

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111418\
 Data File : BM017660.D
 Acq On : 14 Nov 2018 22:51
 Operator : MJ/SJ
 Sample : PB114805BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

Quant Time: Nov 15 03:50:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	265083	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1115540	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	648652	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1439202	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1285489	20.00	ng	0.00
87) Perylene-d12	23.40	264	996113	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	2333912	148.59	ng	0.00
7) Phenol-d6	6.81	99	3093476	141.01	ng	0.00
23) Nitrobenzene-d5	8.77	82	1492368	69.06	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1298718	139.34	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3459131	69.18	ng	0.00
79) Terphenyl-d14	19.66	244	5172735	91.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	247647	37.856	ng	99
3) Pyridine	3.61	79	656227	34.198	ng	98
4) n-Nitrosodimethylamine	3.53	42	369400	43.702	ng	100
6) Aniline	6.96	93	1057783	38.883	ng	99
8) 2-Chlorophenol	7.19	128	862937	45.905	ng	98
9) Benzaldehyde	6.77	77	480576	30.072	ng	95
10) Phenol	6.83	94	1062407	46.139	ng	98
11) bis(2-Chloroethyl)ether	7.06	93	746767	41.082	ng	99
12) 1,3-Dichlorobenzene	7.50	146	857593	40.663	ng	97
13) 1,4-Dichlorobenzene	7.65	146	881175	40.762	ng	99
14) 1,2-Dichlorobenzene	7.96	146	854756	40.778	ng	98
15) Benzyl Alcohol	7.86	79	757214	43.342	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	1107521	40.017	ng	100
17) 2-Methylphenol	8.06	107	713691	46.010	ng	99
18) Hexachloroethane	8.67	117	318925	41.859	ng	97
19) n-Nitroso-di-n-propylamine	8.42	70	642474	40.788	ng	100
20) 3+4-Methylphenols	8.39	107	967776	44.904	ng	98
22) Acetophenone	8.44	105	1229569	44.163	ng	# 98
24) Nitrobenzene	8.81	77	948727	43.274	ng	99
25) Isophorone	9.33	82	1667817	49.972	ng	99
26) 2-Nitrophenol	9.51	139	464364	45.984	ng	99
27) 2,4-Dimethylphenol	9.58	122	787034	54.078	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	1057604	46.788	ng	99
29) 2,4-Dichlorophenol	10.04	162	824234	48.787	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	854057	43.465	ng	96
31) Naphthalene	10.43	128	2561292	46.698	ng	99
32) Benzoic acid	9.76	122	515112	39.072	ng	99
33) 4-Chloroaniline	10.56	127	577867	24.058	ng	97
34) Hexachlorobutadiene	10.71	225	506268	41.502	ng	98
35) Caprolactam	11.37	113	129080	20.747	ng	94
36) 4-Chloro-3-methylphenol	11.69	107	895110	45.890	ng	99
37) 2-Methylnaphthalene	12.05	142	1907526	49.208	ng	99
38) 1-Methylnaphthalene	12.27	142	1821980	47.936	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	975696	42.657	ng	99

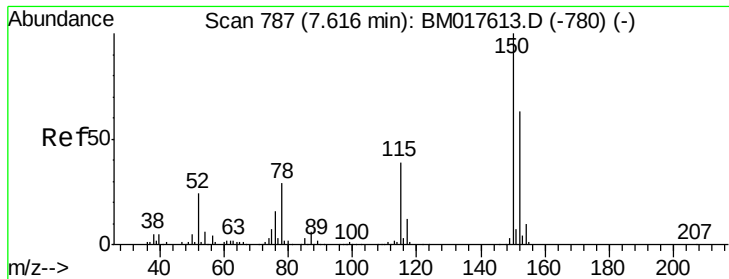
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111418\
 Data File : BM017660.D
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Quant Time: Nov 15 03:50:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1260993	106.689	ng	100
43) 2,4,6-Trichlorophenol	12.68	196	679643	47.438	ng	98
44) 2,4,5-Trichlorophenol	12.75	196	724562	47.897	ng	99
46) 1,1'-Biphenyl	13.09	154	2435245	41.825	ng	99
47) 2-Chloronaphthalene	13.12	162	1890023	43.734	ng	98
48) 2-Nitroaniline	13.34	65	601948	45.039	ng	98
49) Acenaphthylene	13.98	152	3103365	47.795	ng	99
50) Dimethylphthalate	13.73	163	2372113	44.979	ng	99
51) 2,6-Dinitrotoluene	13.85	165	536169	45.657	ng	99
52) Acenaphthene	14.32	154	1786516	44.833	ng	99
53) 3-Nitroaniline	14.19	138	393159	30.750	ng	100
54) 2,4-Dinitrophenol	14.40	184	636223	87.962	ng	97
55) Dibenzofuran	14.66	168	2876834	44.178	ng	98
56) 4-Nitrophenol	14.50	139	890174	82.655	ng	97
57) 2,4-Dinitrotoluene	14.64	165	745427	47.090	ng	99
58) Fluorene	15.32	166	2377819	47.697	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	669546	48.121	ng	99
60) Diethylphthalate	15.10	149	2420701	42.482	ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	1203389	42.487	ng	98
62) 4-Nitroaniline	15.36	138	513410	42.608	ng	99
63) Azobenzene	15.61	77	2325975	44.156	ng	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	423550	42.482	ng	97
66) n-Nitrosodiphenylamine	15.53	169	2062883	44.582	ng	100
67) 4-Bromophenyl-phenylether	16.21	248	745575	43.802	ng	97
68) Hexachlorobenzene	16.32	284	825996	43.046	ng	95
69) Atrazine	16.50	200	751322	44.146	ng	96
70) Pentachlorophenol	16.67	266	1038087	77.210	ng	99
71) Phenanthrene	17.06	178	3636853	46.570	ng	100
72) Anthracene	17.14	178	3697342	48.654	ng	99
73) Carbazole	17.43	167	3296992	42.935	ng	100
74) Di-n-butylphthalate	17.99	149	4090143	47.848	ng	99
75) Fluoranthene	19.08	202	4067405	46.032	ng	98
77) Benzidine	19.28	184	2110502	50.417	ng	100
78) Pyrene	19.44	202	4135412	52.138	ng	100
80) Butylbenzylphthalate	20.36	149	1738048	53.952	ng	100
81) Benzo(a)anthracene	21.20	228	3532393	47.697	ng	100
82) 3,3'-Dichlorobenzidine	21.14	252	1050777	36.762	ng	99
83) Chrysene	21.25	228	3360867	46.724	ng	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	2451080	51.467	ng	99
85) Di-n-octyl phthalate	22.00	149	3774631	49.498	ng	100
86) Indeno(1,2,3-cd)pyrene	25.59	276	2934176	51.046	ng	100
88) Benzo(b)fluoranthene	22.75	252	2935235	50.316	ng	100
89) Benzo(k)fluoranthene	22.79	252	2964762	50.283	ng	99
90) Benzo(a)pyrene	23.31	252	2751202	51.724	ng	99
91) Dibenzo(a,h)anthracene	25.60	278	2488136	55.642	ng	99
92) Benzo(g,h,i)perylene	26.26	276	2417356	57.487	ng	100

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

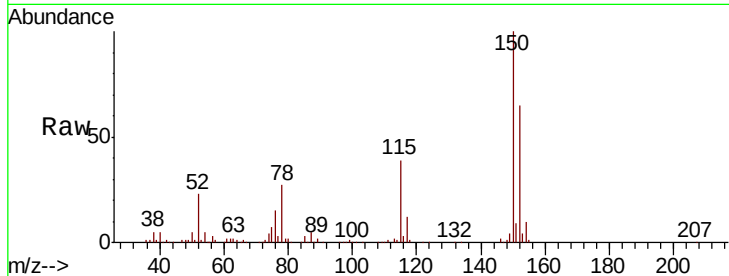


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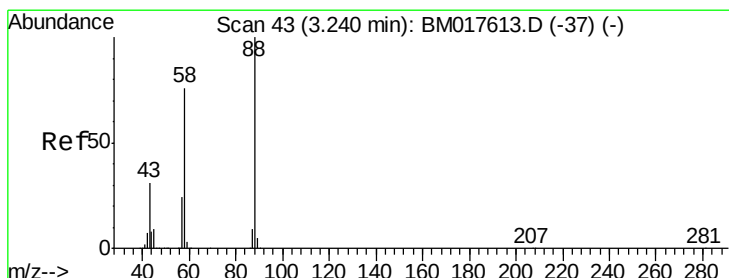
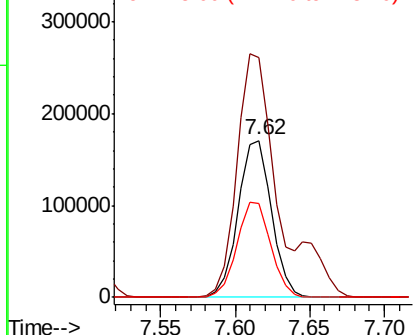
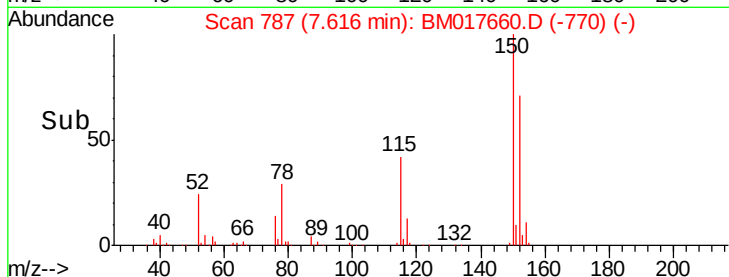
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tgt Ion: 152 Resp: 265083
Ion Ratio Lower Upper
152 100
150 153.2 126.4 189.6
115 60.0 49.4 74.0



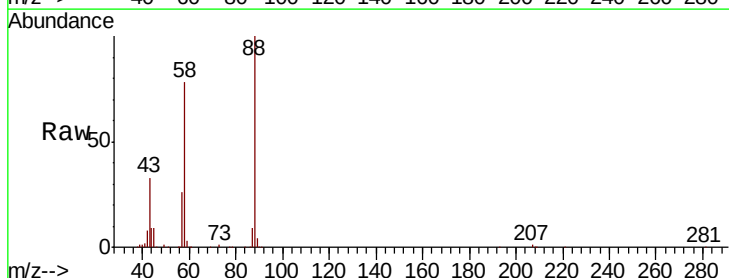
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



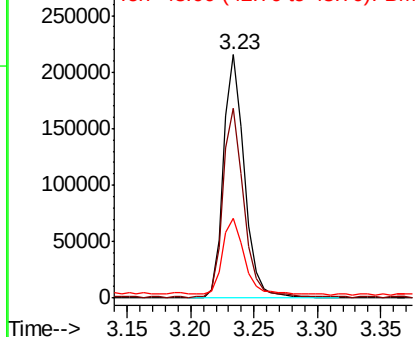
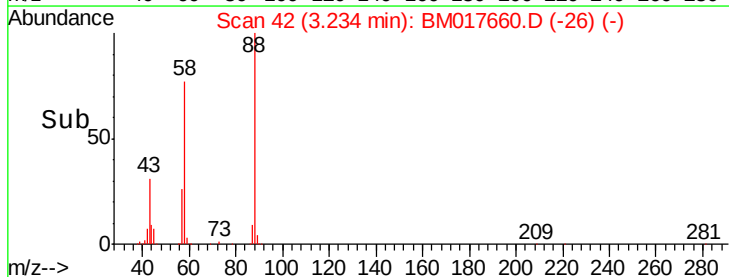
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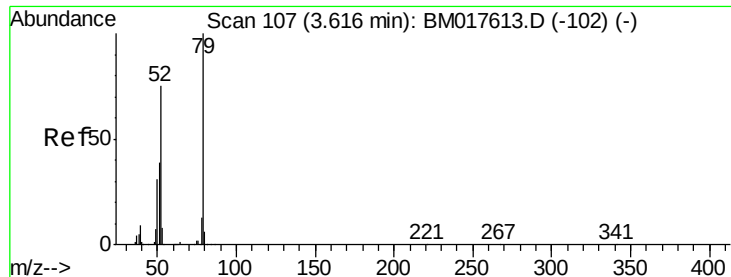
1,4-Dioxane
Concen: 37.856 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion: 88 Resp: 247647
Ion Ratio Lower Upper
88 100
58 77.0 62.0 93.0
43 33.2 26.8 40.2



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

Pyridine

Concen: 34.198 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

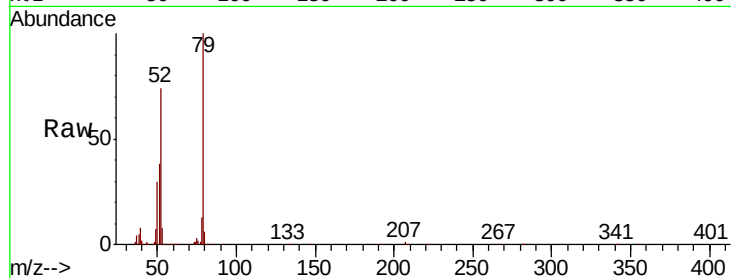
Tgt Ion: 79 Resp: 656227

Ion Ratio Lower Upper

79 100

52 73.7 60.1 90.1

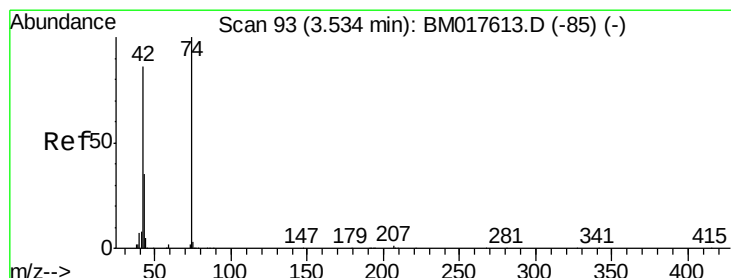
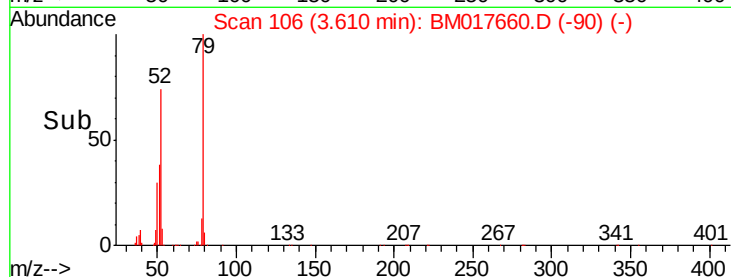
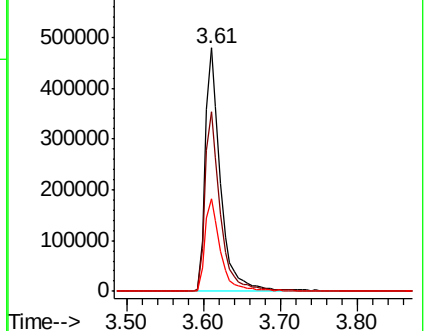
51 37.9 31.1 46.7



Abundance Ion 79.00 (78.70 to 79.70): BM017660.D (-102) (-)

Ion 52.00 (51.70 to 52.70): BM017660.D (-102) (-)

Ion 51.00 (50.70 to 51.70): BM017660.D (-102) (-)



#4

n-Nitrosodimethylamine

Concen: 43.702 ng

RT: 3.53 min Scan# 92

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

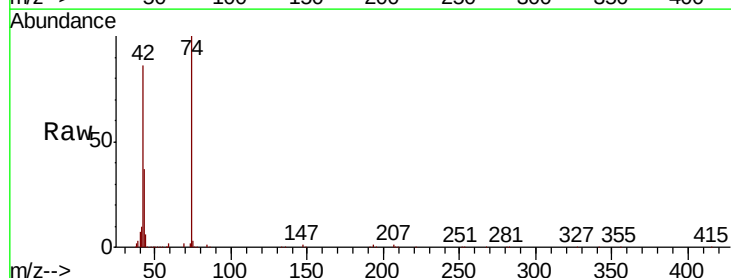
Tgt Ion: 42 Resp: 369400

Ion Ratio Lower Upper

42 100

74 116.4 93.1 139.7

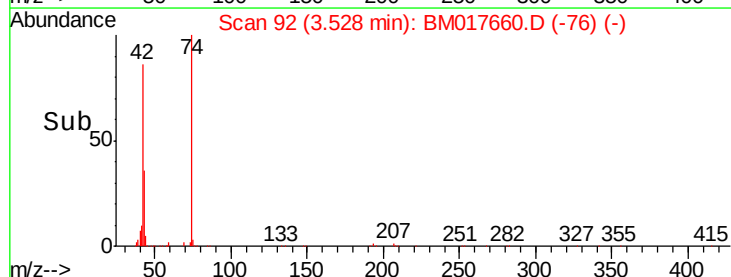
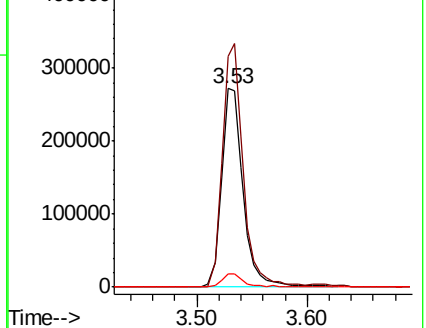
44 6.5 5.0 7.6

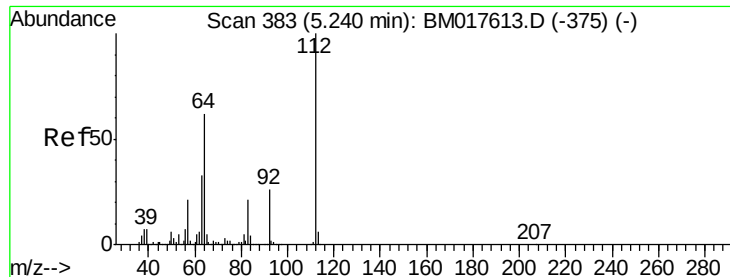


Abundance Ion 42.00 (41.70 to 42.70): BM017660.D (-76) (-)

Ion 74.00 (73.70 to 74.70): BM017660.D (-76) (-)

Ion 44.00 (43.70 to 44.70): BM017660.D (-76) (-)





#5

2-Fluorophenol

Concen: 148.588 ng

RT: 5.24 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

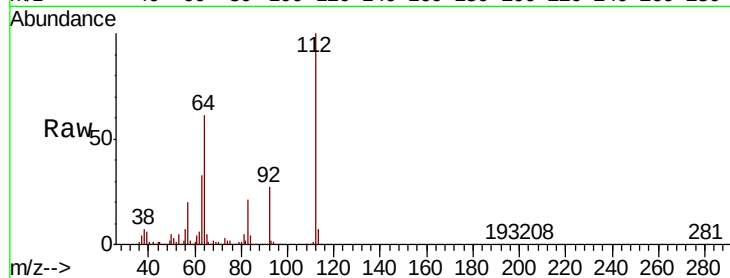
Tgt Ion: 112 Resp: 2333912

Ion Ratio Lower Upper

112 100

64 61.1 49.3 73.9

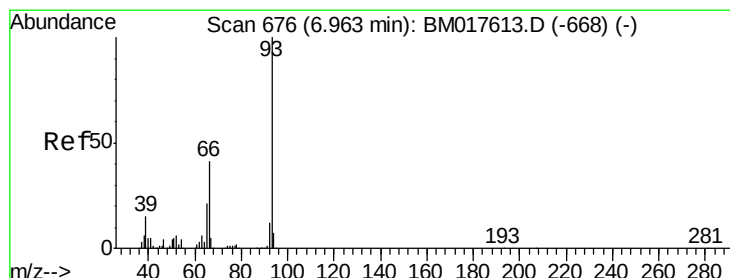
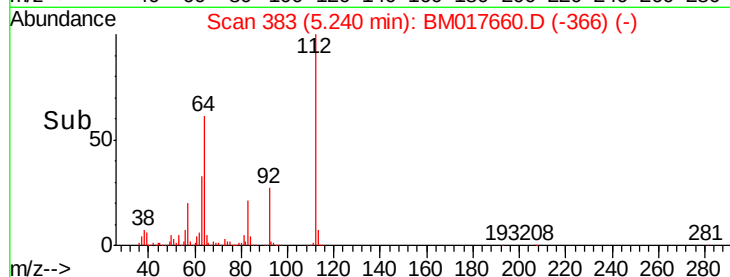
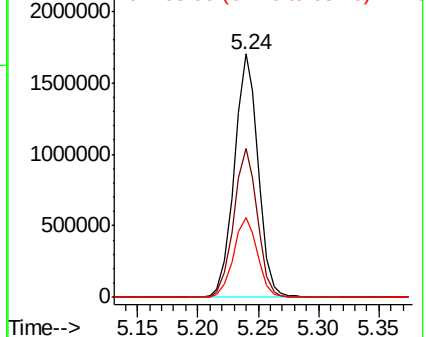
63 32.7 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 38.883 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

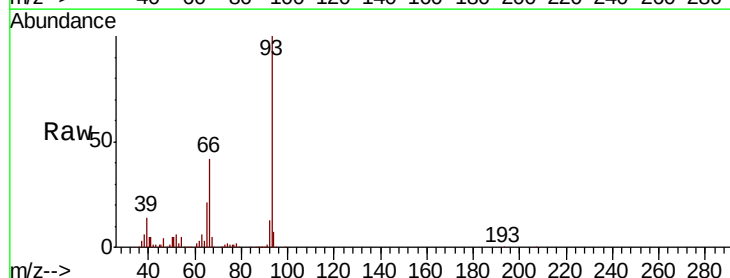
Tgt Ion: 93 Resp: 1057783

Ion Ratio Lower Upper

93 100

66 41.5 32.8 49.2

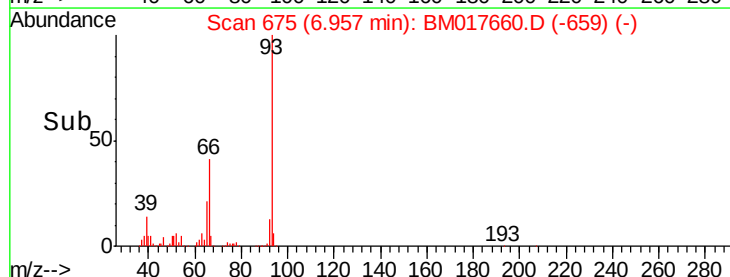
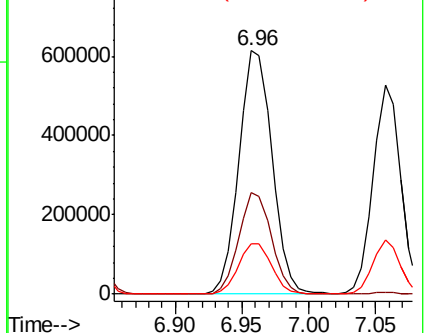
65 20.9 16.6 25.0

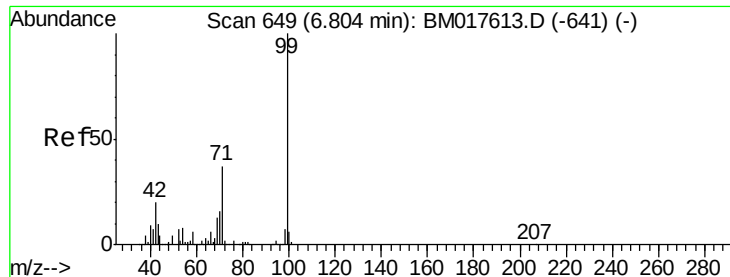


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 141.014 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

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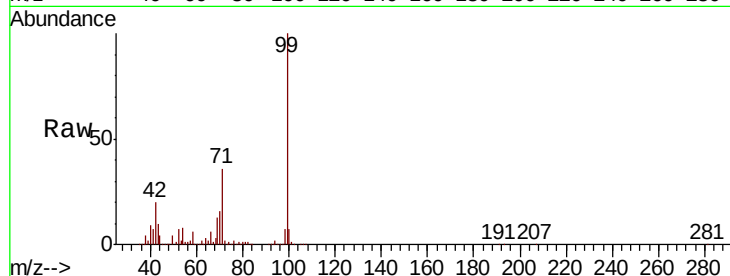
Tgt Ion: 99 Resp: 3093476

Ion Ratio Lower Upper

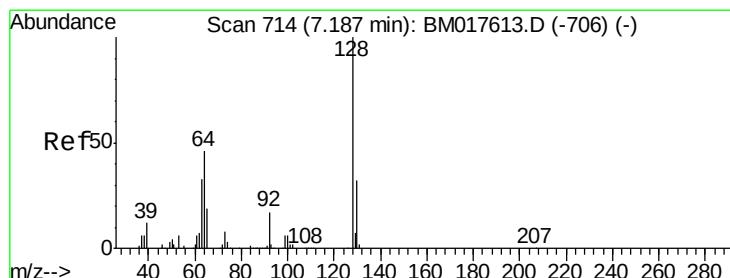
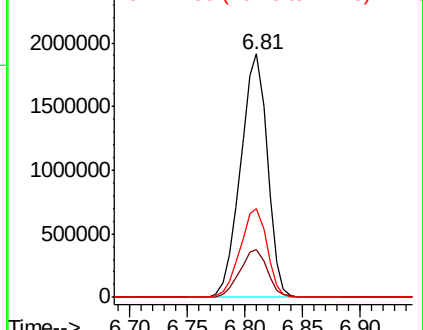
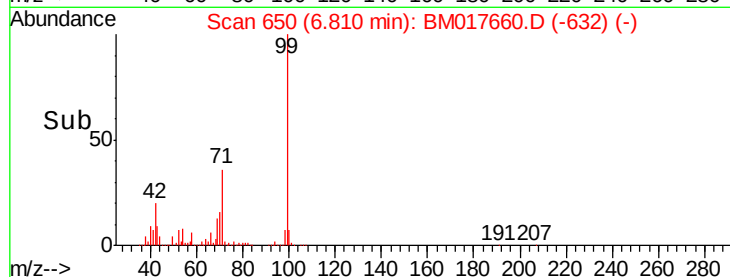
99 100

42 19.7 16.3 24.5

71 36.4 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017660.D (-632) (-)



#8

2-Chlorophenol

Concen: 45.905 ng

RT: 7.19 min Scan# 714

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

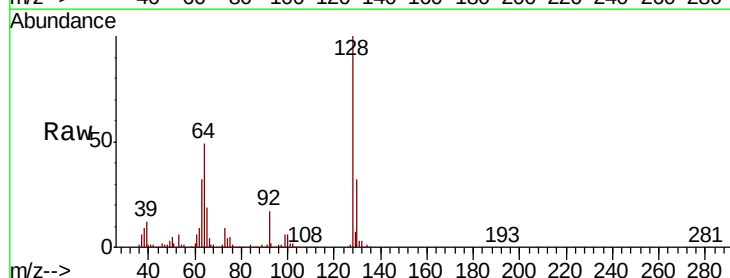
Tgt Ion: 128 Resp: 862937

Ion Ratio Lower Upper

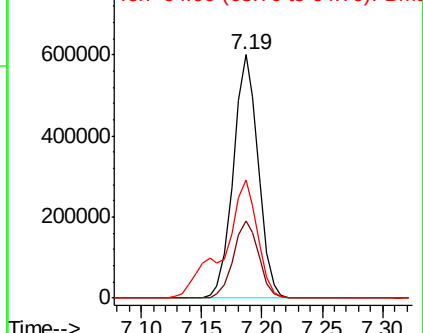
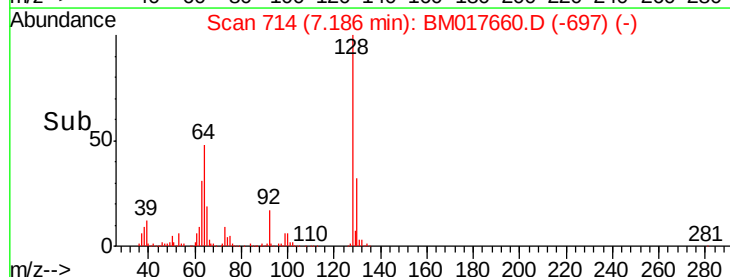
128 100

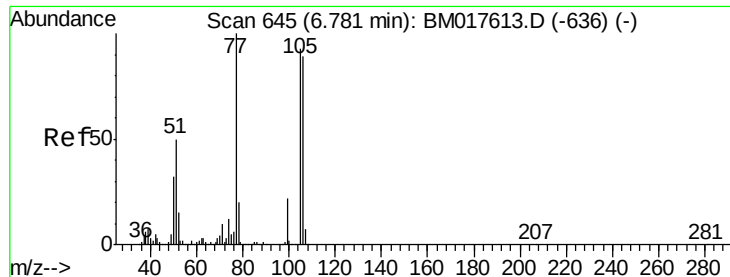
130 31.7 12.4 52.4

64 48.6 30.0 70.0



Abundance Ion 128.00 (127.70 to 128.70): BM017660.D (-697) (-)





#9

Benzaldehyde

Concen: 30.072 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

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ClientSampleId :

PB114805BS

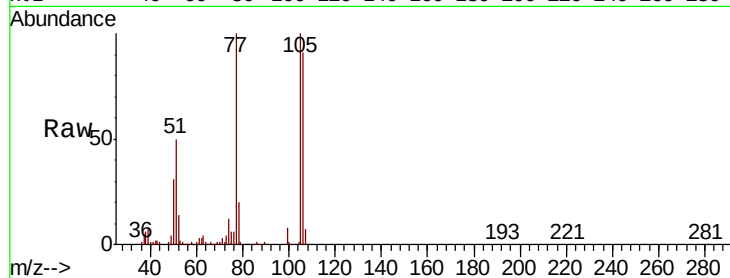
Tgt Ion: 77 Resp: 480576

Ion Ratio Lower Upper

77 100

105 99.7 72.7 112.7

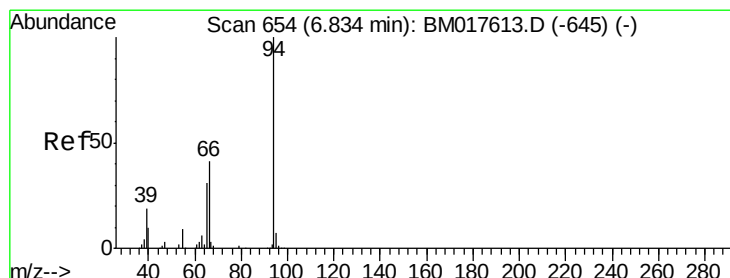
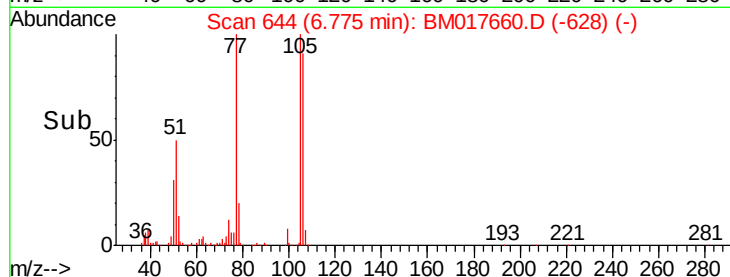
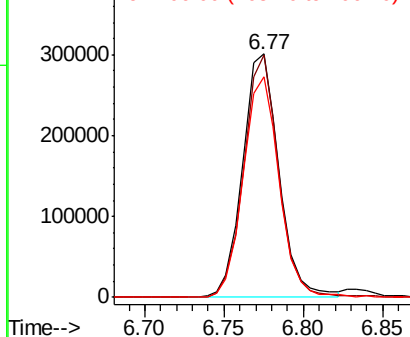
106 90.8 68.9 108.9



Abundance Ion 77.00 (76.70 to 77.70): BM017613.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM017613.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM017613.D (-636) (-)



#10

Phenol

Concen: 46.139 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

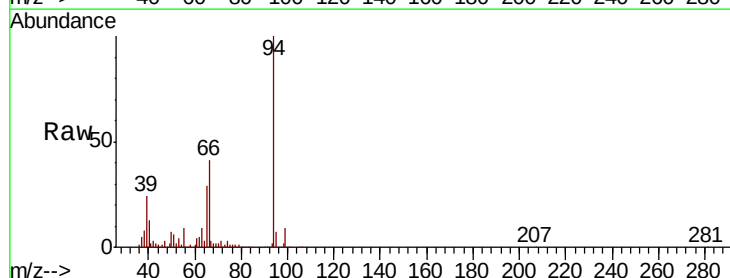
Tgt Ion: 94 Resp: 1062407

Ion Ratio Lower Upper

94 100

65 29.3 11.4 51.4

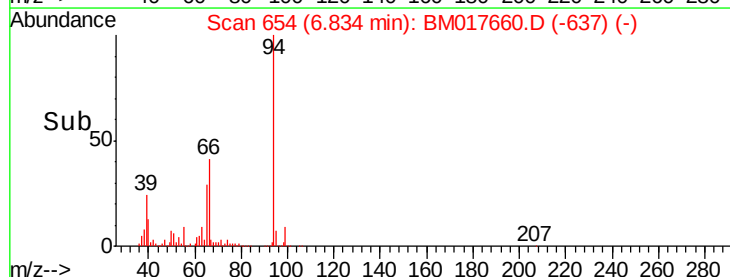
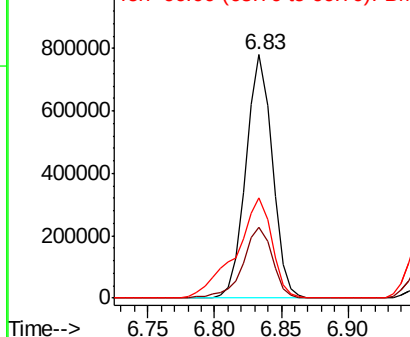
66 41.0 21.4 61.4

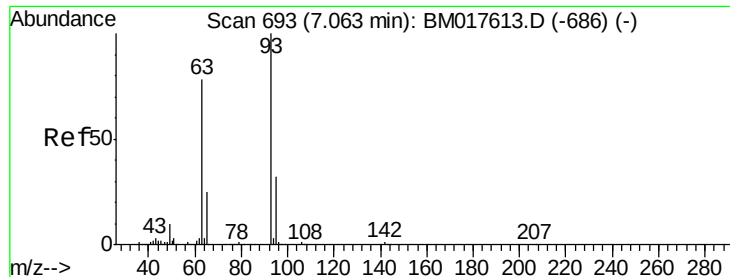


Abundance Ion 94.00 (93.70 to 94.70): BM017613.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017613.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017613.D (-645) (-)

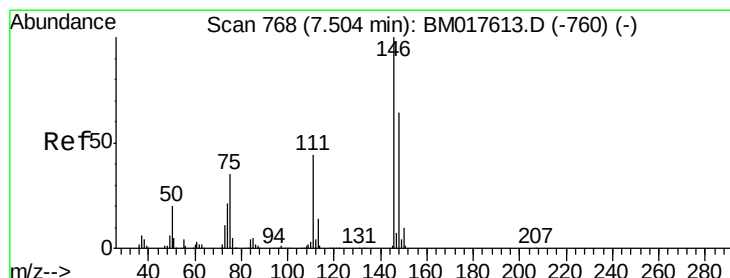
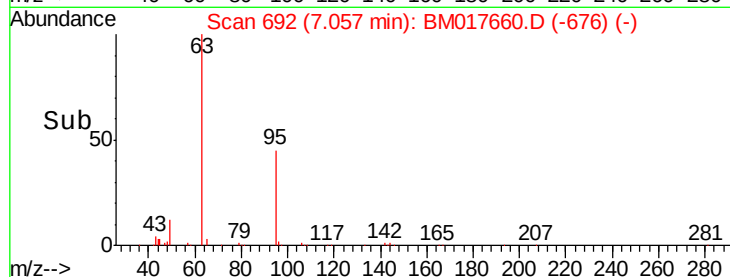
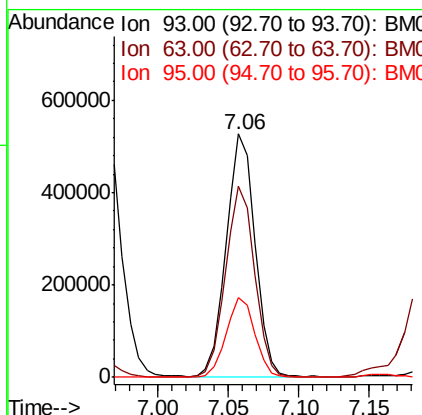
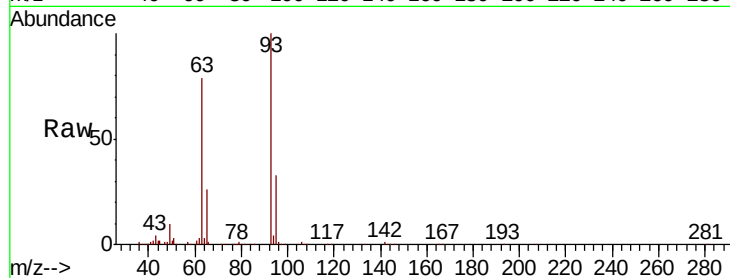




#11
bis(2-Chloroethyl)ether
Concen: 41.082 ng
RT: 7.06 min Scan# 692
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

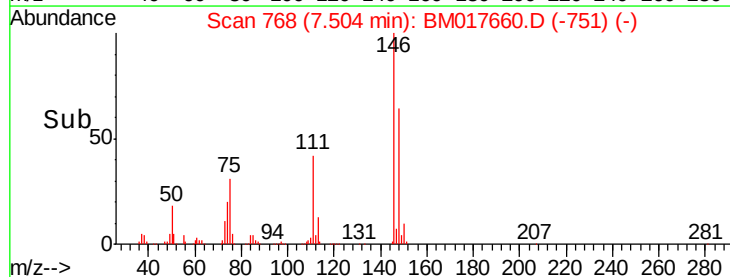
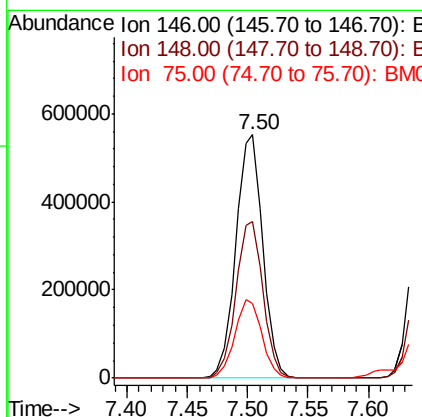
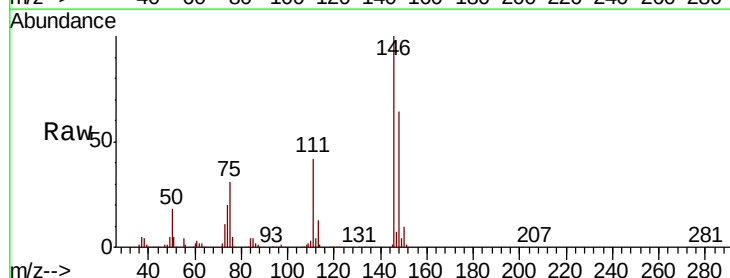
Instrument :
BNA_M
ClientSampleId :
PB114805BS

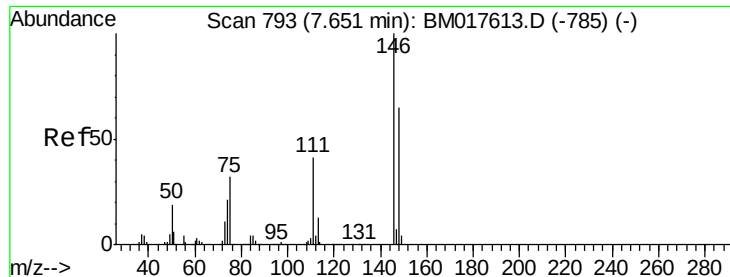
Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.5	57.9	97.9
95	32.9	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 40.663 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
75	30.9	28.2	42.2

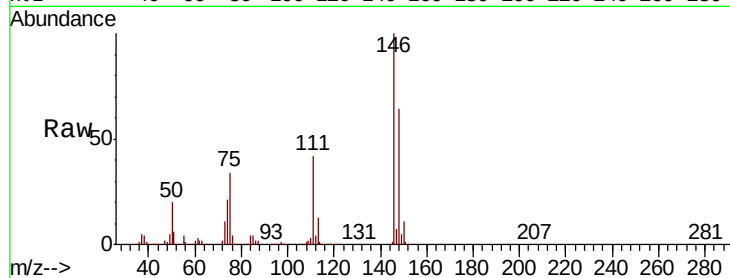




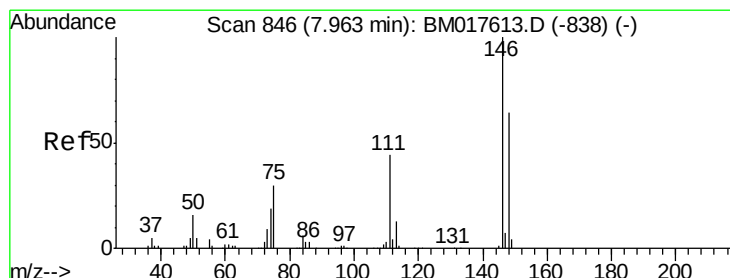
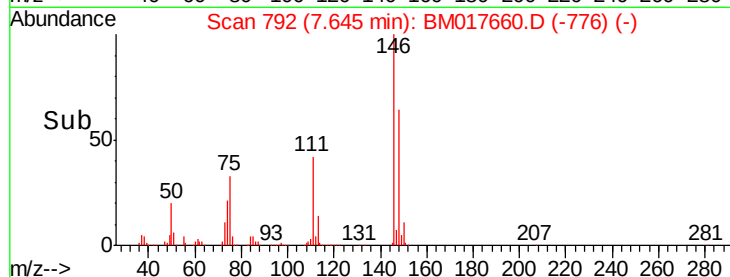
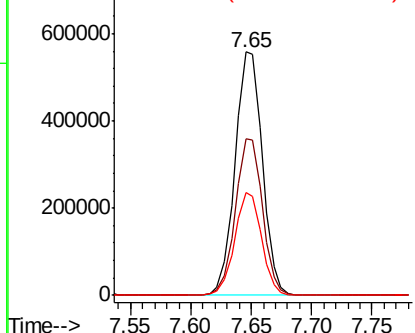
#13
 1,4-Dichlorobenzene
 Concen: 40.762 ng
 RT: 7.65 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

Tgt Ion:146 Resp: 881175
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.0 78.0
 111 42.1 33.2 49.8

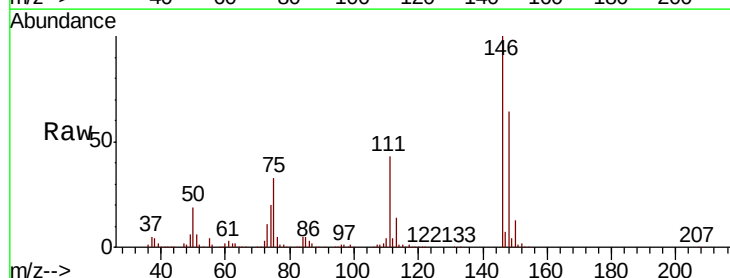


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

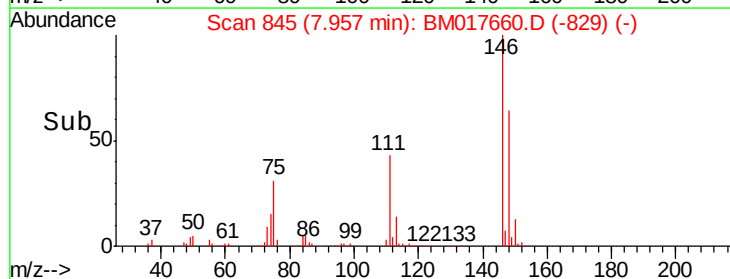
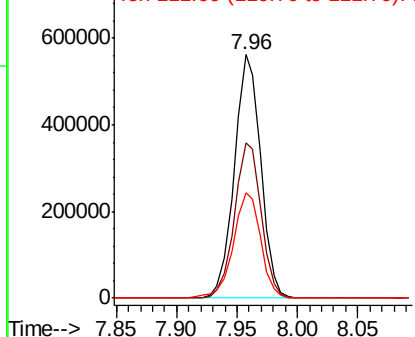


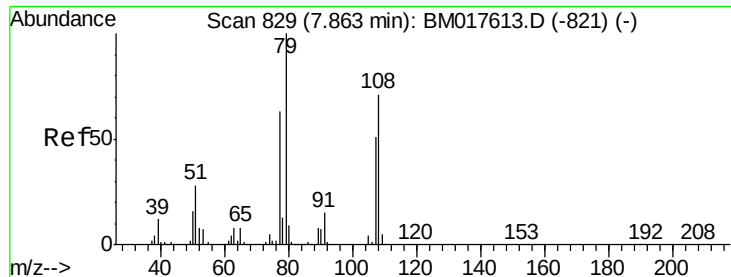
#14
 1,2-Dichlorobenzene
 Concen: 40.778 ng
 RT: 7.96 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion:146 Resp: 854756
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.6 77.4
 111 43.3 35.8 53.8



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

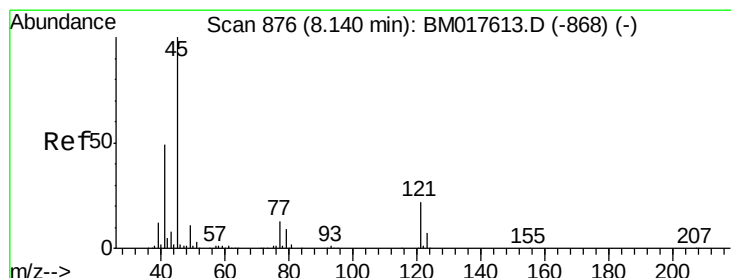
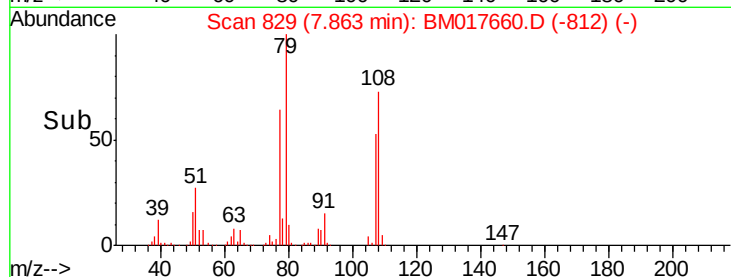
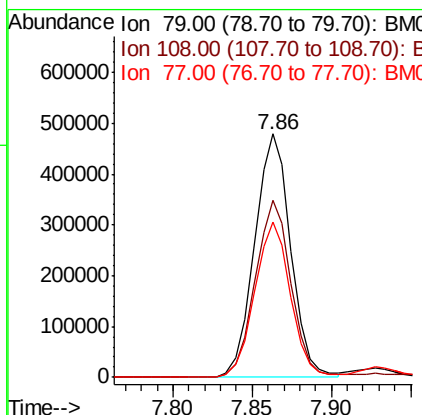
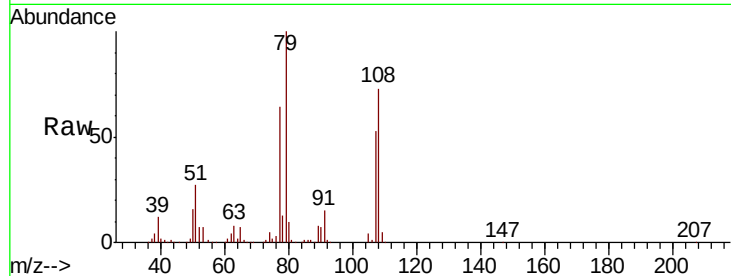




#15
Benzyl Alcohol
Concen: 43.342 ng
RT: 7.86 min Scan# 829
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

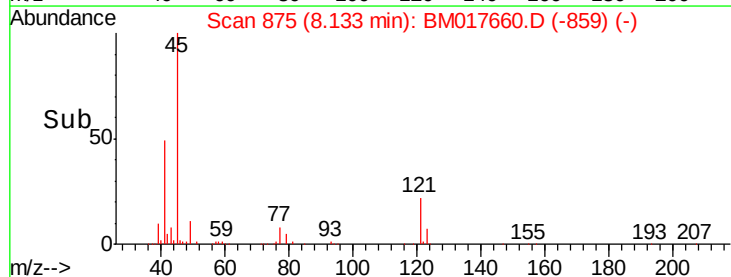
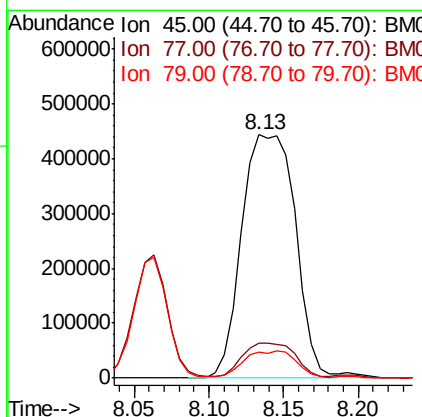
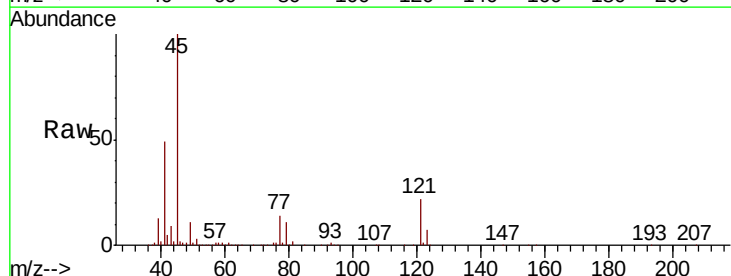
Instrument :
BNA_M
ClientSampleId :
PB114805BS

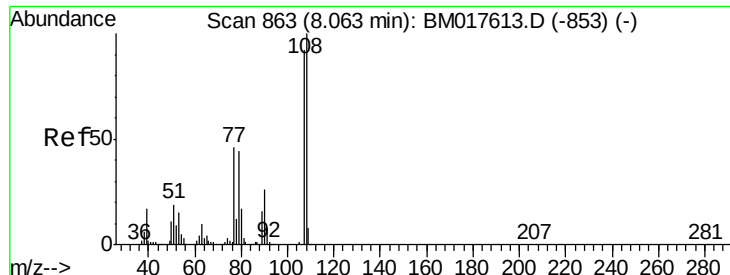
Tgt Ion: 79 Resp: 757214
Ion Ratio Lower Upper
79 100
108 72.6 57.1 85.7
77 63.6 50.4 75.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.017 ng
RT: 8.13 min Scan# 875
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion: 45 Resp: 1107521
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.2
79 10.6 0.0 30.5

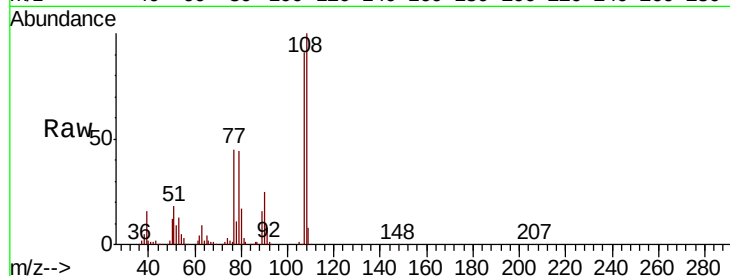




#17
2-Methylphenol
Concen: 46.010 ng
RT: 8.06 min Scan# 863
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tgt Ion:	107	Resp:	713691
Ion	Ratio	Lower	Upper
107	100		
108	109.4	86.7	130.1
77	49.1	39.8	59.6
79	48.1	38.4	57.6



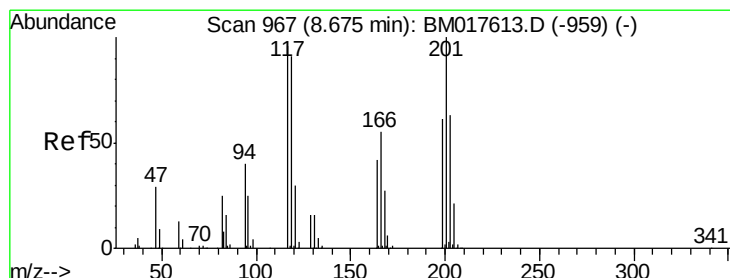
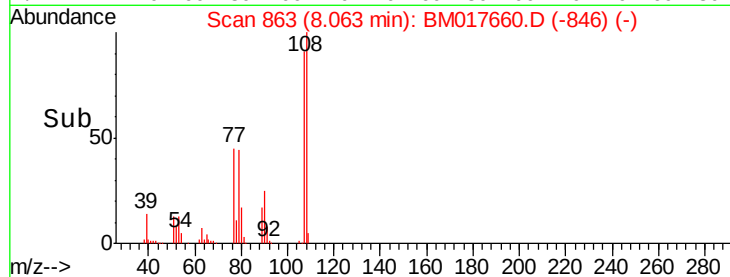
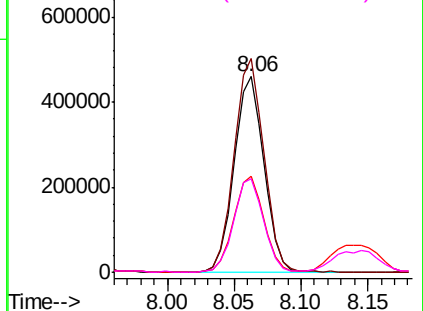
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

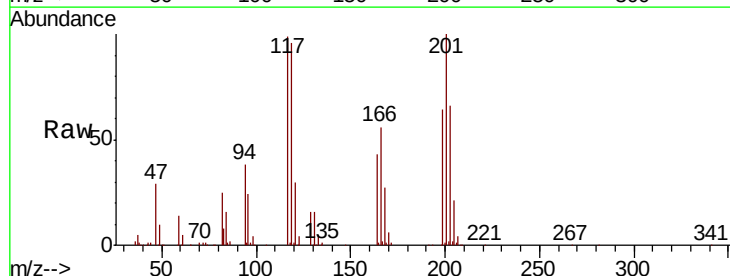
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 41.859 ng
RT: 8.67 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion:	117	Resp:	318925
Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.8	113.8
201	101.3	83.0	124.4

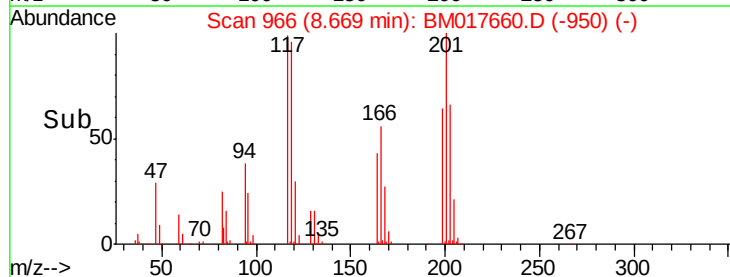
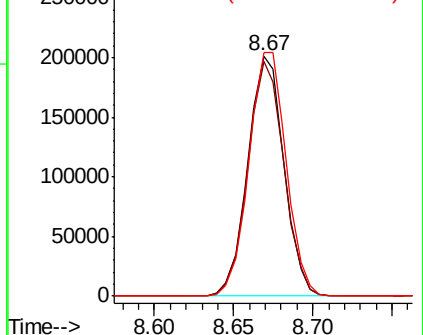


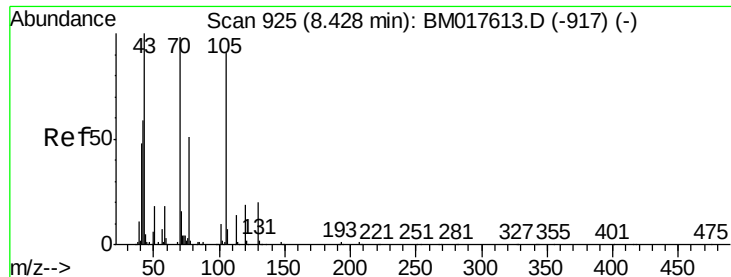
Abundance

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

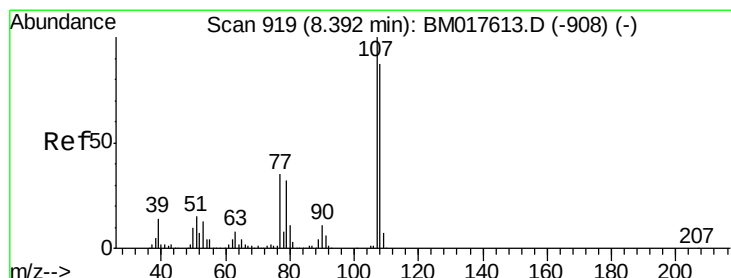
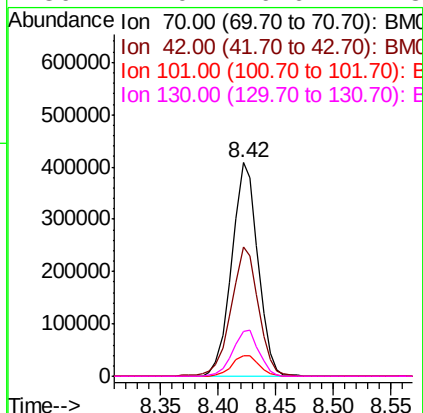
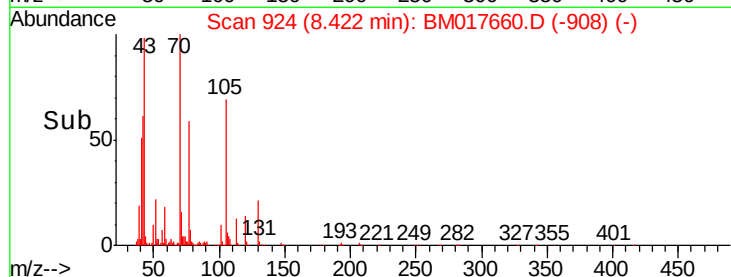
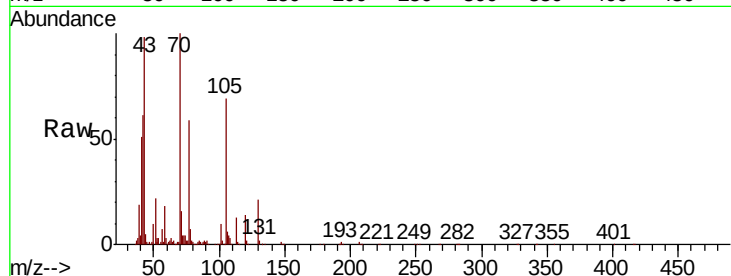




#19
n-Nitroso-di-n-propylamine
Concen: 40.788 ng
RT: 8.42 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

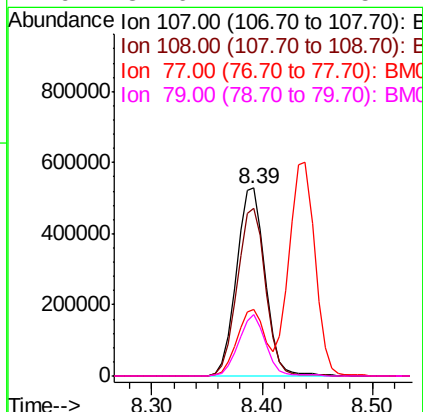
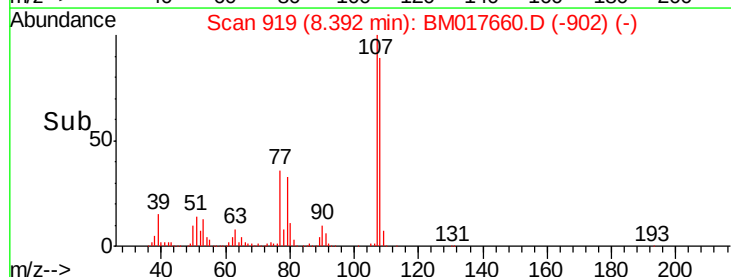
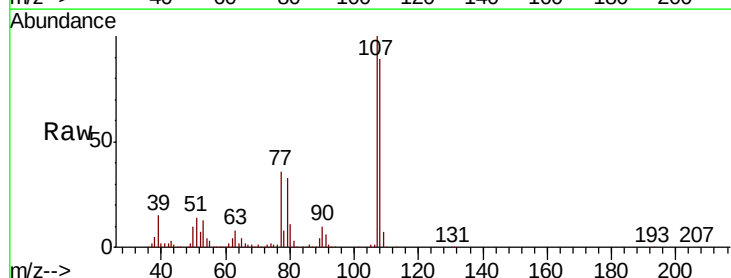
Instrument :
BNA_M
ClientSampleId :
PB114805BS

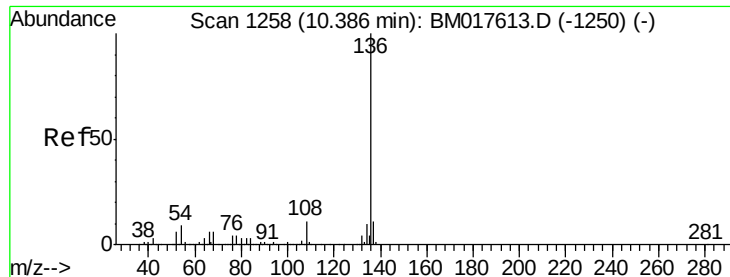
Tgt Ion:	70	Resp:	642474
Ion	Ratio	Lower	Upper
70	100		
42	60.8	48.6	73.0
101	9.9	7.9	11.9
130	21.0	16.6	24.8



#20
3+4-Methylphenols
Concen: 44.904 ng
RT: 8.39 min Scan# 919
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion:	107	Resp:	967776
Ion	Ratio	Lower	Upper
107	100		
108	89.2	67.0	107.0
77	35.8	15.6	55.6
79	32.6	11.7	51.7

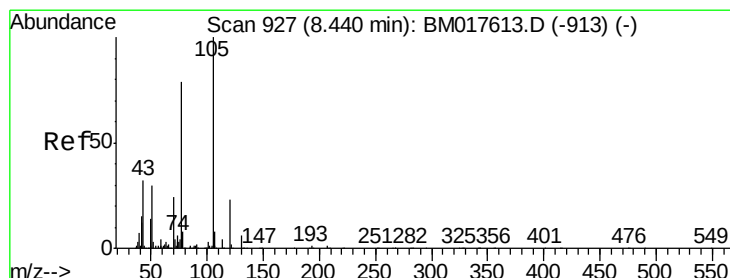
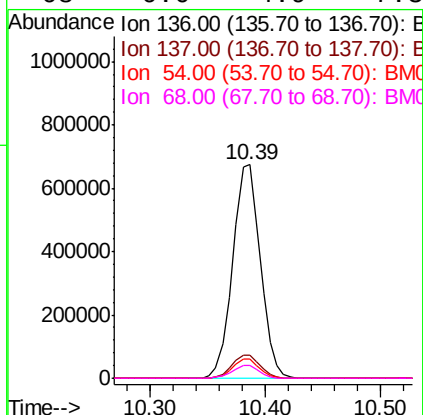
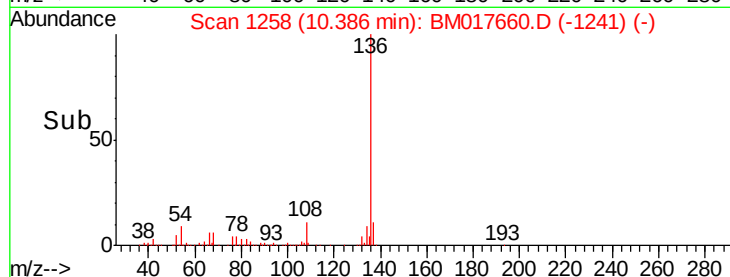
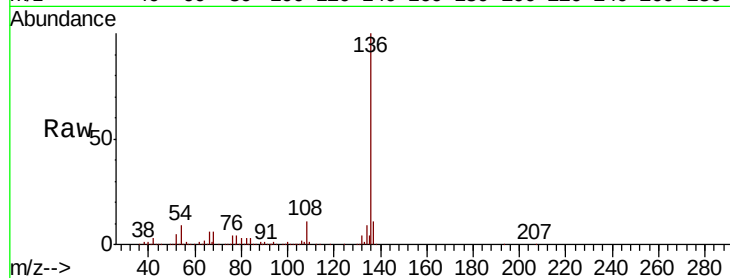




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

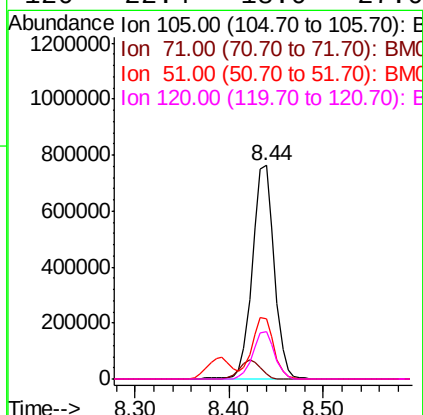
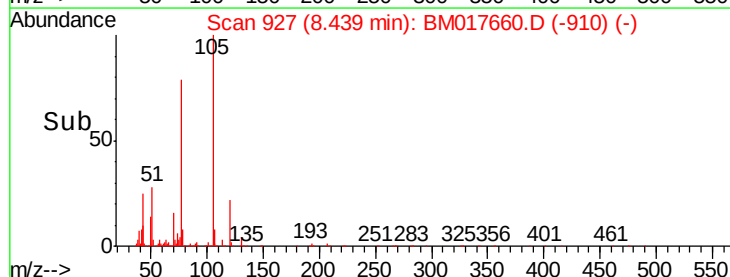
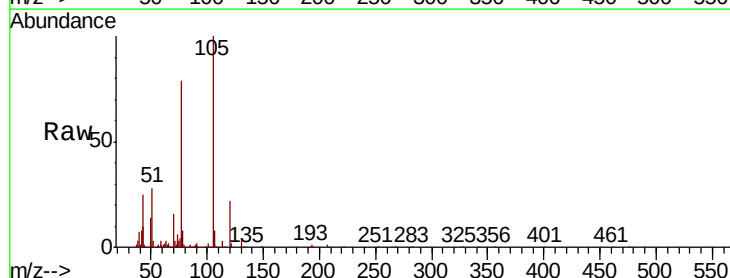
Instrument :
BNA_M
ClientSampleId :
PB114805BS

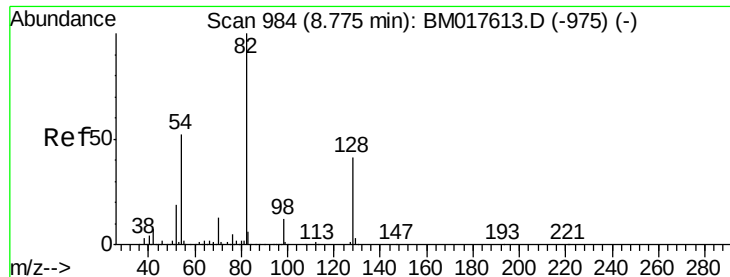
Tgt Ion:	136	Resp:	1115540
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.8	7.0	10.6
68	6.0	4.9	7.3



#22
Acetophenone
Concen: 44.163 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion:	105	Resp:	1229569
Ion	Ratio	Lower	Upper
105	100		
71	2.5	3.1	4.7#
51	28.3	23.8	35.8
120	22.4	18.0	27.0

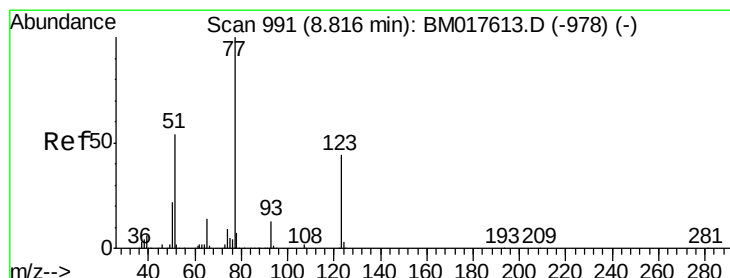
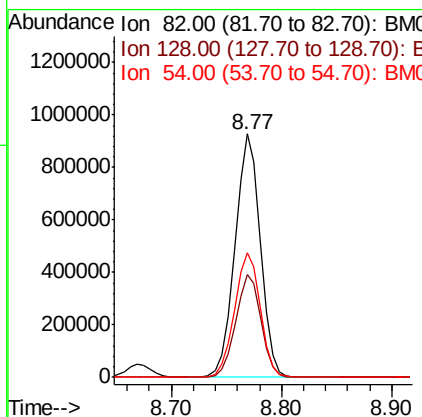
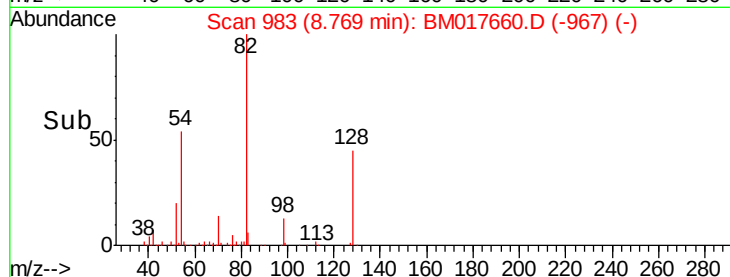
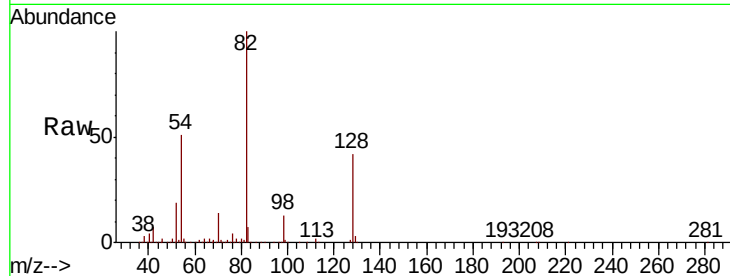




#23
 Nitrobenzene-d5
 Concen: 69.064 ng
 RT: 8.77 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

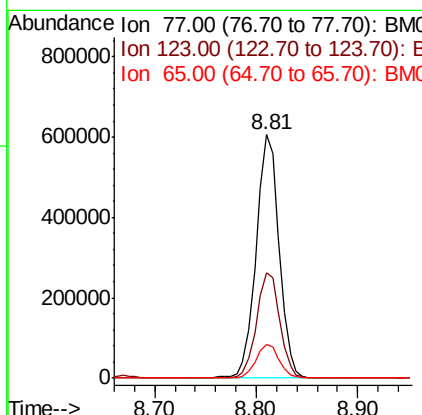
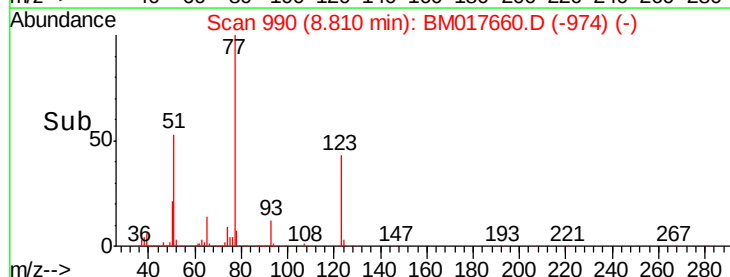
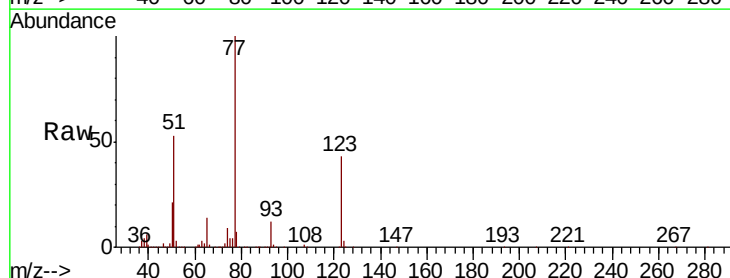
Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

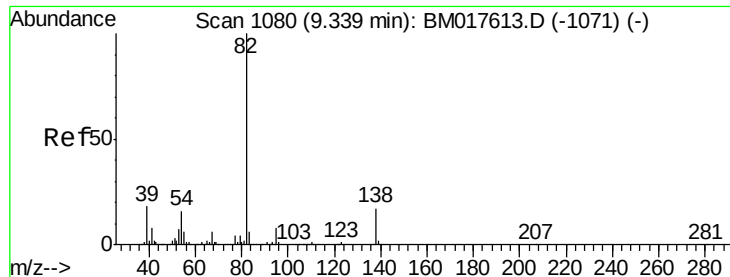
Tgt Ion: 82 Resp: 1492368
 Ion Ratio Lower Upper
 82 100
 128 42.3 33.0 49.4
 54 51.3 41.4 62.2



#24
 Nitrobenzene
 Concen: 43.274 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion: 77 Resp: 948727
 Ion Ratio Lower Upper
 77 100
 123 43.1 35.1 52.7
 65 13.8 11.0 16.6

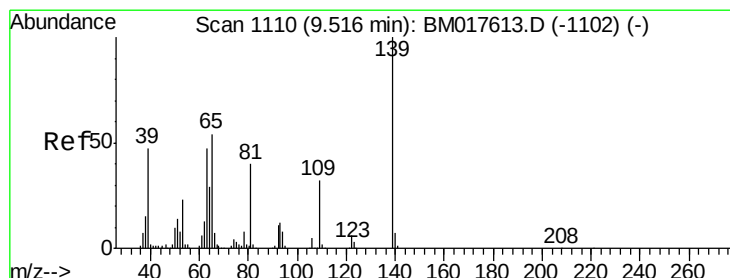
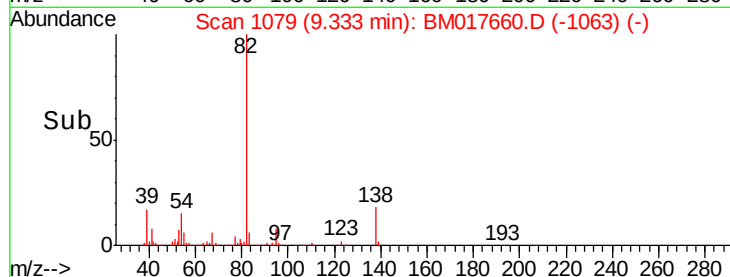
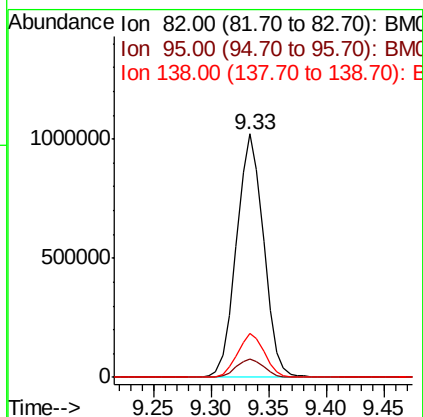
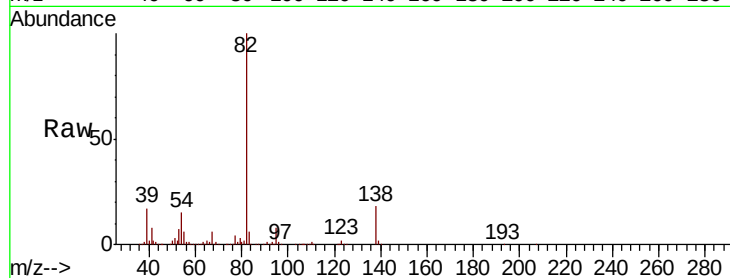




#25
Isophorone
Concen: 49.972 ng
RT: 9.33 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

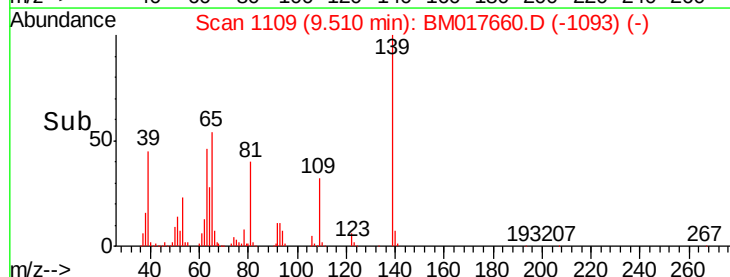
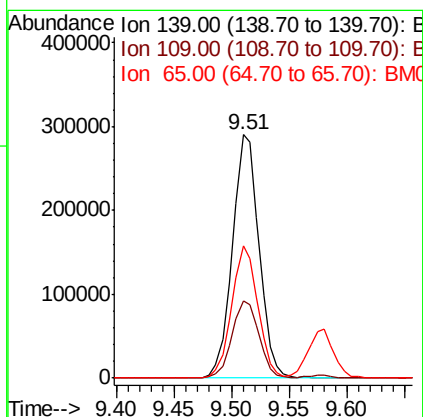
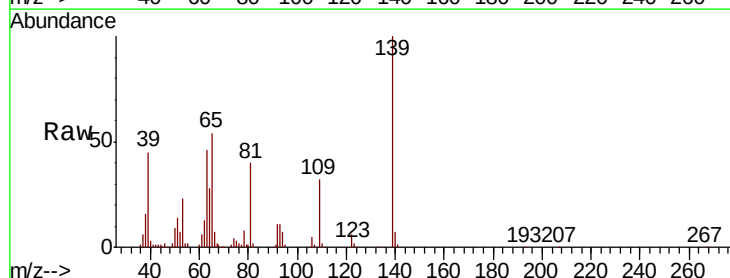
Instrument :
BNA_M
ClientSampleId :
PB114805BS

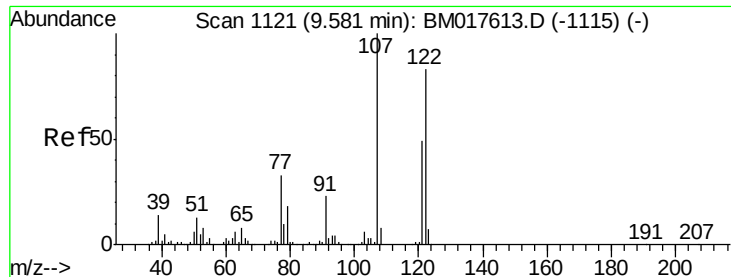
Tgt Ion: 82 Resp: 1667817
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 17.8 13.9 20.9



#26
2-Nitrophenol
Concen: 45.984 ng
RT: 9.51 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion: 139 Resp: 464364
Ion Ratio Lower Upper
139 100
109 31.6 25.9 38.9
65 54.2 43.0 64.4

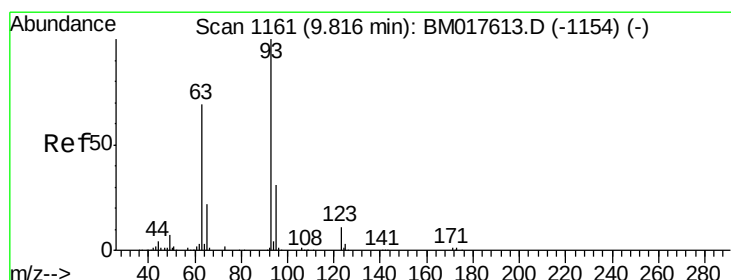
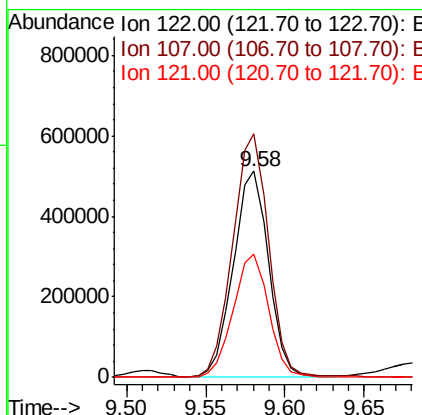
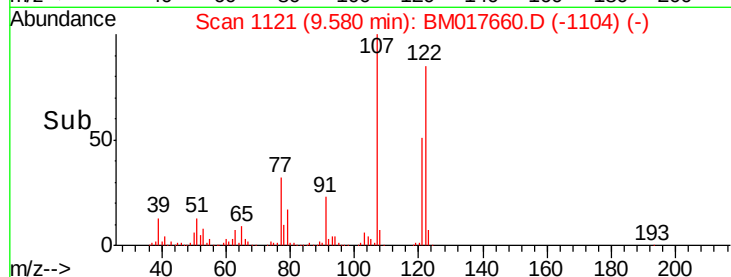
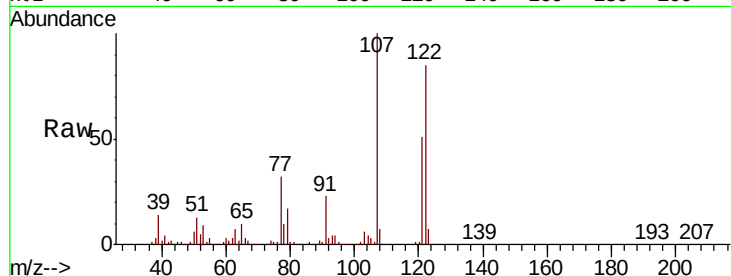




#27
2,4-Dimethylphenol
Concen: 54.078 ng
RT: 9.58 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

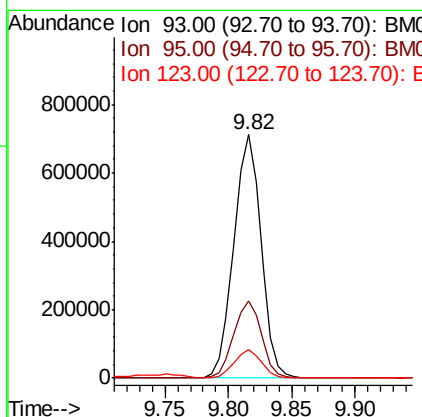
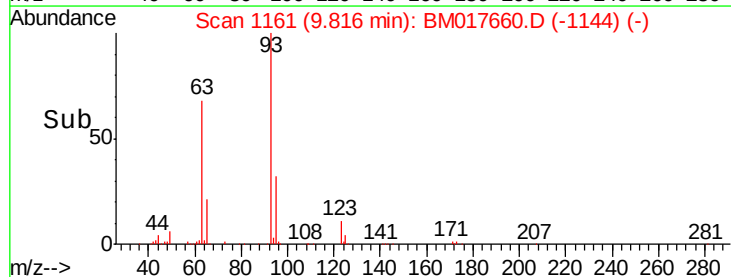
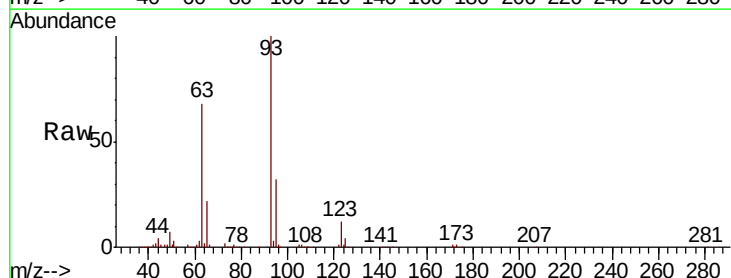
Instrument :
BNA_M
ClientSampleId :
PB114805BS

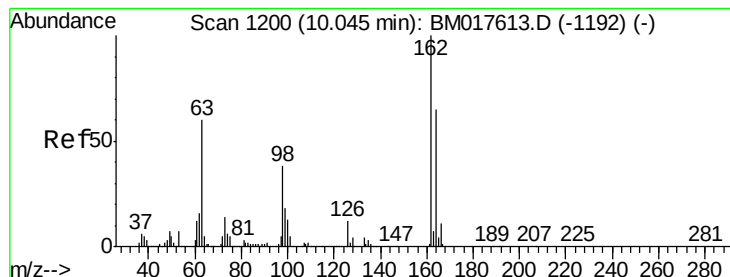
Tgt Ion: 122 Resp: 787034
Ion Ratio Lower Upper
122 100
107 118.2 95.8 143.8
121 59.7 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.788 ng
RT: 9.82 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion: 93 Resp: 1057604
Ion Ratio Lower Upper
93 100
95 31.6 24.9 37.3
123 11.7 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 48.787 ng

RT: 10.04 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

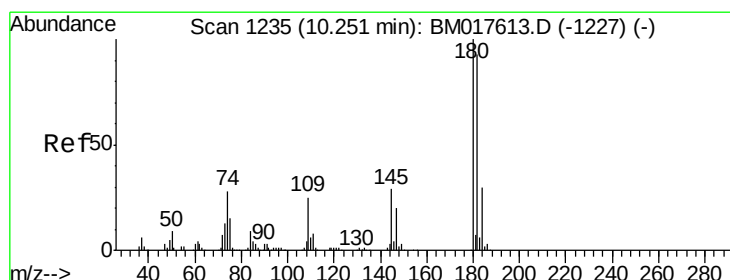
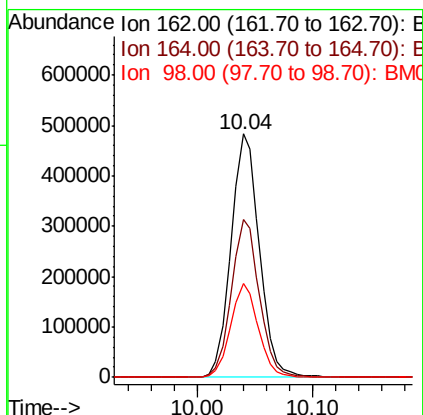
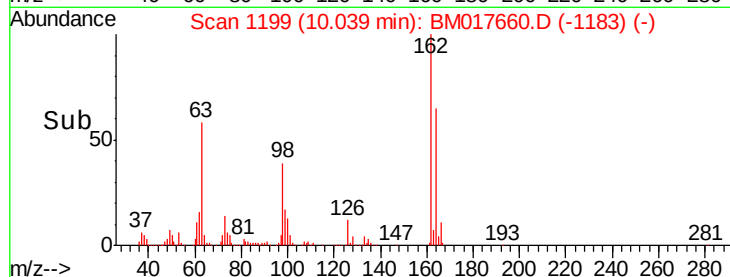
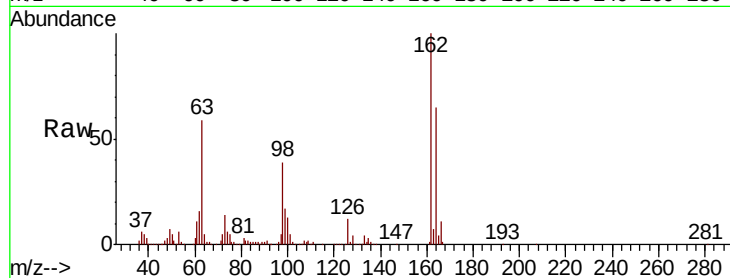
Tgt Ion:162 Resp: 824234

Ion Ratio Lower Upper

162 100

164 65.0 45.0 85.0

98 38.8 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 43.465 ng

RT: 10.25 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

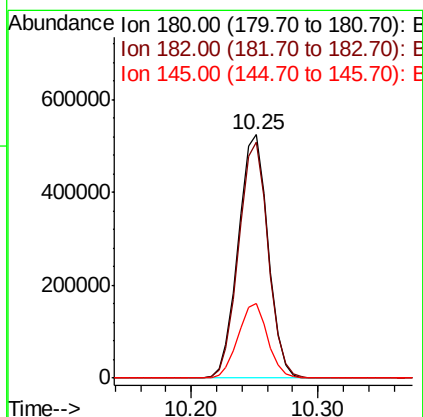
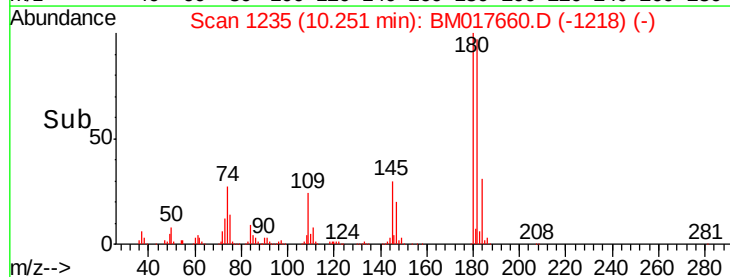
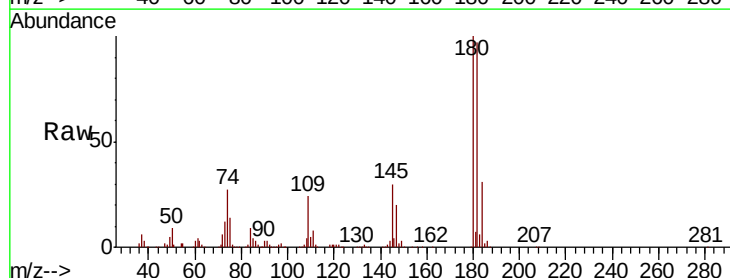
Tgt Ion:180 Resp: 854057

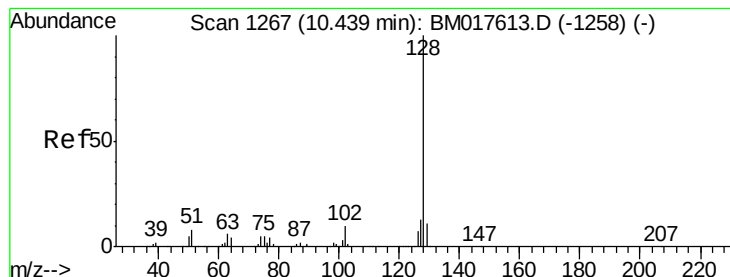
Ion Ratio Lower Upper

180 100

182 97.1 74.4 111.6

145 30.4 23.5 35.3





#31

Naphthalene

Concen: 46.698 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

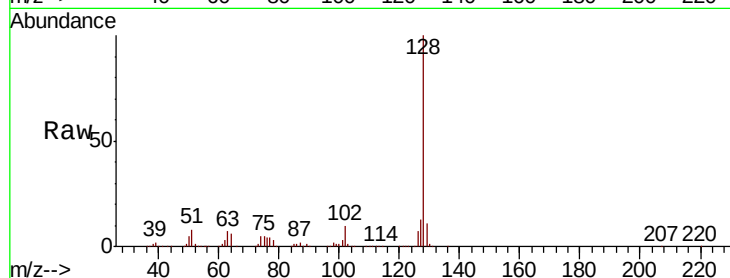
Tgt Ion:128 Resp: 2561292

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

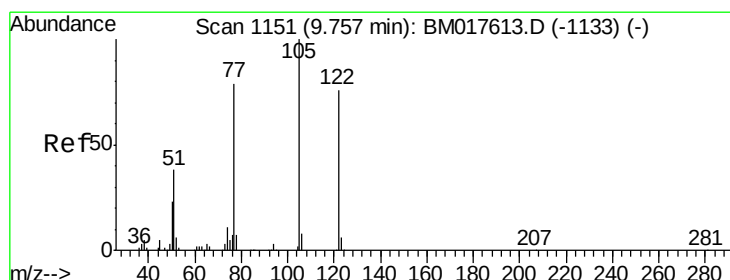
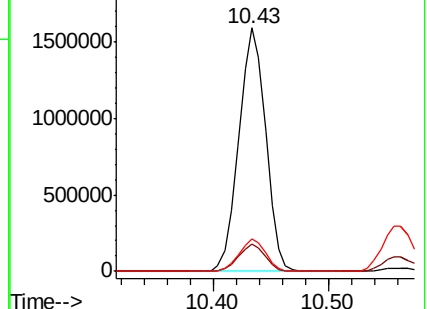
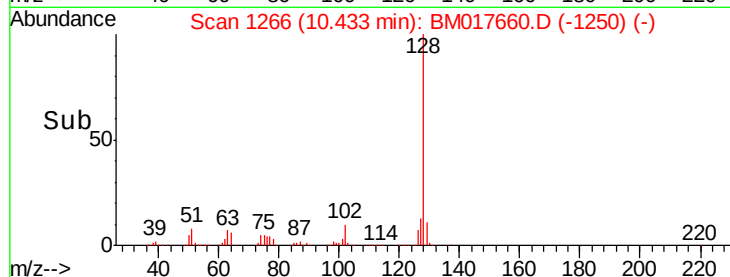
127 13.3 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.072 ng

RT: 9.76 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

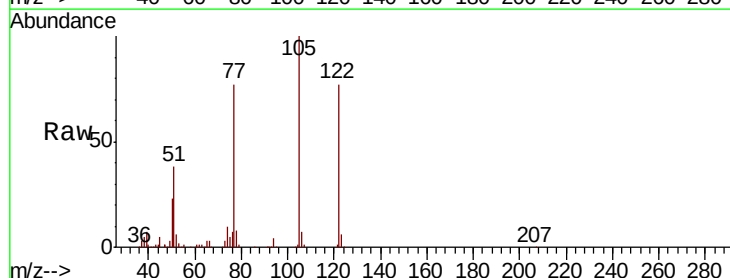
Tgt Ion:122 Resp: 515112

Ion Ratio Lower Upper

122 100

105 129.3 109.1 149.1

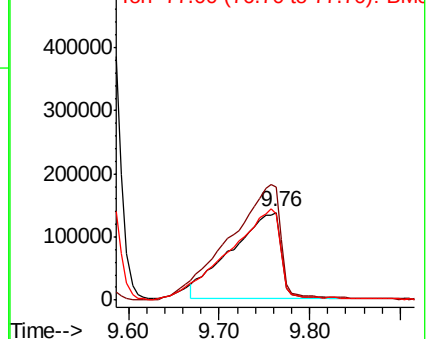
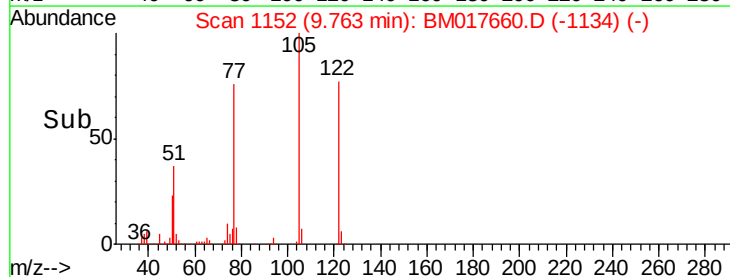
77 99.1 82.1 122.1

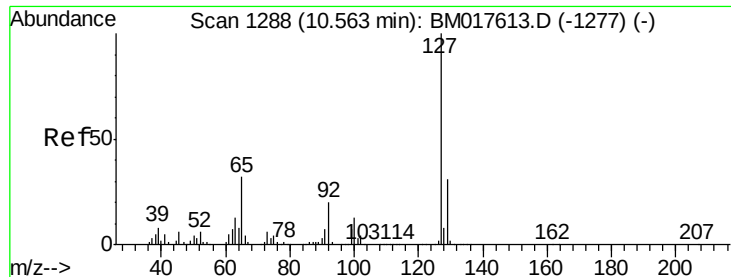


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

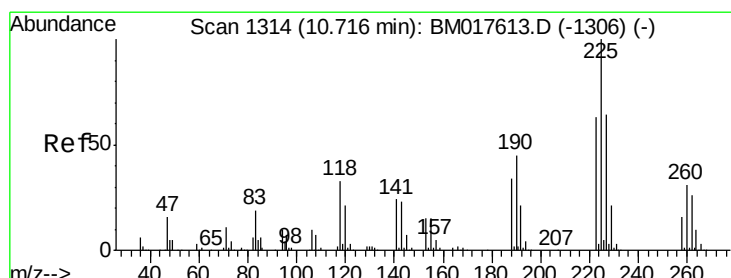
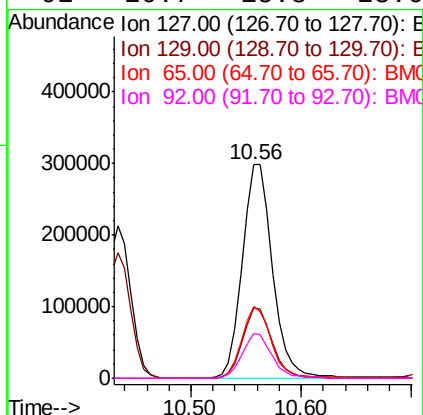
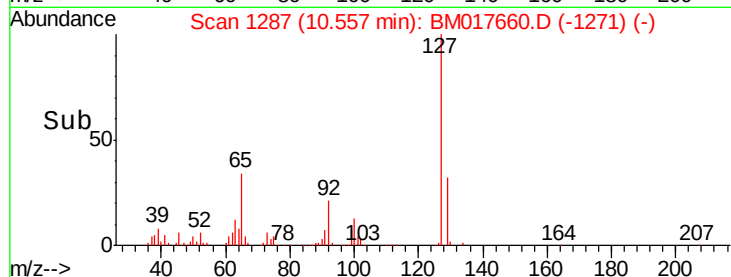
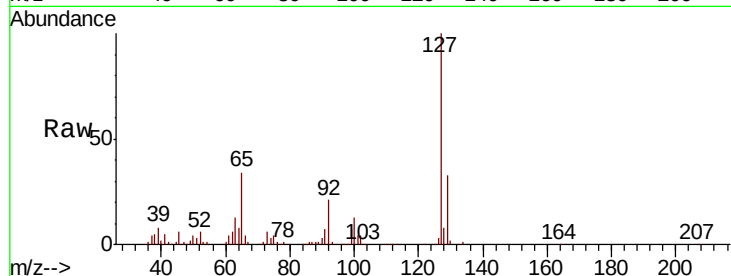




#33
4-Chloroaniline
Concen: 24.058 ng
RT: 10.56 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

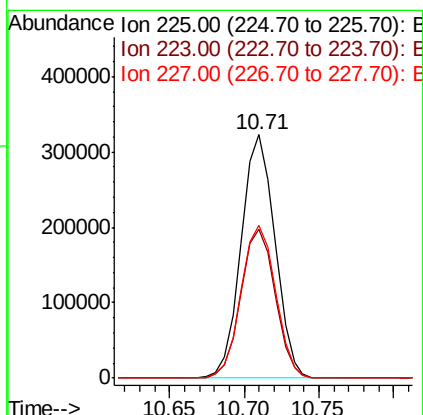
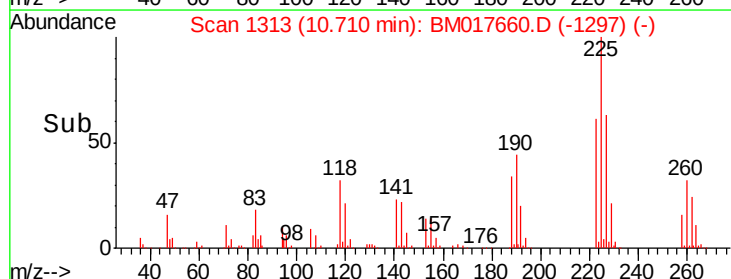
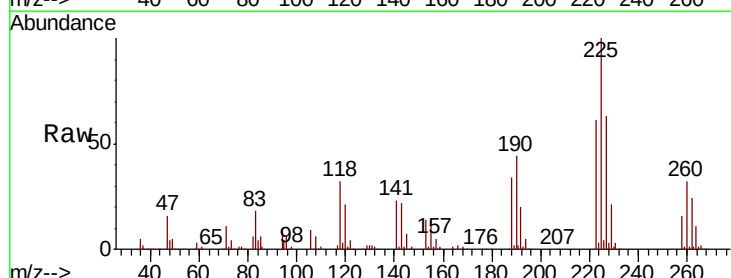
Instrument :
BNA_M
ClientSampleId :
PB114805BS

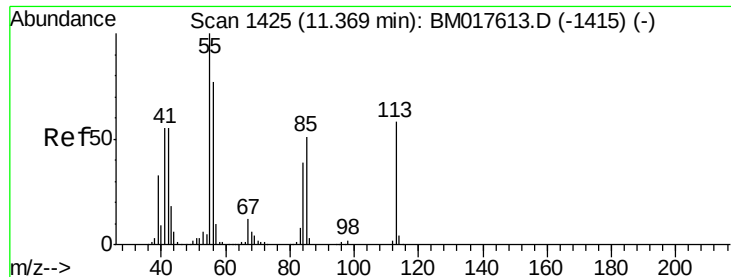
Tgt Ion:	127	Resp:	577867
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.0	37.4
65	33.5	25.8	38.8
92	20.7	15.8	23.6



#34
Hexachlorobutadiene
Concen: 41.502 ng
RT: 10.71 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion:	225	Resp:	506268
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.7	76.1
227	62.8	51.0	76.4

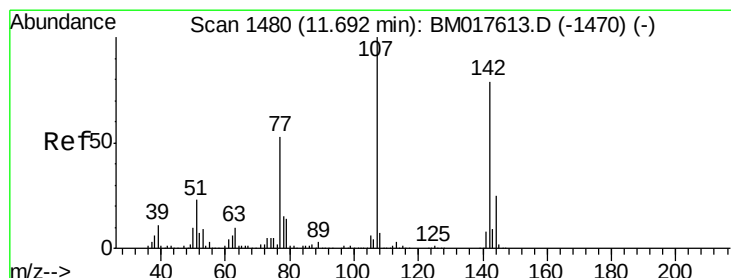
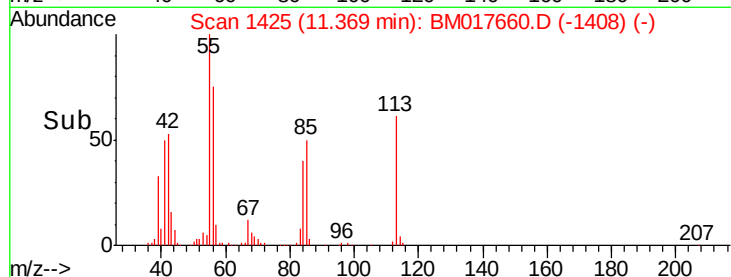
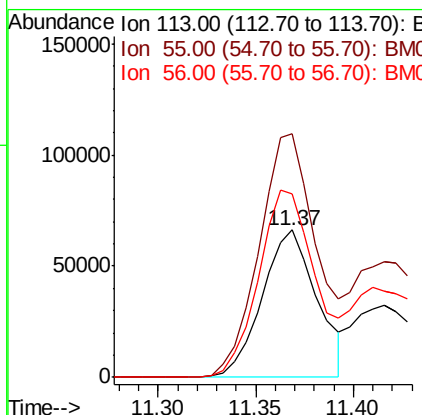
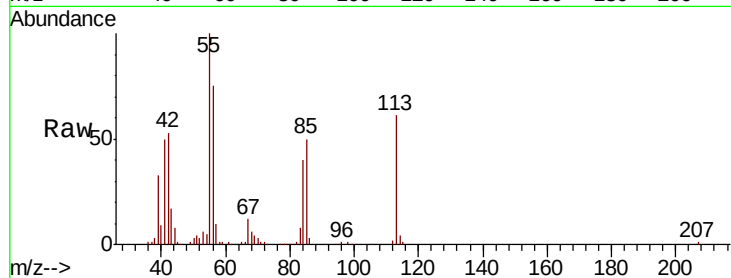




#35
 Caprolactam
 Concen: 20.747 ng
 RT: 11.37 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

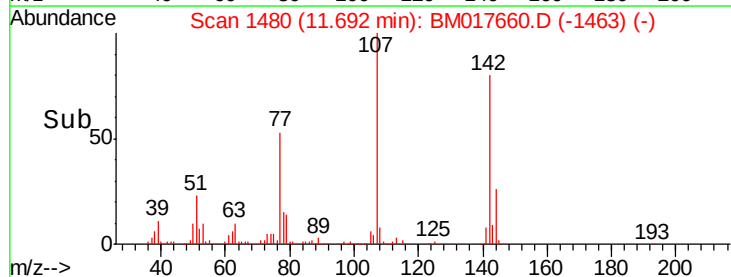
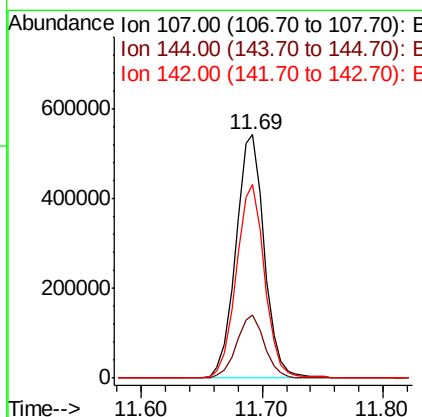
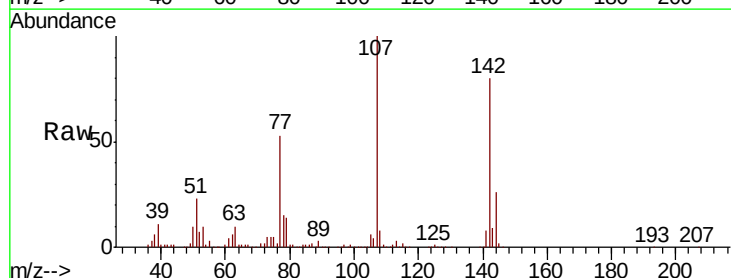
Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

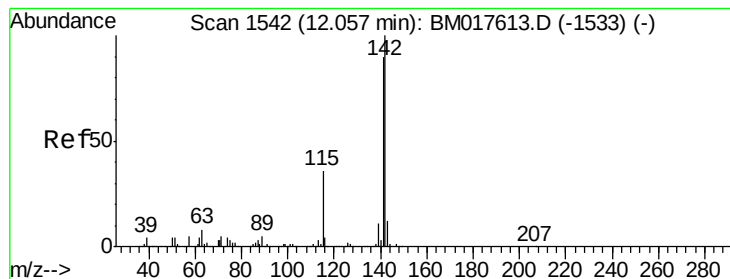
Tgt Ion:113 Resp: 129080
 Ion Ratio Lower Upper
 113 100
 55 165.1 153.1 193.1
 56 124.4 112.7 152.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.890 ng
 RT: 11.69 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion:107 Resp: 895110
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.9 29.9
 142 79.6 63.0 94.4





#37

2-Methylnaphthalene

Concen: 49.208 ng

RT: 12.05 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

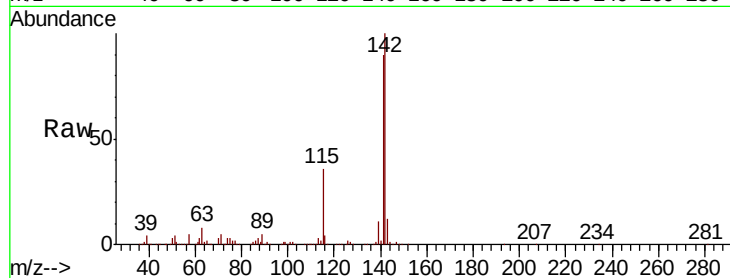
Tgt Ion:142 Resp: 1907526

Ion Ratio Lower Upper

142 100

141 89.6 72.2 108.4

115 36.2 28.5 42.7

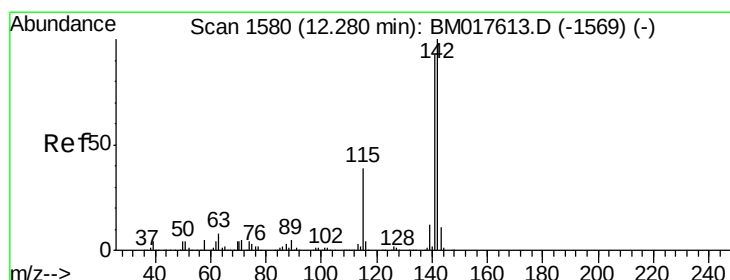
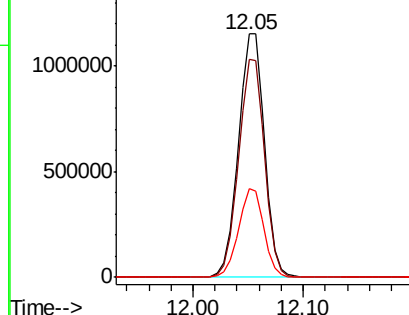
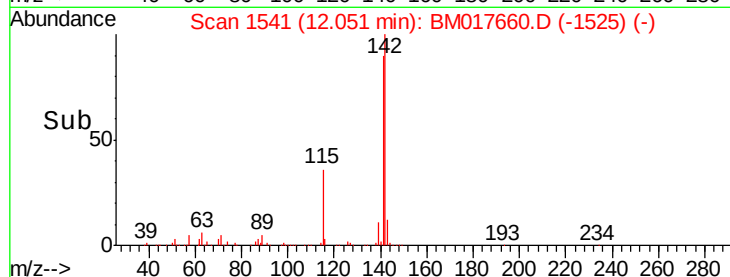


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.936 ng

RT: 12.27 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

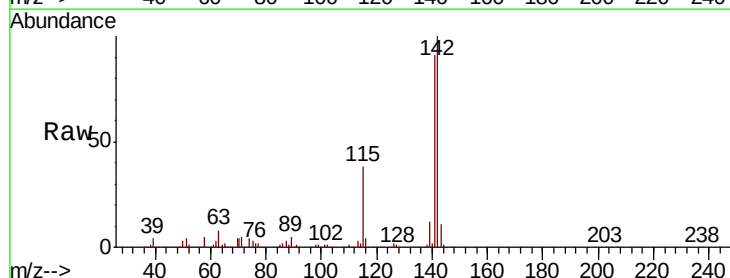
Tgt Ion:142 Resp: 1821980

Ion Ratio Lower Upper

142 100

141 91.3 74.2 111.4

116 3.8 3.1 4.7

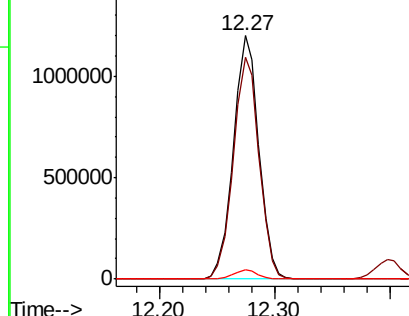
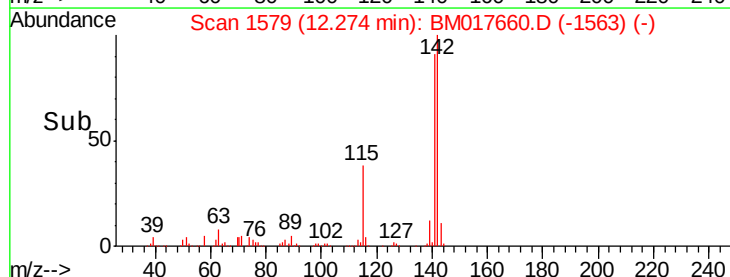


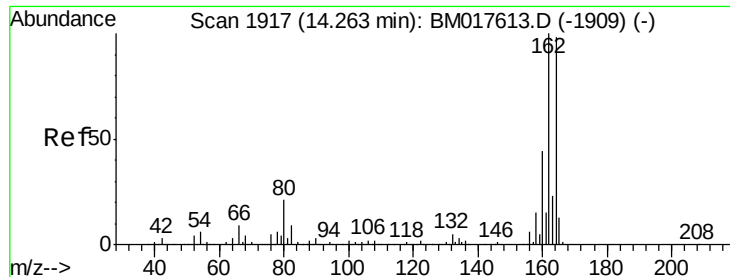
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

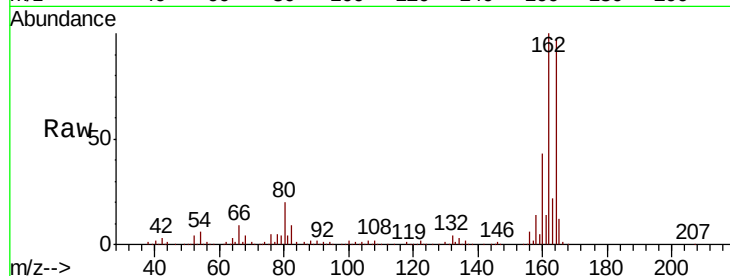
Tgt Ion:164 Resp: 648652

Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.0

160 44.1 35.6 53.4

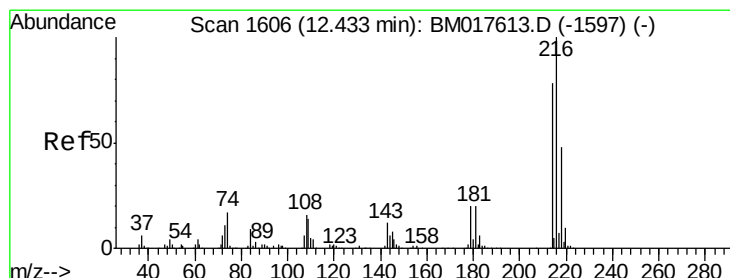
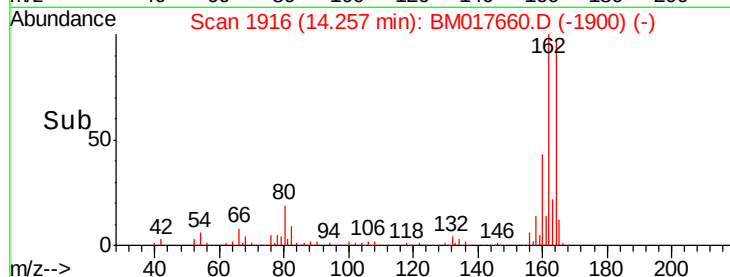
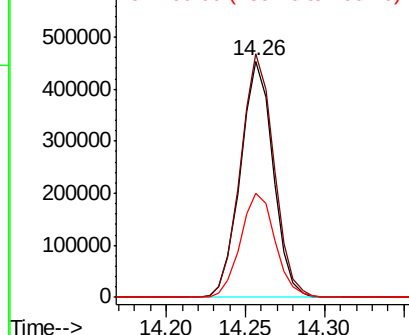


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.657 ng

RT: 12.43 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Tgt Ion:216 Resp: 975696

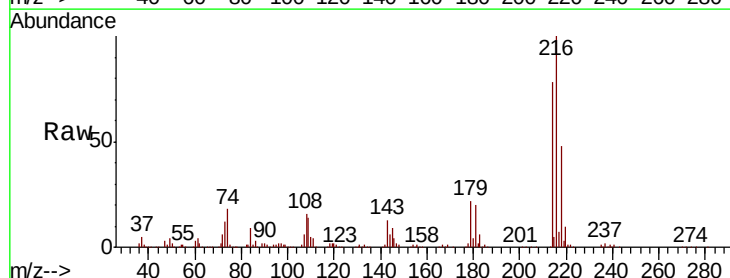
Ion Ratio Lower Upper

216 100

214 78.8 62.5 93.7

179 21.2 16.8 25.2

108 20.9 14.6 22.0



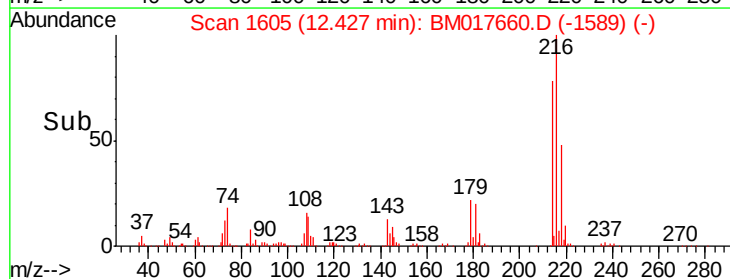
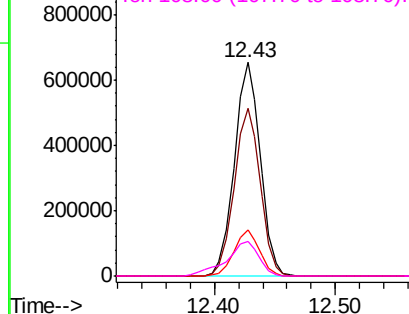
Abundance

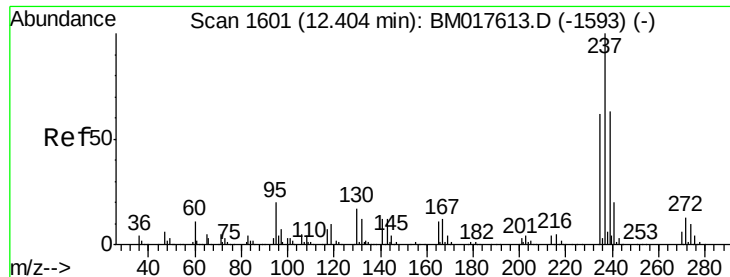
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 106.689 ng

RT: 12.40 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

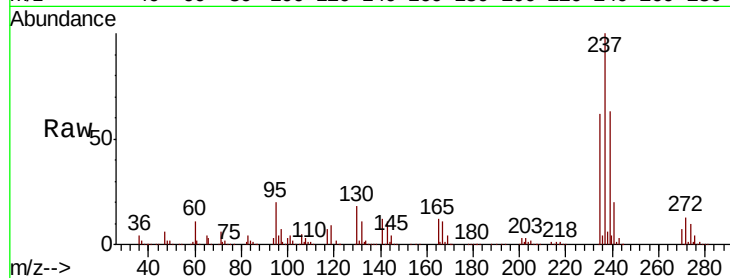
Tgt Ion:237 Resp: 1260993

Ion Ratio Lower Upper

237 100

235 62.3 42.2 82.2

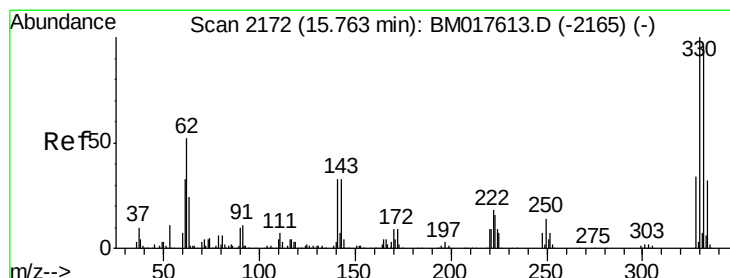
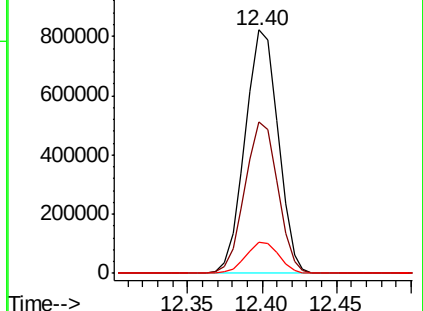
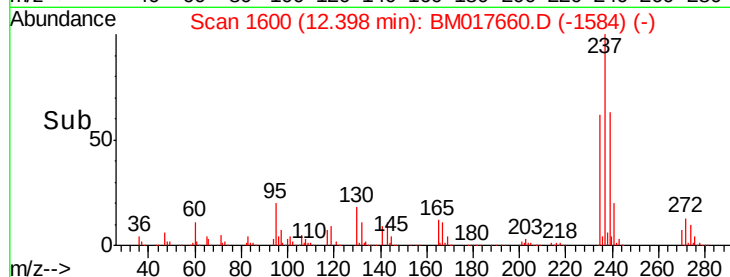
272 13.0 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 139.344 ng

RT: 15.76 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

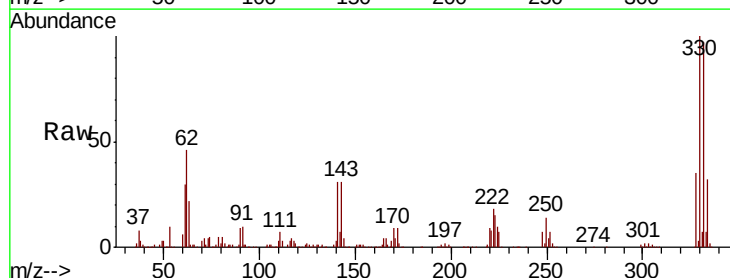
Tgt Ion:330 Resp: 1298718

Ion Ratio Lower Upper

330 100

332 96.8 77.9 116.9

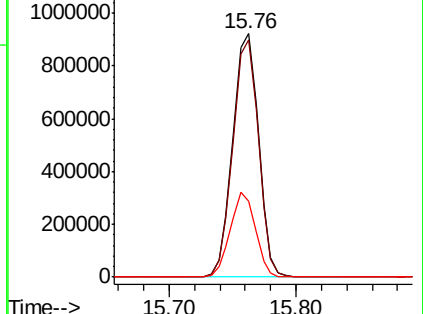
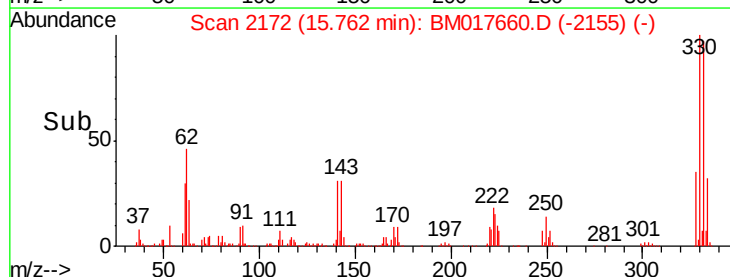
141 34.1 27.5 41.3

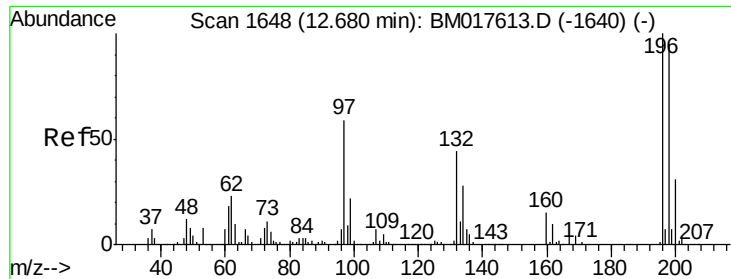


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

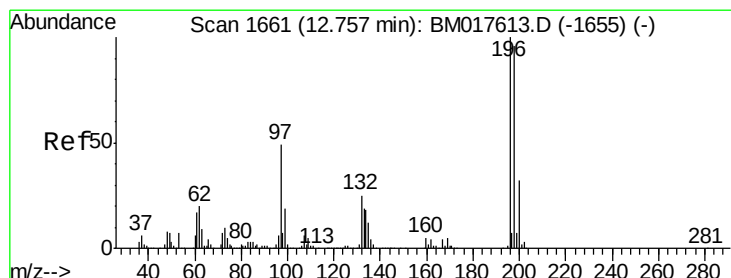
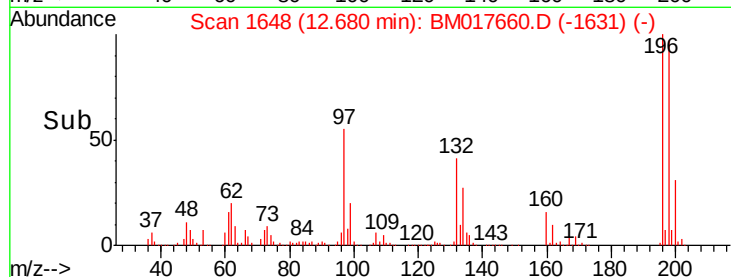
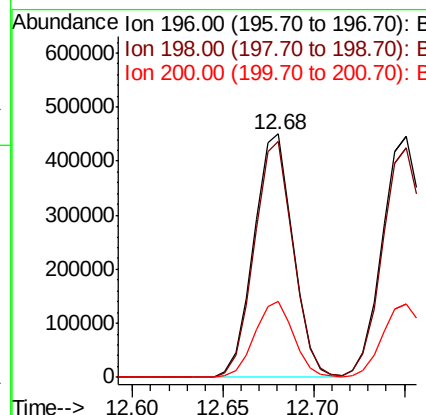
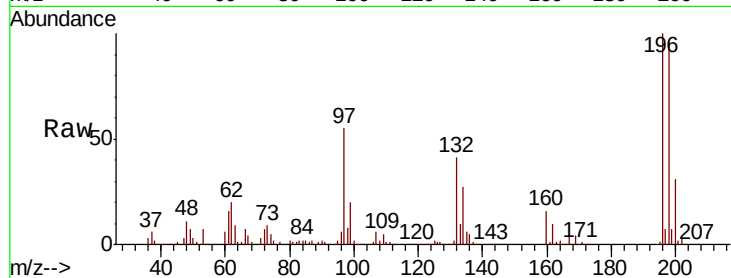




#43
 2,4,6-Trichlorophenol
 Concen: 47.438 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

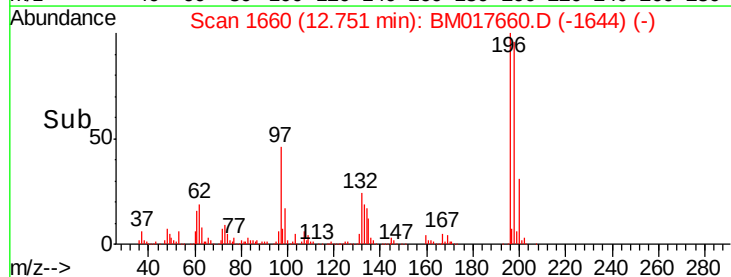
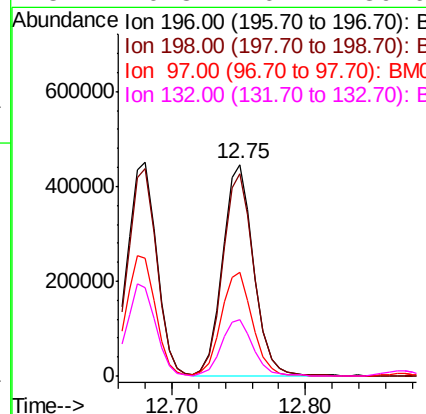
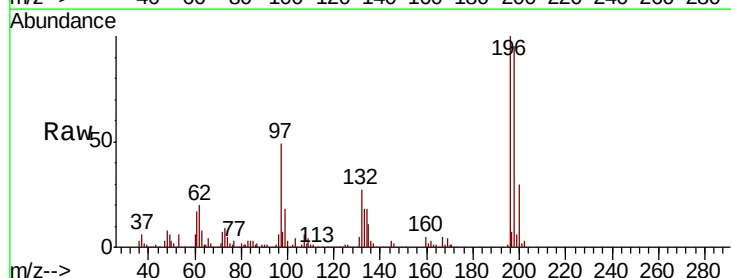
Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

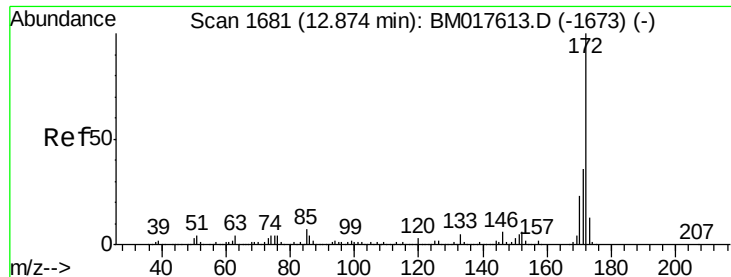
Tgt Ion:196 Resp: 679643
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.6 113.4
 200 31.0 24.8 37.2



#44
 2,4,5-Trichlorophenol
 Concen: 47.897 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion:196 Resp: 724562
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.8 115.2
 97 49.0 39.0 58.6
 132 26.8 20.4 30.6

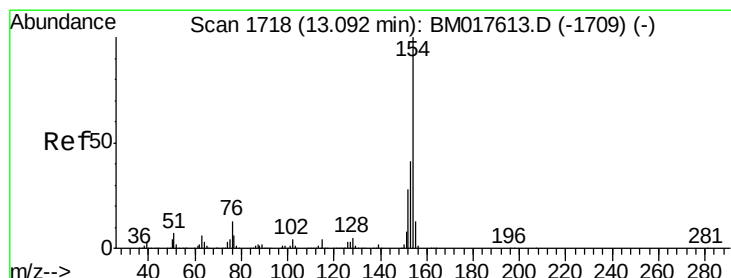
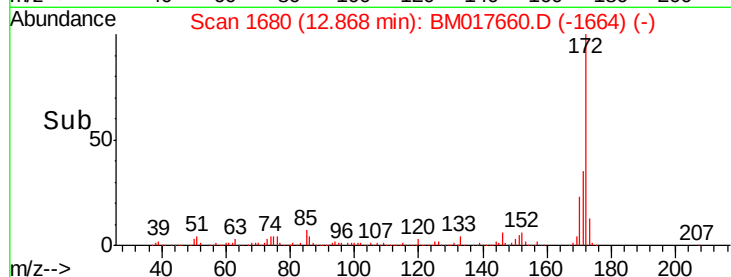
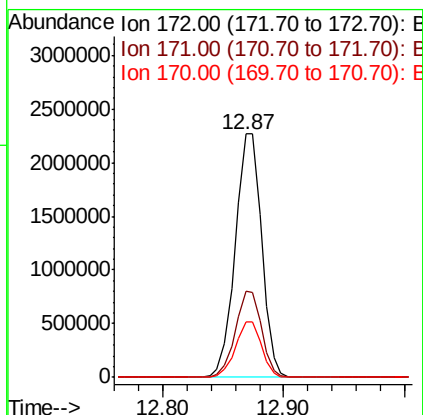
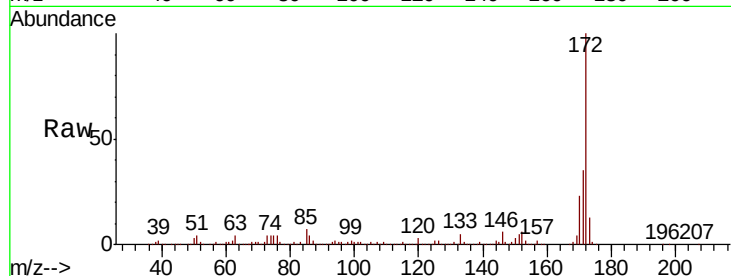




#45
2-Fluorobiphenyl
Concen: 69.184 ng
RT: 12.87 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

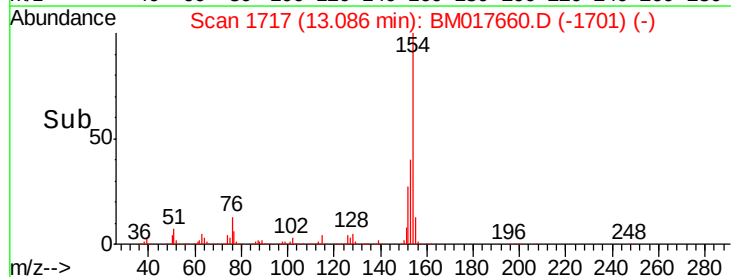
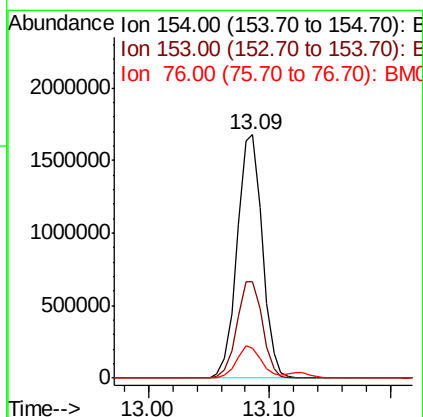
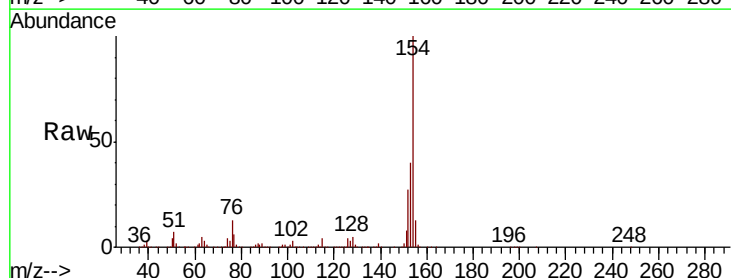
Instrument :
BNA_M
ClientSampleId :
PB114805BS

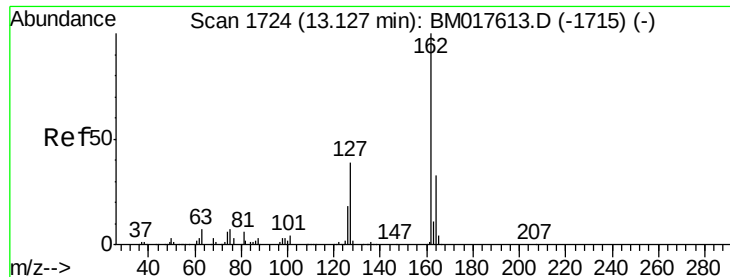
Tgt Ion:172 Resp: 3459131
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 22.8 18.3 27.5



#46
1,1'-Biphenyl
Concen: 41.825 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion:154 Resp: 2435245
Ion Ratio Lower Upper
154 100
153 39.8 20.8 60.8
76 12.5 0.0 32.8

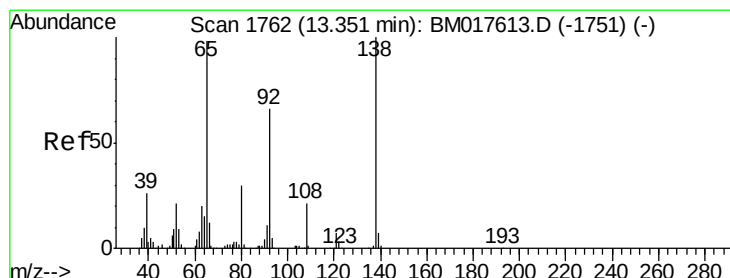
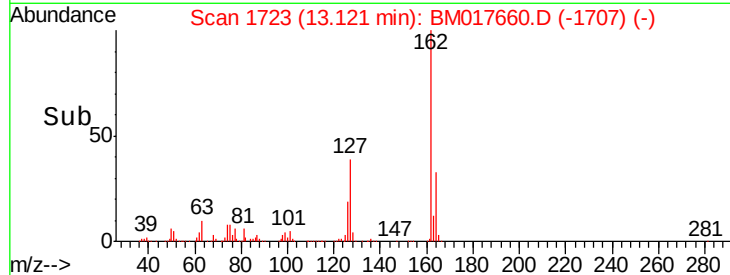
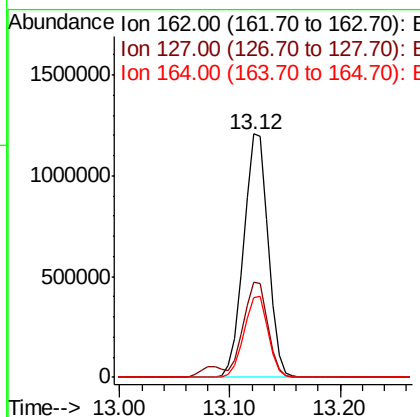
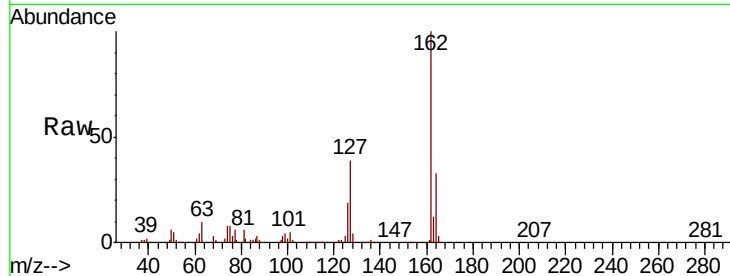




#47
 2-Chloronaphthalene
 Concen: 43.734 ng
 RT: 13.12 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

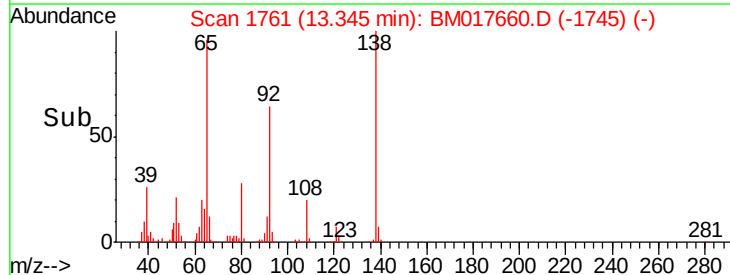
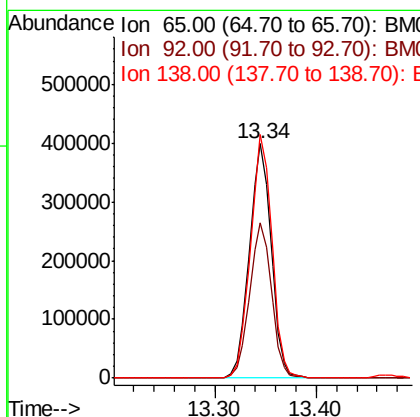
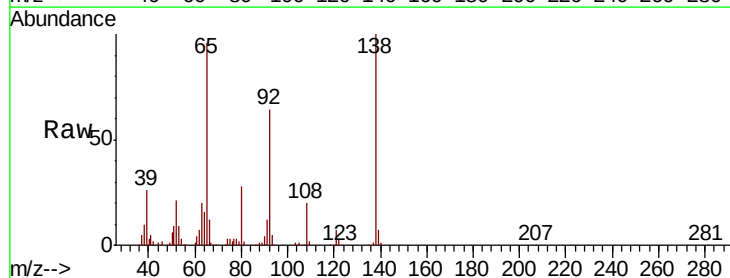
Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

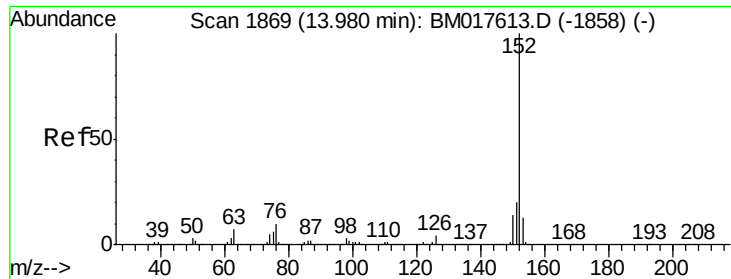
Tgt Ion: 162 Resp: 1890023
 Ion Ratio Lower Upper
 162 100
 127 38.9 32.6 48.8
 164 33.0 26.5 39.7



#48
 2-Nitroaniline
 Concen: 45.039 ng
 RT: 13.34 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion: 65 Resp: 601948
 Ion Ratio Lower Upper
 65 100
 92 66.2 53.7 80.5
 138 103.8 81.5 122.3





#49

Acenaphthylene

Concen: 47.795 ng

RT: 13.98 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

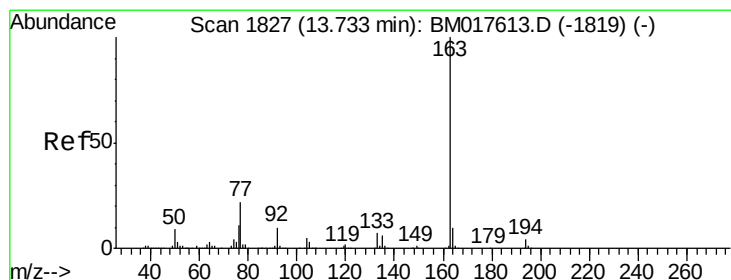
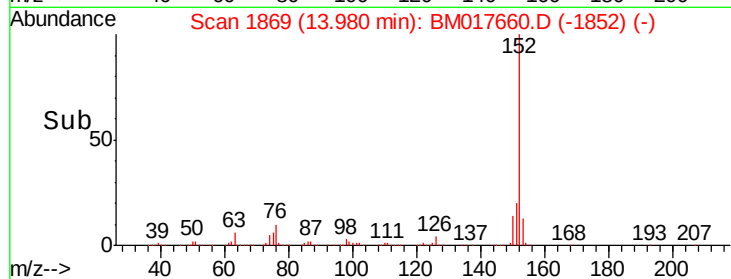
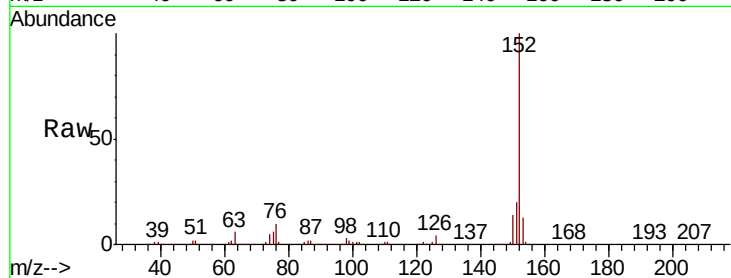
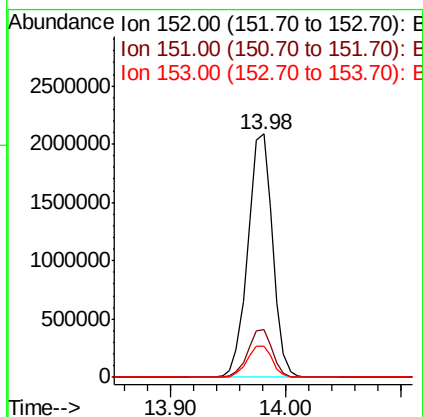
BNA_M

ClientSampleId :

PB114805BS

Tgt Ion:152 Resp: 3103365

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	12.8	10.5	15.7



#50

Dimethylphthalate

Concen: 44.979 ng

RT: 13.73 min Scan# 1827

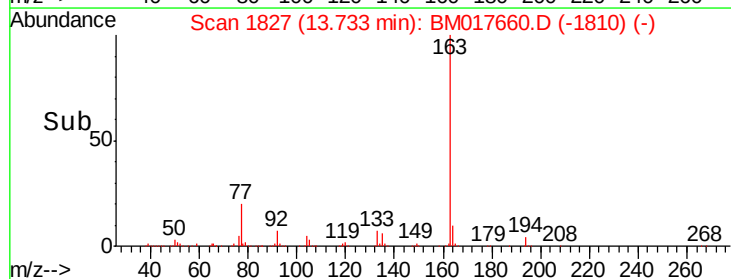
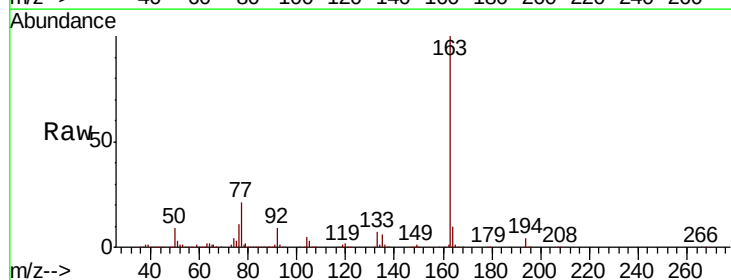
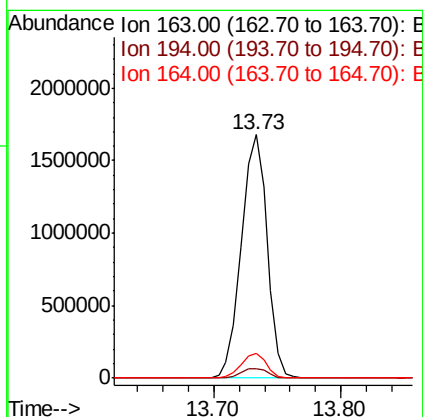
Delta R.T. -0.00 min

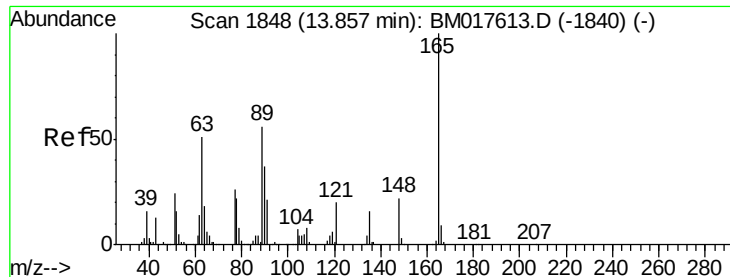
Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Tgt Ion:163 Resp: 2372113

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.1	8.2	12.4

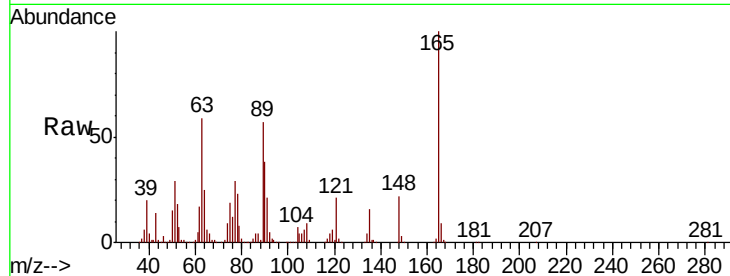




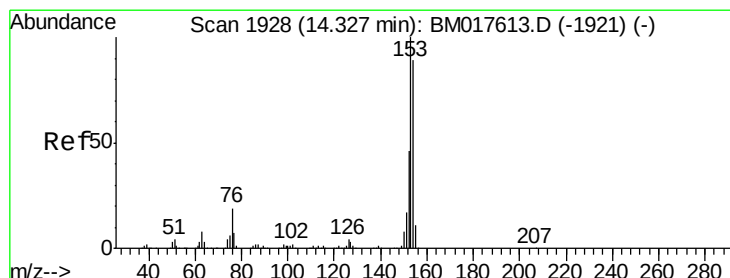
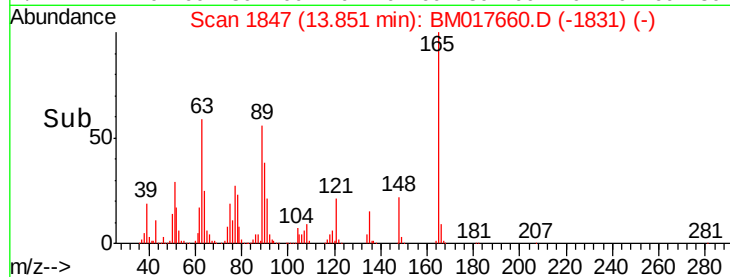
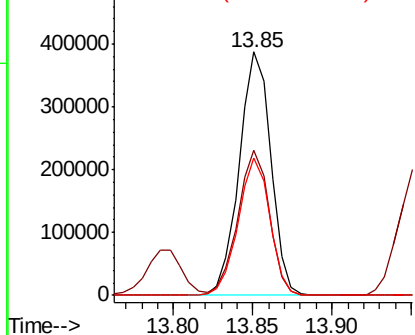
#51
2,6-Dinitrotoluene
Concen: 45.657 ng
RT: 13.85 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tgt Ion:165 Resp: 536169
Ion Ratio Lower Upper
165 100
63 59.5 47.3 70.9
89 56.5 44.8 67.2

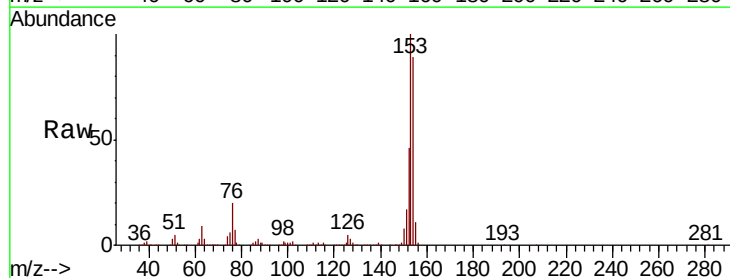


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

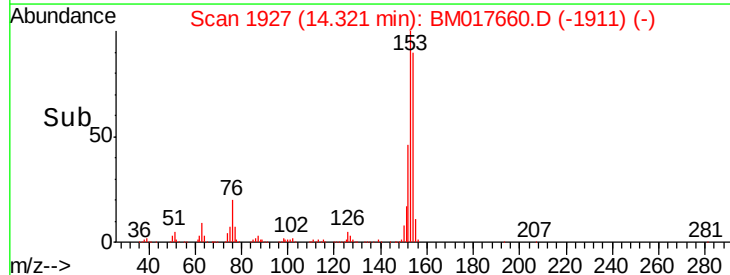
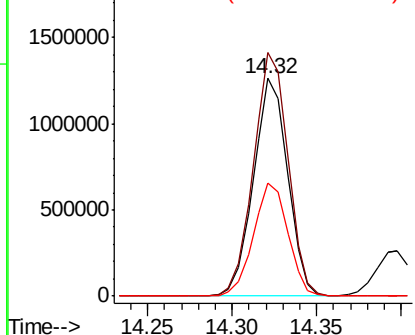


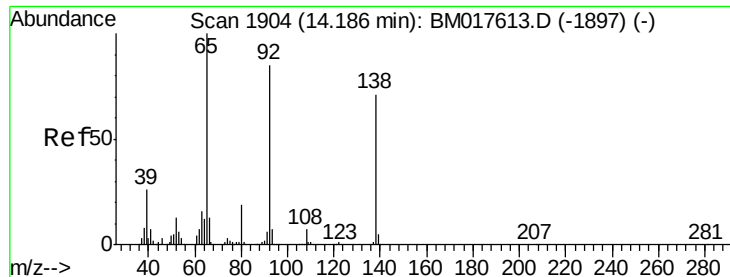
#52
Acenaphthene
Concen: 44.833 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion:154 Resp: 1786516
Ion Ratio Lower Upper
154 100
153 111.7 90.2 135.4
152 51.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

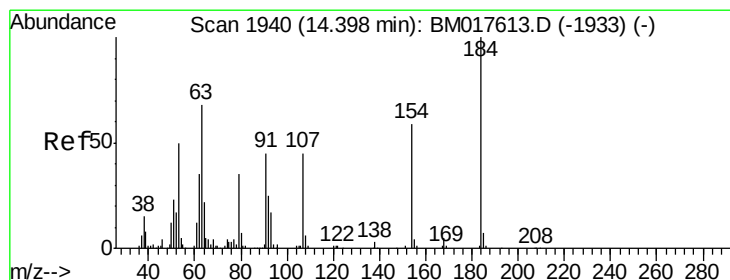
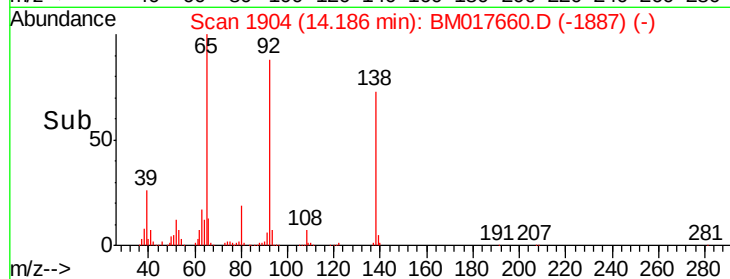
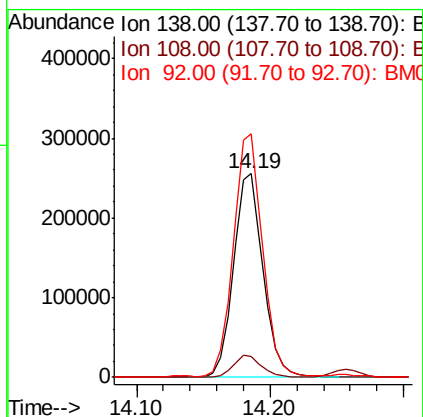
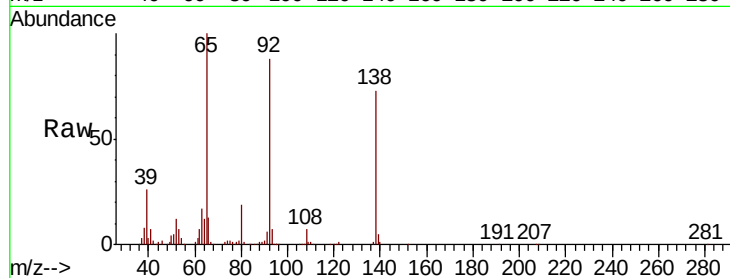




#53
3-Nitroaniline
Concen: 30.750 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

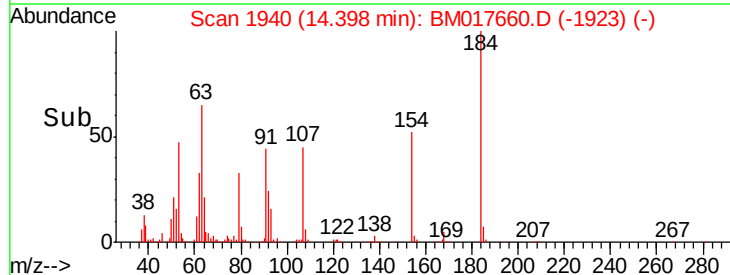
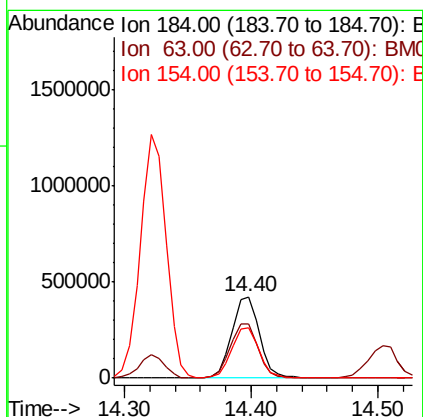
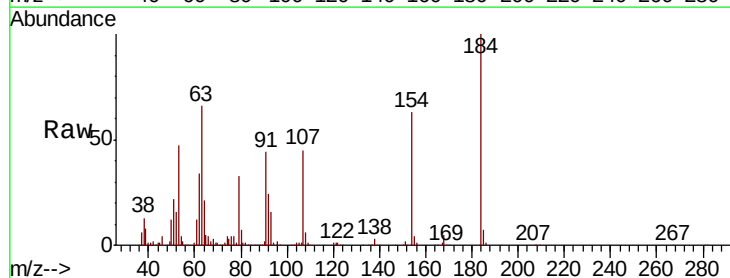
Instrument :
BNA_M
ClientSampleId :
PB114805BS

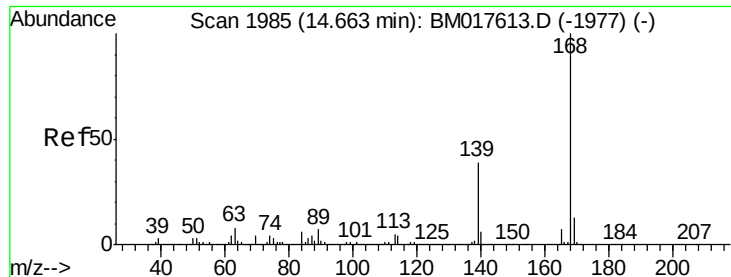
Tgt Ion:138 Resp: 393159
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 119.7 95.4 143.2



#54
2,4-Dinitrophenol
Concen: 87.962 ng
RT: 14.40 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion:184 Resp: 636223
Ion Ratio Lower Upper
184 100
63 66.3 55.1 82.7
154 62.7 51.3 76.9

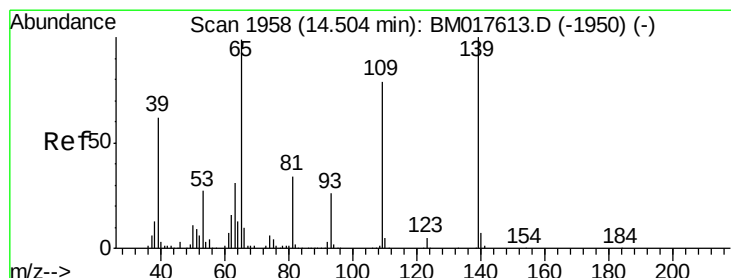
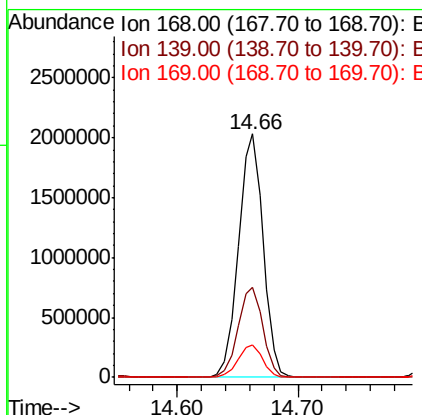
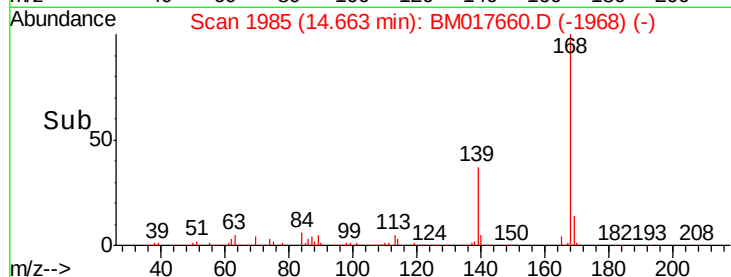
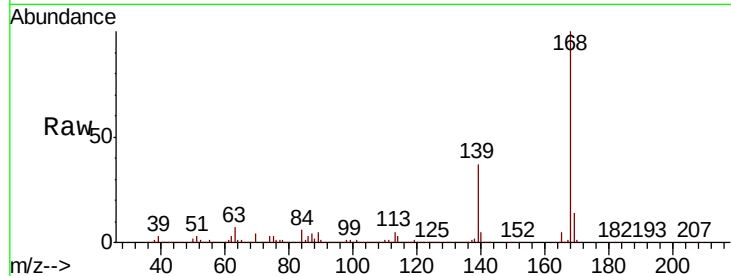




#55
Dibenzofuran
Concen: 44.178 ng
RT: 14.66 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

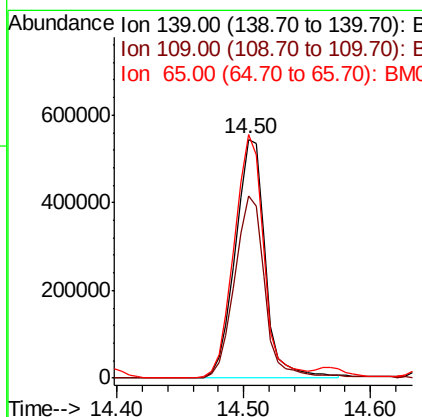
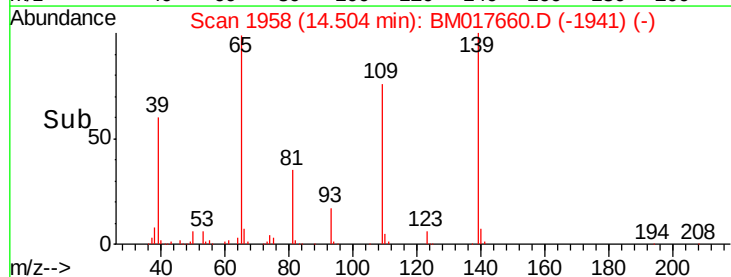
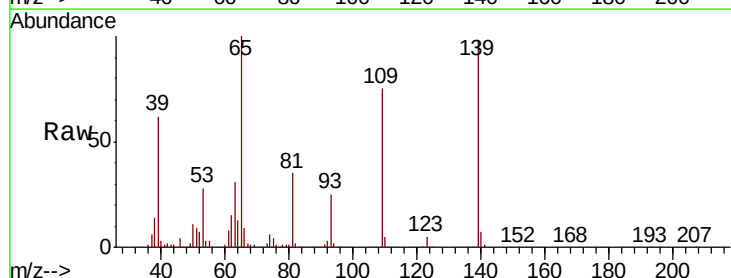
Instrument :
BNA_M
ClientSampleId :
PB114805BS

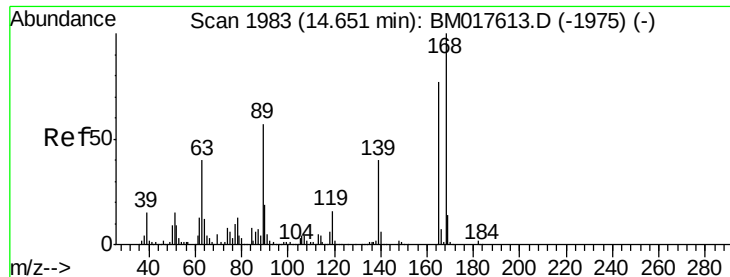
Tgt Ion:168 Resp: 2876834
Ion Ratio Lower Upper
168 100
139 37.1 31.0 46.6
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 82.655 ng
RT: 14.50 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion:139 Resp: 890174
Ion Ratio Lower Upper
139 100
109 76.1 58.6 98.6
65 101.9 79.5 119.5

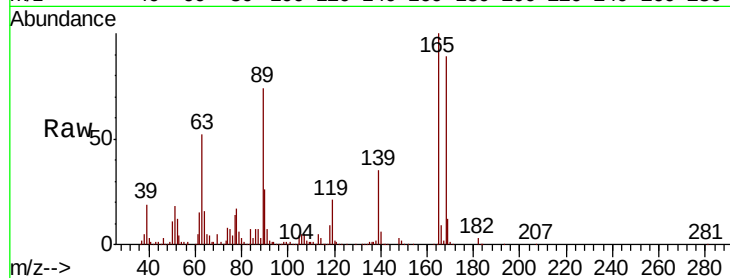




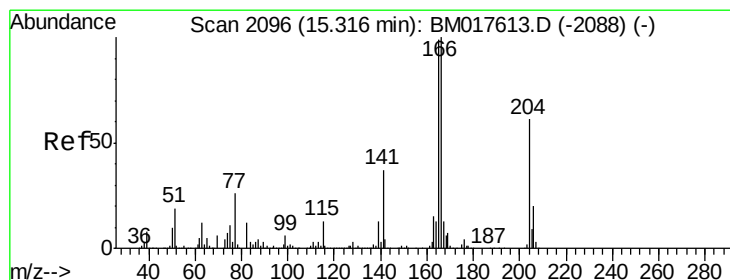
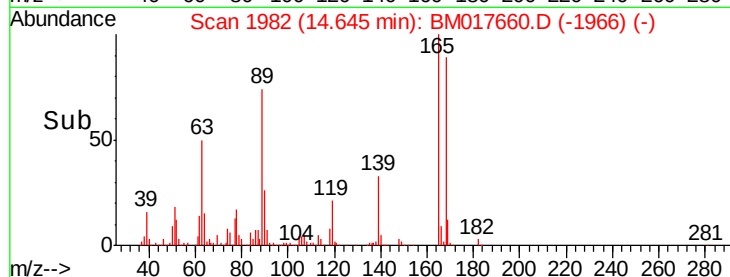
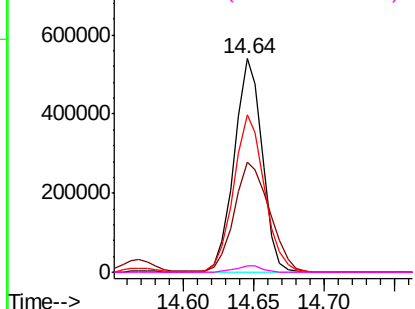
#57
 2,4-Dinitrotoluene
 Concen: 47.090 ng
 RT: 14.64 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

Tgt Ion:165 Resp: 745427
 Ion Ratio Lower Upper
 165 100
 63 51.6 41.8 62.8
 89 73.8 59.5 89.3
 182 3.0 2.3 3.5

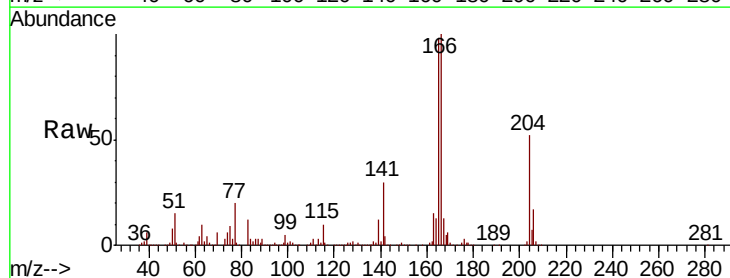


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

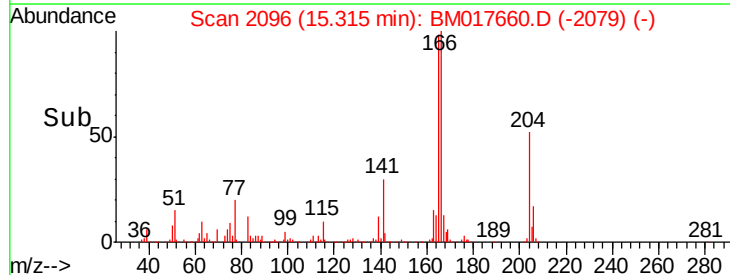
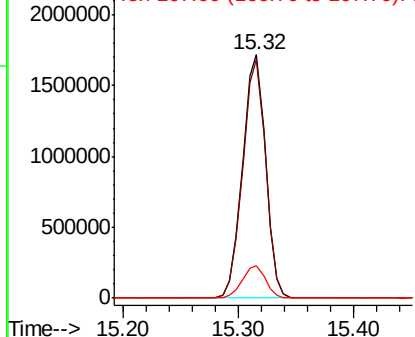


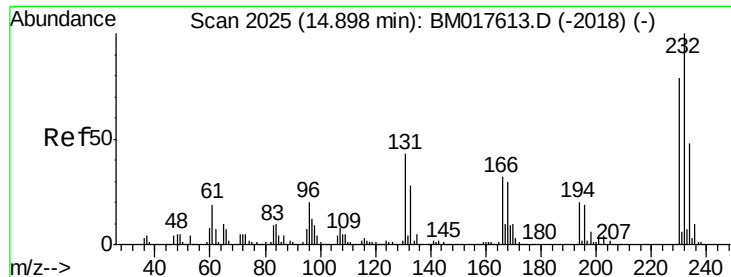
#58
 Fluorene
 Concen: 47.697 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion:166 Resp: 2377819
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.0 118.6
 167 13.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

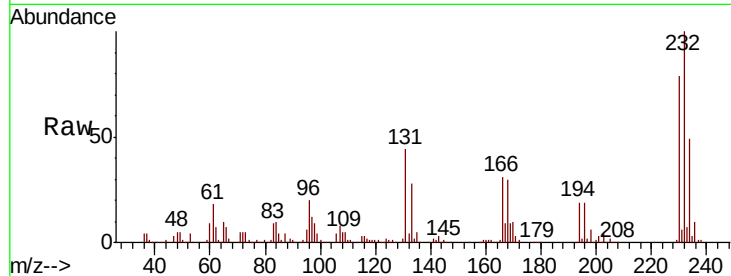




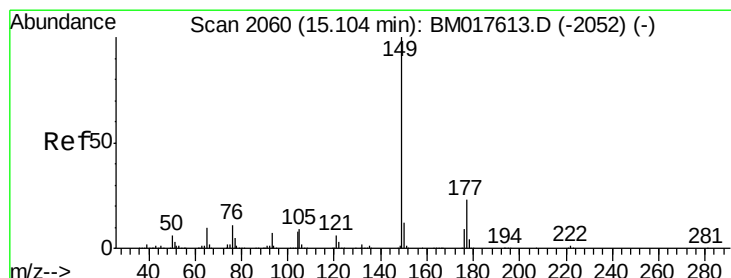
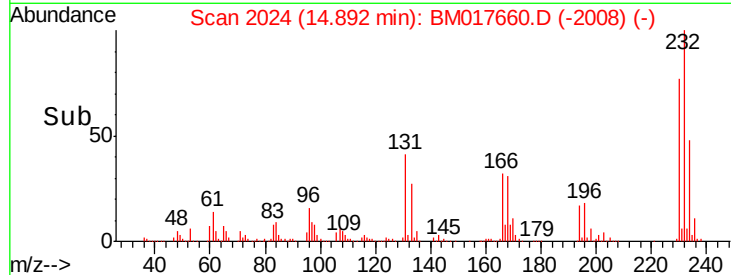
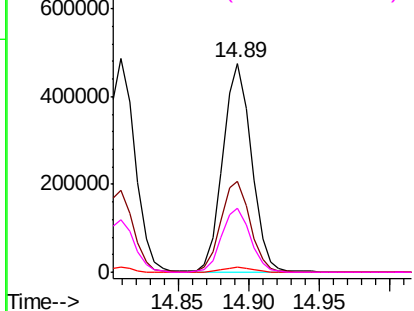
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.121 ng
 RT: 14.89 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

Tgt Ion:	232	Resp:	669546
Ion	Ratio	Lower	Upper
232	100		
131	44.4	34.8	52.2
130	2.4	1.9	2.9
166	31.2	25.3	37.9

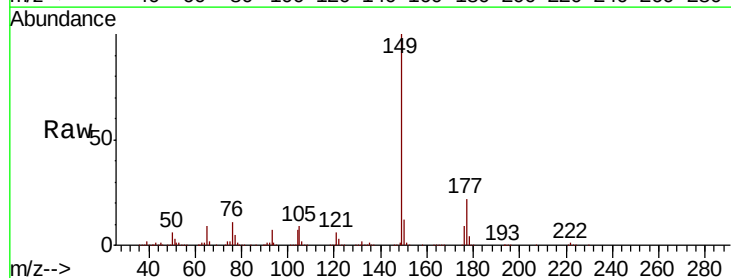


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

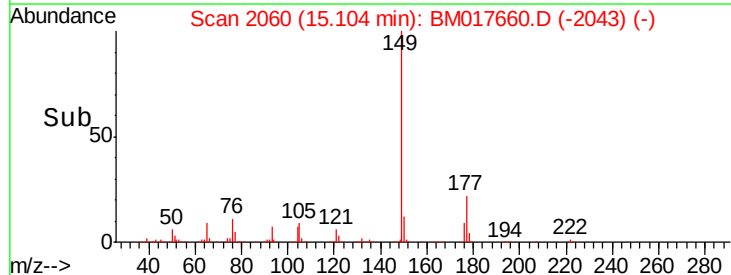
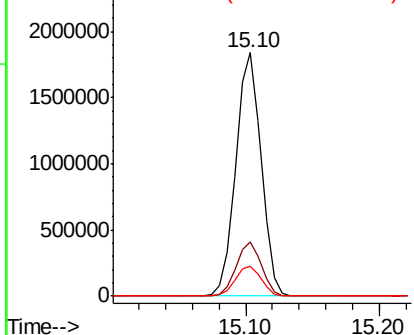


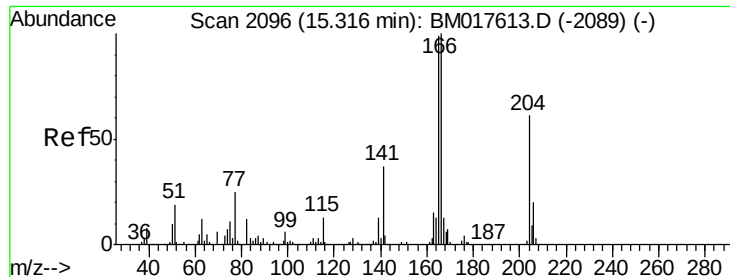
#60
 Diethylphthalate
 Concen: 42.482 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion:	149	Resp:	2420701
Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.1	27.1
150	12.2	9.9	14.9



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

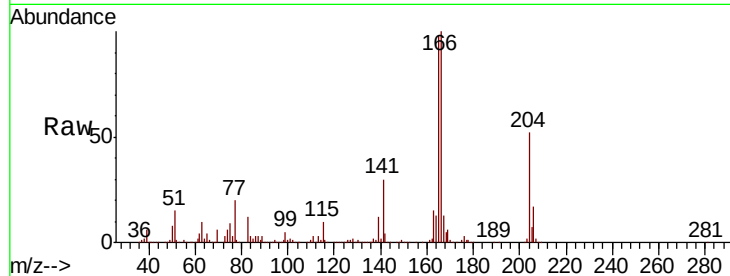




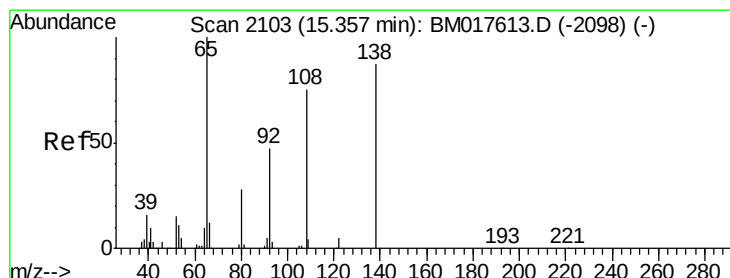
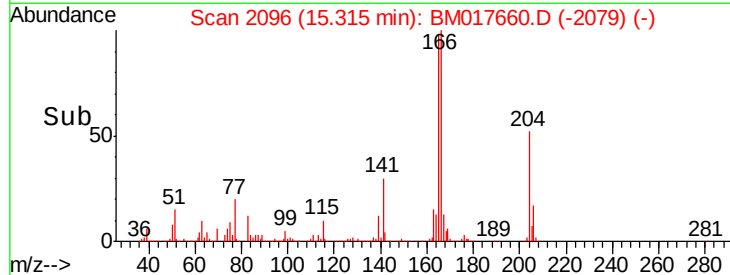
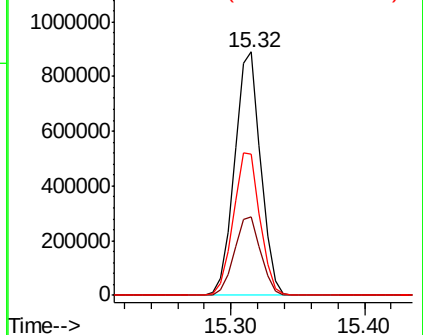
#61
 4-Chlorophenyl-phenylether
 Concen: 42.487 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

Tgt Ion:204 Resp: 1203389
 Ion Ratio Lower Upper
 204 100
 206 32.3 25.9 38.9
 141 57.8 47.9 71.9

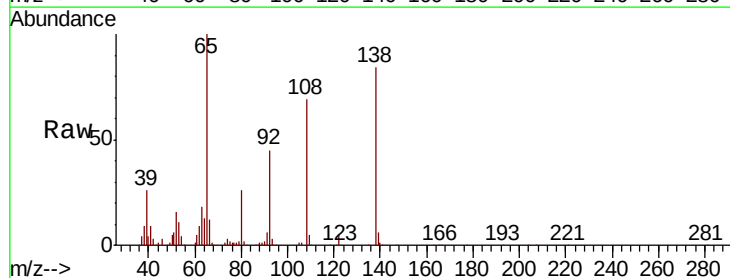


Abundance Ion 204.00 (203.70 to 204.70): E
 1200000
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

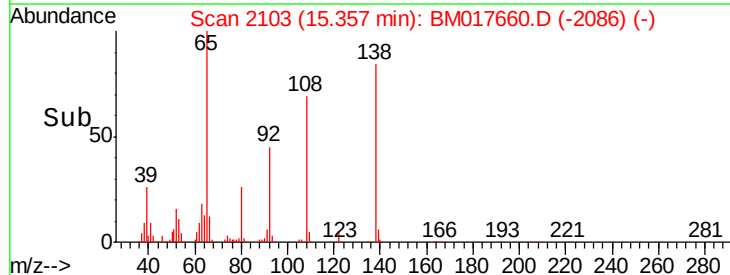
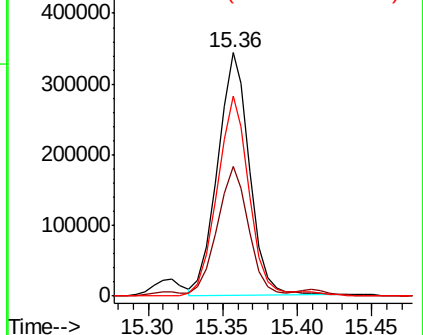


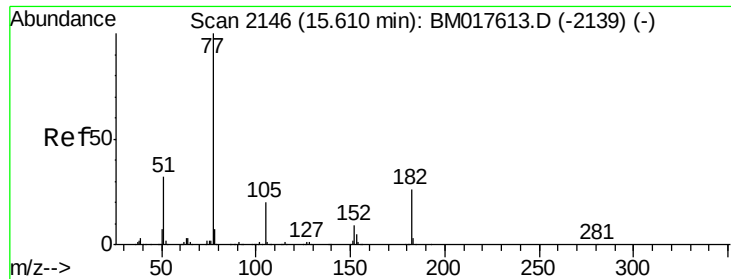
#62
 4-Nitroaniline
 Concen: 42.608 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion:138 Resp: 513410
 Ion Ratio Lower Upper
 138 100
 92 53.4 33.4 73.4
 108 82.1 64.3 104.3



Abundance Ion 138.00 (137.70 to 138.70): E
 400000
 Ion 92.00 (91.70 to 92.70): BM
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.156 ng

RT: 15.61 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

Tgt Ion: 77 Resp: 2325975

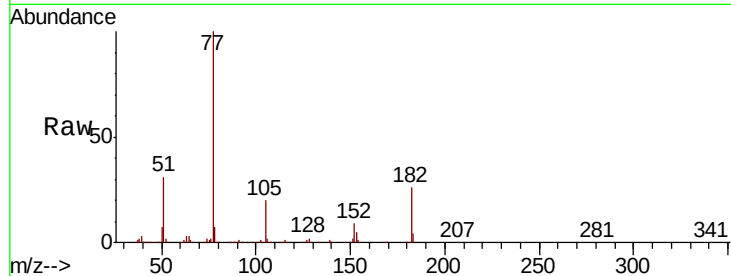
Ion Ratio Lower Upper

77 100

182 26.3 5.8 45.8

105 19.9 0.0 40.0

51 31.1 12.5 52.5

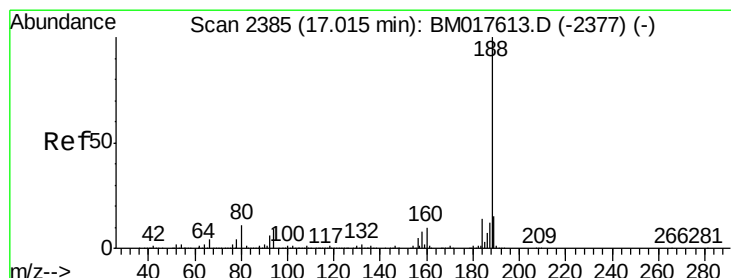
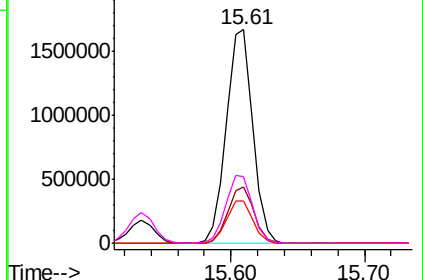
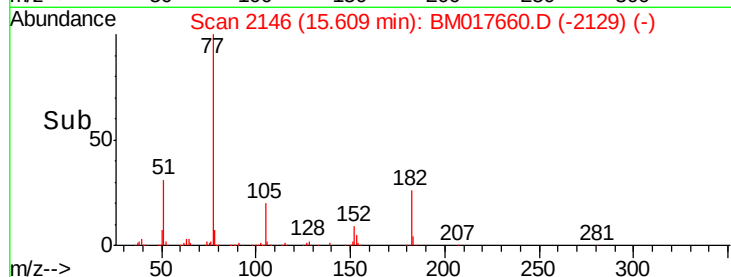


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.01 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

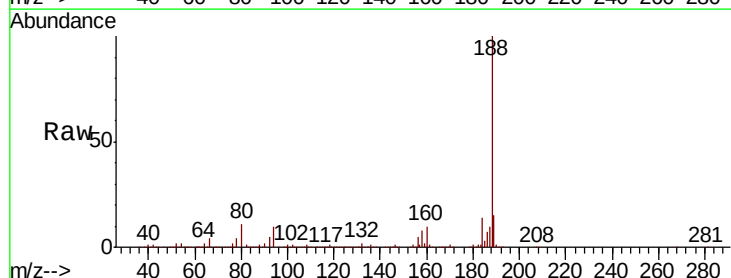
Tgt Ion: 188 Resp: 1439202

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

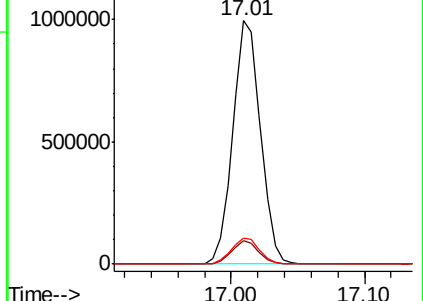
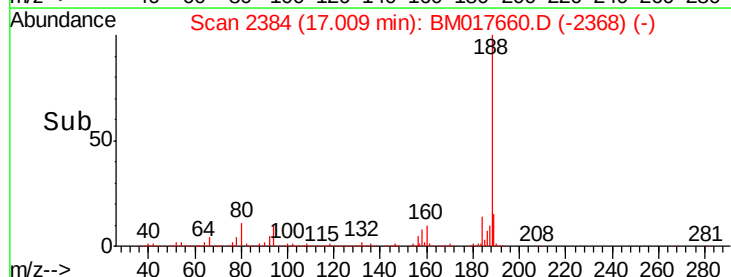
80 10.8 8.6 13.0

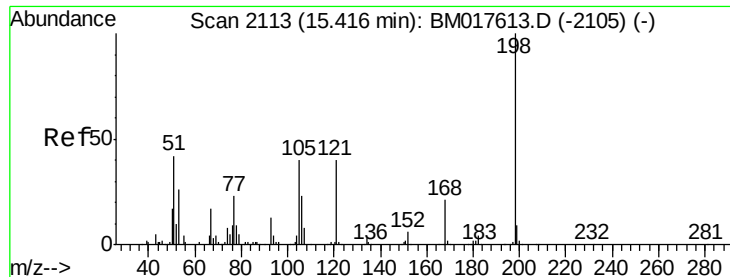


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

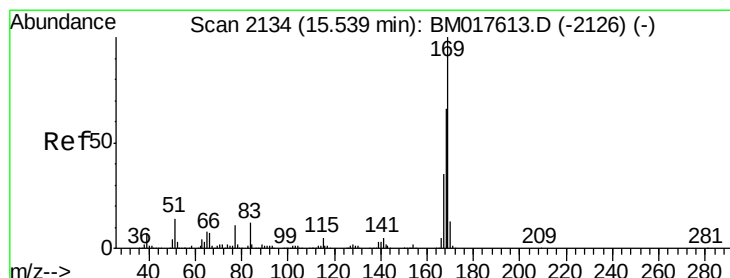
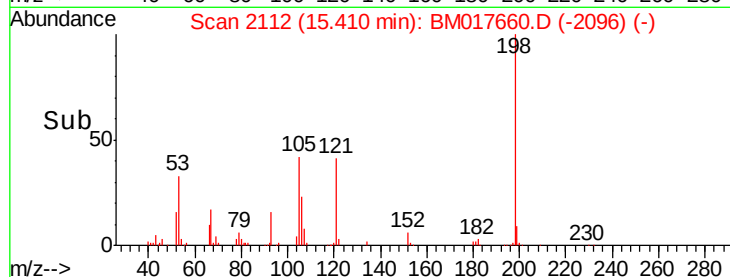
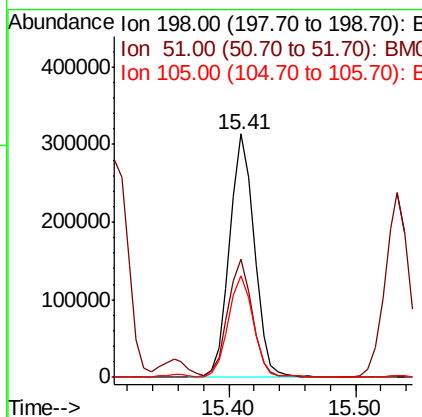
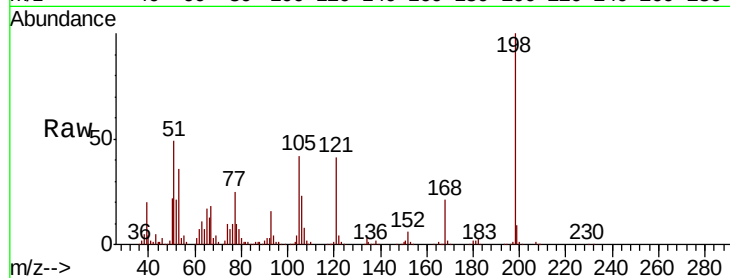




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.482 ng
 RT: 15.41 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

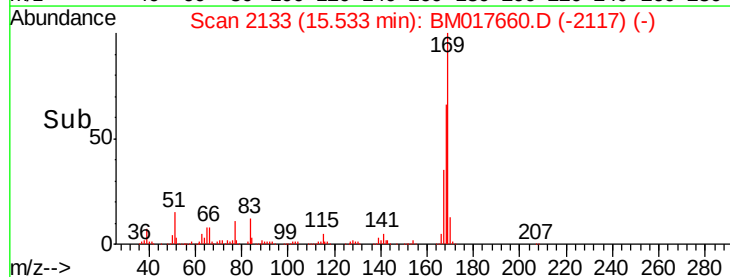
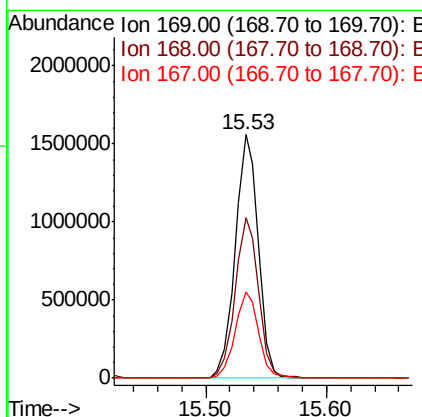
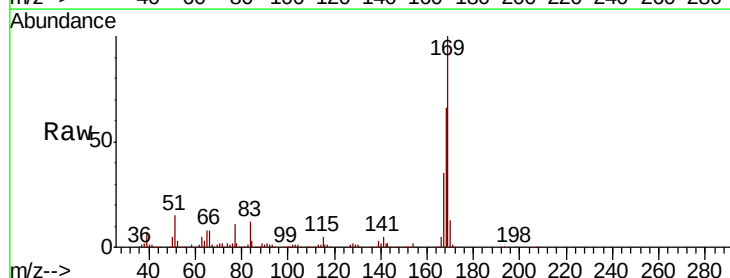
Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

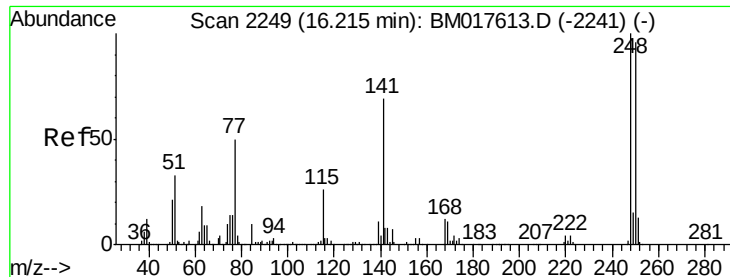
Tgt Ion	Ratio	Lower	Upper
198	100		
51	48.6	25.9	65.9
105	41.7	20.6	60.6



#66
 n-Nitrosodiphenylamine
 Concen: 44.582 ng
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.0	79.6
167	35.3	28.0	42.0

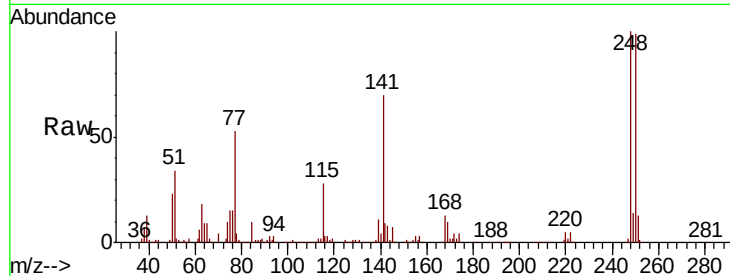




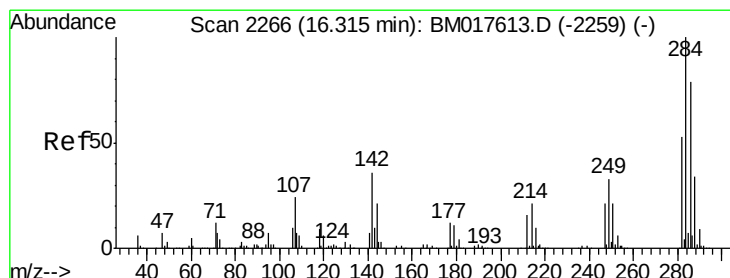
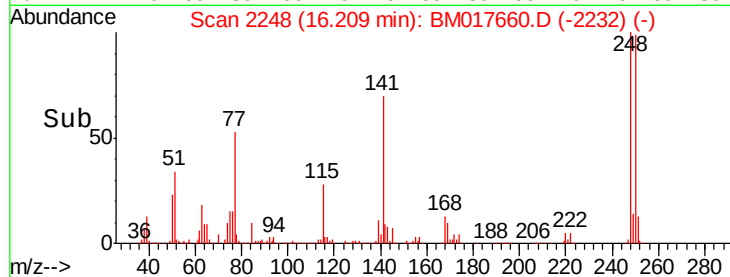
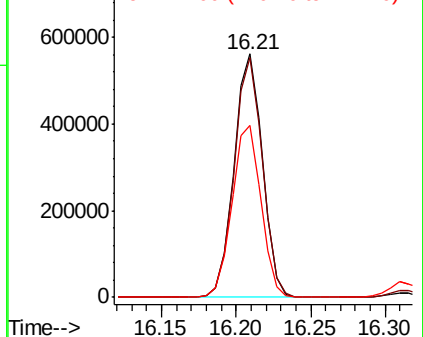
#67
4-Bromophenyl-phenylether
Concen: 43.802 ng
RT: 16.21 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tgt Ion:248 Resp: 745575
Ion Ratio Lower Upper
248 100
250 98.7 76.5 114.7
141 70.4 54.9 82.3

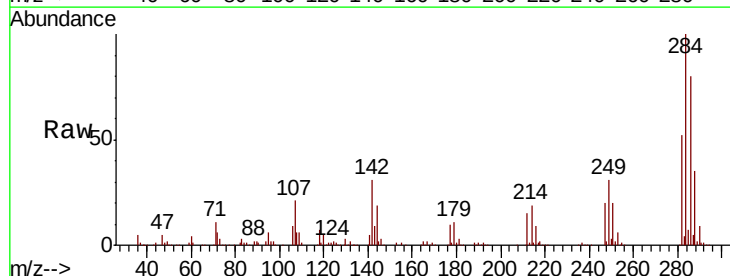


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

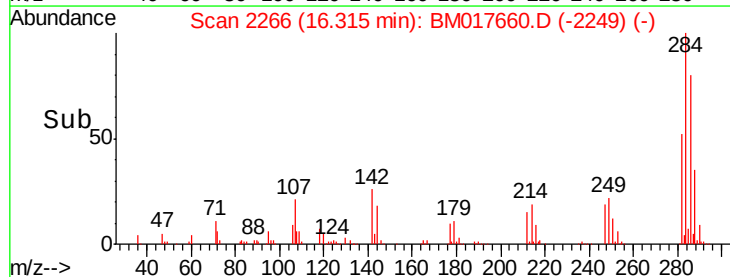
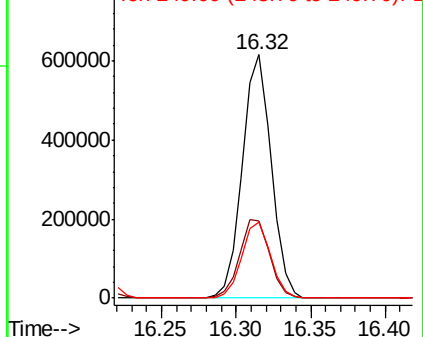


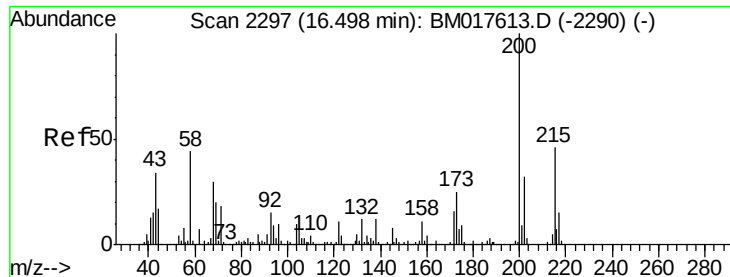
#68
Hexachlorobenzene
Concen: 43.046 ng
RT: 16.32 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion:284 Resp: 825996
Ion Ratio Lower Upper
284 100
142 31.5 28.4 42.6
249 31.0 26.4 39.6



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





#69

Atrazine

Concen: 44.146 ng

RT: 16.50 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampled :

PB114805BS

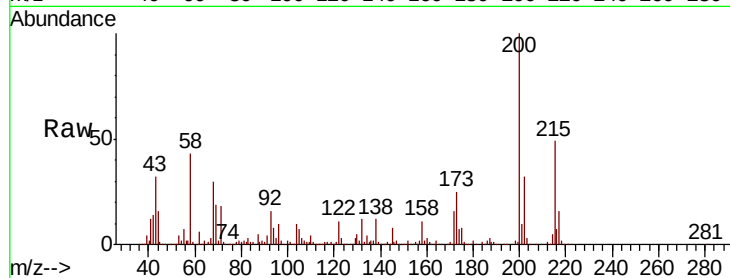
Tgt Ion:200 Resp: 751322

Ion Ratio Lower Upper

200 100

173 25.5 5.1 45.1

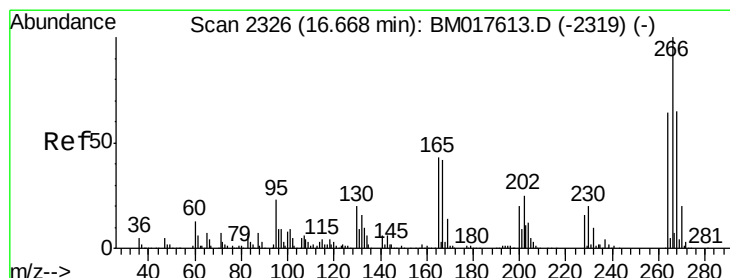
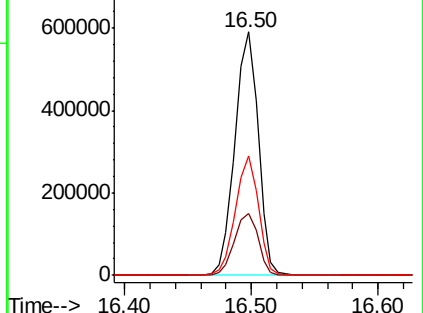
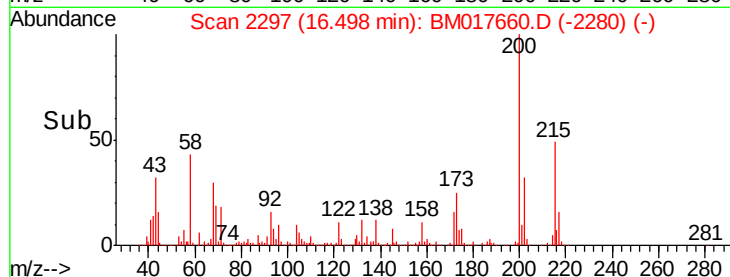
215 49.1 25.8 65.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.210 ng

RT: 16.67 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

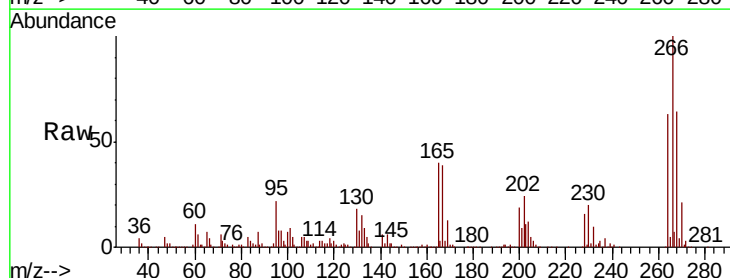
Tgt Ion:266 Resp: 1038087

Ion Ratio Lower Upper

266 100

268 64.4 51.7 77.5

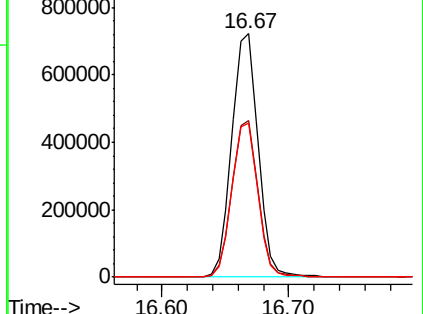
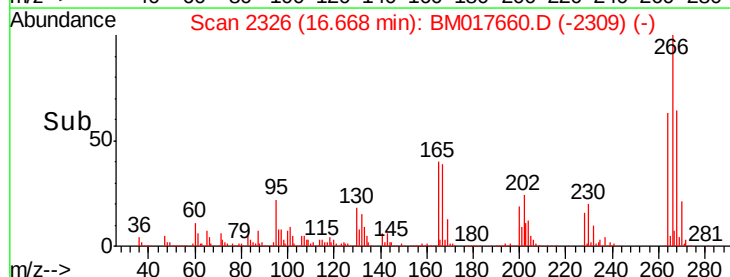
264 63.3 51.3 76.9

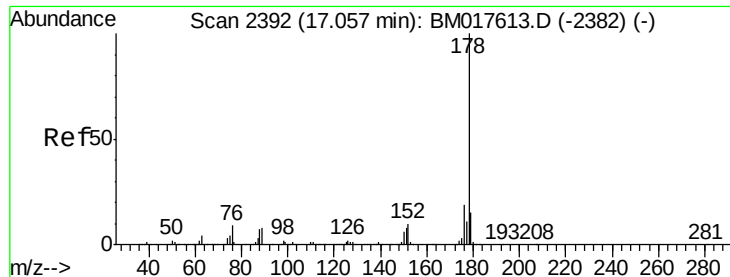


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

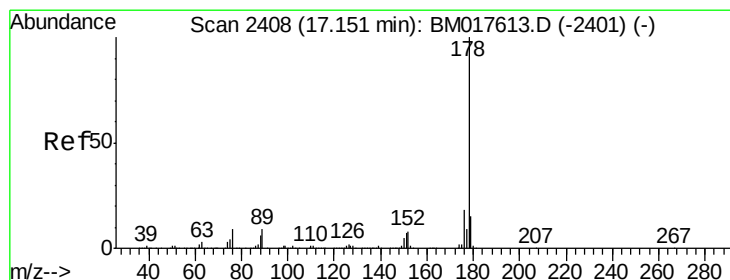
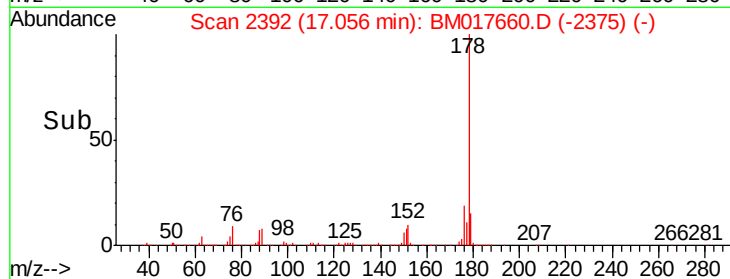
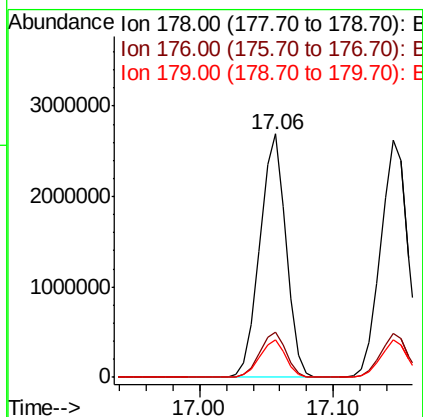
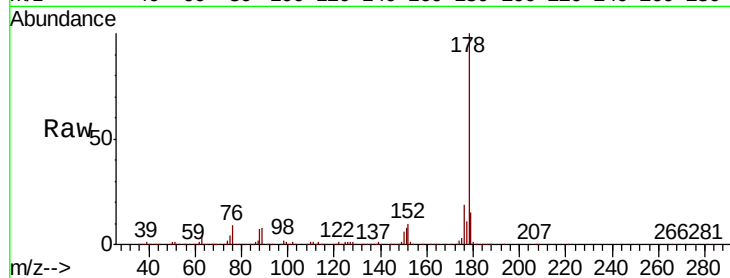




#71
Phenanthrene
Concen: 46.570 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

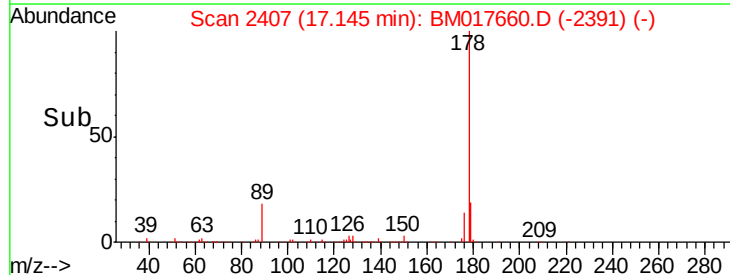
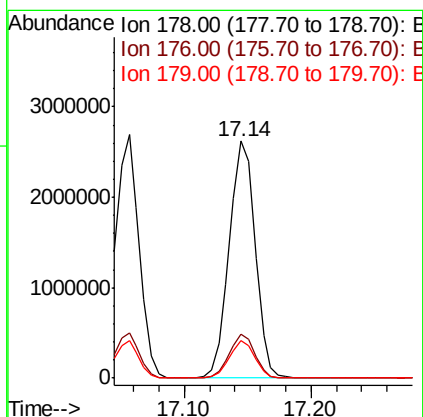
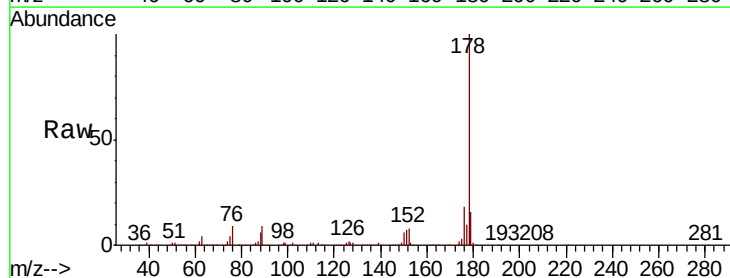
Instrument :
BNA_M
ClientSampleId :
PB114805BS

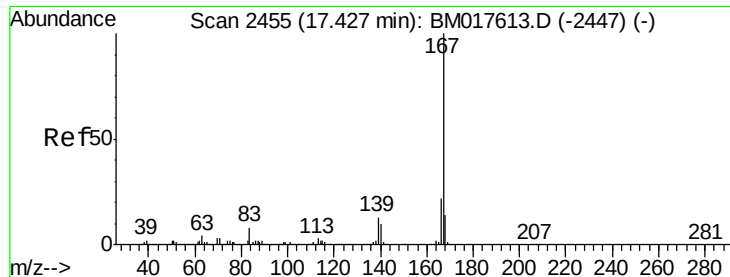
Tgt Ion:178 Resp: 3636853
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.5 12.4 18.6



#72
Anthracene
Concen: 48.654 ng
RT: 17.14 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion:178 Resp: 3697342
Ion Ratio Lower Upper
178 100
176 18.4 14.5 21.7
179 15.6 12.3 18.5

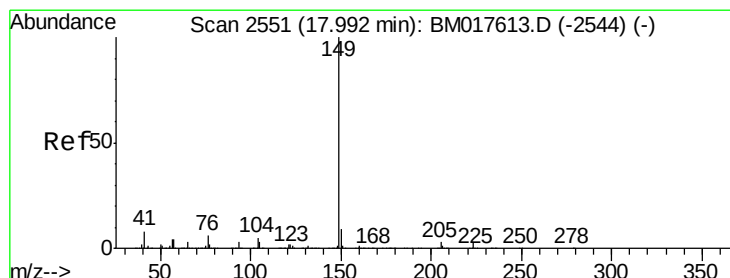
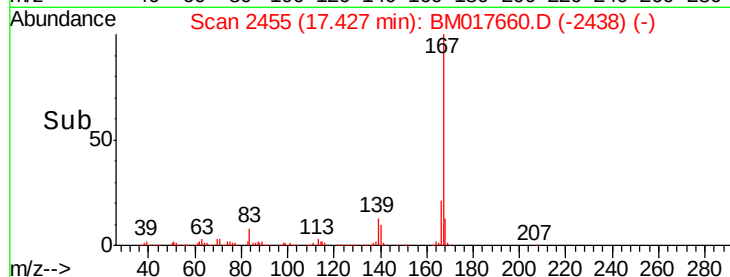
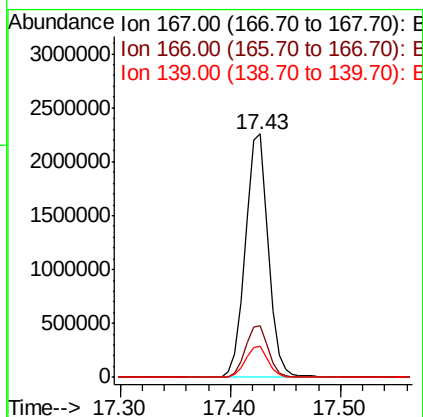
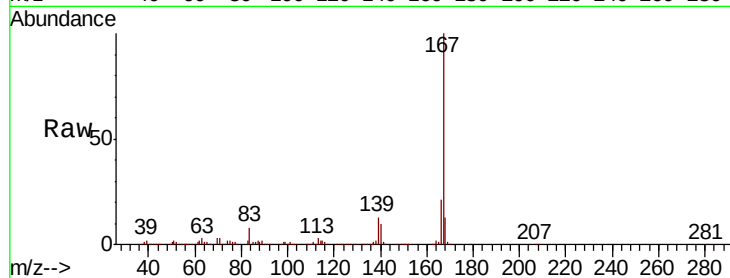




#73
 Carbazole
 Concen: 42.935 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

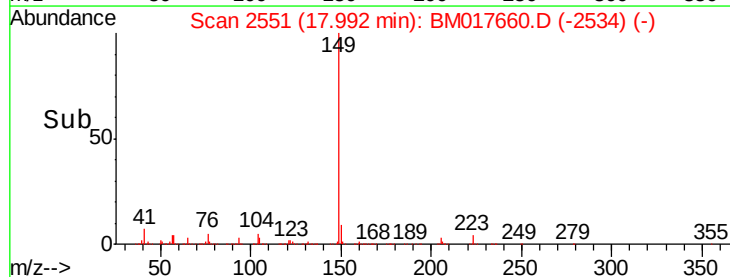
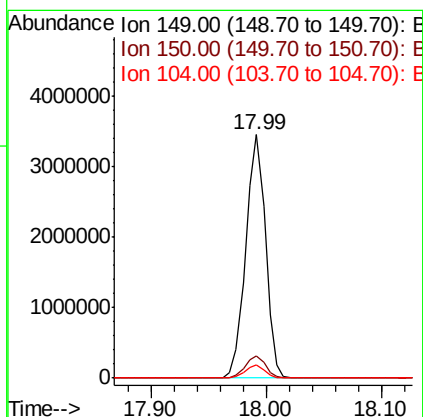
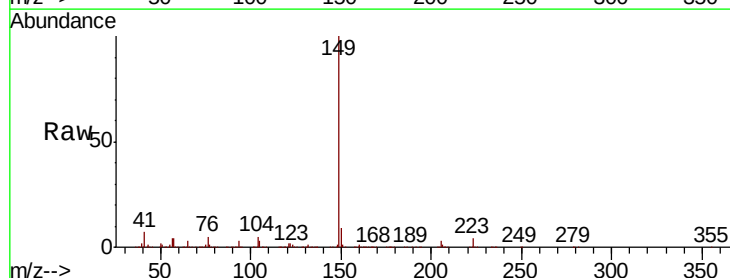
Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

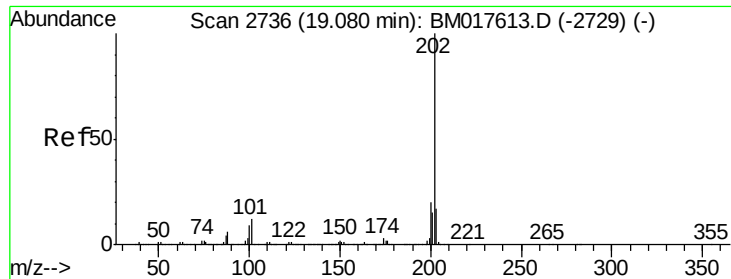
Tgt Ion:167 Resp: 3296992
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.7 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 47.848 ng
 RT: 17.99 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion:149 Resp: 4090143
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.2 4.3 6.5





#75

Fluoranthene

Concen: 46.032 ng

RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

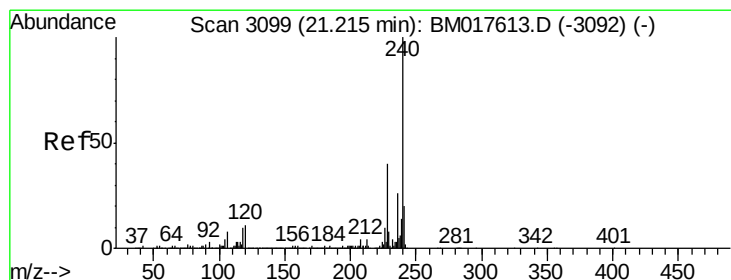
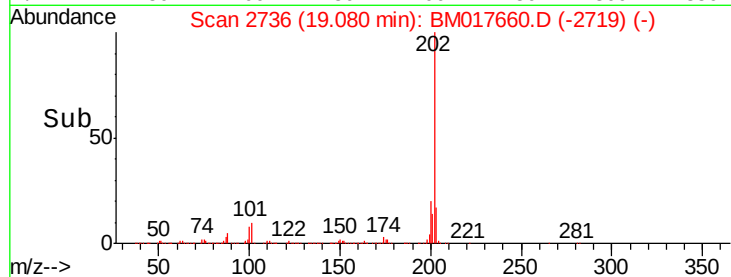
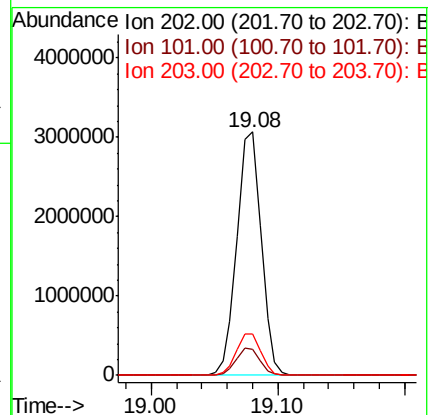
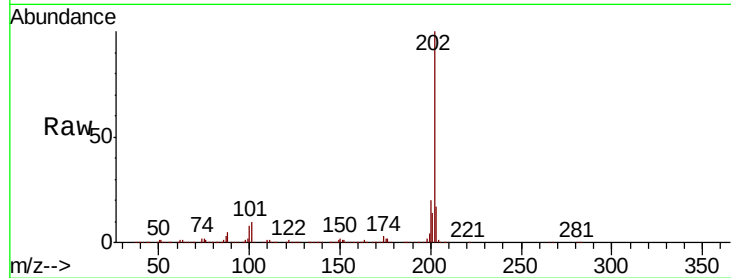
Tgt Ion:202 Resp: 4067405

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.5

203 16.9 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.21 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

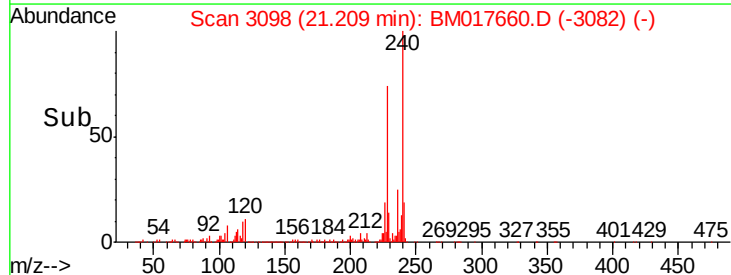
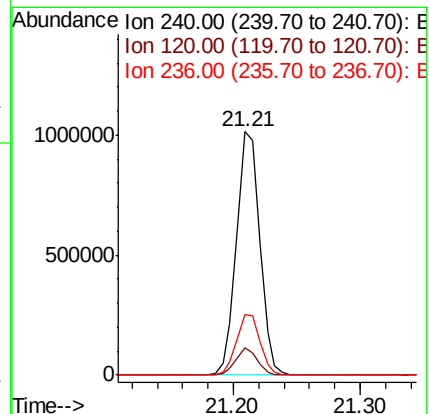
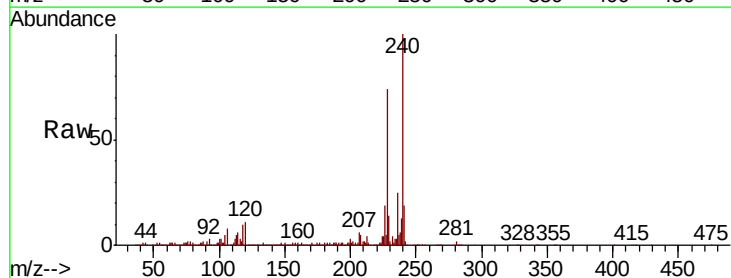
Tgt Ion:240 Resp: 1285489

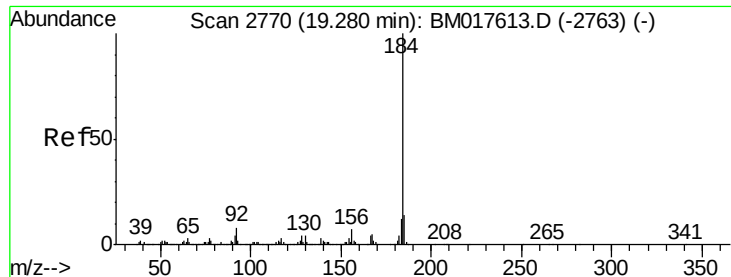
Ion Ratio Lower Upper

240 100

120 11.3 8.5 12.7

236 24.8 20.4 30.6





#77

Benzidine

Concen: 50.417 ng

RT: 19.28 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

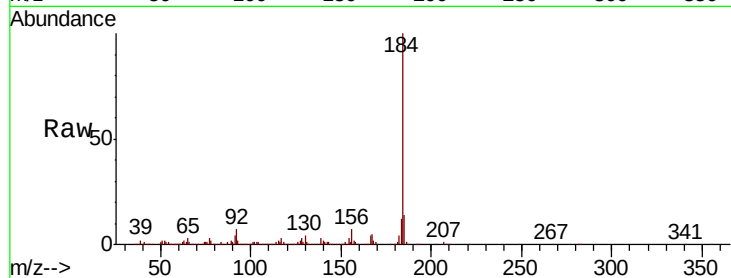
Tgt Ion:184 Resp: 2110502

Ion Ratio Lower Upper

184 100

185 14.0 11.2 16.8

183 11.6 9.5 14.3

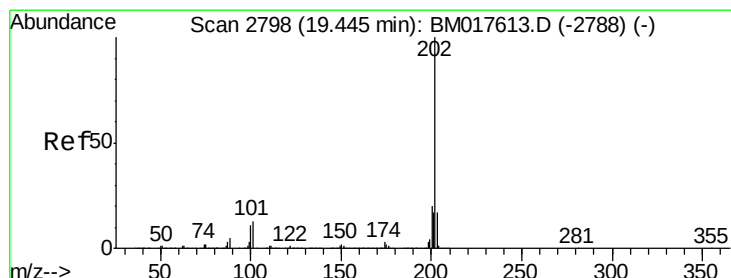
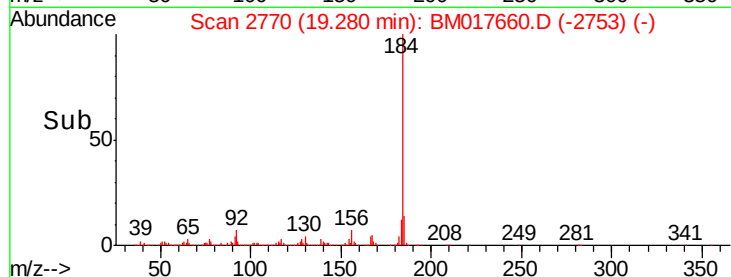
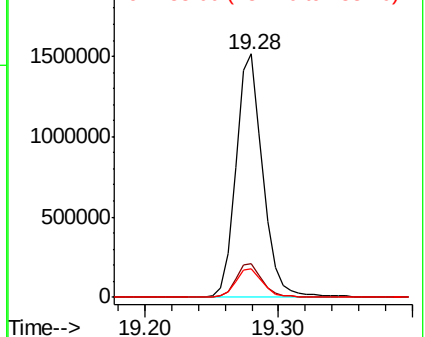


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.138 ng

RT: 19.44 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

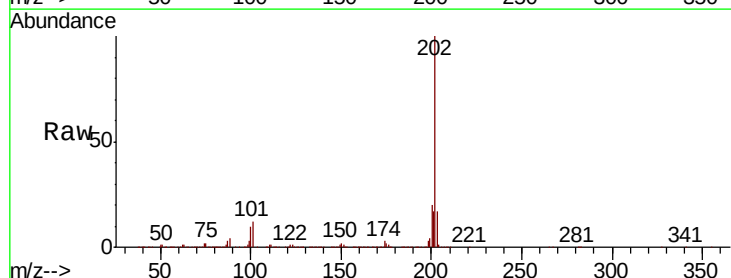
Tgt Ion:202 Resp: 4135412

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

203 17.1 13.8 20.8

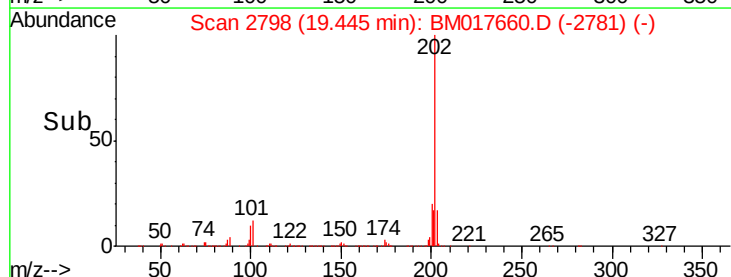
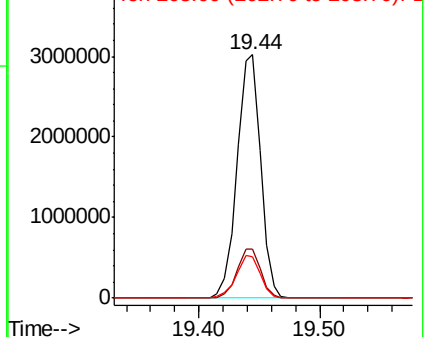


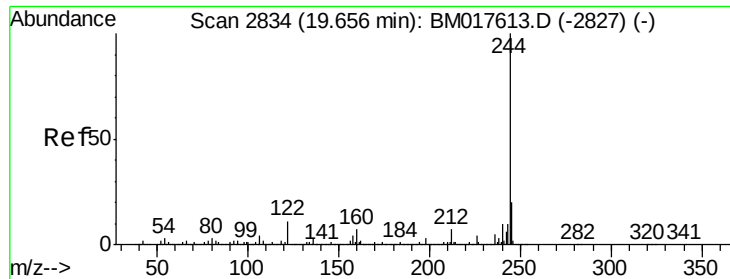
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.199 ng

RT: 19.66 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

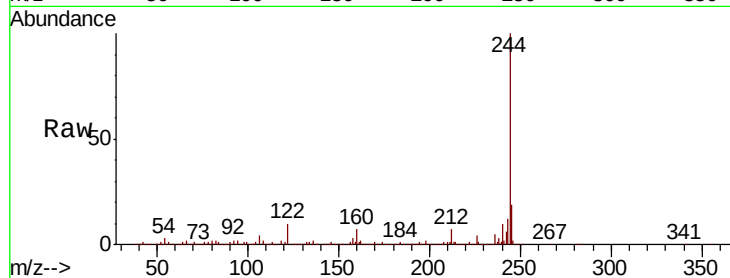
Tgt Ion:244 Resp: 5172735

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

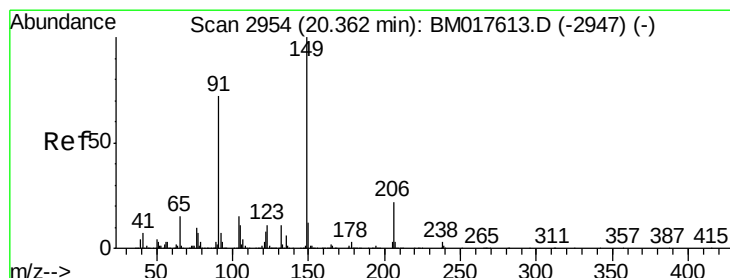
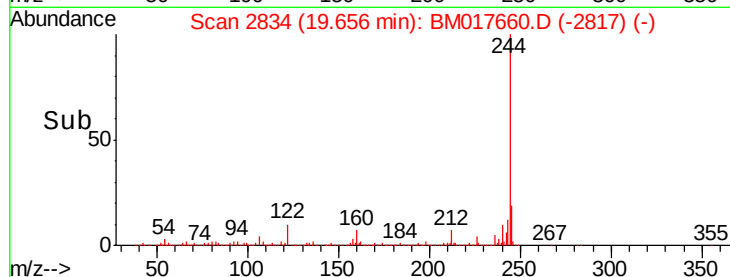
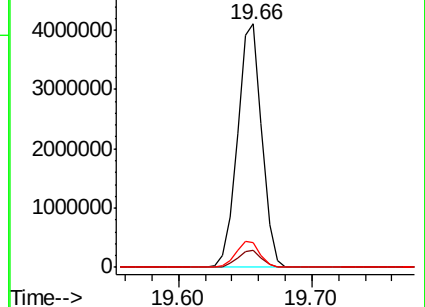
122 10.0 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.952 ng

RT: 20.36 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

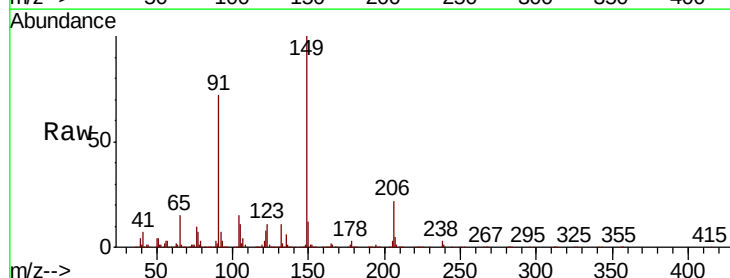
Tgt Ion:149 Resp: 1738048

Ion Ratio Lower Upper

149 100

91 72.2 57.6 86.4

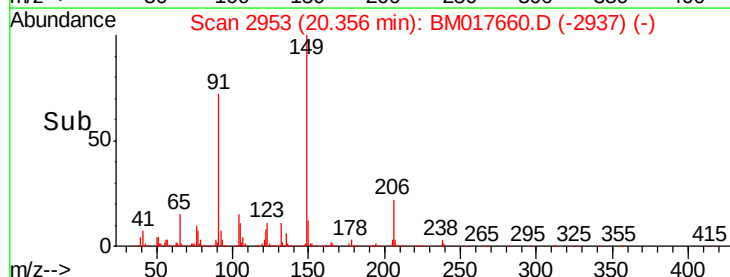
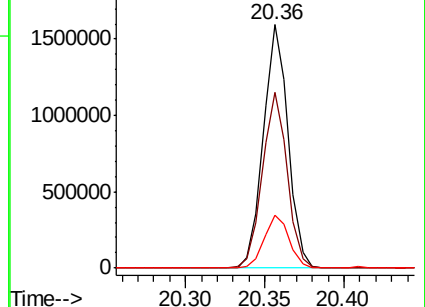
206 21.5 17.4 26.0

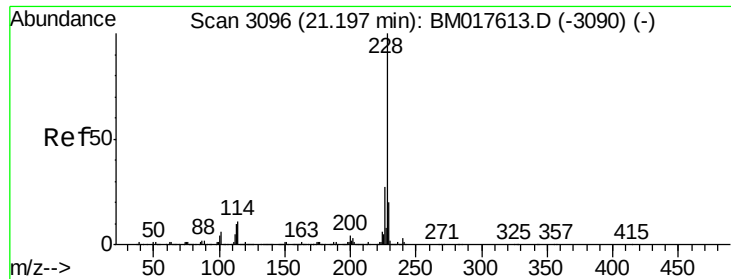


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.697 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

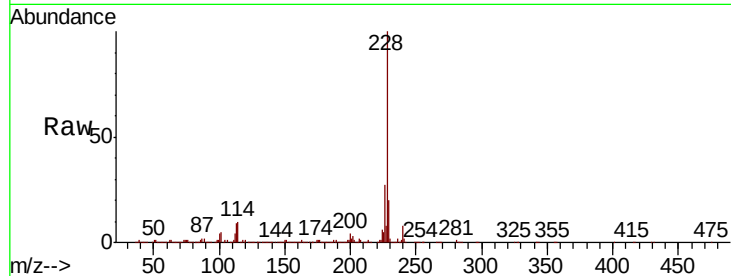
Tgt Ion:228 Resp: 3532393

Ion Ratio Lower Upper

228 100

226 26.8 21.3 31.9

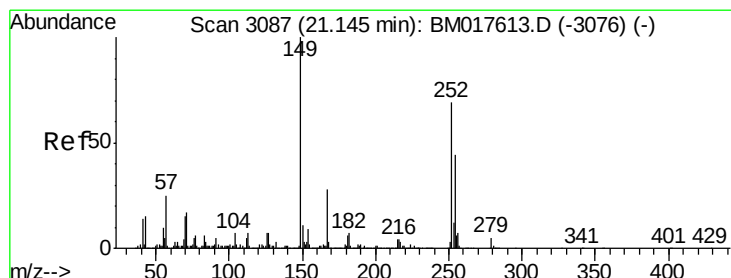
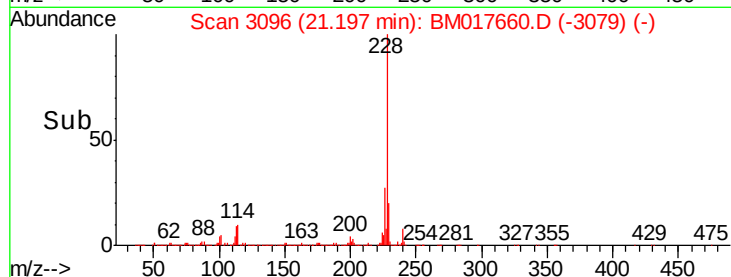
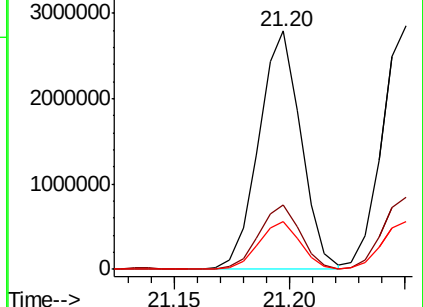
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.762 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

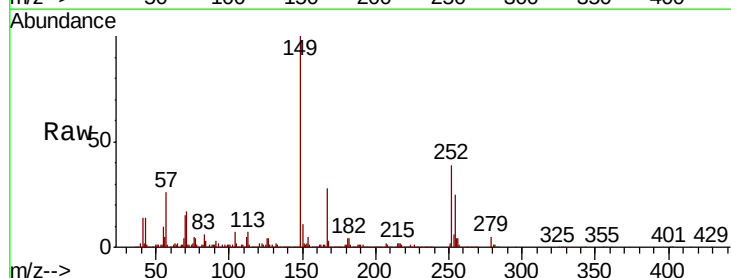
Tgt Ion:252 Resp: 1050777

Ion Ratio Lower Upper

252 100

254 63.8 51.4 77.2

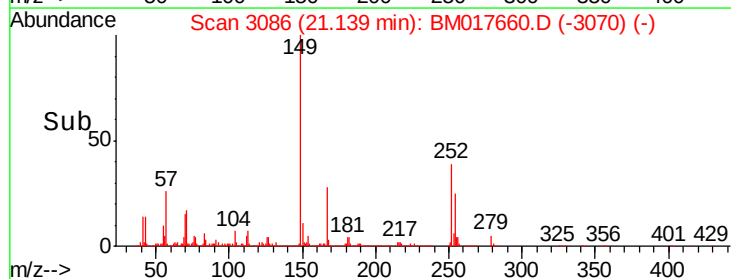
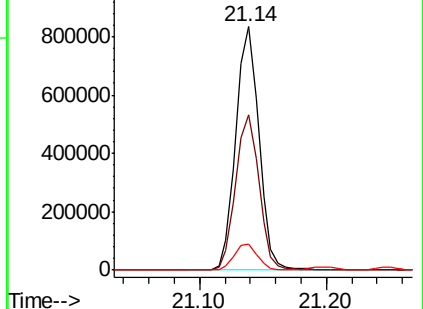
126 10.6 8.0 12.0

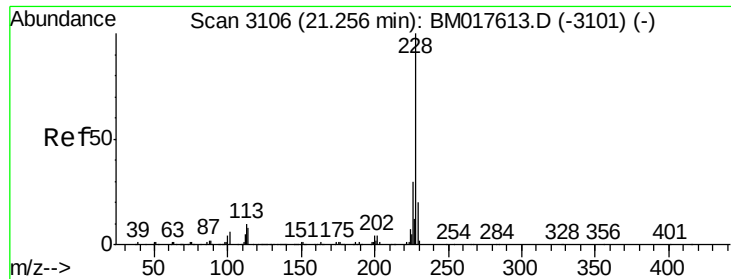


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.724 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

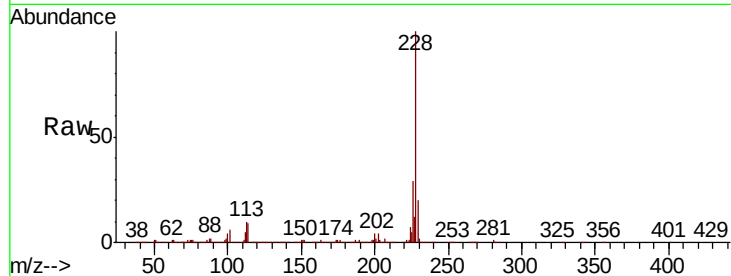
Tgt Ion:228 Resp: 3360867

Ion Ratio Lower Upper

228 100

226 29.4 23.6 35.4

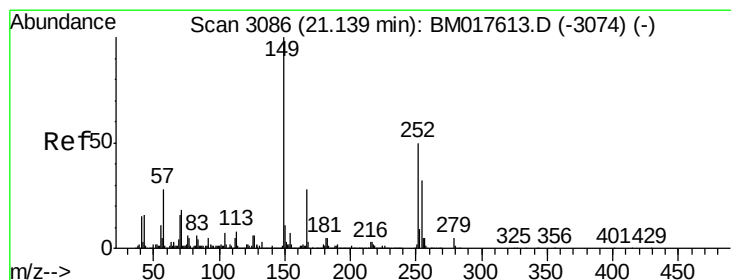
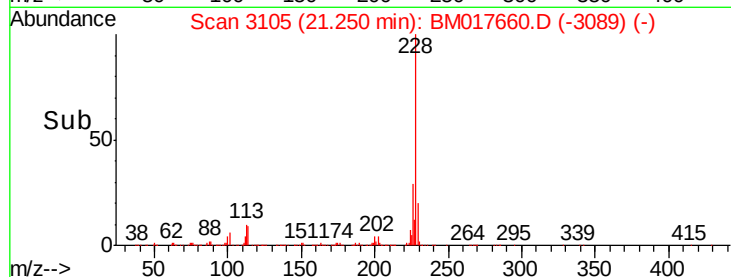
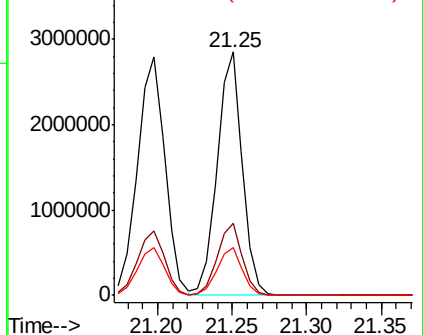
229 19.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.467 ng

RT: 21.13 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

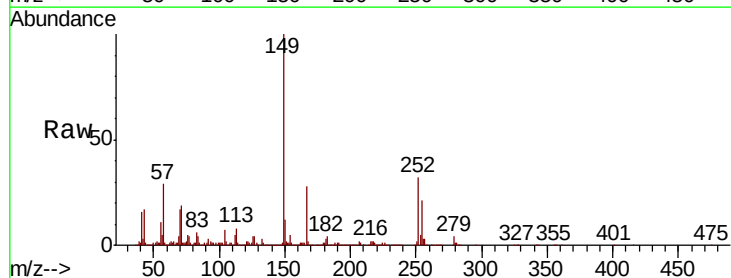
Tgt Ion:149 Resp: 2451080

Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

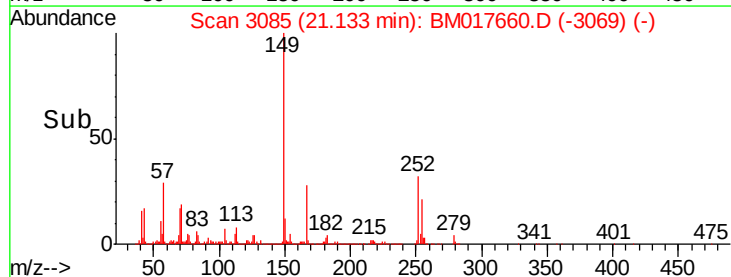
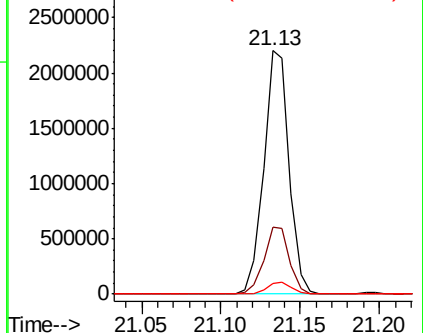
279 4.2 3.7 5.5

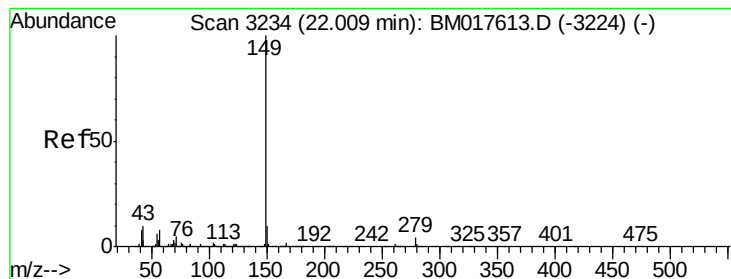


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.498 ng

RT: 22.00 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

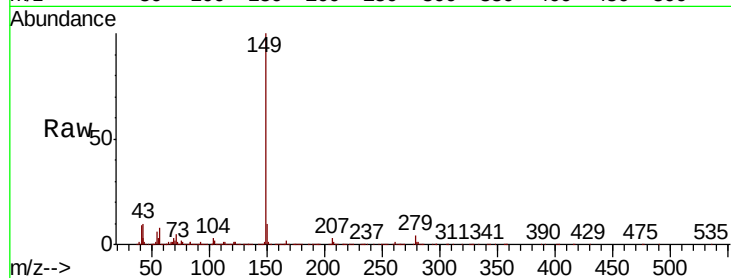
Tgt Ion:149 Resp: 3774631

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

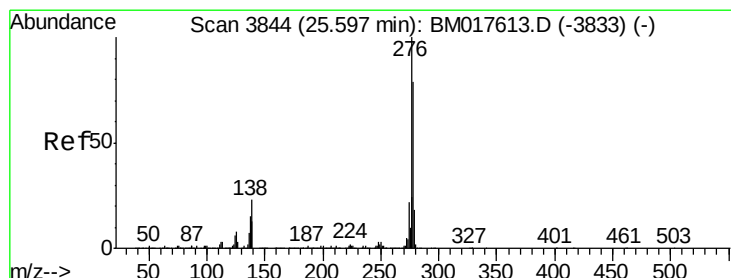
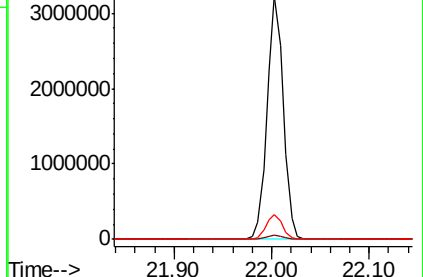
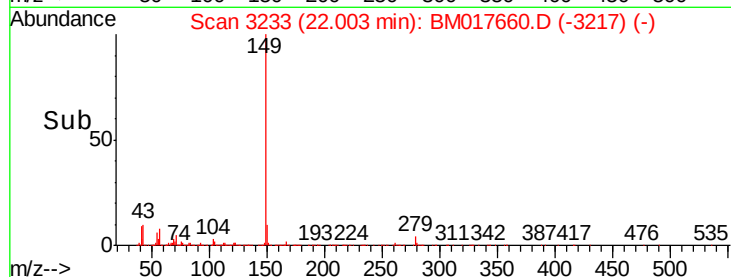
43 10.4 8.3 12.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.046 ng

RT: 25.59 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

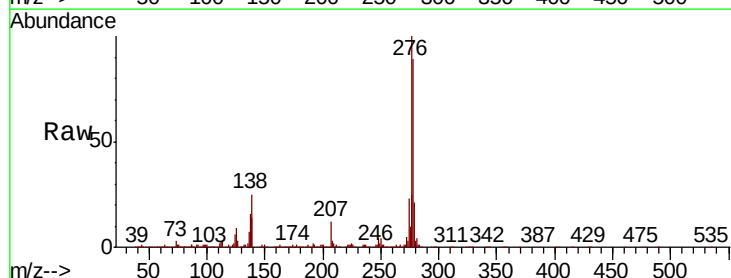
Tgt Ion:276 Resp: 2934176

Ion Ratio Lower Upper

276 100

138 23.5 19.1 28.7

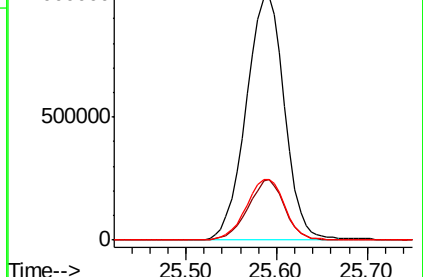
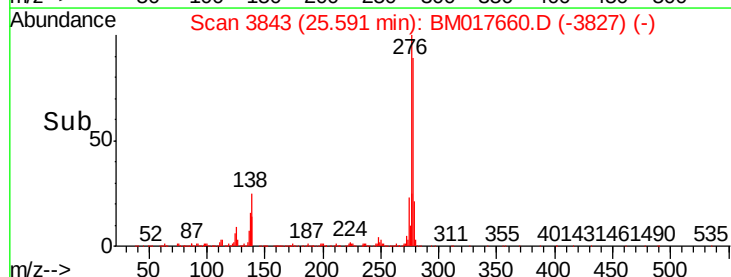
277 25.0 20.0 30.0

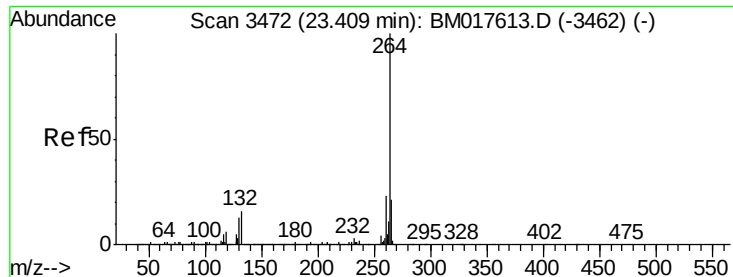


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

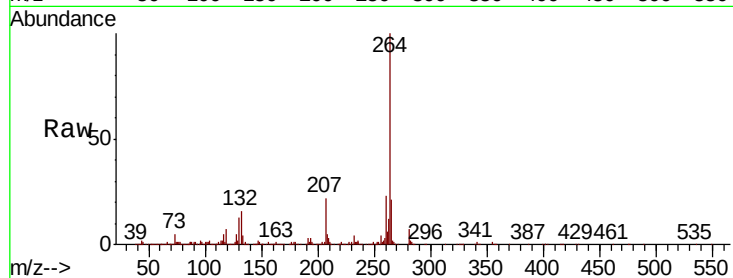
Tgt Ion:264 Resp: 996113

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

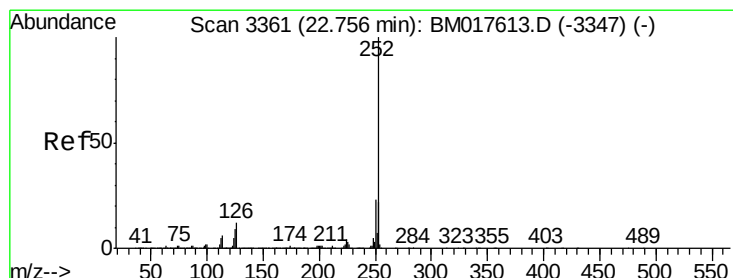
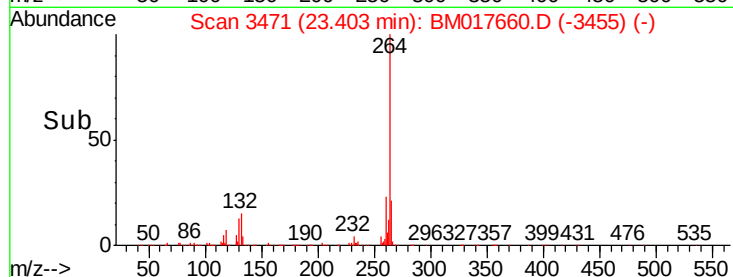
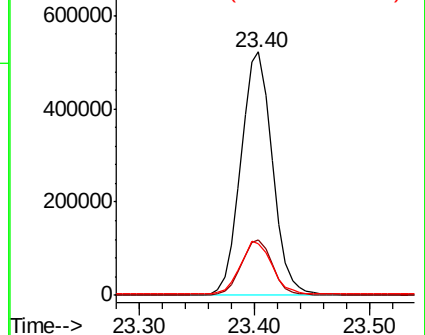
265 21.4 17.5 26.3



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



#88

Benzo(b)fluoranthene

Concen: 50.316 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

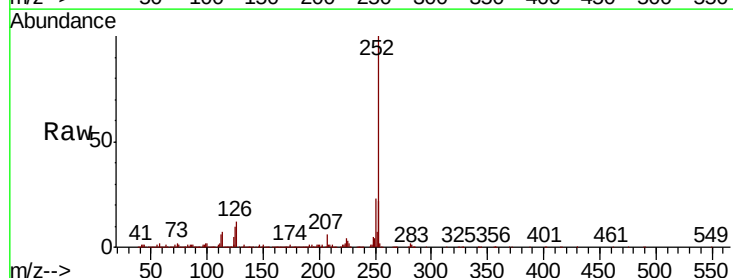
Tgt Ion:252 Resp: 2935235

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

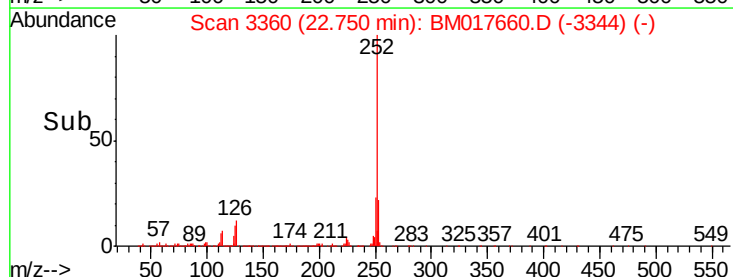
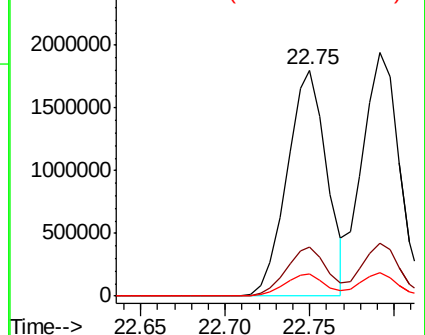
125 9.6 7.6 11.4

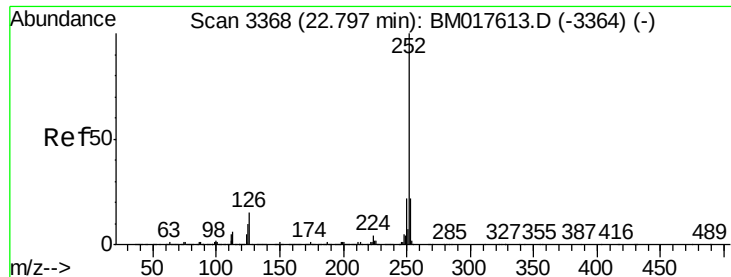


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

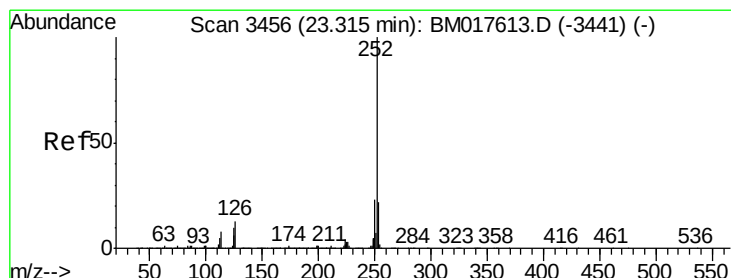
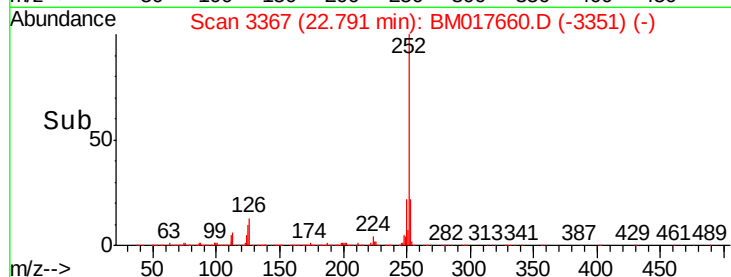
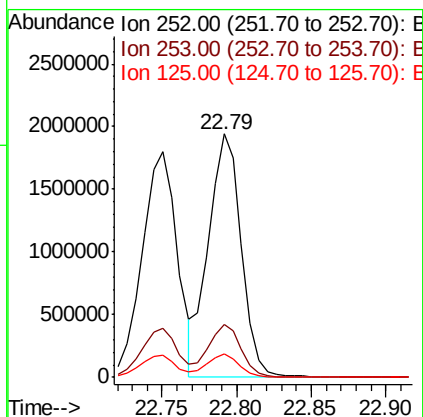
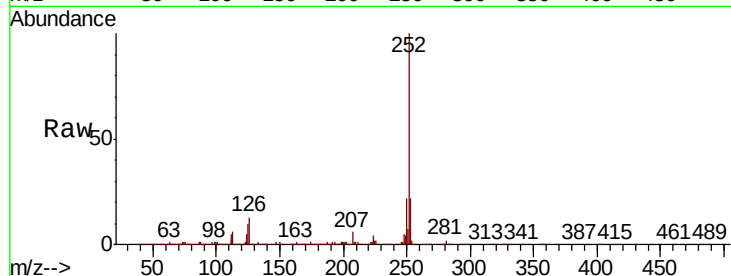




#89
Benzo(k)fluoranthene
Concen: 50.283 ng
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

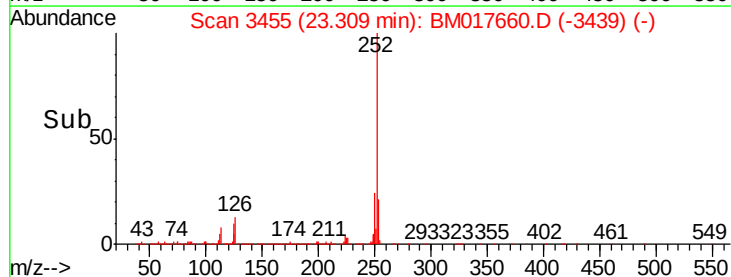
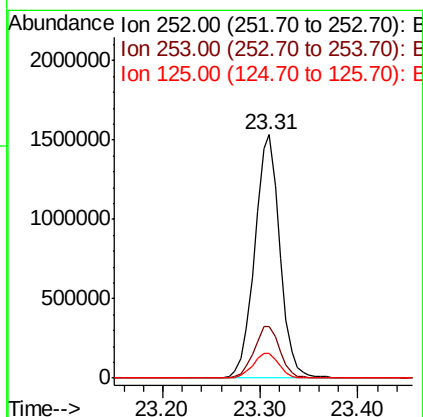
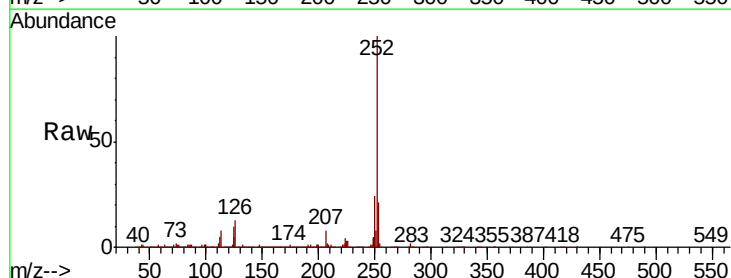
Instrument :
BNA_M
ClientSampleId :
PB114805BS

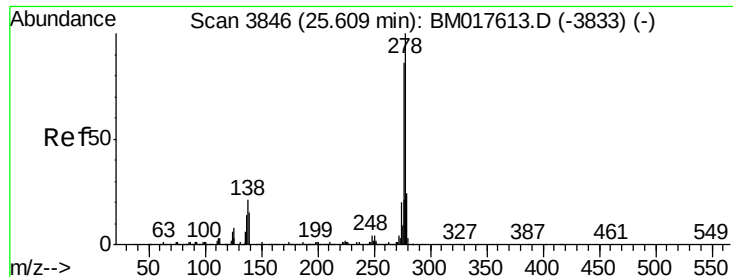
Tgt Ion:252 Resp: 2964762
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.8 7.9 11.9



#90
Benzo(a)pyrene
Concen: 51.724 ng
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion:252 Resp: 2751202
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 10.4 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 55.642 ng

RT: 25.60 min Scan# 3844

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

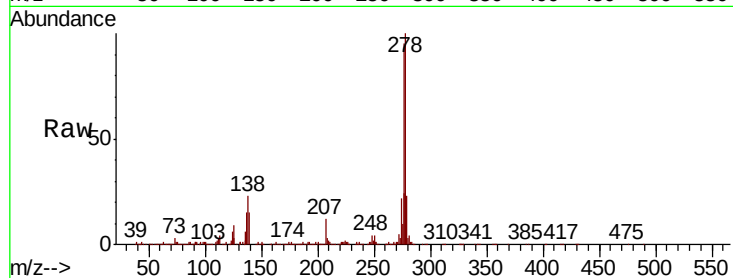
Tgt Ion:278 Resp: 2488136

Ion Ratio Lower Upper

278 100

139 14.9 11.8 17.6

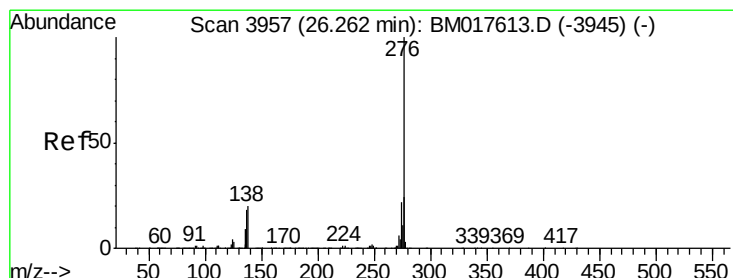
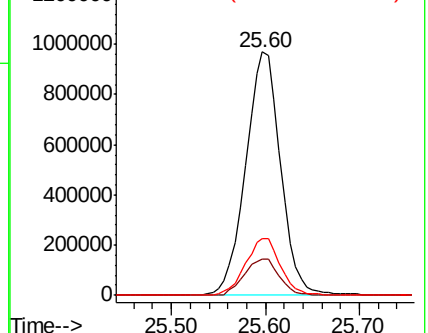
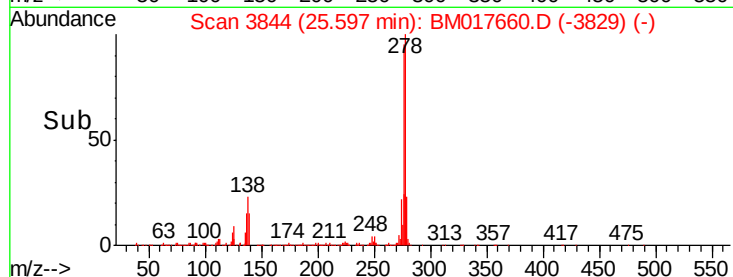
279 23.2 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 57.487 ng

RT: 26.26 min Scan# 3956

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

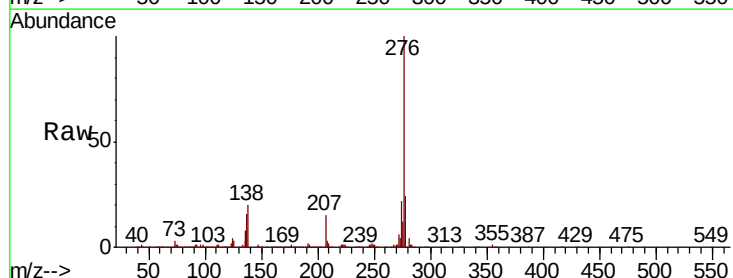
Tgt Ion:276 Resp: 2417356

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 19.7 15.9 23.9



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

