
237	100		
235	56.9	42.0	82.0
272	11.6	0.0	33.4



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

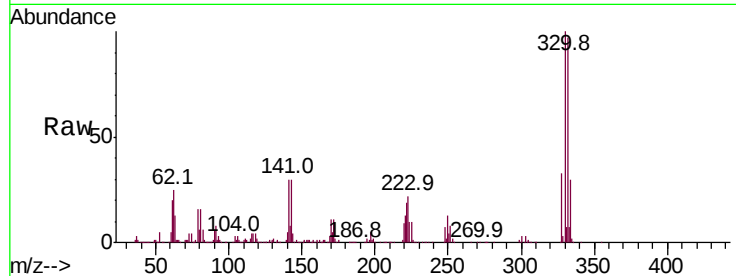




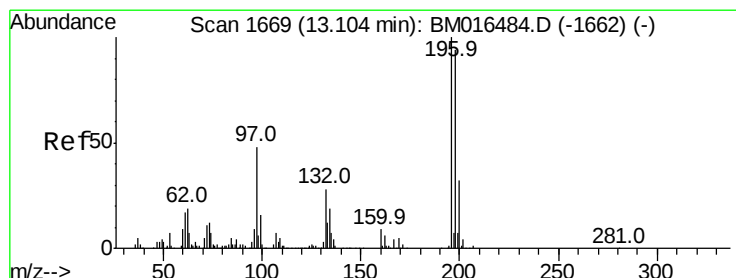
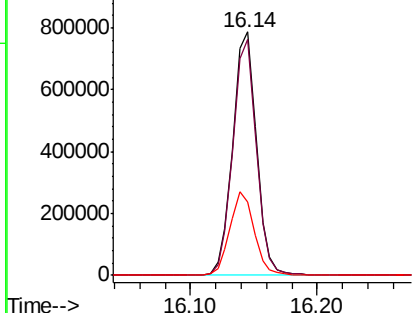
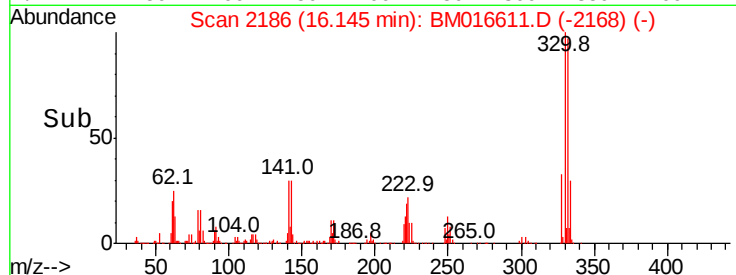
#41
 2,4,6-Tribromophenol
 Concen: 121.786 ng
 RT: 16.14 min Scan# 2186
 Delta R.T. 0.01 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1018654
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 35.0 0.0 0.0#

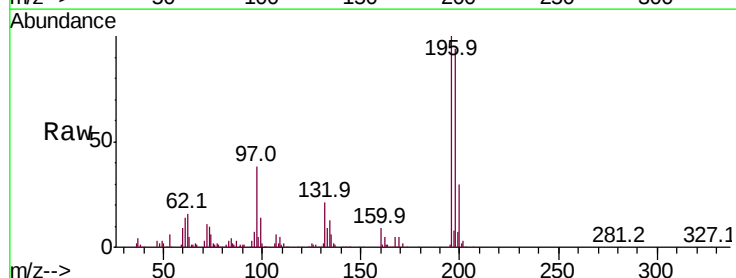


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

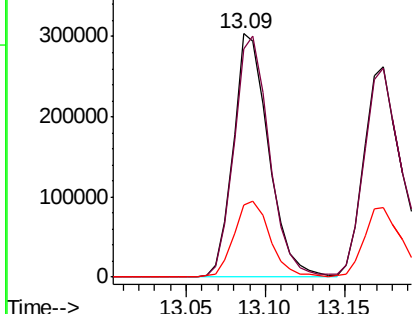
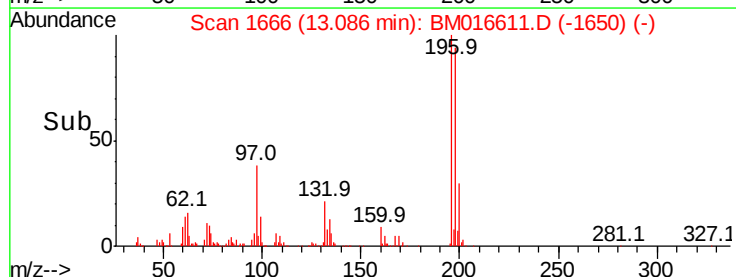


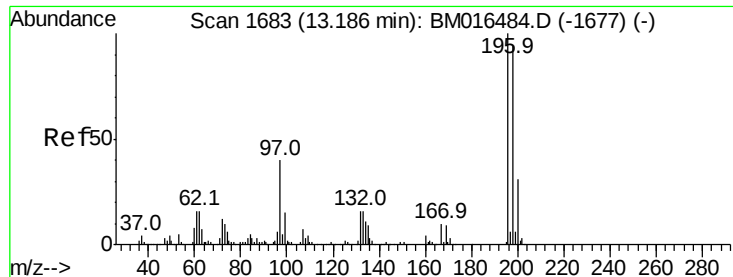
#42
 2,4,6-Trichlorophenol
 Concen: 46.687 ng
 RT: 13.09 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion:196 Resp: 471786
 Ion Ratio Lower Upper
 196 100
 198 93.6 76.3 114.5
 200 29.8 25.6 38.4



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

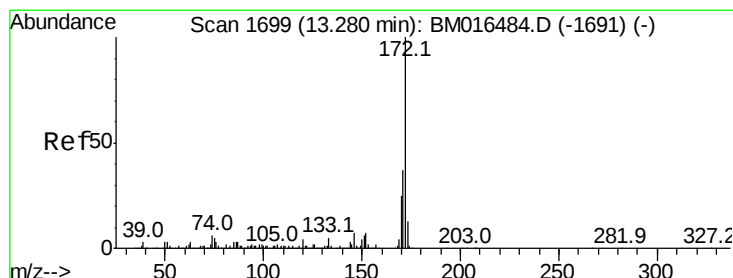
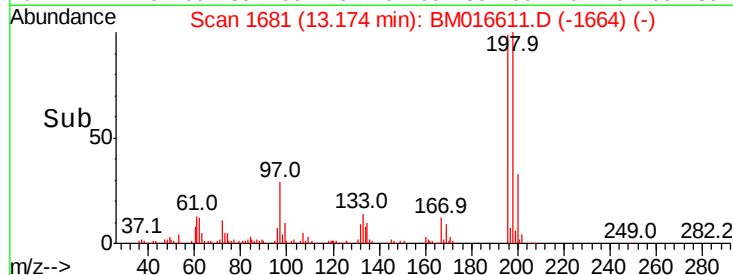
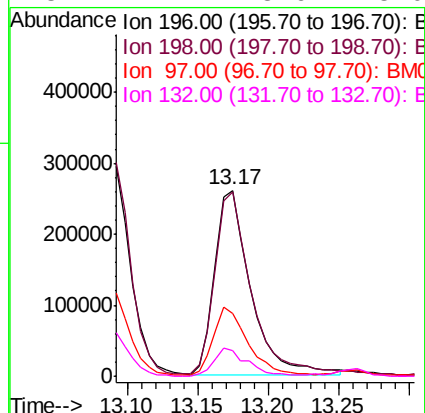
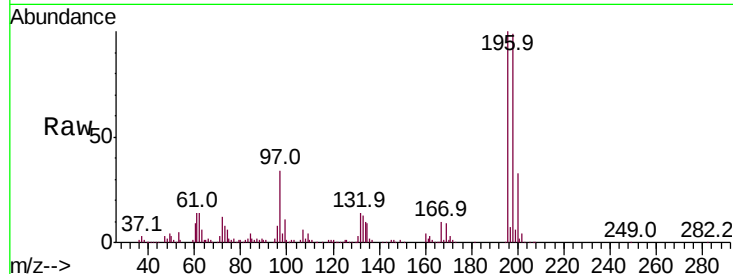




#43
2,4,5-Trichlorophenol
Concen: 46.711 ng
RT: 13.17 min Scan# 1681
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

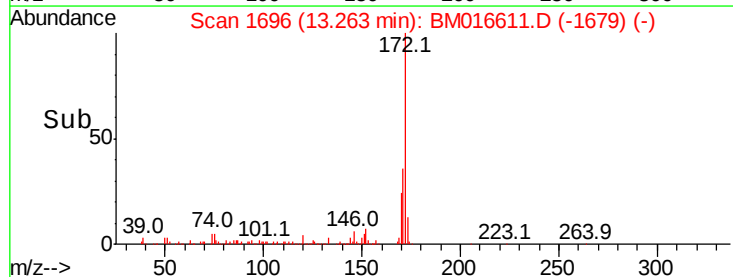
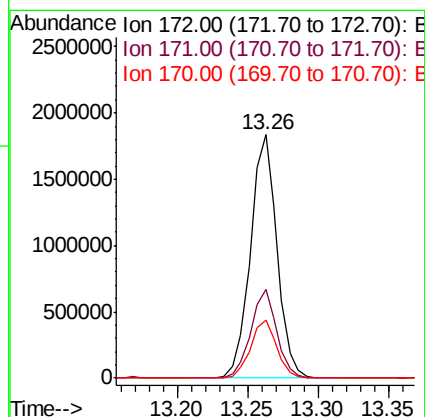
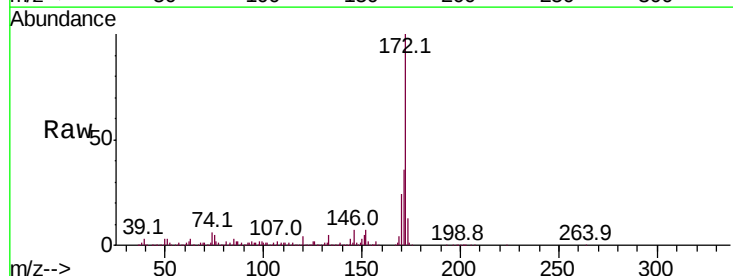
Instrument :
BNA_M
ClientSampleId :

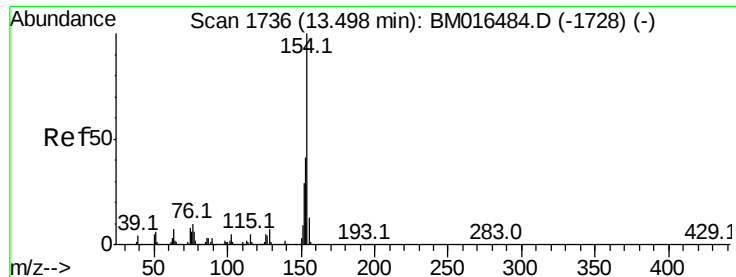
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.5	79.4	119.0
97	33.7	26.8	40.2
132	14.1	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 77.622 ng
RT: 13.26 min Scan# 1696
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	23.9	18.8	28.2





#45

1,1'-Biphenyl

Concen: 36.380 ng

RT: 13.47 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

ClientSampleId :

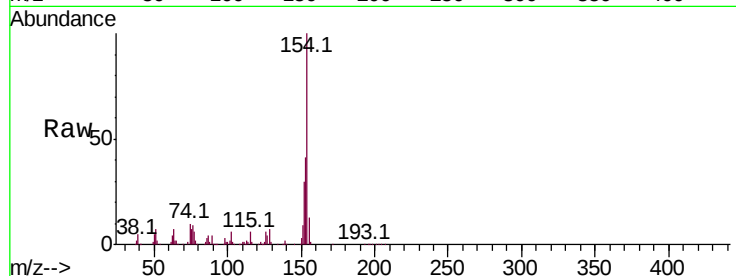
Tot Ion:154 Resp: 954484

Ion Ratio Lower Upper

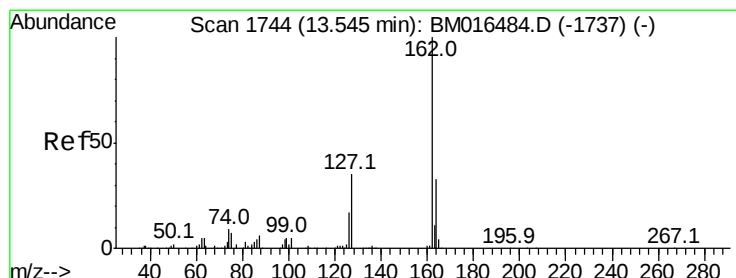
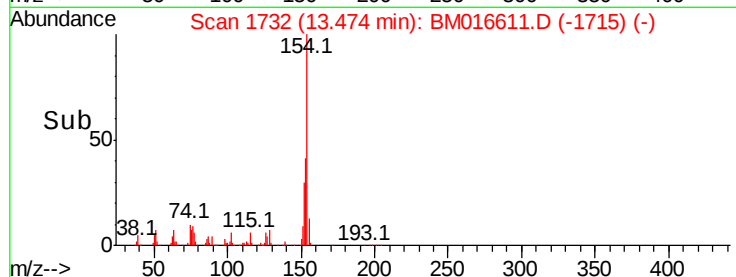
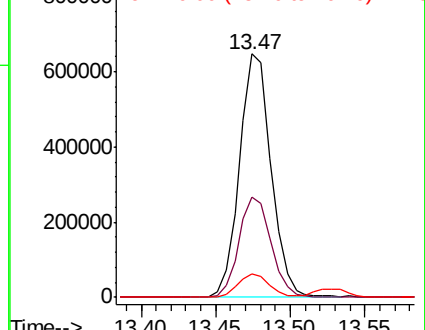
154 100

153 41.0 20.7 60.7

76 9.5 0.0 30.9



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



#46

2-Chloronaphthalene

Concen: 36.747 ng

RT: 13.53 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

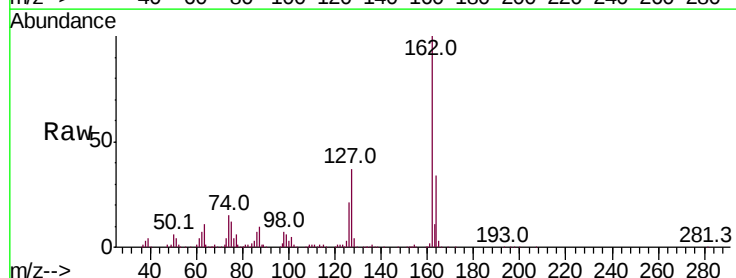
Tgt Ion:162 Resp: 783276

Ion Ratio Lower Upper

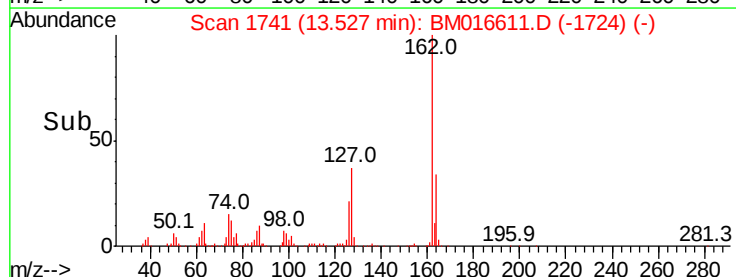
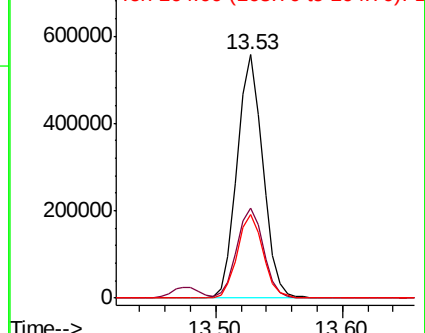
162 100

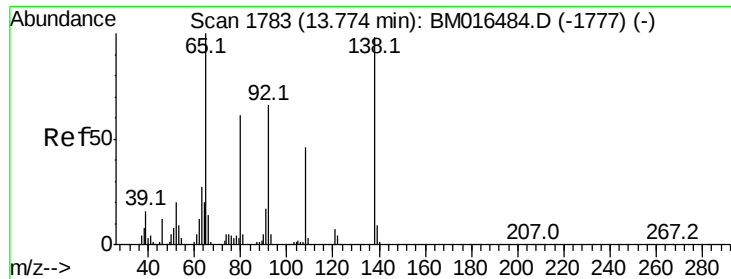
127 36.9 26.9 40.3

164 34.1 26.8 40.2



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

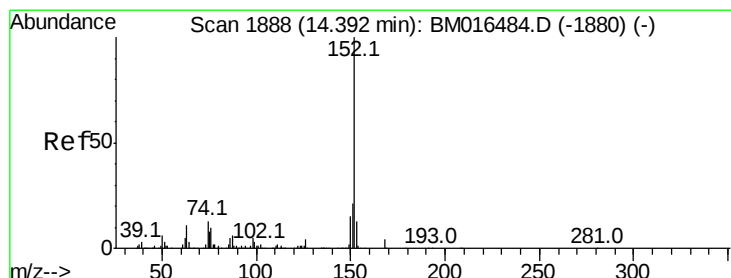
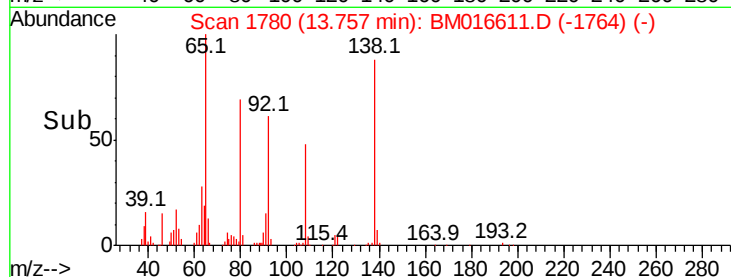
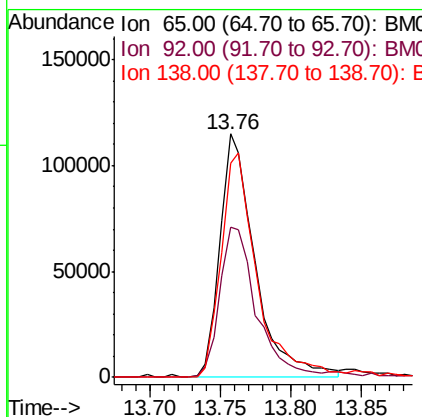
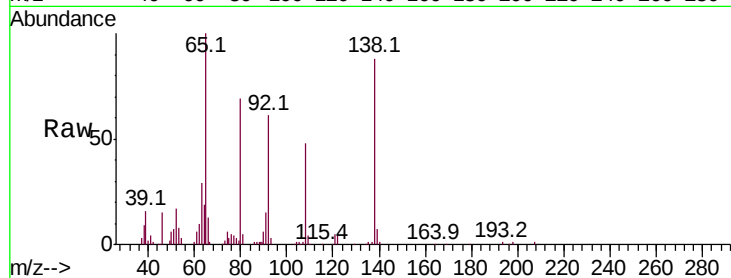




#47
2-Nitroaniline
Concen: 35.220 ng
RT: 13.76 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

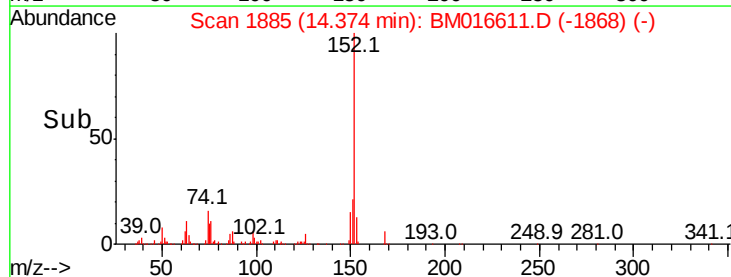
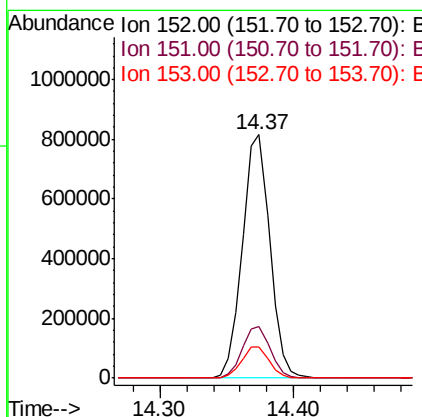
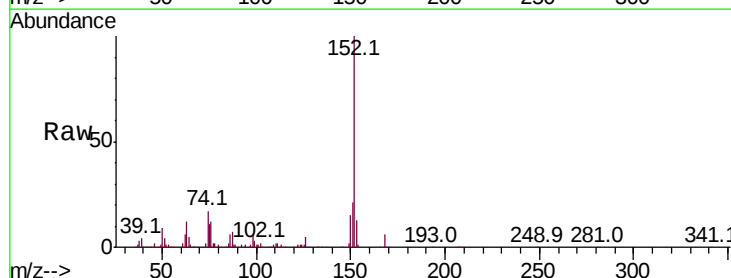
Instrument :
BNA_M
ClientSampleId :

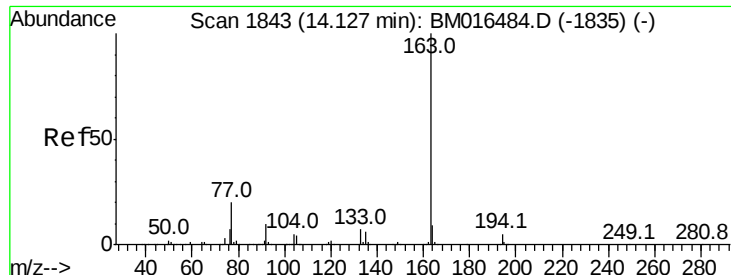
Tot Ion: 65 Resp: 199959
Ion Ratio Lower Upper
65 100
92 61.5 59.1 88.7
138 88.2 93.9 140.9#



#48
Acenaphthylene
Concen: 38.540 ng
RT: 14.37 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion:152 Resp: 1159605
Ion Ratio Lower Upper
152 100
151 21.3 15.9 23.9
153 13.0 10.6 16.0

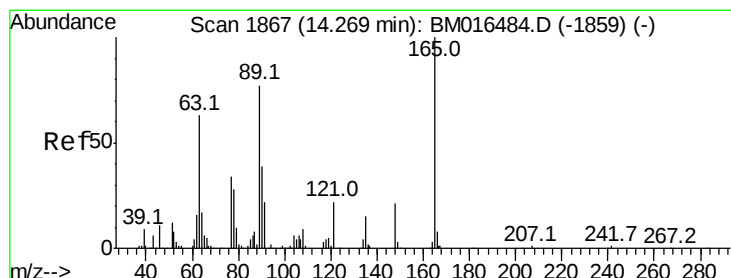
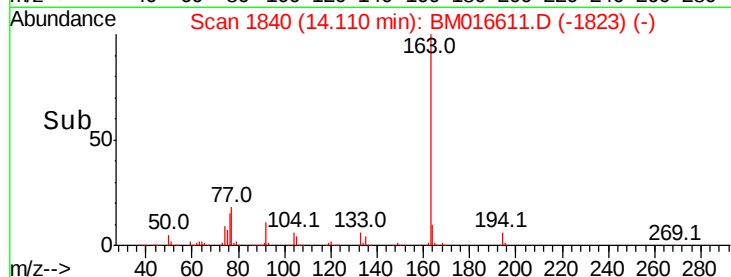
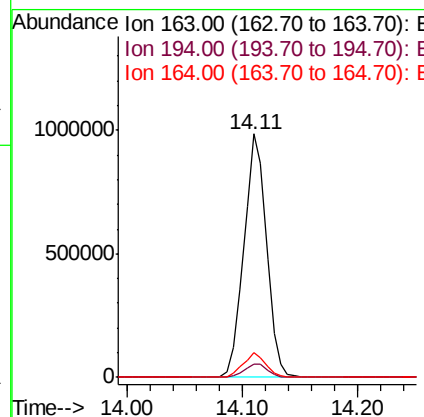
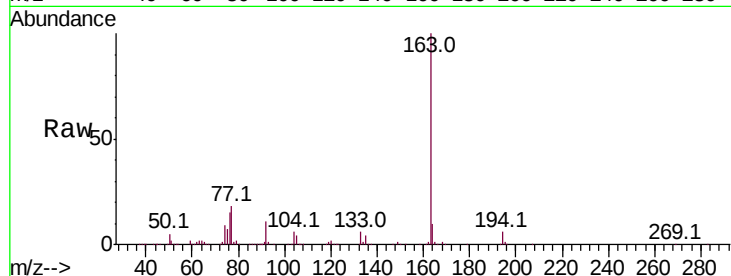




#49
Dimethylphthalate
Concen: 46.500 ng
RT: 14.11 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

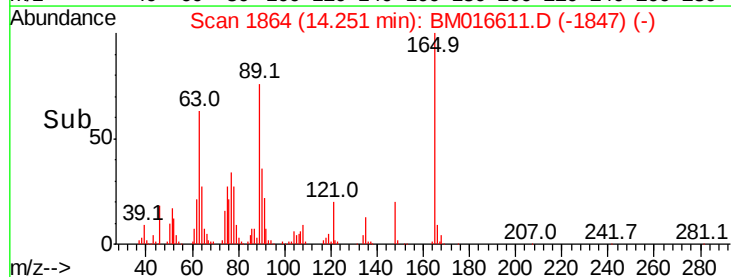
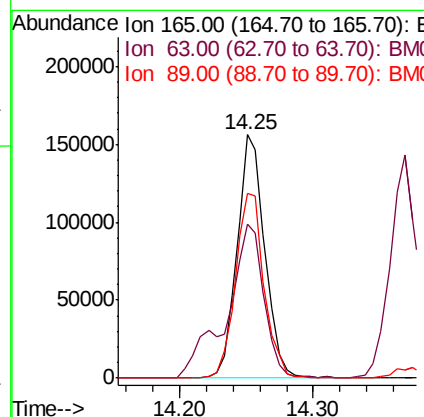
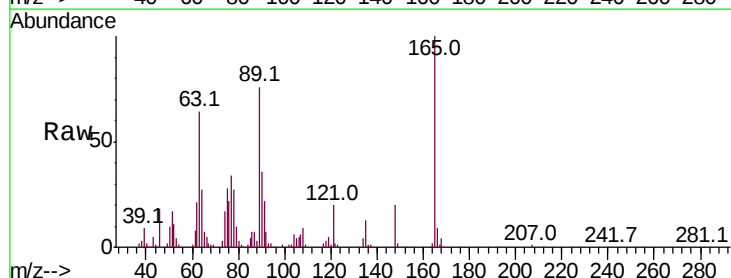
Instrument :
BNA_M
ClientSampled :

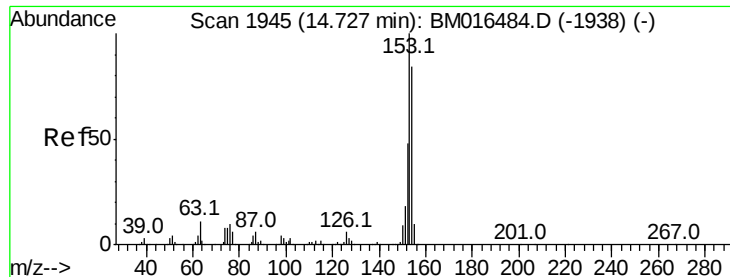
Tot Ion:163 Resp: 1336693
Ion Ratio Lower Upper
163 100
194 5.7 2.7 4.1#
164 10.3 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 40.089 ng
RT: 14.25 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion:165 Resp: 224779
Ion Ratio Lower Upper
165 100
63 63.5 44.1 66.1
89 75.9 44.3 66.5#





#51

Acenaphthene

Concen: 37.400 ng

RT: 14.71 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

ClientSampleId :

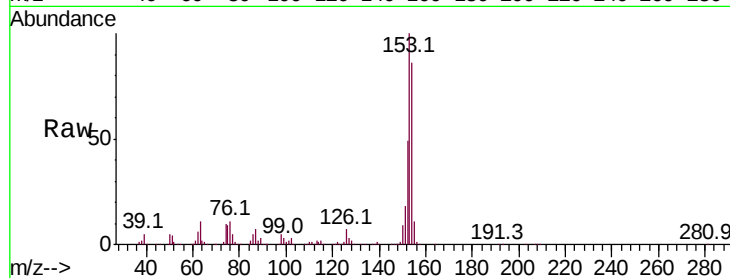
Tot Ion:154 Resp: 691324

Ion Ratio Lower Upper

154 100

153 116.3 90.0 135.0

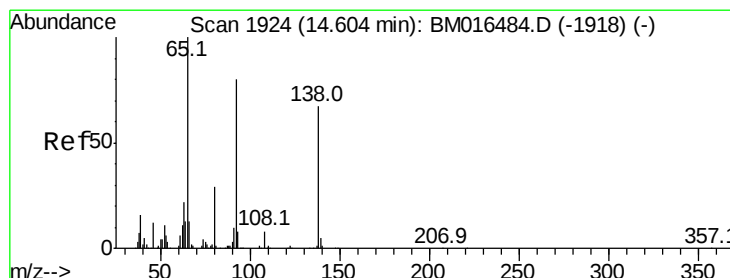
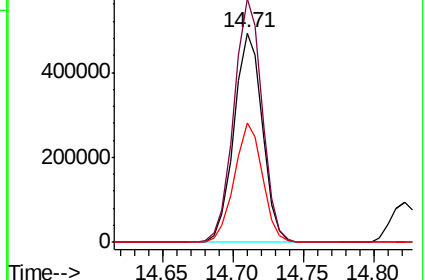
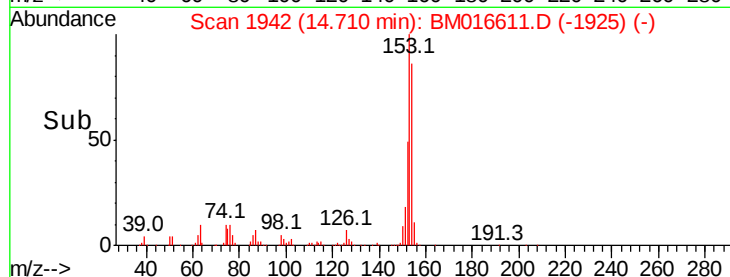
152 57.0 42.6 63.8



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



#52

3-Nitroaniline

Concen: 22.070 ng

RT: 14.59 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

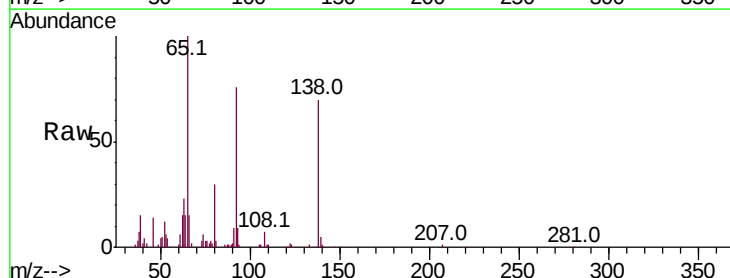
Tgt Ion:138 Resp: 112596

Ion Ratio Lower Upper

138 100

108 9.4 7.3 10.9

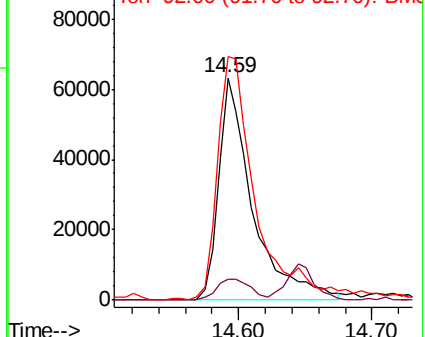
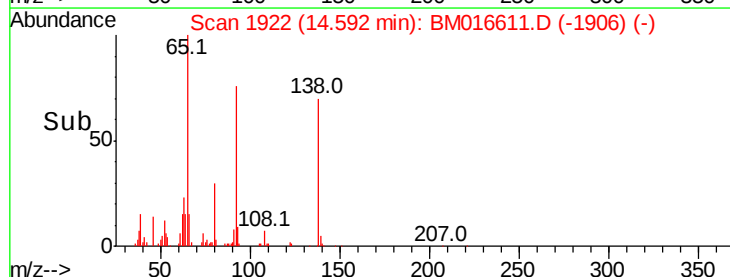
92 109.6 76.6 114.8

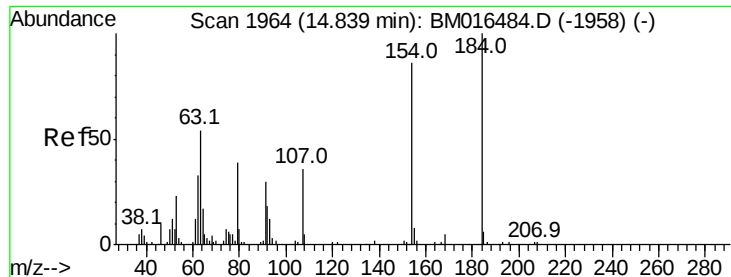


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

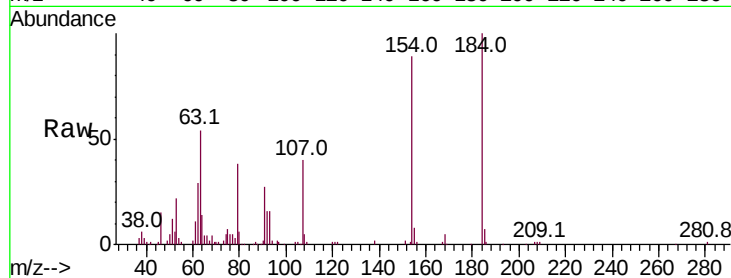




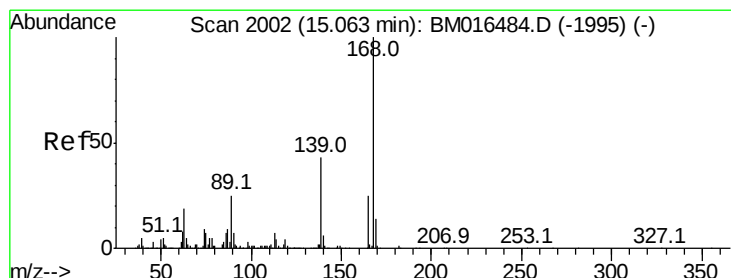
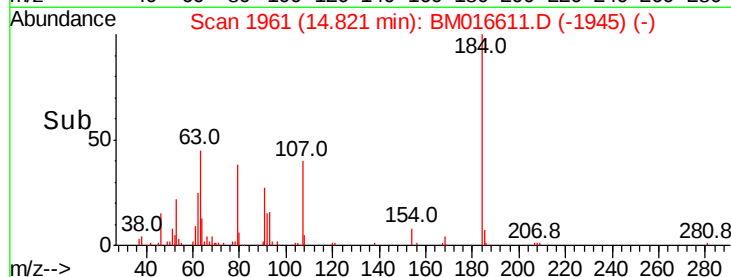
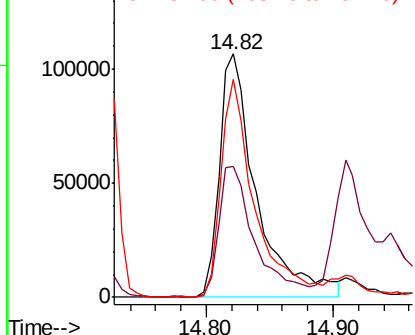
#53
2,4-Dinitrophenol
Concen: 77.491 ng
RT: 14.82 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 217435
Ion Ratio Lower Upper
184 100
63 53.7 69.2 103.8#
154 89.4 53.3 79.9#

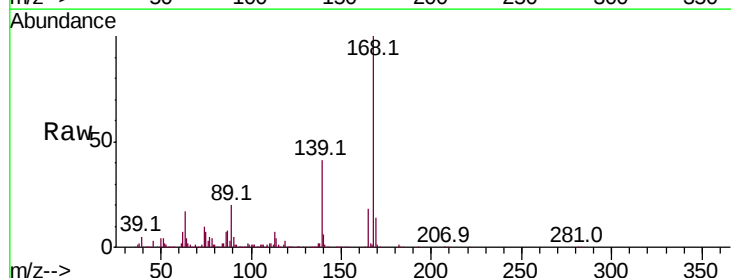


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

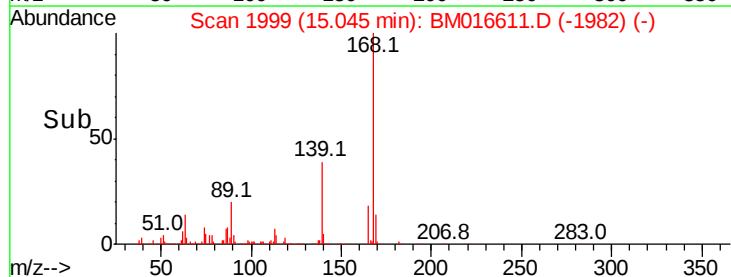
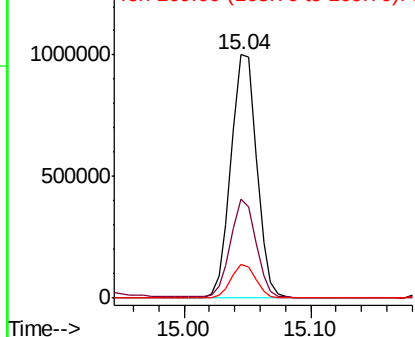


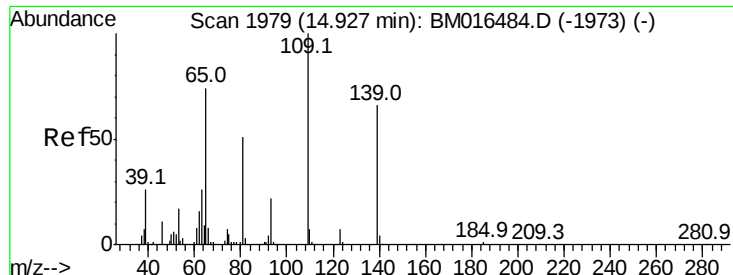
#54
Dibenzofuran
Concen: 39.923 ng
RT: 15.04 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion:168 Resp: 1412692
Ion Ratio Lower Upper
168 100
139 40.8 27.3 40.9
169 14.0 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

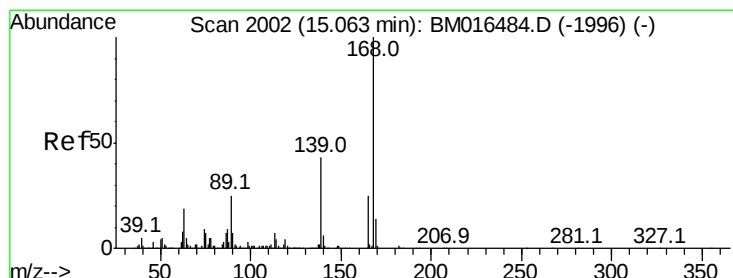
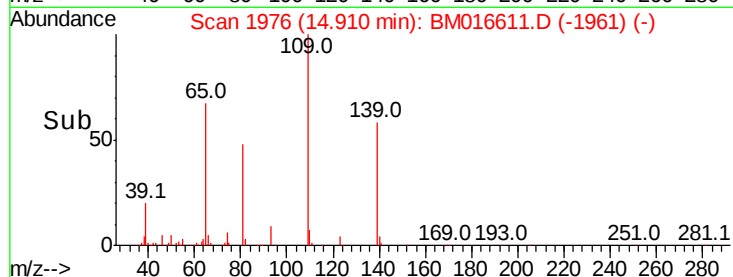
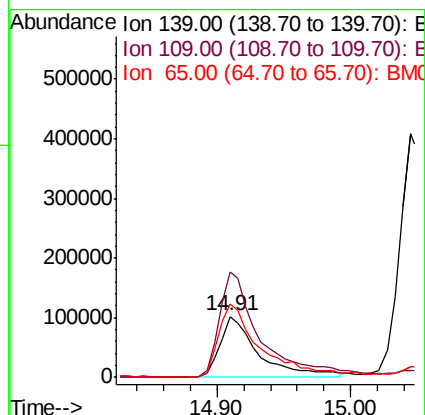
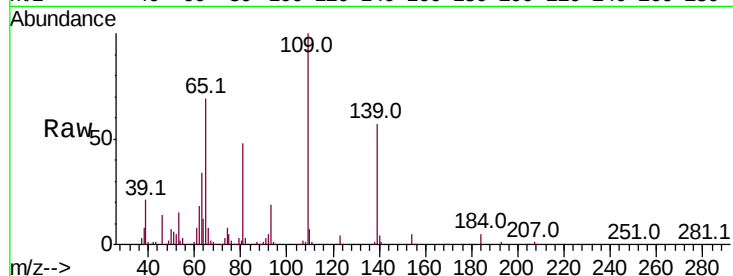




#55
4-Nitrophenol
Concen: 63.664 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

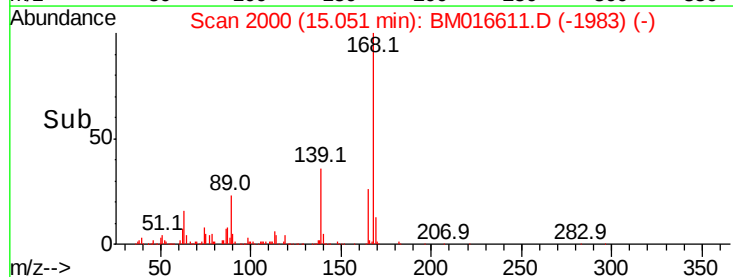
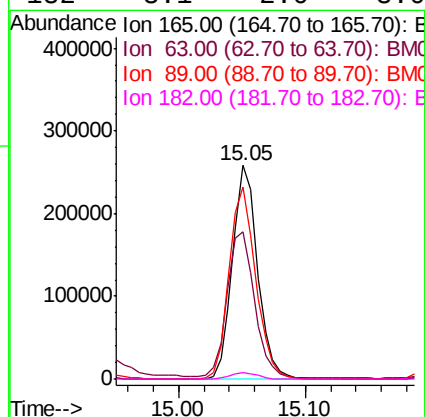
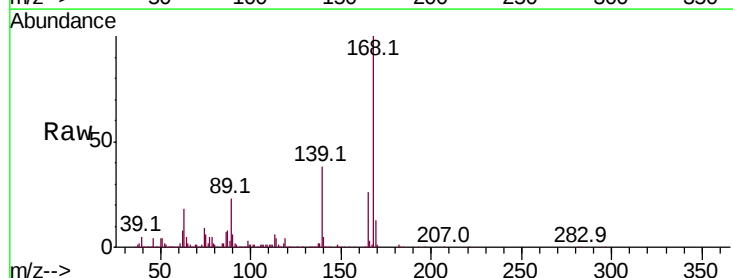
Instrument :
BNA_M
ClientSampleId :

Tot Ion:139 Resp: 207162
Ion Ratio Lower Upper
139 100
109 174.3 130.0 170.0#
65 120.0 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 37.787 ng
RT: 15.05 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion:165 Resp: 353296
Ion Ratio Lower Upper
165 100
63 68.8 52.4 78.6
89 89.8 72.4 108.6
182 3.1 2.0 3.0#



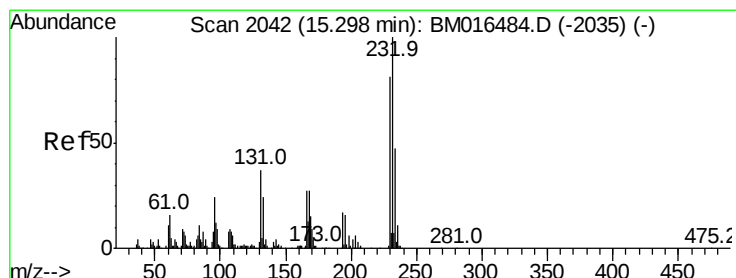
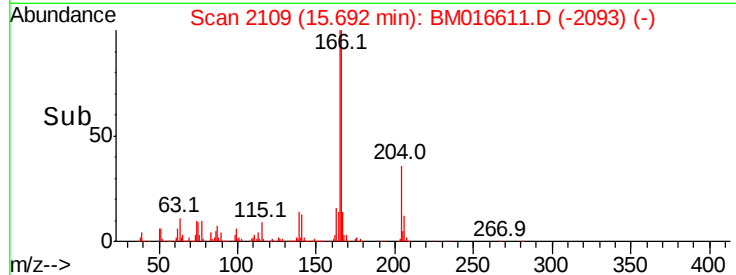
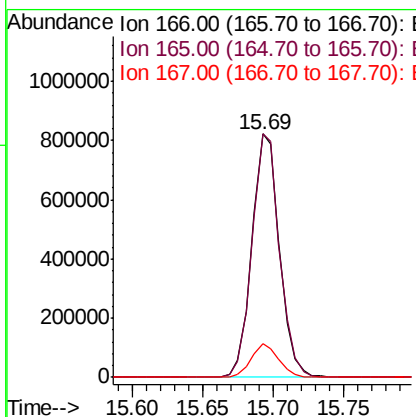
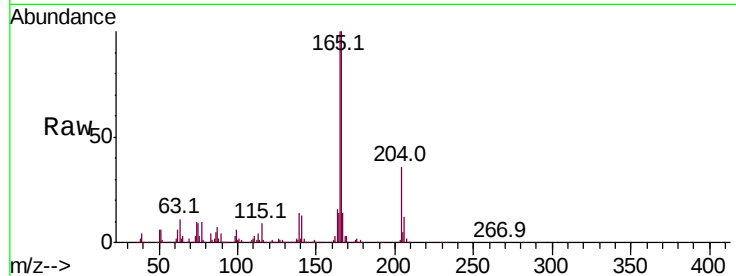


#57
 Fluorene
 Concen: 42.299 ng
 RT: 15.69 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:166 Resp: 1130708

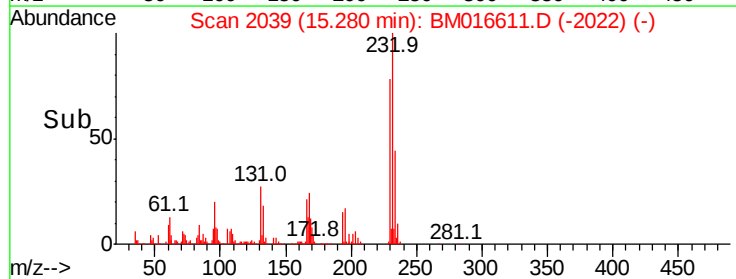
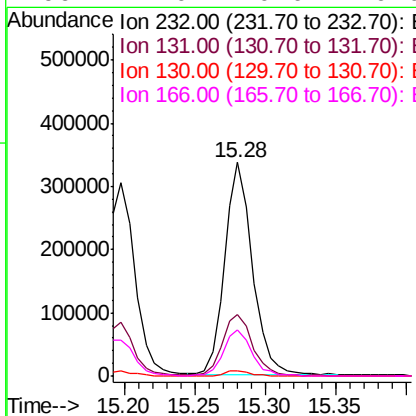
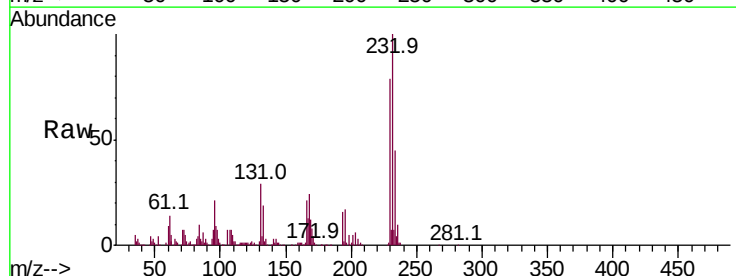
Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.0	118.4
167	14.1	10.3	15.5

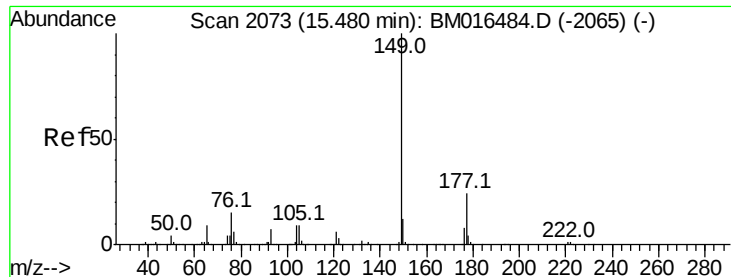


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.564 ng
 RT: 15.28 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion:232 Resp: 460743

Ion	Ratio	Lower	Upper
232	100		
131	30.7	0.0	0.0#
130	2.4	0.0	0.0#
166	22.0	0.0	0.0#

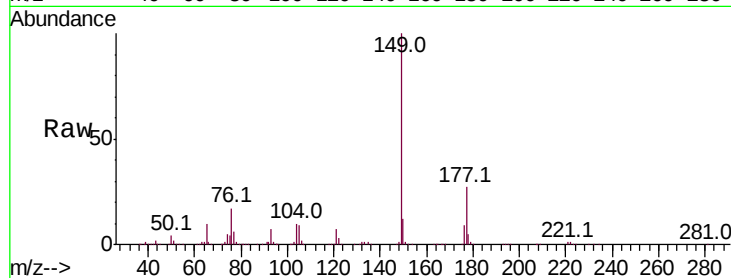




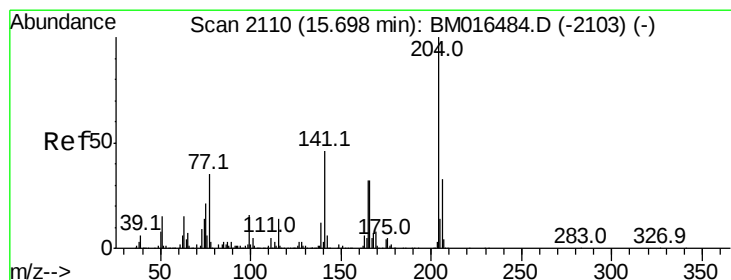
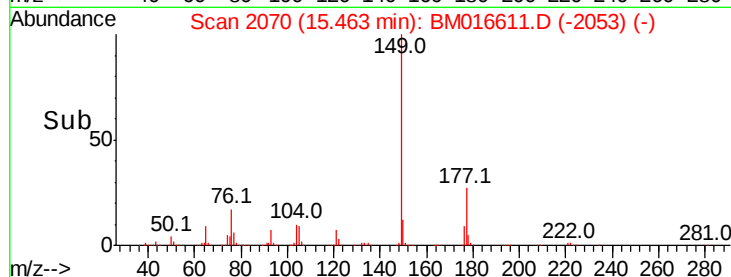
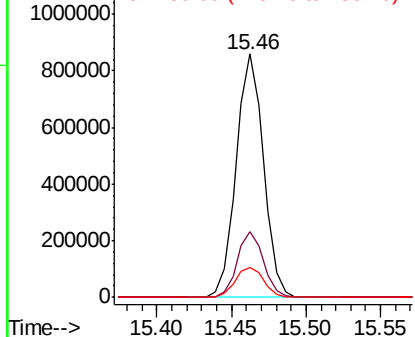
#59
Diethylphthalate
Concen: 36.598 ng
RT: 15.46 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 1096957
Ion Ratio Lower Upper
149 100
177 26.7 18.3 27.5
150 12.3 9.8 14.8

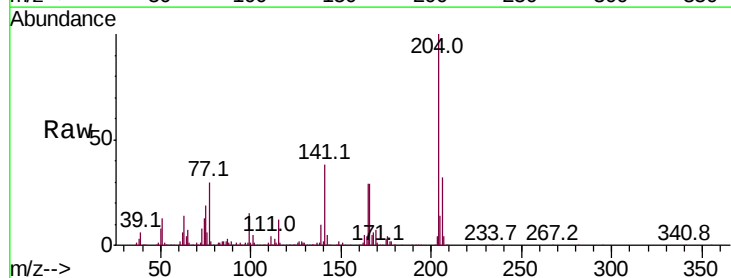


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

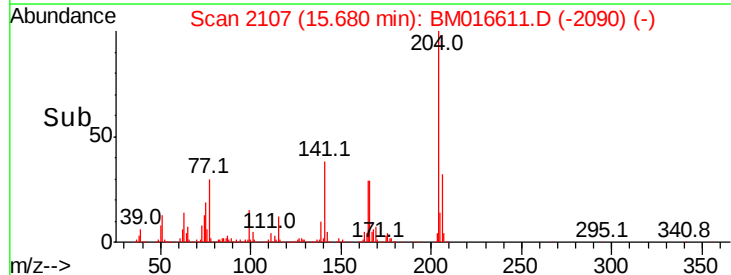
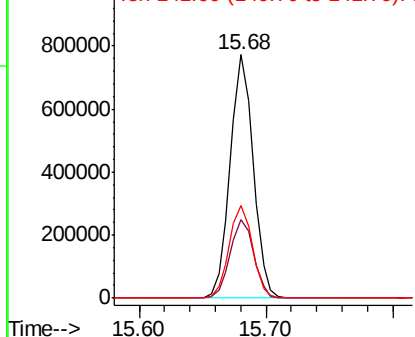


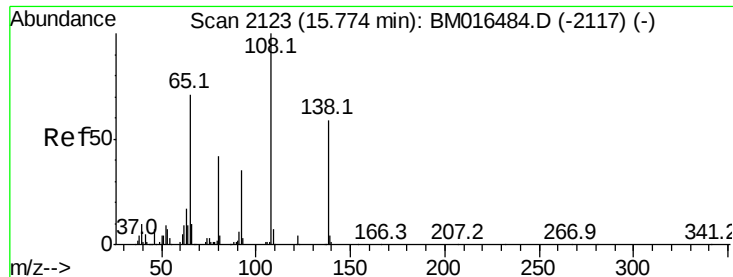
#60
4-Chlorophenyl-phenylether
Concen: 43.165 ng
RT: 15.68 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion:204 Resp: 967643
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 38.2 45.2 67.8#



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

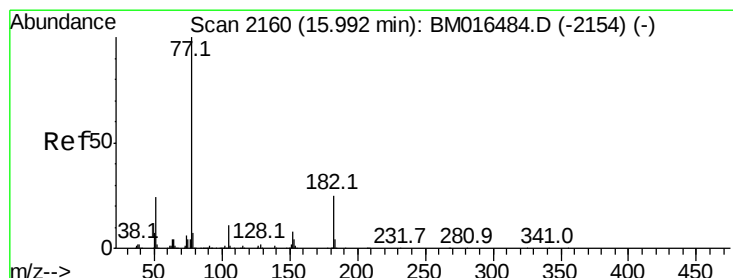
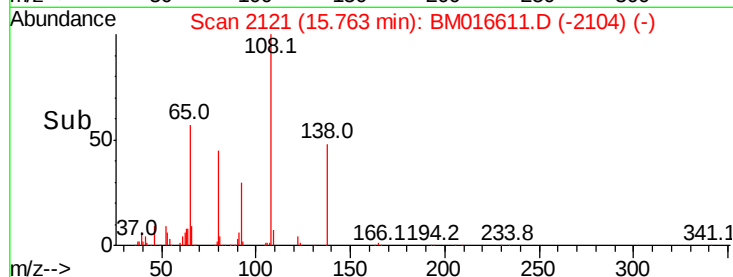
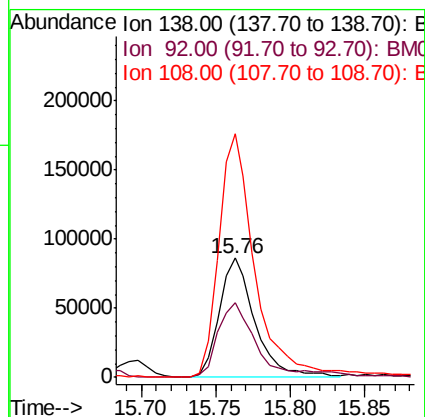
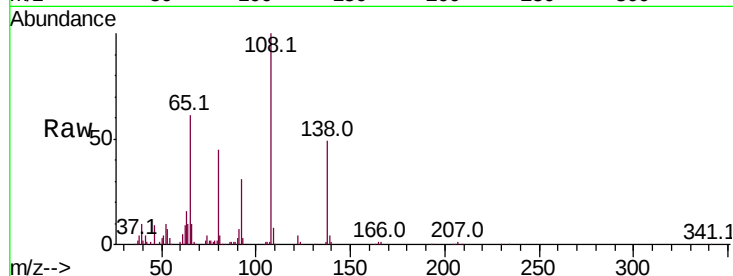




#61
4-Nitroaniline
Concen: 29.098 ng
RT: 15.76 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

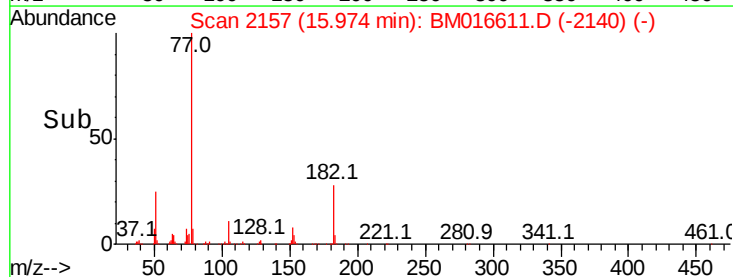
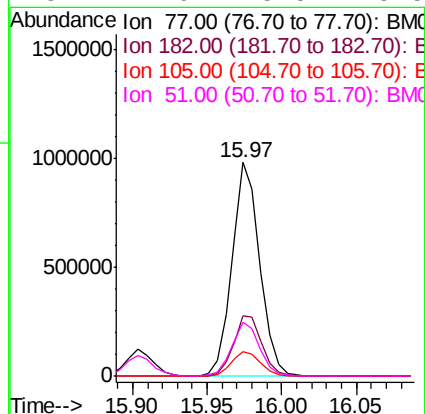
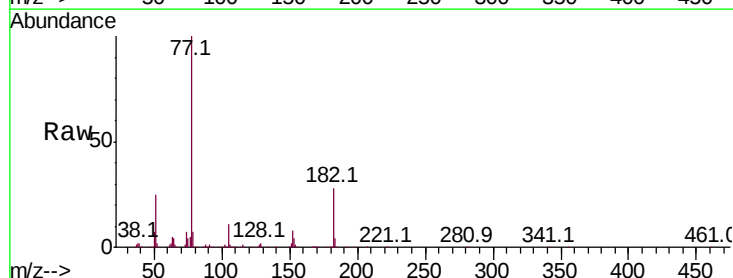
Instrument :
BNA_M
ClientSampled :

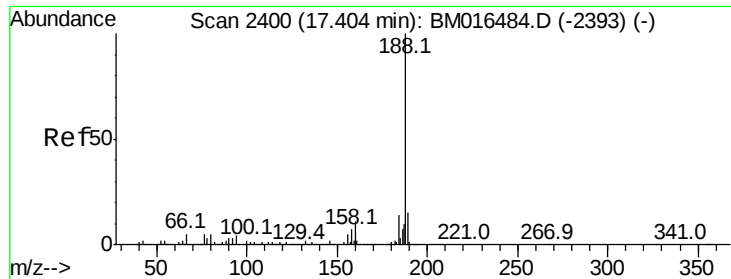
Tot Ion:138 Resp: 145081
Ion Ratio Lower Upper
138 100
92 62.8 16.7 56.7#
108 204.7 37.6 77.6#



#62
Azobenzene
Concen: 39.787 ng
RT: 15.97 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion: 77 Resp: 1270212
Ion Ratio Lower Upper
77 100
182 28.4 6.5 46.5
105 11.3 3.8 43.8
51 24.9 5.5 45.5

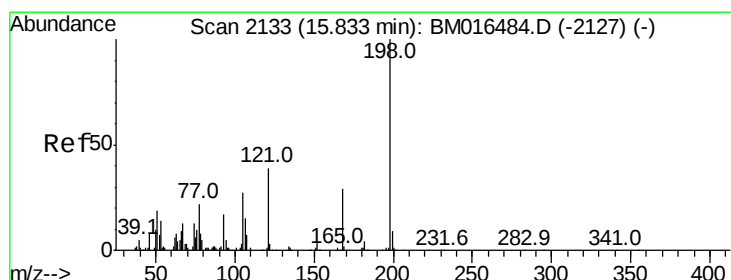
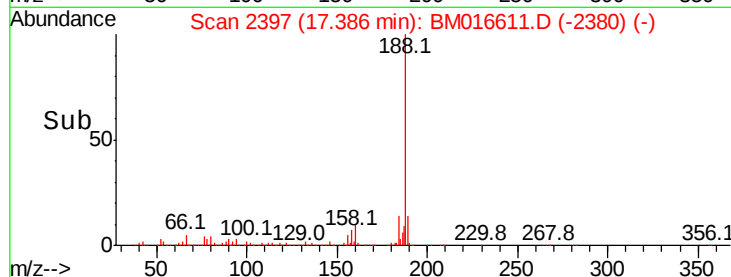
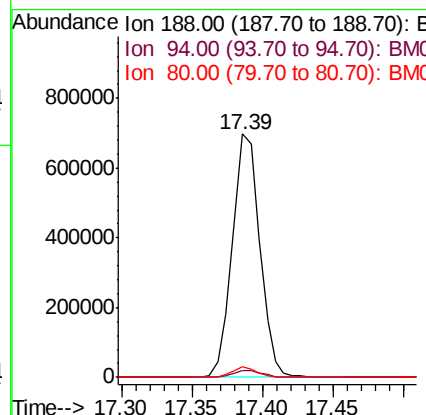
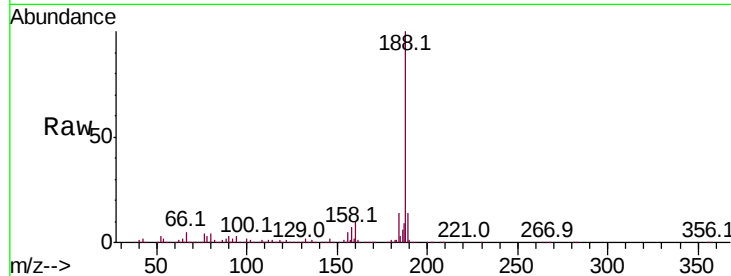




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

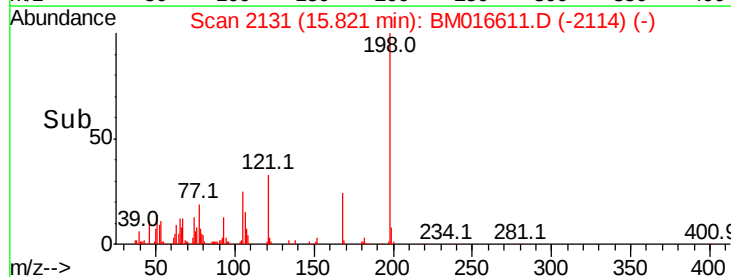
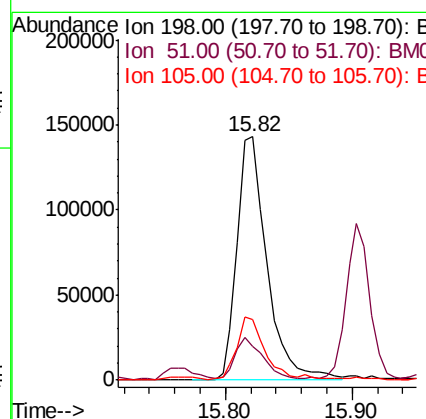
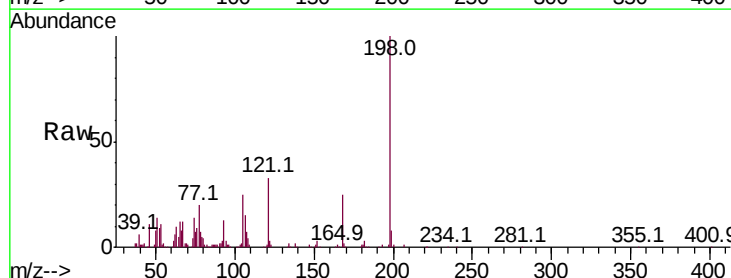
Instrument :
BNA_M
ClientSampleId :

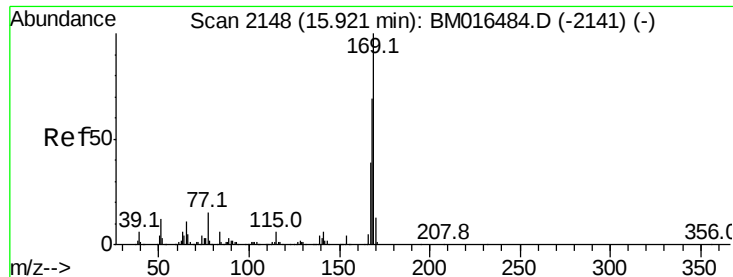
Tot Ion	Ratio	Lower	Upper
188	100		
94	3.0	8.7	13.1#
80	4.3	9.3	13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 32.478 ng
RT: 15.82 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
198	100		
51	14.0	28.8	68.8#
105	25.1	30.5	70.5#

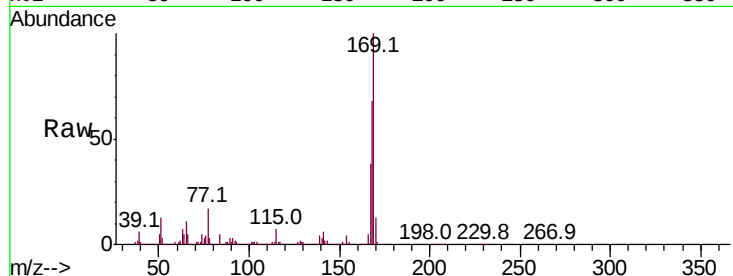




#65
 n-Nitrosodiphenylamine
 Concen: 36.197 ng
 RT: 15.90 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.9	80.9
167	37.8	28.9	43.3

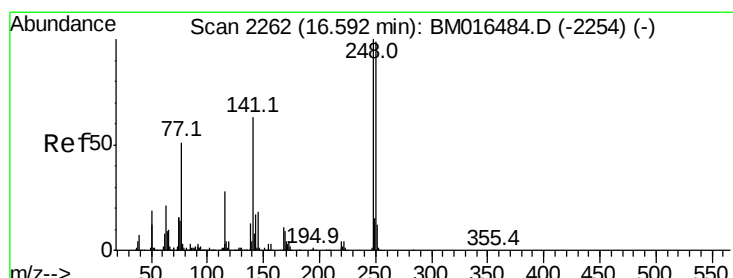
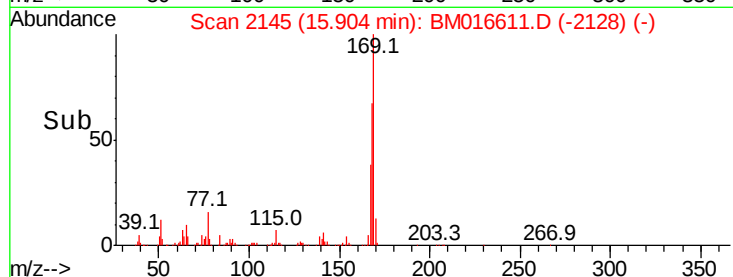
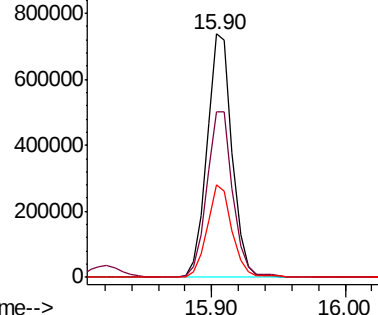


Abundance

Ion 169.00 (168.70 to 169.70): E

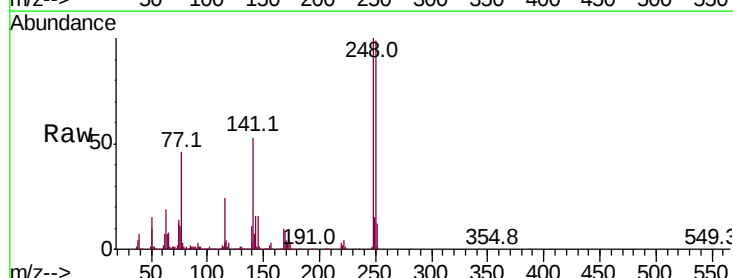
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 42.497 ng
 RT: 16.57 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.4	116.0
141	52.9	45.2	67.8

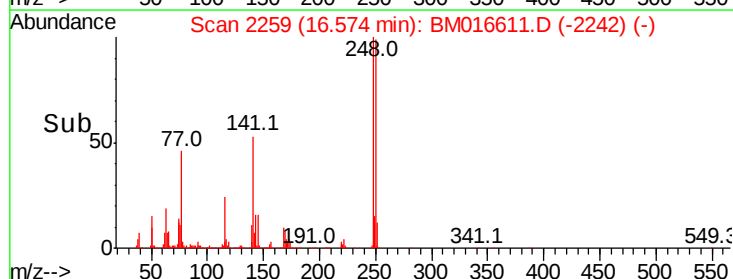
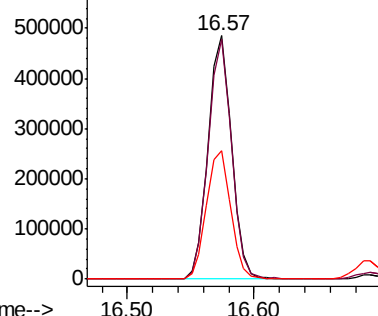


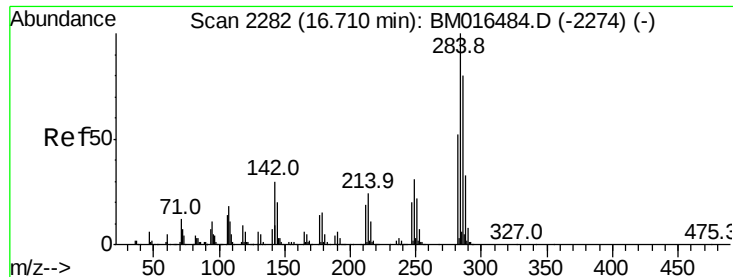
Abundance

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

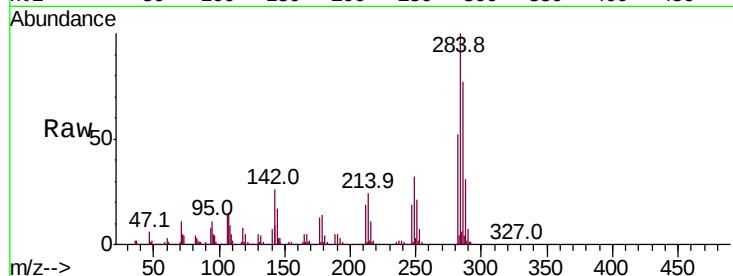




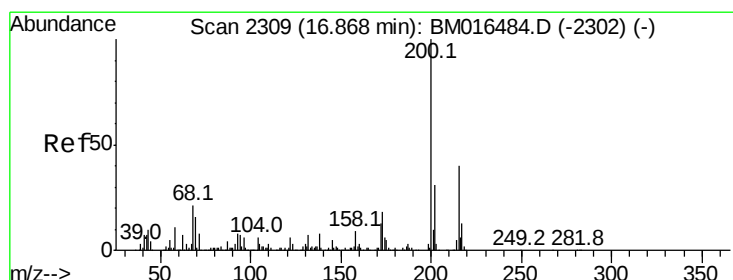
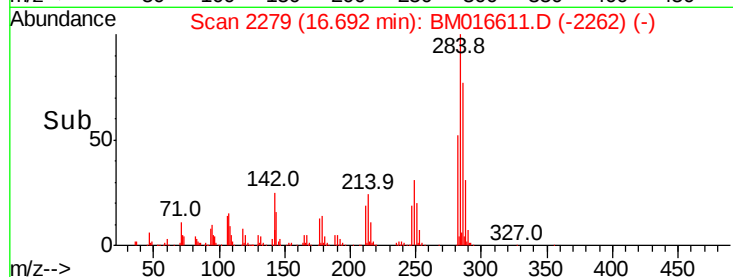
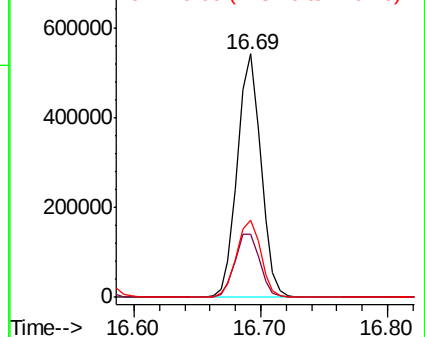
#67
Hexachlorobenzene
Concen: 41.076 ng
RT: 16.69 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	25.7	20.4	30.6
249	31.9	23.8	35.6

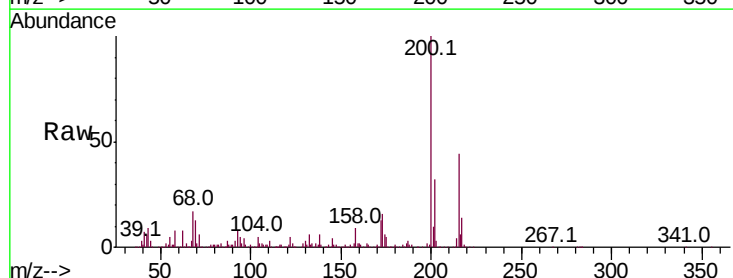


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

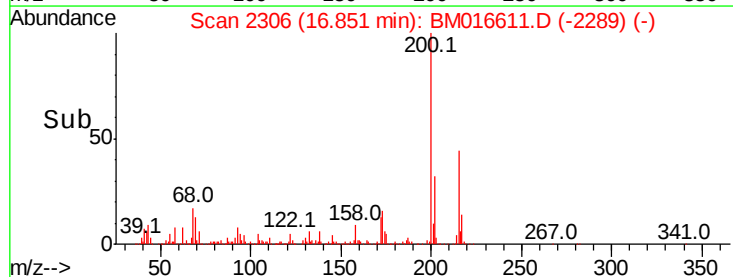
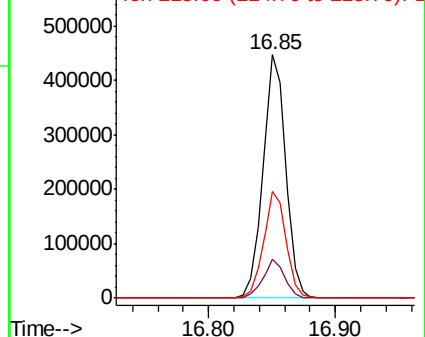


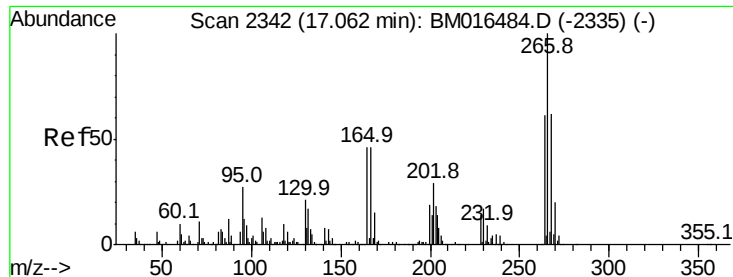
#68
Atrazine
Concen: 46.116 ng
RT: 16.85 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	16.2	4.8	44.8
215	44.1	26.9	66.9



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

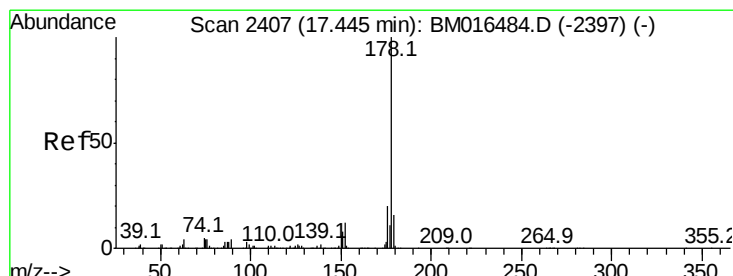
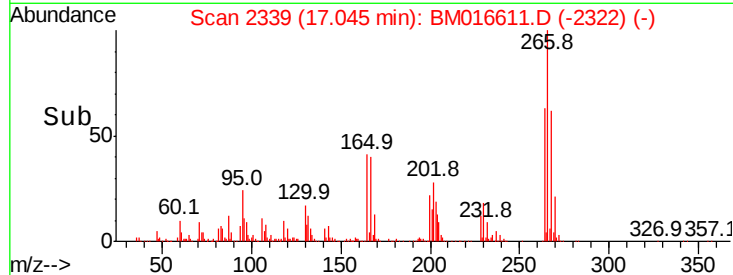
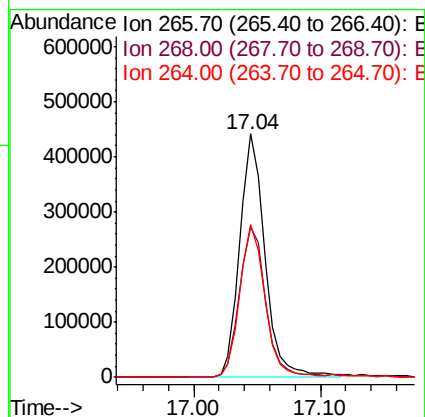
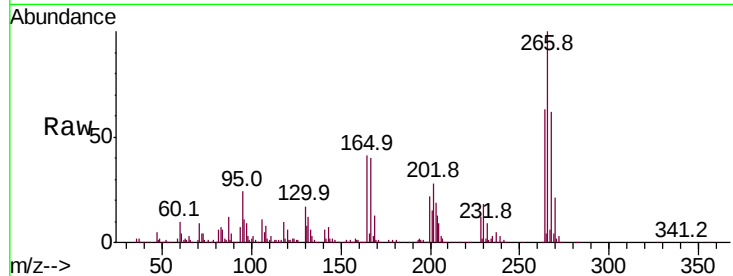




#69
 Pentachlorophenol
 Concen: 67.855 ng
 RT: 17.04 min Scan# 2339
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

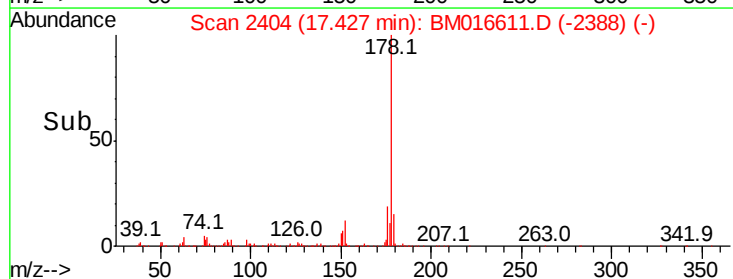
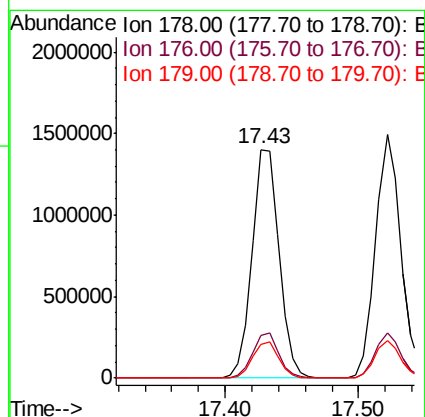
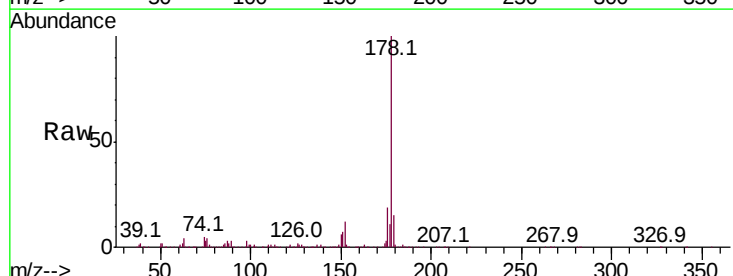
Instrument :
 BNA_M
 ClientSampleId :

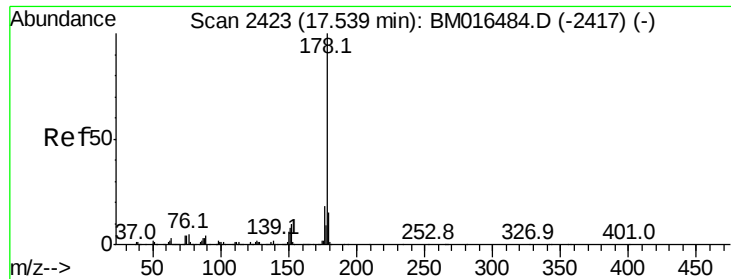
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.9	52.0	78.0
264	62.7	49.0	73.4



#70
 Phenanthrene
 Concen: 39.680 ng
 RT: 17.43 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	15.0	12.1	18.1



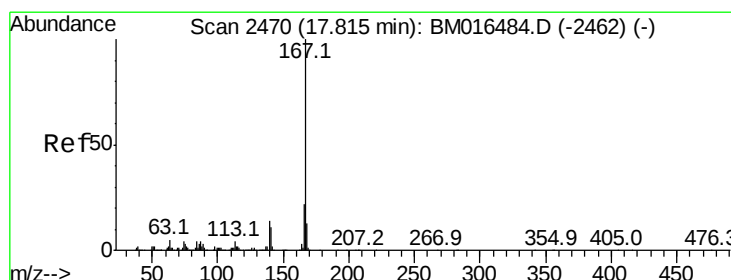
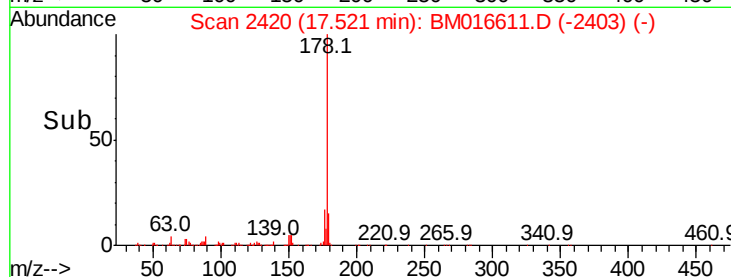
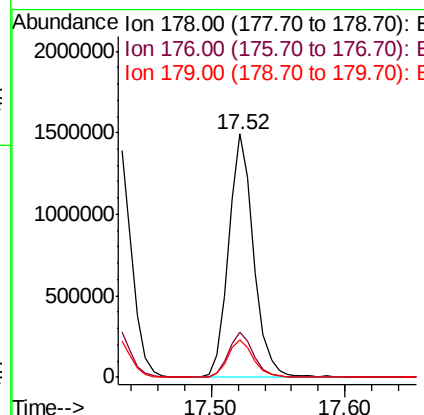
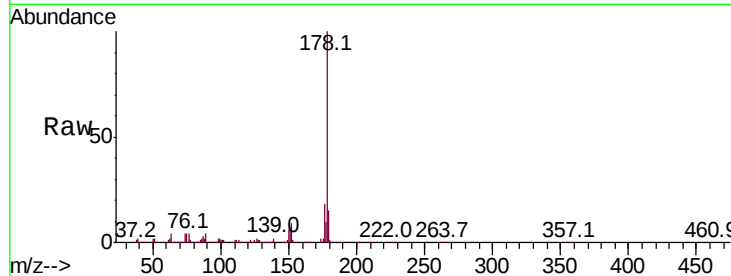


#71
 Anthracene
 Concen: 40.216 ng
 RT: 17.52 min Scan# 2420
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 1958468

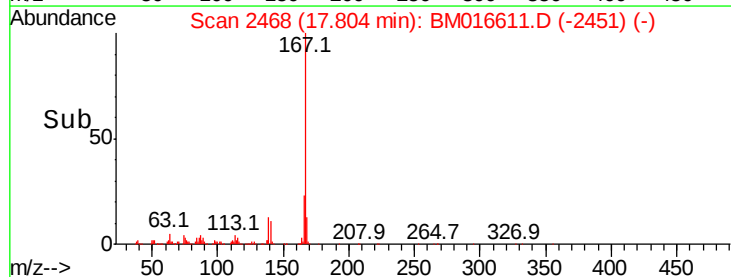
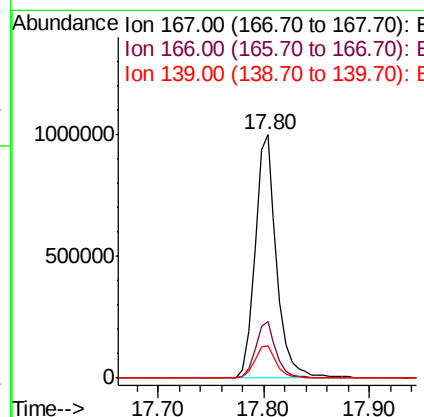
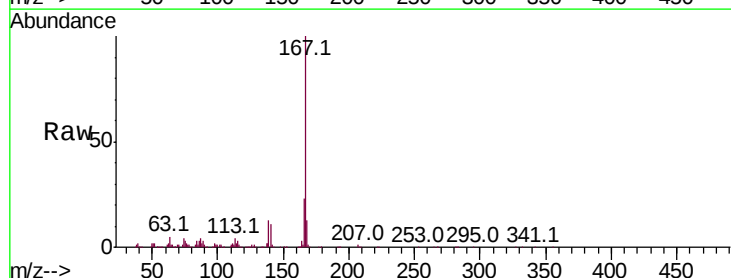
Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.4	12.6	19.0

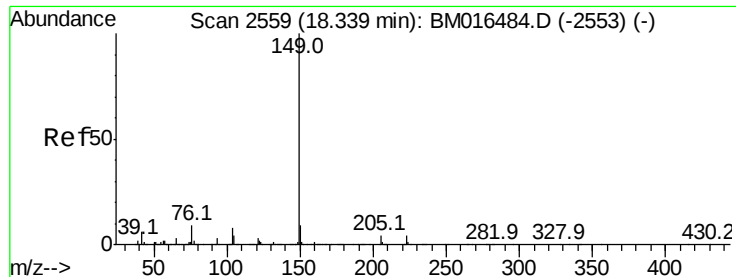


#72
 Carbazole
 Concen: 32.147 ng
 RT: 17.80 min Scan# 2468
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion:167 Resp: 1406921

Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.2	25.8
139	13.1	10.8	16.2





#73

Di-n-butylphthalate

Concen: 34.240 ng

RT: 18.33 min Scan# 2557

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

ClientSampleId :

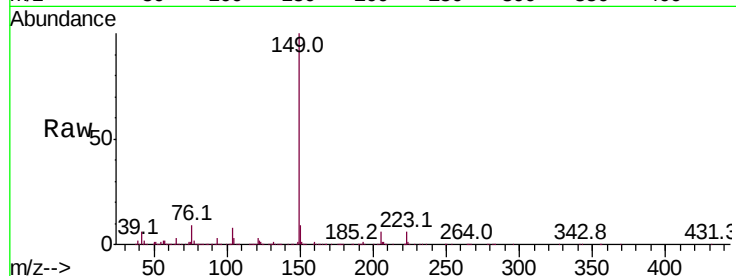
Tot Ion:149 Resp: 1826889

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	7.6	3.7	5.5

149 100

150 9.4 7.5 11.3

104 7.6 3.7 5.5

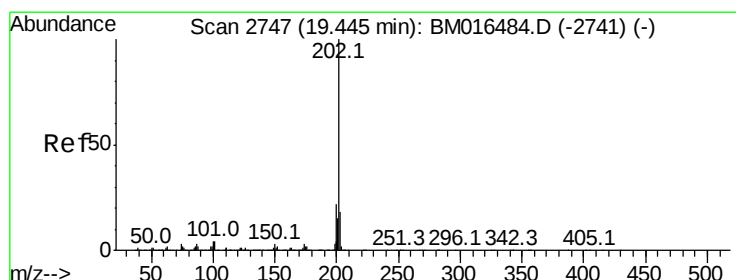
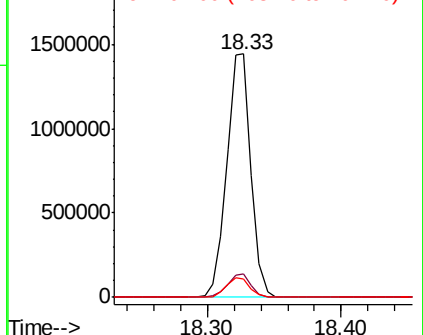
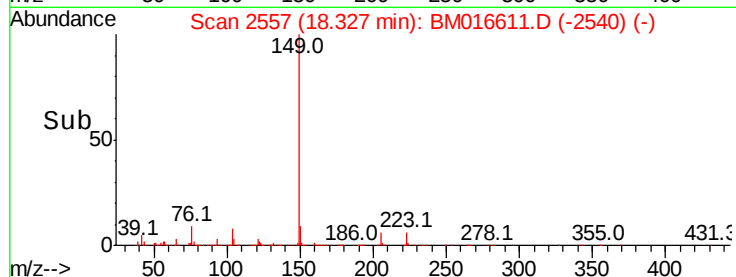


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.504 ng

RT: 19.43 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

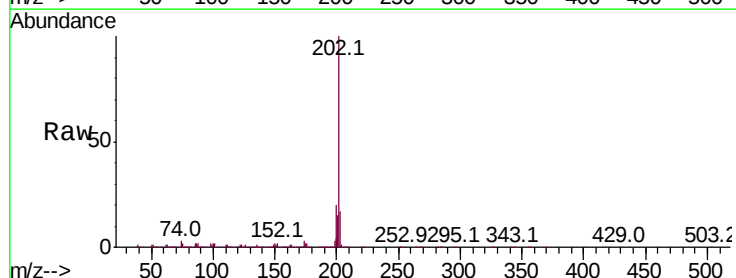
Tgt Ion:202 Resp: 2984437

Ion	Ratio	Lower	Upper
202	100		
101	2.4	0.0	28.7
203	16.5	0.0	37.2

202 100

101 2.4 0.0 28.7

203 16.5 0.0 37.2

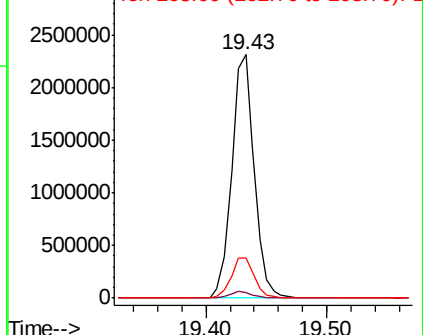
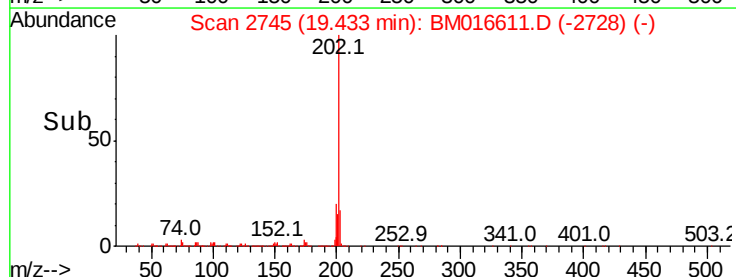


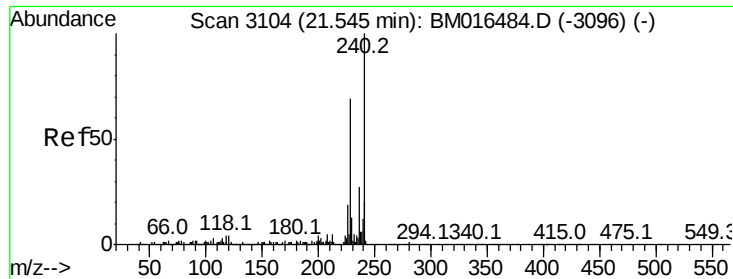
Abundance

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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

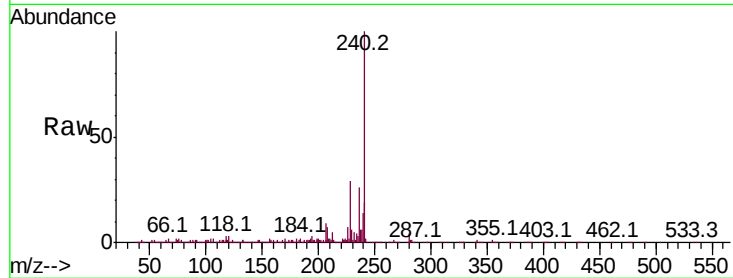
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1301189

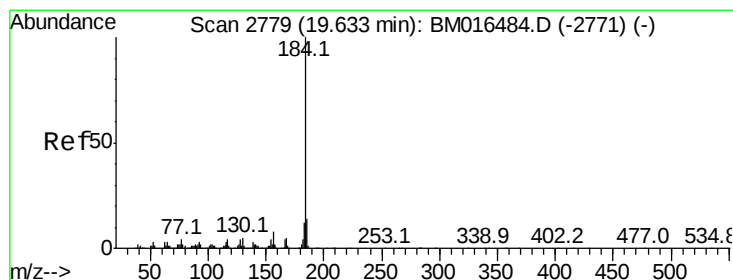
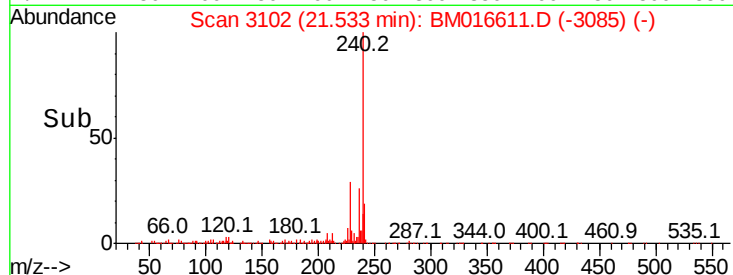
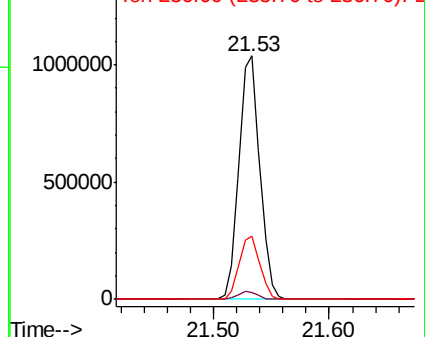
Ion	Ratio	Lower	Upper
240	100		
120	2.6	8.2	12.2#
236	26.1	20.0	30.0



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



#76

Benzidine

Concen: 44.922 ng

RT: 19.63 min Scan# 2778

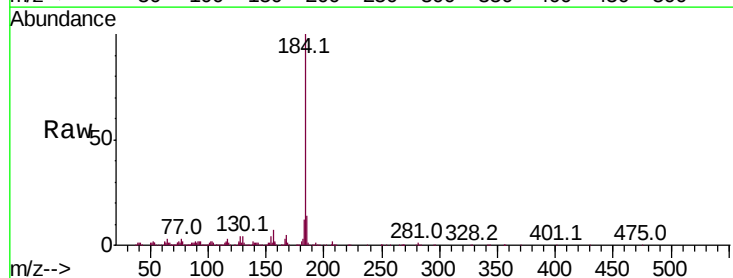
Delta R.T. 0.01 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Tgt Ion:184 Resp: 1124103

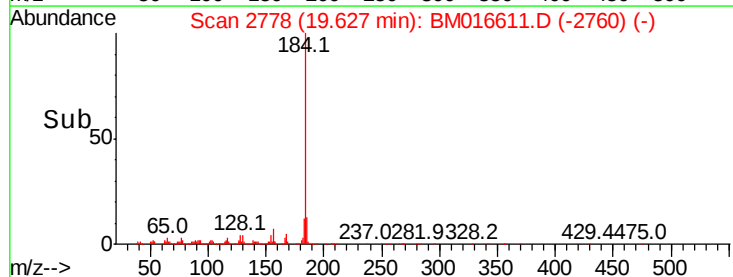
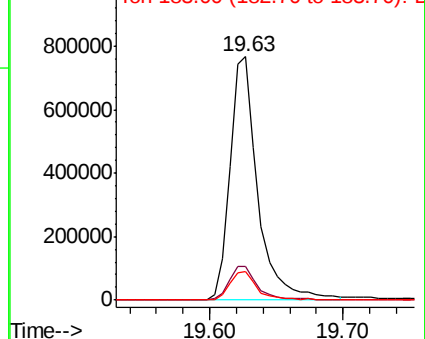
Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.3	16.9
183	12.0	8.9	13.3

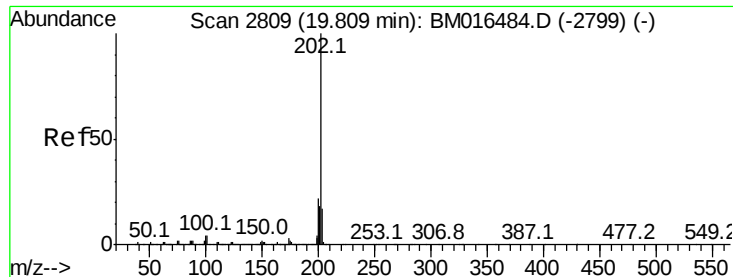


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.816 ng

RT: 19.79 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

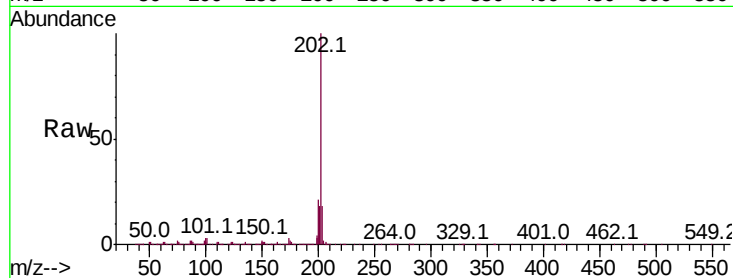
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 3027750

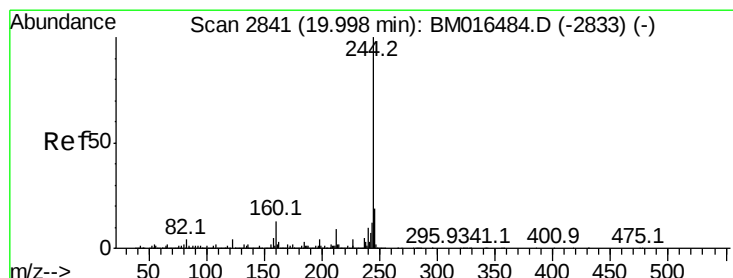
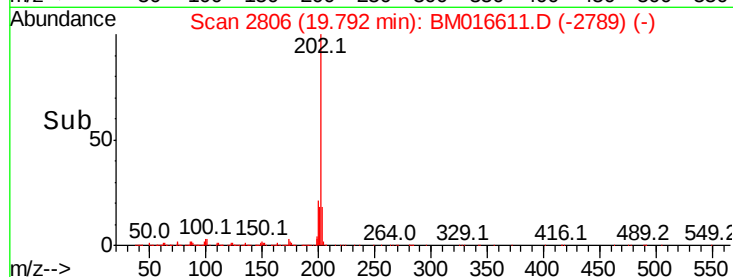
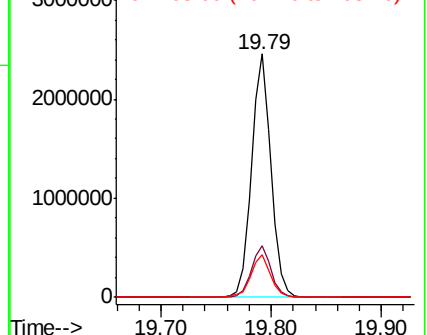
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.7	14.1	21.1



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



#78

Terphenyl-d14

Concen: 90.157 ng

RT: 19.98 min Scan# 2838

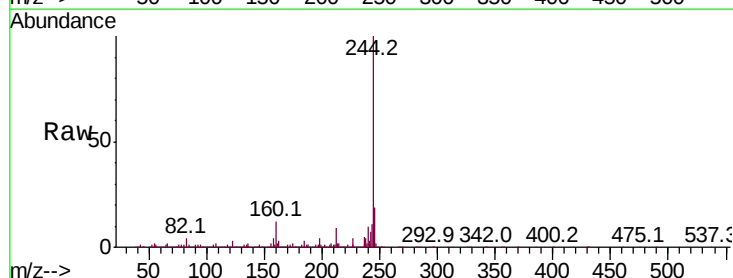
Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Tgt Ion:244 Resp: 5542491

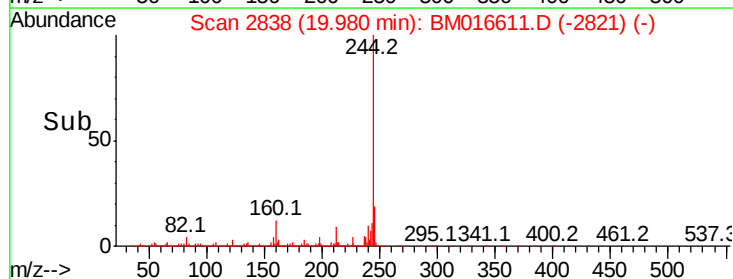
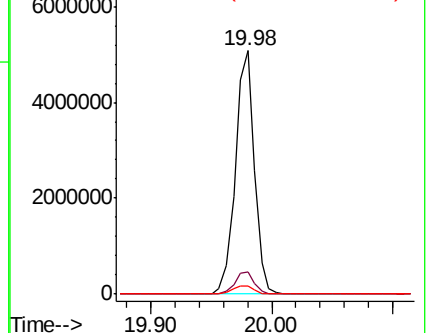
Ion	Ratio	Lower	Upper
244	100		
212	8.9	4.9	7.3#
122	3.2	6.2	9.4#

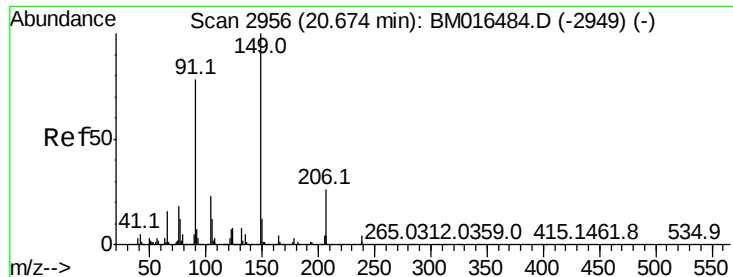


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

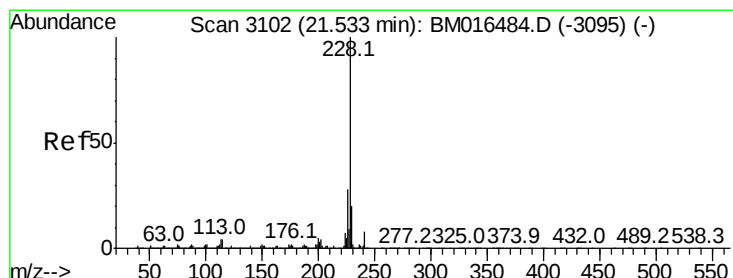
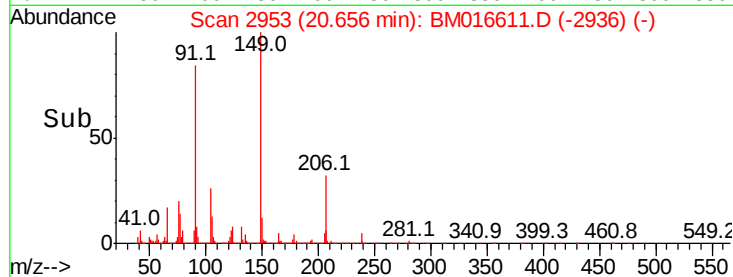
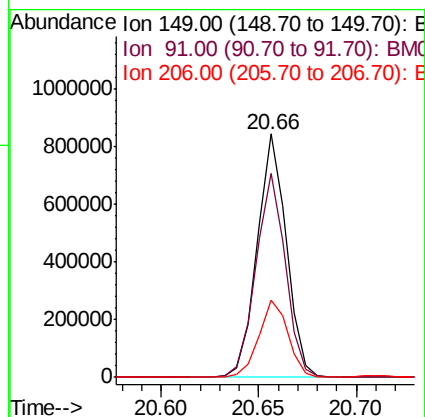
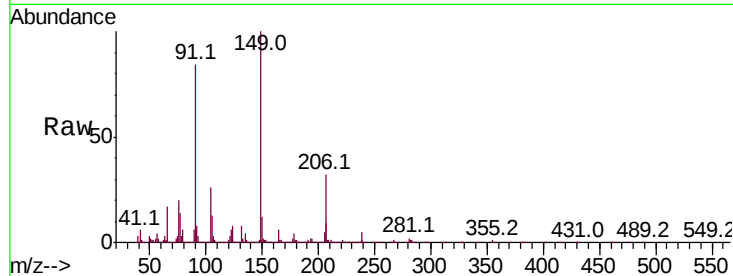




#79
Butylbenzylphthalate
Concen: 35.694 ng
RT: 20.66 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

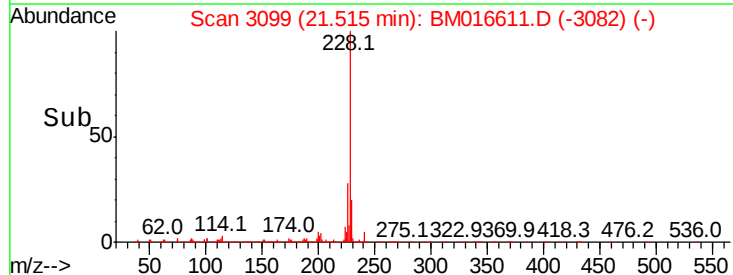
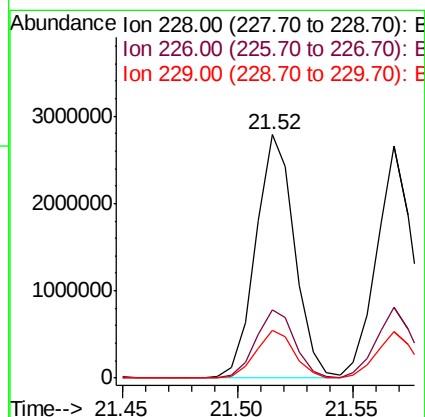
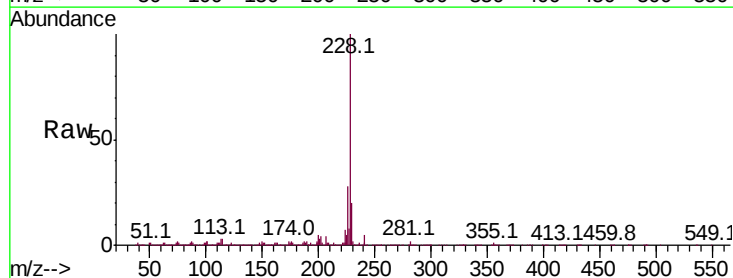
Instrument :
BNA_M
ClientSampleId :

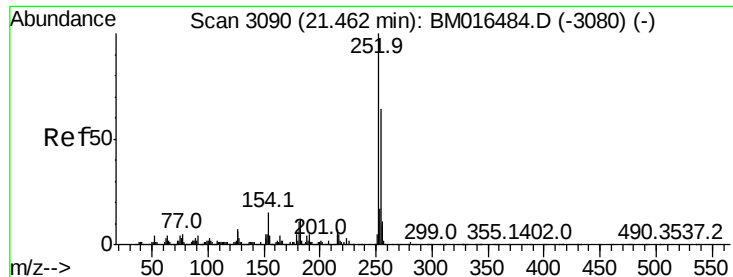
Tot Ion	Ratio	Lower	Upper
149	100		
91	83.7	50.1	75.1#
206	31.6	16.2	24.2#



#80
Benzo(a)anthracene
Concen: 42.659 ng
RT: 21.52 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.7	32.5
229	19.7	16.0	24.0

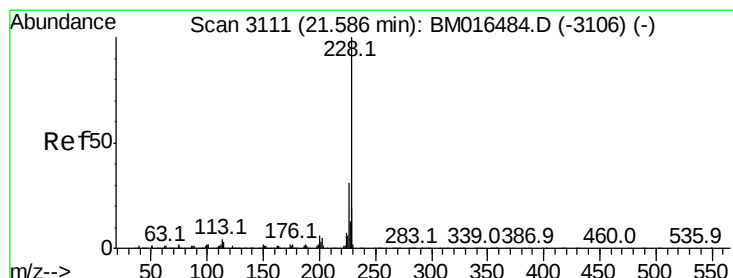
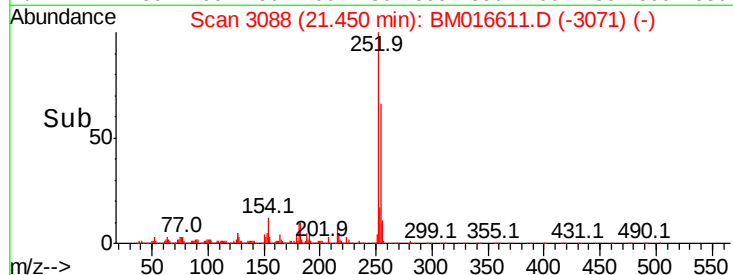
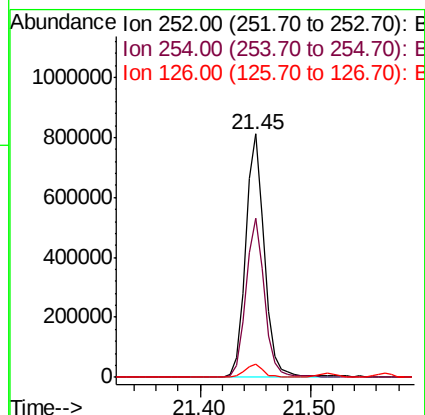
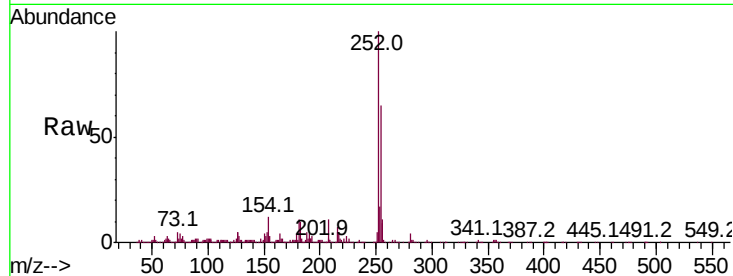




#81
 3,3'-Dichlorobenzidine
 Concen: 28.450 ng
 RT: 21.45 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

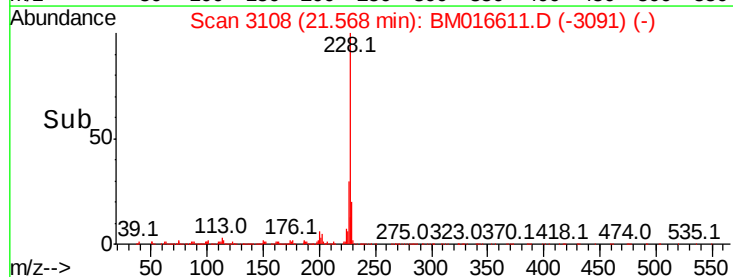
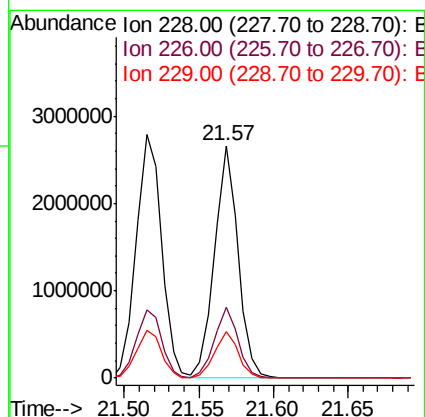
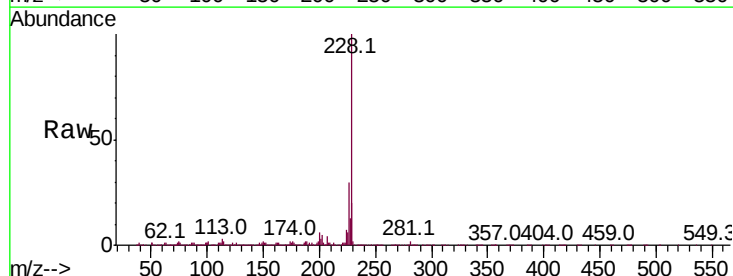
Instrument :
 BNA_M
 ClientSampleId :

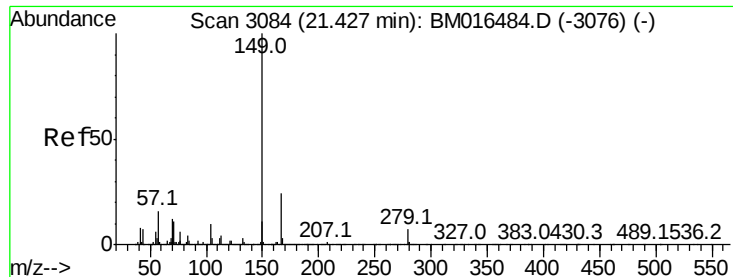
Tot Ion:252 Resp: 968762
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.9 77.9
 126 5.3 9.8 14.8#



#82
 Chrysene
 Concen: 40.077 ng
 RT: 21.57 min Scan# 3108
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion:228 Resp: 2925192
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.1 36.1
 229 20.0 15.5 23.3

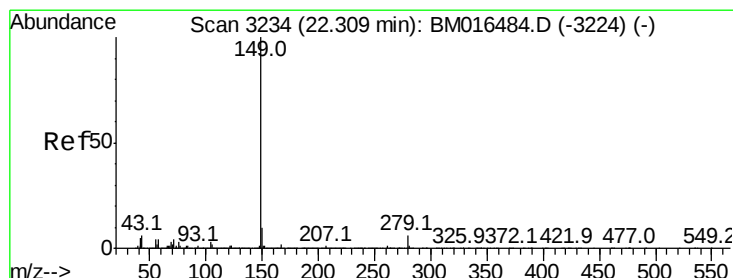
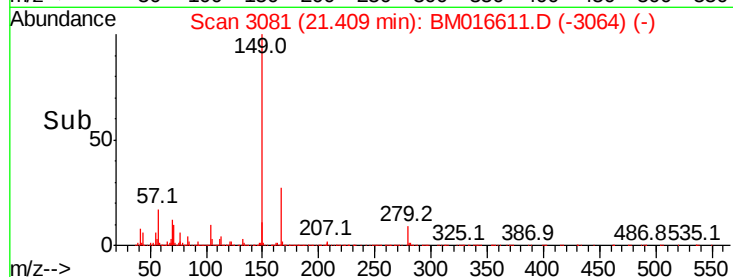
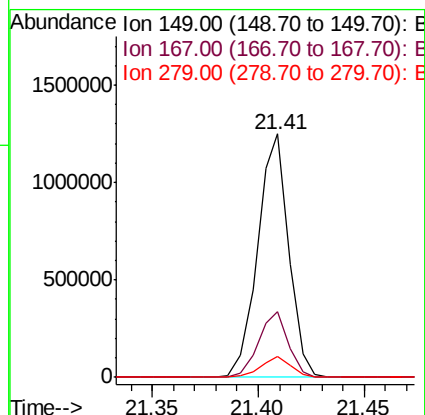
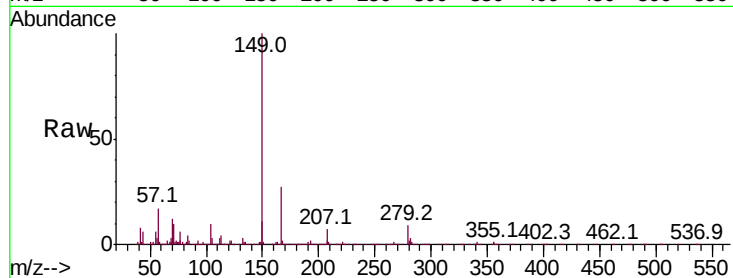




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.070 ng
 RT: 21.41 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

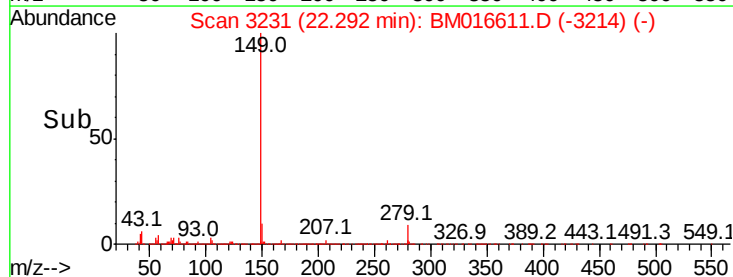
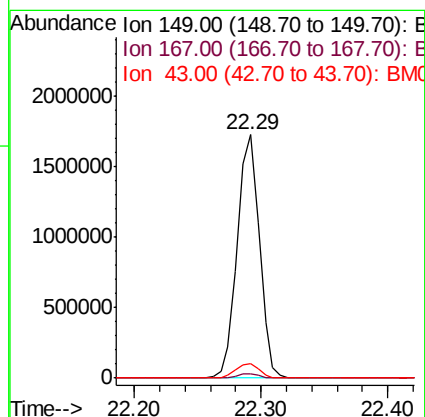
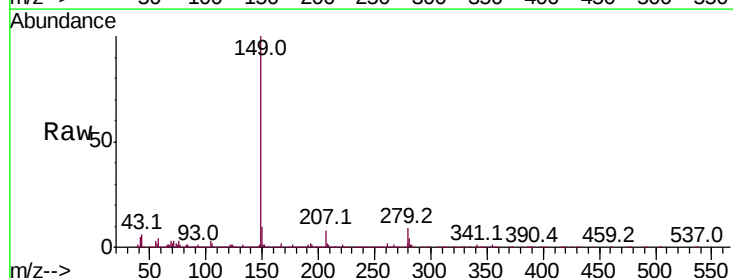
Instrument :
 BNA_M
 ClientSampleId :

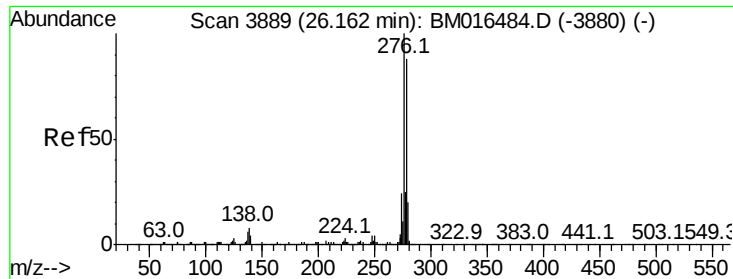
Tot Ion:149 Resp: 1272570
 Ion Ratio Lower Upper
 149 100
 167 26.8 22.4 33.6
 279 8.8 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 34.279 ng
 RT: 22.29 min Scan# 3231
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion:149 Resp: 2067092
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.2 1.8#
 43 6.0 7.3 10.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.196 ng

RT: 26.13 min Scan# 3883

Delta R.T. -0.01 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

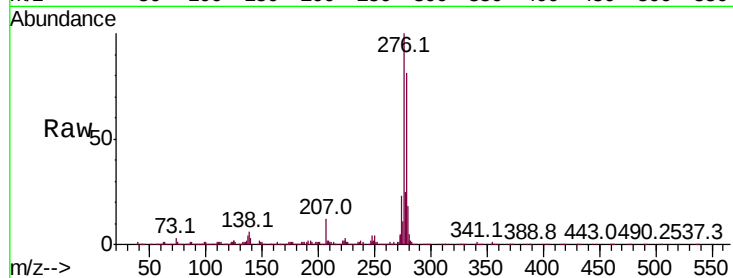
Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 4009303

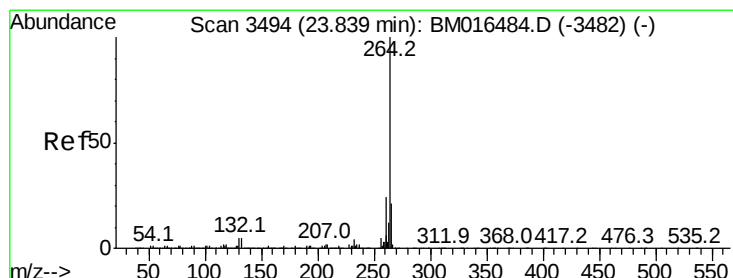
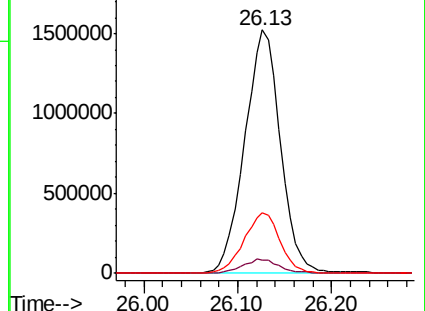
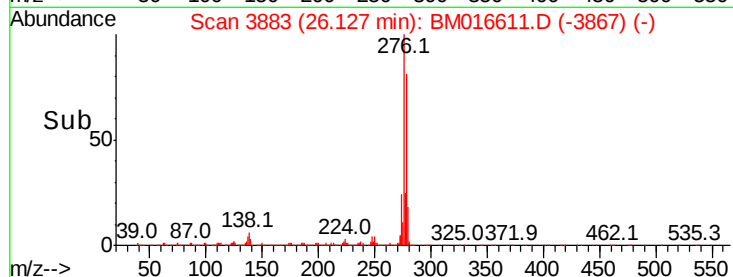
Ion	Ratio	Lower	Upper
276	100		
138	6.0	12.0	18.0
277	25.2	20.0	30.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.81 min Scan# 3490

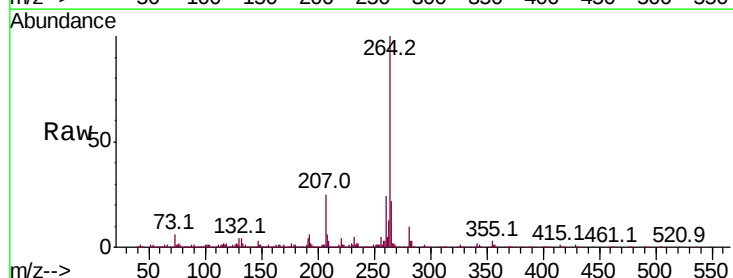
Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Tgt Ion:264 Resp: 1314016

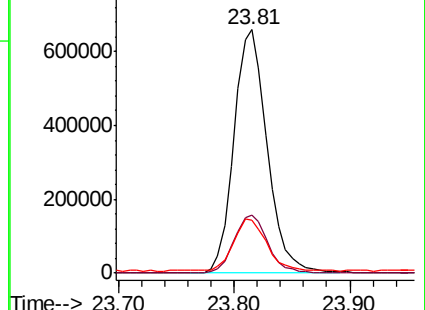
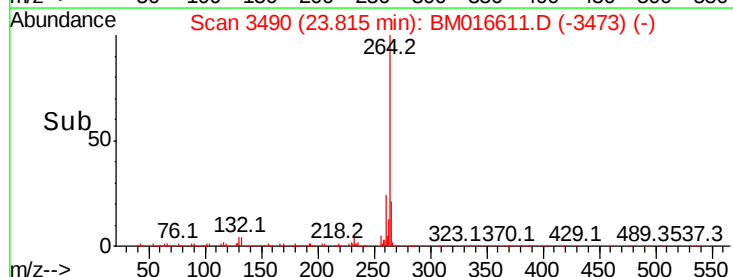
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.6	17.3	25.9

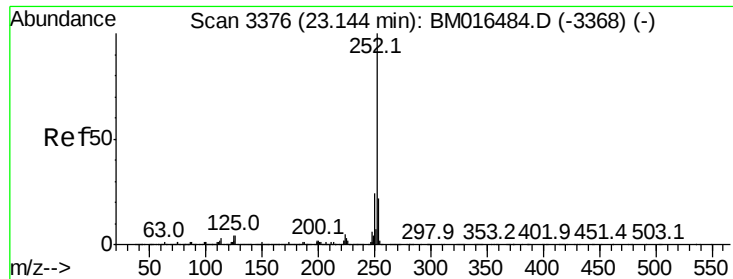


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.693 ng

RT: 23.13 min Scan# 3373

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

ClientSampleId :

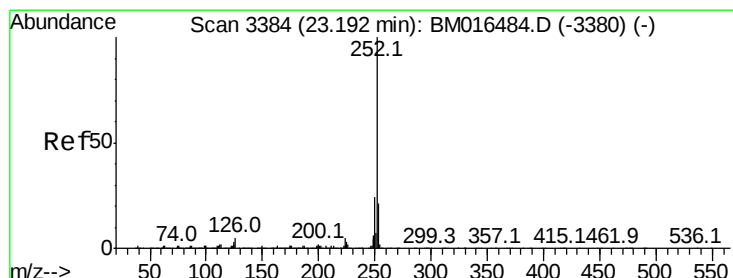
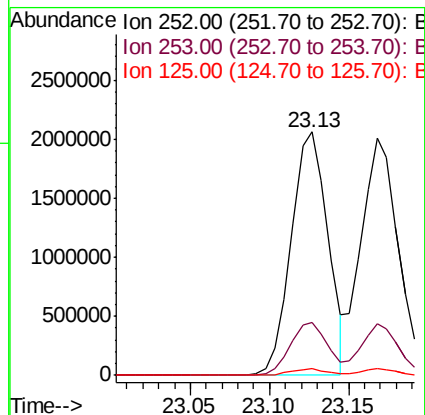
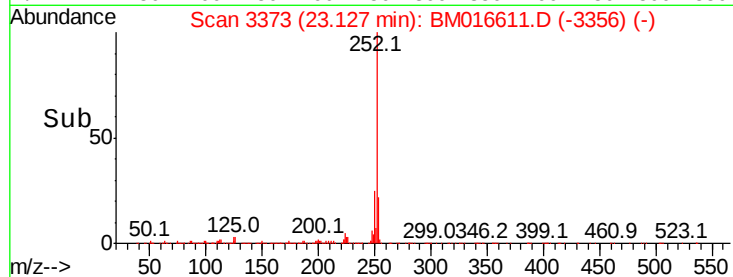
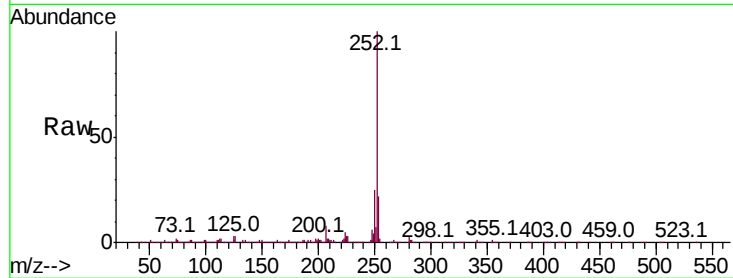
Tot Ion:252 Resp: 3309648

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 2.7 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 43.161 ng

RT: 23.17 min Scan# 3380

Delta R.T. -0.01 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

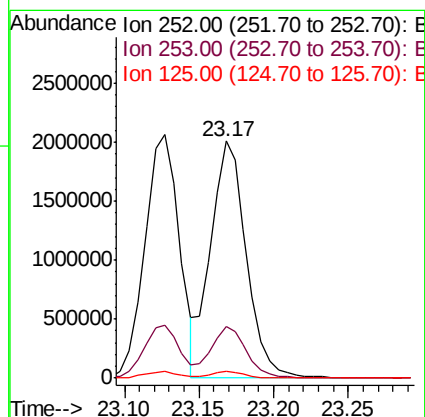
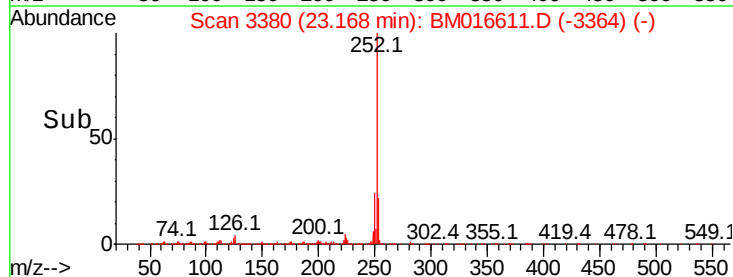
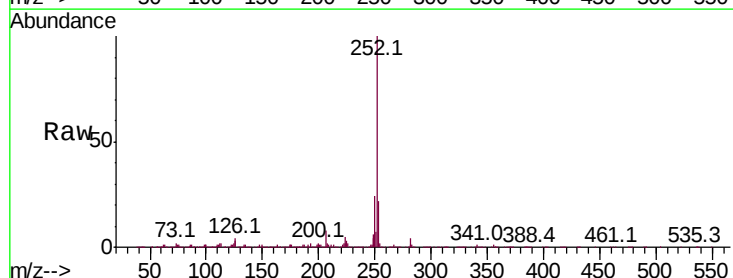
Tgt Ion:252 Resp: 3326477

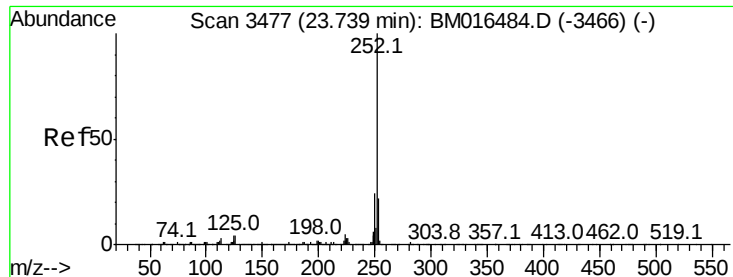
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 2.8 8.1 12.1#

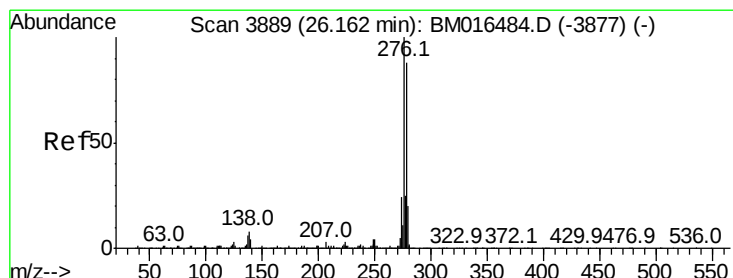
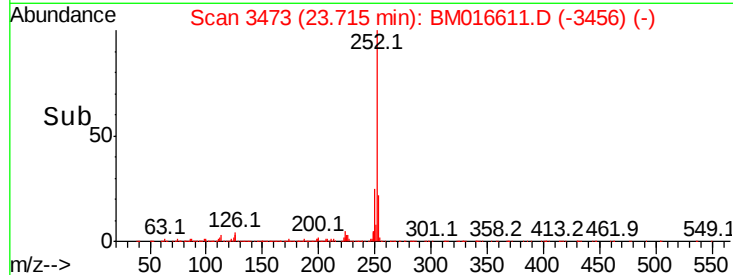
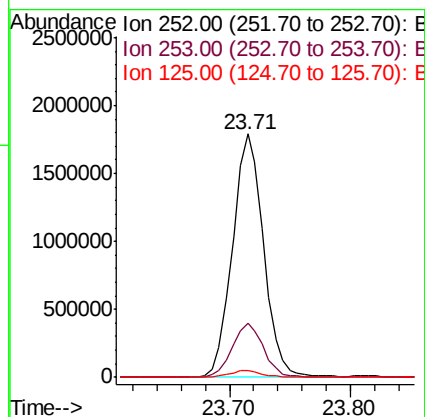
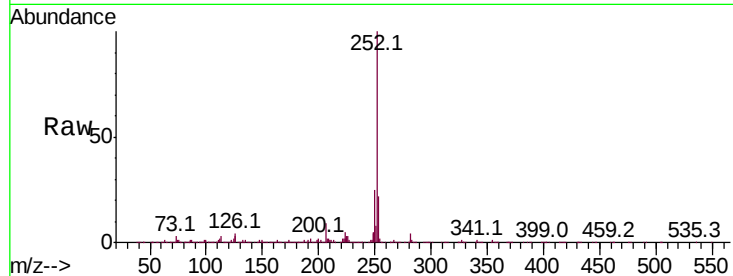




#89
Benzo(a)pyrene
Concen: 43.384 ng
RT: 23.71 min Scan# 3473
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

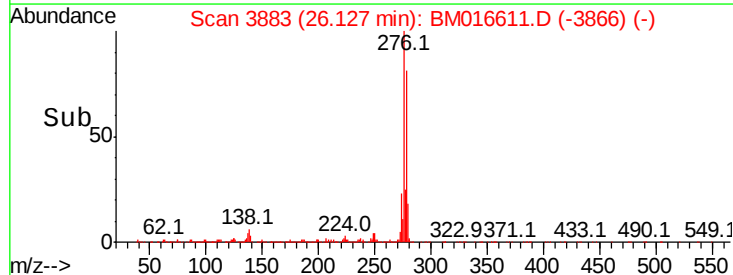
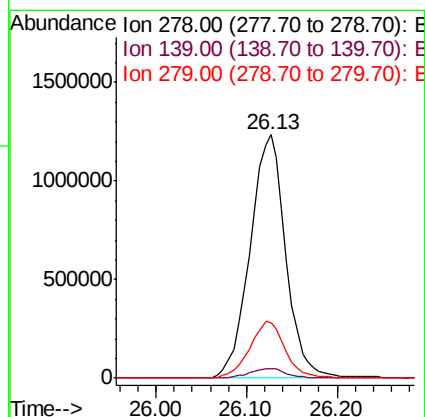
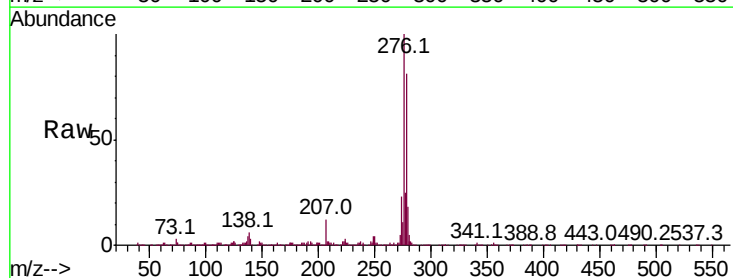
Instrument :
BNA_M
ClientSampled :

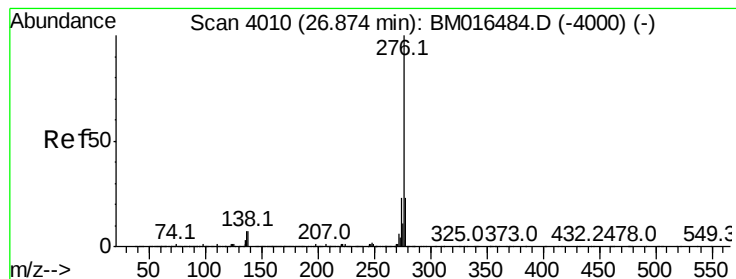
Tot Ion:252 Resp: 3197536
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 2.6 7.4 11.2#



#90
Dibenzo(a,h)anthracene
Concen: 40.630 ng
RT: 26.13 min Scan# 3883
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion:278 Resp: 3356008
Ion Ratio Lower Upper
278 100
139 4.0 13.4 20.0#
279 22.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 41.284 ng

RT: 26.84 min Scan# 4004

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

ClientSampleId :

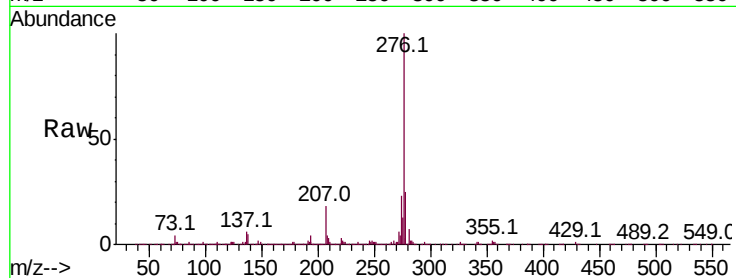
Tot Ion:276 Resp: 3061036

Ion Ratio Lower Upper

276 100

277 25.1 18.5 27.7

138 5.3 19.0 28.6#



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

