

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016604.D
 Acq On : 27 Aug 2018 13:38
 Operator : SJ/JU
 Sample : J4646-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 27 15:32:01 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	94285	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	362998	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	276381	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	887541	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1225367	20.00	ng	0.00
86) Perylene-d12	23.82	264	1297157	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	410367	85.29	ng	0.00
7) Phenol-d6	7.19	99	521851	81.96	ng	0.00
23) Nitrobenzene-d5	9.19	82	480557	60.45	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	704159	91.14	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1617380	56.25	ng	0.00
78) Terphenyl-d14	19.97	244	3748992	64.76	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	53526	20.137	ng	# 100
3) Pyridine	3.80	79	88770	16.051	ng	# 85
4) n-Nitrosodimethylamine	3.72	42	59361	24.093	ng	# 67
6) Aniline	7.34	93	94016	13.196	ng	# 87
8) 2-Chlorophenol	7.56	128	131412	22.953	ng	# 92
9) Benzaldehyde	7.16	77	83749	18.954	ng	# 70
10) Phenol	7.21	94	138546	22.003	ng	# 80
11) bis(2-Chloroethyl)ether	7.43	93	100482	21.281	ng	# 93
12) 1,3-Dichlorobenzene	7.89	146	153919	20.277	ng	# 82
13) 1,4-Dichlorobenzene	8.04	146	160159	20.560	ng	# 95
14) 1,2-Dichlorobenzene	8.35	146	155579	20.329	ng	# 96
15) Benzyl Alcohol	8.27	79	102598	17.352	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	8.52	45	68022	20.922	ng	# 24
17) 2-Methylphenol	8.47	107	103840	22.774	ng	# 74
18) Hexachloroethane	9.06	117	86039	23.975	ng	# 46
19) n-Nitroso-di-n-propylamine	8.82	70	105381	21.111	ng	# 85
20) 3+4-Methylphenols	8.80	107	127121	20.164	ng	# 78
22) Acetophenone	8.85	105	200130	22.895	ng	# 99
24) Nitrobenzene	9.24	77	181928	22.903	ng	# 88
25) Isophorone	9.75	82	291125	27.399	ng	# 95
26) 2-Nitrophenol	9.95	139	61430	18.089	ng	# 47
27) 2,4-Dimethylphenol	10.00	122	115282	26.049	ng	# 74
28) bis(2-Chloroethoxy)methane	10.23	93	146530	23.102	ng	# 99
29) 2,4-Dichlorophenol	10.48	162	166441	25.129	ng	# 90
30) 1,2,4-Trichlorobenzene	10.67	180	258333	25.704	ng	# 92
31) Naphthalene	10.86	128	420883	24.336	ng	# 100
32) Benzoic acid	10.17	122	41348	11.167	ng	# 85
33) 4-Chloroaniline	11.01	127	80592	11.073	ng	# 89
34) Hexachlorobutadiene	11.10	225	274309	28.596	ng	# 98
35) Caprolactam	11.81	113	31290	19.688	ng	# 47
36) 4-Chloro-3-methylphenol	12.12	107	140288	22.032	ng	# 93
37) 2-Methylnaphthalene	12.47	142	338791	25.023	ng	# 77
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	415634	26.627	ng	# 100
40) Hexachlorocyclopentadiene	12.79	237	395891	61.619	ng	# 96

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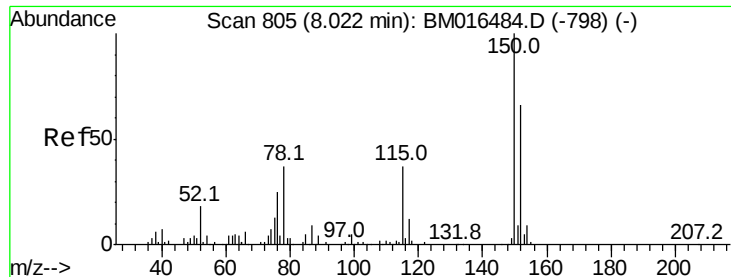
Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 27 15:32:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.09	196	241332	25.855	nq	94
43) 2,4,5-Trichlorophenol	13.17	196	234262	25.693	nq #	94
45) 1,1'-Biphenyl	13.47	154	491849	20.295	nq	95
46) 2-Chloronaphthalene	13.53	162	403282	20.483	nq	95
47) 2-Nitroaniline	13.76	65	106157	20.243	nq #	78
48) Acenaphthylene	14.37	152	594908	21.406	nq	99
49) Dimethylphthalate	14.11	163	841435	31.689	nq #	98
50) 2,6-Dinitrotoluene	14.25	165	113903	21.993	nq #	63
51) Acenaphthene	14.71	154	357980	20.966	nq	97
52) 3-Nitroaniline	14.60	138	60216	12.778	nq	84
53) 2,4-Dinitrophenol	14.83	184	93134	35.934	nq #	70
54) Dibenzofuran	15.05	168	707705	21.652	nq #	89
55) 4-Nitrophenol	14.92	139	96994	32.270	nq #	81
56) 2,4-Dinitrotoluene	15.05	165	173266	20.063	nq #	77
57) Fluorene	15.69	166	560317	22.693	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	235851	26.913	nq #	100
59) Diethylphthalate	15.46	149	576282	20.815	nq #	92
60) 4-Chlorophenyl-phenylether	15.68	204	498796	24.089	nq #	86
61) 4-Nitroaniline	15.76	138	68861	14.952	nq #	1
62) Azobenzene	15.97	77	689584	23.385	nq	91
64) 4,6-Dinitro-2-methylphenol	15.82	198	123508	18.314	nq #	58
65) n-Nitrosodiphenylamine	15.90	169	503033	20.147	nq	94
66) 4-Bromophenyl-phenylether	16.57	248	326207	23.920	nq	100
67) Hexachlorobenzene	16.69	284	354583	22.296	nq	95
68) Atrazine	16.85	200	307580	26.993	nq	92
69) Pentachlorophenol	17.04	266	306942	36.477	nq	92
70) Phenanthrene	17.43	178	1014158	22.108	nq	98
71) Anthracene	17.52	178	1010813	22.190	nq	99
72) Carbazole	17.80	167	738653	18.044	nq	99
73) Di-n-butylphthalate	18.32	149	969128	19.418	nq #	97
74) Fluoranthene	19.43	202	1562435	23.230	nq	94
76) Benzidine	19.63	184	406262	17.240	nq	98
77) Pyrene	19.79	202	1584385	23.792	nq	99
79) Butylbenzylphthalate	20.66	149	478929	20.835	nq #	74
80) Benzo(a)anthracene	21.52	228	1724830	23.942	nq	99
81) 3,3'-Dichlorobenzidine	21.45	252	455877	14.216	nq #	96
82) Chrysene	21.57	228	1576363	22.933	nq	100
83) Bis(2-ethylhexyl)phthalate	21.41	149	667226	19.525	nq #	93
84) Di-n-octyl phthalate	22.29	149	1090704	19.207	nq #	94
85) Indeno(1,2,3-cd)pyrene	26.13	276	2109330	21.338	nq #	91
87) Benzo(b)fluoranthene	23.13	252	1884643	25.204	nq #	90
88) Benzo(k)fluoranthene	23.17	252	1723920	22.659	nq #	92
89) Benzo(a)pyrene	23.72	252	1747109	24.013	nq #	93
90) Dibenzo(a,h)anthracene	26.13	278	1736639	21.298	nq #	86
91) Benzo(g,h,i)perylene	26.84	276	1670720	22.826	nq #	80

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

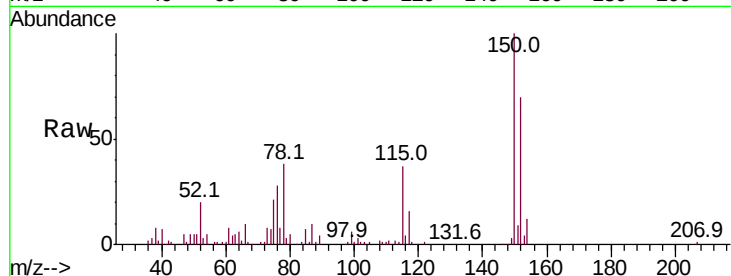


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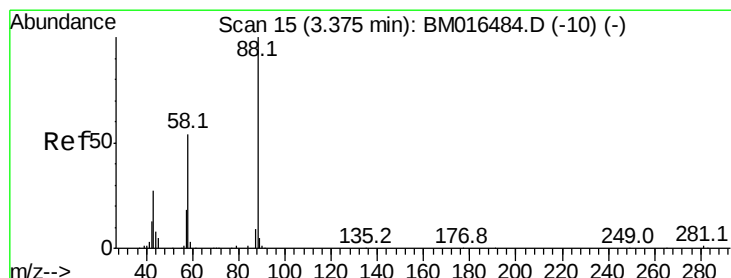
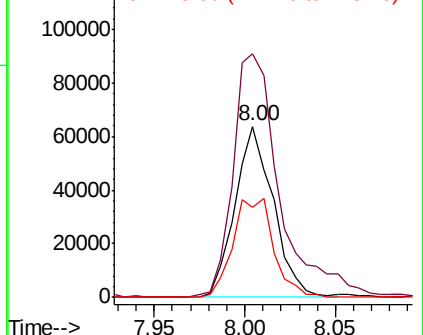
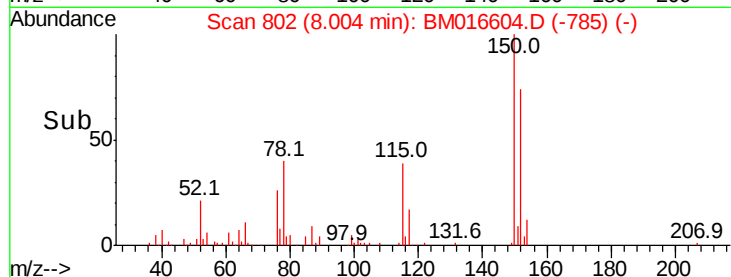
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 94285
Ion Ratio Lower Upper
152 100
150 142.6 119.5 179.3
115 52.7 43.0 64.4



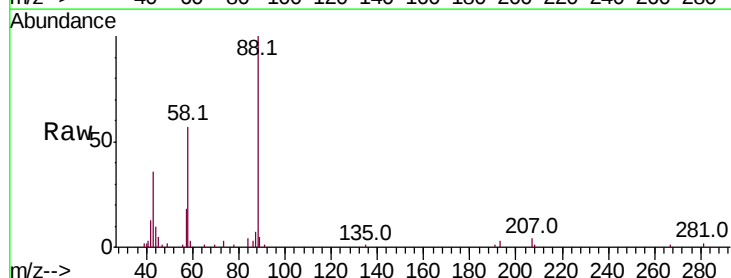
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



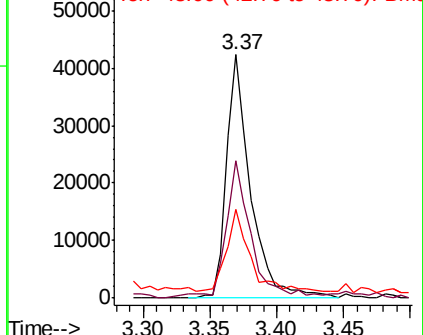
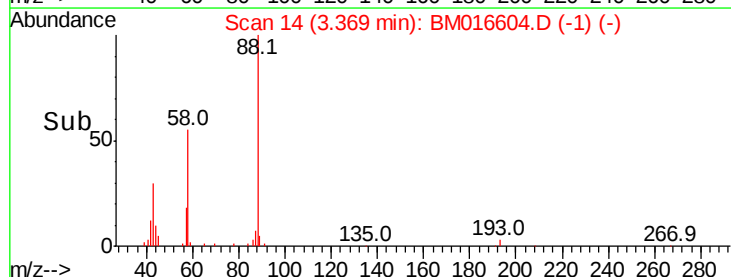
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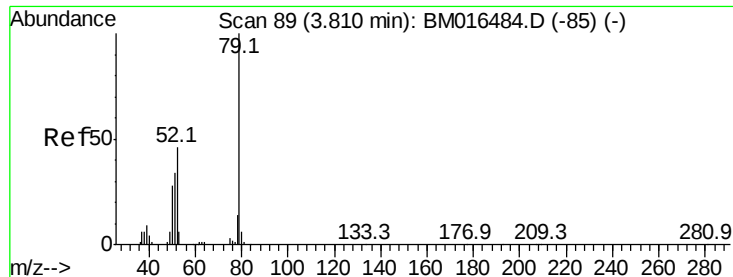
1,4-Dioxane
Concen: 20.137 ng
RT: 3.37 min Scan# 14
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion: 88 Resp: 53526
Ion Ratio Lower Upper
88 100
58 59.4 0.0 0.0#
43 32.9 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: 16.051 ng

RT: 3.80 min Scan# 88

Delta R.T. 0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

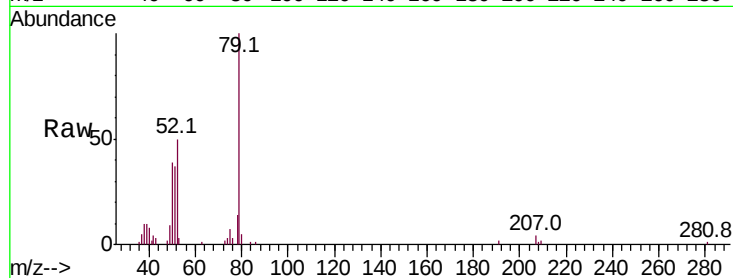
Tot Ion: 79 Resp: 88770

Ion Ratio Lower Upper

79 100

52 49.6 51.1 76.7#

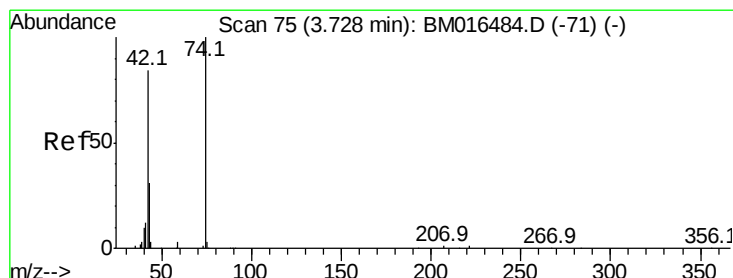
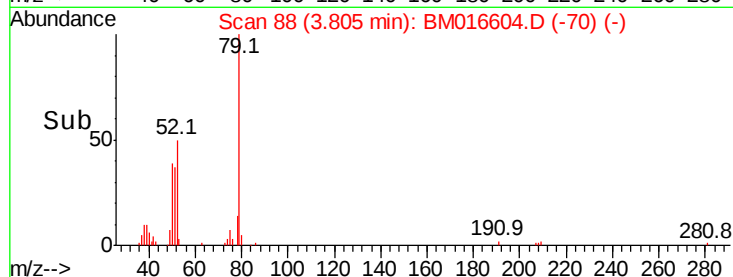
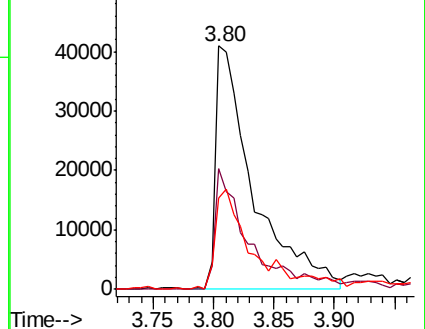
51 37.5 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM016604.D (-85) (-)

Ion 52.00 (51.70 to 52.70): BM016604.D (-85) (-)

Ion 51.00 (50.70 to 51.70): BM016604.D (-85) (-)



#4

n-Nitrosodimethylamine

Concen: 24.093 ng

RT: 3.72 min Scan# 74

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

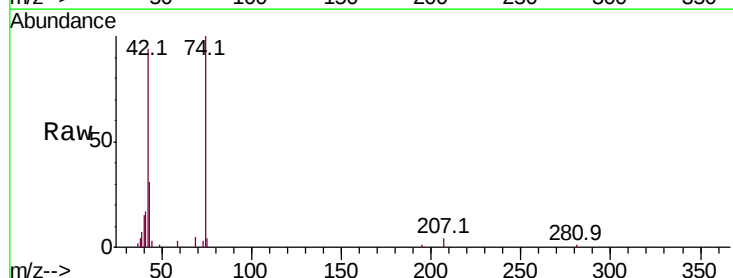
Tgt Ion: 42 Resp: 59361

Ion Ratio Lower Upper

42 100

74 106.1 119.3 178.9#

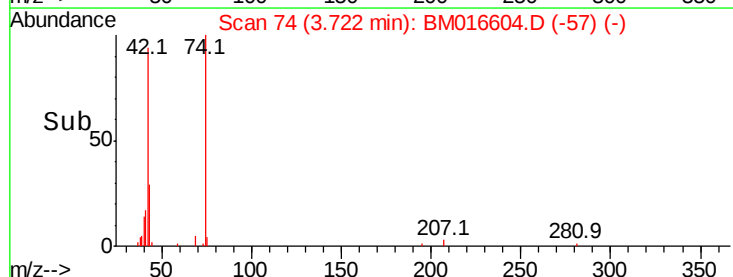
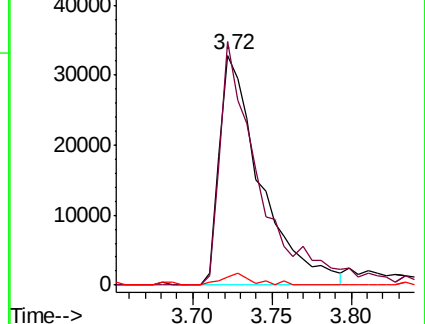
44 3.5 5.4 8.2#

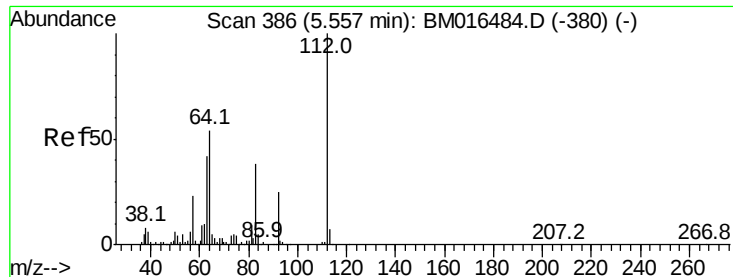


Abundance Ion 42.00 (41.70 to 42.70): BM016604.D (-57) (-)

Ion 74.00 (73.70 to 74.70): BM016604.D (-57) (-)

Ion 44.00 (43.70 to 44.70): BM016604.D (-57) (-)





#5

2-Fluorophenol

Concen: 85.289 ng

RT: 5.55 min Scan# 384

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

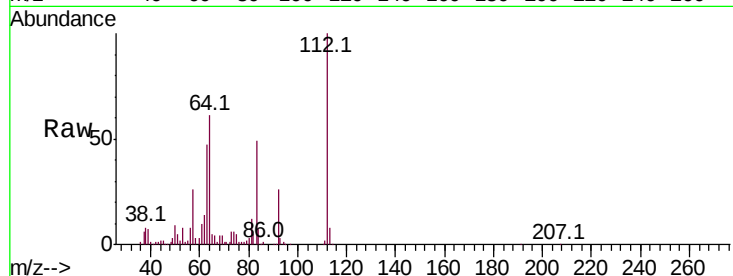
Tot Ion:112 Resp: 410367

Ion Ratio Lower Upper

112 100

64 60.6 38.6 57.8#

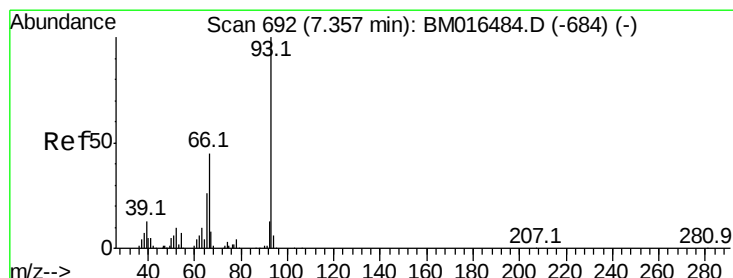
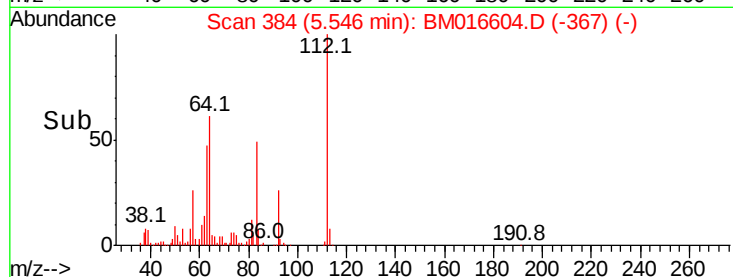
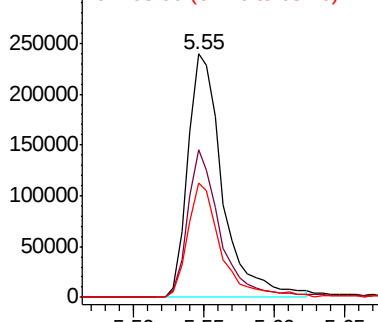
63 47.0 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 13.196 ng

RT: 7.34 min Scan# 689

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

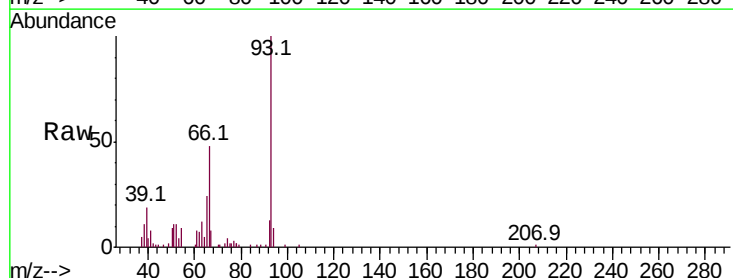
Tgt Ion: 93 Resp: 94016

Ion Ratio Lower Upper

93 100

66 47.7 30.8 46.2#

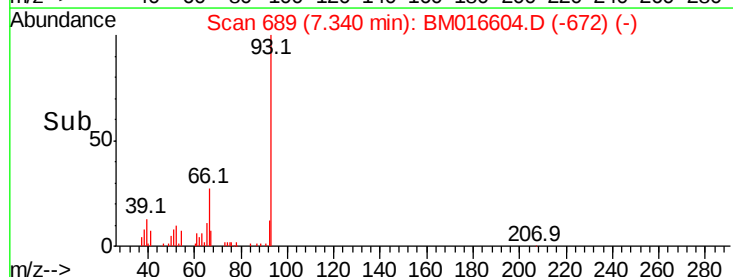
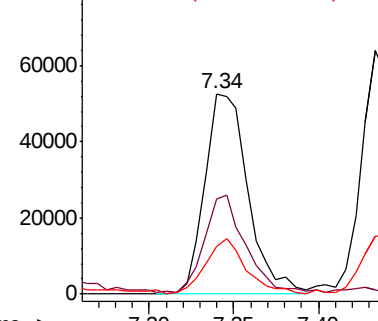
65 23.9 16.0 24.0

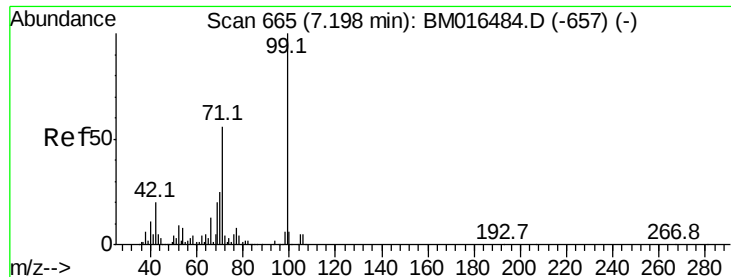


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 81.963 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

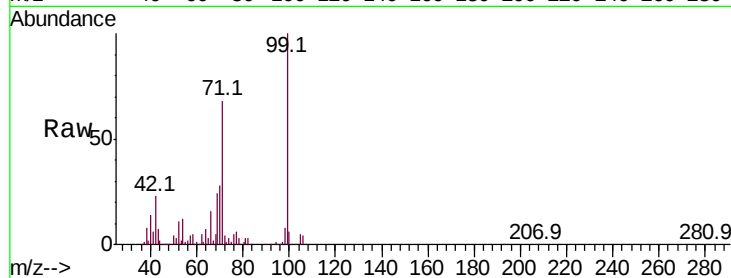
Tot Ion: 99 Resp: 521851

Ion Ratio Lower Upper

99 100

42 23.3 11.0 16.4#

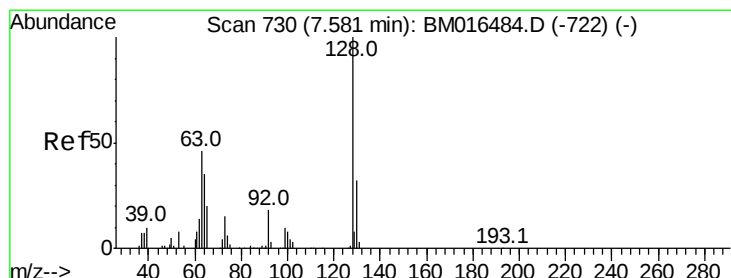
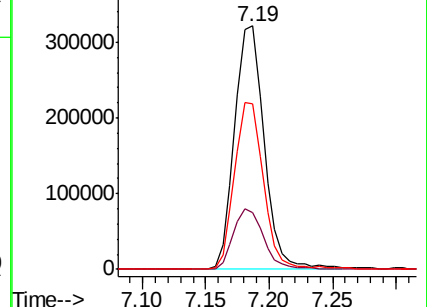
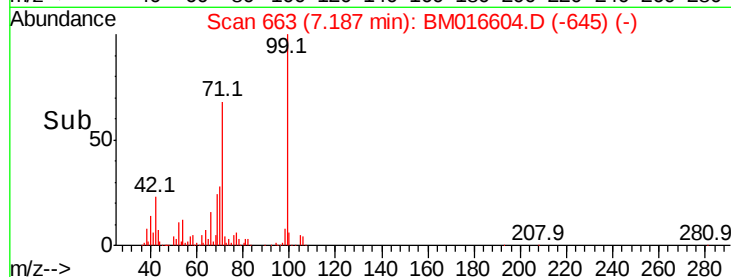
71 68.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016604.D (-645) (-)

Ion 42.00 (41.70 to 42.70): BM016604.D (-645) (-)

Ion 71.00 (70.70 to 71.70): BM016604.D (-645) (-)



#8

2-Chlorophenol

Concen: 22.953 ng

RT: 7.56 min Scan# 727

Delta R.T. -0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

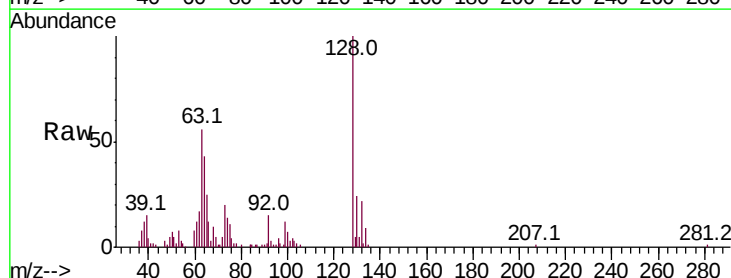
Tgt Ion: 128 Resp: 131412

Ion Ratio Lower Upper

128 100

130 23.6 12.0 52.0

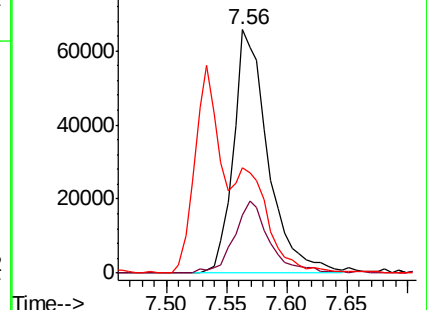
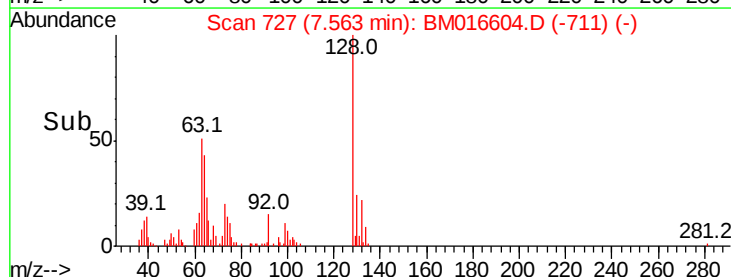
64 43.2 24.9 64.9

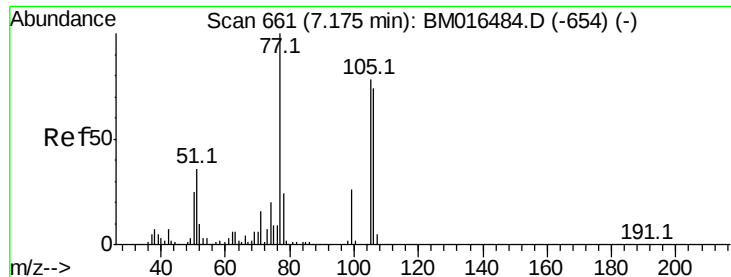


Abundance Ion 128.00 (127.70 to 128.70): BM016604.D (-711) (-)

Ion 130.00 (129.70 to 130.70): BM016604.D (-711) (-)

Ion 64.00 (63.70 to 64.70): BM016604.D (-711) (-)





#9

Benzaldehyde

Concen: 18.954 ng

RT: 7.16 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

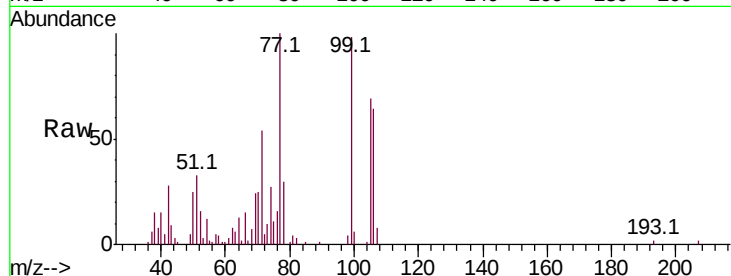
Tot Ion: 77 Resp: 83749

Ion Ratio Lower Upper

77 100

105 69.2 78.8 118.8#

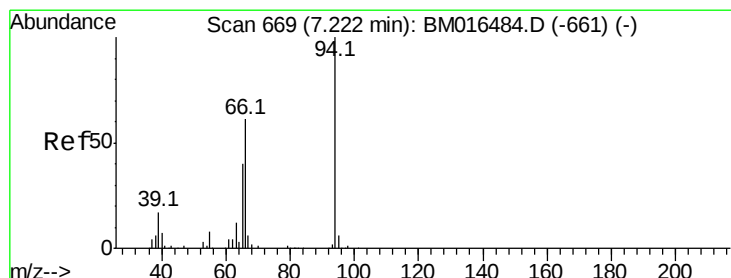
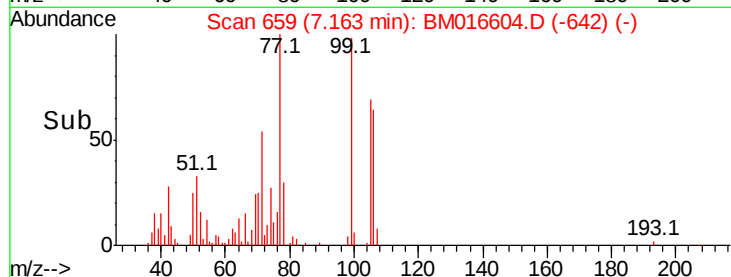
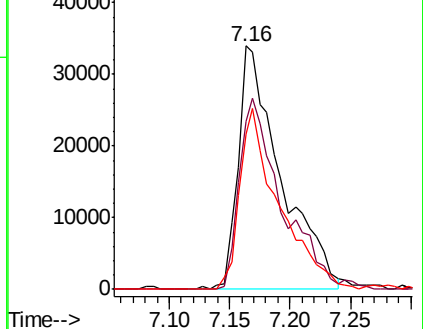
106 63.6 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016604.D (-654) (-)

Ion 105.00 (104.70 to 105.70): BM016604.D (-654) (-)

Ion 106.00 (105.70 to 106.70): BM016604.D (-654) (-)



#10

Phenol

Concen: 22.003 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

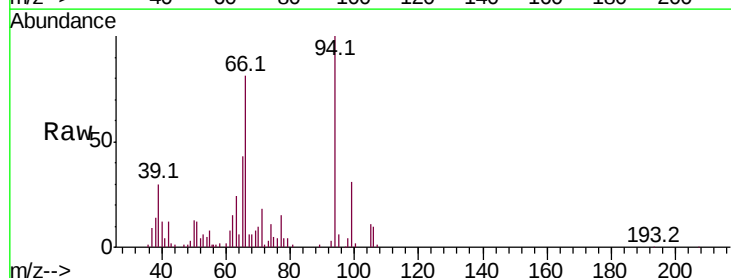
Tgt Ion: 94 Resp: 138546

Ion Ratio Lower Upper

94 100

65 42.7 18.8 58.8

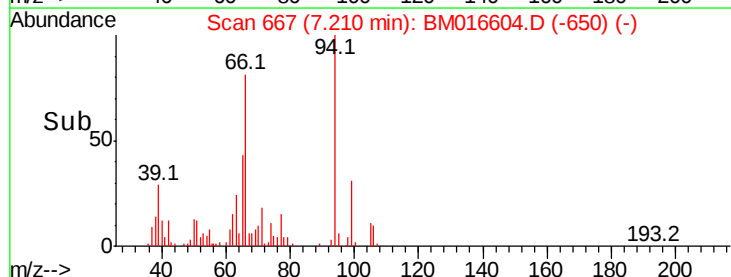
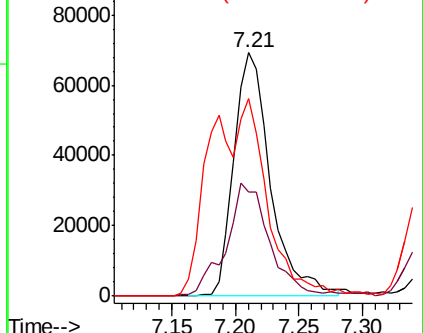
66 81.1 39.9 79.9#

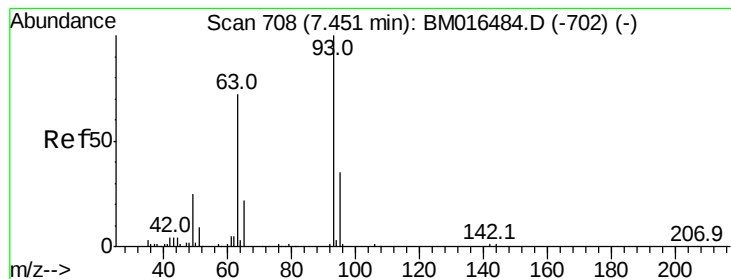


Abundance Ion 94.00 (93.70 to 94.70): BM016604.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM016604.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM016604.D (-650) (-)





#11

bis(2-Chloroethyl)ether

Concen: 21.281 ng

RT: 7.43 min Scan# 705

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

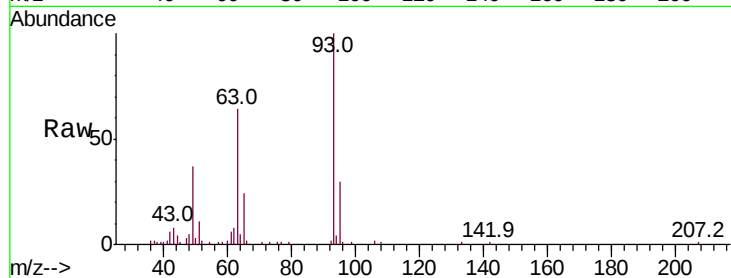
Tot Ion: 93 Resp: 100482

Ion Ratio Lower Upper

93 100

63 64.0 49.5 89.5

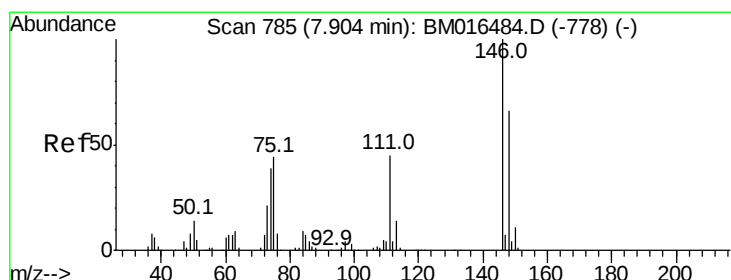
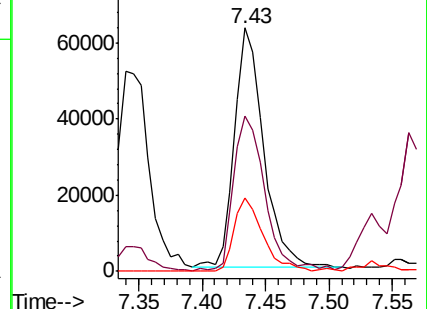
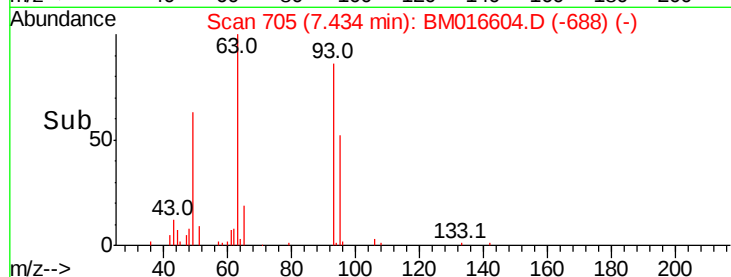
95 30.0 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM016604.D (-702) (-)

Ion 63.00 (62.70 to 63.70): BM016604.D (-702) (-)

Ion 95.00 (94.70 to 95.70): BM016604.D (-702) (-)



#12

1,3-Dichlorobenzene

Concen: 20.277 ng

RT: 7.89 min Scan# 782

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

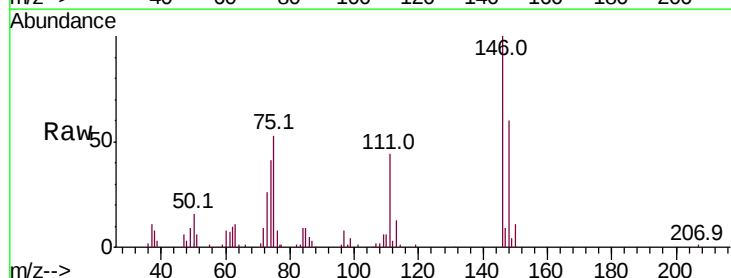
Tgt Ion: 146 Resp: 153919

Ion Ratio Lower Upper

146 100

148 59.7 50.9 76.3

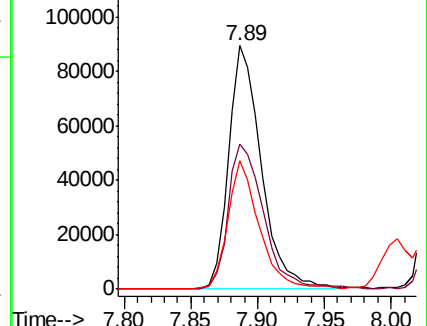
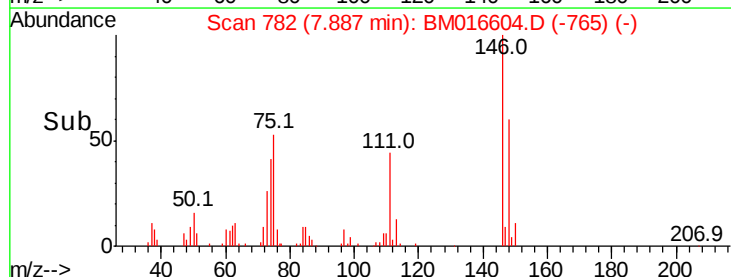
75 52.8 21.4 32.2#

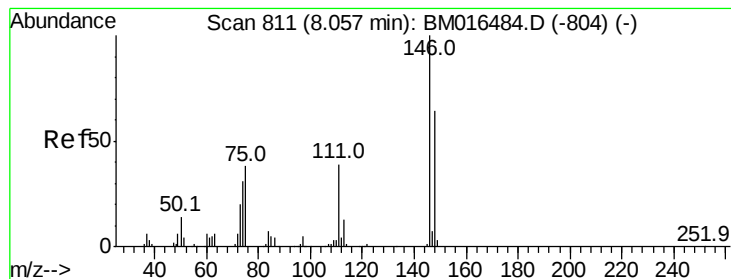


Abundance Ion 146.00 (145.70 to 146.70): BM016604.D (-778) (-)

Ion 148.00 (147.70 to 148.70): BM016604.D (-778) (-)

Ion 75.00 (74.70 to 75.70): BM016604.D (-778) (-)





#13

1,4-Dichlorobenzene

Concen: 20.560 ng

RT: 8.04 min Scan# 808

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

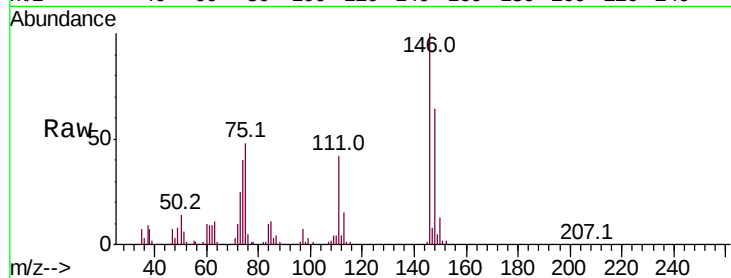
Tot Ion:146 Resp: 160159

Ion Ratio Lower Upper

146 100

148 63.5 51.9 77.9

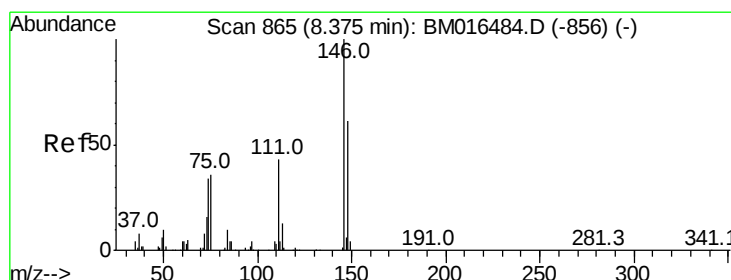
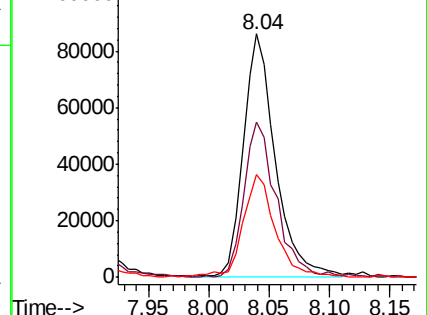
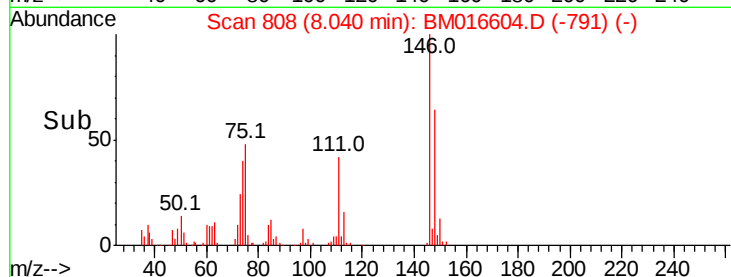
111 42.5 29.2 43.8



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: 20.329 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

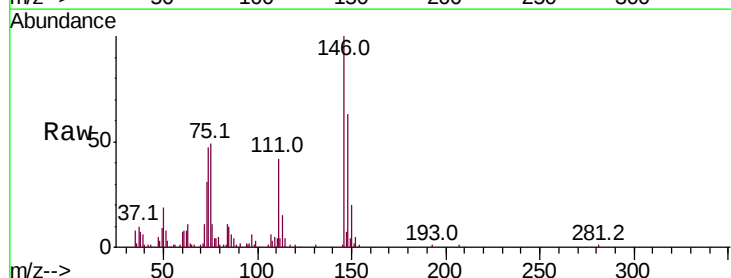
Tgt Ion:146 Resp: 155579

Ion Ratio Lower Upper

146 100

148 62.8 52.3 78.5

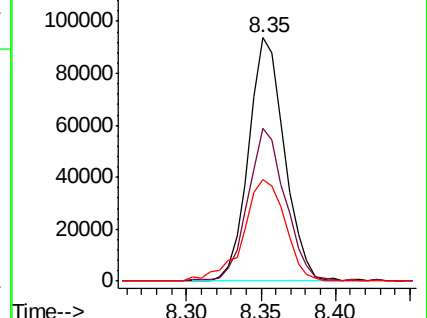
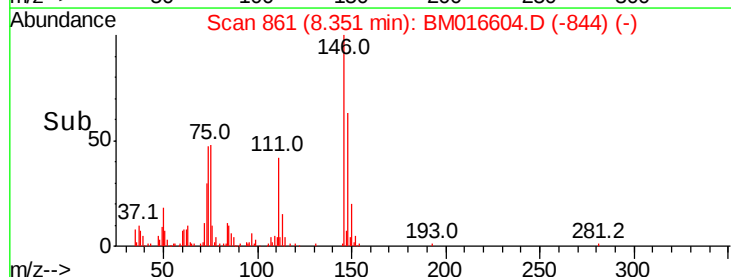
111 41.9 30.6 45.8

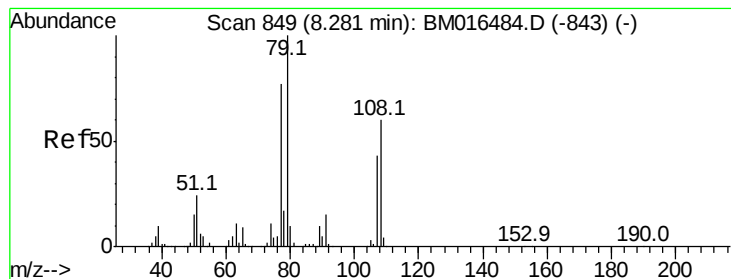


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 17.352 ng

RT: 8.27 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampled :

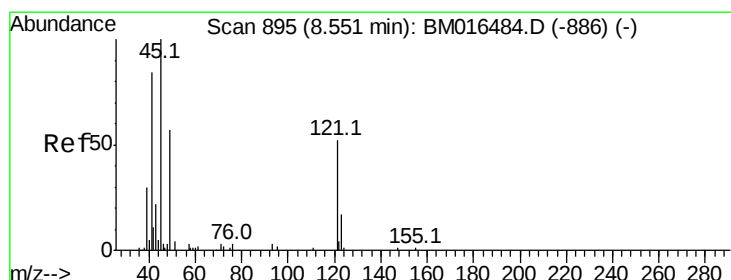
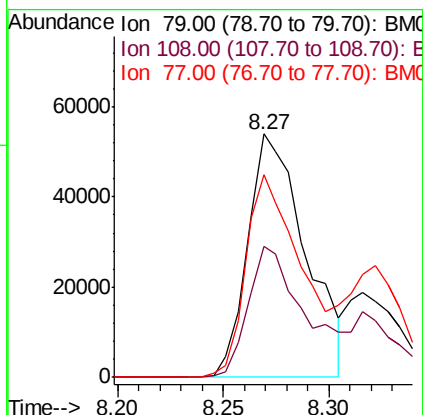
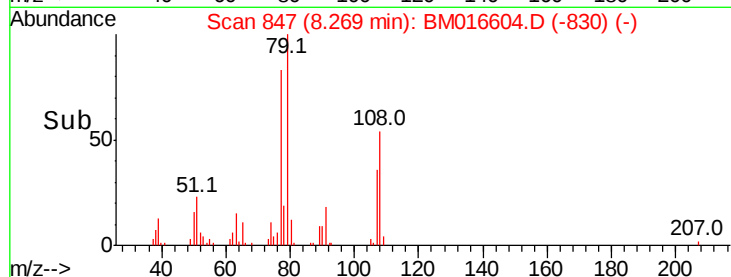
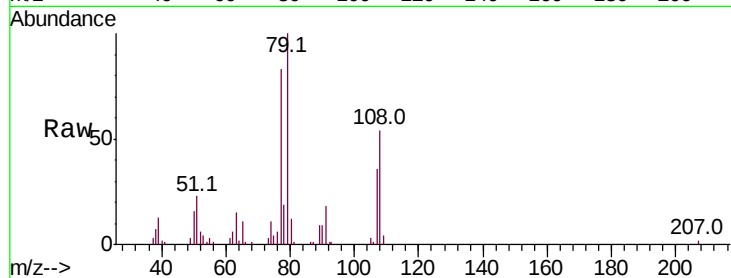
Tot Ion: 79 Resp: 102598

Ion Ratio Lower Upper

79 100

108 53.7 65.0 97.4#

77 83.2 53.0 79.6#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.922 ng

RT: 8.52 min Scan# 890

Delta R.T. -0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

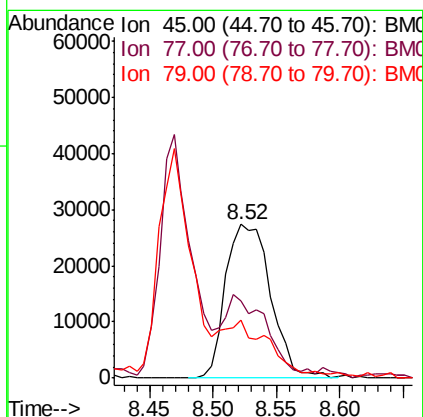
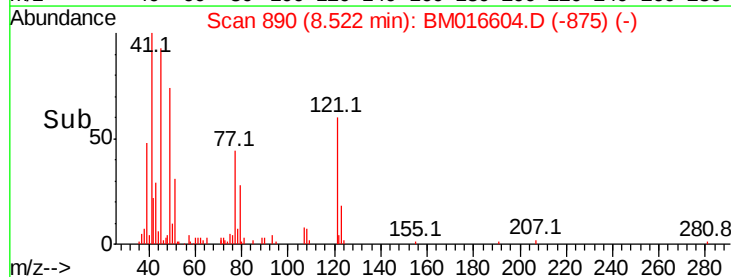
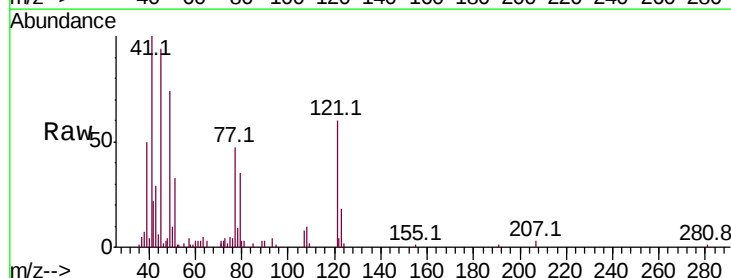
Tgt Ion: 45 Resp: 68022

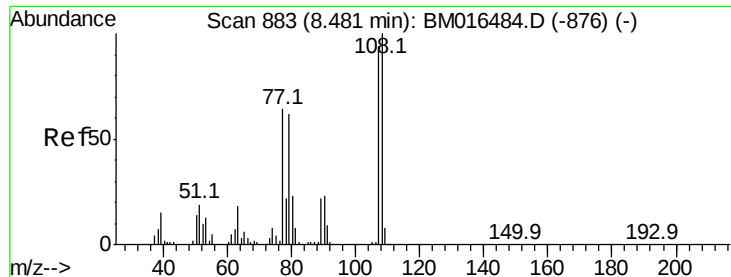
Ion Ratio Lower Upper

45 100

77 50.4 0.0 35.2#

79 37.4 0.0 32.0#





#17

2-Methylphenol

Concen: 22.774 ng

RT: 8.47 min Scan# 881

Delta R.T. 0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 103840

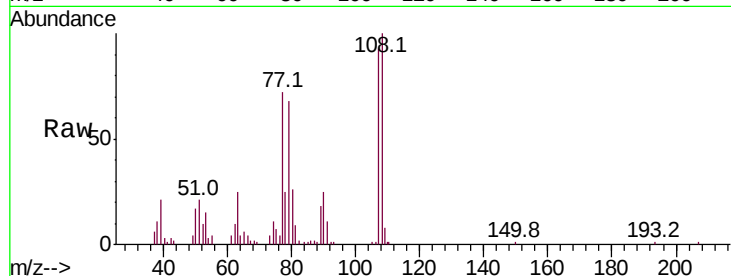
Ion Ratio Lower Upper

107 100

108 107.4 89.8 134.8

77 77.8 32.6 48.8#

79 73.5 32.8 49.2#

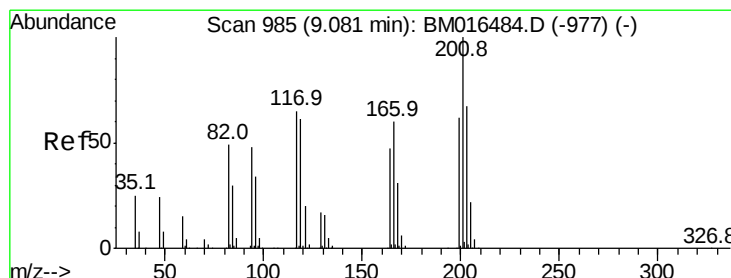
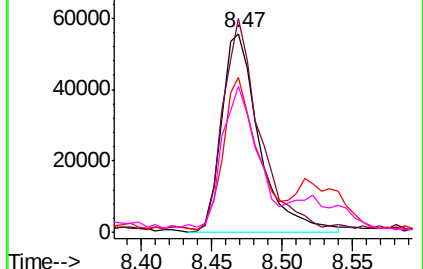
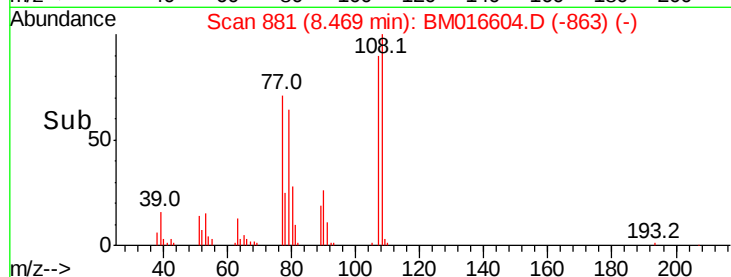


Abundance Ion 107.00 (106.70 to 107.70): E

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: 23.975 ng

RT: 9.06 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

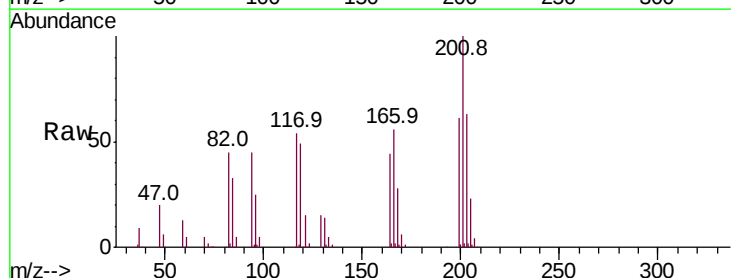
Tgt Ion:117 Resp: 86039

Ion Ratio Lower Upper

117 100

119 90.6 79.2 118.8

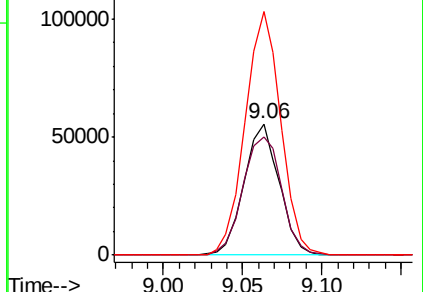
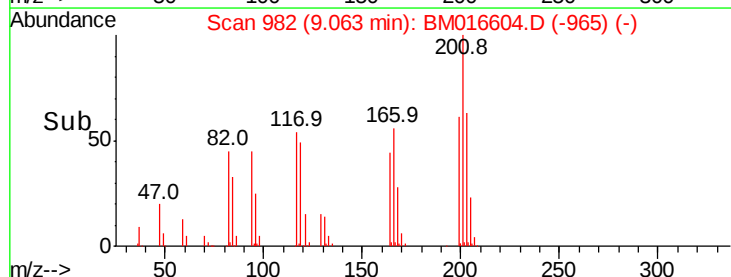
201 185.9 69.8 104.6#

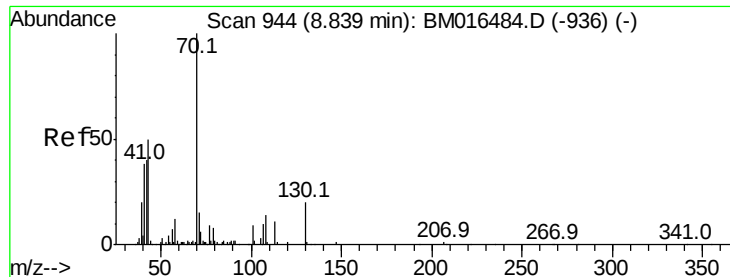


Abundance Ion 117.00 (116.70 to 117.70): E

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: 21.111 ng

RT: 8.82 min Scan# 941

Delta R.T. 0.00 min

Lab File: BM016604.D

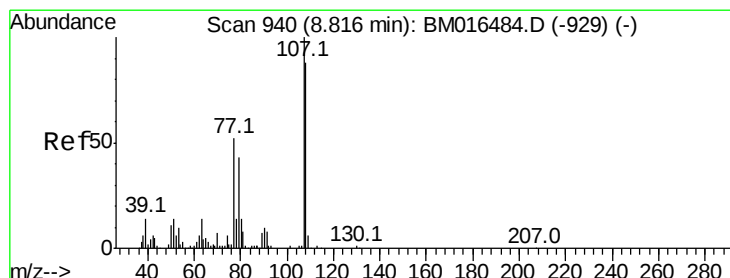
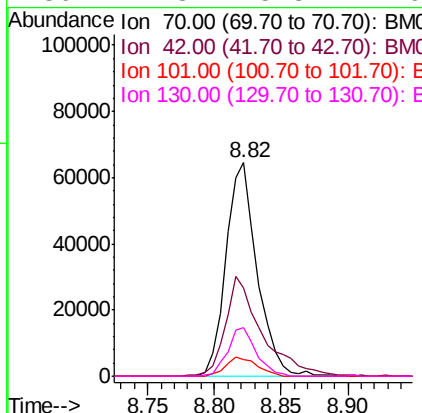
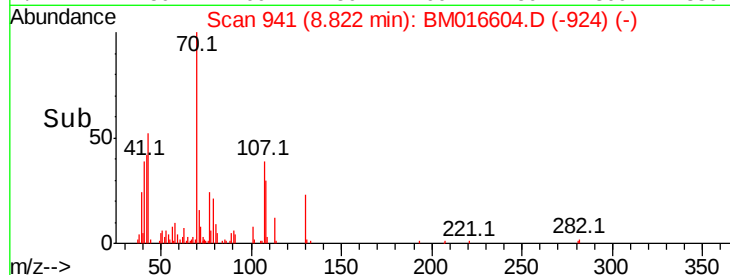
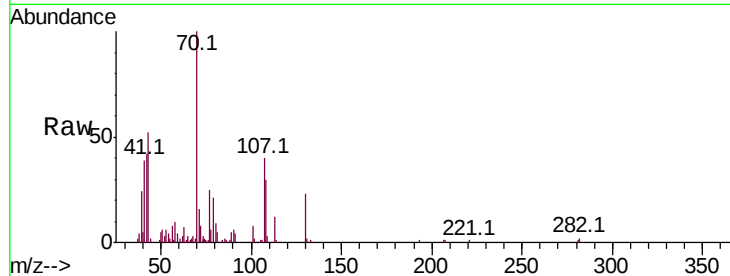
Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	70	Resp:	105381
Ion	Ratio	Lower	Upper
70	100		
42	41.6	44.5	66.7#
101	8.0	7.4	11.2
130	22.8	15.3	22.9



#20

3+4-Methylphenols

Concen: 20.164 ng

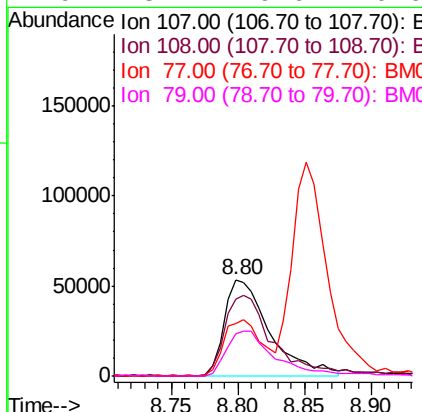
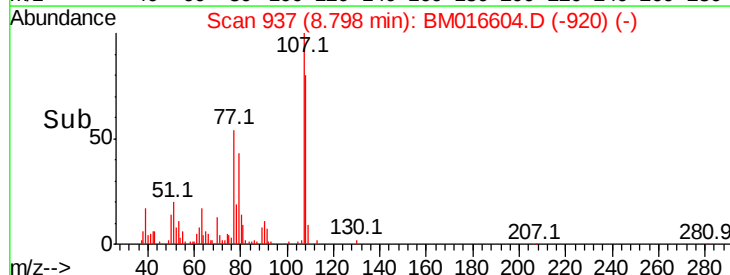
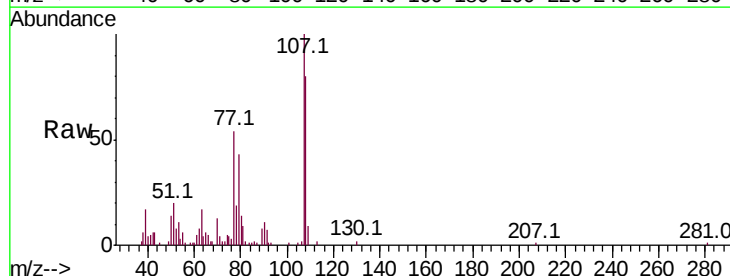
RT: 8.80 min Scan# 937

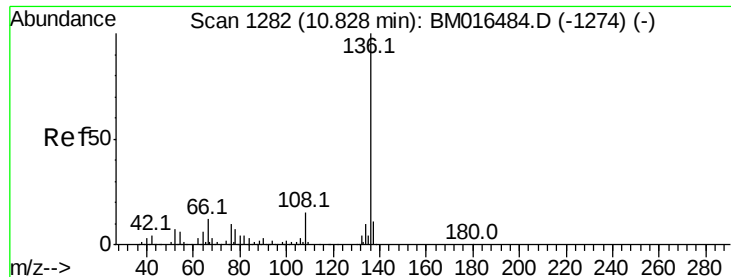
Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion:	107	Resp:	127121
Ion	Ratio	Lower	Upper
107	100		
108	80.3	73.2	113.2
77	54.5	10.7	50.7#
79	43.4	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: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 362998

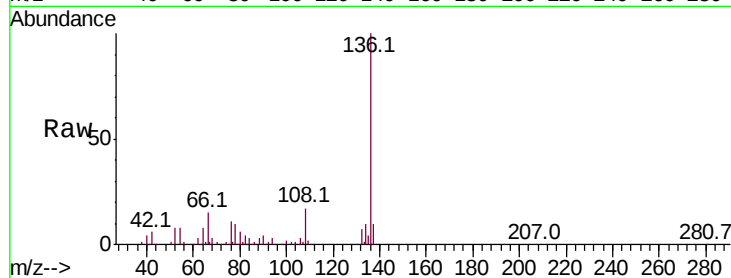
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 8.2 4.6 6.8#

68 3.0 3.7 5.5#

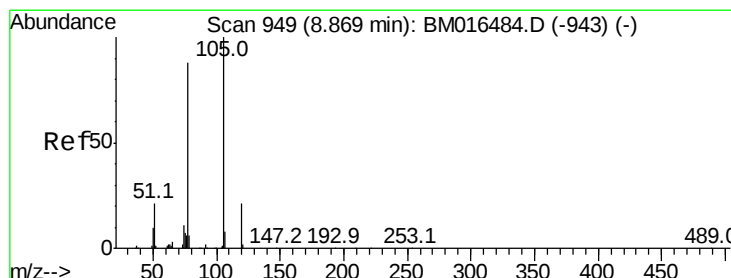
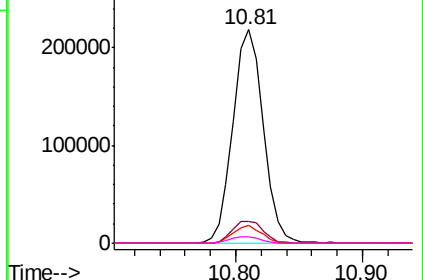
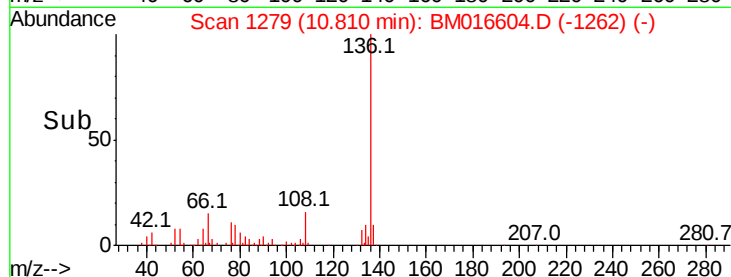


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.895 ng

RT: 8.85 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion:105 Resp: 200130

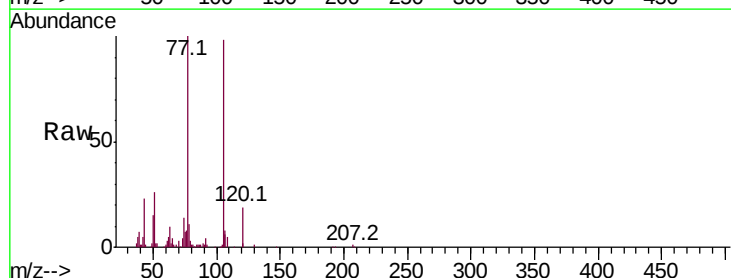
Ion Ratio Lower Upper

105 100

71 0.4 0.6 1.0#

51 26.8 21.6 32.4

120 19.0 16.1 24.1

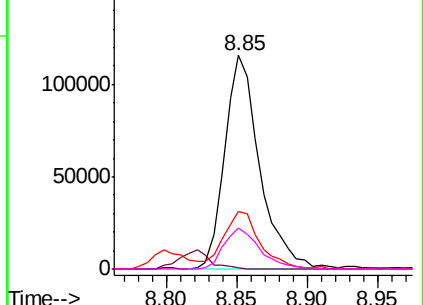
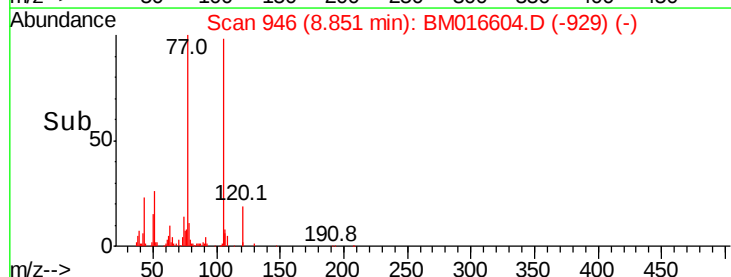


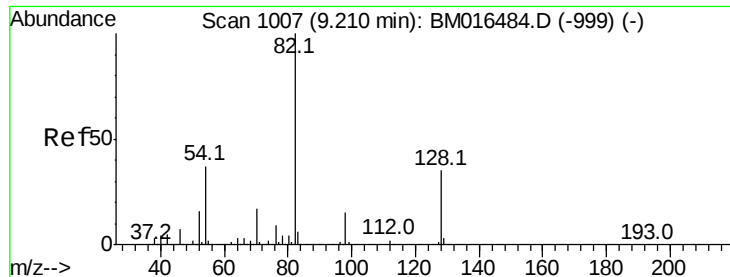
Abundance Ion 105.00 (104.70 to 105.70): E

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

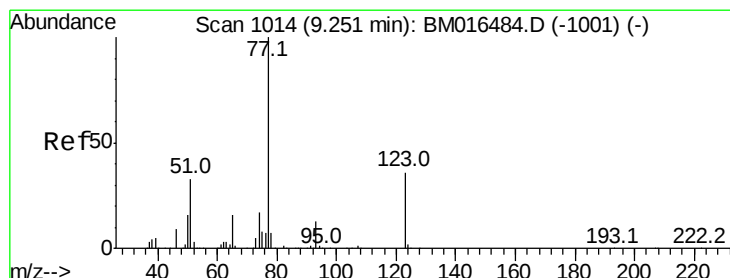
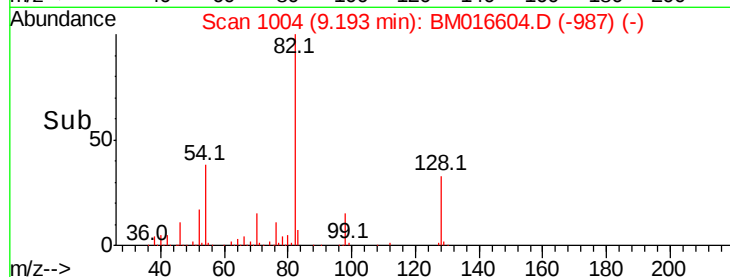
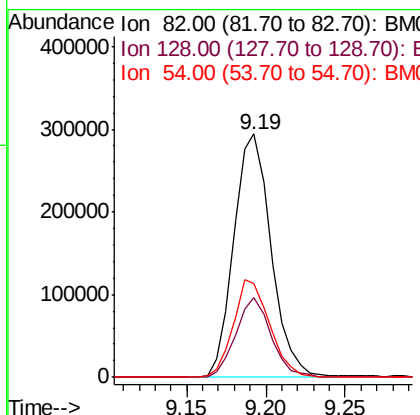
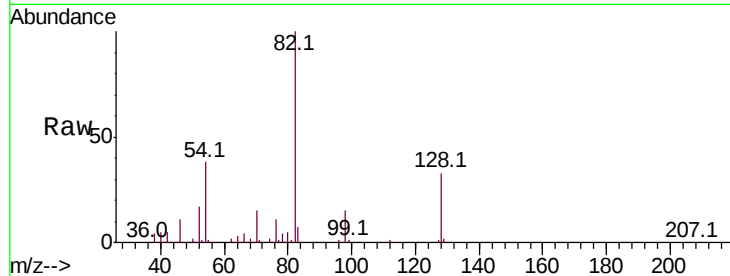




#23
 Nitrobenzene-d5
 Concen: 60.446 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

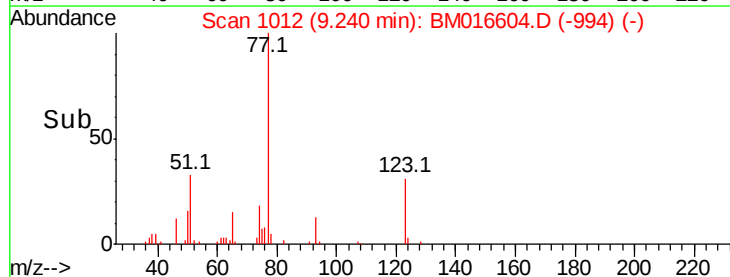
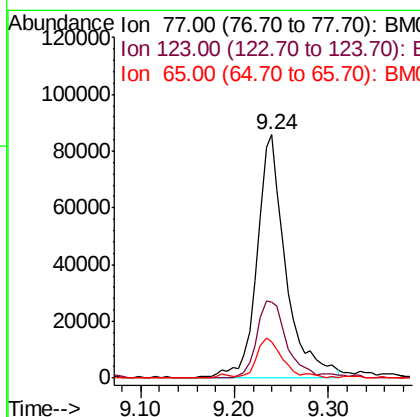
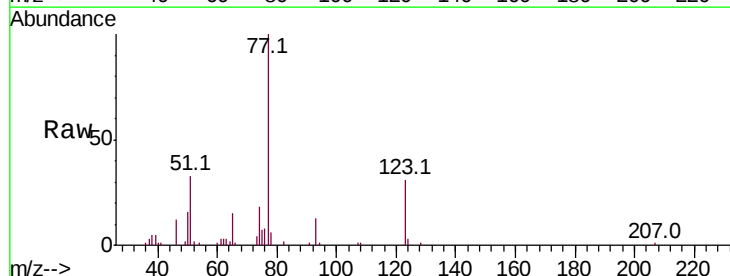
Instrument :
 BNA_M
 ClientSampleId :

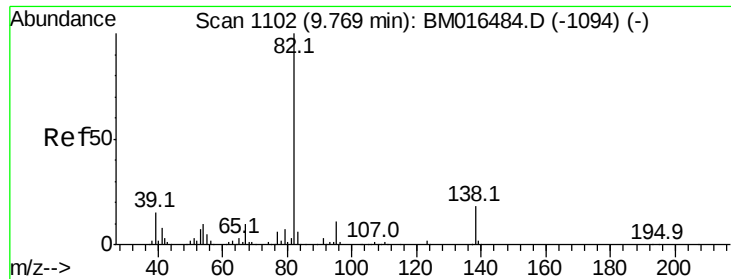
Tot Ion: 82 Resp: 480557
 Ion Ratio Lower Upper
 82 100
 128 32.6 32.8 49.2#
 54 38.4 40.6 60.8#



#24
 Nitrobenzene
 Concen: 22.903 ng
 RT: 9.24 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion: 77 Resp: 181928
 Ion Ratio Lower Upper
 77 100
 123 31.4 32.6 49.0#
 65 15.0 10.9 16.3

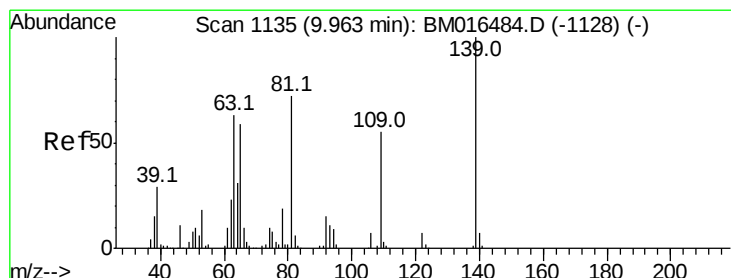
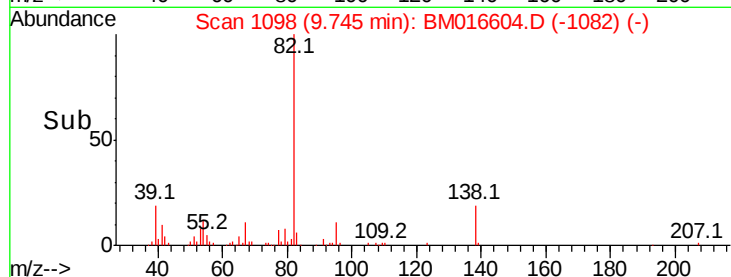
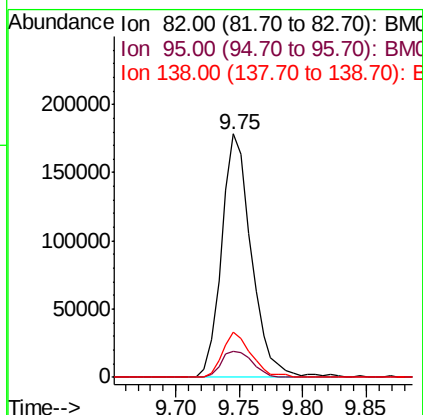
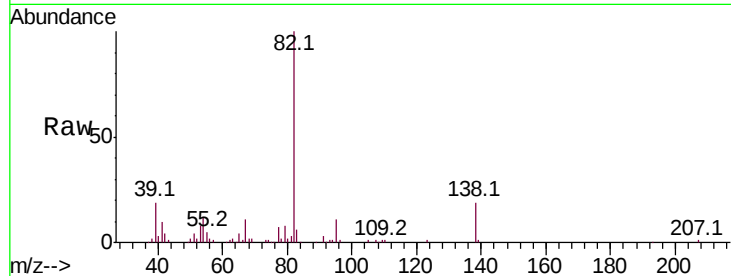




#25
Isophorone
Concen: 27.399 ng
RT: 9.75 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

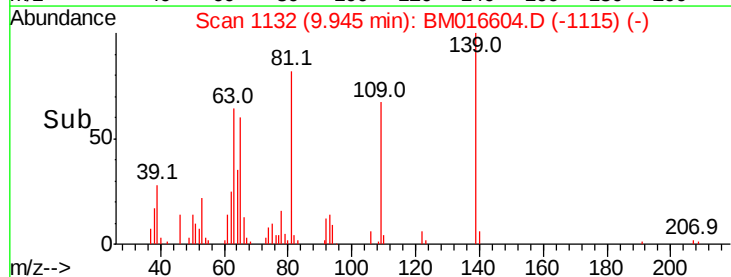
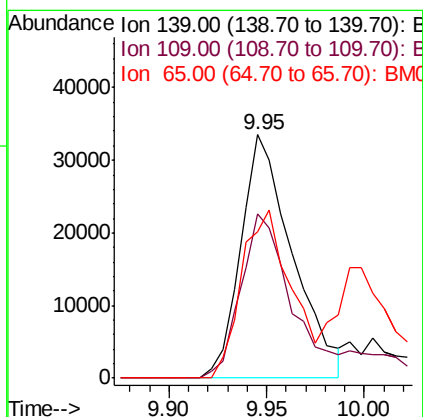
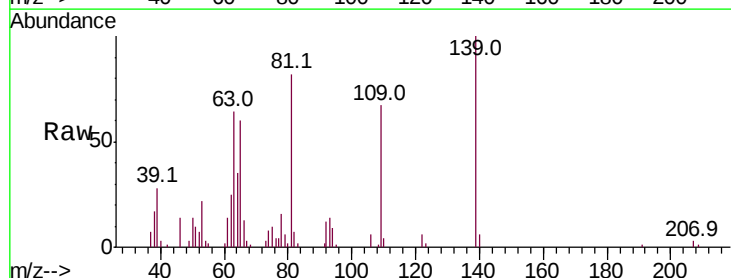
Instrument :
BNA_M
ClientSampleId :

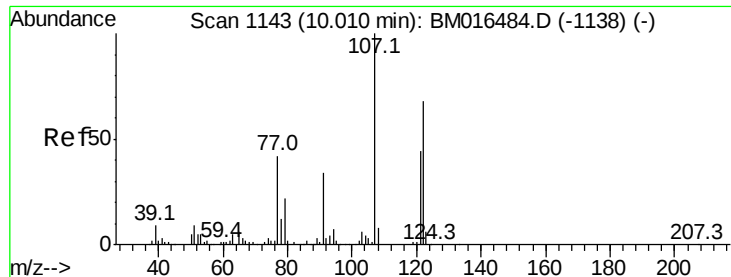
Tot Ion: 82 Resp: 291125
Ion Ratio Lower Upper
82 100
95 10.5 5.8 8.6#
138 18.7 16.3 24.5



#26
2-Nitrophenol
Concen: 18.089 ng
RT: 9.95 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion: 139 Resp: 61430
Ion Ratio Lower Upper
139 100
109 67.3 20.1 30.1#
65 60.0 31.5 47.3#

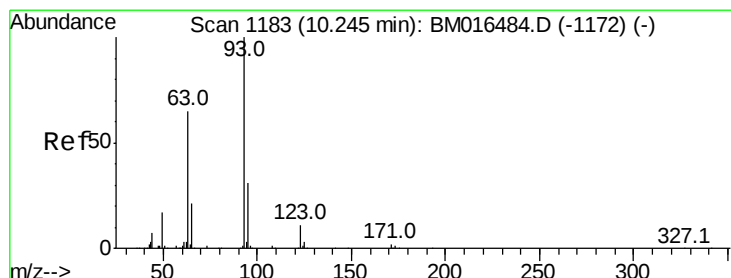
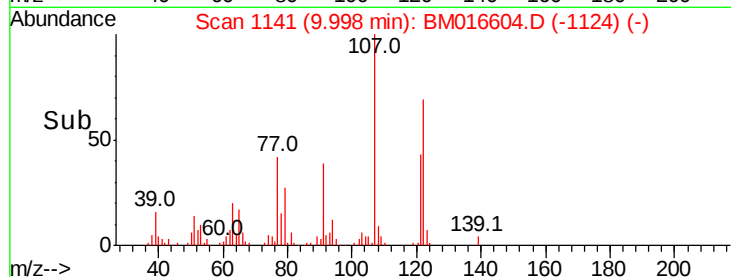
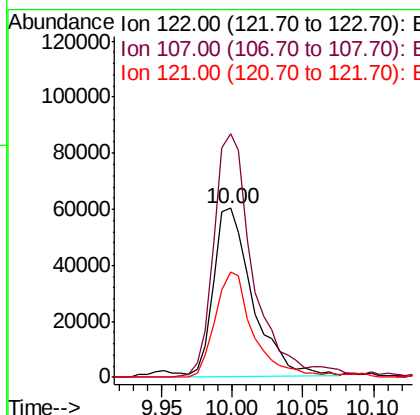
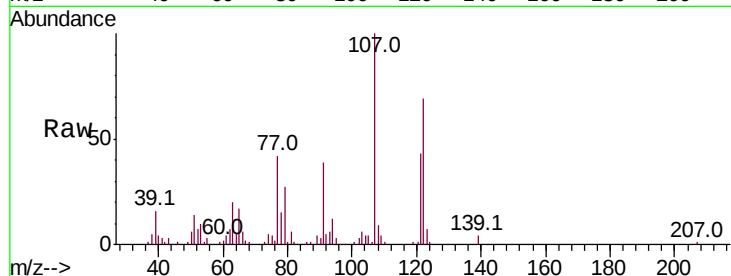




#27
 2,4-Dimethylphenol
 Concen: 26.049 ng
 RT: 10.00 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

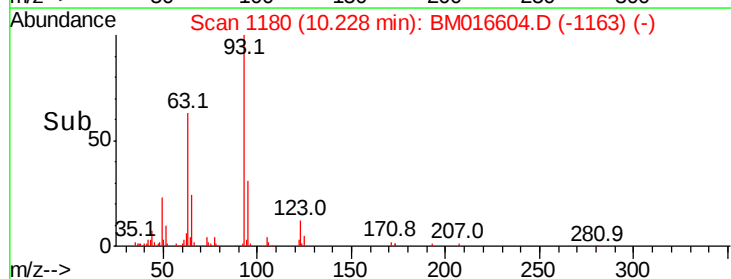
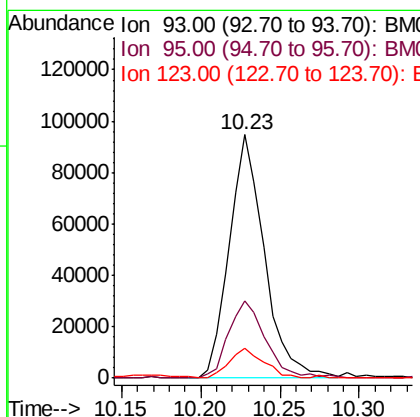
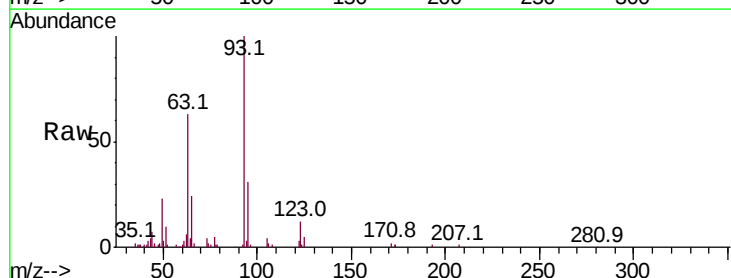
Instrument :
 BNA_M
 ClientSampleId :

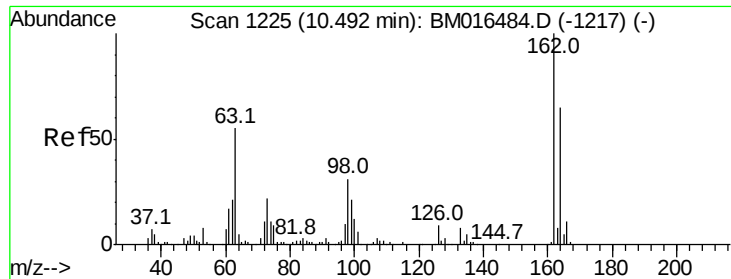
Tot Ion:122 Resp: 115282
 Ion Ratio Lower Upper
 122 100
 107 144.0 84.7 127.1#
 121 62.3 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 23.102 ng
 RT: 10.23 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion: 93 Resp: 146530
 Ion Ratio Lower Upper
 93 100
 95 31.5 25.5 38.3
 123 12.0 8.6 13.0

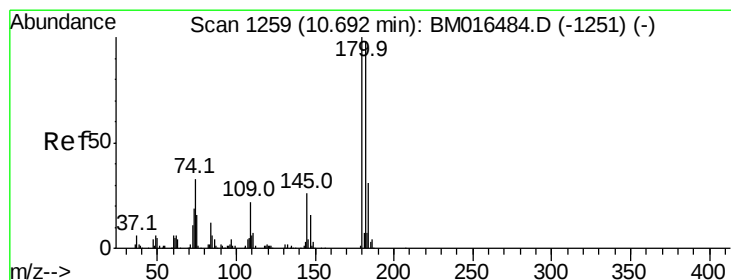
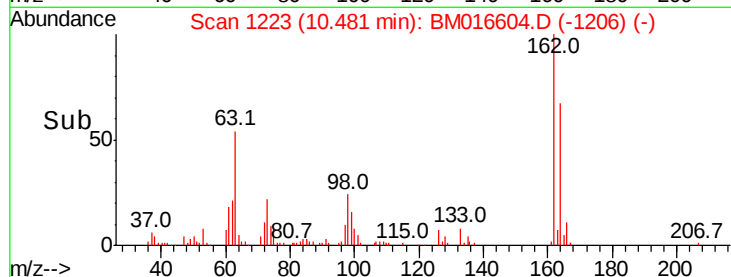
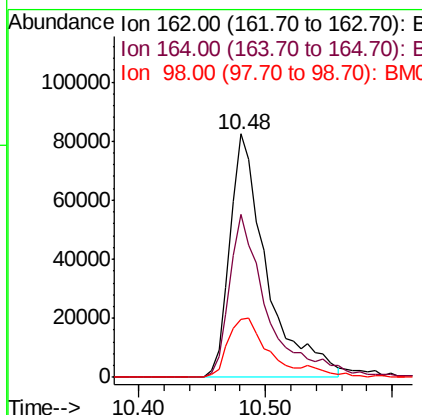
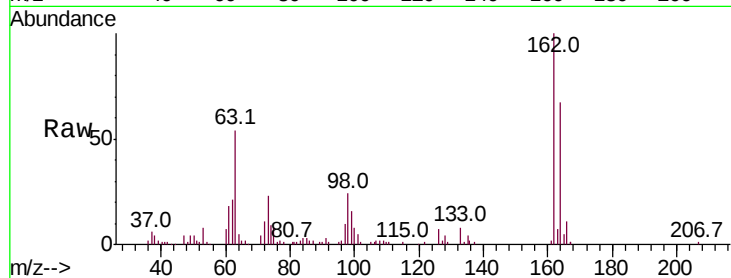




#29
 2,4-Dichlorophenol
 Concen: 25.129 ng
 RT: 10.48 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

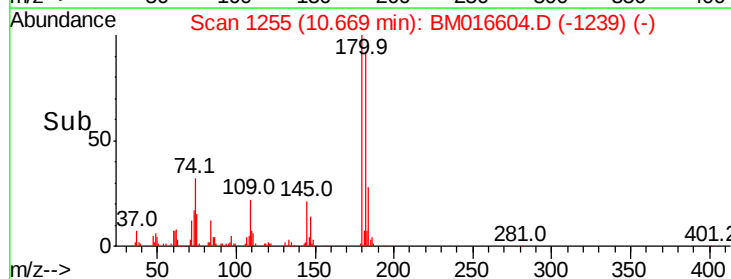
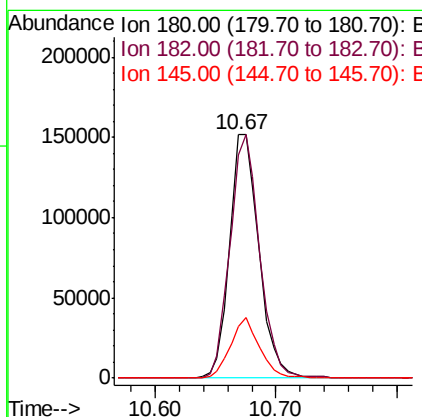
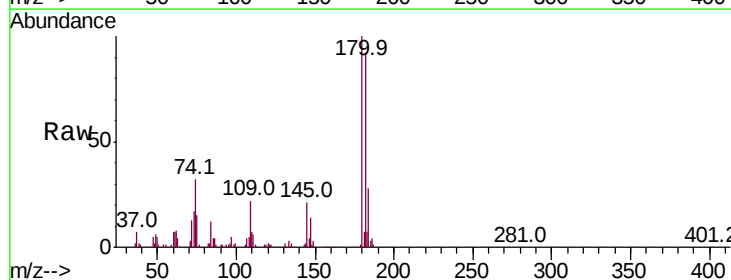
Instrument :
 BNA_M
 ClientSampleId :

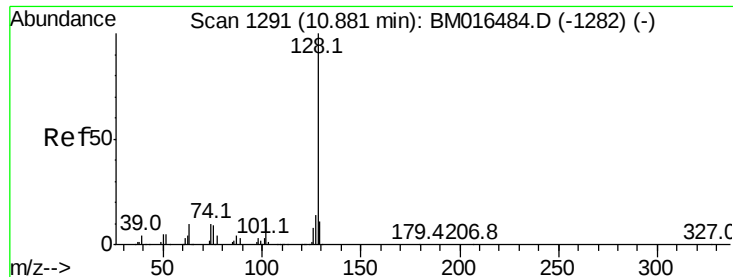
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.0	42.8	82.8
98	23.7	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 25.704 ng
 RT: 10.67 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.7	77.6	116.4
145	21.4	23.4	35.2#

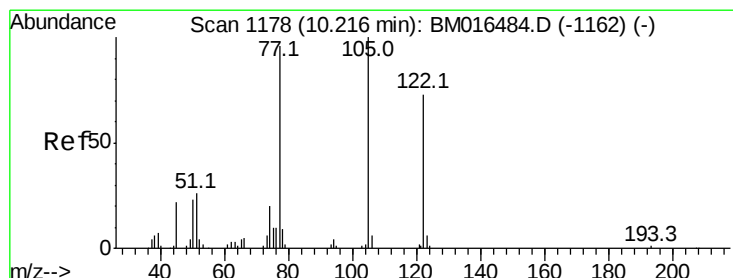
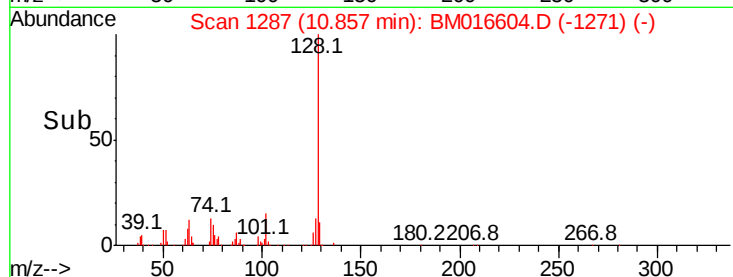
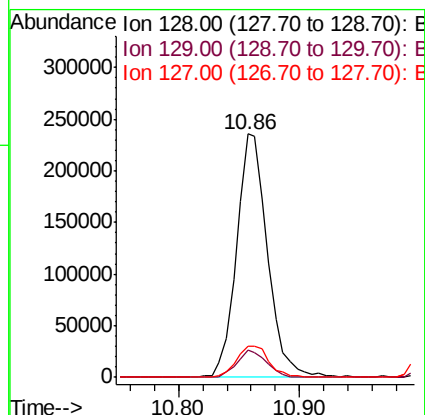
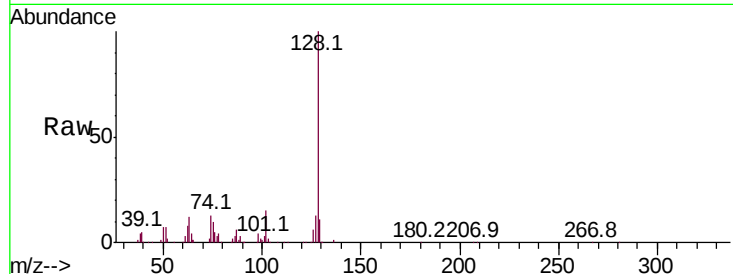




#31
Naphthalene
Concen: 24.336 ng
RT: 10.86 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

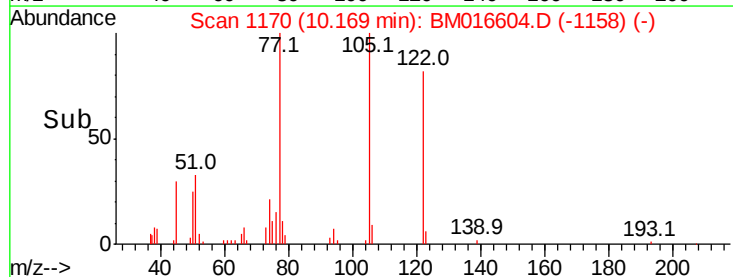
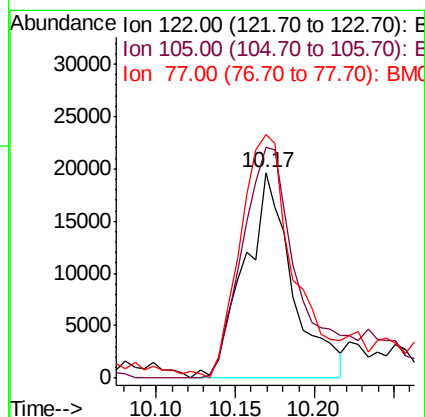
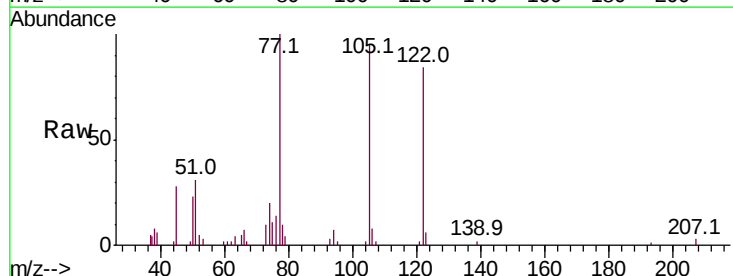
Instrument :
BNA_M
ClientSampleId :

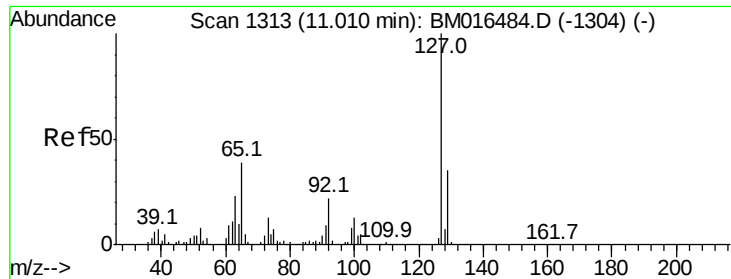
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.7	10.4	15.6



#32
Benzoic acid
Concen: 11.167 ng
RT: 10.17 min Scan# 1170
Delta R.T. -0.03 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	111.9	99.9	139.9
77	118.4	73.7	113.7#

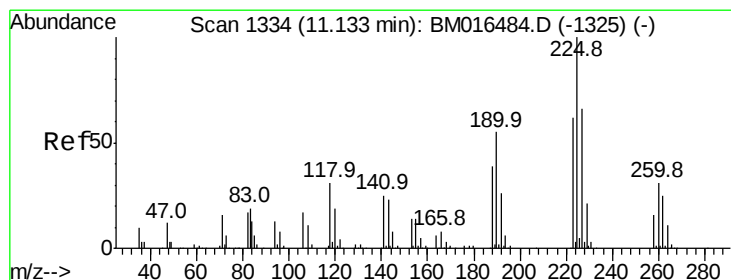
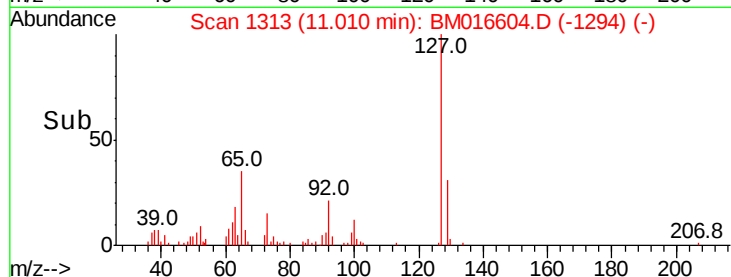
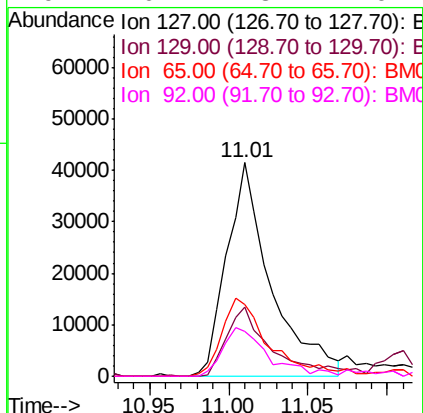
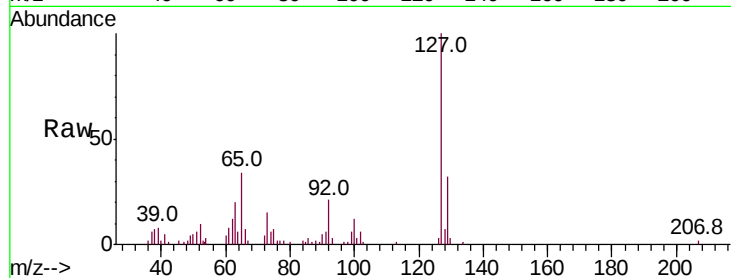




#33
4-Chloroaniline
Concen: 11.073 ng
RT: 11.01 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

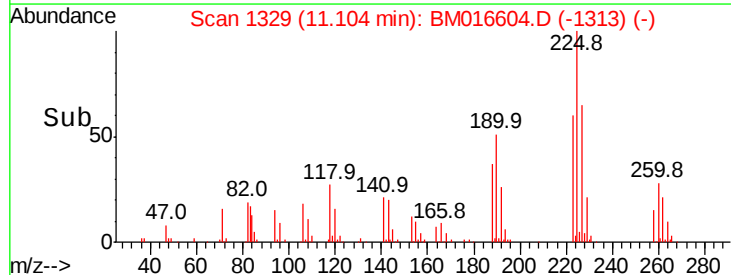
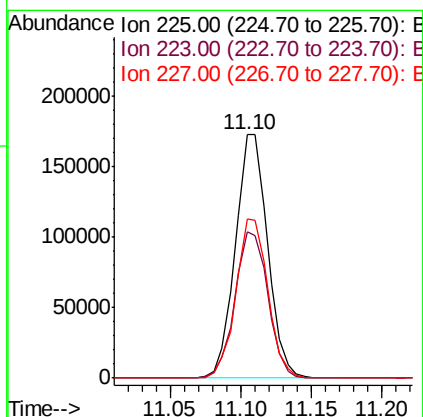
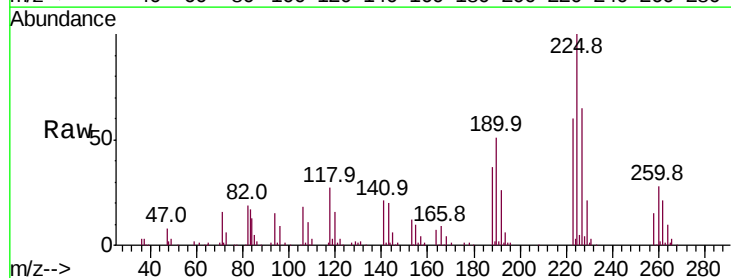
Instrument :
BNA_M
ClientSampleId :

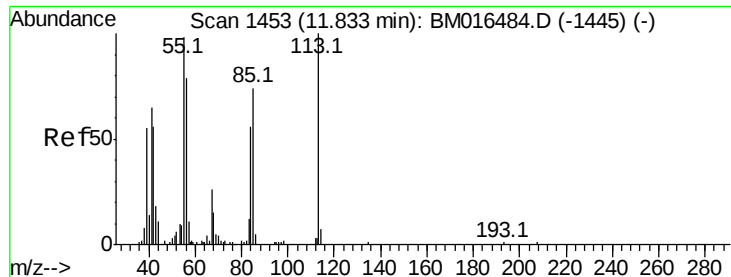
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.3	37.9
65	33.7	17.6	26.4
92	20.7	13.1	19.7



#34
Hexachlorobutadiene
Concen: 28.596 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	47.9	71.9
227	65.3	50.1	75.1





#35

Caprolactam

Concen: 19.688 ng

RT: 11.81 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

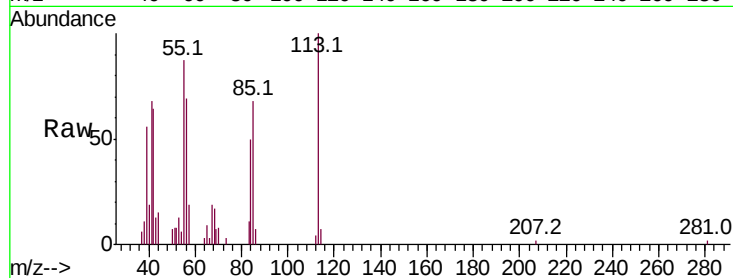
Tot Ion:113 Resp: 31290

Ion Ratio Lower Upper

113 100

55 86.8 145.9 185.9#

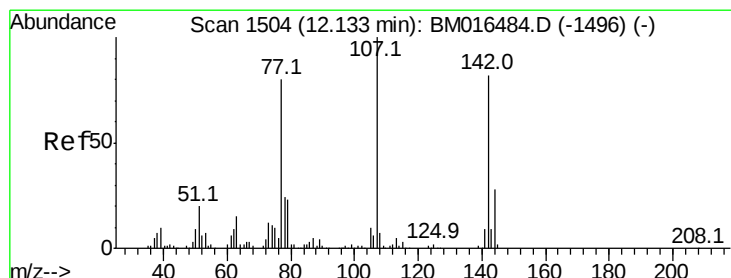
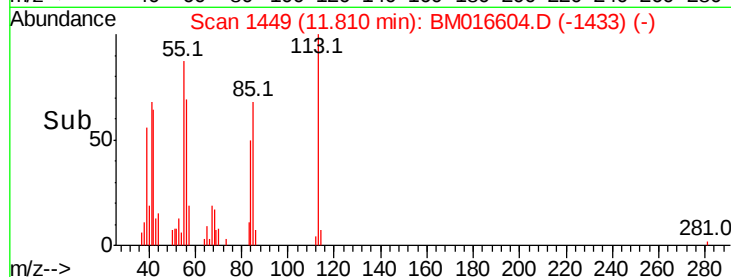
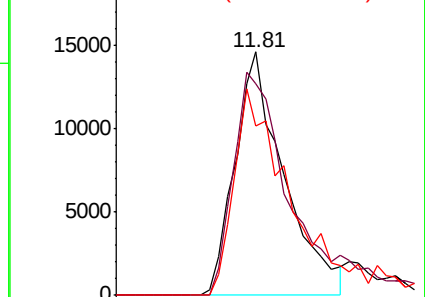
56 69.5 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 22.032 ng

RT: 12.12 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

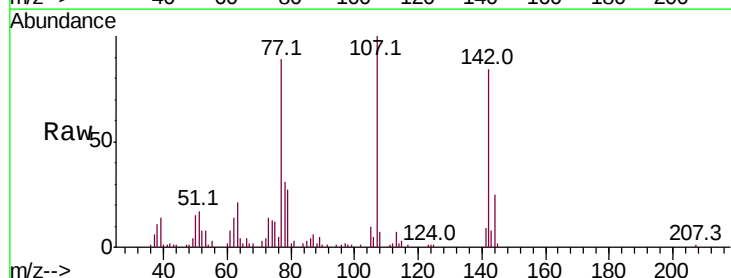
Tgt Ion:107 Resp: 140288

Ion Ratio Lower Upper

107 100

144 24.7 23.3 34.9

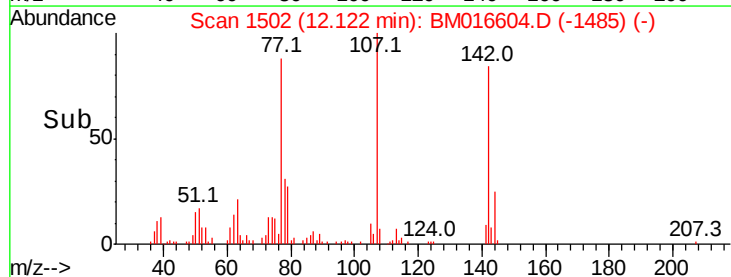
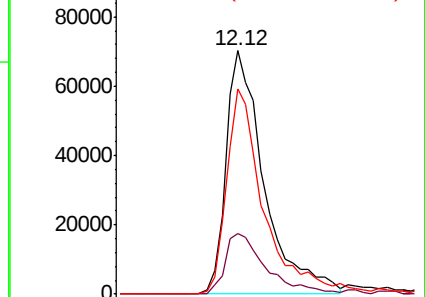
142 84.4 72.6 109.0

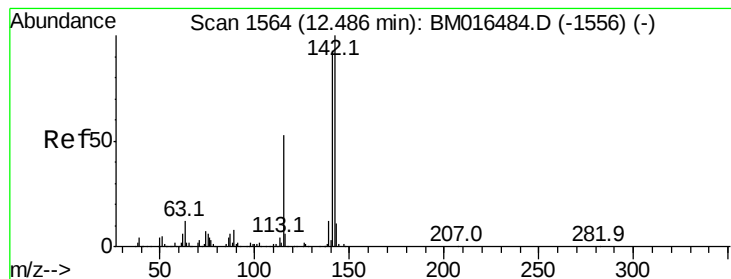


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 25.023 ng

RT: 12.47 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampled :

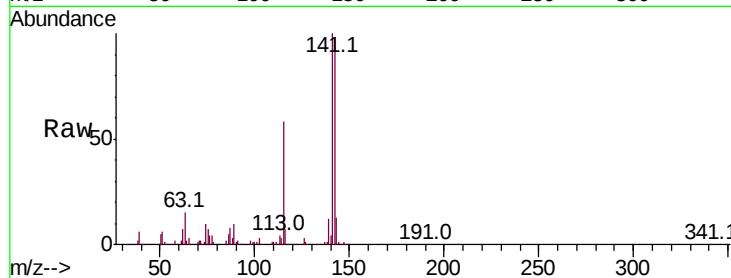
Tot Ion:142 Resp: 338791

Ion Ratio Lower Upper

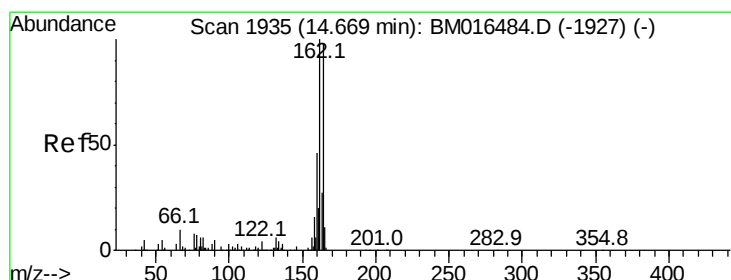
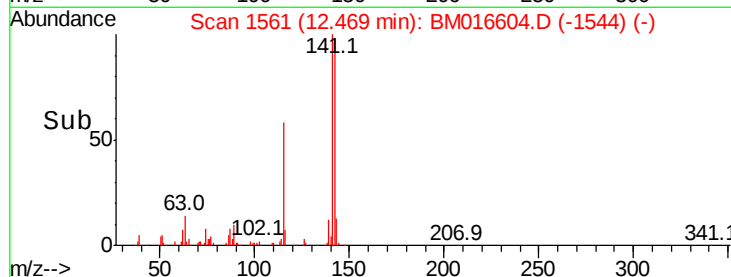
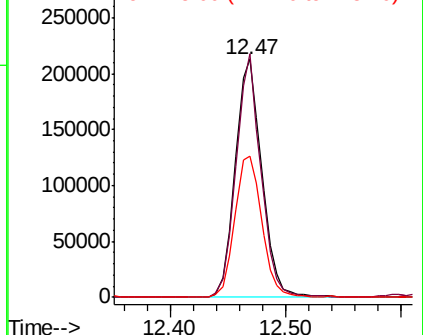
142 100

141 102.2 71.9 107.9

115 59.3 25.4 38.0#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

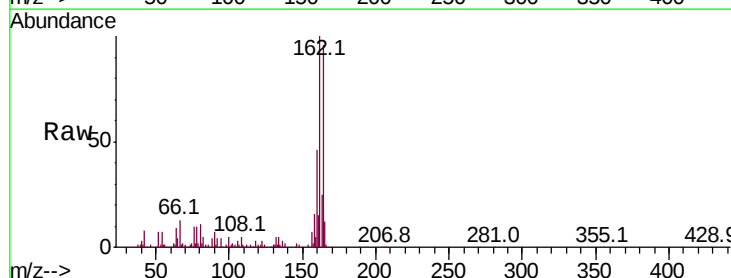
Tgt Ion:164 Resp: 276381

Ion Ratio Lower Upper

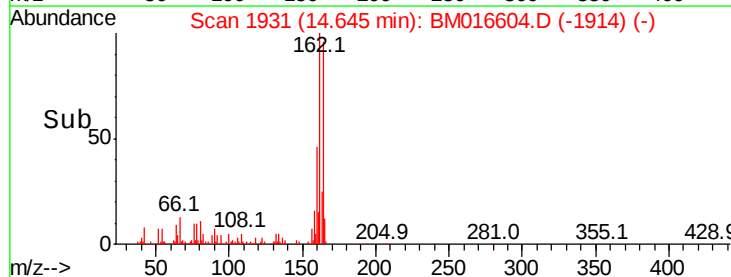
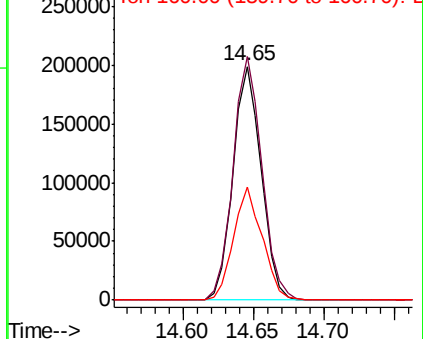
164 100

162 104.1 82.4 123.6

160 48.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

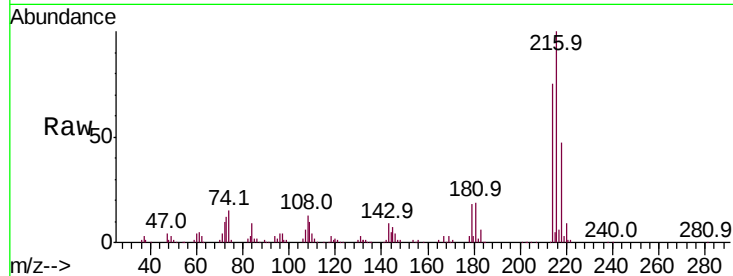




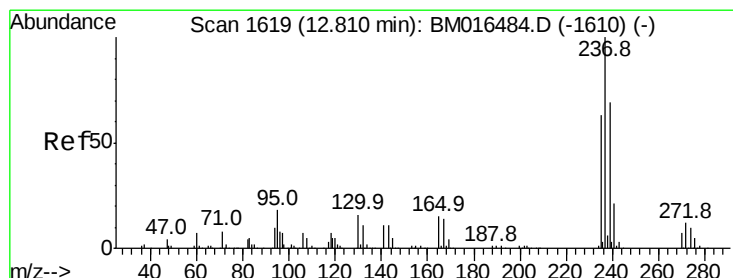
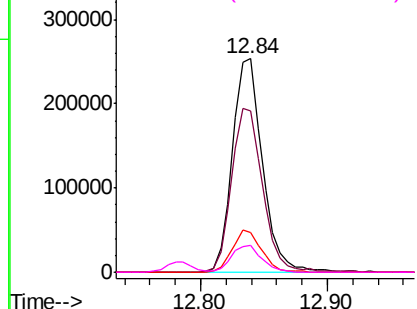
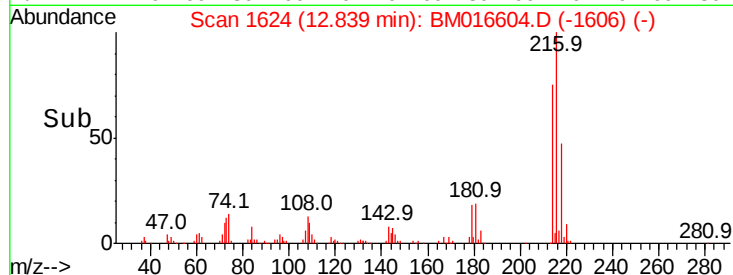
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.627 ng
 RT: 12.84 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	415634
Ion	Ratio	Lower	Upper
216	100		
214	78.9	0.0	0.0#
179	19.2	0.0	0.0#
108	12.6	0.0	0.0#

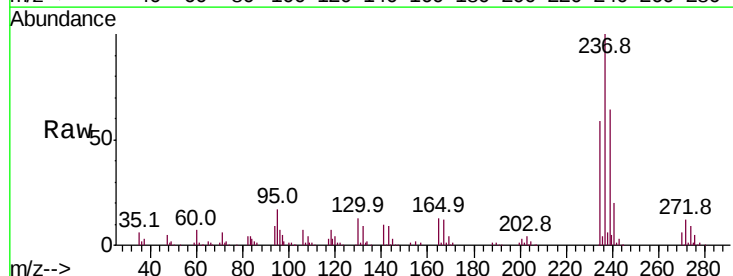


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

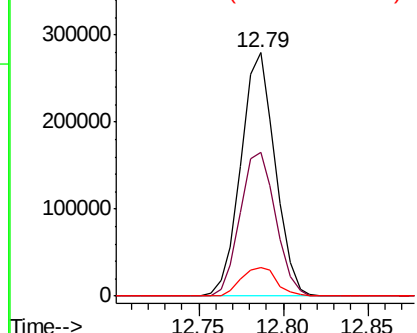
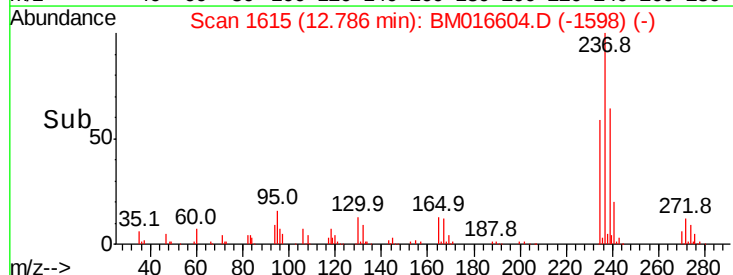


#40
 Hexachlorocyclopentadiene
 Concen: 61.619 ng
 RT: 12.79 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion:	237	Resp:	395891
Ion	Ratio	Lower	Upper
237	100		
235	58.9	42.0	82.0
272	11.8	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

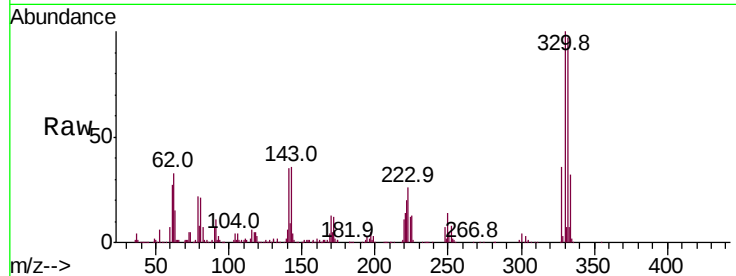




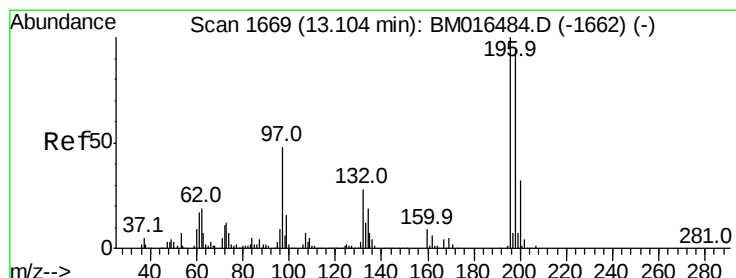
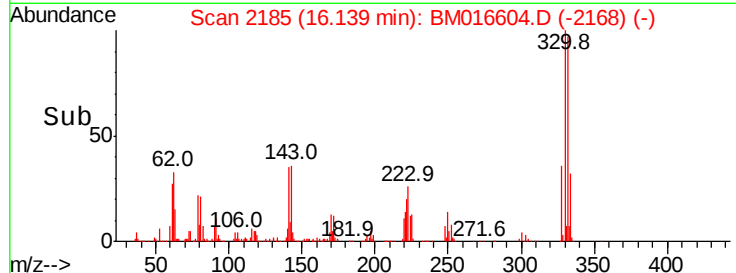
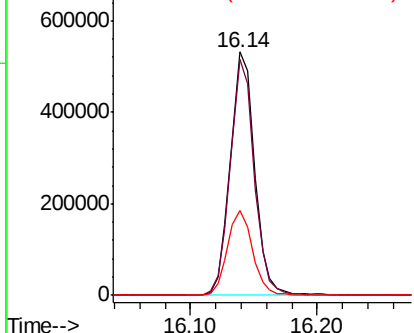
#41
 2,4,6-Tribromophenol
 Concen: 91.141 ng
 RT: 16.14 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	36.3	0.0	0.0#

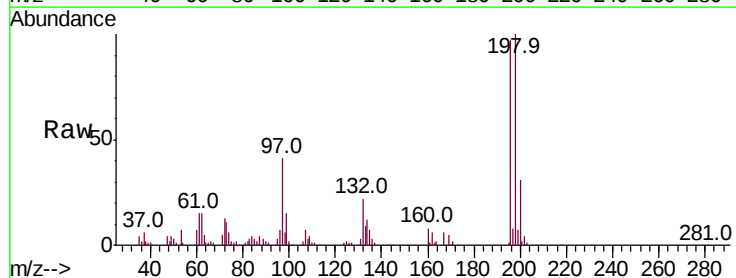


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

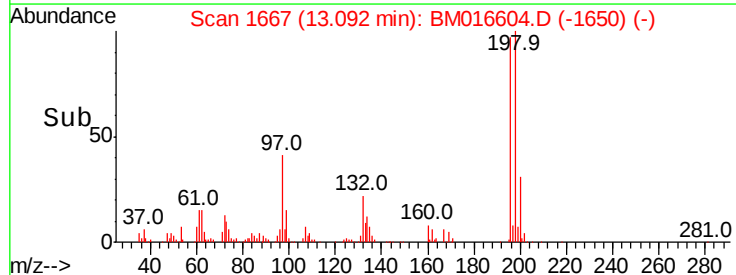
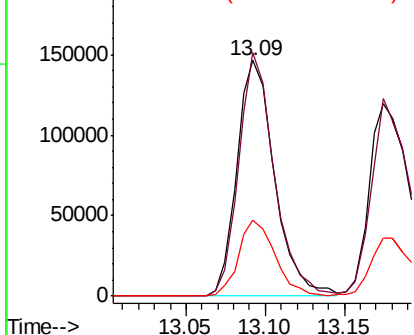


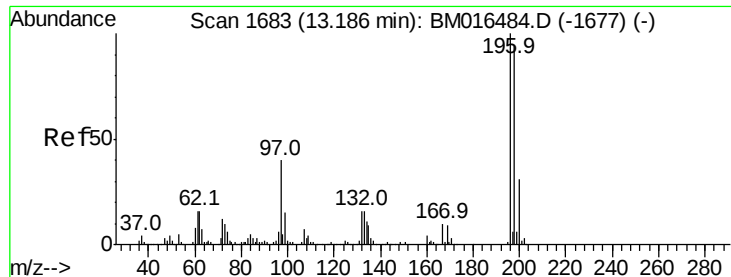
#42
 2,4,6-Trichlorophenol
 Concen: 25.855 ng
 RT: 13.09 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.4	76.3	114.5
200	32.4	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

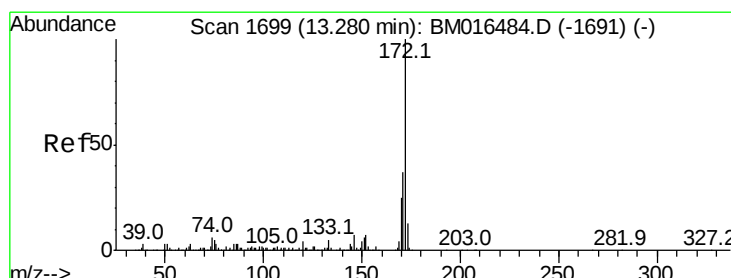
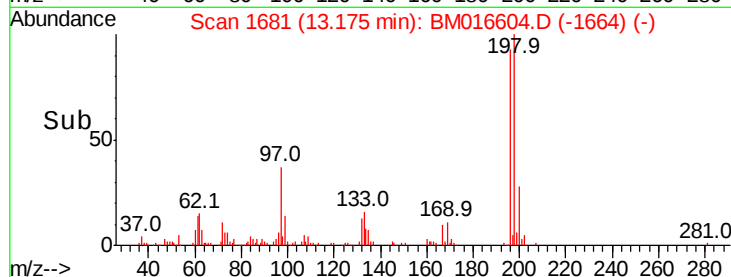
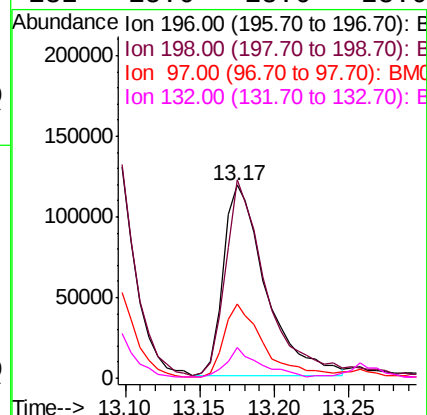
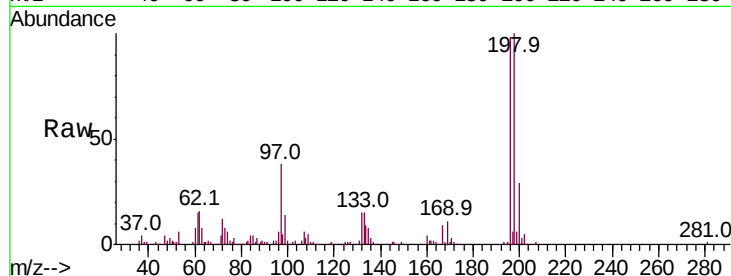




#43
2,4,5-Trichlorophenol
Concen: 25.693 ng
RT: 13.17 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

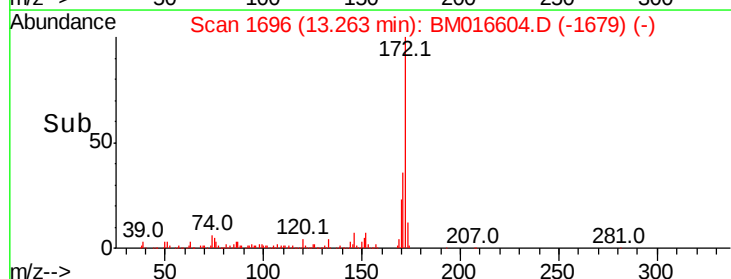
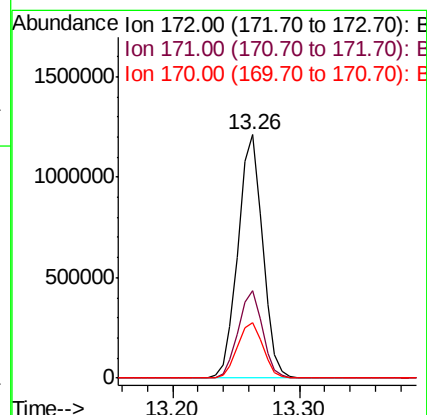
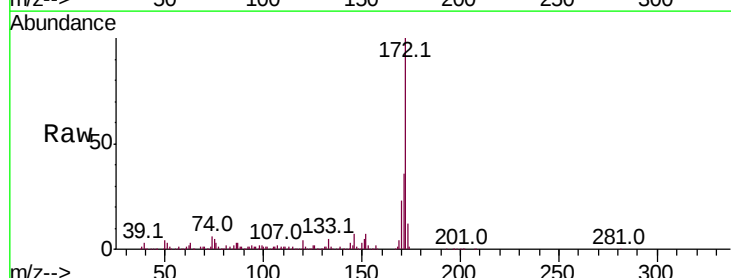
Instrument :
BNA_M
ClientSampleId :

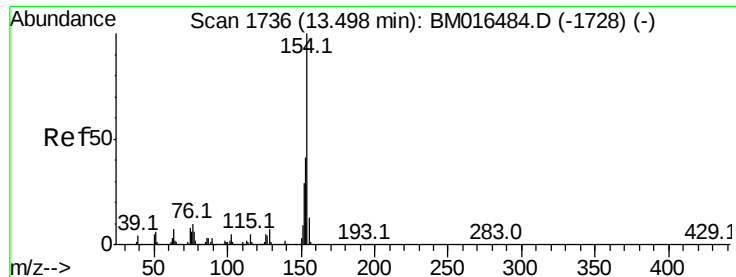
Tot Ion:196 Resp: 234262
Ion Ratio Lower Upper
196 100
198 102.4 79.4 119.0
97 38.7 26.8 40.2
132 15.6 18.6 28.0#



#44
2-Fluorobiphenyl
Concen: 56.251 ng
RT: 13.26 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion:172 Resp: 1617380
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 22.7 18.8 28.2





#45

1,1'-Biphenyl

Concen: 20.295 ng

RT: 13.47 min Scan# 1732

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

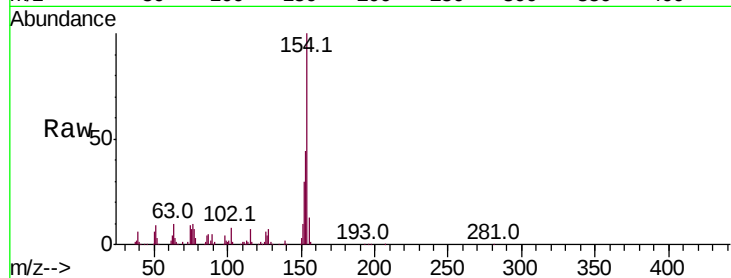
Tot Ion:154 Resp: 491849

Ion Ratio Lower Upper

154 100

153 44.0 20.7 60.7

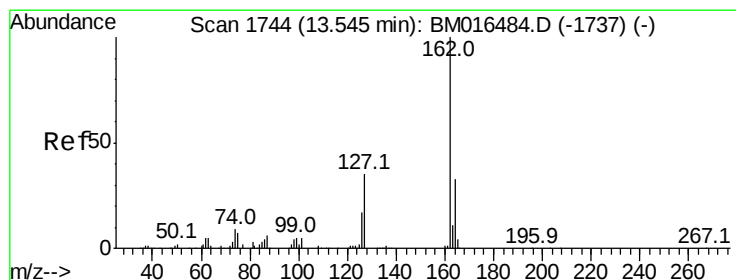
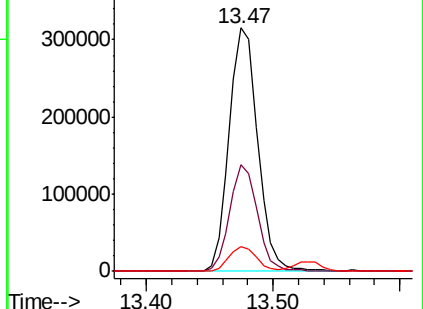
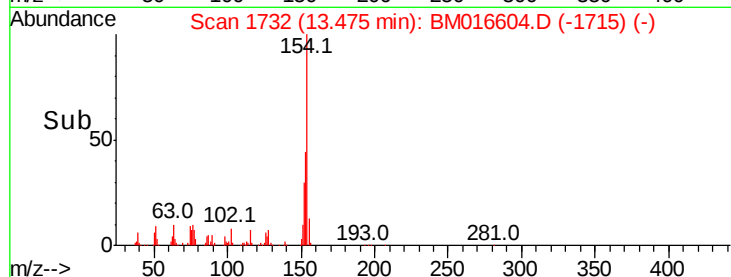
76 10.4 0.0 30.9



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: 20.483 ng

RT: 13.53 min Scan# 1741

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

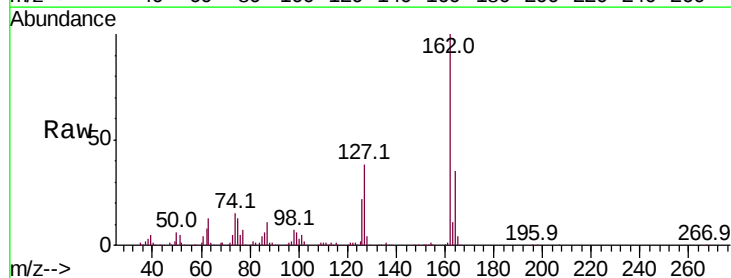
Tgt Ion:162 Resp: 403282

Ion Ratio Lower Upper

162 100

127 38.3 26.9 40.3

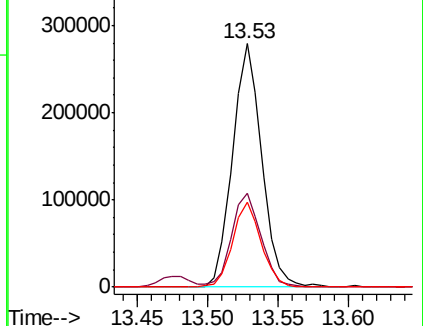
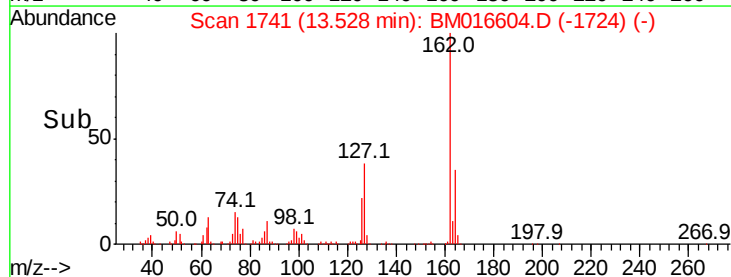
164 34.8 26.8 40.2

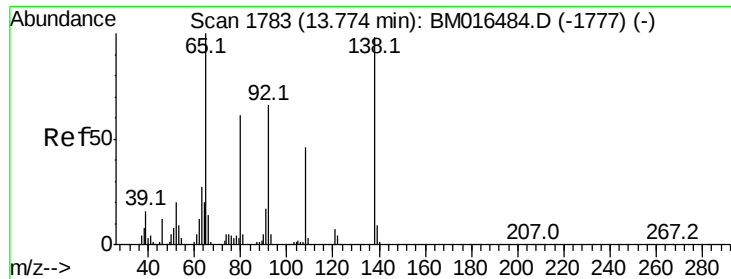


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

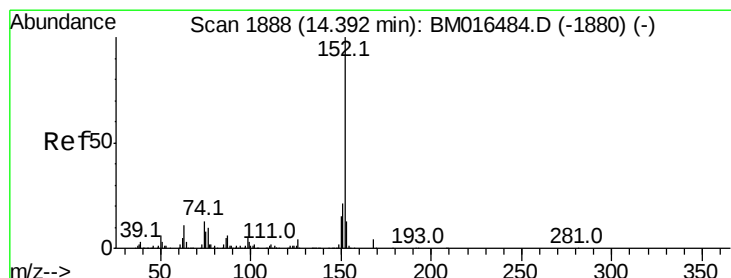
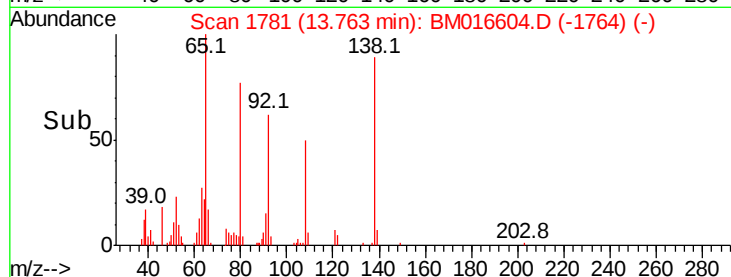
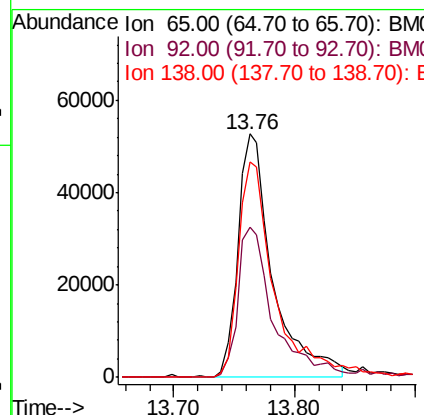
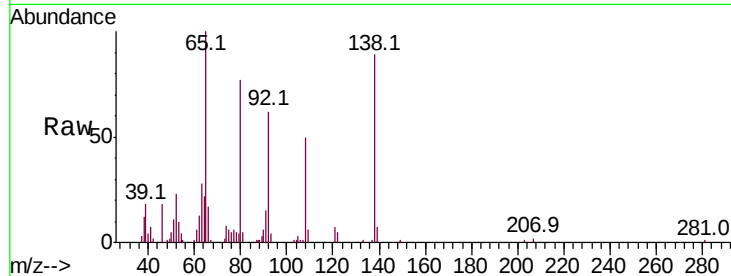




#47
2-Nitroaniline
Concen: 20.243 ng
RT: 13.76 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

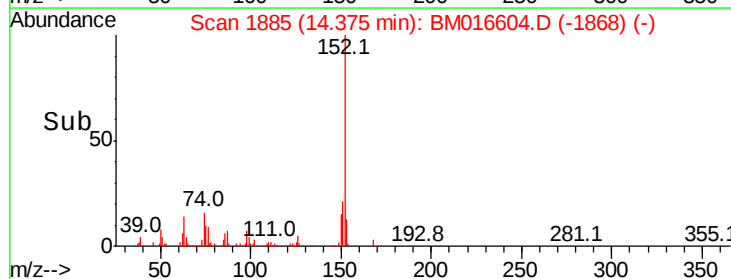
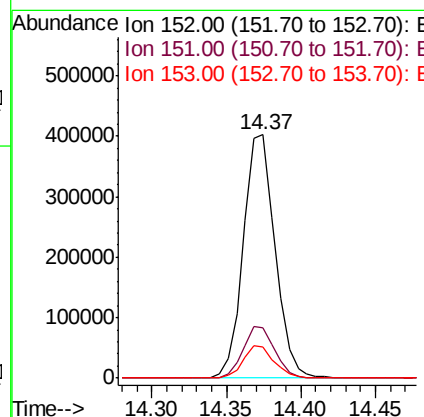
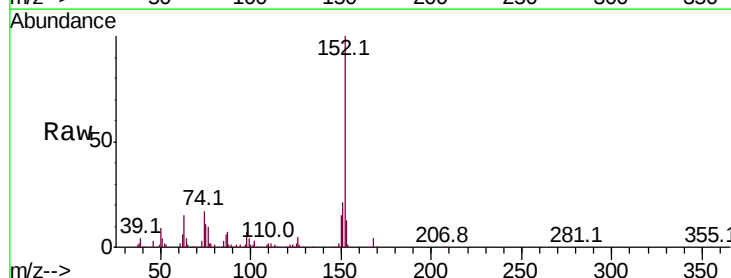
Instrument :
BNA_M
ClientSampleId :

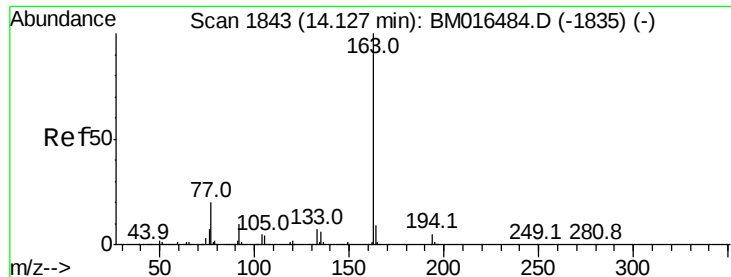
Tot Ion: 65 Resp: 106157
Ion Ratio Lower Upper
65 100
92 61.7 59.1 88.7
138 88.6 93.9 140.9#



#48
Acenaphthylene
Concen: 21.406 ng
RT: 14.37 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion: 152 Resp: 594908
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 12.9 10.6 16.0





#49

Dimethylphthalate

Concen: 31.689 ng

RT: 14.11 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

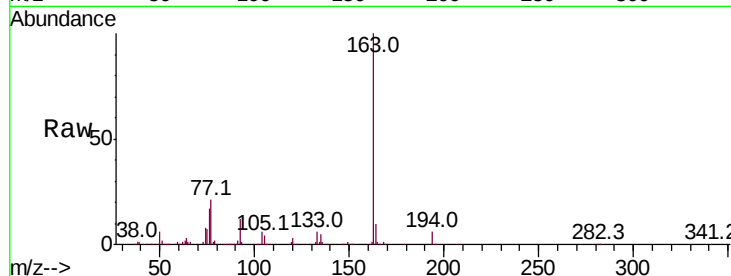
Tot Ion:163 Resp: 841435

Ion Ratio Lower Upper

163 100

194 5.9 2.7 4.1#

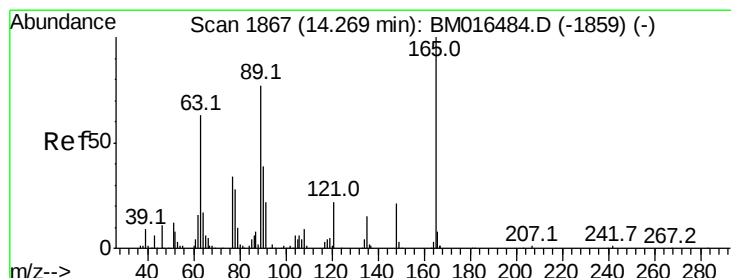
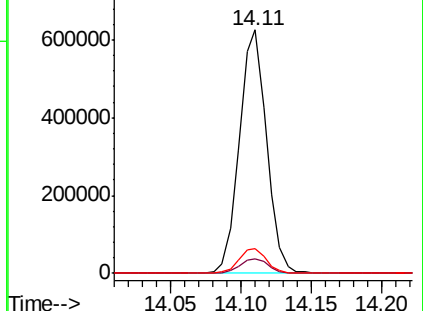
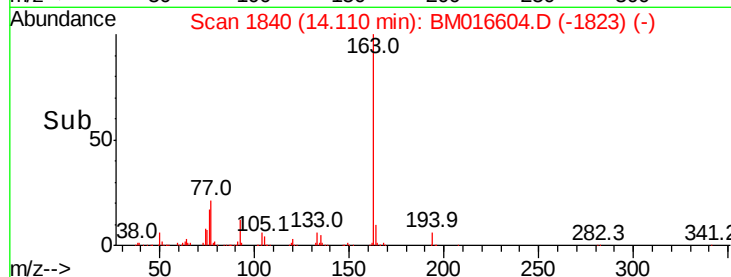
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 21.993 ng

RT: 14.25 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

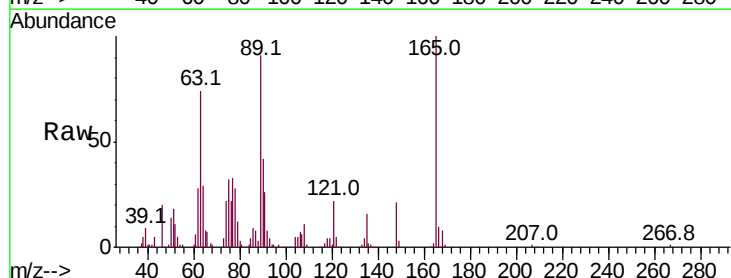
Tgt Ion:165 Resp: 113903

Ion Ratio Lower Upper

165 100

63 73.6 44.1 66.1#

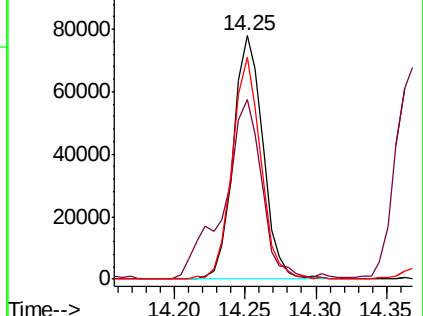
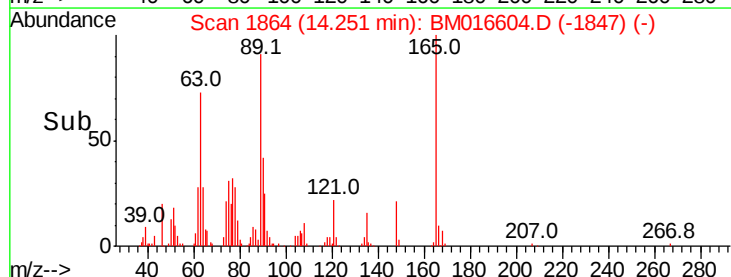
89 90.9 44.3 66.5#

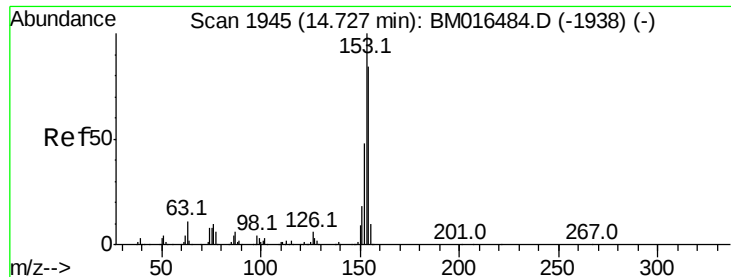


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 20.966 ng

RT: 14.71 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

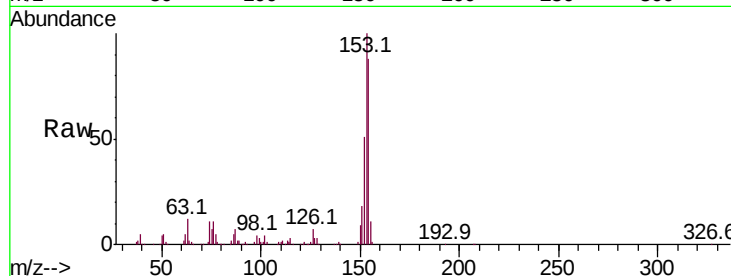
Tot Ion:154 Resp: 357980

Ion Ratio Lower Upper

154 100

153 114.2 90.0 135.0

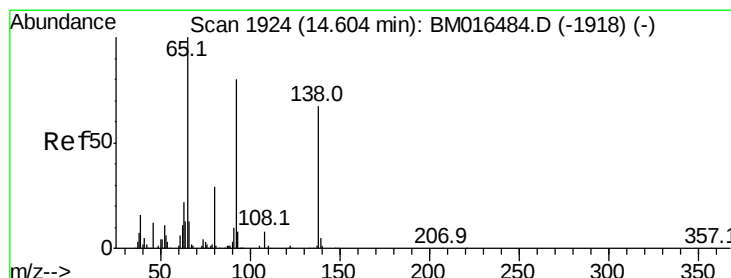
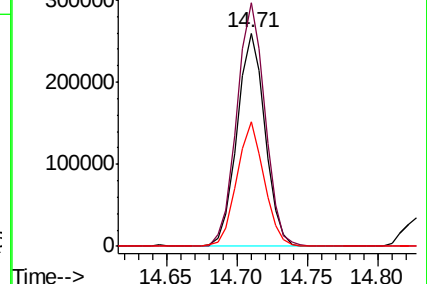
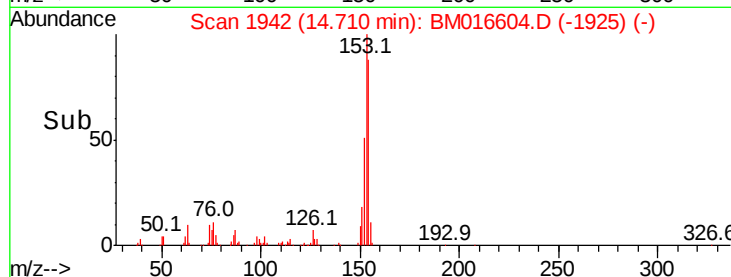
152 58.3 42.6 63.8



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: 12.778 ng

RT: 14.60 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

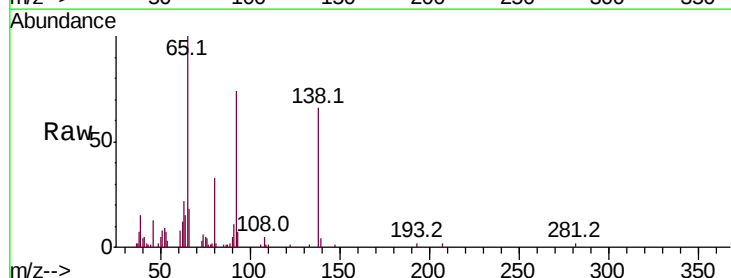
Tgt Ion:138 Resp: 60216

Ion Ratio Lower Upper

138 100

108 8.1 7.3 10.9

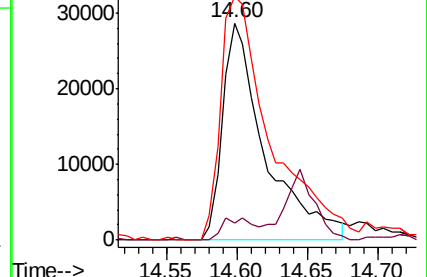
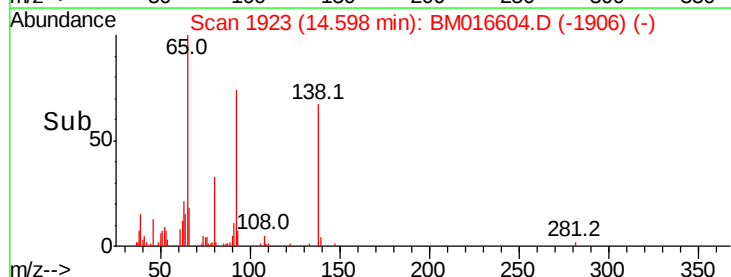
92 112.0 76.6 114.8

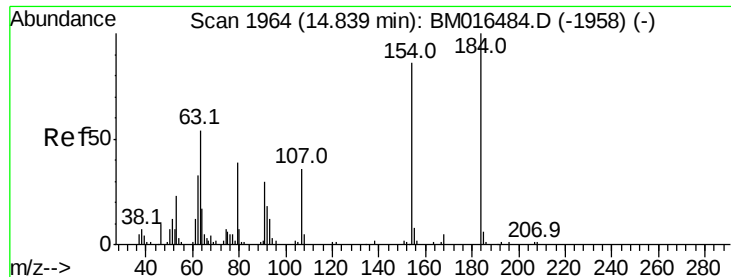


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

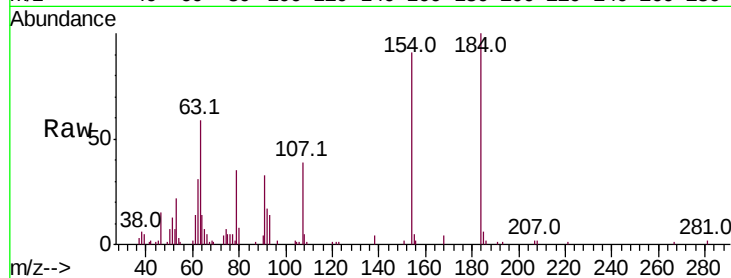




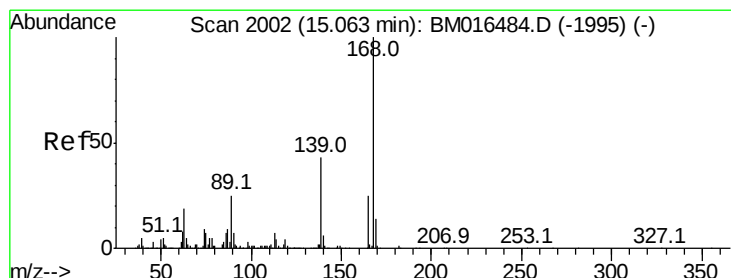
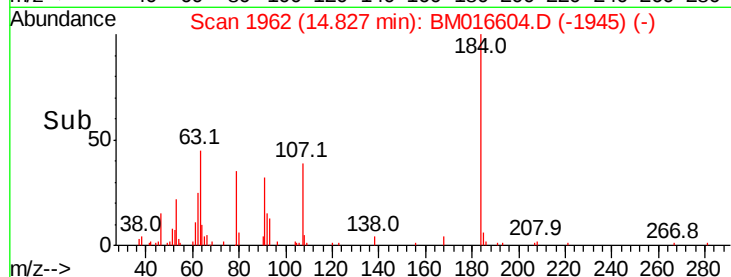
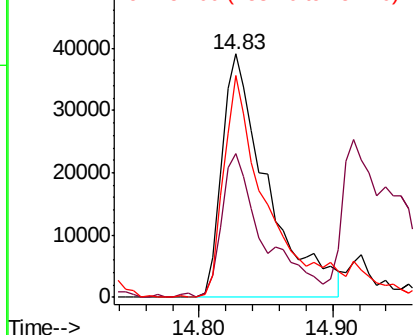
#53
2,4-Dinitrophenol
Concen: 35.934 ng
RT: 14.83 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 93134
Ion Ratio Lower Upper
184 100
63 58.8 69.2 103.8#
154 91.0 53.3 79.9#

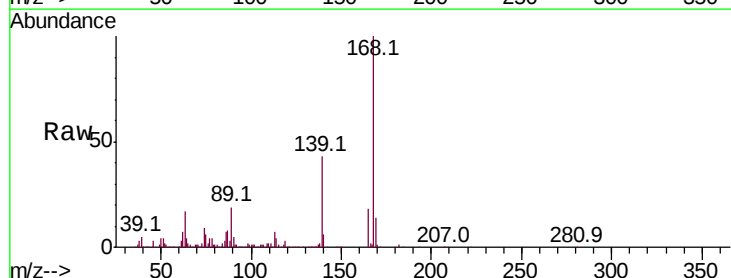


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

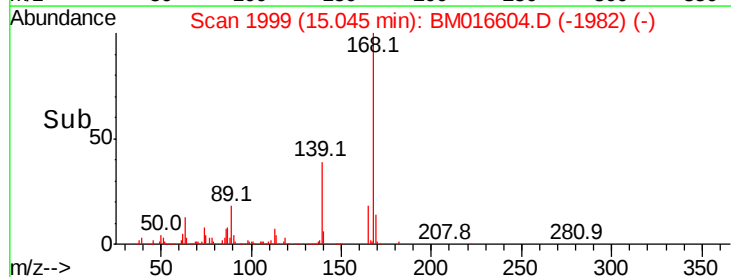
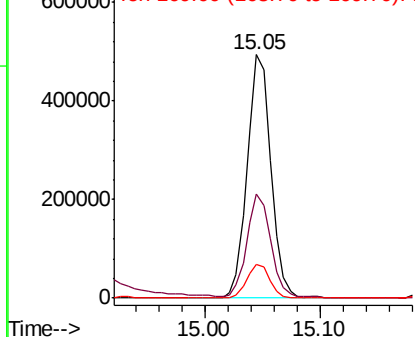


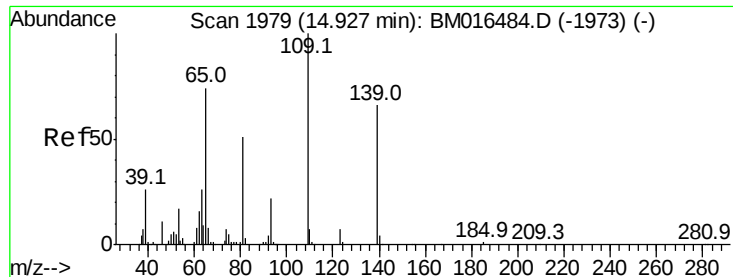
#54
Dibenzofuran
Concen: 21.652 ng
RT: 15.05 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion:168 Resp: 707705
Ion Ratio Lower Upper
168 100
139 42.5 27.3 40.9#
169 13.9 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

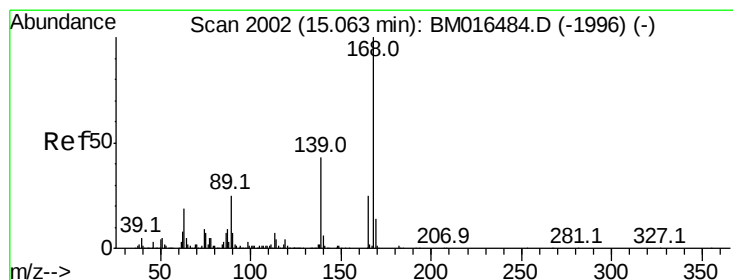
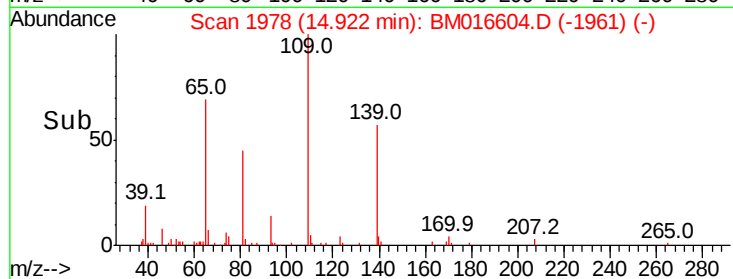
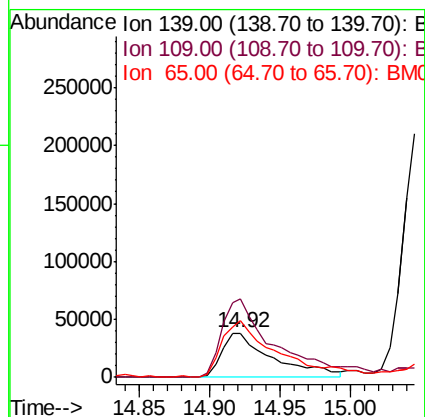
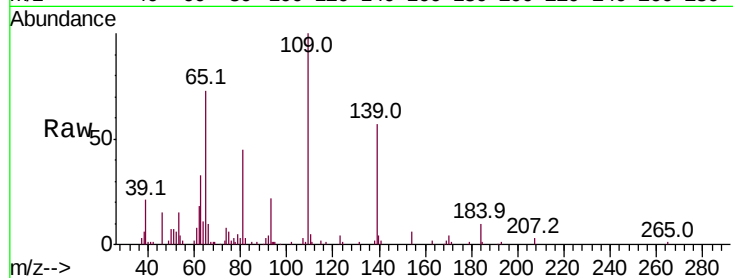




#55
4-Nitrophenol
Concen: 32.270 ng
RT: 14.92 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

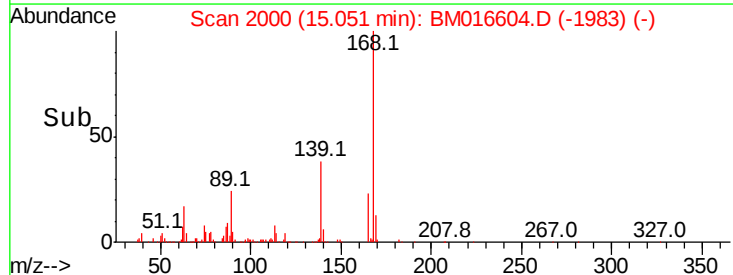
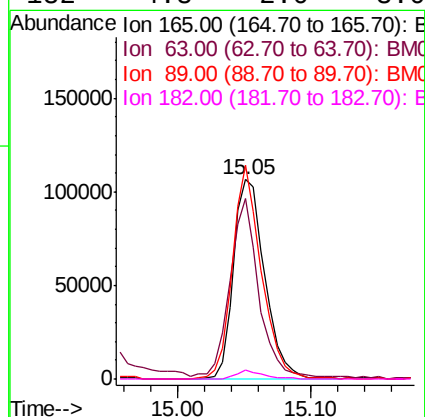
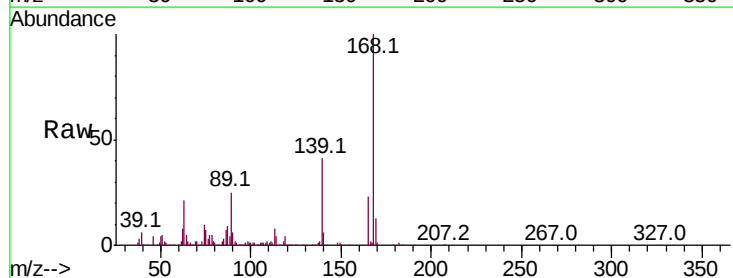
Instrument :
BNA_M
ClientSampled :

Tot Ion:139 Resp: 96994
Ion Ratio Lower Upper
139 100
109 176.5 130.0 170.0#
65 128.0 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 20.063 ng
RT: 15.05 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion:165 Resp: 173266
Ion Ratio Lower Upper
165 100
63 90.3 52.4 78.6#
89 107.0 72.4 108.6
182 4.8 2.0 3.0#

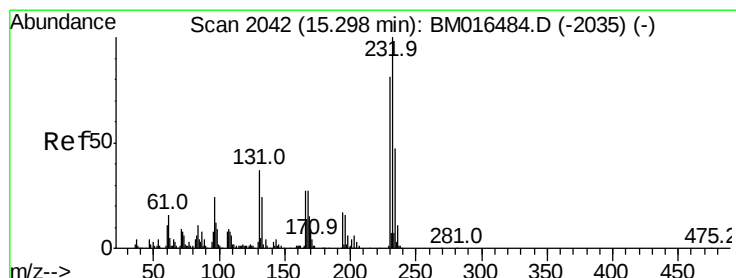
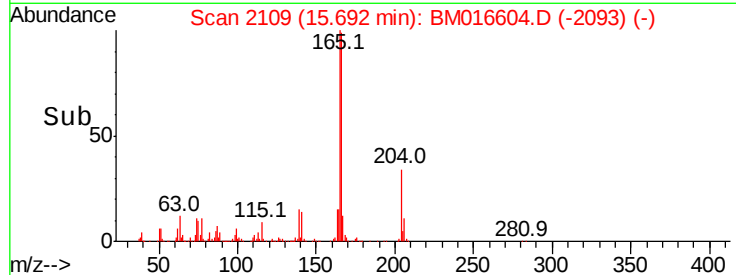
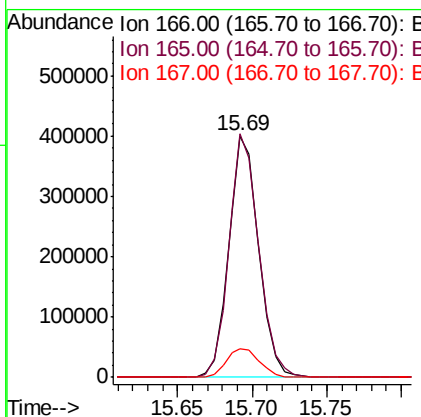
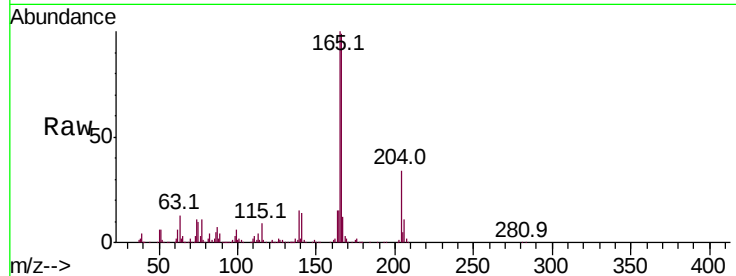




#57
 Fluorene
 Concen: 22.693 ng
 RT: 15.69 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

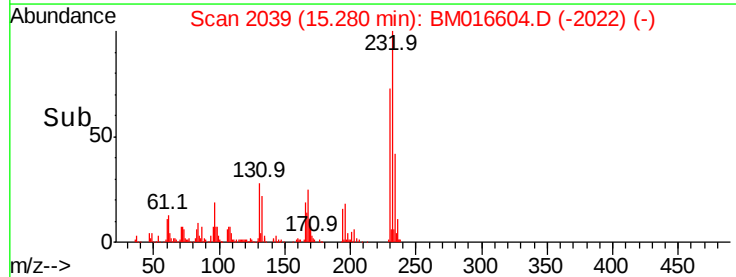
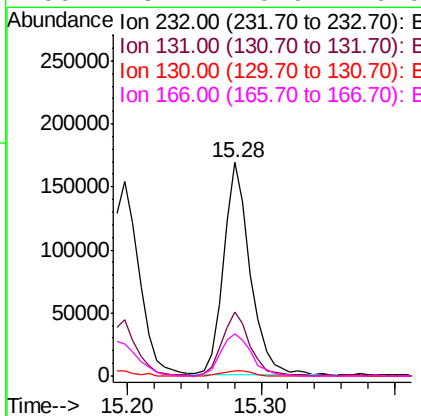
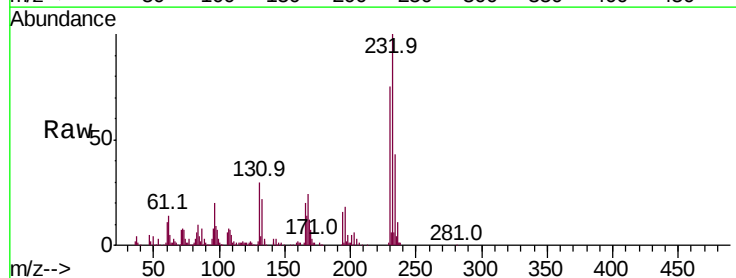
Instrument :
 BNA_M
 ClientSampleId :

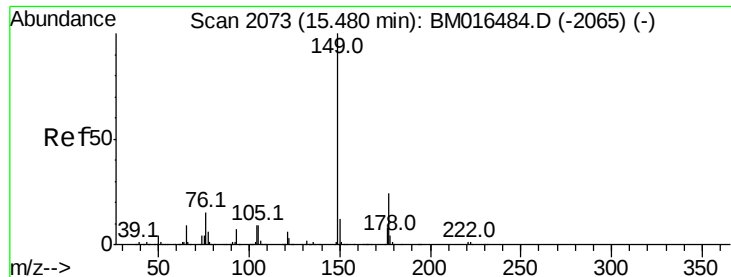
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.0	118.4
167	11.8	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 26.913 ng
 RT: 15.28 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	31.1	0.0	0.0#
130	2.8	0.0	0.0#
166	23.2	0.0	0.0#





#59

Diethylphthalate

Concen: 20.815 ng

RT: 15.46 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampled :

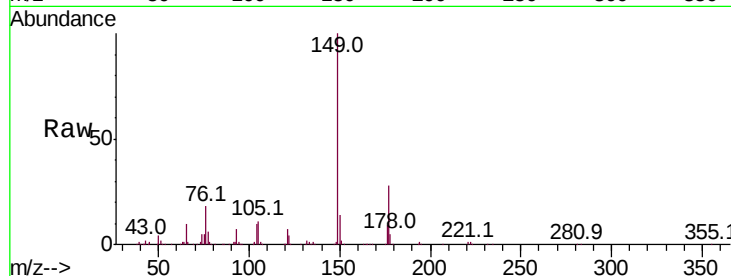
Tot Ion:149 Resp: 576282

Ion Ratio Lower Upper

149 100

177 28.0 18.3 27.5#

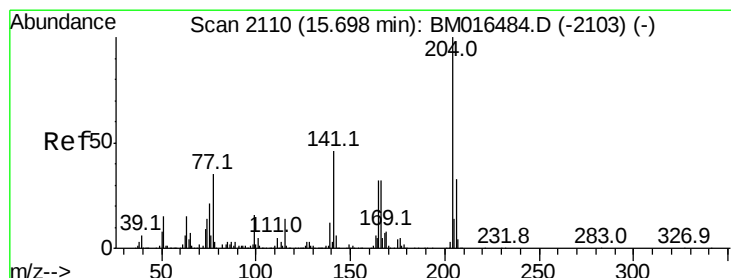
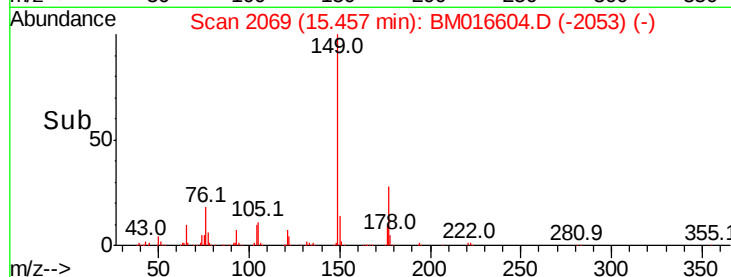
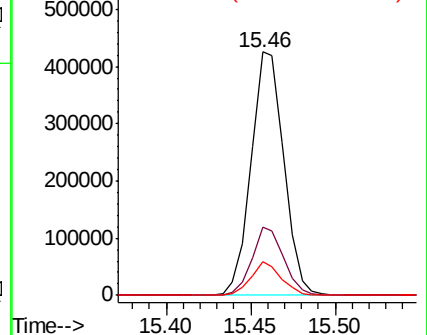
150 13.7 9.8 14.8



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: 24.089 ng

RT: 15.68 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

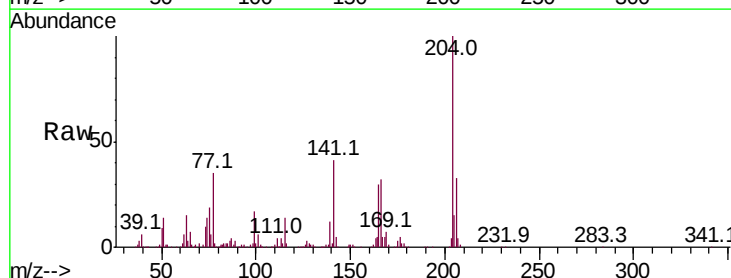
Tgt Ion:204 Resp: 498796

Ion Ratio Lower Upper

204 100

206 32.6 26.6 39.8

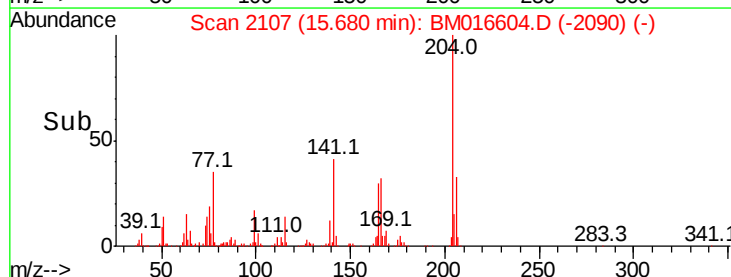
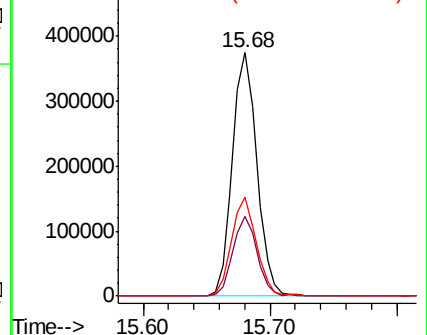
141 40.8 45.2 67.8#

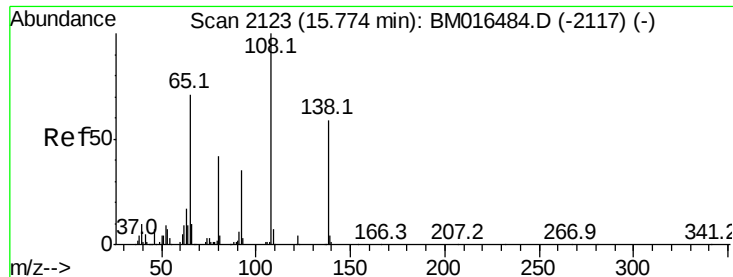


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

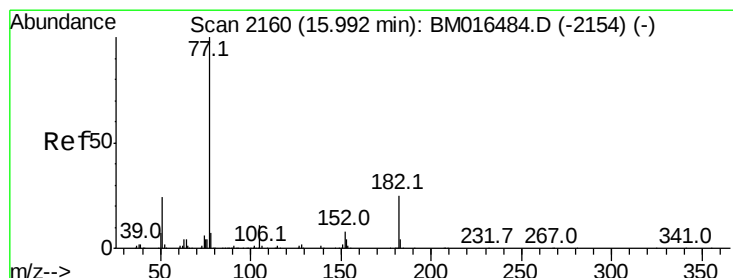
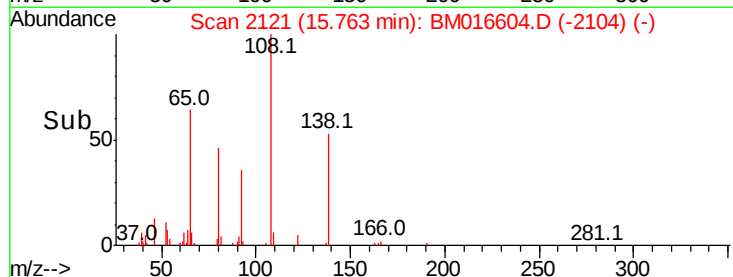
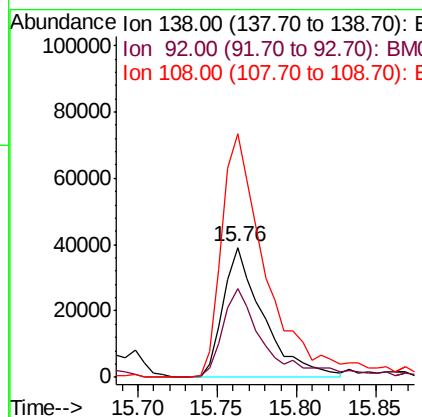
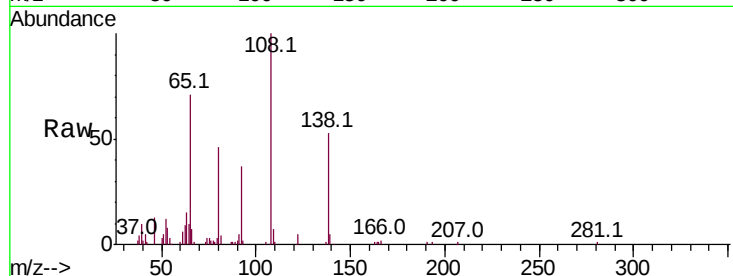




#61
4-Nitroaniline
Concen: 14.952 ng
RT: 15.76 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

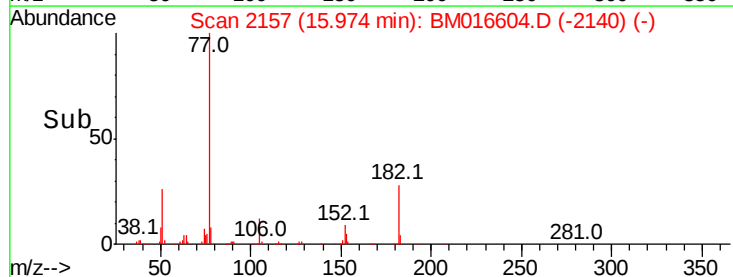
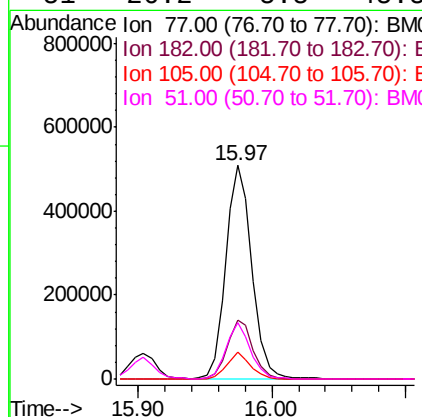
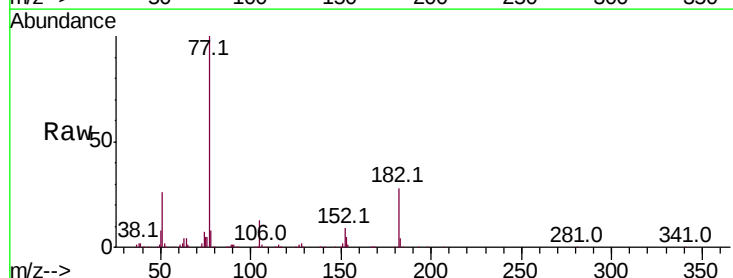
Instrument :
BNA_M
ClientSampleId :

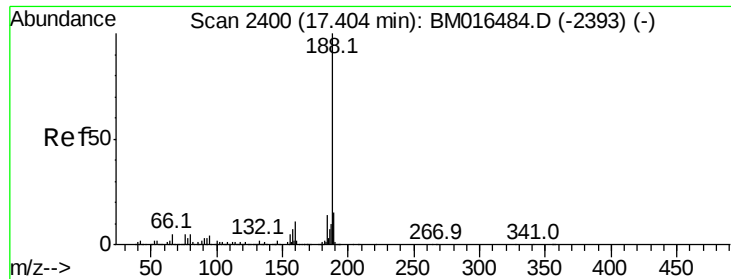
Tot Ion:138 Resp: 68861
Ion Ratio Lower Upper
138 100
92 68.6 16.7 56.7#
108 187.3 37.6 77.6#



#62
Azobenzene
Concen: 23.385 ng
RT: 15.97 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion: 77 Resp: 689584
Ion Ratio Lower Upper
77 100
182 27.8 6.5 46.5
105 12.6 3.8 43.8
51 26.2 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: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

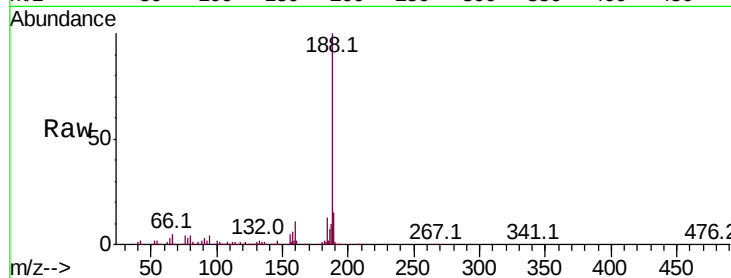
Tot Ion:188 Resp: 887541

Ion Ratio Lower Upper

188 100

94 3.7 8.7 13.1#

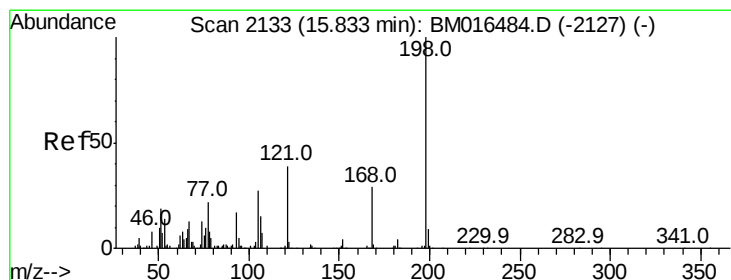
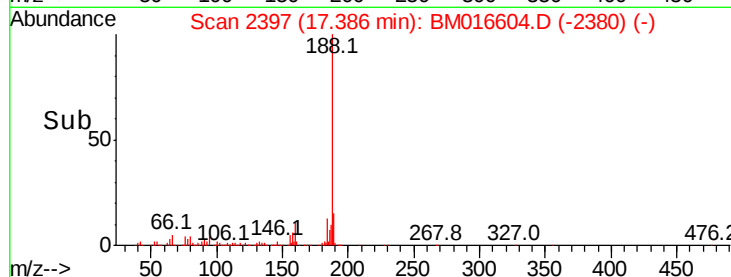
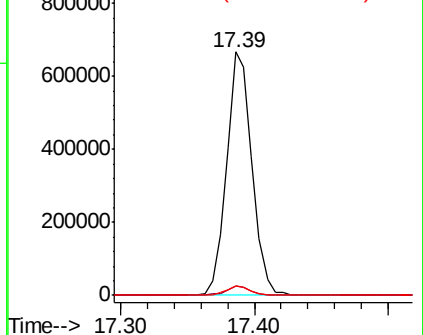
80 4.1 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#64

4,6-Dinitro-2-methylphenol

Concen: 18.314 ng

RT: 15.82 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

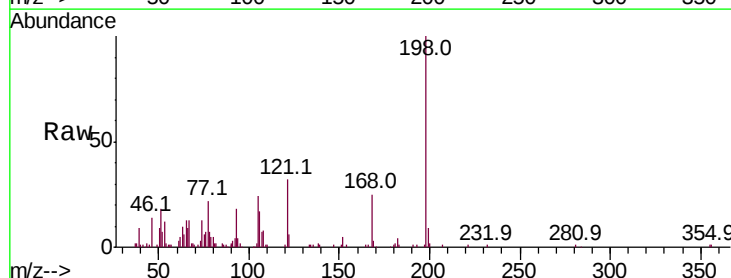
Tgt Ion:198 Resp: 123508

Ion Ratio Lower Upper

198 100

51 17.6 28.8 68.8#

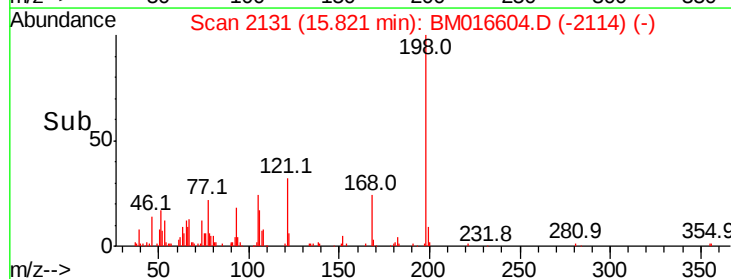
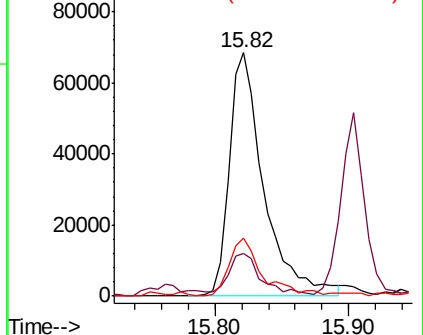
105 23.8 30.5 70.5#

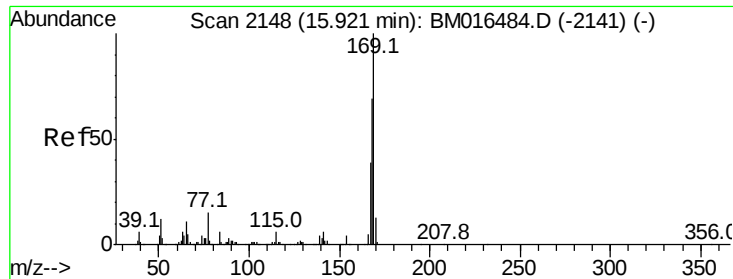


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

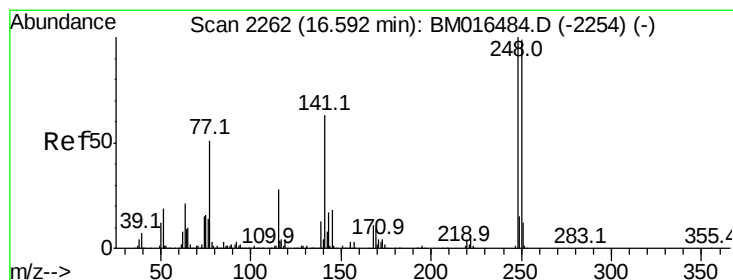
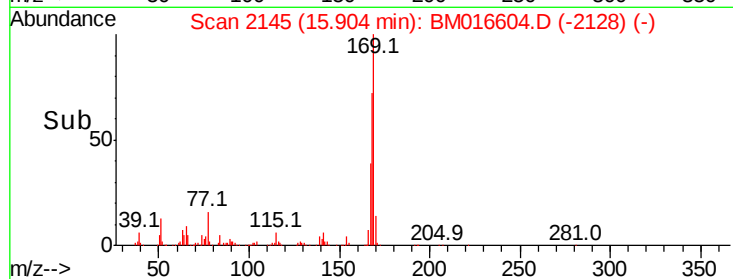
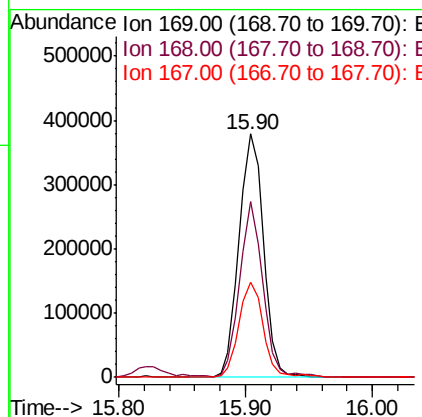
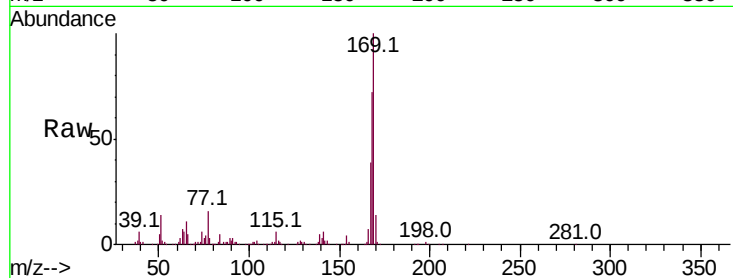




#65
 n-Nitrosodiphenylamine
 Concen: 20.147 ng
 RT: 15.90 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

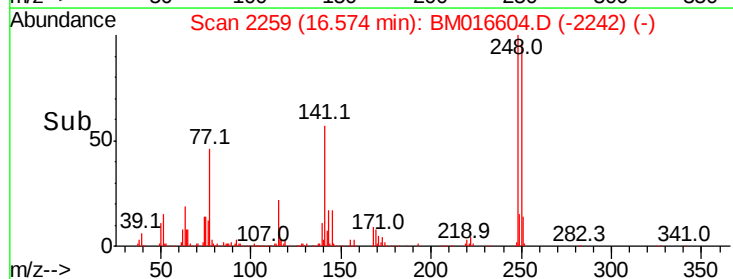
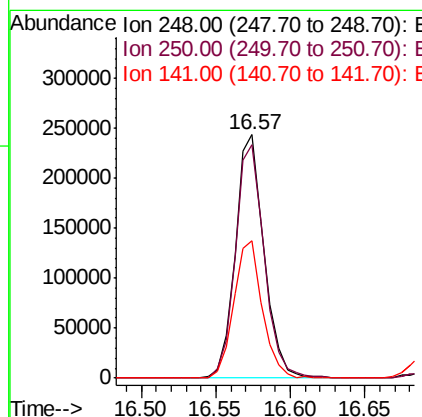
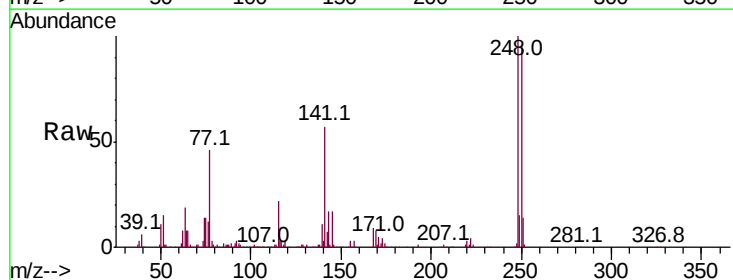
Instrument :
 BNA_M
 ClientSampleId :

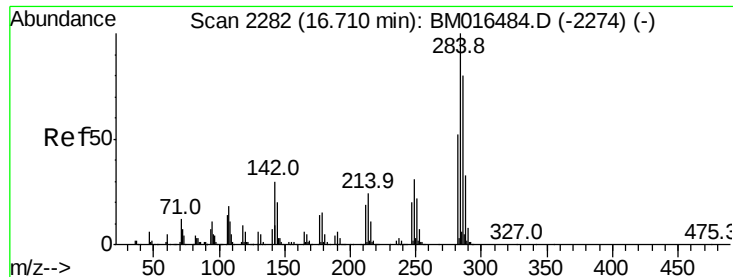
Tot Ion	Ratio	Lower	Upper
169	100		
168	72.2	53.9	80.9
167	39.0	28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 23.920 ng
 RT: 16.57 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.4	116.0
141	56.5	45.2	67.8

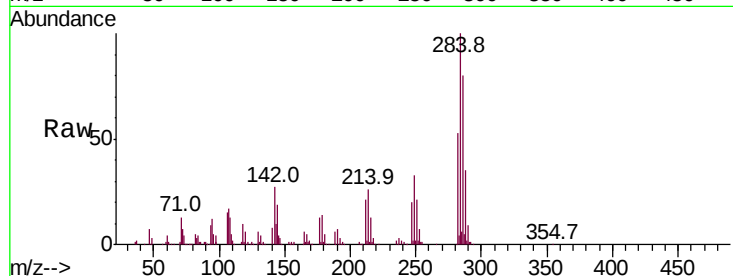




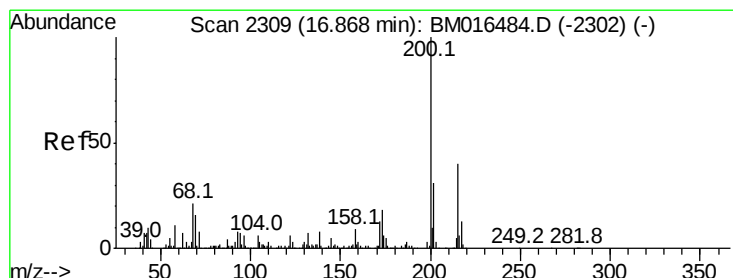
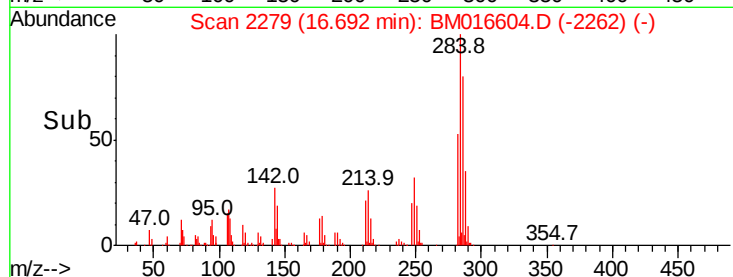
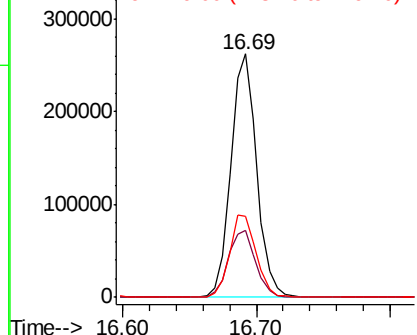
#67
Hexachlorobenzene
Concen: 22.296 ng
RT: 16.69 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.4	20.4	30.6
249	33.2	23.8	35.6

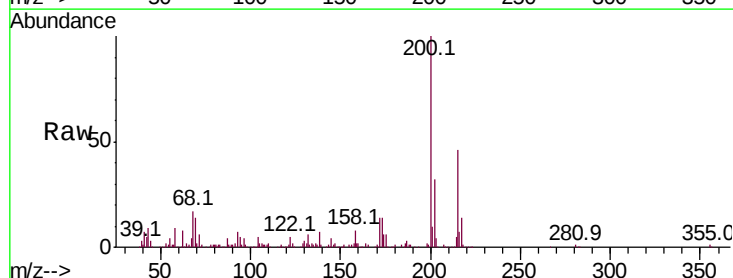


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

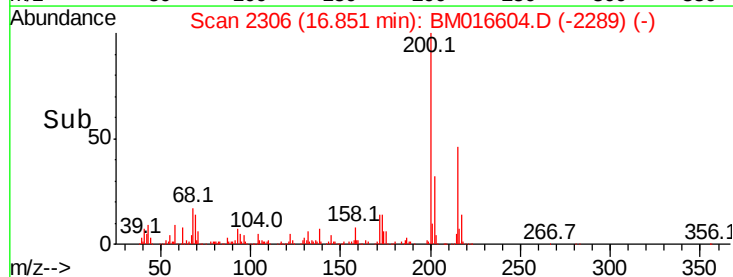
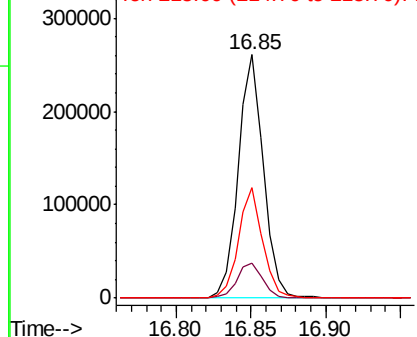


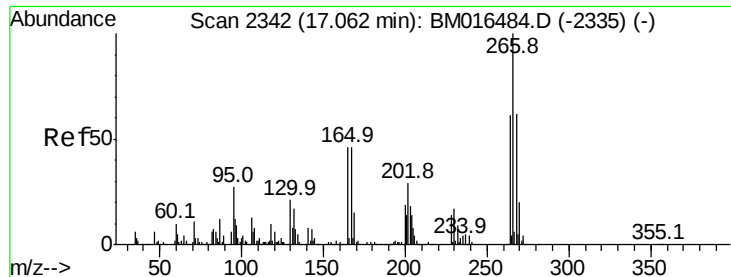
#68
Atrazine
Concen: 26.993 ng
RT: 16.85 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	14.5	4.8	44.8
215	45.6	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

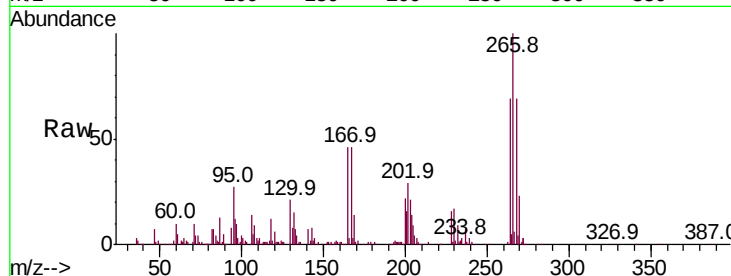




#69
 Pentachlorophenol
 Concen: 36.477 ng
 RT: 17.04 min Scan# 2339
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	69.4	52.0	78.0
264	69.1	49.0	73.4

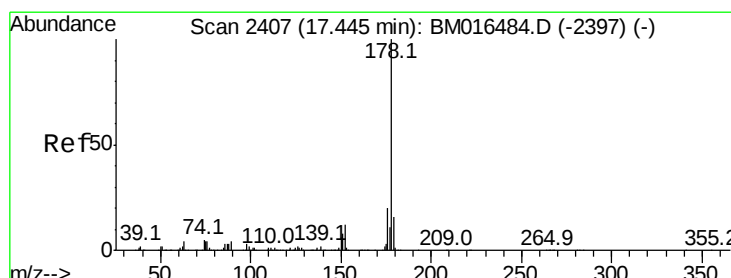
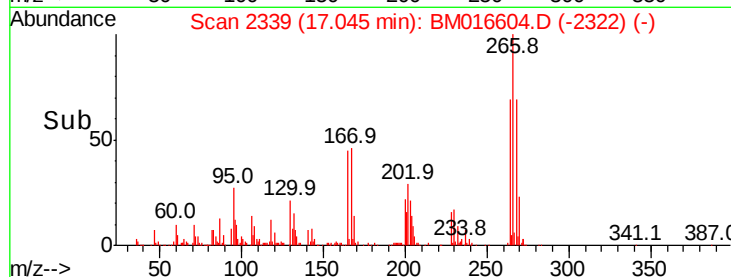
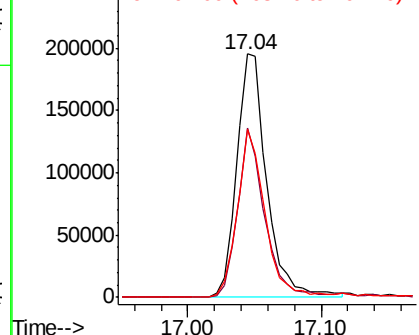


Abundance

Ion 265.70 (265.40 to 266.40): E

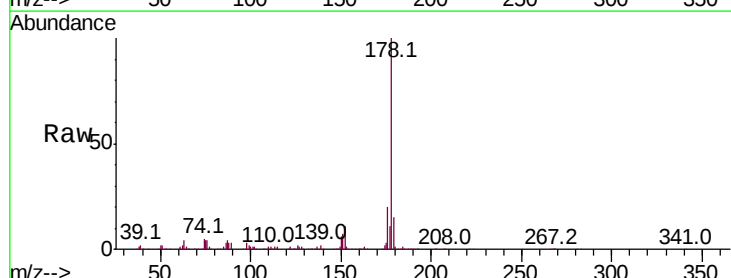
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 22.108 ng
 RT: 17.43 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.2	22.8
179	15.0	12.1	18.1

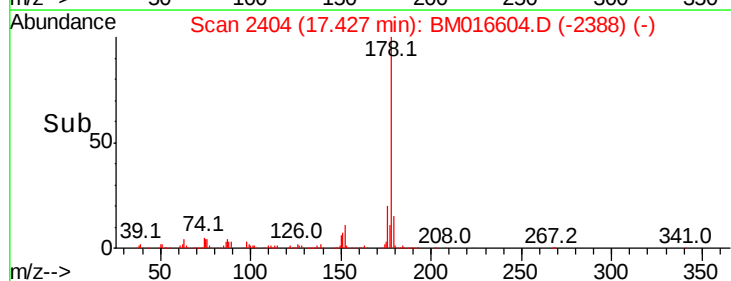
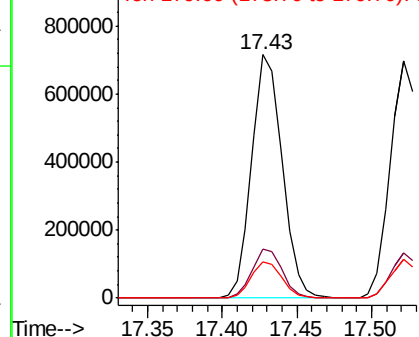


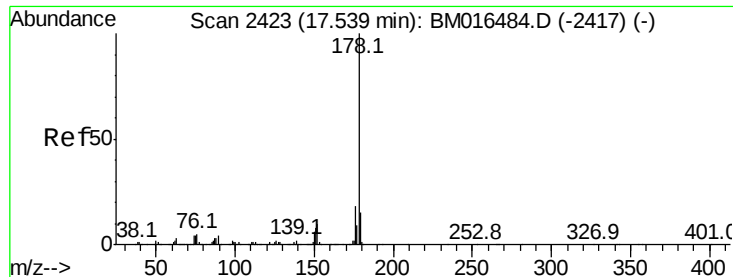
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



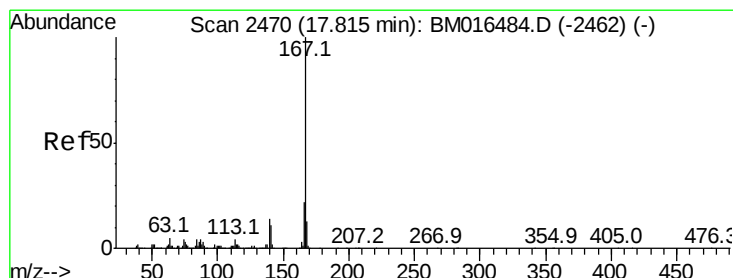
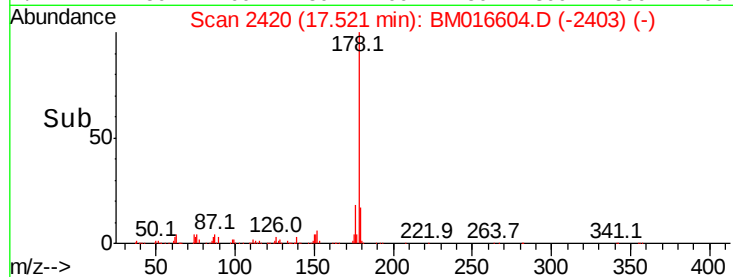
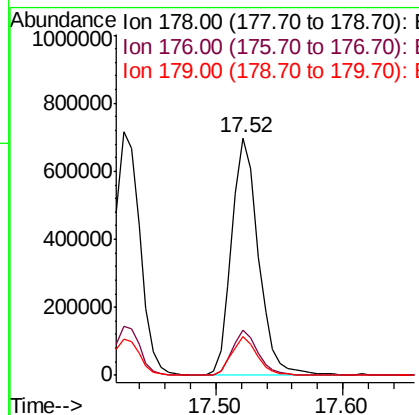
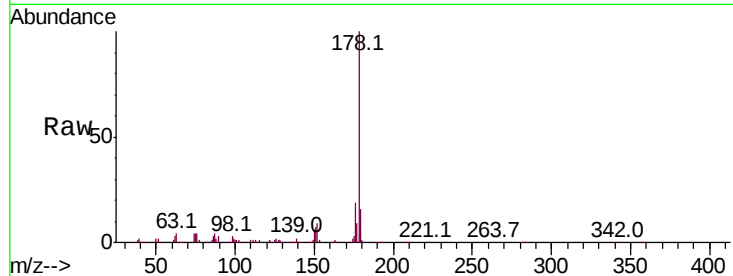


#71
 Anthracene
 Concen: 22.190 ng
 RT: 17.52 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:178 Resp: 1010813

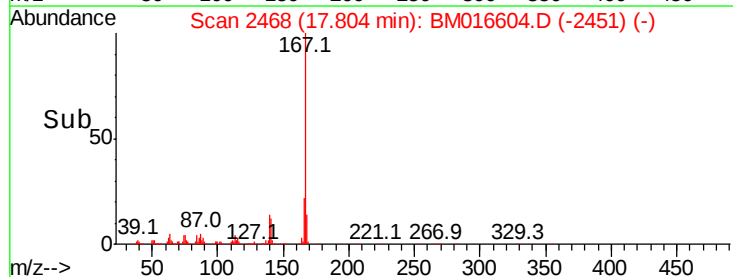
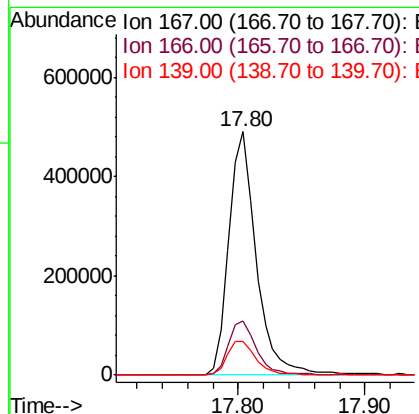
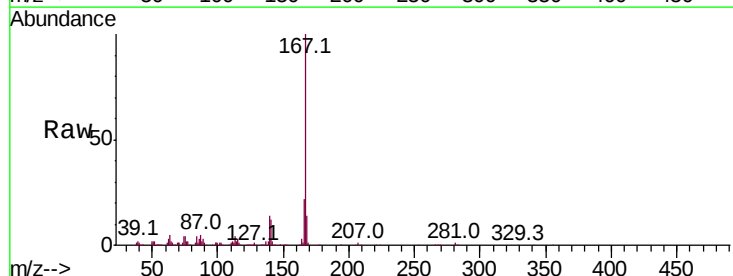
Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	16.2	12.6	19.0

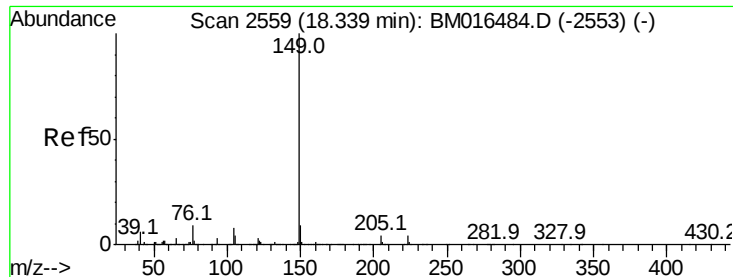


#72
 Carbazole
 Concen: 18.044 ng
 RT: 17.80 min Scan# 2468
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion:167 Resp: 738653

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	14.0	10.8	16.2

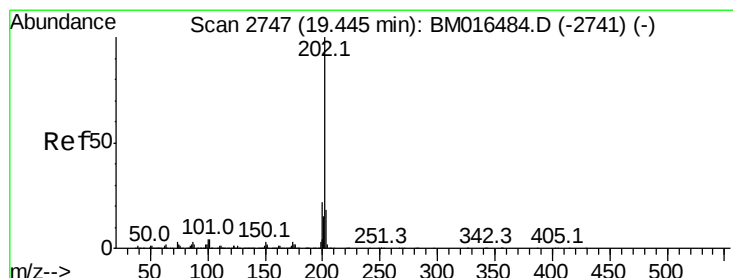
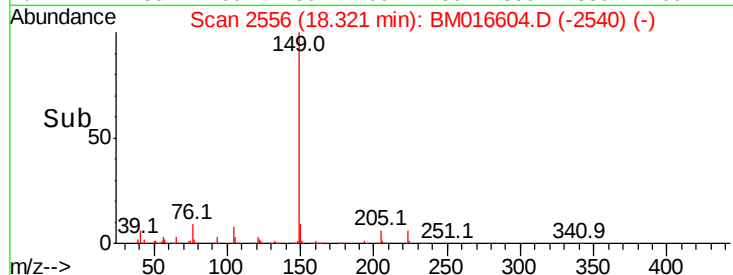
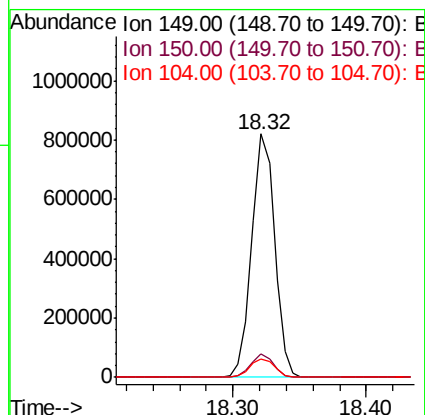
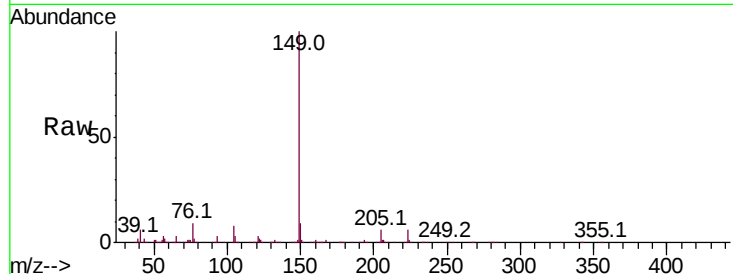




#73
Di-n-butylphthalate
Concen: 19.418 ng
RT: 18.32 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

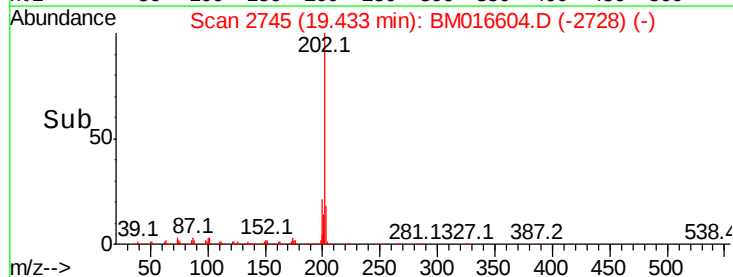
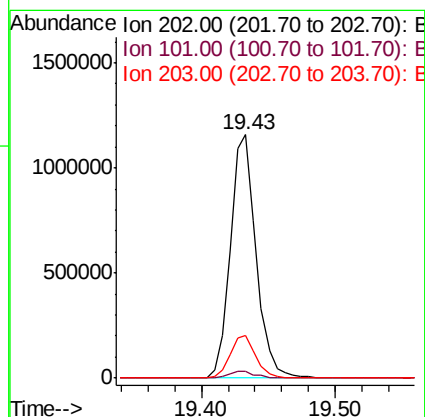
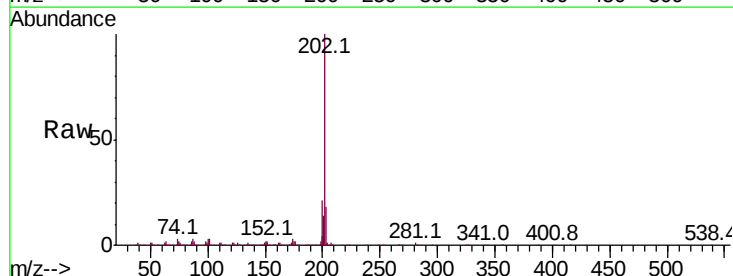
Instrument :
BNA_M
ClientSampleId :

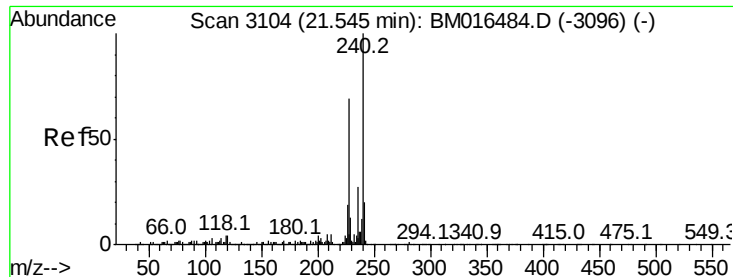
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	7.7	3.7	5.5



#74
Fluoranthene
Concen: 23.230 ng
RT: 19.43 min Scan# 2745
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.0	0.0	28.7
203	17.7	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

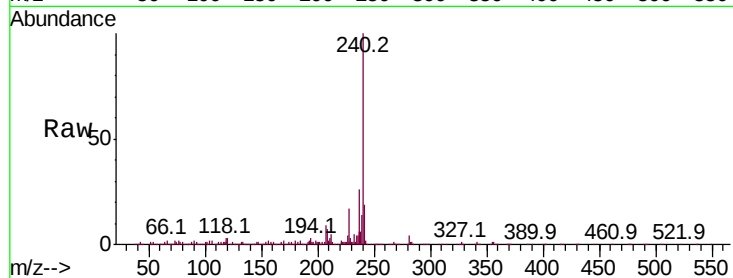
Instrument :

BNA_M

ClientSampled :

Tot Ion:240 Resp: 1225367

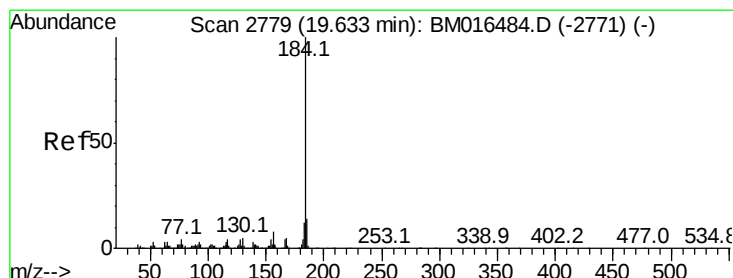
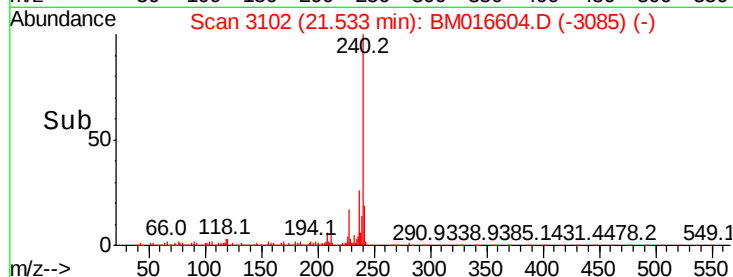
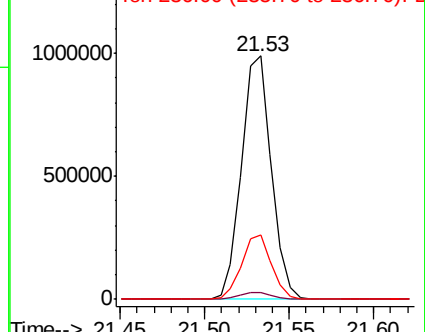
Ion	Ratio	Lower	Upper
240	100		
120	2.6	8.2	12.2#
236	26.2	20.0	30.0



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: 17.240 ng

RT: 19.63 min Scan# 2778

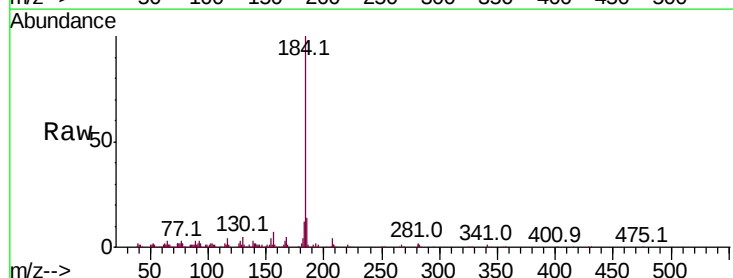
Delta R.T. 0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion:184 Resp: 406262

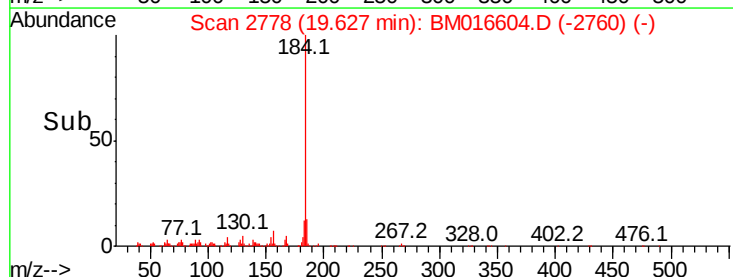
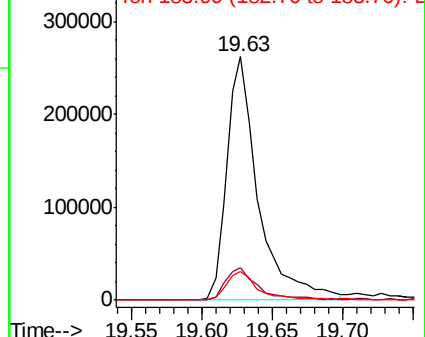
Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.3	16.9
183	11.8	8.9	13.3

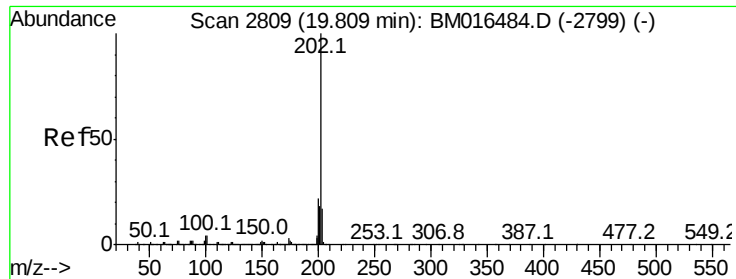


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 23.792 ng

RT: 19.79 min Scan# 2806

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

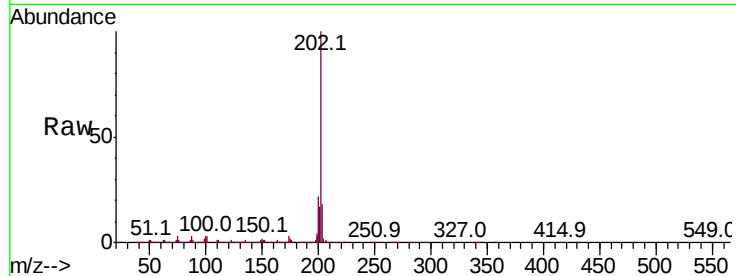
Tot Ion:202 Resp: 1584385

Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

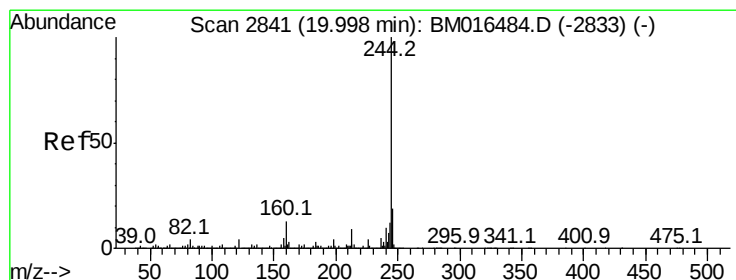
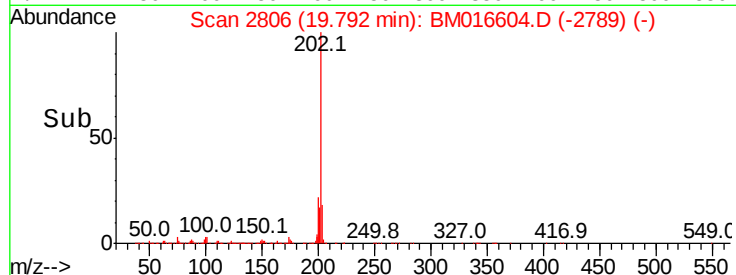
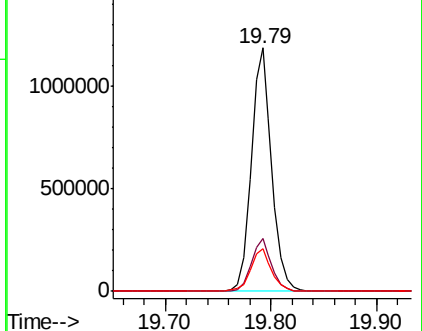
203 17.6 14.1 21.1



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: 64.756 ng

RT: 19.97 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

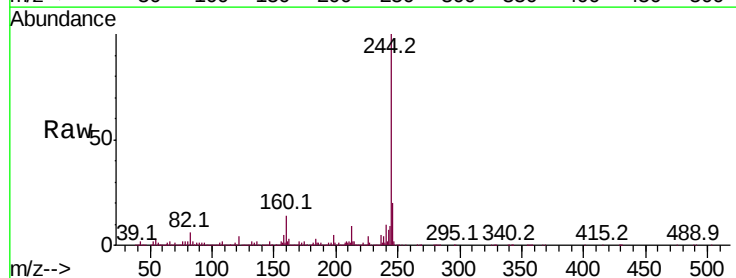
Tgt Ion:244 Resp: 3748992

Ion Ratio Lower Upper

244 100

212 9.4 4.9 7.3#

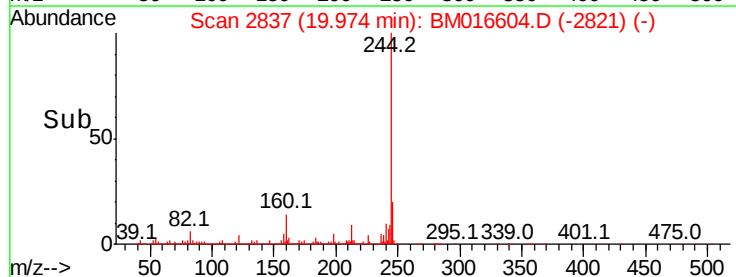
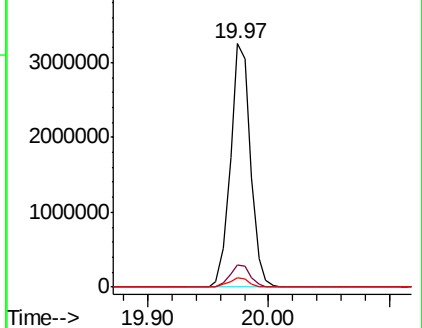
122 4.0 6.2 9.4#

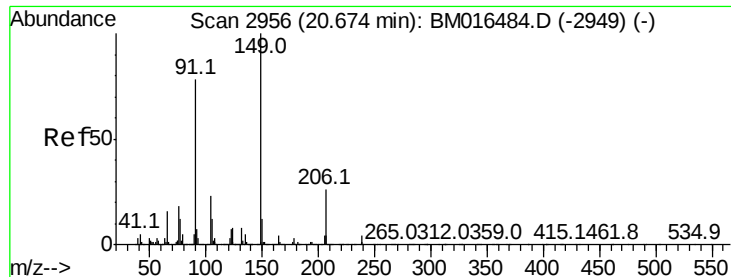


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

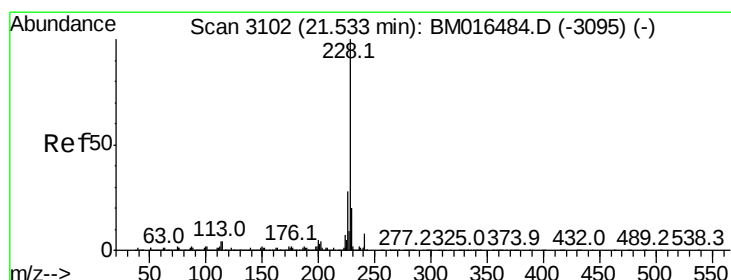
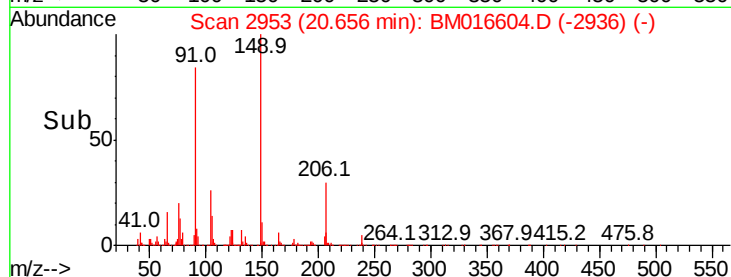
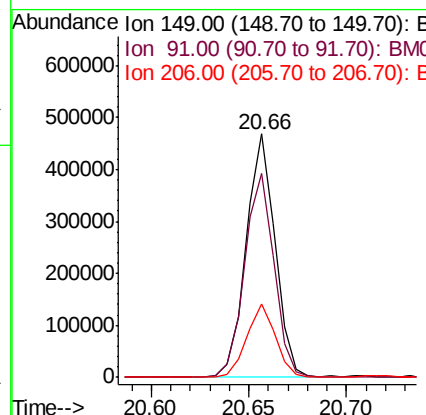
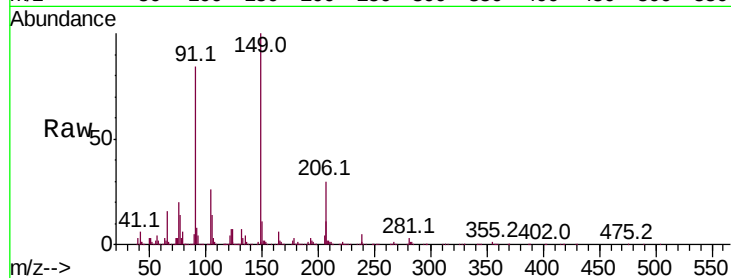




#79
Butylbenzylphthalate
Concen: 20.835 ng
RT: 20.66 min Scan# 2953
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

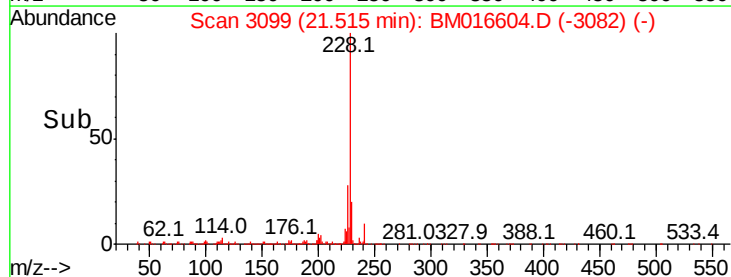
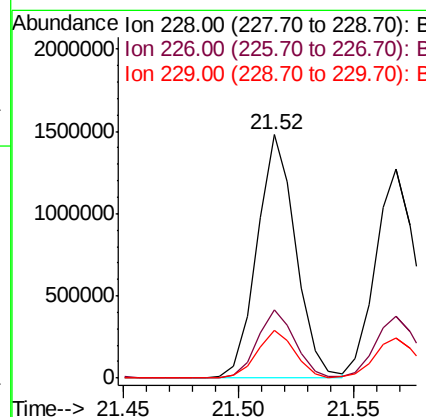
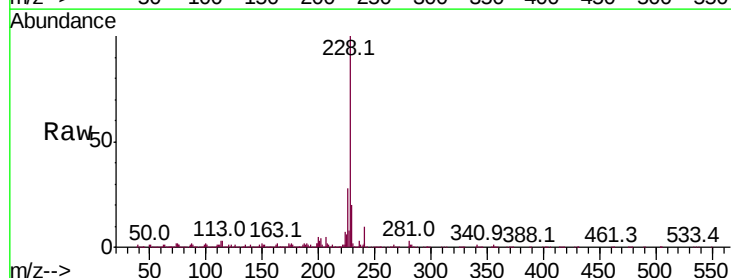
Instrument :
BNA_M
ClientSampleId :

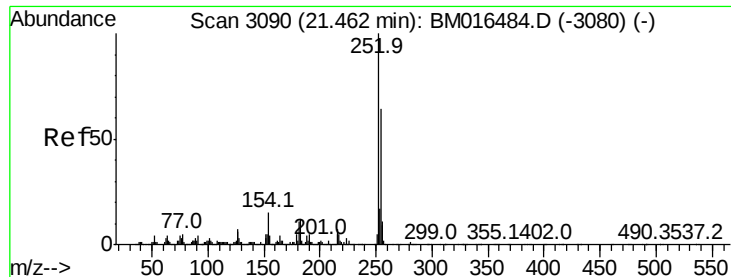
Tot Ion	Ratio	Lower	Upper
149	100		
91	83.6	50.1	75.1#
206	30.1	16.2	24.2#



#80
Benzo(a)anthracene
Concen: 23.942 ng
RT: 21.52 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.7	32.5
229	19.9	16.0	24.0

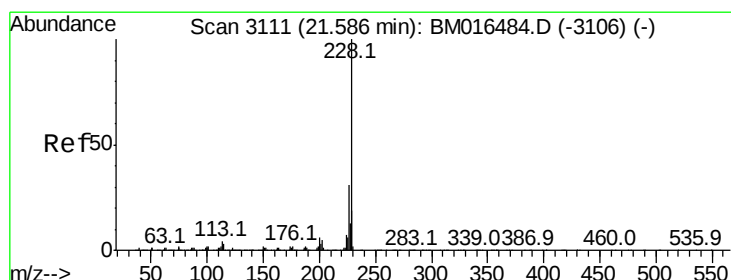
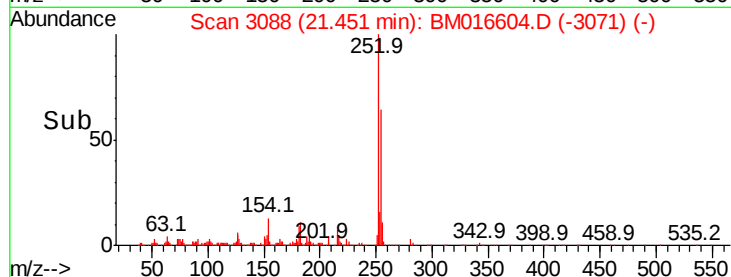
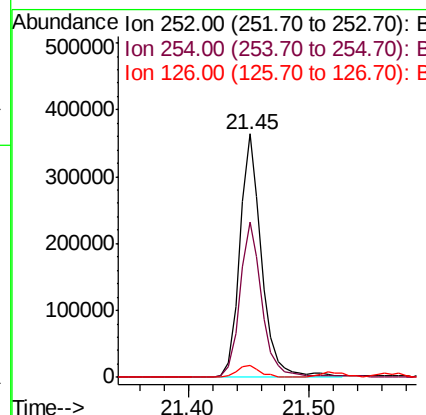
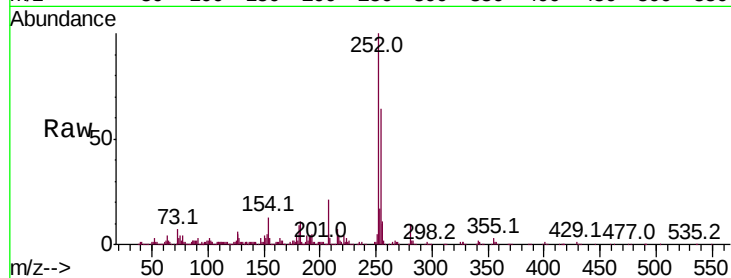




#81
 3,3'-Dichlorobenzidine
 Concen: 14.216 ng
 RT: 21.45 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

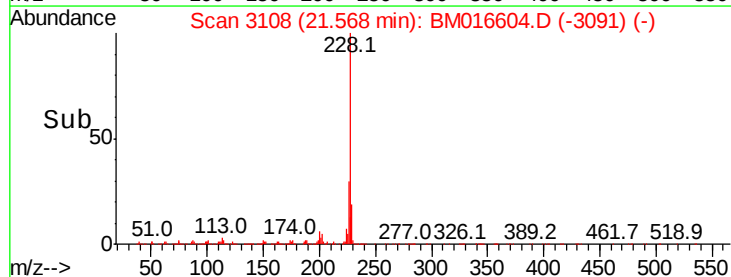
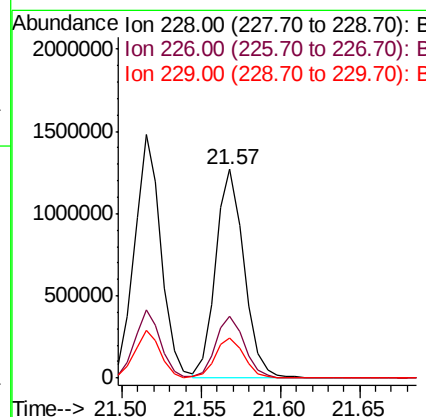
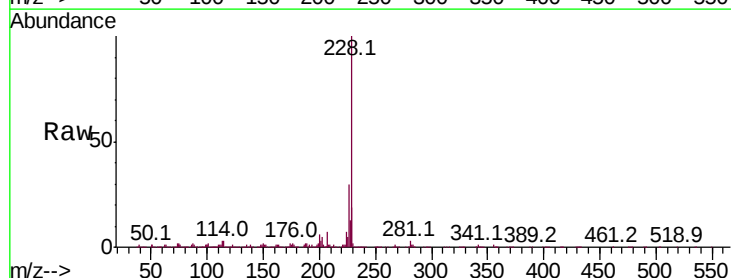
Instrument :
 BNA_M
 ClientSampleId :

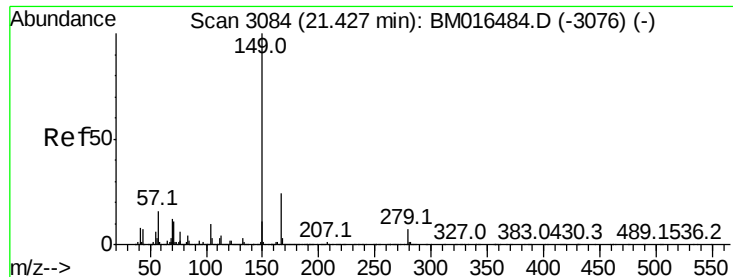
Tot Ion:252 Resp: 455877
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.9 77.9
 126 5.1 9.8 14.8#



#82
 Chrysene
 Concen: 22.933 ng
 RT: 21.57 min Scan# 3108
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion:228 Resp: 1576363
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.1 36.1
 229 19.2 15.5 23.3

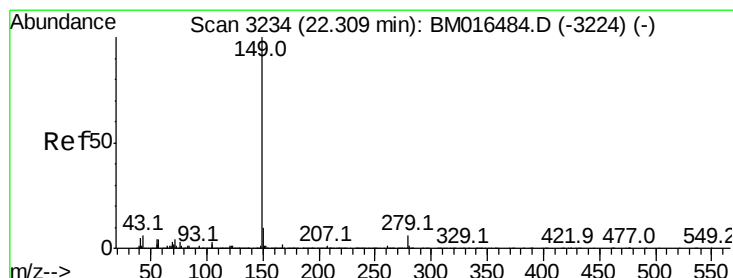
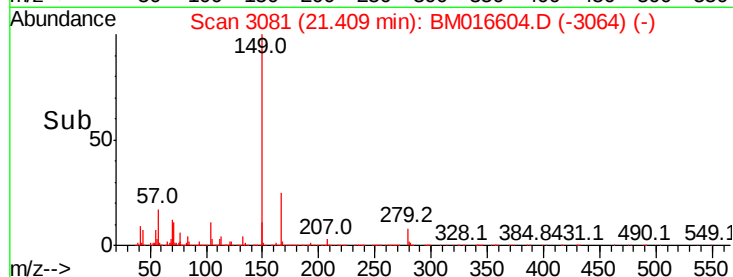
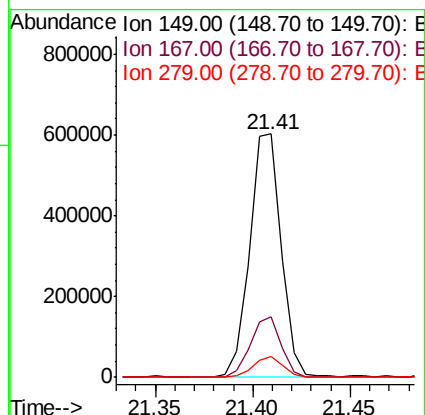
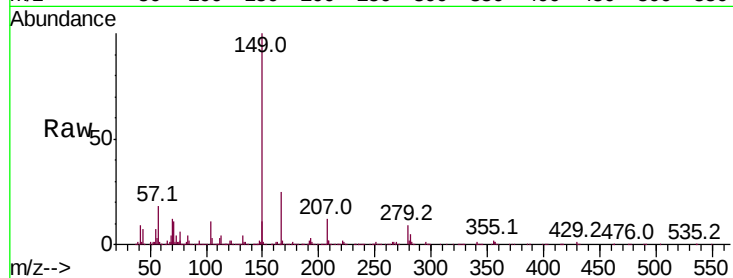




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 19.525 ng
 RT: 21.41 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

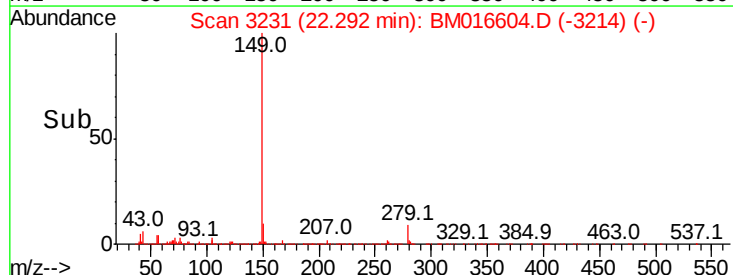
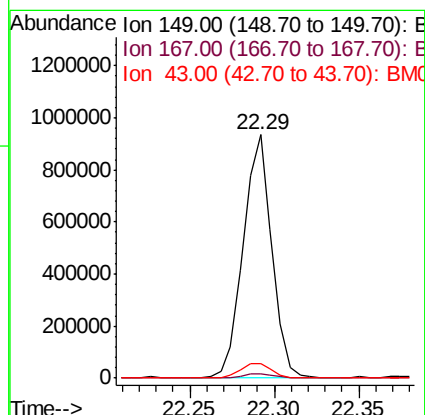
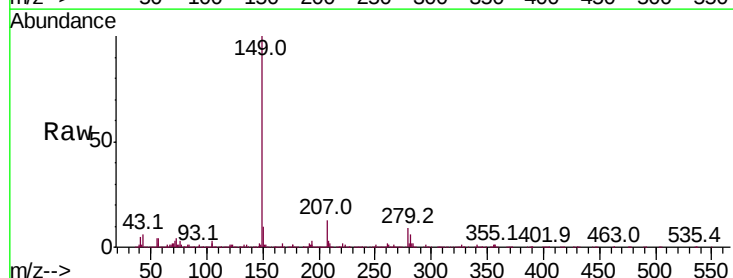
Instrument :
 BNA_M
 ClientSampleId :

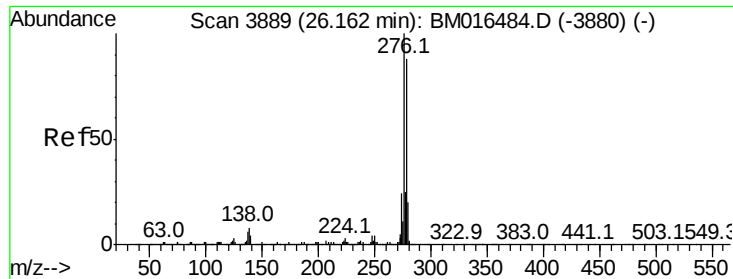
Tot Ion:149 Resp: 667226
 Ion Ratio Lower Upper
 149 100
 167 24.9 22.4 33.6
 279 8.5 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 19.207 ng
 RT: 22.29 min Scan# 3231
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion:149 Resp: 1090704
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 6.7 7.3 10.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 21.338 ng

RT: 26.13 min Scan# 3883

Delta R.T. -0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampled :

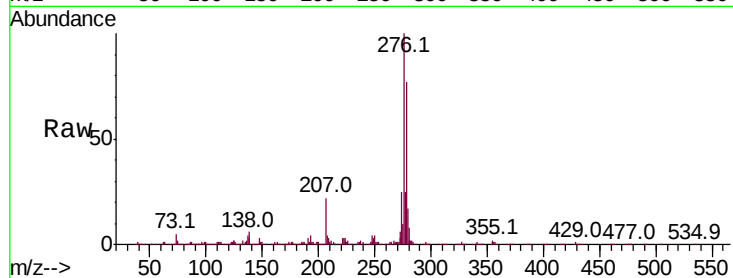
Tot Ion:276 Resp: 2109330

Ion Ratio Lower Upper

276 100

138 5.9 12.0 18.0#

277 25.2 20.0 30.0

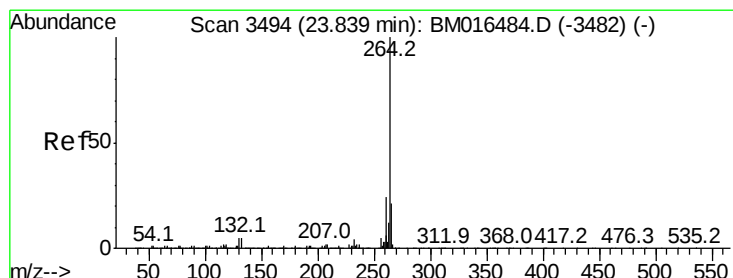
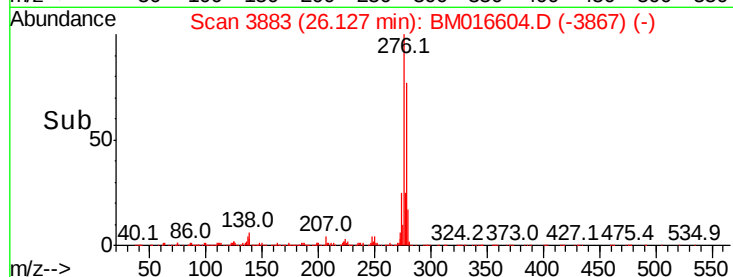
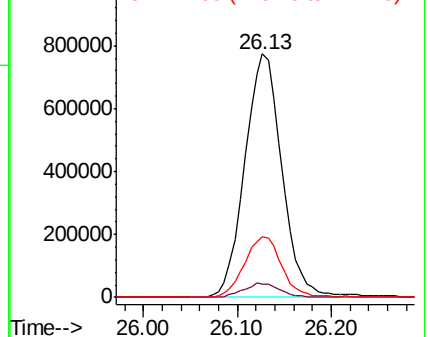


Abundance

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: 23.82 min Scan# 3490

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

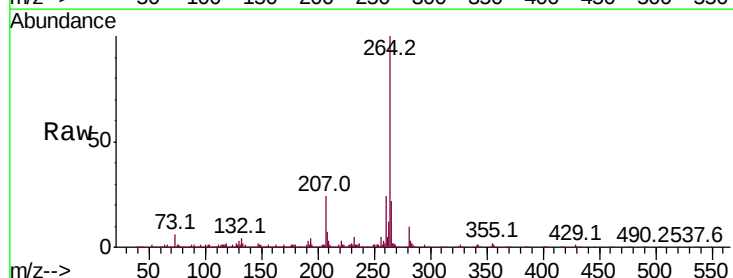
Tgt Ion:264 Resp: 1297157

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.8 17.3 25.9

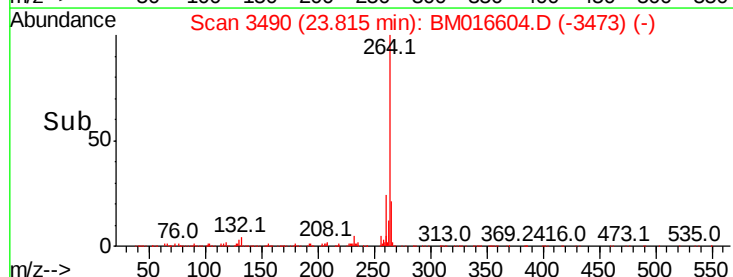
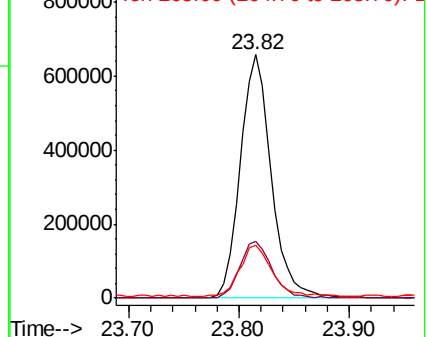


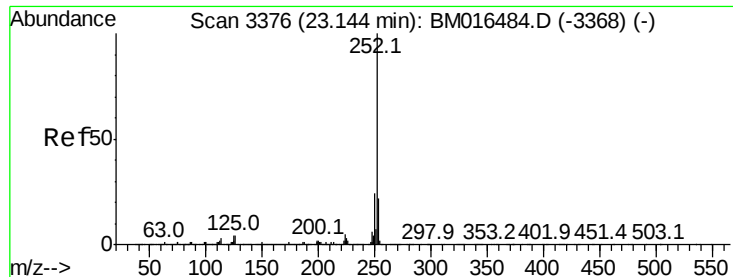
Abundance

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: 25.204 ng

RT: 23.13 min Scan# 3373

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

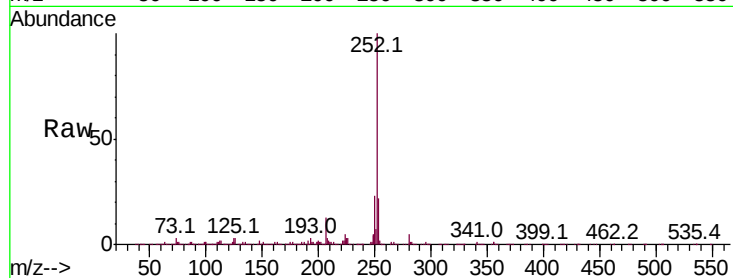
Tot Ion:252 Resp: 1884643

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

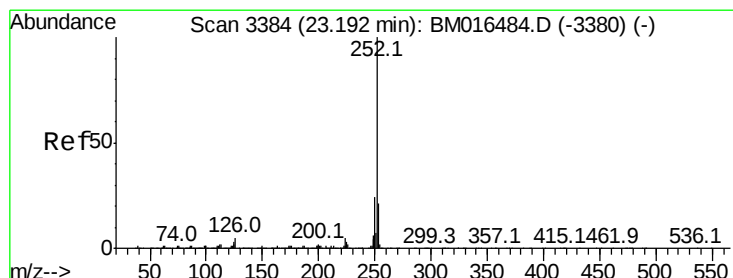
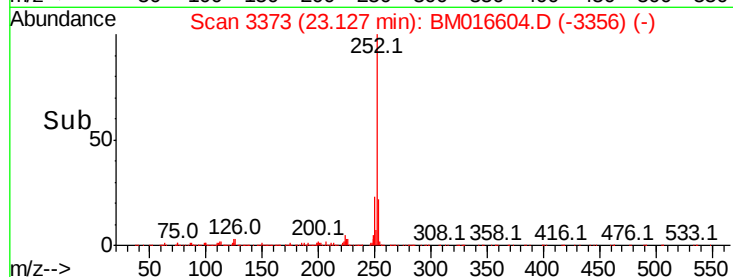
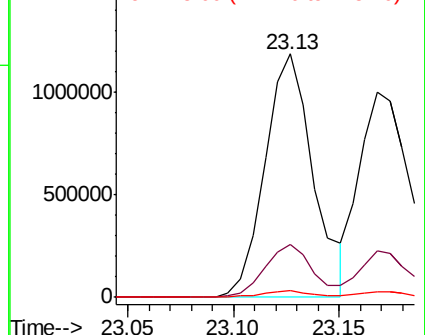
125 2.7 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 22.659 ng

RT: 23.17 min Scan# 3380

Delta R.T. -0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

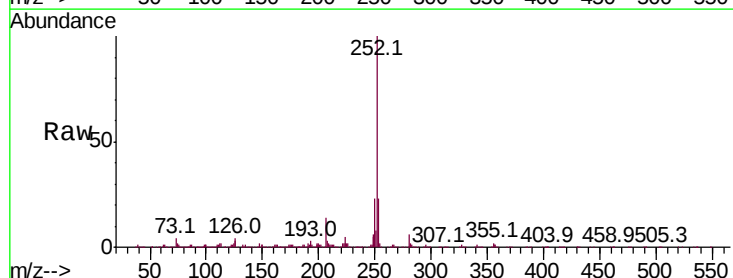
Tgt Ion:252 Resp: 1723920

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

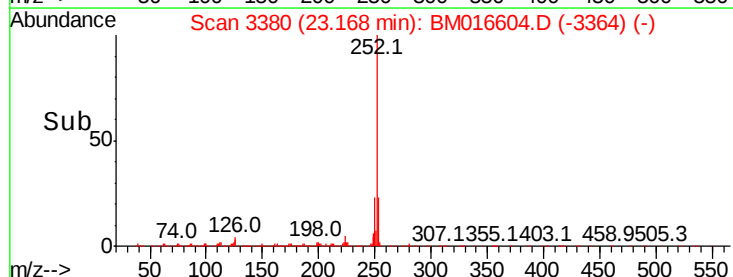
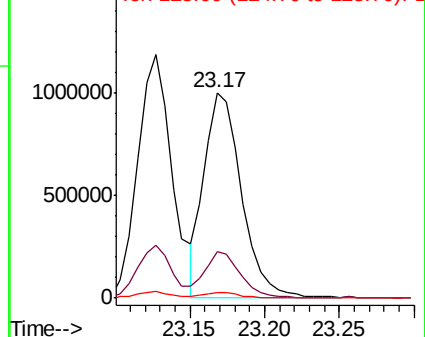
125 2.7 8.1 12.1#

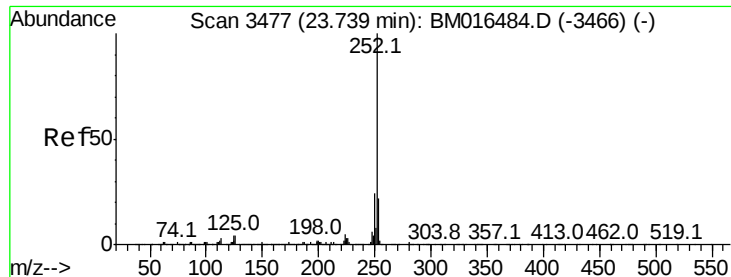


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 24.013 ng

RT: 23.72 min Scan# 3473

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

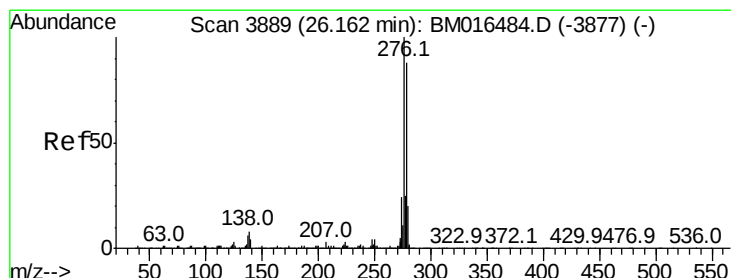
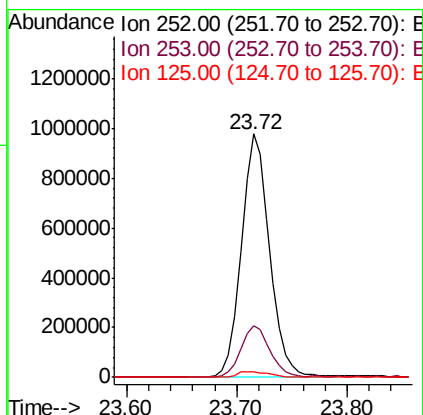
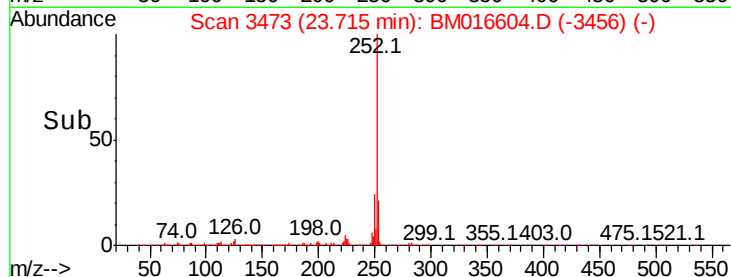
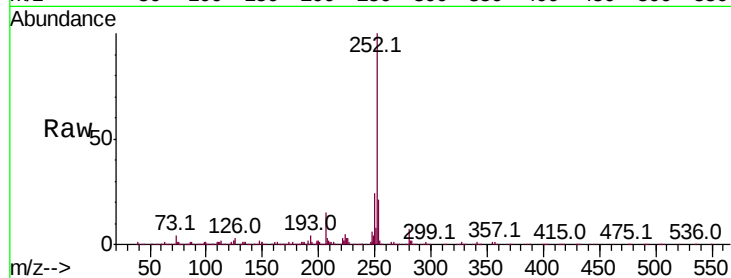
Tot Ion:252 Resp: 1747109

Ion Ratio Lower Upper

252 100

253 21.1 17.6 26.4

125 2.4 7.4 11.2#



#90

Dibenzo(a,h)anthracene

Concen: 21.298 ng

RT: 26.13 min Scan# 3883

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

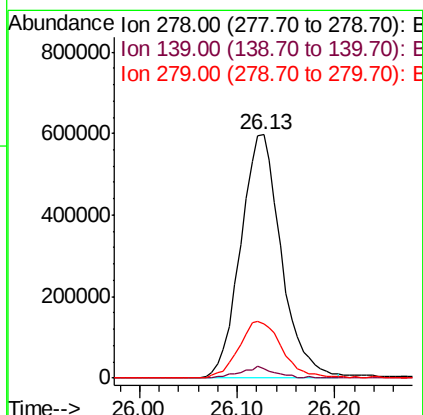
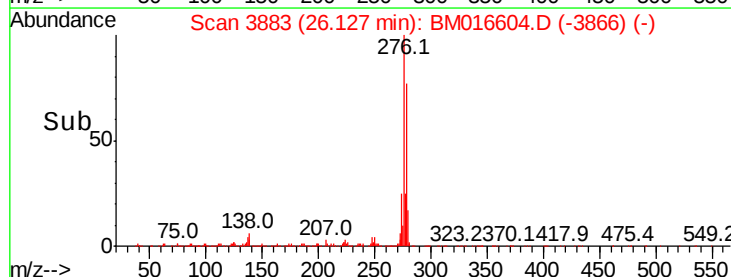
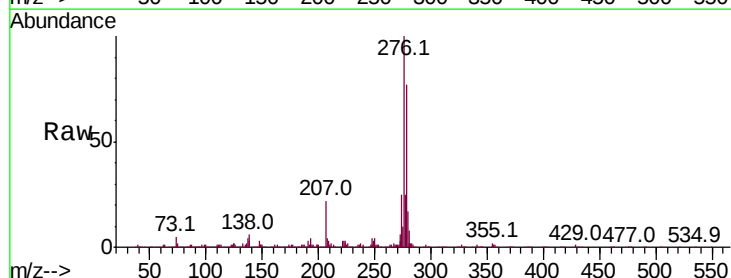
Tgt Ion:278 Resp: 1736639

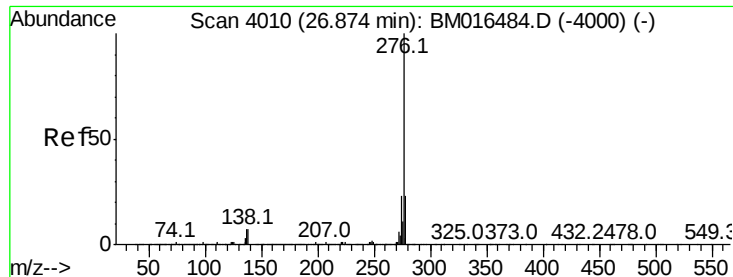
Ion Ratio Lower Upper

278 100

139 3.7 13.4 20.0#

279 22.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 22.826 ng

RT: 26.84 min Scan# 4004

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

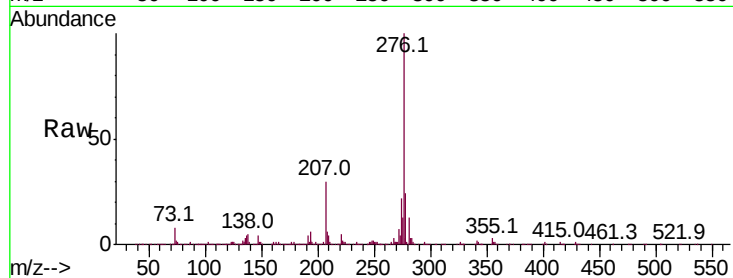
Tot Ion:276 Resp: 1670720

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 4.7 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

