

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
 Data File : BM015853.D
 Acq On : 09 Jul 2018 21:17
 Operator : SJ/JU
 Sample : J3877-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NS-DRUM-2-STONEMSD

Quant Time: Jul 10 01:37:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	110087	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	436109	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	213320	20.00	ng	-0.01
63) Phenanthrene-d10	17.65	188	375995	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	311154	20.00	ng	-0.02
86) Perylene-d12	24.15	264	300905	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	889418	138.56	ng	-0.01
7) Phenol-d6	7.46	99	1016871	115.71	ng	0.00
23) Nitrobenzene-d5	9.49	82	852069	95.33	ng	-0.01
41) 2,4,6-Tribromophenol	16.40	330	353089	126.68	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	1665506	96.93	ng	-0.02
78) Terphenyl-d14	20.21	244	1662652	99.11	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	99307	37.406	ng	# 100
3) Pyridine	4.02	79	178280	25.448	ng	# 78
4) n-Nitrosodimethylamine	3.92	42	216869	39.757	ng	# 43
6) Aniline	7.63	93	73471	6.896	ng	91
8) 2-Chlorophenol	7.86	128	329595	42.782	ng	98
9) Benzaldehyde	7.45	77	27120	4.896	ng	# 80
10) Phenol	7.48	94	326436	36.968	ng	94
11) bis(2-Chloroethyl)ether	7.72	93	286882	39.938	ng	88
12) 1,3-Dichlorobenzene	8.19	146	347040	40.628	ng	# 91
13) 1,4-Dichlorobenzene	8.33	146	355541	40.251	ng	95
14) 1,2-Dichlorobenzene	8.66	146	346086	40.513	ng	95
15) Benzyl Alcohol	8.55	79	290725	38.106	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.83	45	458638	58.464	ng	97
17) 2-Methylphenol	8.75	107	249343	40.758	ng	# 87
18) Hexachloroethane	9.39	117	147123	42.123	ng	96
19) n-Nitroso-di-n-propylamine	9.12	70	261411	37.013	ng	# 80
20) 3+4-Methylphenols	9.08	107	327307	38.518	ng	89
22) Acetophenone	9.15	105	488945	43.038	ng	# 89
24) Nitrobenzene	9.53	77	399794	45.950	ng	99
25) Isophorone	10.05	82	654073	47.943	ng	95
26) 2-Nitrophenol	10.25	139	171351	45.735	ng	# 62
27) 2,4-Dimethylphenol	10.29	122	292946	51.470	ng	# 84
28) bis(2-Chloroethoxy)methane	10.53	93	389127	43.780	ng	99
29) 2,4-Dichlorophenol	10.77	162	290462	46.078	ng	97
30) 1,2,4-Trichlorobenzene	10.99	180	321264	43.879	ng	98
31) Naphthalene	11.18	128	994139	43.968	ng	100
32) Benzoic acid	10.46	122	158170	31.388	ng	87
33) 4-Chloroaniline	11.30	127	22522	2.443	ng	# 87
34) Hexachlorobutadiene	11.43	225	211164	43.215	ng	97
35) Caprolactam	12.09	113	54186	25.919	ng	89
36) 4-Chloro-3-methylphenol	12.40	107	288265	39.854	ng	88
37) 2-Methylnaphthalene	12.77	142	716124	44.523	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	340421	49.721	ng	# 100
40) Hexachlorocyclopentadiene	13.09	237	385533	115.791	ng	99

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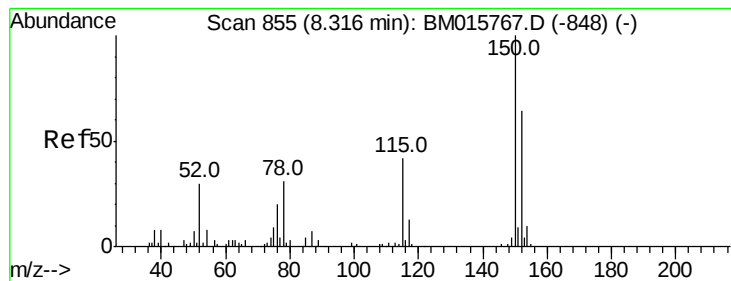
Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: Jul 10 01:37:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
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 Response via : Initial Calibration

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

42) 2,4,6-Trichlorophenol	13.37	196	205757	47.542	nq	98
43) 2,4,5-Trichlorophenol	13.45	196	207232	44.326	nq	# 85
45) 1,1'-Biphenyl	13.76	154	868722	47.102	nq	99
46) 2-Chloronaphthalene	13.81	162	660091	47.868	nq	# 91
47) 2-Nitroaniline	14.02	65	193375	40.212	nq	81
48) Acenaphthylene	14.65	152	1020780	45.504	nq	99
49) Dimethylphthalate	14.37	163	765331	40.680	nq	99
50) 2,6-Dinitrotoluene	14.50	165	158207	43.130	nq	# 67
51) Acenaphthene	14.99	154	595059	42.629	nq	98
52) 3-Nitroaniline	14.85	138	22228	5.536	nq	# 74
53) 2,4-Dinitrophenol	15.05	184	147593	80.368	nq	# 83
54) Dibenzofuran	15.32	168	922910	42.907	nq	# 87
55) 4-Nitrophenol	15.14	139	187856	63.397	nq	# 70
56) 2,4-Dinitrotoluene	15.29	165	208206	39.315	nq	96
57) Fluorene	15.96	166	721538	40.679	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	167519	42.463	nq	# 100
59) Diethylphthalate	15.72	149	765985	37.994	nq	97
60) 4-Chlorophenyl-phenylether	15.94	204	361289	39.584	nq	# 87
61) 4-Nitroaniline	16.00	138	105190	25.255	nq	# 34
62) Azobenzene	16.23	77	821411	43.465	nq	80
64) 4,6-Dinitro-2-methylphenol	16.06	198	97164	42.508	nq	88
65) n-Nitrosodiphenylamine	16.16	169	565261	43.875	nq	97
66) 4-Bromophenyl-phenylether	16.83	248	205363	48.918	nq	# 80
67) Hexachlorobenzene	16.95	284	221026	47.116	nq	# 76
68) Atrazine	17.09	200	123833	29.221	nq	97
69) Pentachlorophenol	17.30	266	218845	75.392	nq	98
70) Phenanthrene	17.69	178	957490	44.512	nq	99
71) Anthracene	17.78	178	966506	45.752	nq	99
72) Carbazole	18.05	167	767969	39.012	nq	97
73) Di-n-butylphthalate	18.56	149	1072344	40.416	nq	# 98
74) Fluoranthene	19.67	202	947328	38.308	nq	100
76) Benzidine	19.85	184	54570	5.986	nq	# 97
77) Pyrene	20.03	202	945215	48.767	nq	99
79) Butylbenzylphthalate	20.87	149	437286	46.673	nq	# 83
80) Benzo(a)anthracene	21.74	228	894677	45.351	nq	99
81) 3,3'-Dichlorobenzidine	21.66	252	106857	15.075	nq	100
82) Chrysene	21.79	228	836718	45.529	nq	100
83) Bis(2-ethylhexyl)phthalate	21.62	149	604901	43.696	nq	95
84) Di-n-octyl phthalate	22.54	149	1001895	44.385	nq	# 90
85) Indeno(1,2,3-cd)pyrene	26.63	276	1040779	60.956	nq	# 93
87) Benzo(b)fluoranthene	23.42	252	867619	43.187	nq	# 96
88) Benzo(k)fluoranthene	23.47	252	856172	43.872	nq	98
89) Benzo(a)pyrene	24.05	252	826913	46.759	nq	99
90) Dibenzo(a,h)anthracene	26.63	278	884127	55.566	nq	97
91) Benzo(g,h,i)perylene	27.39	276	839525	60.051	nq	# 94

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

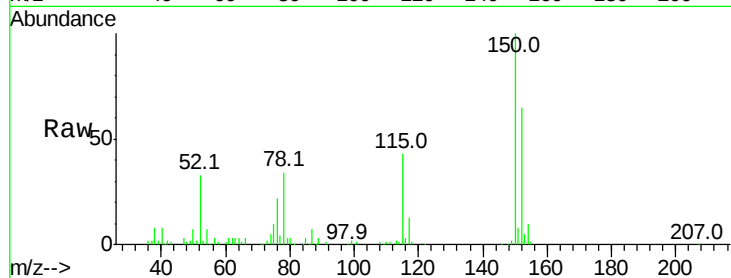


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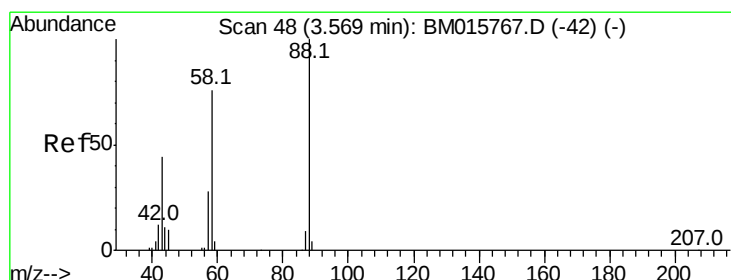
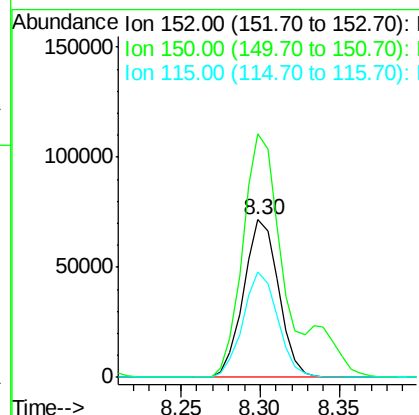
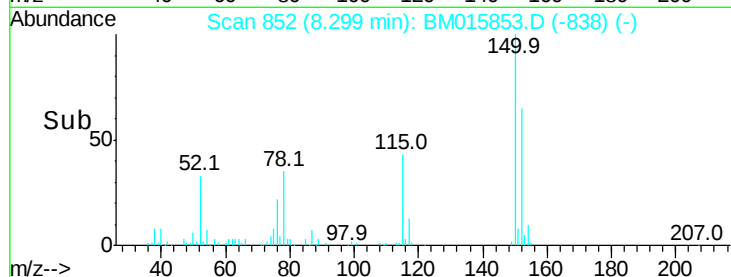
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

Tot Ion:152 Resp: 110087
Ion Ratio Lower Upper
152 100
150 154.6 119.5 179.3
115 66.8 43.0 64.4#



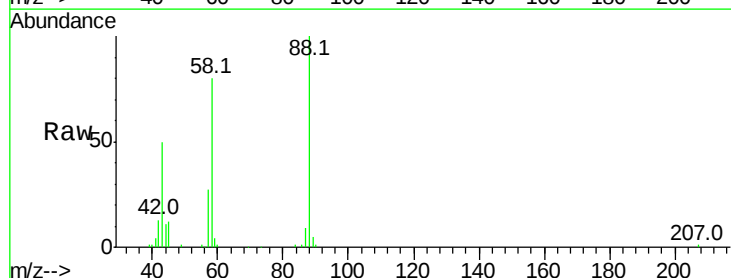
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



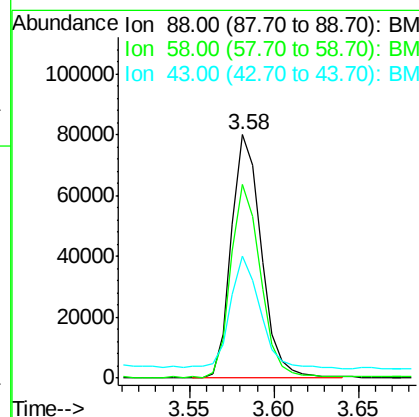
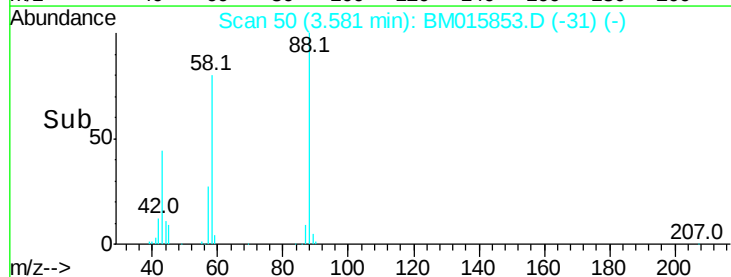
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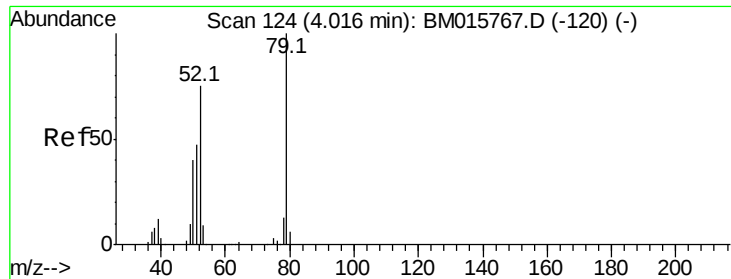
1,4-Dioxane
Concen: 37.406 ng
RT: 3.58 min Scan# 50
Delta R.T. 0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion: 88 Resp: 99307
Ion Ratio Lower Upper
88 100
58 79.4 0.0 0.0#
43 45.7 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0

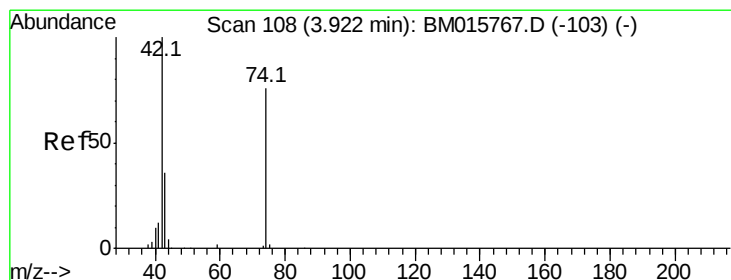
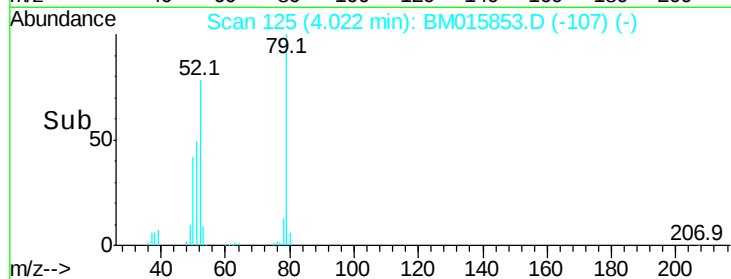
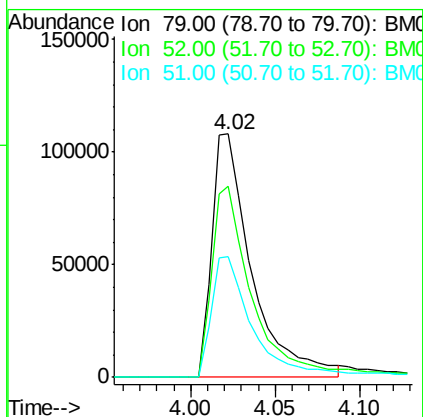
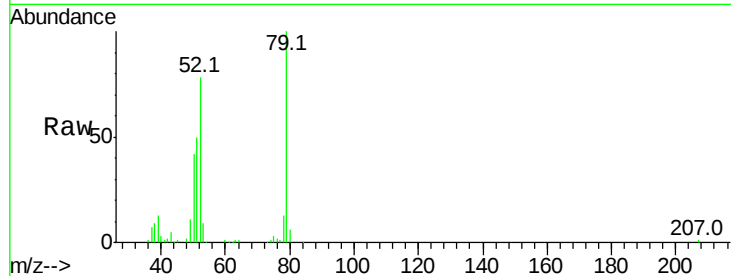




#3
 Pvridine
 Concen: 25.448 ng
 RT: 4.02 min Scan# 125
 Delta R.T. 0.01 min
 Lab File: BM015853.D
 Acq: 09 Jul 2018 21:17

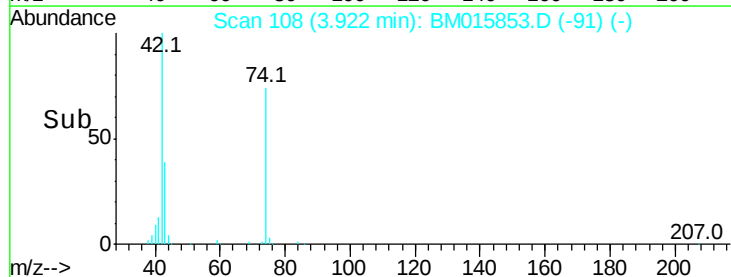
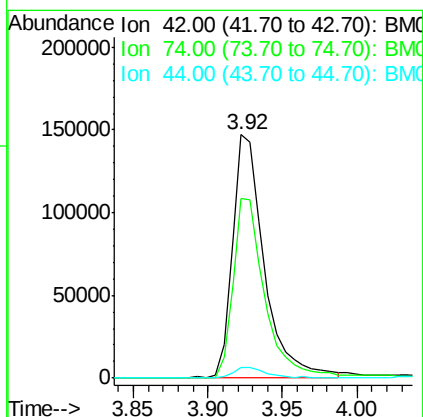
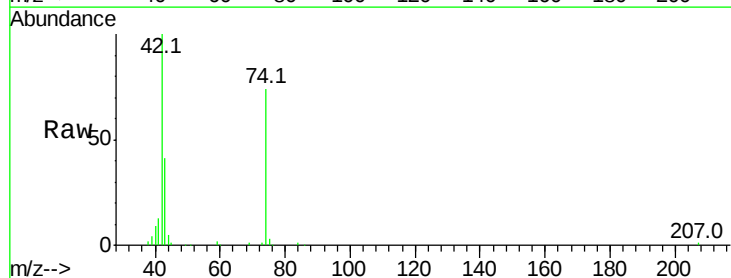
Instrument :
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 ClientSampleId :
 NS-DRUM-2-STONEMSD

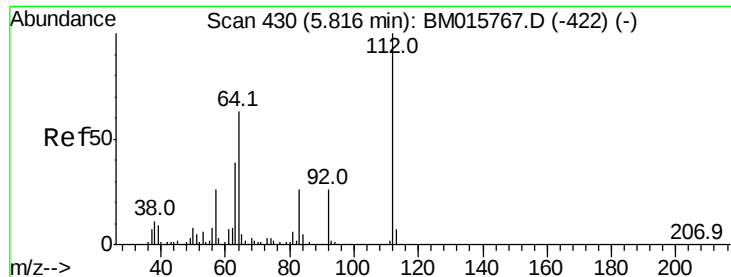
Tot Ion: 79 Resp: 178280
 Ion Ratio Lower Upper
 79 100
 52 78.3 51.1 76.7#
 51 49.6 26.1 39.1#



#4
 n-Nitrosodimethylamine
 Concen: 39.757 ng
 RT: 3.92 min Scan# 108
 Delta R.T. 0.00 min
 Lab File: BM015853.D
 Acq: 09 Jul 2018 21:17

Tgt Ion: 42 Resp: 216869
 Ion Ratio Lower Upper
 42 100
 74 73.8 119.3 178.9#
 44 4.6 5.4 8.2#





#5

2-Fluorophenol

Concen: 39.757 ng

RT: 5.80 min Scan# 428

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Instrument :

BNA_M

ClientSampleId :

NS-DRUM-2-STONEMSD

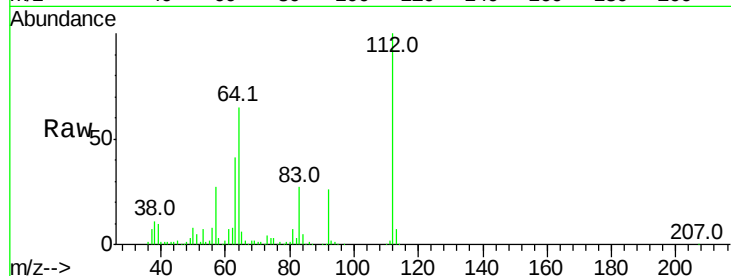
Tot Ion:112 Resp: 889418

Ion Ratio Lower Upper

112 100

64 64.7 38.6 57.8#

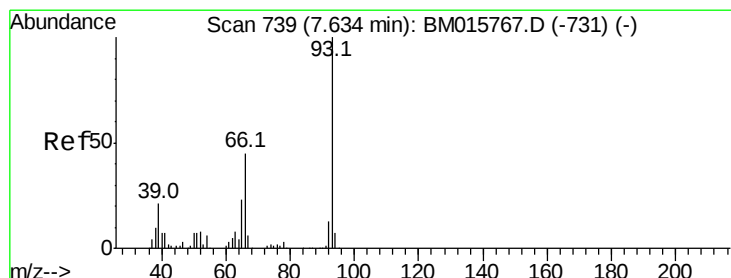
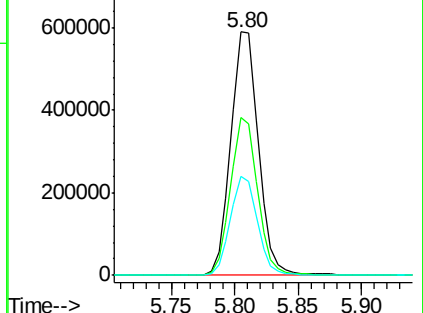
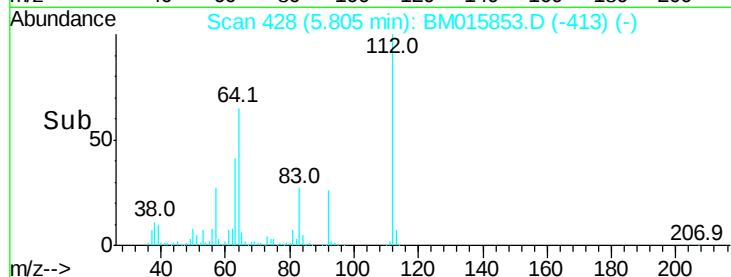
63 40.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BMO

Ion 63.00 (62.70 to 63.70): BMO



#6

Aniline

Concen: 6.896 ng

RT: 7.63 min Scan# 738

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

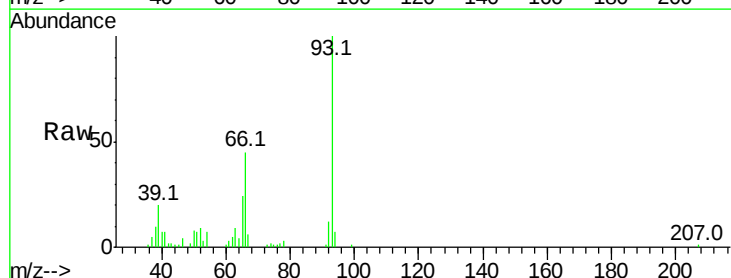
Tgt Ion: 93 Resp: 73471

Ion Ratio Lower Upper

93 100

66 44.6 30.8 46.2

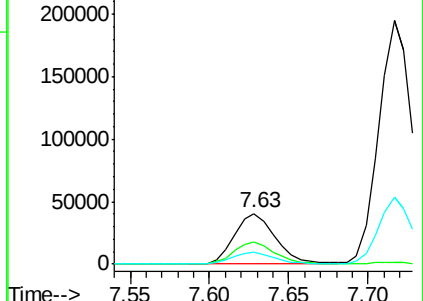
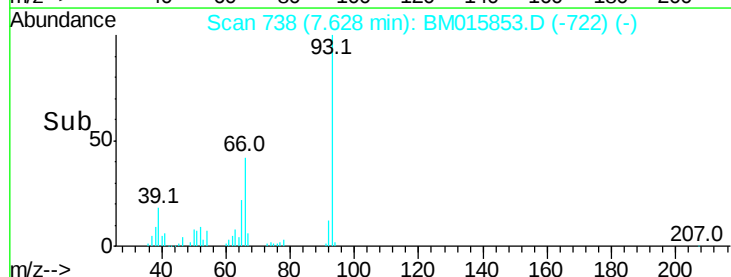
65 23.6 16.0 24.0

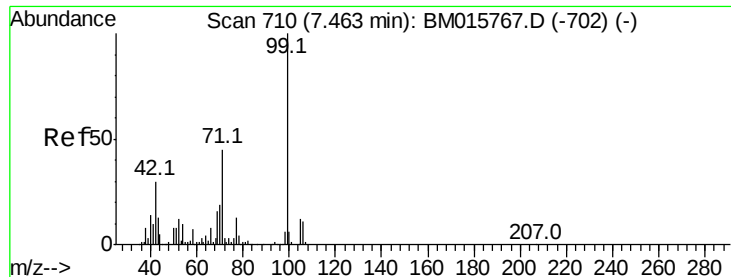


Abundance Ion 93.00 (92.70 to 93.70): BMO

Ion 66.00 (65.70 to 66.70): BMO

Ion 65.00 (64.70 to 65.70): BMO





#7

Phenol-d6

Concen: 6.896 ng

RT: 7.46 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Instrument :

BNA_M

ClientSampleId :

NS-DRUM-2-STONEMSD

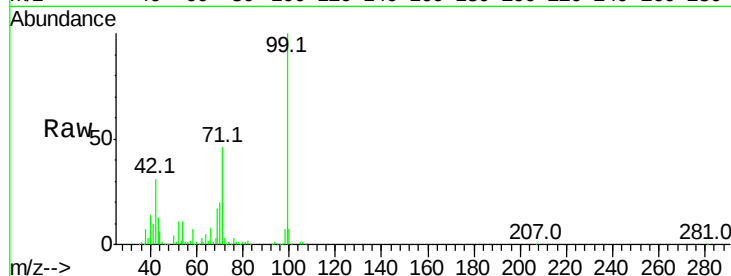
Tot Ion: 99 Resp: 1016871

Ion Ratio Lower Upper

99 100

42 30.7 11.0 16.4#

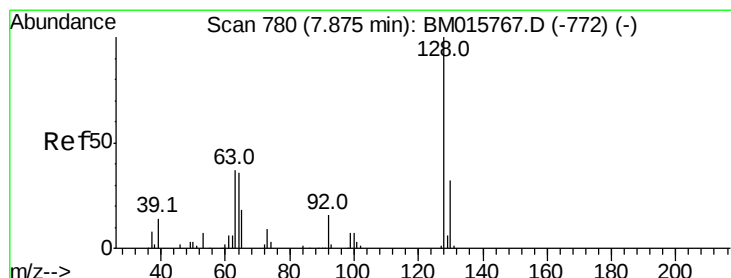
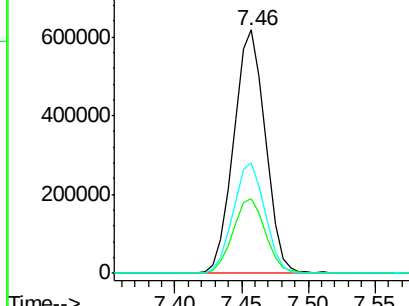
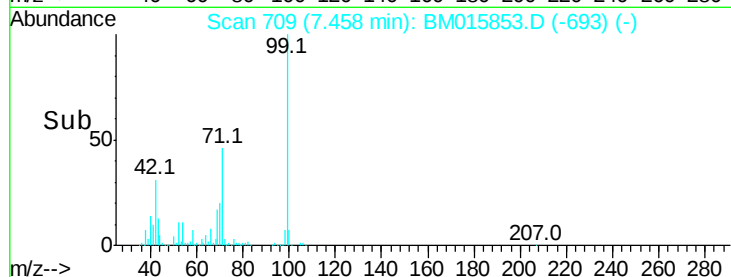
71 45.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015853.D (-693) (-)

Ion 42.00 (41.70 to 42.70): BM015853.D (-693) (-)

Ion 71.00 (70.70 to 71.70): BM015853.D (-693) (-)



#8

2-Chlorophenol

Concen: 42.782 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

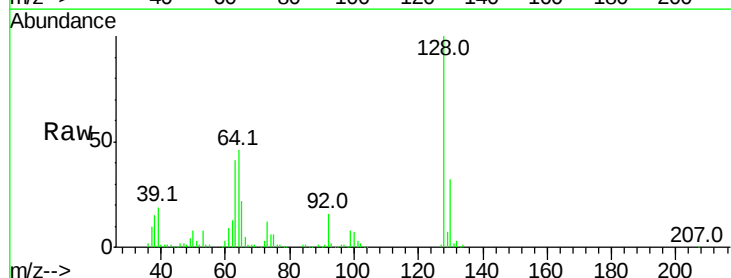
Tgt Ion: 128 Resp: 329595

Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

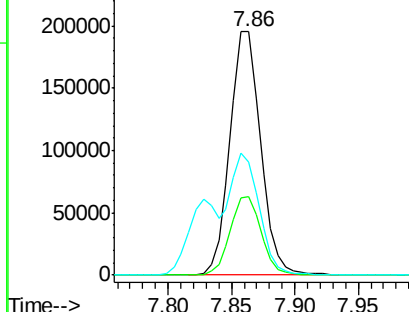
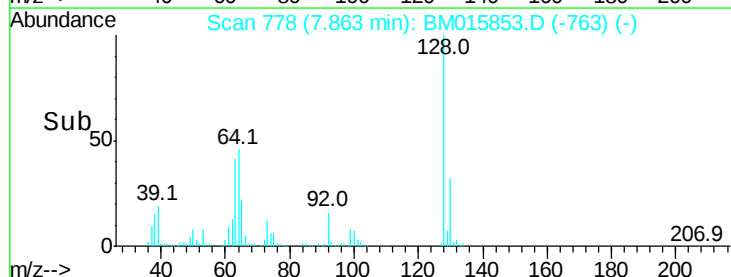
64 46.5 24.9 64.9

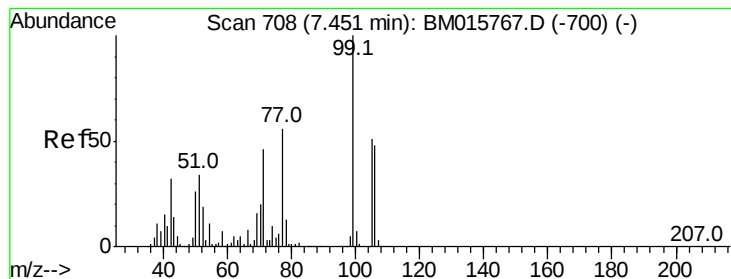


Abundance Ion 128.00 (127.70 to 128.70): BM015853.D (-763) (-)

Ion 130.00 (129.70 to 130.70): BM015853.D (-763) (-)

Ion 64.00 (63.70 to 64.70): BM015853.D (-763) (-)





#9

Benzaldehyde

Concen: 4.896 ng

RT: 7.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Instrument :

BNA_M

ClientSampleId :

NS-DRUM-2-STONEMSD

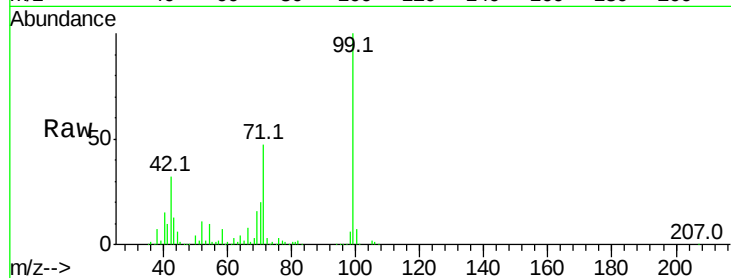
Tot Ion: 77 Resp: 27120

Ion Ratio Lower Upper

77 100

105 79.4 78.8 118.8

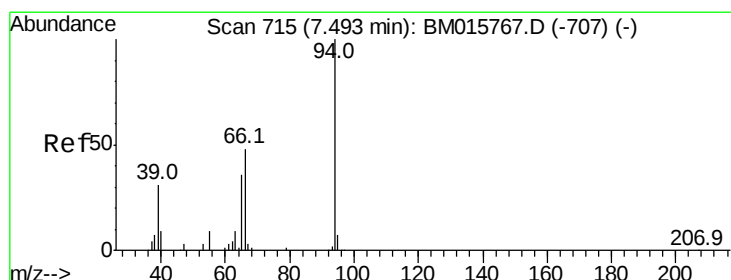
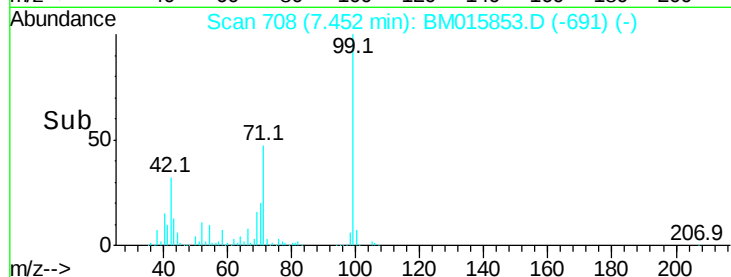
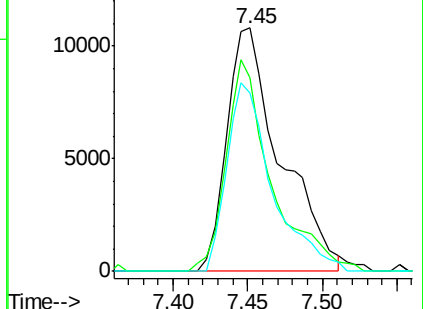
106 73.5 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM015853.D (-691) (-)

Ion 105.00 (104.70 to 105.70): BM015853.D (-691) (-)

Ion 106.00 (105.70 to 106.70): BM015853.D (-691) (-)



#10

Phenol

Concen: 36.968 ng

RT: 7.48 min Scan# 713

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

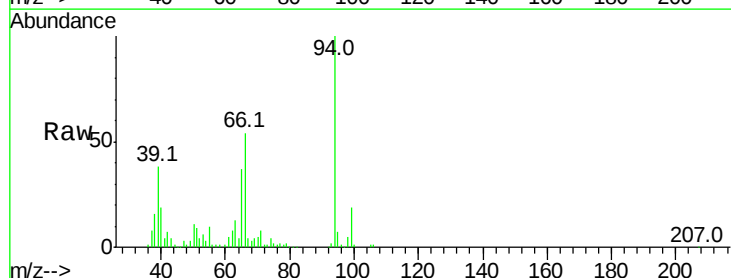
Tgt Ion: 94 Resp: 326436

Ion Ratio Lower Upper

94 100

65 37.5 18.8 58.8

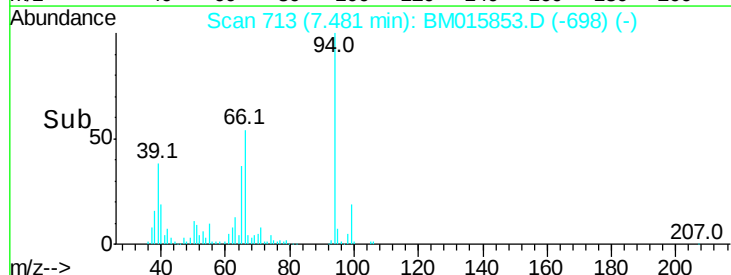
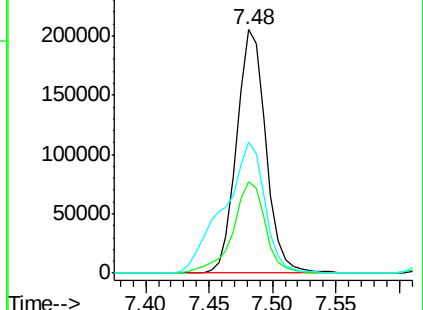
66 53.6 39.9 79.9

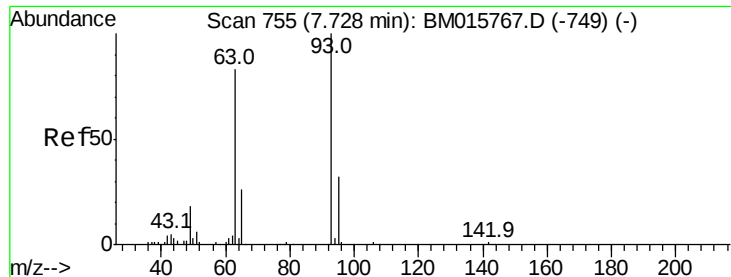


Abundance Ion 94.00 (93.70 to 94.70): BM015853.D (-698) (-)

Ion 65.00 (64.70 to 65.70): BM015853.D (-698) (-)

Ion 66.00 (65.70 to 66.70): BM015853.D (-698) (-)

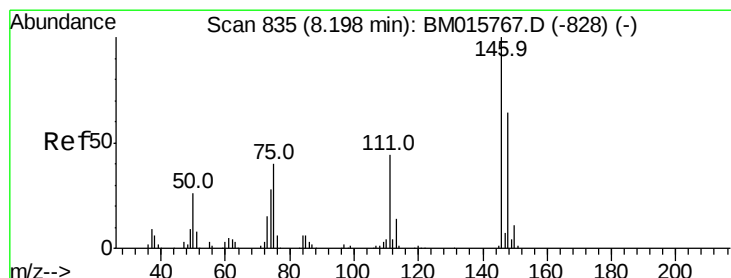
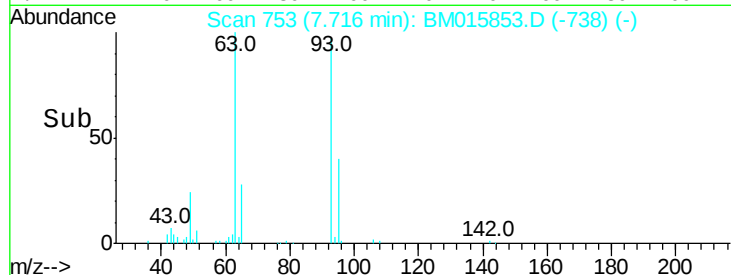
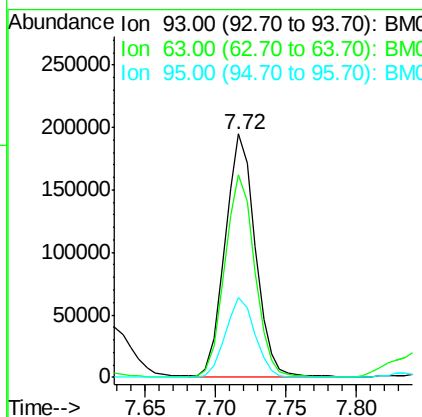
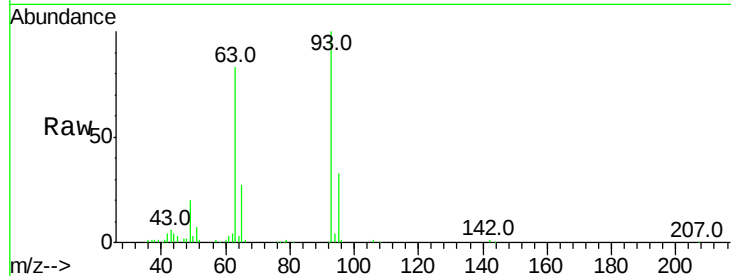




#11
bis(2-Chloroethyl)ether
Concen: 39.938 ng
RT: 7.72 min Scan# 753
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

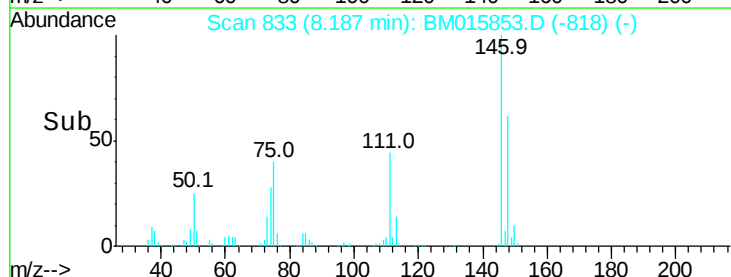
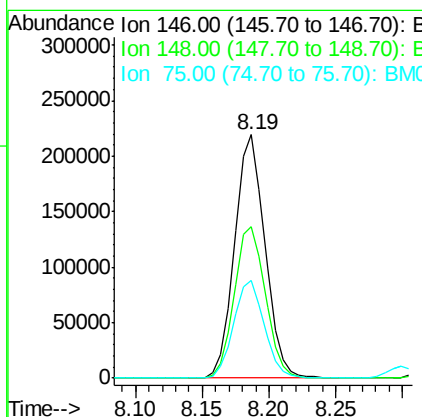
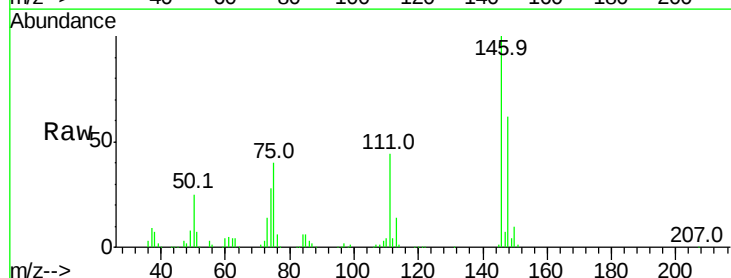
Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

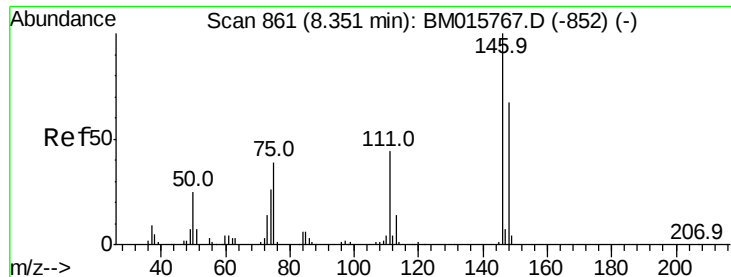
Tot Ion: 93 Resp: 286882
Ion Ratio Lower Upper
93 100
63 83.2 49.5 89.5
95 32.7 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 40.628 ng
RT: 8.19 min Scan# 833
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion: 146 Resp: 347040
Ion Ratio Lower Upper
146 100
148 62.2 50.9 76.3
75 40.4 21.4 32.2#

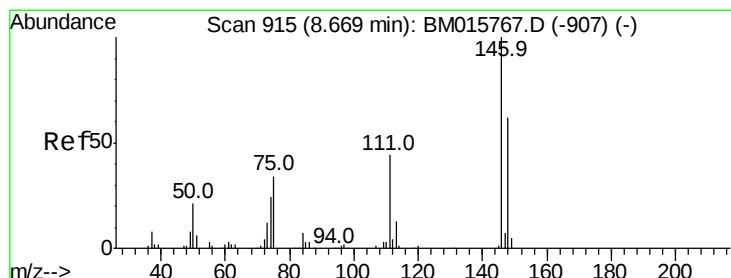
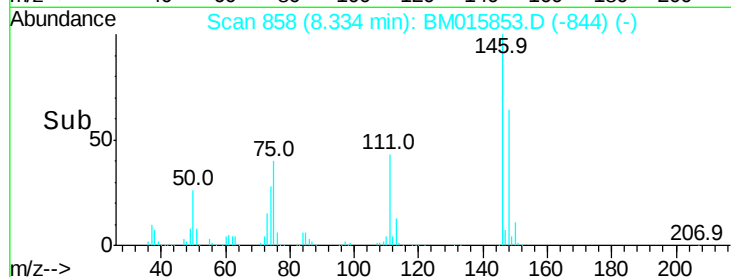
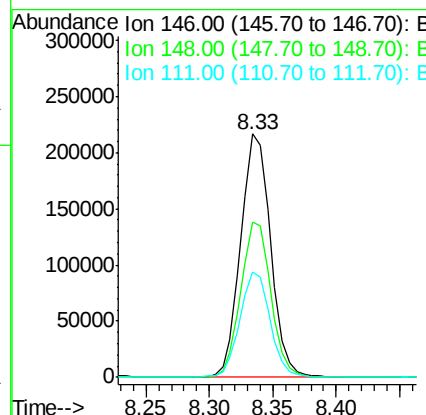
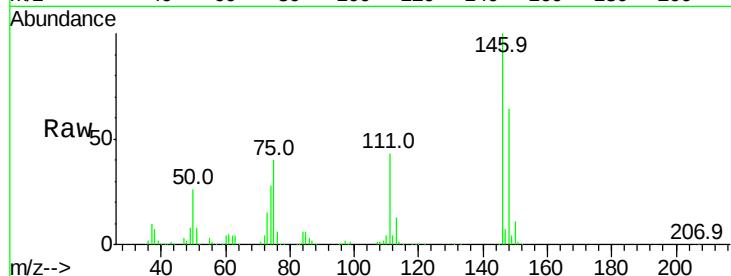




#13
 1,4-Dichlorobenzene
 Concen: 40.251 ng
 RT: 8.33 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BM015853.D
 Acq: 09 Jul 2018 21:17

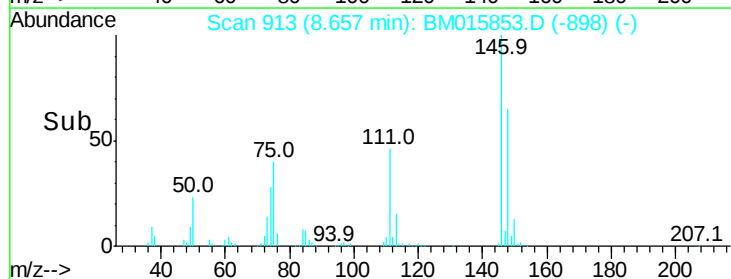
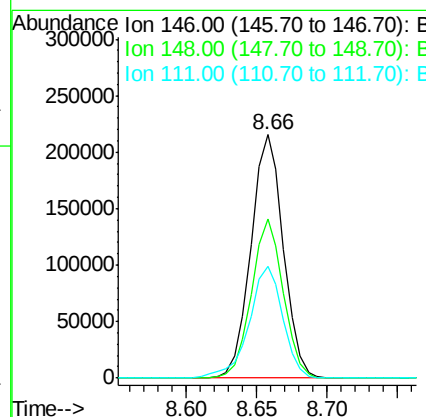
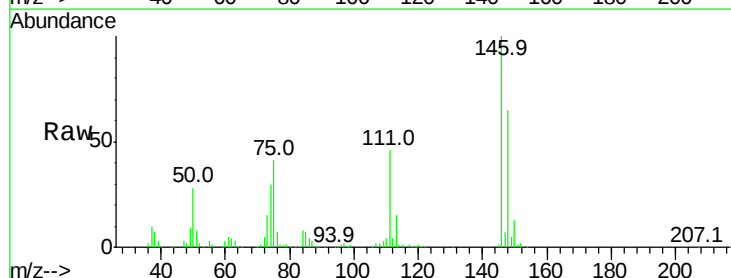
Instrument :
 BNA_M
 ClientSampleId :
 NS-DRUM-2-STONEMSD

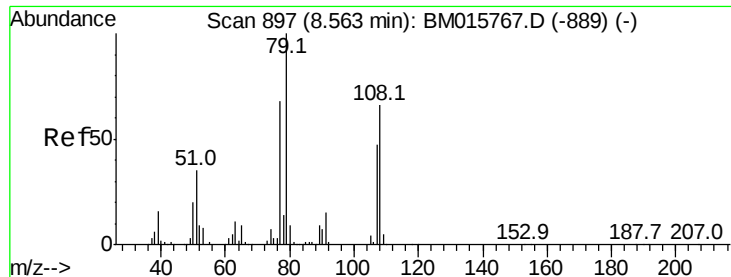
Tot Ion:146 Resp: 355541
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 111 43.1 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 40.513 ng
 RT: 8.66 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BM015853.D
 Acq: 09 Jul 2018 21:17

Tgt Ion:146 Resp: 346086
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.3 78.5
 111 45.7 30.6 45.8

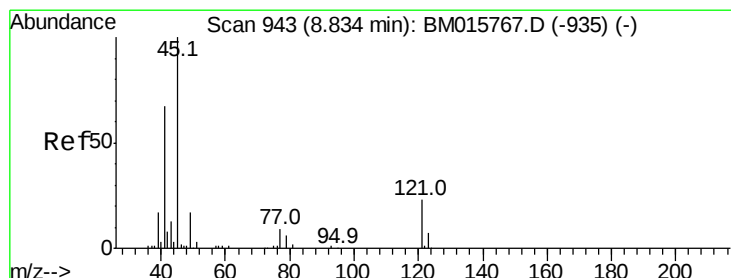
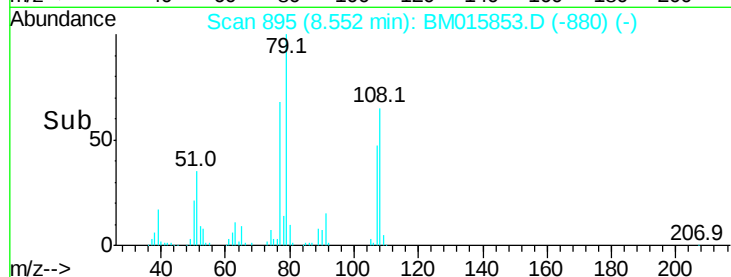
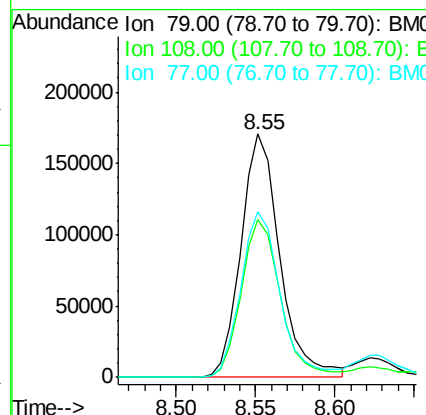
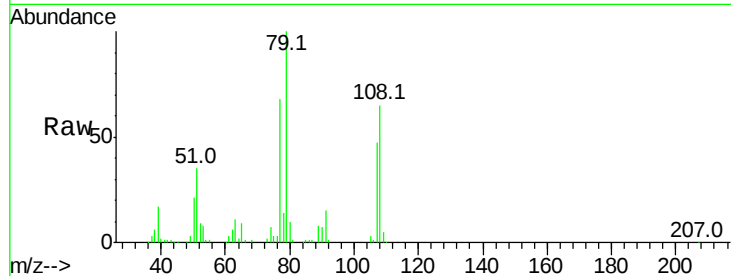




#15
Benzyl Alcohol
Concen: 38.106 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

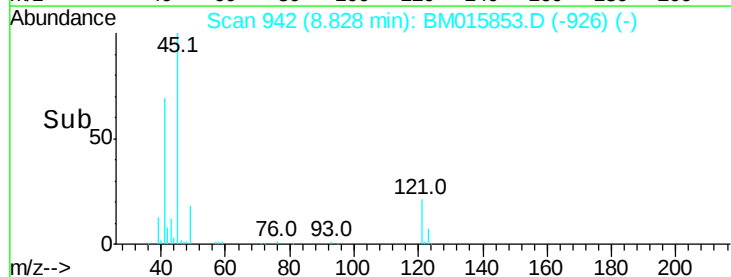
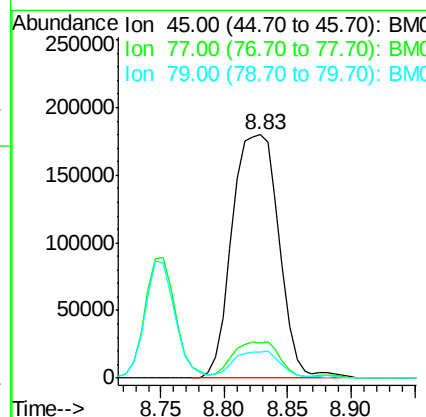
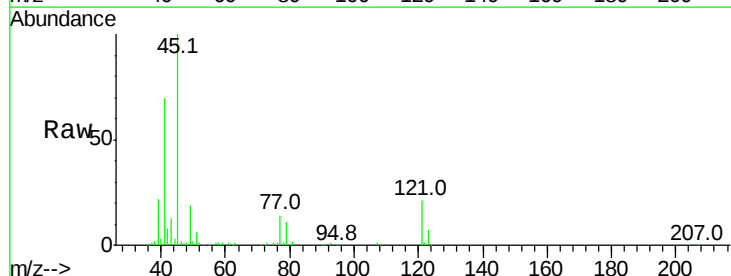
Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

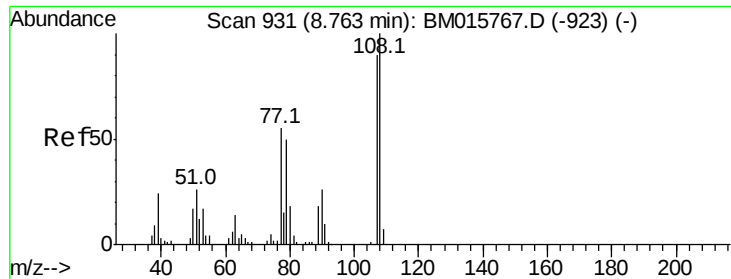
Tot Ion	Ratio	Lower	Upper
79	100		
108	65.1	65.0	97.4
77	67.9	53.0	79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.464 ng
RT: 8.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	35.2
79	10.5	0.0	32.0

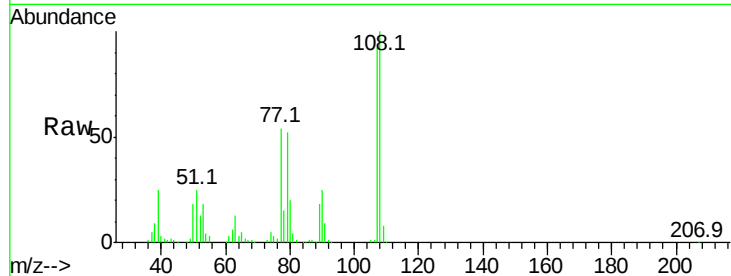




#17
2-Methylphenol
Concen: 40.758 ng
RT: 8.75 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.0	89.8	134.8
77	59.1	32.6	48.8#
79	56.6	32.8	49.2#



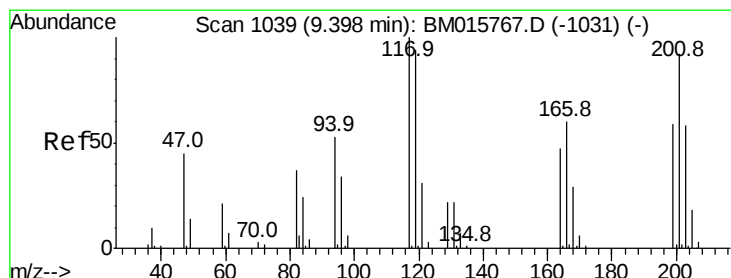
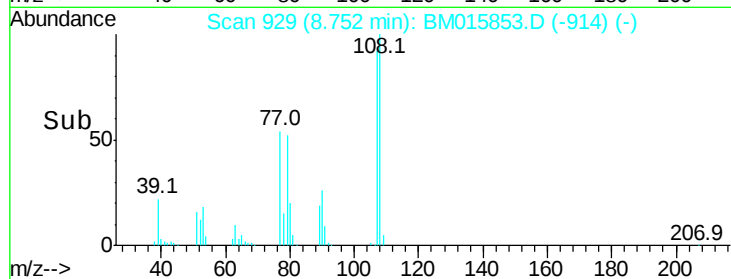
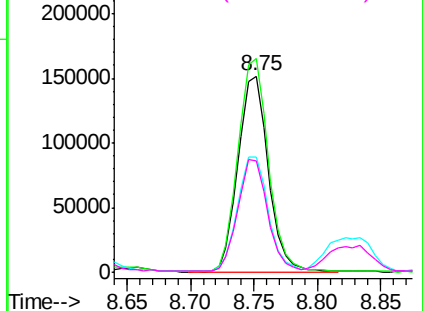
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

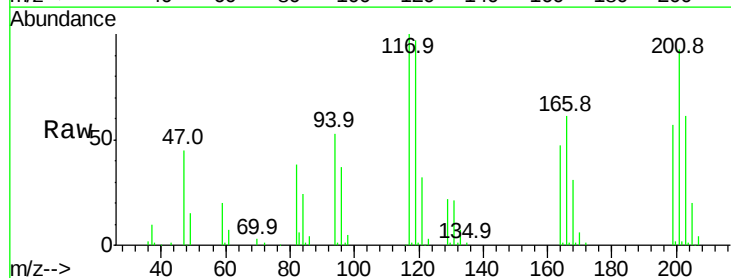
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 42.123 ng
RT: 9.39 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	79.2	118.8
201	93.4	69.8	104.6

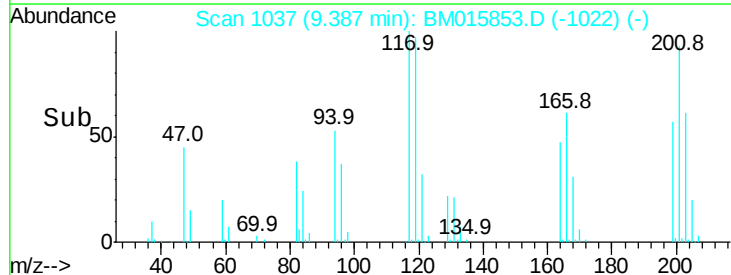
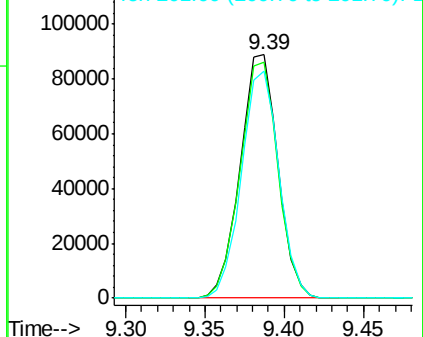


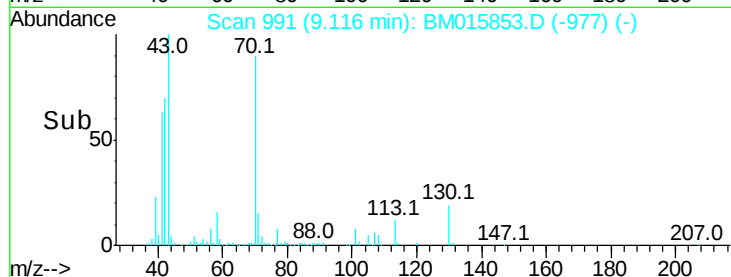
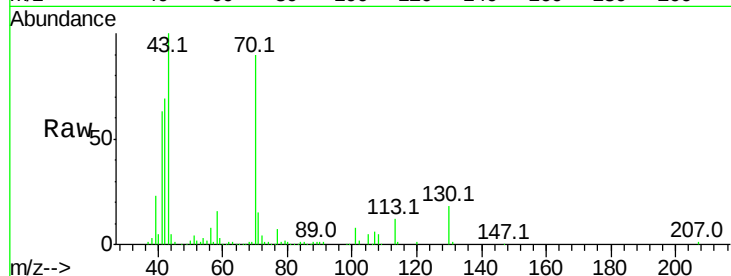
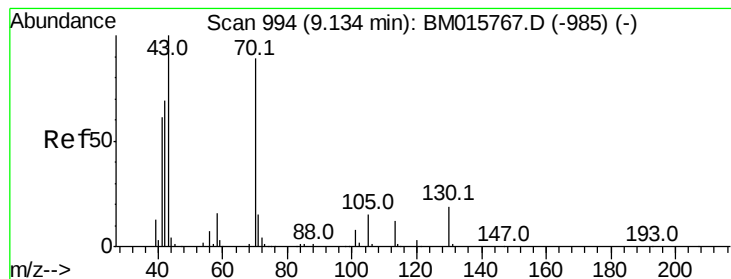
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.013 ng

RT: 9.12 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Instrument :

BNA_M

ClientSampleId :

NS-DRUM-2-STONEMSD

Tot Ion: 70 Resp: 261411

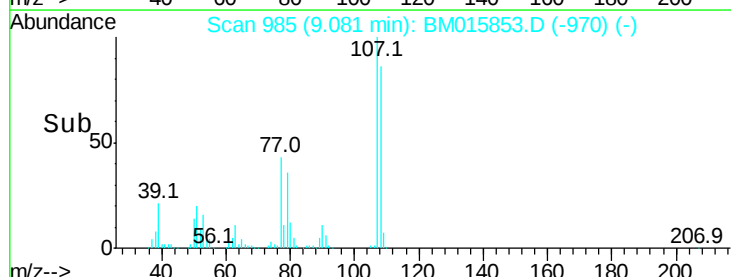
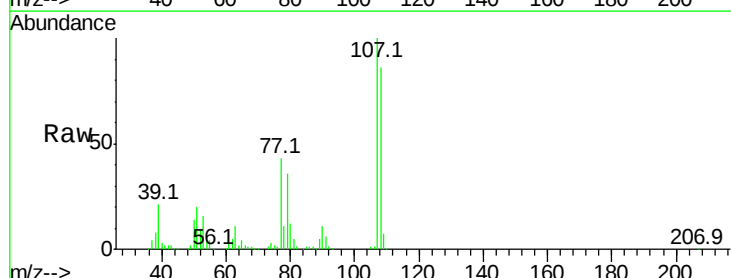
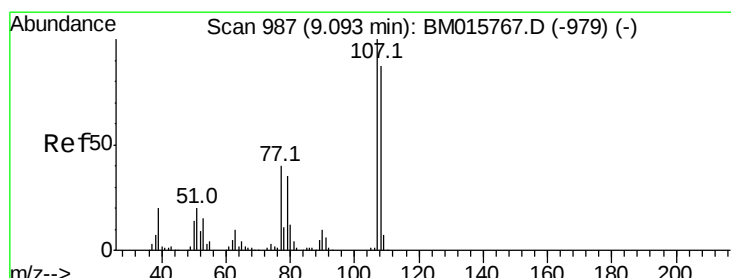
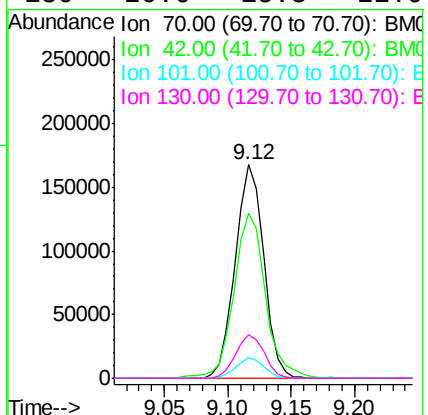
Ion Ratio Lower Upper

70 100

42 77.2 44.5 66.7#

101 9.3 7.4 11.2

130 20.6 15.3 22.9



#20

3+4-Methylphenols

Concen: 38.518 ng

RT: 9.08 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Tgt Ion: 107 Resp: 327307

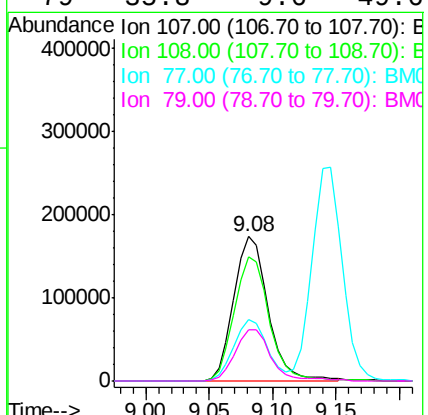
Ion Ratio Lower Upper

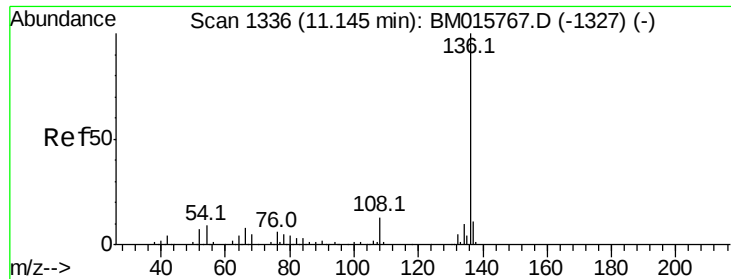
107 100

108 85.6 73.2 113.2

77 42.7 10.7 50.7

79 35.8 9.6 49.6

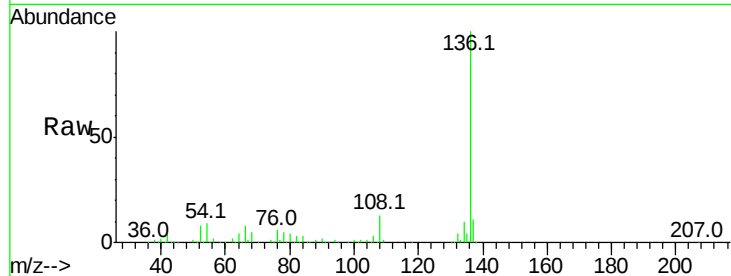




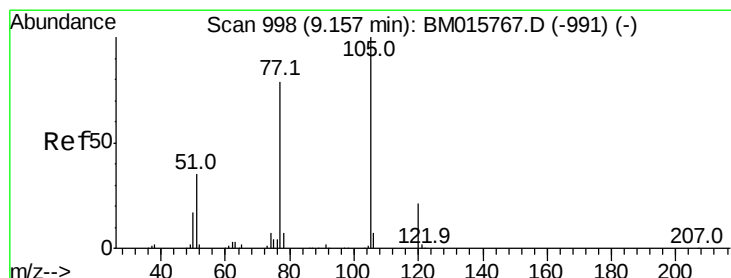
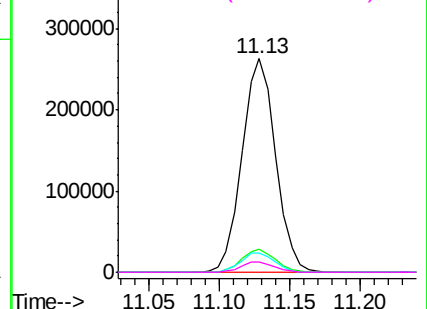
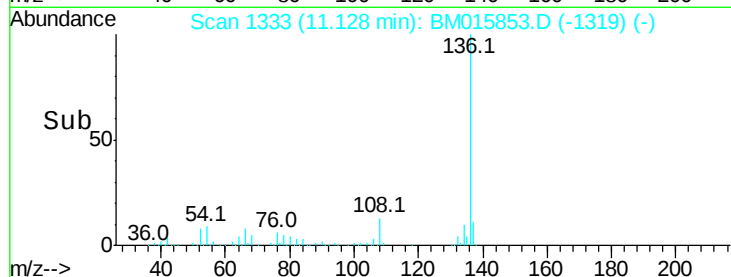
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

Tot Ion:136	Resp:	436109
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.7	13.1
54 9.0	4.6	6.8#
68 4.8	3.7	5.5

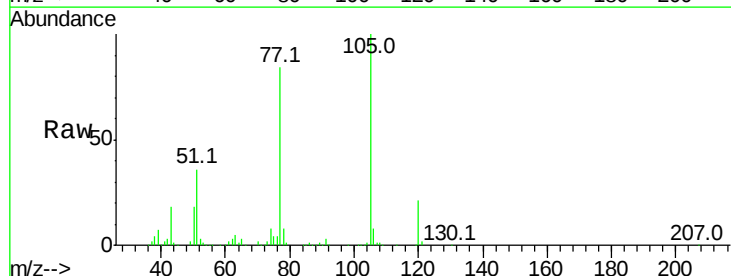


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

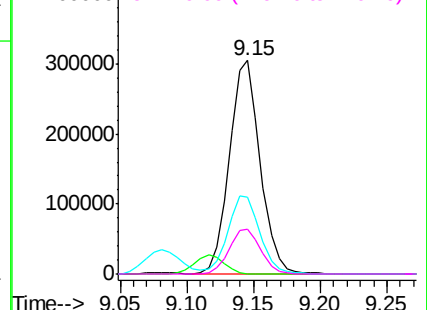
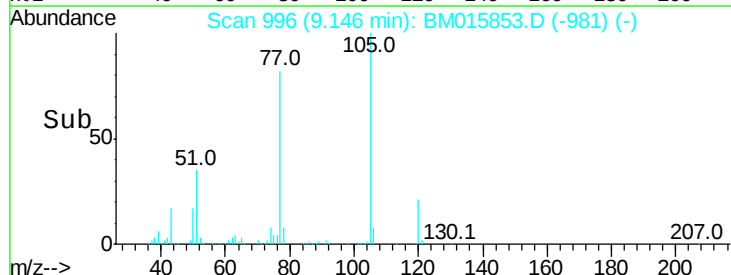


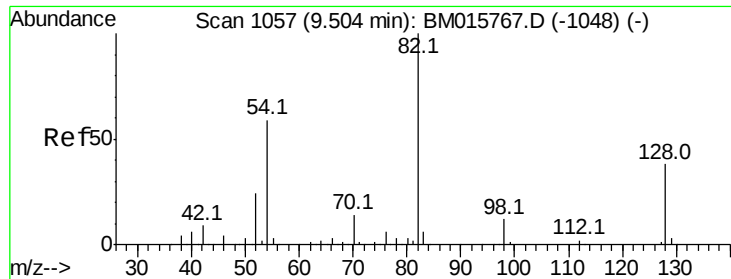
#22
Acetophenone
Concen: 43.038 ng
RT: 9.15 min Scan# 996
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt	Ion:105	Resp:	488945
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.6	1.0#
51	36.0	21.6	32.4#
120	21.2	16.1	24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

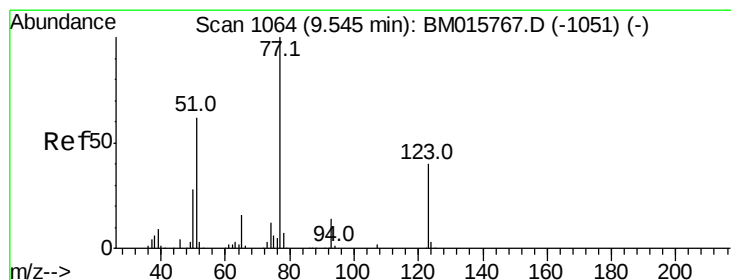
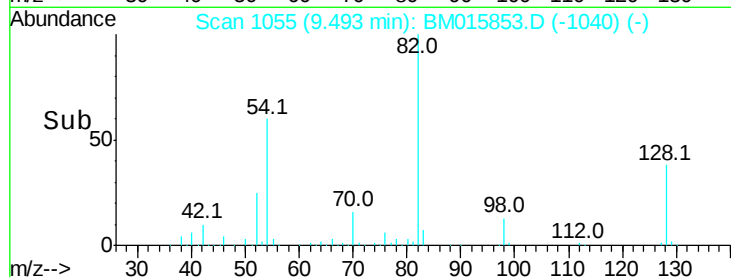
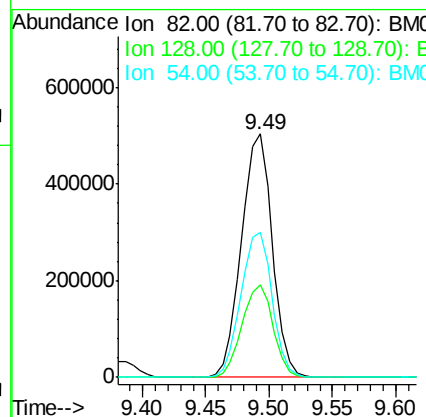
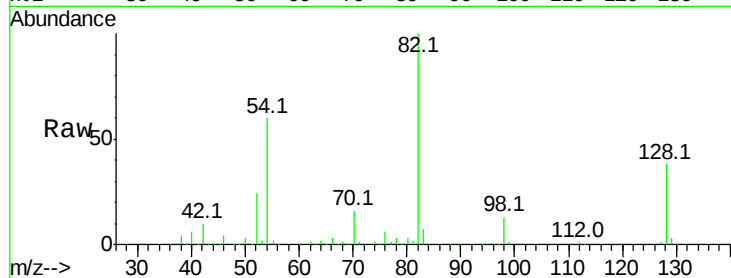




#23
Nitrobenzene-d5
Concen: 43.038 ng
RT: 9.49 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

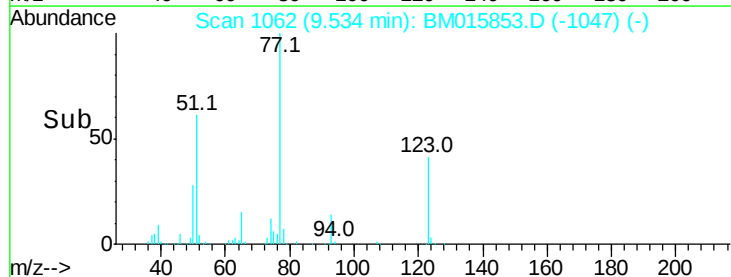
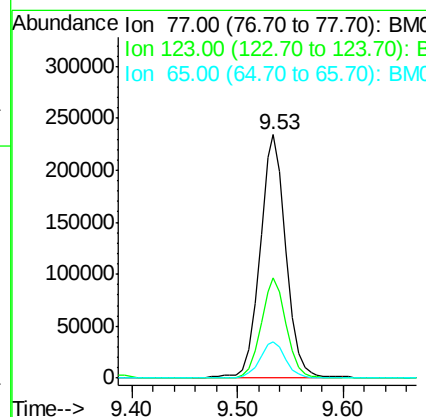
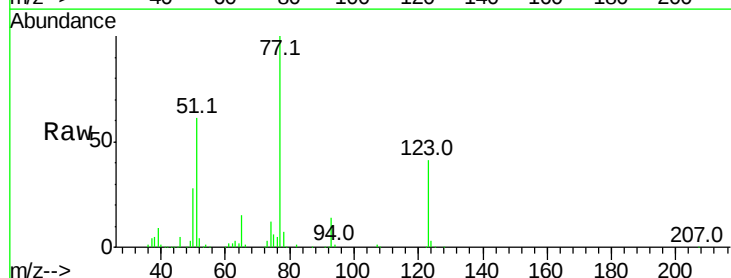
Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

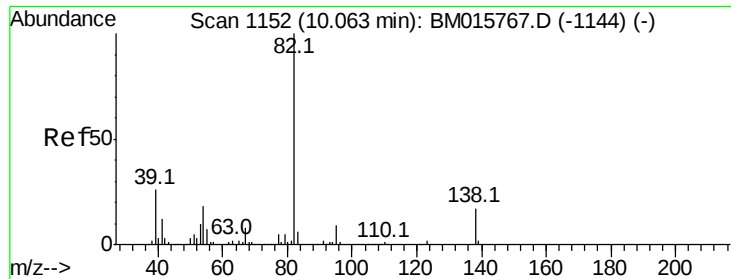
Tot Ion	82	Resp	852069
Ion Ratio	Lower	Upper	
82	100		
128	37.9	32.8	49.2
54	59.6	40.6	60.8



#24
Nitrobenzene
Concen: 45.950 ng
RT: 9.53 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion	77	Resp	399794
Ion Ratio	Lower	Upper	
77	100		
123	41.0	32.6	49.0
65	14.9	10.9	16.3





#25

Isophorone

Concen: 47.943 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Instrument :

BNA_M

ClientSampleId :

NS-DRUM-2-STONEMSD

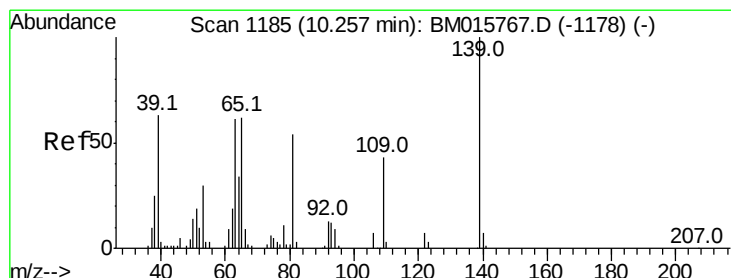
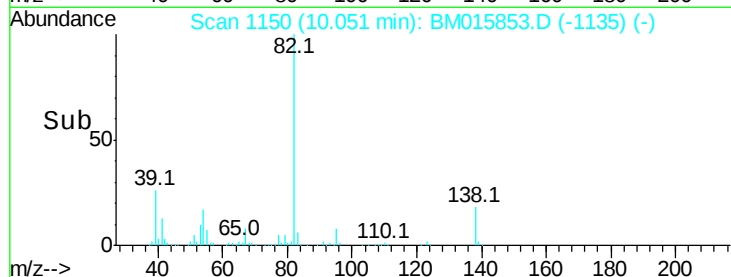
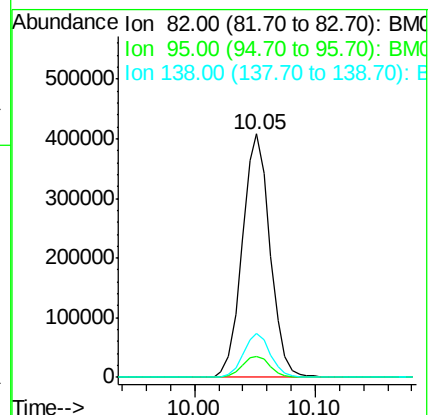
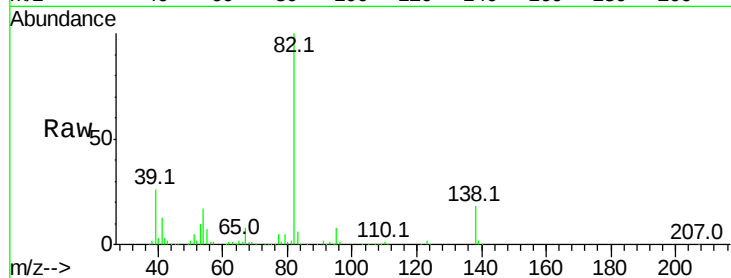
Tot Ion: 82 Resp: 654073

Ion Ratio Lower Upper

82 100

95 8.5 5.8 8.6

138 17.9 16.3 24.5



#26

2-Nitrophenol

Concen: 45.735 ng

RT: 10.25 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

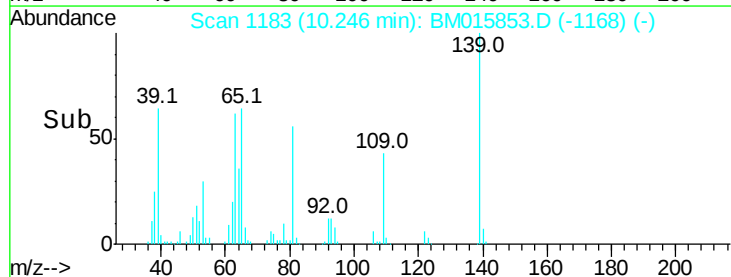
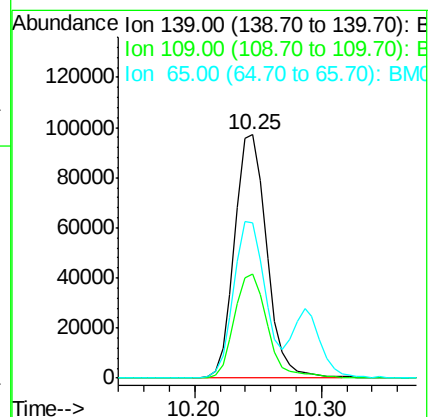
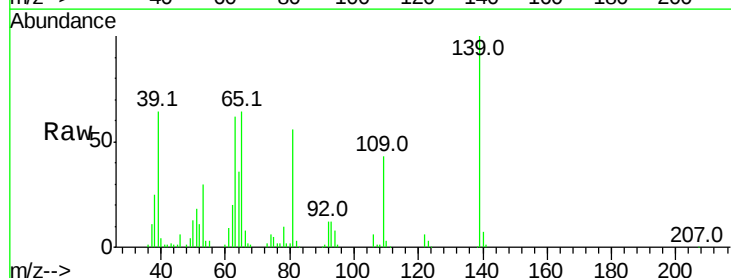
Tgt Ion: 139 Resp: 171351

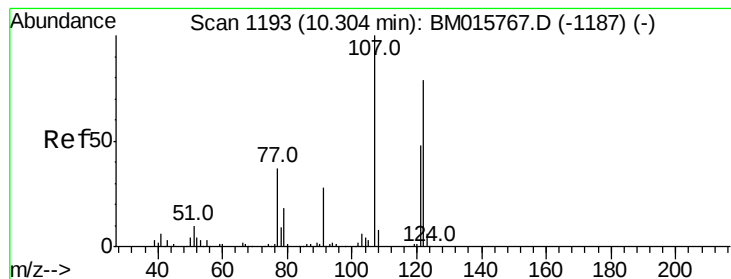
Ion Ratio Lower Upper

139 100

109 42.7 20.1 30.1#

65 63.7 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 51.470 ng

RT: 10.29 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Instrument :

BNA_M

ClientSampleId :

NS-DRUM-2-STONEMSD

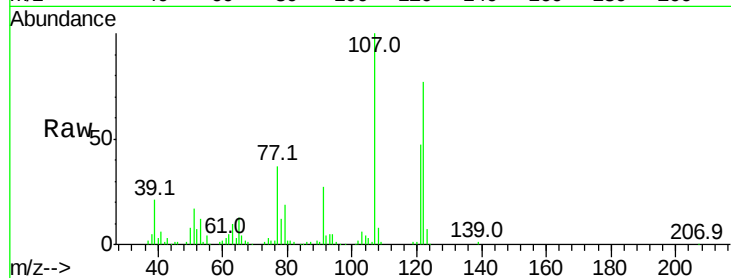
Tot Ion:122 Resp: 292946

Ion Ratio Lower Upper

122 100

107 129.2 84.7 127.1#

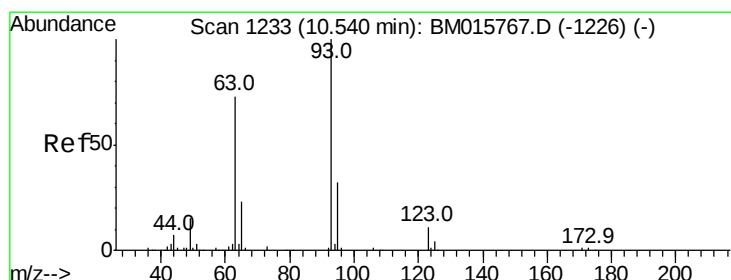
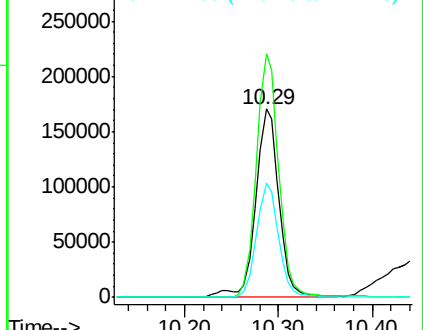
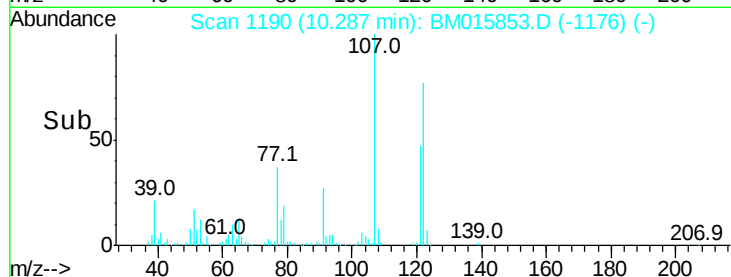
121 61.0 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.780 ng

RT: 10.53 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

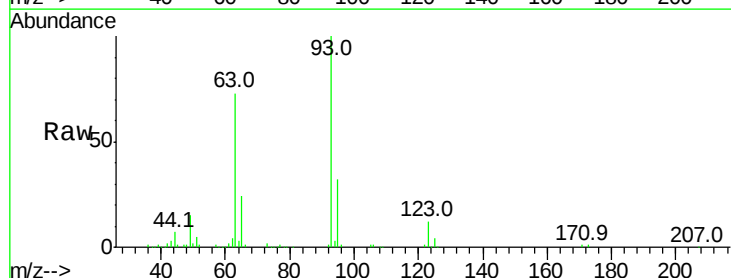
Tgt Ion: 93 Resp: 389127

Ion Ratio Lower Upper

93 100

95 31.7 25.5 38.3

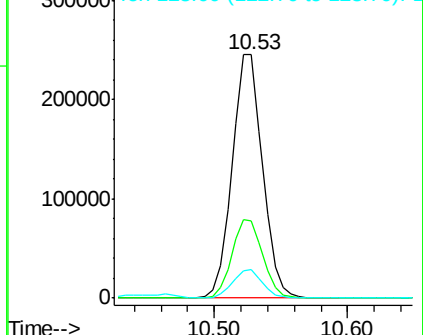
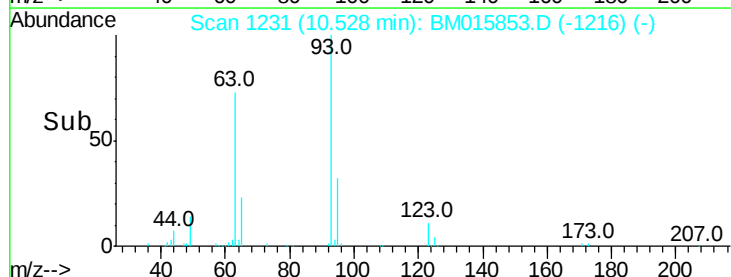
123 11.7 8.6 13.0

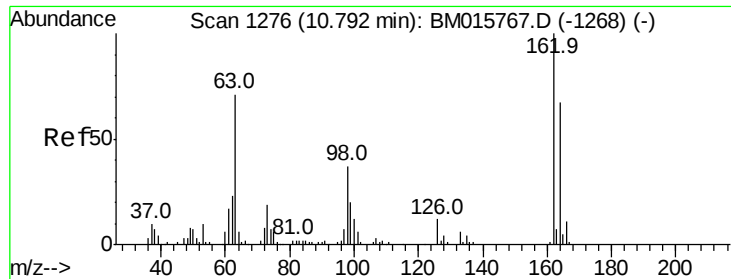


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

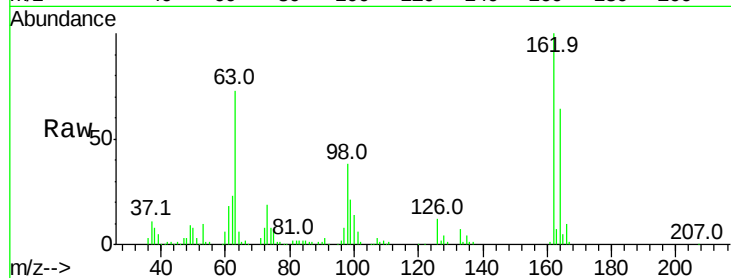




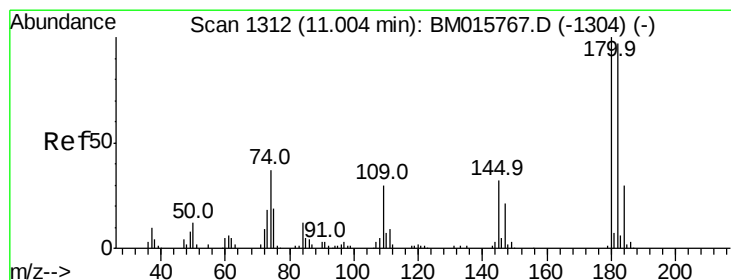
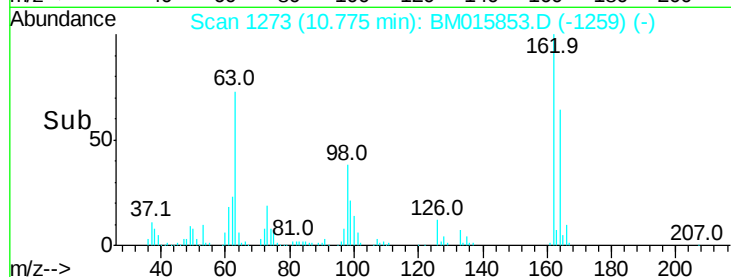
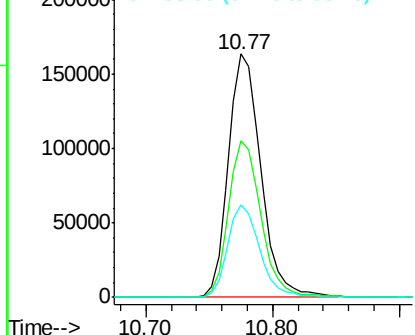
#29
2,4-Dichlorophenol
Concen: 46.078 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

Tot Ion:162 Resp: 290462
Ion Ratio Lower Upper
162 100
164 64.2 42.8 82.8
98 38.1 14.5 54.5

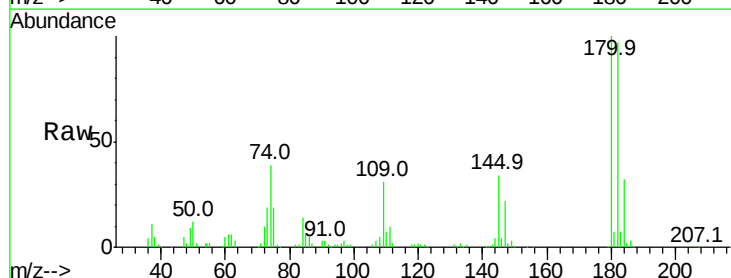


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

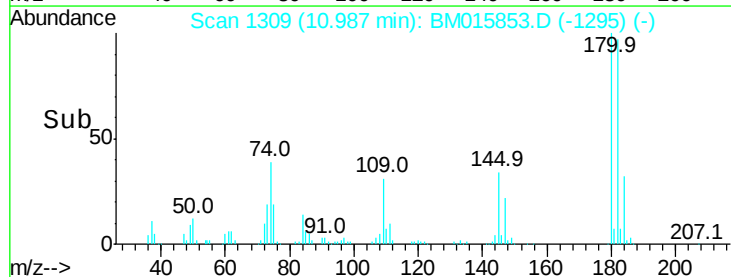
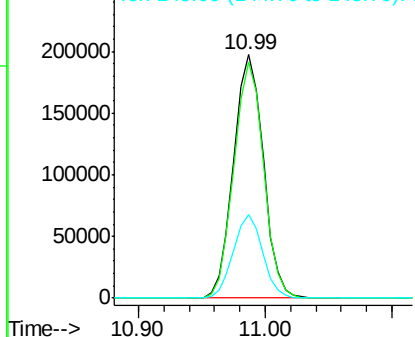


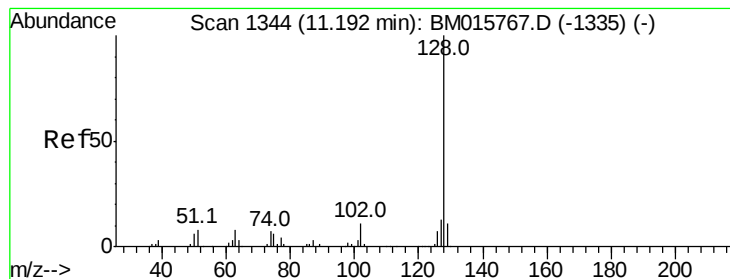
#30
1,2,4-Trichlorobenzene
Concen: 43.879 ng
RT: 10.99 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion:180 Resp: 321264
Ion Ratio Lower Upper
180 100
182 97.1 77.6 116.4
145 34.2 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.968 ng

RT: 11.18 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Instrument :

BNA_M

ClientSampleId :

NS-DRUM-2-STONEMSD

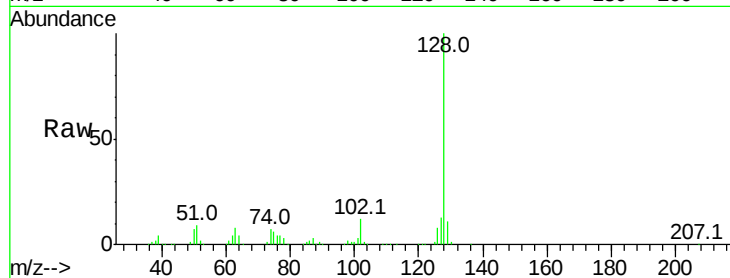
Tot Ion:128 Resp: 994139

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

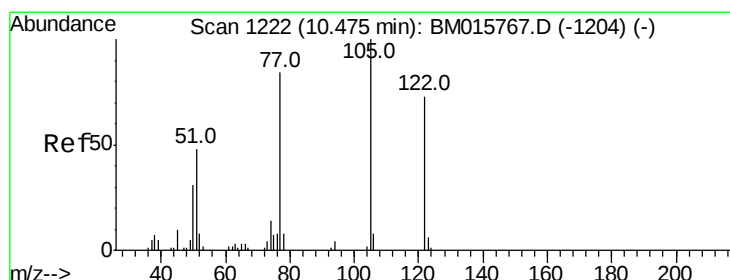
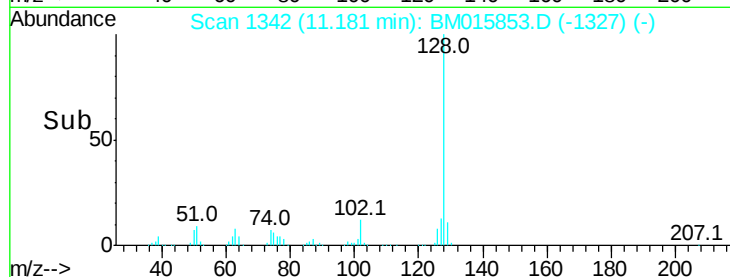
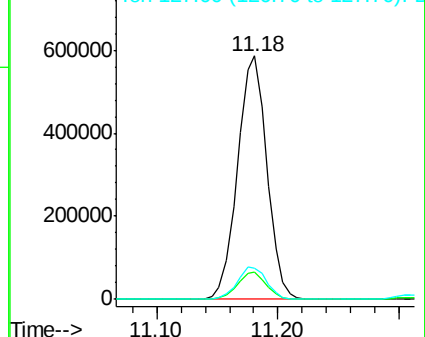
127 12.9 10.4 15.6



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: 31.388 ng

RT: 10.46 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

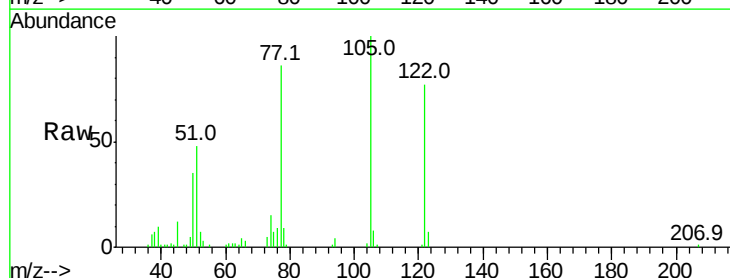
Tgt Ion:122 Resp: 158170

Ion Ratio Lower Upper

122 100

105 129.9 99.9 139.9

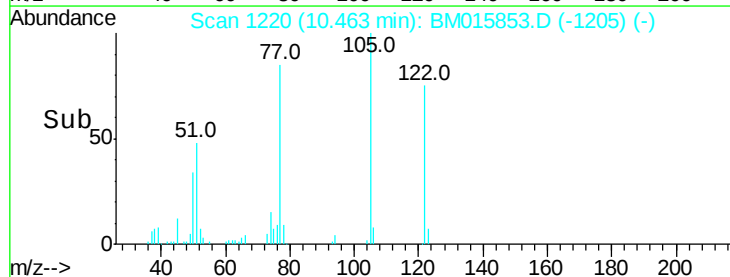
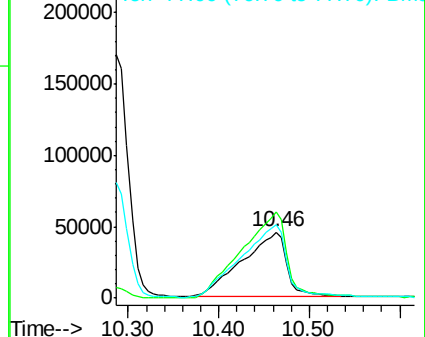
77 111.5 73.7 113.7

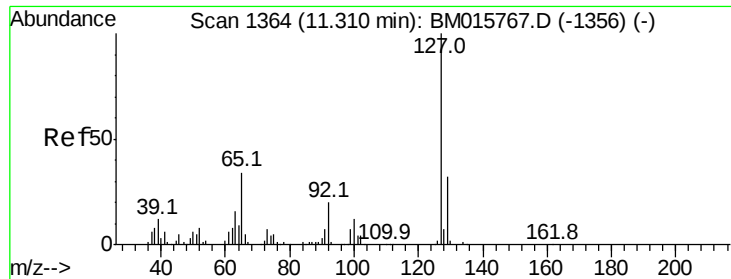


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

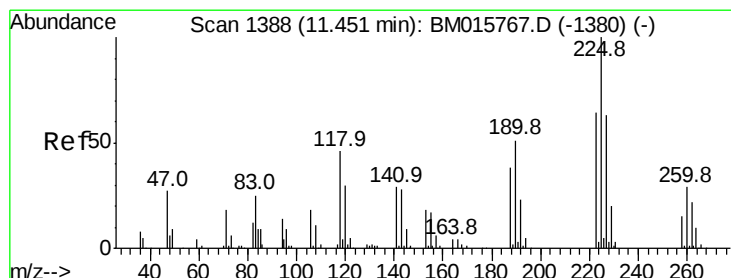
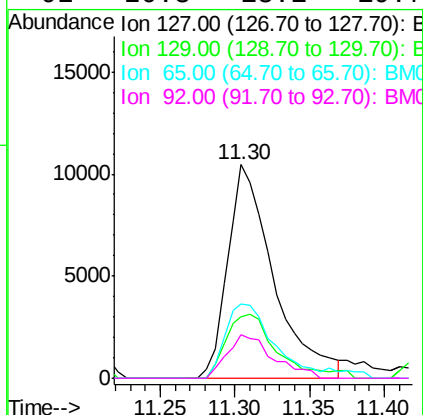
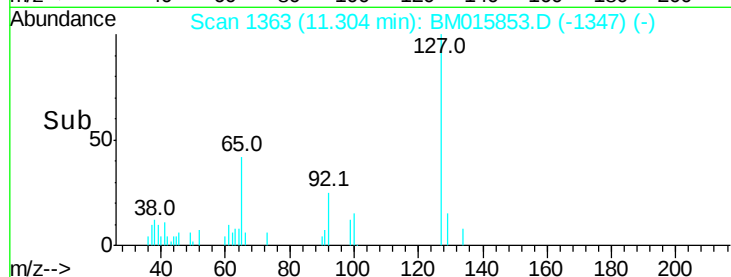
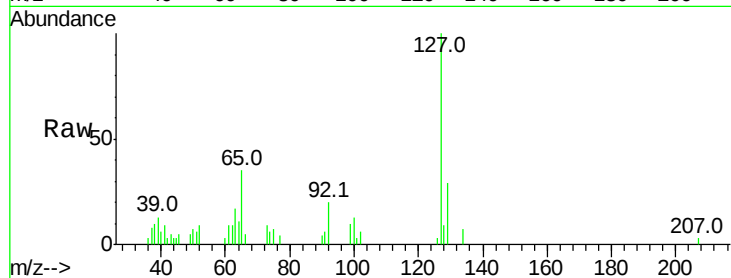




#33
4-Chloroaniline
Concen: 2.443 ng
RT: 11.30 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

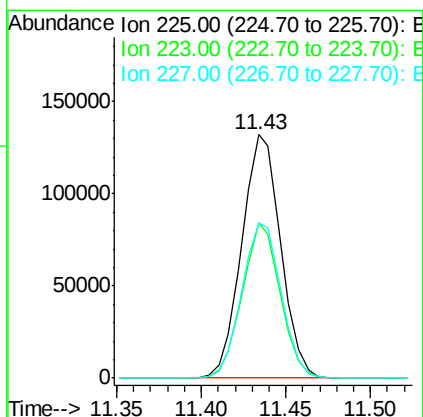
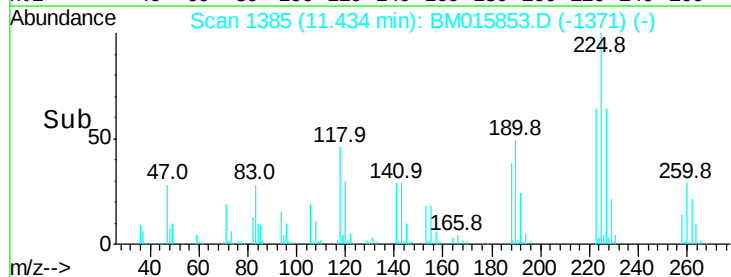
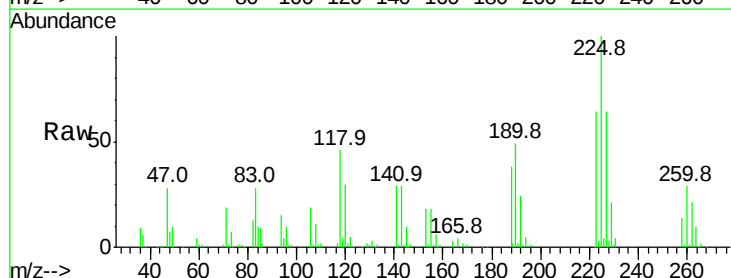
Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

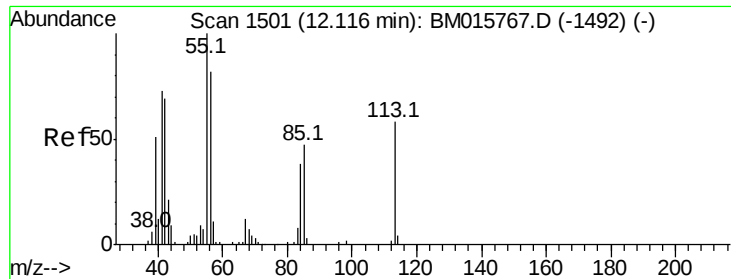
Tot Ion:127 Resp: 22522
Ion Ratio Lower Upper
127 100
129 28.5 25.3 37.9
65 35.0 17.6 26.4#
92 20.3 13.1 19.7#



#34
Hexachlorobutadiene
Concen: 43.215 ng
RT: 11.43 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion:225 Resp: 211164
Ion Ratio Lower Upper
225 100
223 63.8 47.9 71.9
227 63.9 50.1 75.1





#35

Caprolactam

Concen: 25.919 ng

RT: 12.09 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Instrument :

BNA_M

ClientSampleId :

NS-DRUM-2-STONEMSD

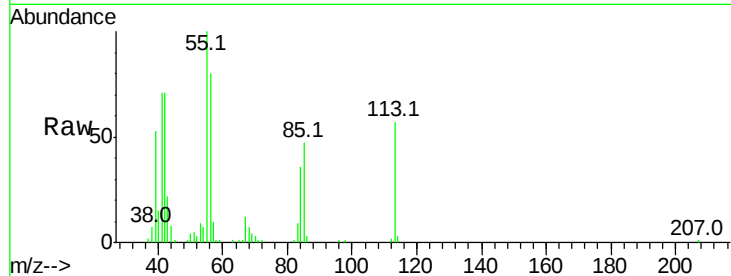
Tot Ion:113 Resp: 54186

Ion Ratio Lower Upper

113 100

55 175.6 145.9 185.9

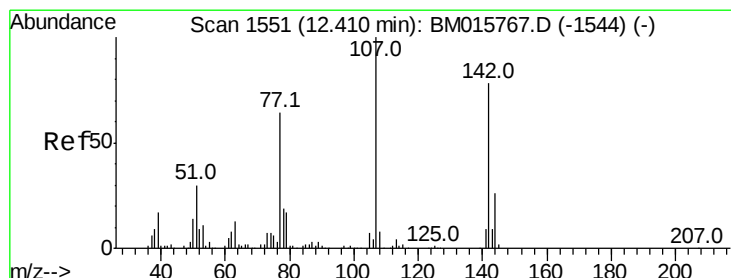
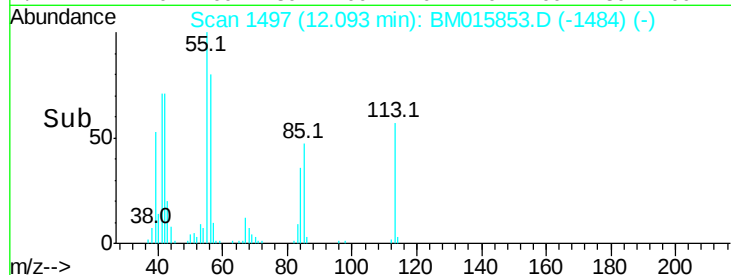
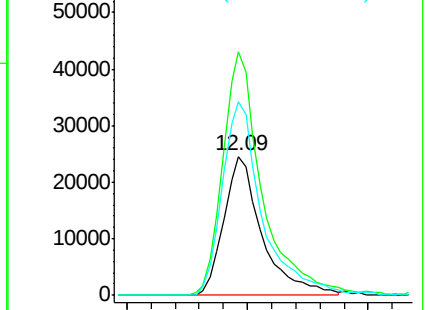
56 139.8 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 39.854 ng

RT: 12.40 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

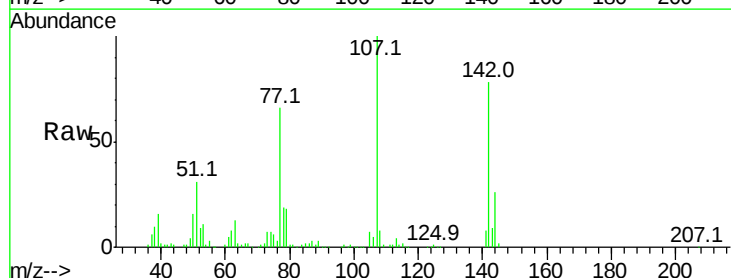
Tgt Ion:107 Resp: 288265

Ion Ratio Lower Upper

107 100

144 25.7 23.3 34.9

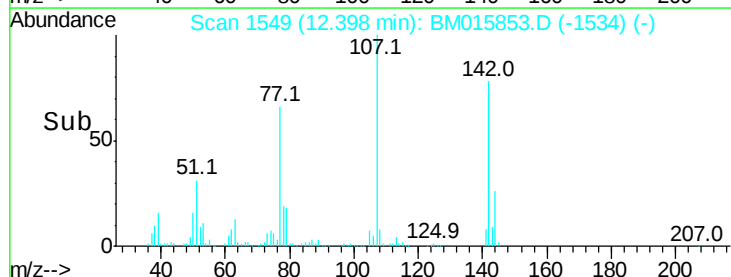
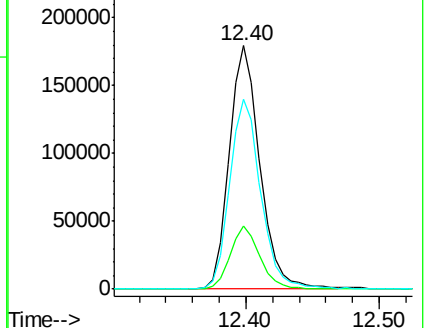
142 78.0 72.6 109.0

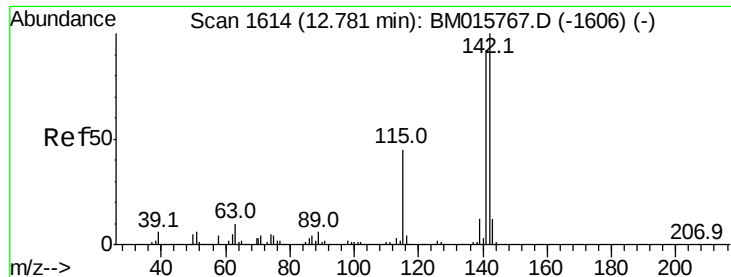


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

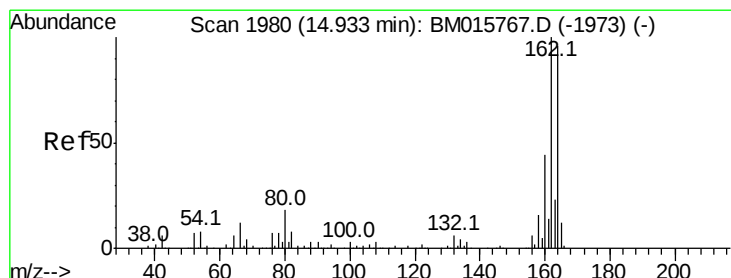
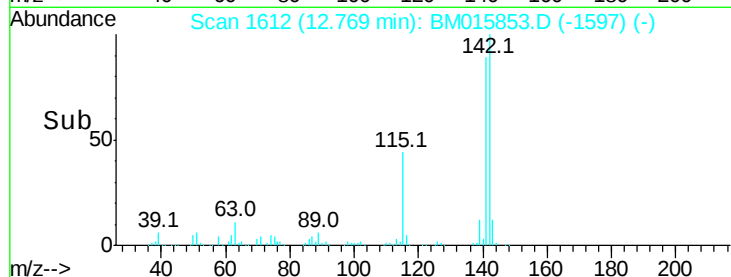
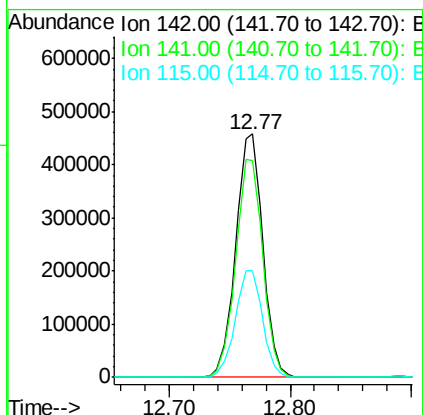
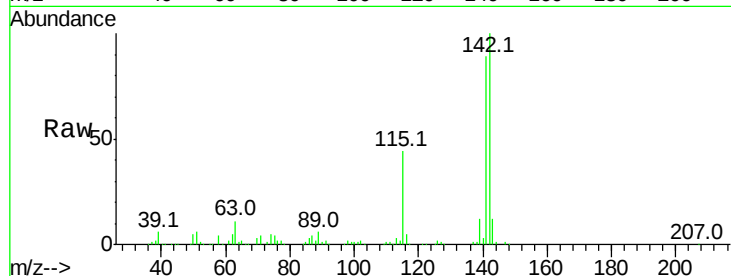




#37
2-Methylnaphthalene
Concen: 44.523 ng
RT: 12.77 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

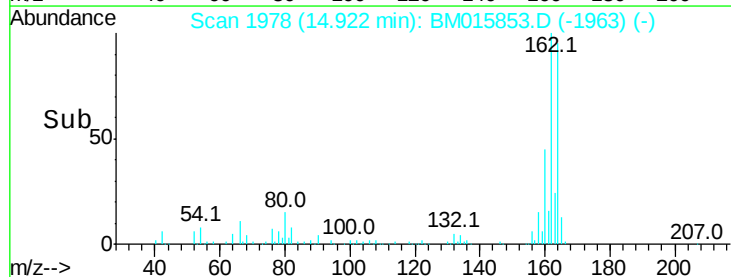
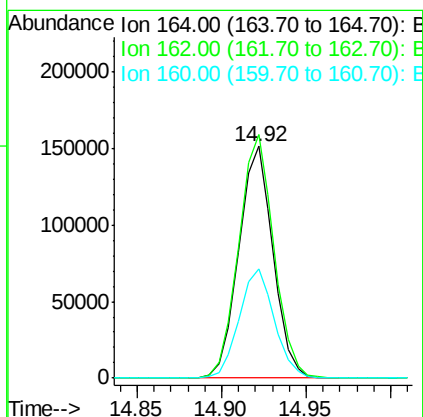
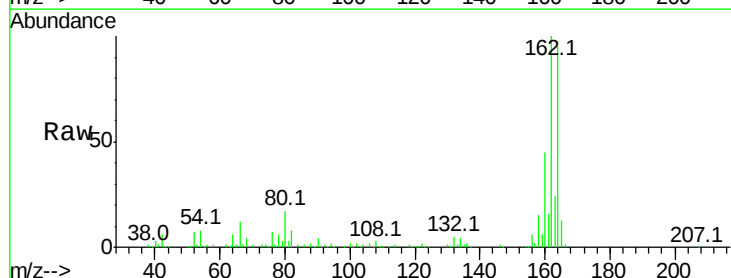
Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

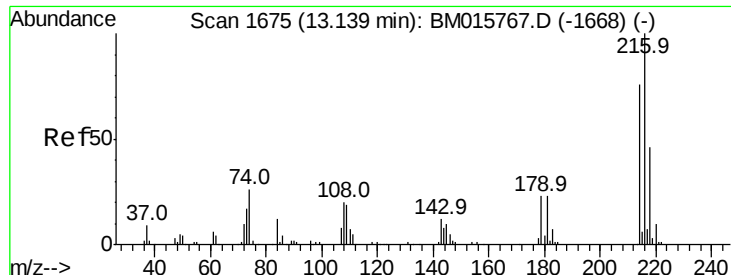
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.9	107.9
115	43.8	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.4	123.6
160	47.3	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.721 ng

RT: 13.13 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Instrument :

BNA_M

ClientSampleId :

NS-DRUM-2-STONEMSD

Tot Ion:216 Resp: 340421

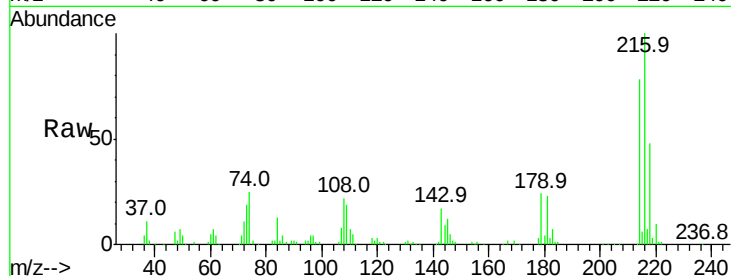
Ion Ratio Lower Upper

216 100

214 78.9 0.0 0.0#

179 23.9 0.0 0.0#

108 21.8 0.0 0.0#

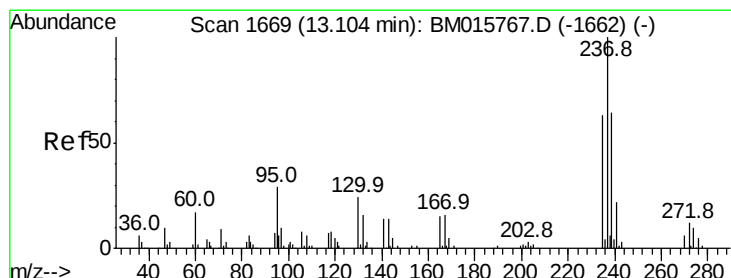
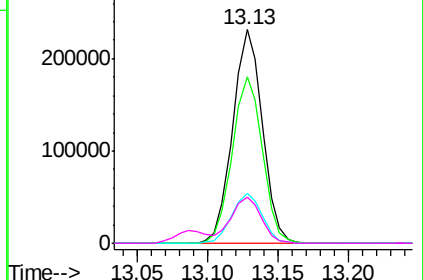
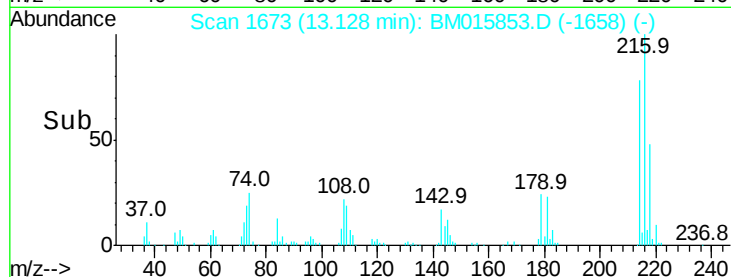


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 115.791 ng

RT: 13.09 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

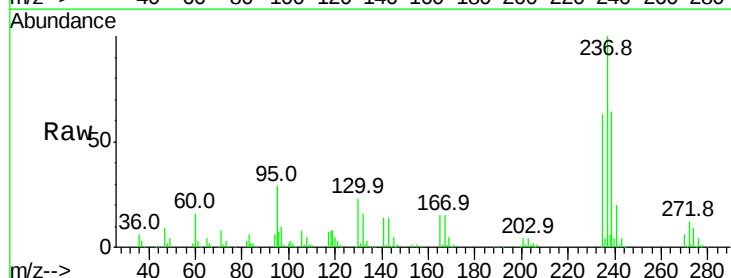
Tgt Ion:237 Resp: 385533

Ion Ratio Lower Upper

237 100

235 62.7 42.0 82.0

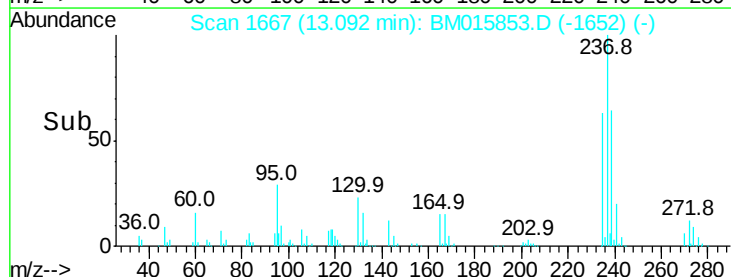
272 12.1 0.0 33.4



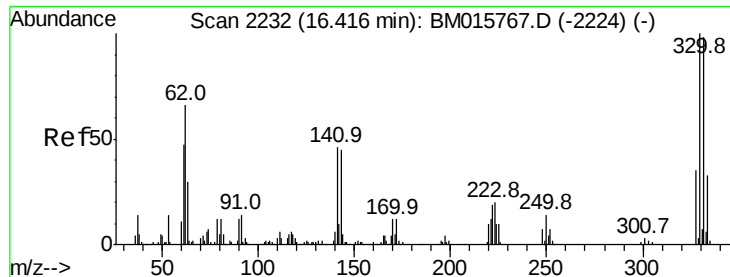
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



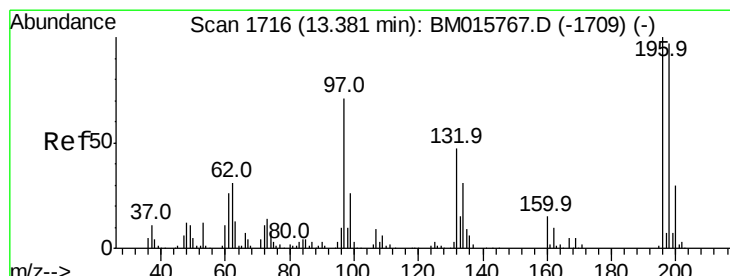
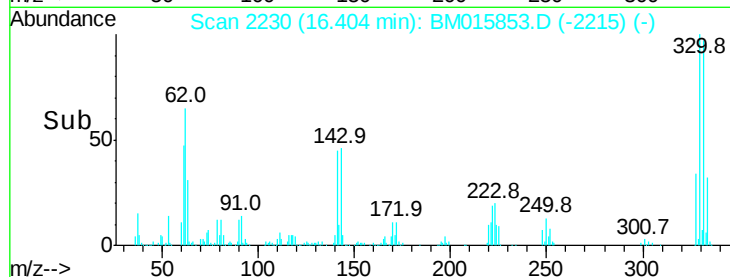
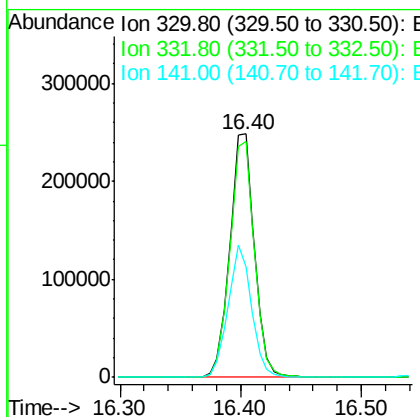
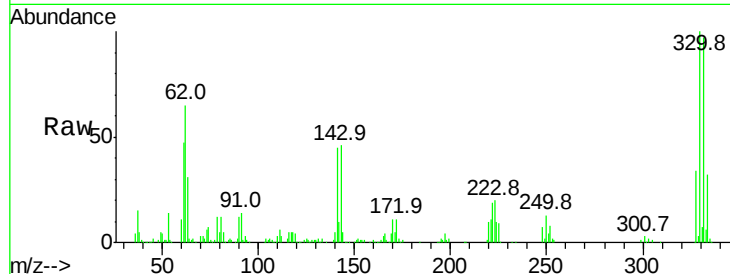
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 115.791 ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015853.D
 Acq: 09 Jul 2018 21:17

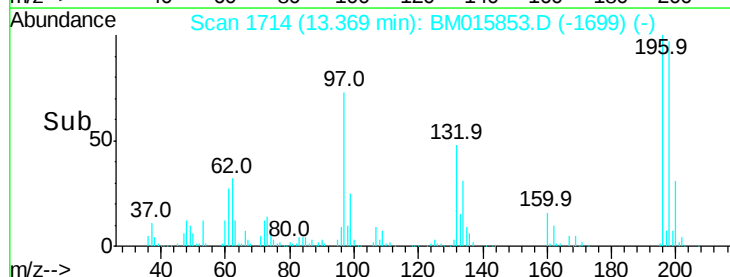
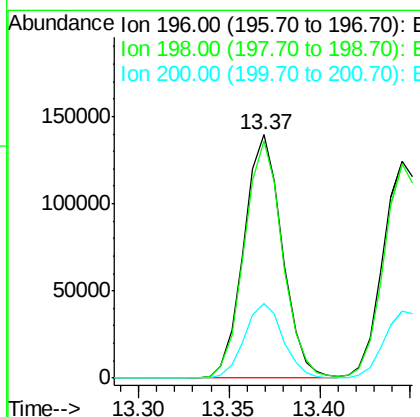
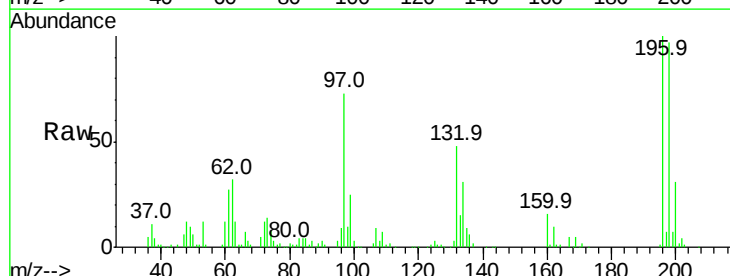
Instrument :
 BNA_M
 ClientSampleId :
 NS-DRUM-2-STONEMSD

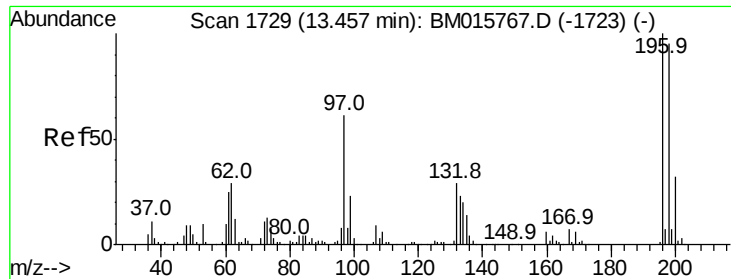
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	51.7	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 47.542 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM015853.D
 Acq: 09 Jul 2018 21:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.3	114.5
200	30.6	25.6	38.4

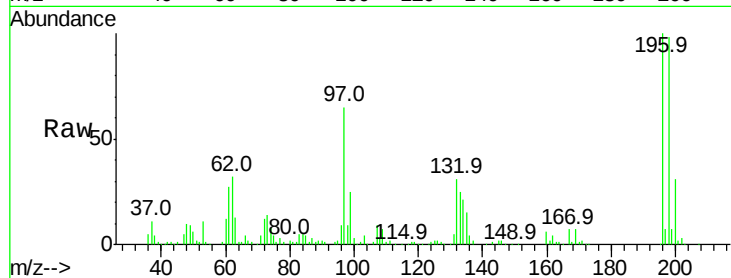




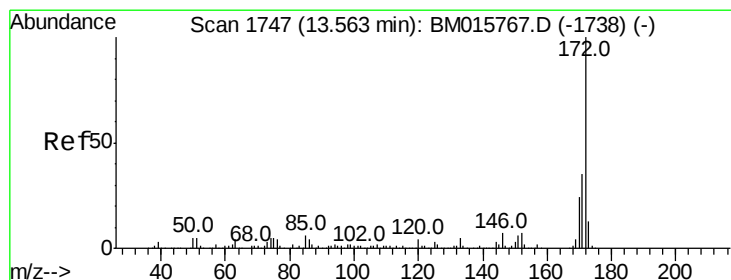
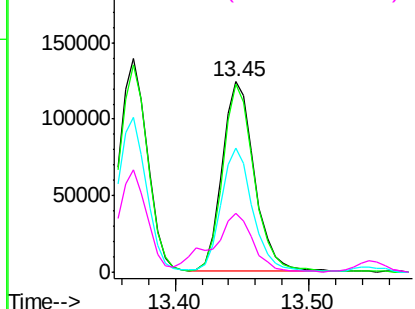
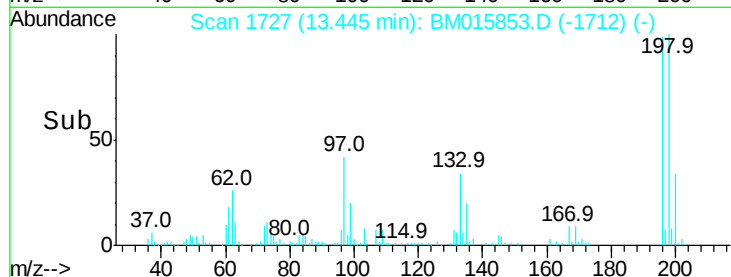
#43
 2,4,5-Trichlorophenol
 Concen: 44.326 ng
 RT: 13.45 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM015853.D
 Acq: 09 Jul 2018 21:17

Instrument :
 BNA_M
 ClientSampleId :
 NS-DRUM-2-STONEMSD

Tot Ion:196 Resp: 207232
 Ion Ratio Lower Upper
 196 100
 198 98.5 79.4 119.0
 97 65.0 26.8 40.2#
 132 31.1 18.6 28.0#

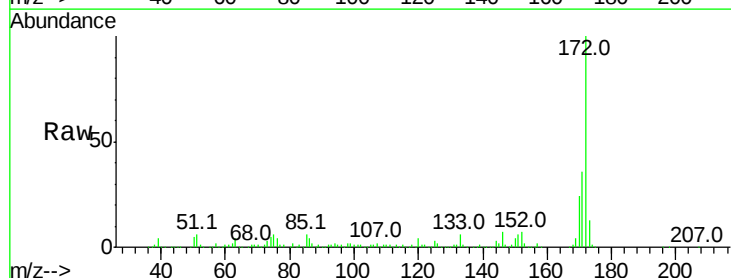


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

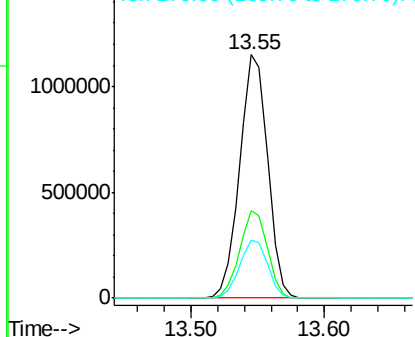
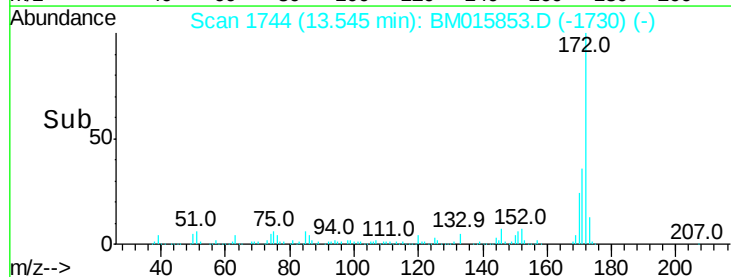


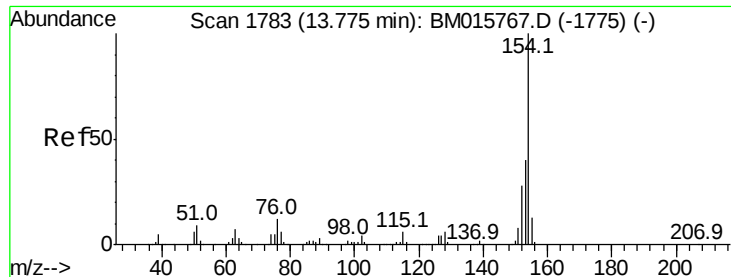
#44
 2-Fluorobiphenyl
 Concen: 44.326 ng
 RT: 13.55 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015853.D
 Acq: 09 Jul 2018 21:17

Tgt Ion:172 Resp: 1665506
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 24.0 18.8 28.2



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





#45

1,1'-Biphenyl

Concen: 47.102 ng

RT: 13.76 min Scan# 1780

Delta R.T. -0.02 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Instrument :

BNA_M

ClientSampleId :

NS-DRUM-2-STONEMSD

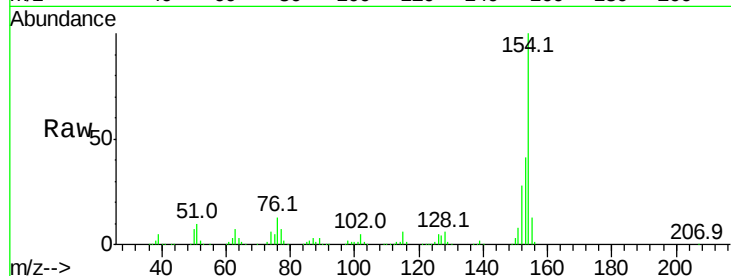
Tot Ion:154 Resp: 868722

Ion Ratio Lower Upper

154 100

153 40.6 20.7 60.7

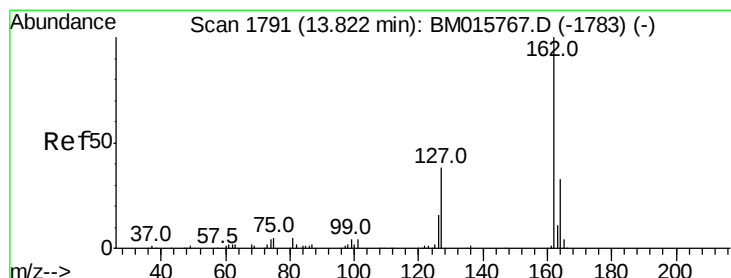
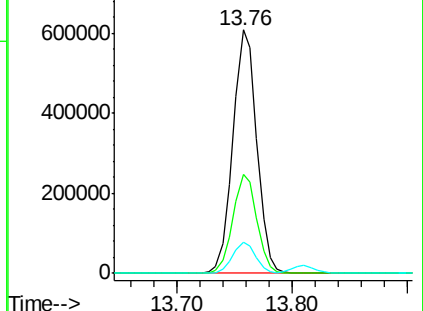
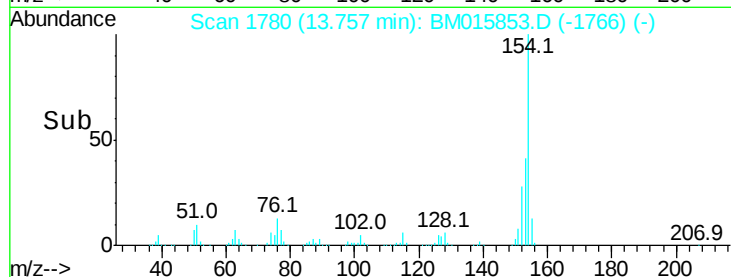
76 12.6 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM0



#46

2-Chloronaphthalene

Concen: 47.868 ng

RT: 13.81 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

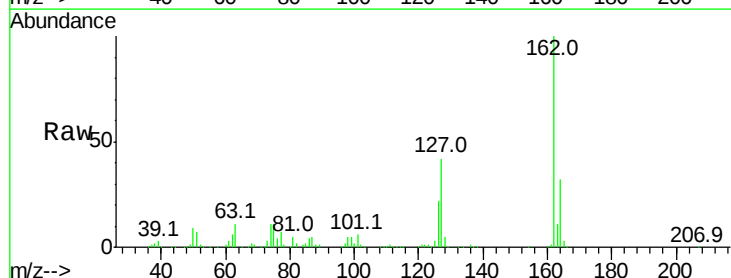
Tgt Ion:162 Resp: 660091

Ion Ratio Lower Upper

162 100

127 42.5 26.9 40.3#

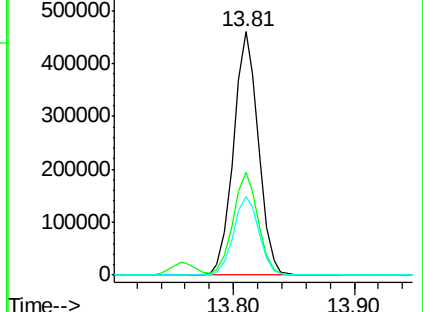
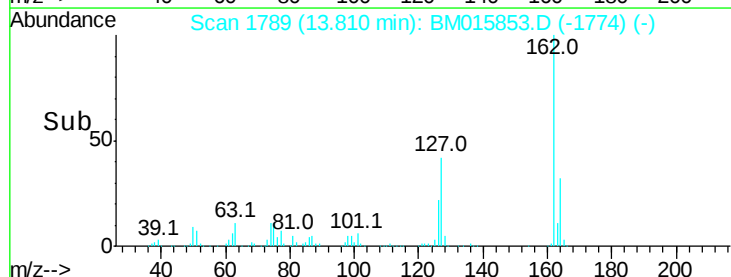
164 32.2 26.8 40.2

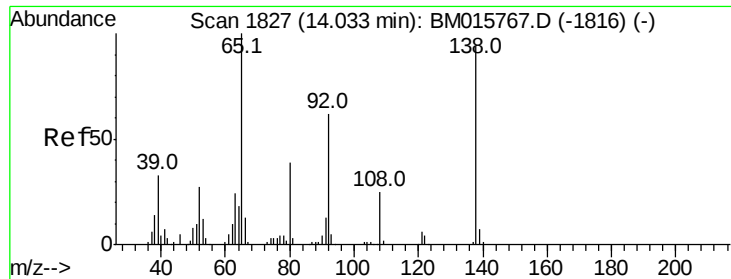


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.212 ng

RT: 14.02 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Instrument :

BNA_M

ClientSampleId :

NS-DRUM-2-STONEMSD

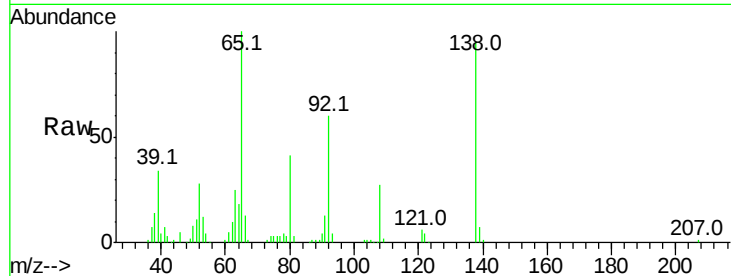
Tot Ion: 65 Resp: 193375

Ion Ratio Lower Upper

65 100

92 59.6 59.1 88.7

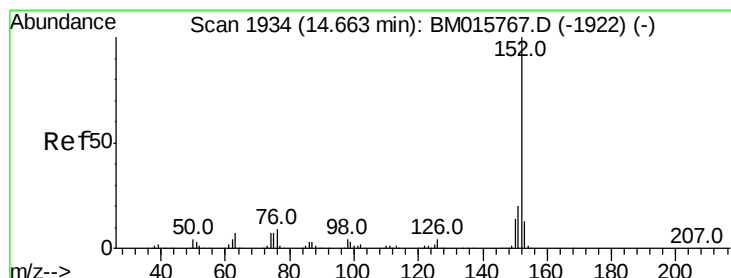
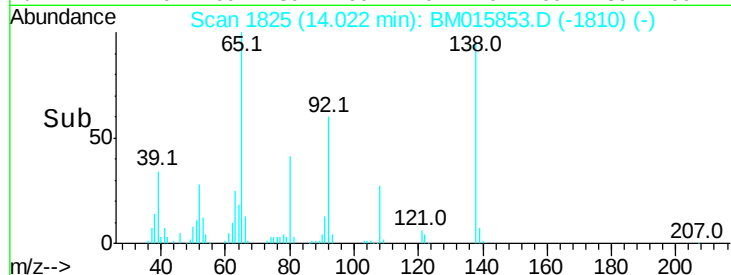
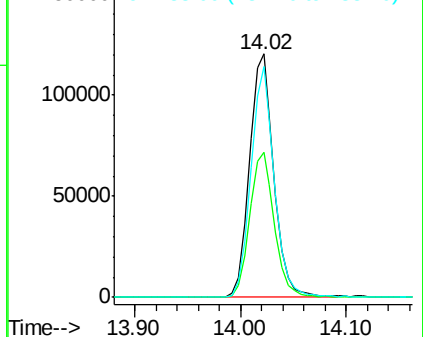
138 94.8 93.9 140.9



Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 45.504 ng

RT: 14.65 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

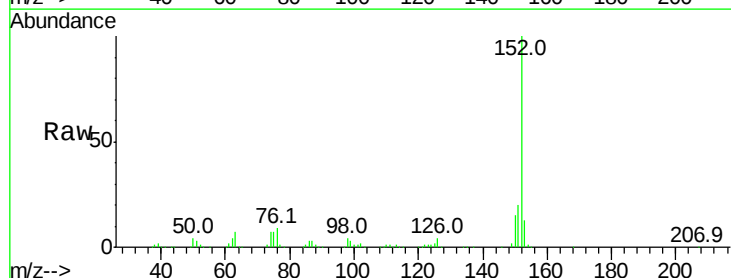
Tgt Ion: 152 Resp: 1020780

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

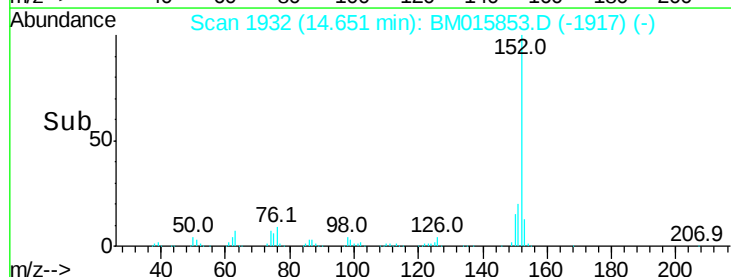
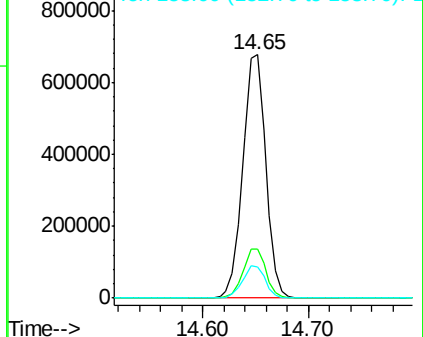
153 12.9 10.6 16.0

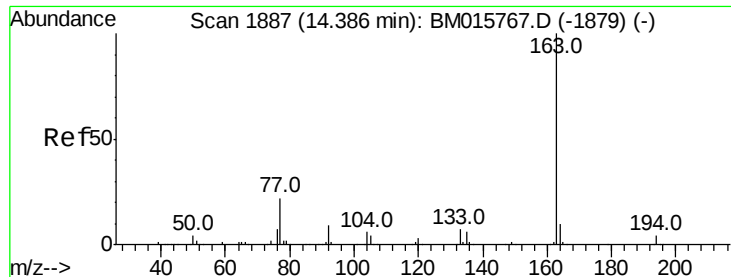


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 40.680 ng

RT: 14.37 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Instrument :

BNA_M

ClientSampleId :

NS-DRUM-2-STONEMSD

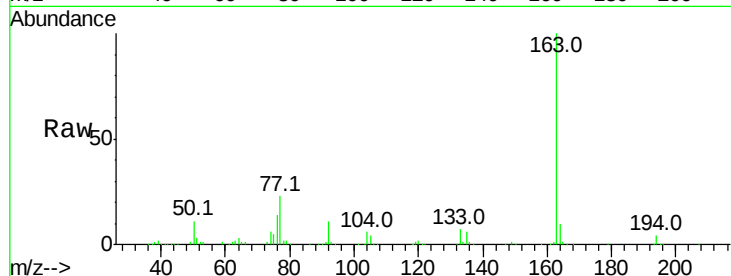
Tot Ion:163 Resp: 765331

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

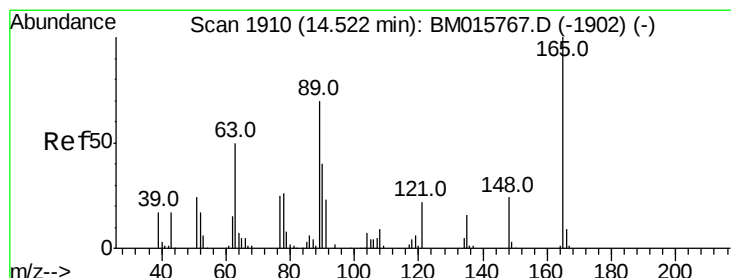
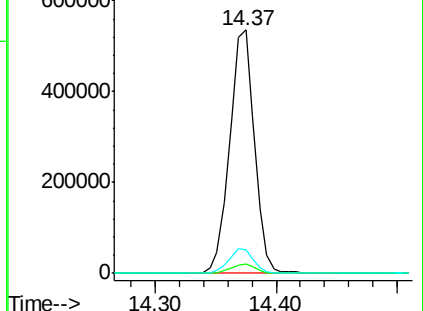
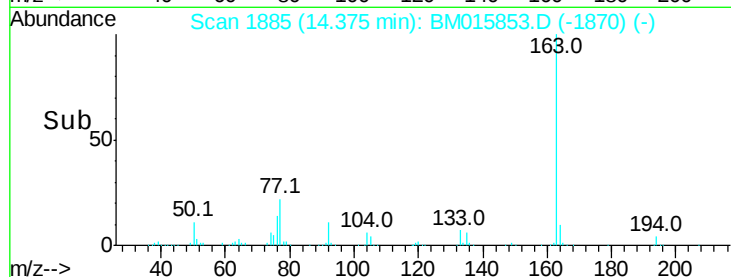
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.130 ng

RT: 14.50 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

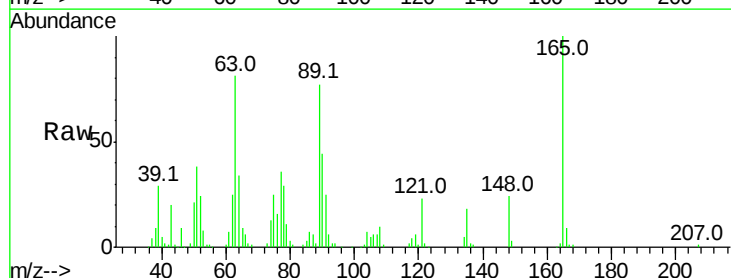
Tgt Ion:165 Resp: 158207

Ion Ratio Lower Upper

165 100

63 81.1 44.1 66.1#

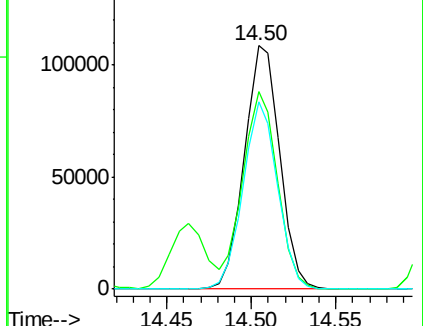
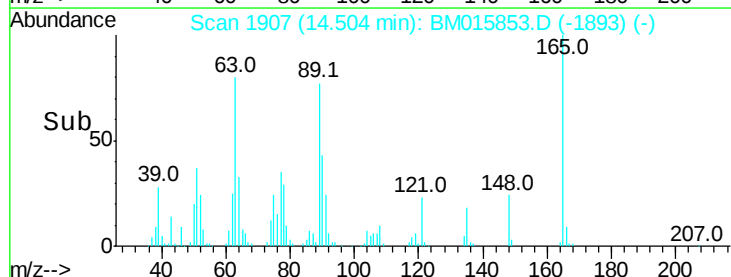
89 76.9 44.3 66.5#

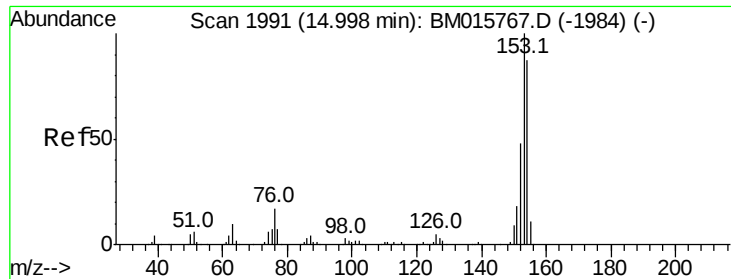


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 42.629 ng

RT: 14.99 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Instrument :

BNA_M

ClientSampleId :

NS-DRUM-2-STONEMSD

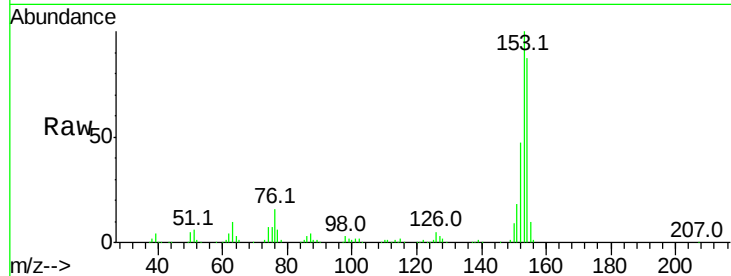
Tot Ion:154 Resp: 595059

Ion Ratio Lower Upper

154 100

153 114.7 90.0 135.0

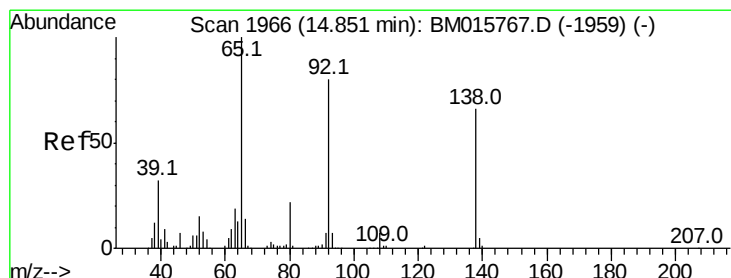
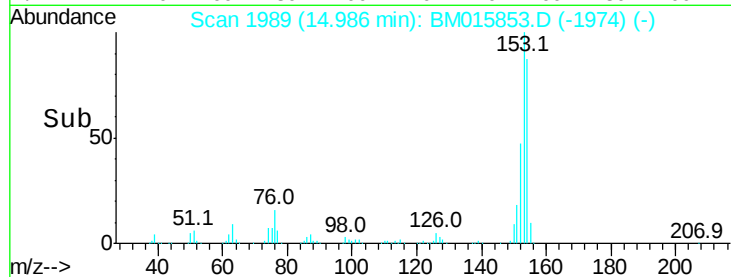
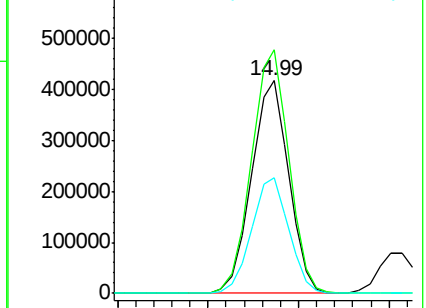
152 54.3 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 5.536 ng

RT: 14.85 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

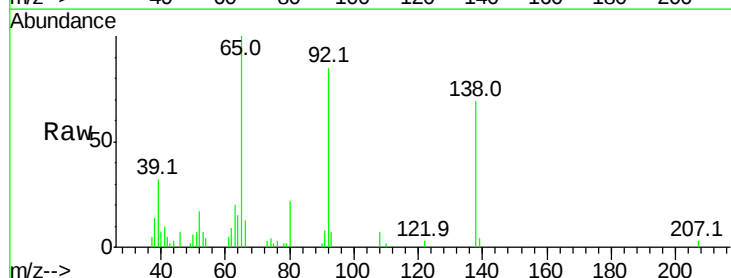
Tgt Ion:138 Resp: 22228

Ion Ratio Lower Upper

138 100

108 9.9 7.3 10.9

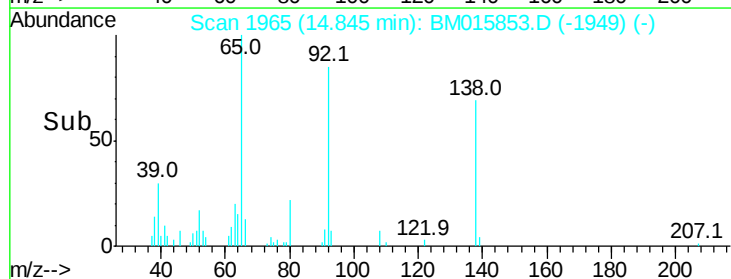
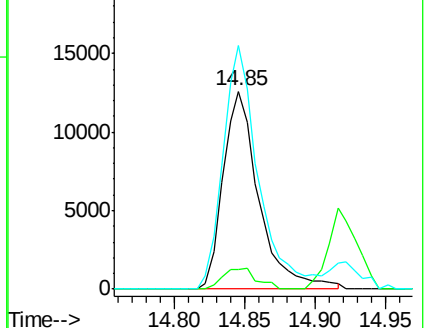
92 123.2 76.6 114.8#

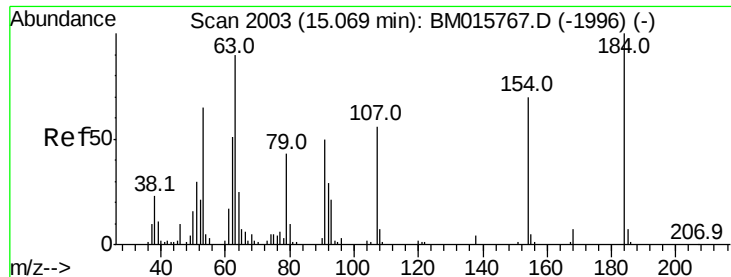


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

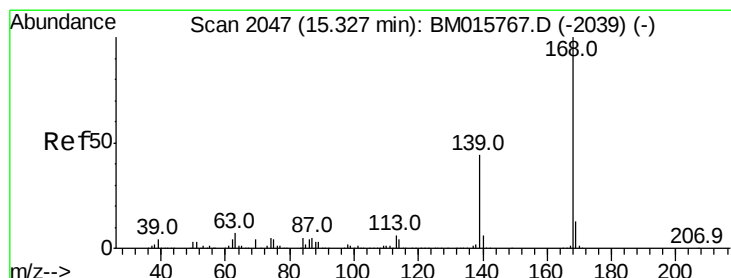
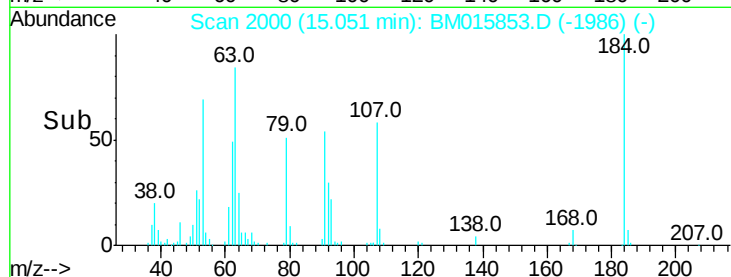
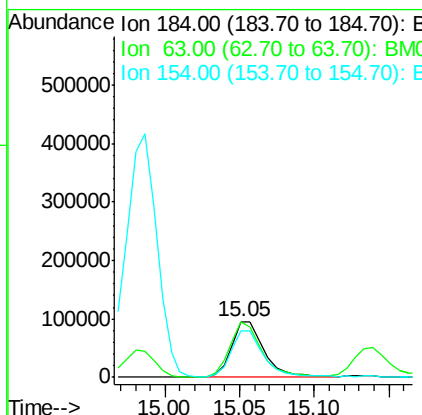
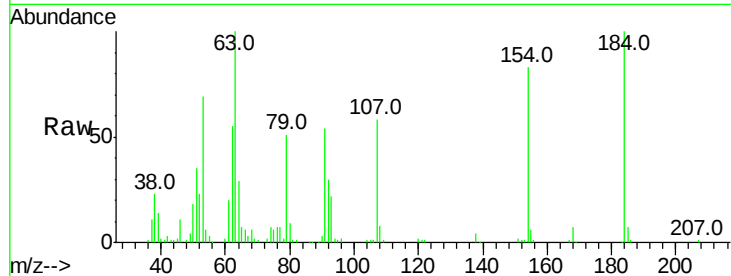




#53
2,4-Dinitrophenol
Concen: 80.368 ng
RT: 15.05 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

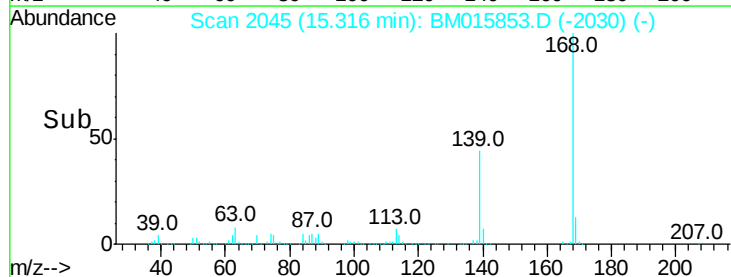
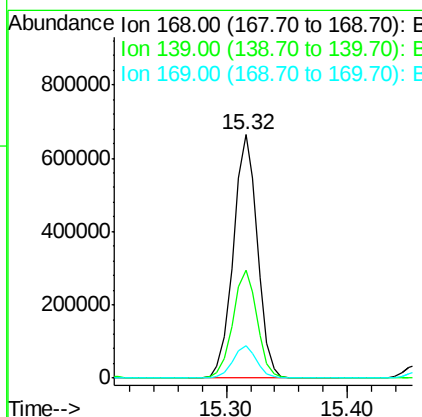
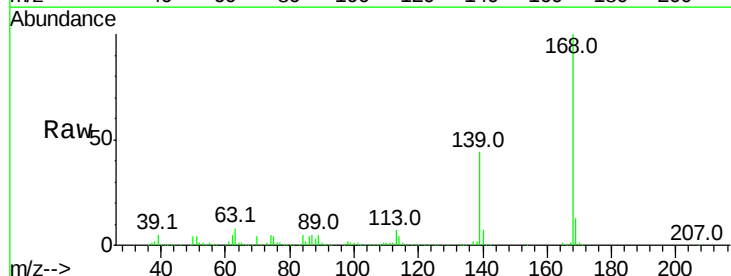
Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

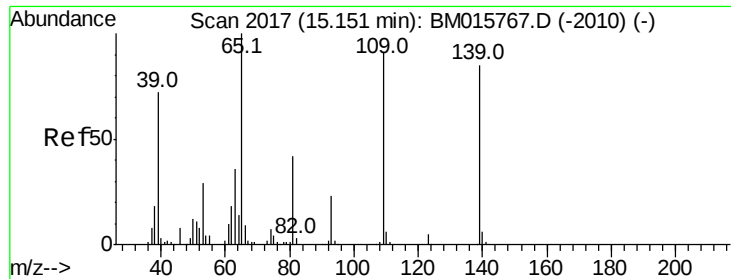
Tot Ion:184 Resp: 147593
Ion Ratio Lower Upper
184 100
63 100.1 69.2 103.8
154 82.9 53.3 79.9#



#54
Dibenzofuran
Concen: 42.907 ng
RT: 15.32 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion:168 Resp: 922910
Ion Ratio Lower Upper
168 100
139 44.5 27.3 40.9#
169 13.1 10.6 16.0

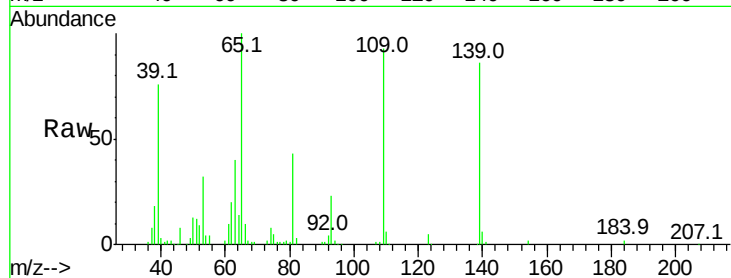




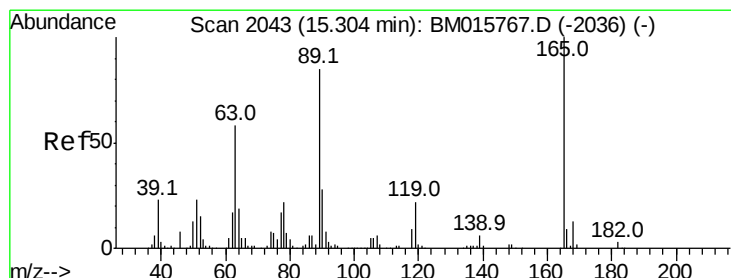
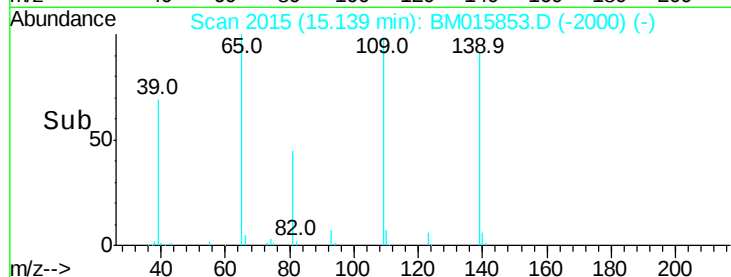
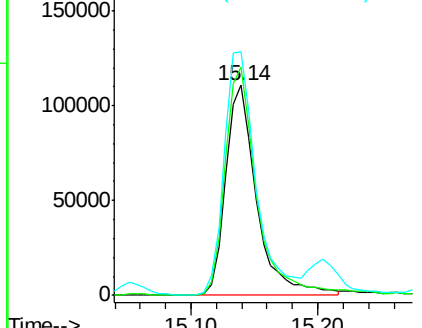
#55
4-Nitrophenol
Concen: 63.397 ng
RT: 15.14 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

Tot Ion:139 Resp: 187856
Ion Ratio Lower Upper
139 100
109 108.5 130.0 170.0#
65 116.1 130.0 170.0#

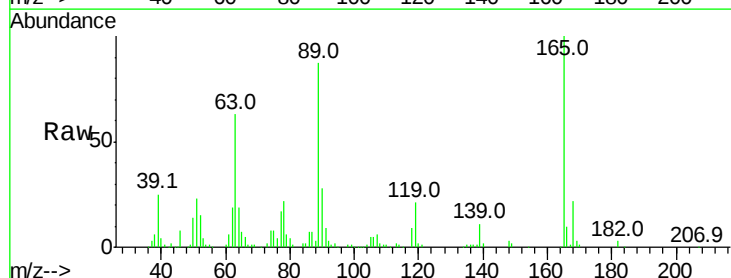


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0

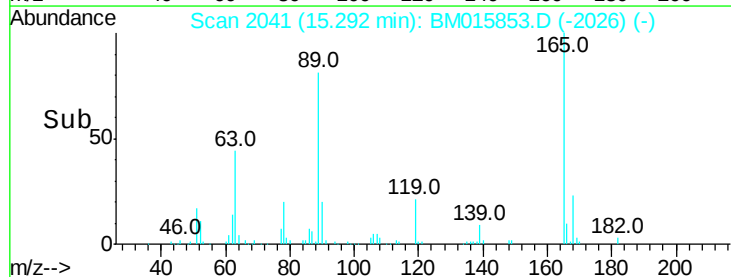
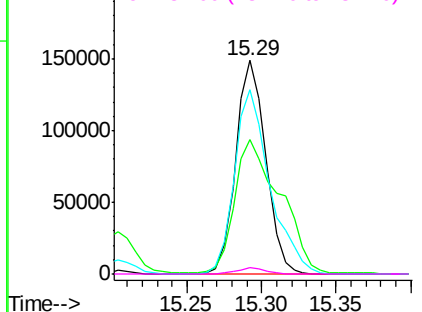


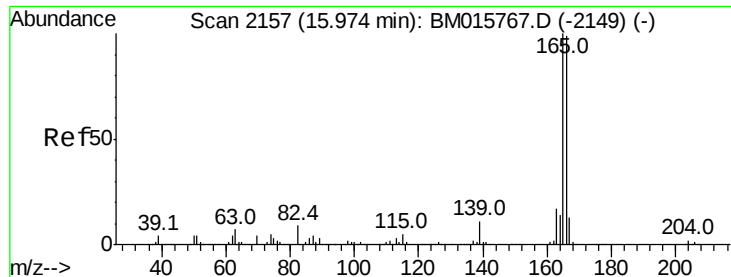
#56
2,4-Dinitrotoluene
Concen: 39.315 ng
RT: 15.29 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion:165 Resp: 208206
Ion Ratio Lower Upper
165 100
63 63.2 52.4 78.6
89 86.5 72.4 108.6
182 2.9 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

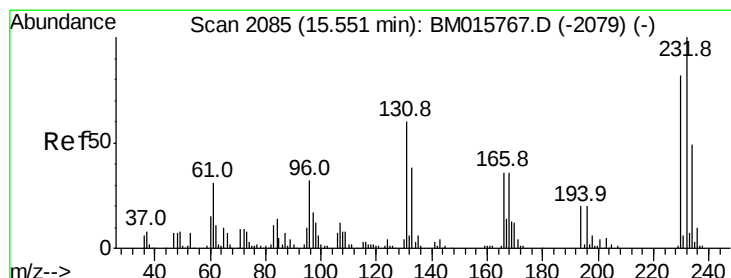
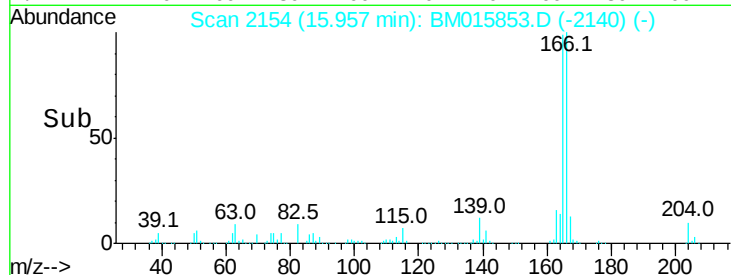
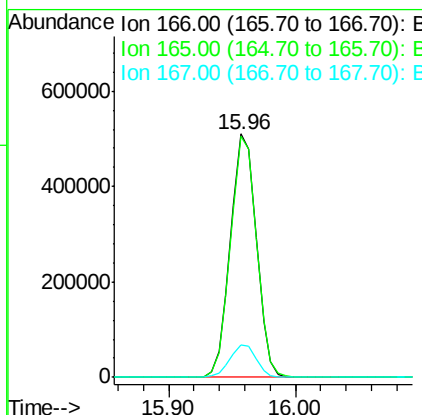
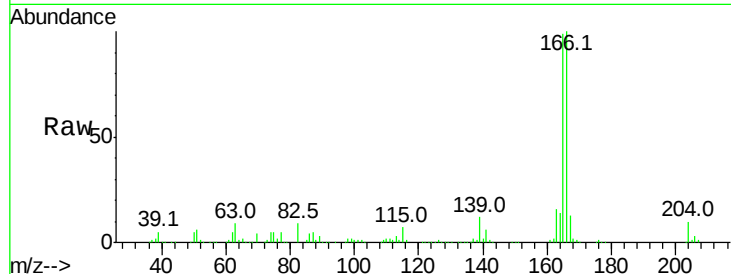




#57
 Fluorene
 Concen: 40.679 ng
 RT: 15.96 min Scan# 2154
 Delta R.T. -0.02 min
 Lab File: BM015853.D
 Acq: 09 Jul 2018 21:17

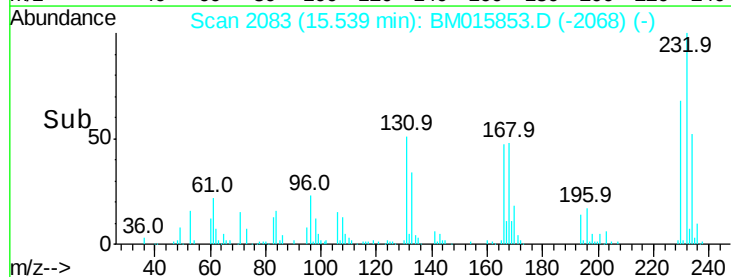
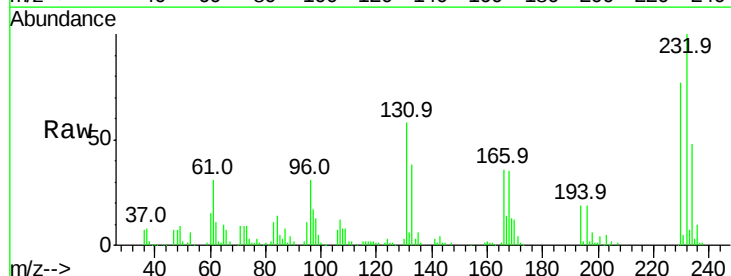
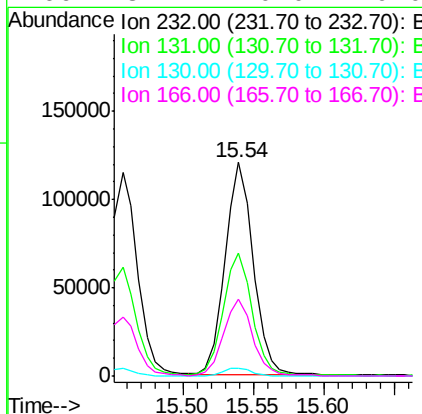
Instrument :
 BNA_M
 ClientSampleId :
 NS-DRUM-2-STONEMSD

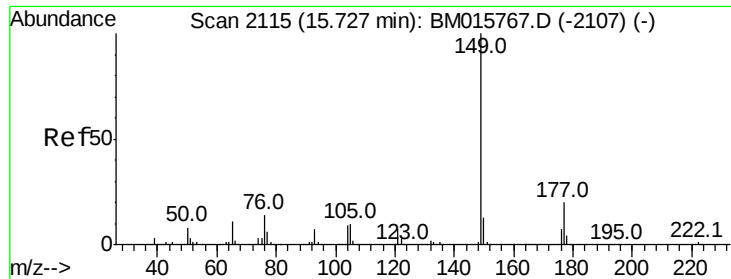
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.0	118.4
167	13.4	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.463 ng
 RT: 15.54 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BM015853.D
 Acq: 09 Jul 2018 21:17

Tgt Ion	Ratio	Lower	Upper
232	100		
131	58.4	0.0	0.0#
130	3.7	0.0	0.0#
166	37.7	0.0	0.0#

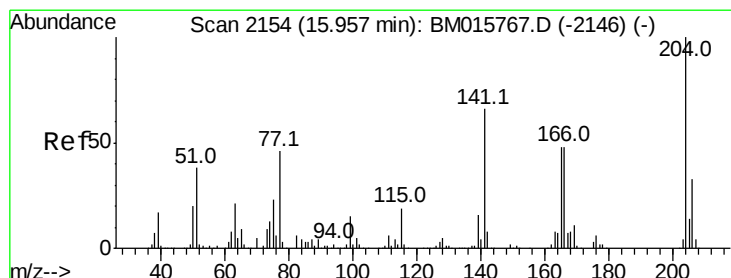
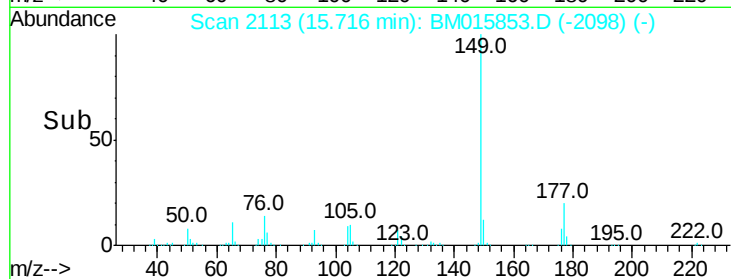
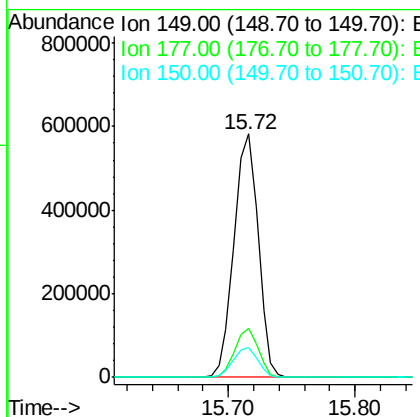
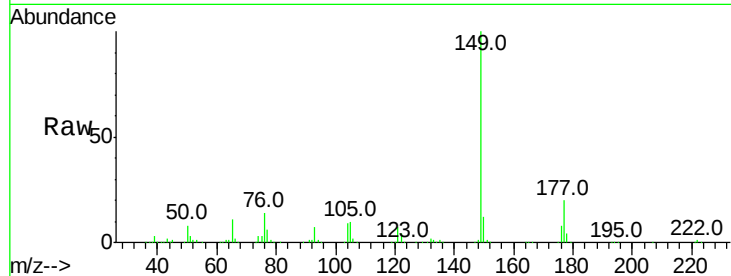




#59
Diethylphthalate
Concen: 37.994 ng
RT: 15.72 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

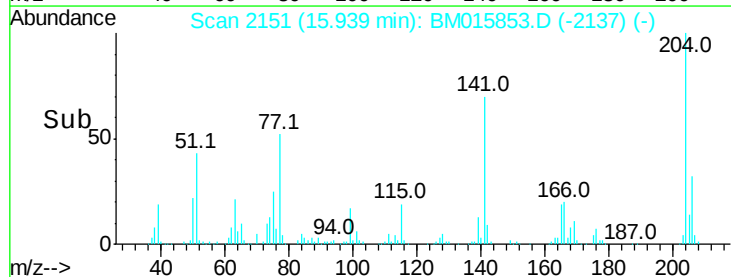
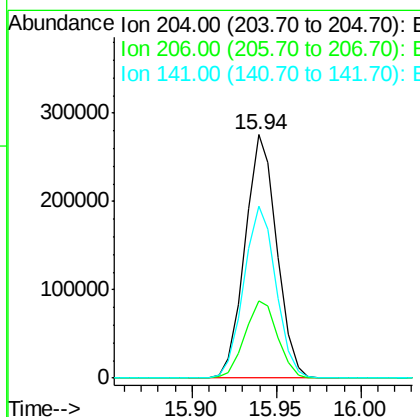
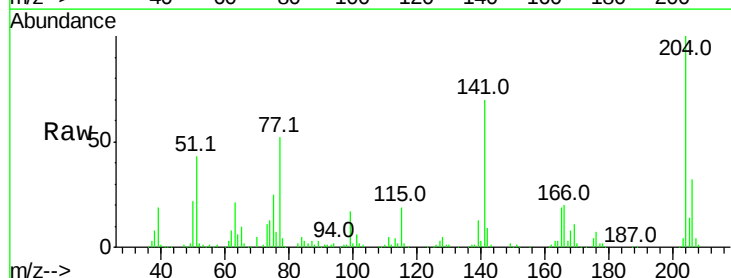
Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

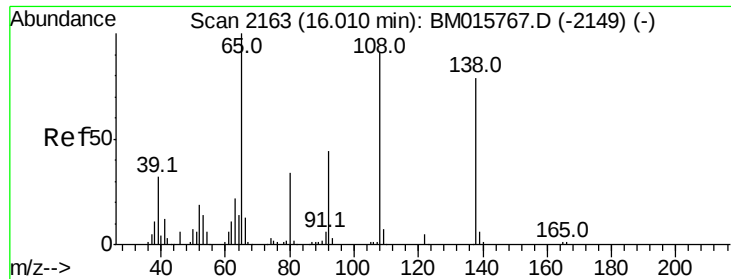
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.4	18.3	27.5
150	12.2	9.8	14.8



#60
4-Chlorophenyl-phenylether
Concen: 39.584 ng
RT: 15.94 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.6	39.8
141	70.4	45.2	67.8#

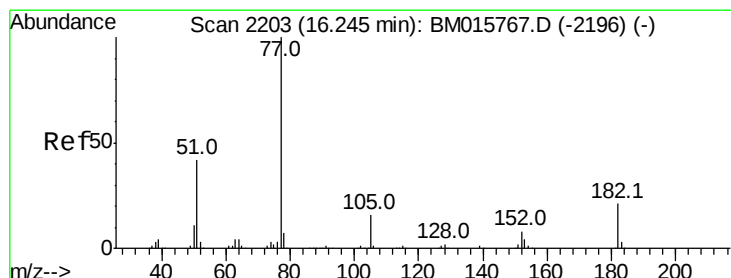
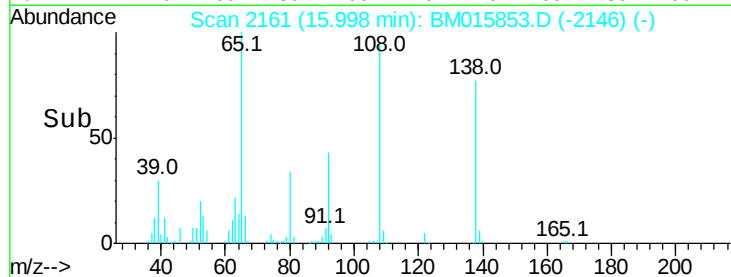
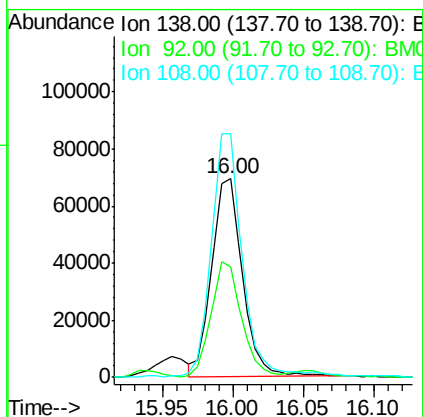
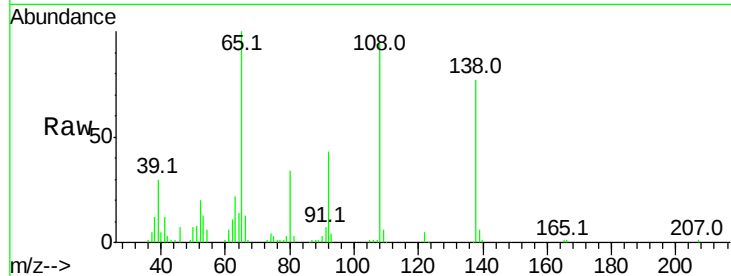




#61
4-Nitroaniline
Concen: 25.255 ng
RT: 16.00 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

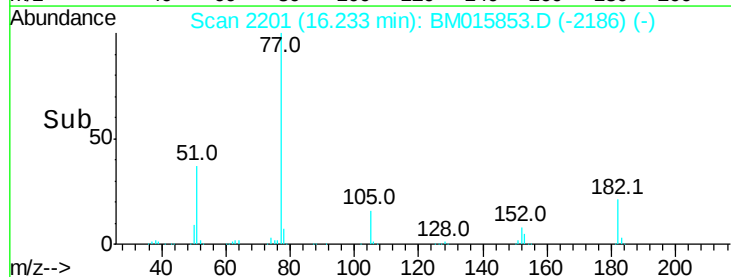
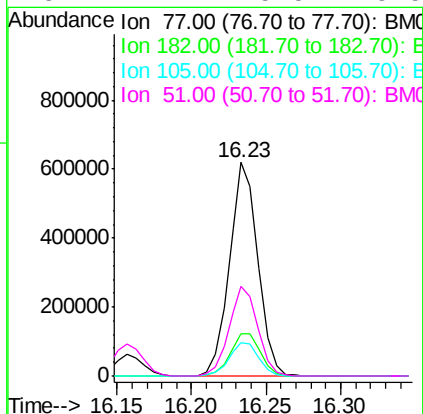
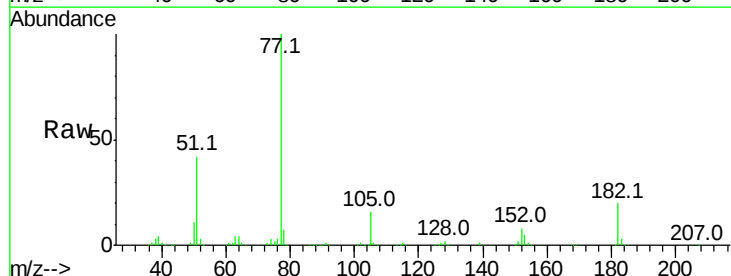
Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

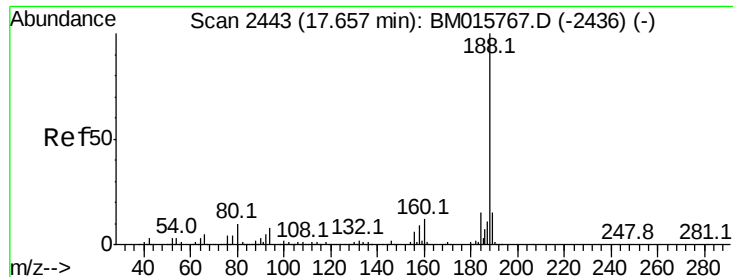
Tot Ion:138 Resp: 105190
Ion Ratio Lower Upper
138 100
92 55.7 16.7 56.7
108 122.3 37.6 77.6#



#62
Azobenzene
Concen: 43.465 ng
RT: 16.23 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion: 77 Resp: 821411
Ion Ratio Lower Upper
77 100
182 20.0 6.5 46.5
105 15.9 3.8 43.8
51 41.7 5.5 45.5

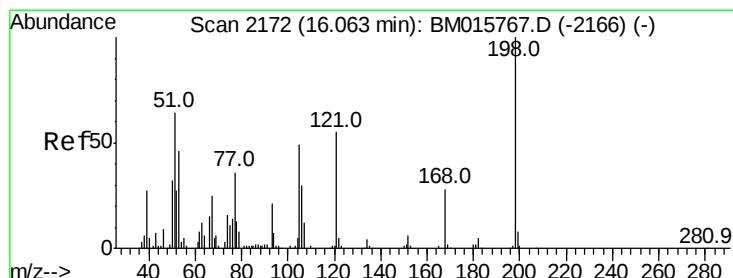
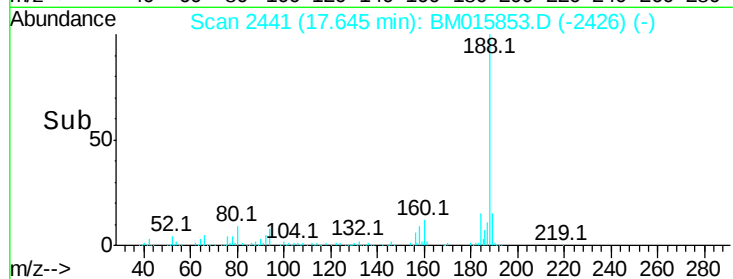
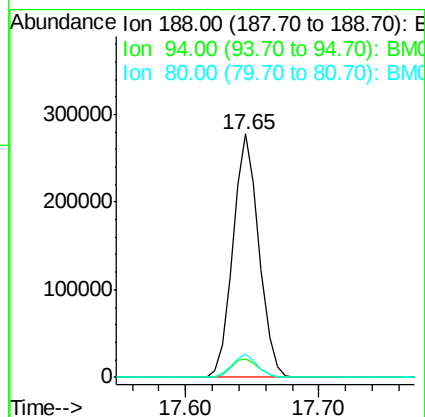
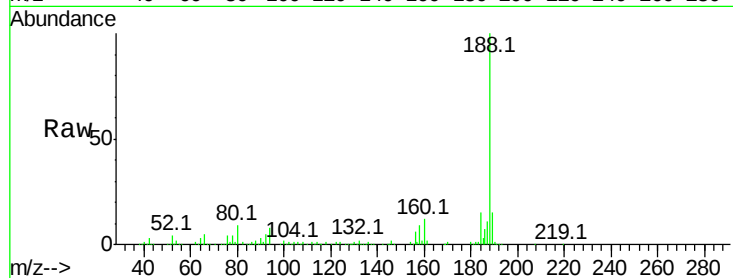




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

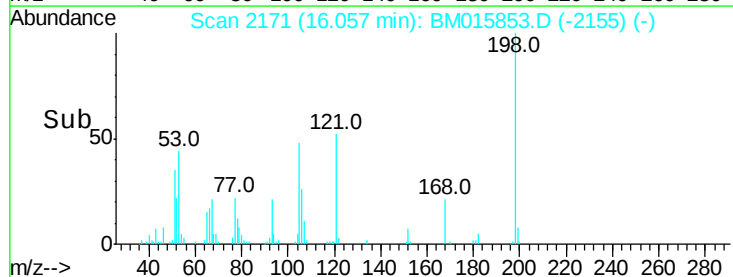
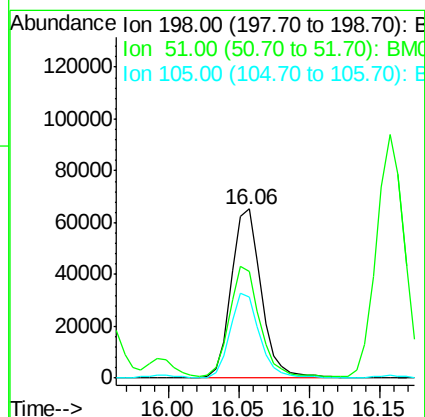
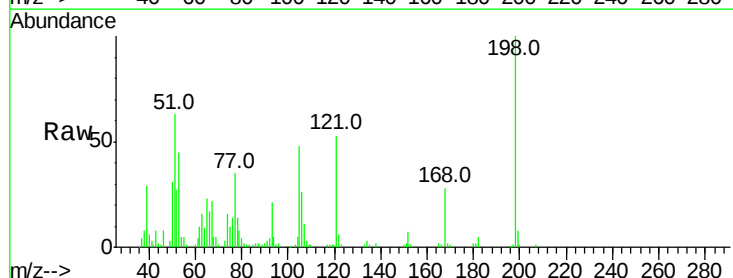
Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

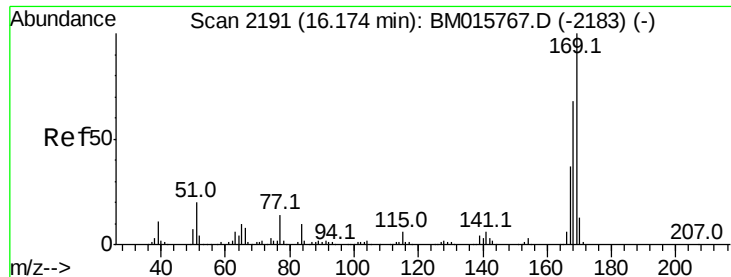
Tot Ion:188 Resp: 375995
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 9.4 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 42.508 ng
RT: 16.06 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion:198 Resp: 97164
Ion Ratio Lower Upper
198 100
51 63.1 28.8 68.8
105 47.8 30.5 70.5

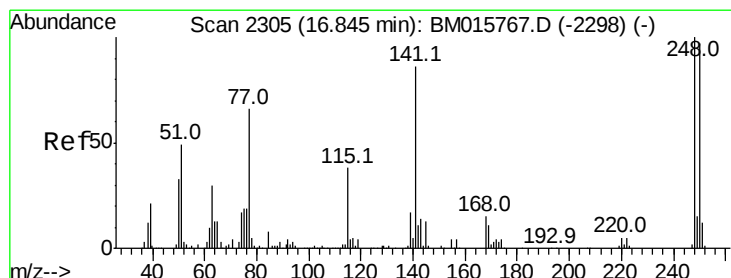
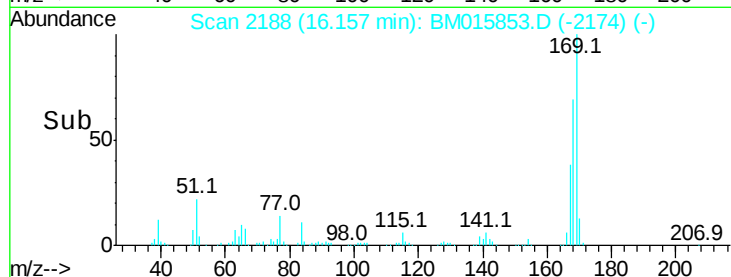
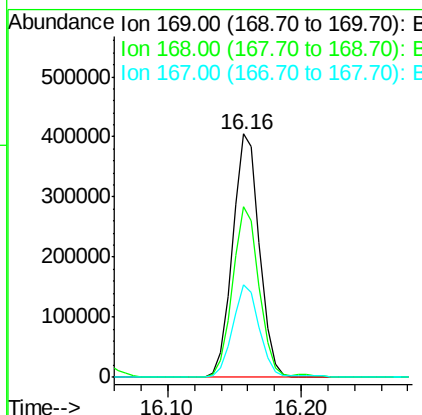
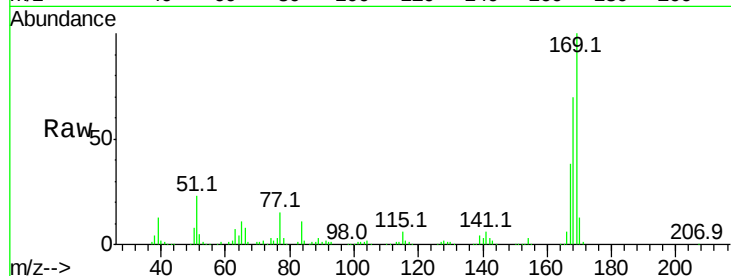




#65
n-Nitrosodiphenylamine
Concen: 43.875 ng
RT: 16.16 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

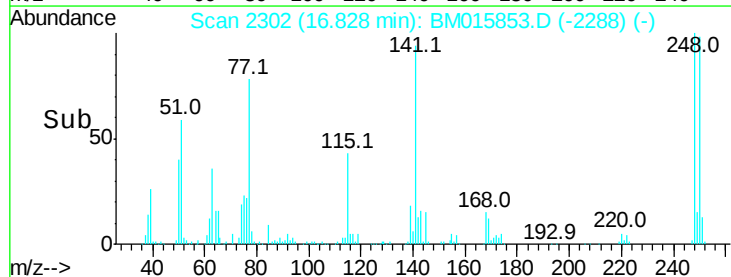
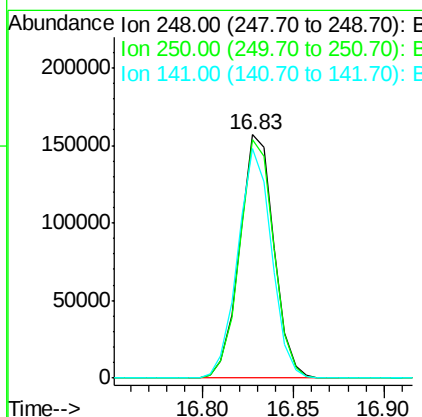
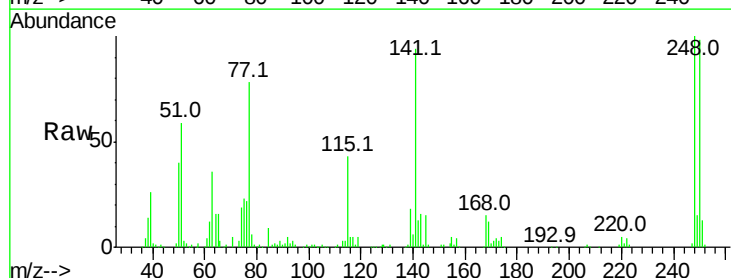
Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

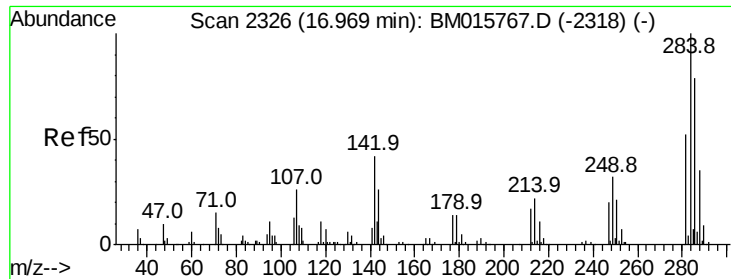
Tot Ion:169 Resp: 565261
Ion Ratio Lower Upper
169 100
168 69.9 53.9 80.9
167 37.9 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 48.918 ng
RT: 16.83 min Scan# 2302
Delta R.T. -0.02 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion:248 Resp: 205363
Ion Ratio Lower Upper
248 100
250 98.1 77.4 116.0
141 94.2 45.2 67.8#

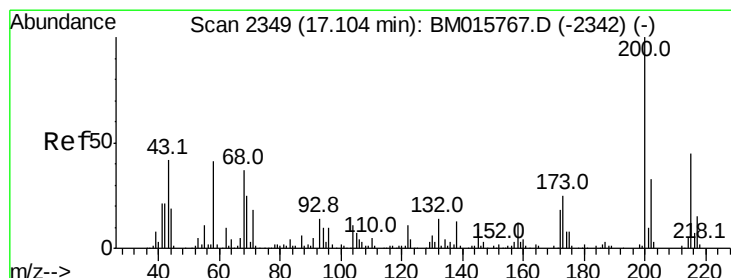
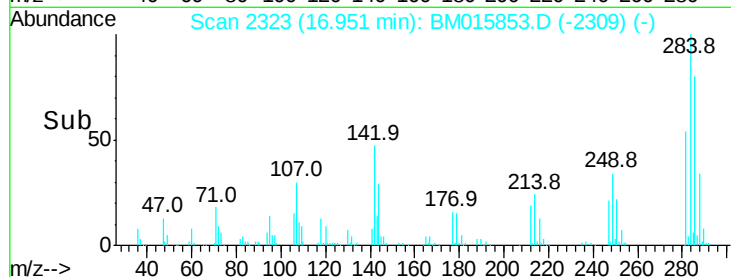
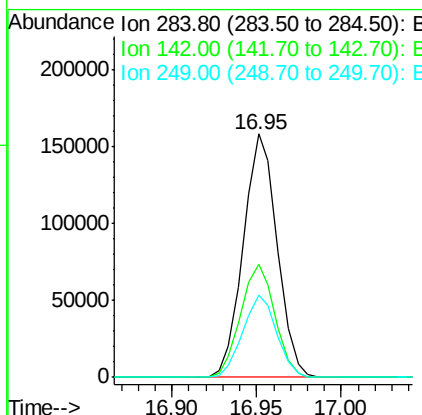
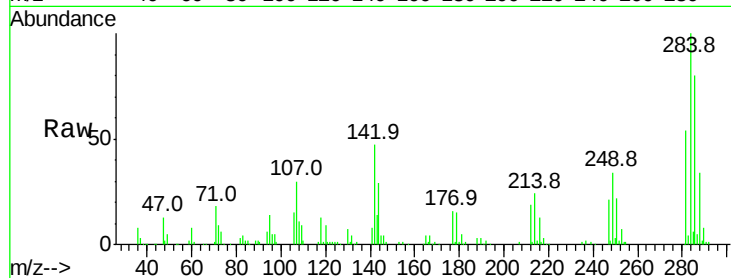




#67
Hexachlorobenzene
Concen: 47.116 ng
RT: 16.95 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

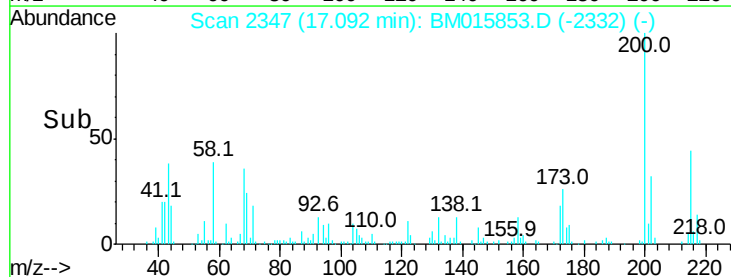
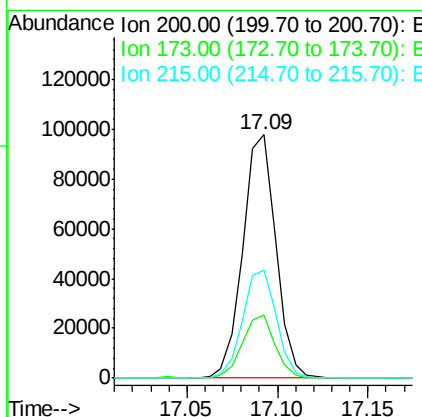
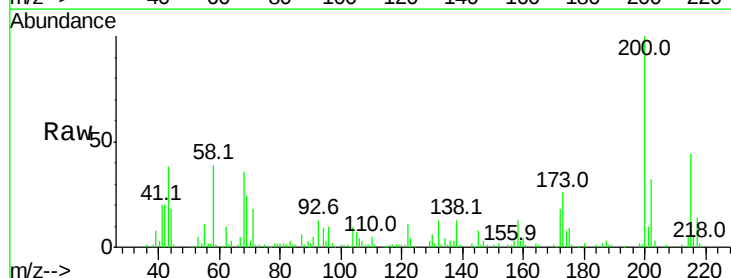
Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

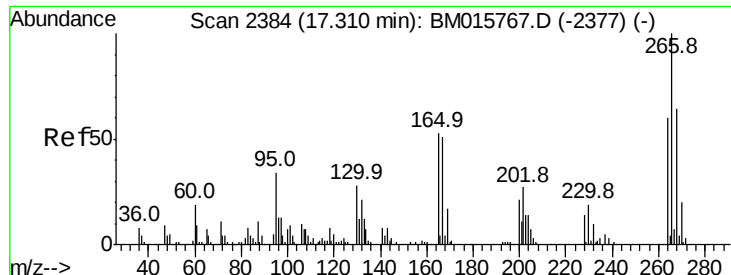
Tot Ion:284 Resp: 221026
Ion Ratio Lower Upper
284 100
142 46.6 20.4 30.6#
249 34.1 23.8 35.6



#68
Atrazine
Concen: 29.221 ng
RT: 17.09 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion:200 Resp: 123833
Ion Ratio Lower Upper
200 100
173 25.8 4.8 44.8
215 44.4 26.9 66.9





#69

Pentachlorophenol

Concen: 75.392 ng

RT: 17.30 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Instrument :

BNA_M

ClientSampleId :

NS-DRUM-2-STONEMSD

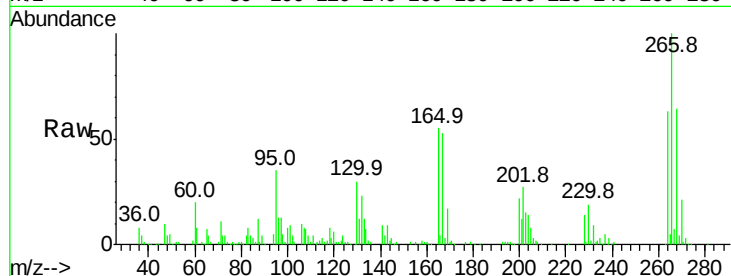
Tot Ion:266 Resp: 218845

Ion Ratio Lower Upper

266 100

268 63.7 52.0 78.0

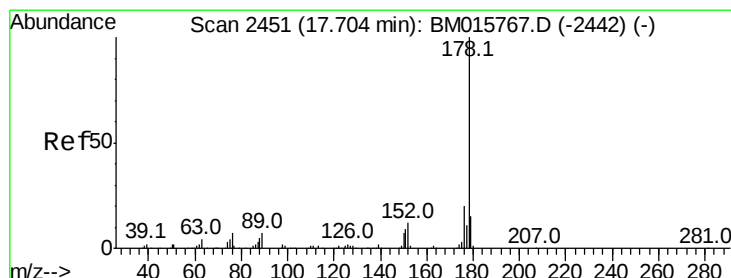
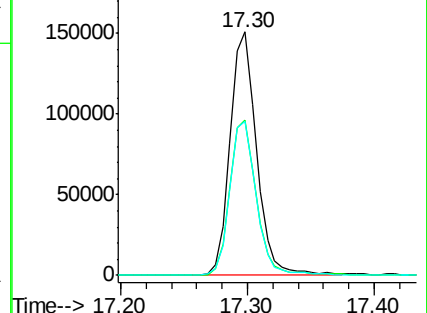
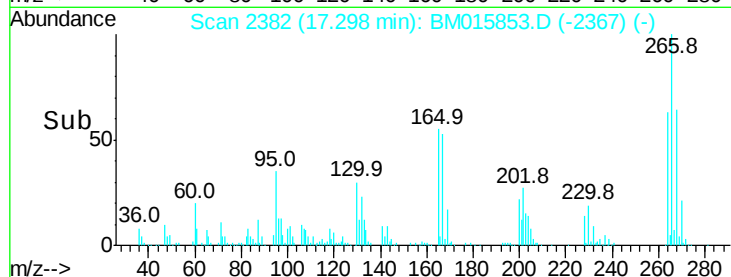
264 63.5 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.512 ng

RT: 17.69 min Scan# 2448

Delta R.T. -0.02 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

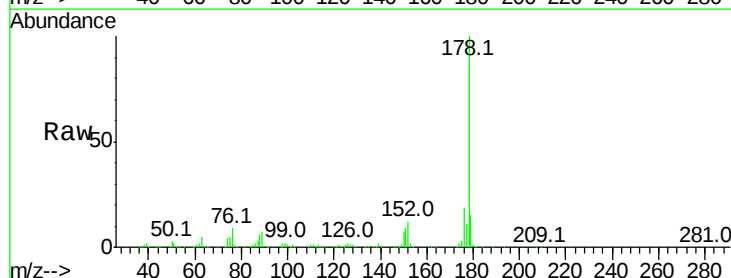
Tgt Ion:178 Resp: 957490

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

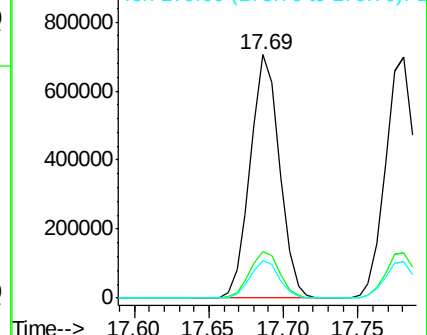
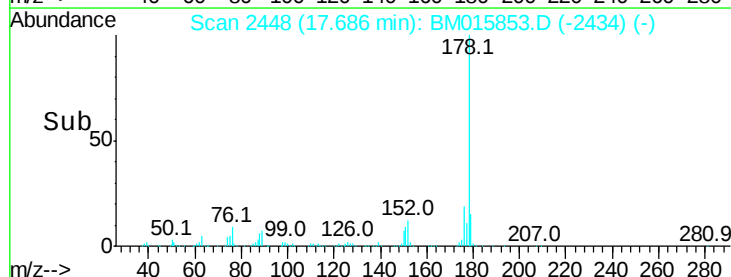
179 15.4 12.1 18.1

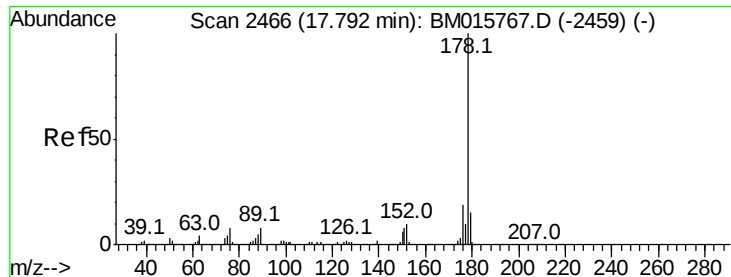


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

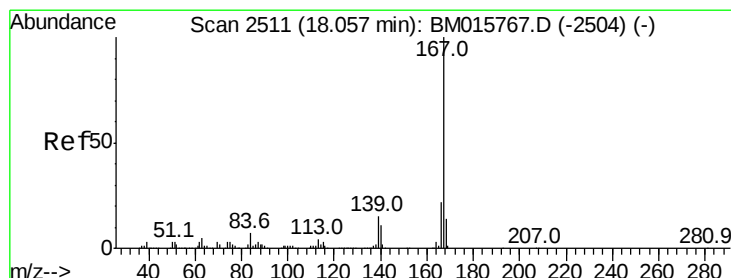
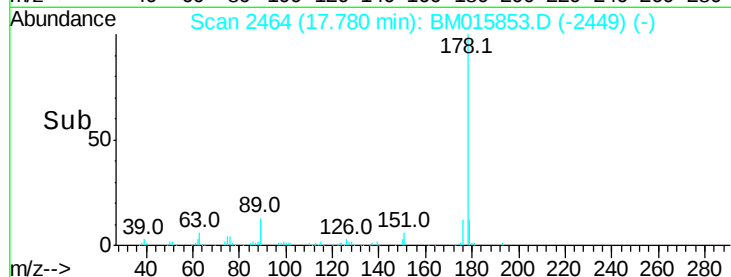
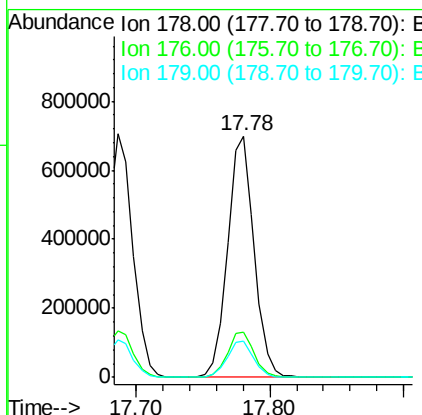
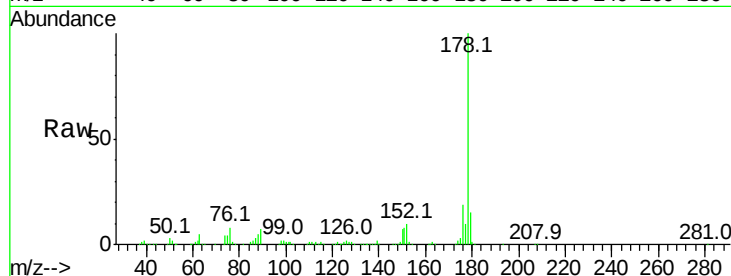




#71
 Anthracene
 Concen: 45.752 ng
 RT: 17.78 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM015853.D
 Acq: 09 Jul 2018 21:17

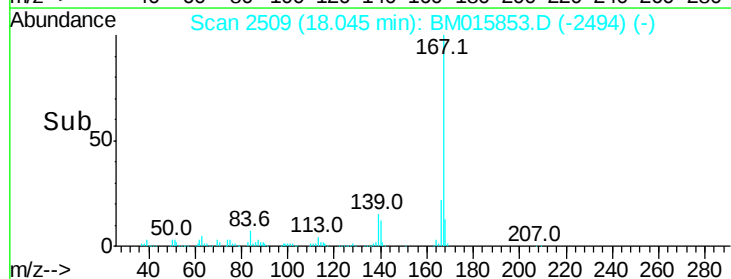
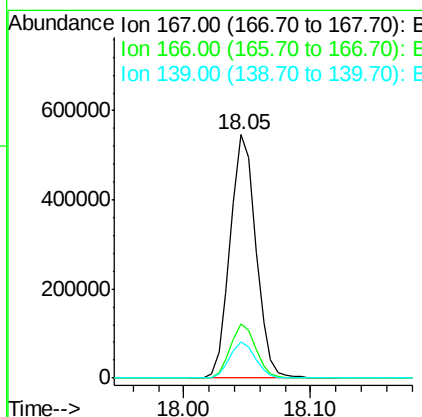
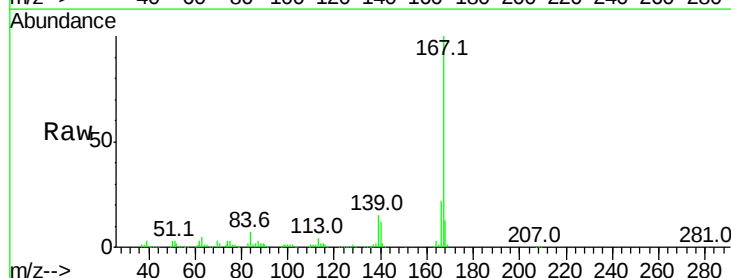
Instrument :
 BNA_M
 ClientSampleId :
 NS-DRUM-2-STONEMSD

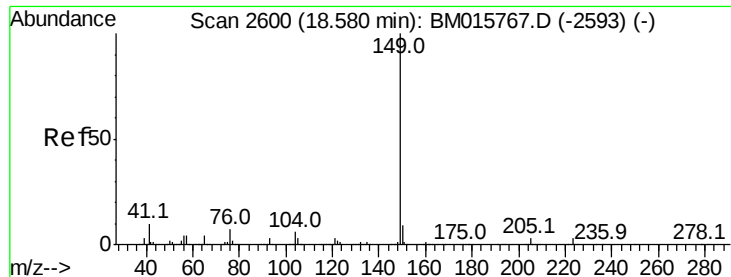
Tot Ion:178 Resp: 966506
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.6 22.0
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 39.012 ng
 RT: 18.05 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BM015853.D
 Acq: 09 Jul 2018 21:17

Tgt Ion:167 Resp: 767969
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.2 25.8
 139 15.1 10.8 16.2

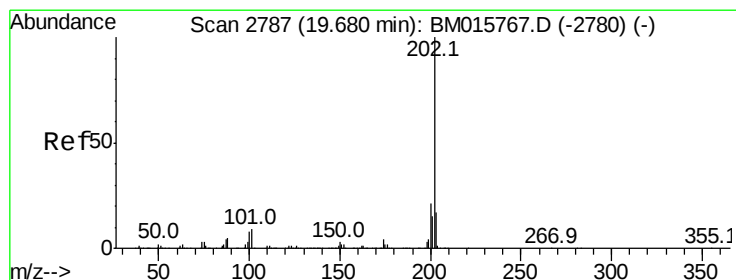
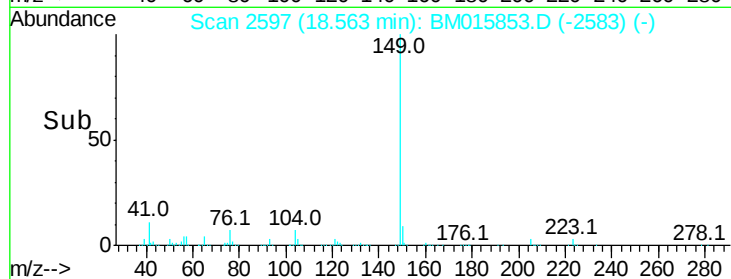
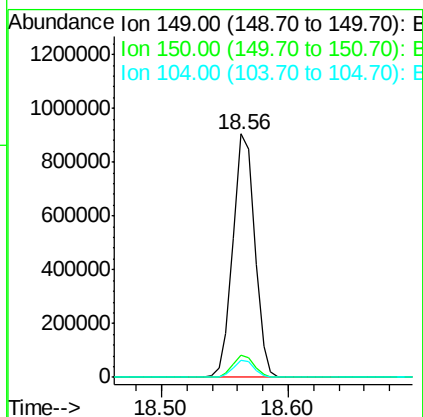
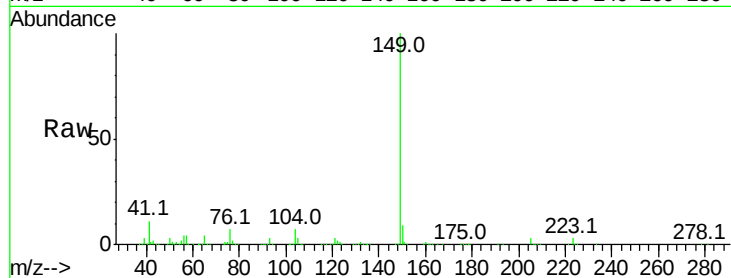




#73
Di-n-butylphthalate
Concen: 40.416 ng
RT: 18.56 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

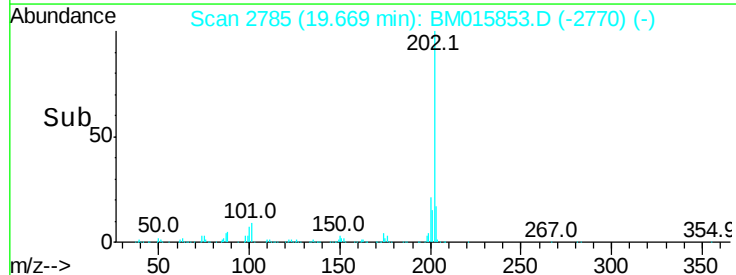
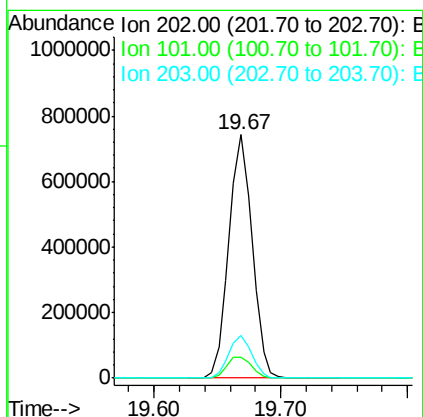
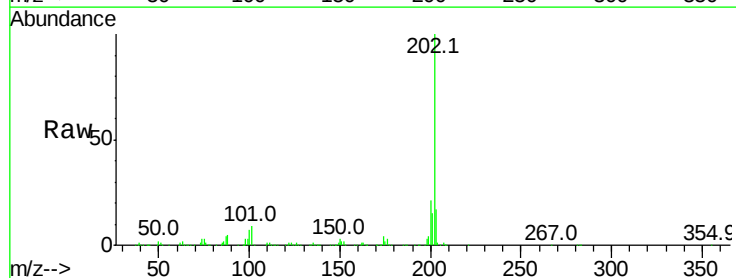
Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

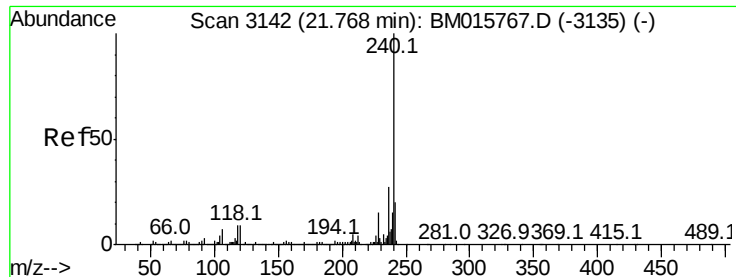
Tot Ion:149 Resp: 1072344
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 6.8 3.7 5.5#



#74
Fluoranthene
Concen: 38.308 ng
RT: 19.67 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion:202 Resp: 947328
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.7
203 17.3 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3139

Delta R.T. -0.02 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Instrument :

BNA_M

ClientSampleId :

NS-DRUM-2-STONEMSD

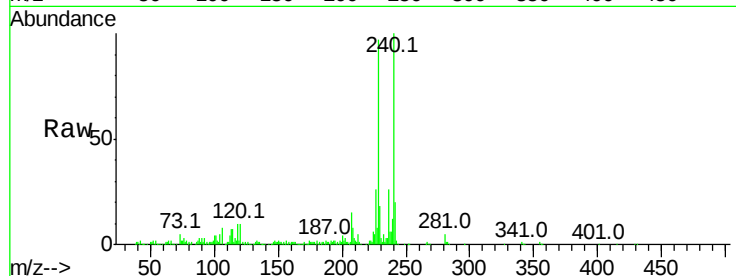
Tot Ion:240 Resp: 311154

Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.2

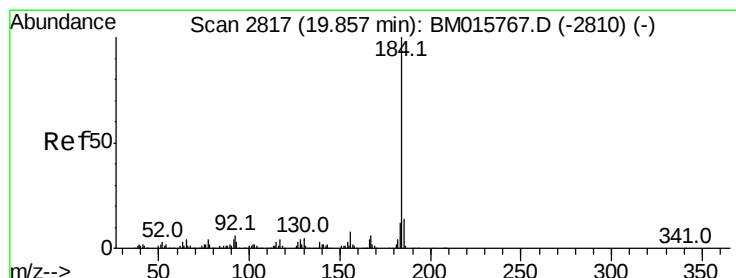
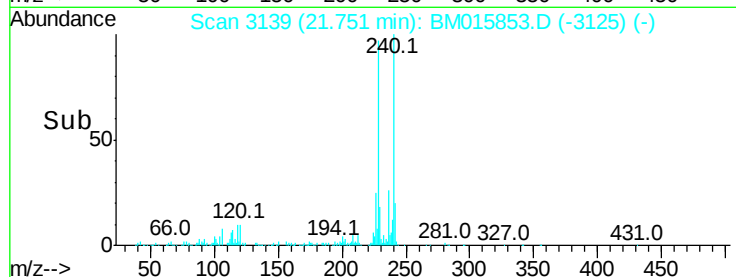
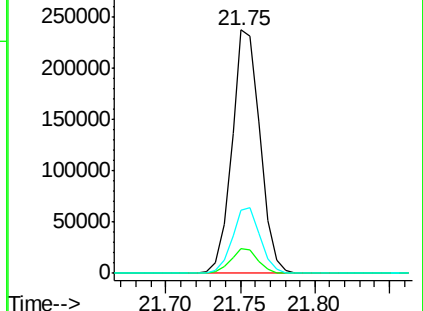
236 25.9 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.986 ng

RT: 19.85 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

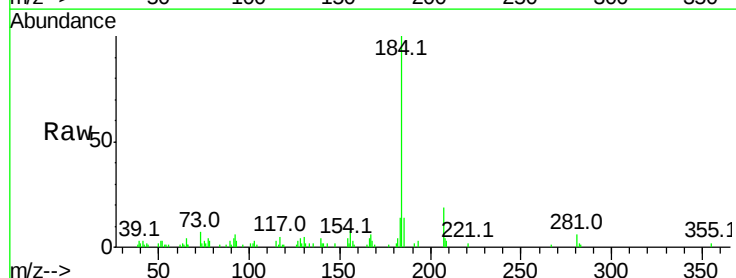
Tgt Ion:184 Resp: 54570

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

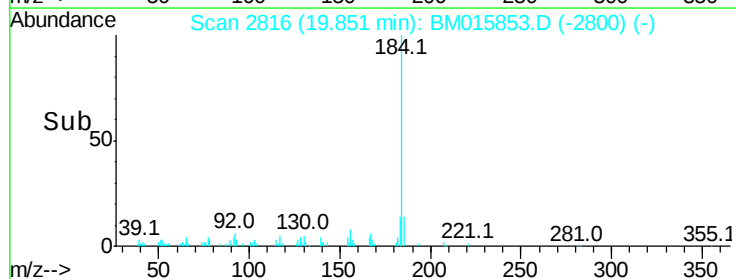
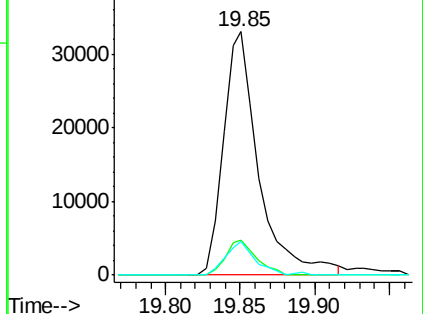
183 13.7 8.9 13.3#

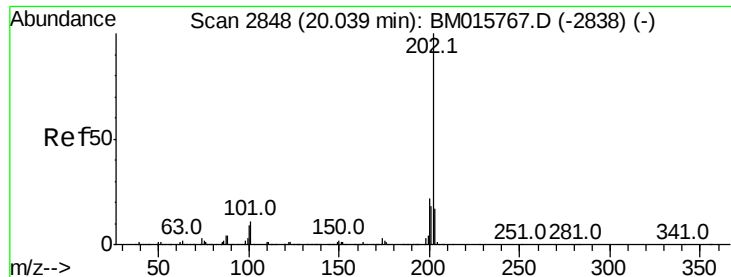


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

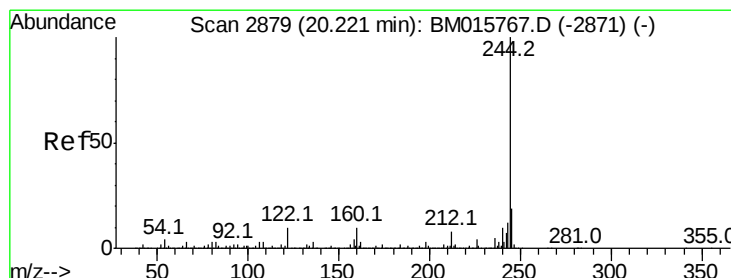
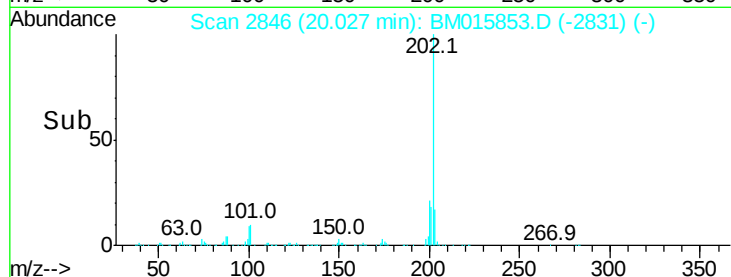
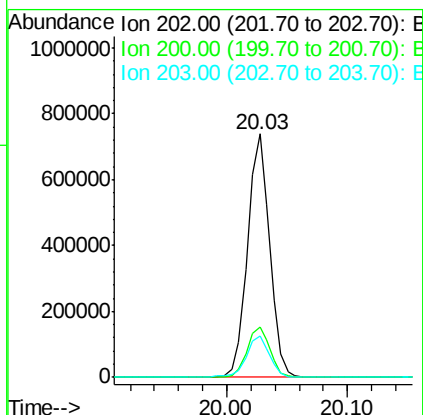
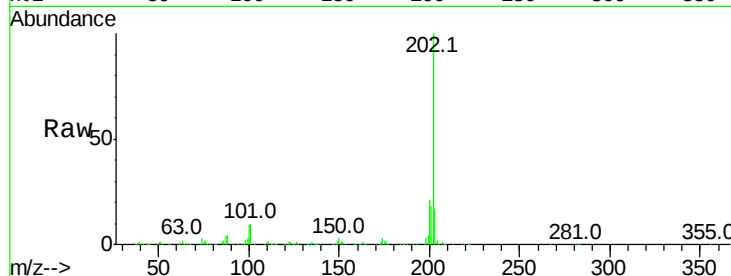




#77
Pvrene
Concen: 48.767 ng
RT: 20.03 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

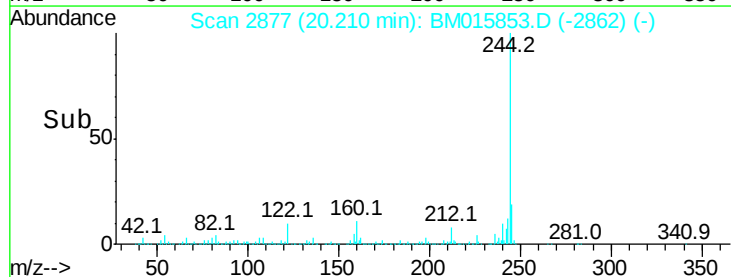
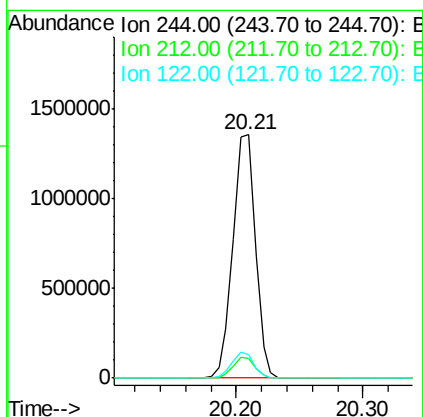
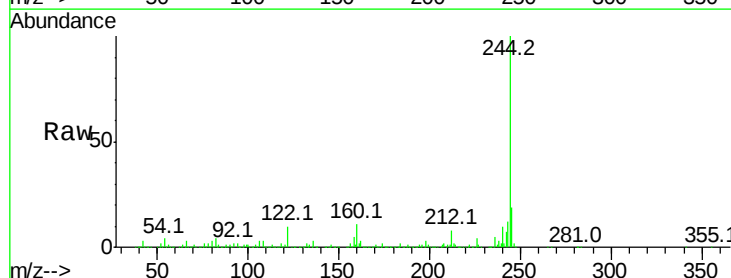
Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

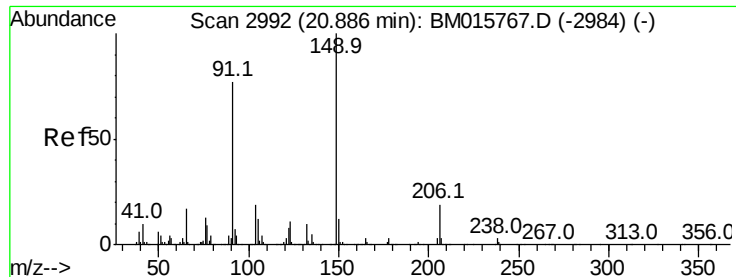
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.1	14.1	21.1



#78
Terphenyl-d14
Concen: 48.767 ng
RT: 20.21 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	9.7	6.2	9.4#

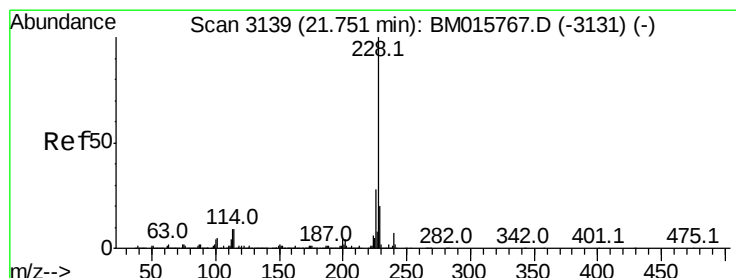
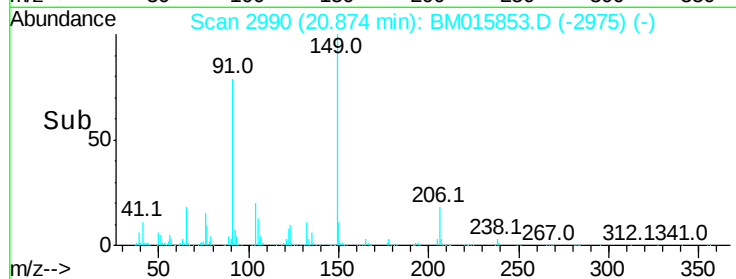
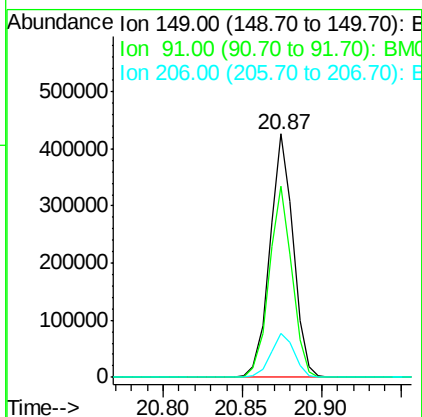
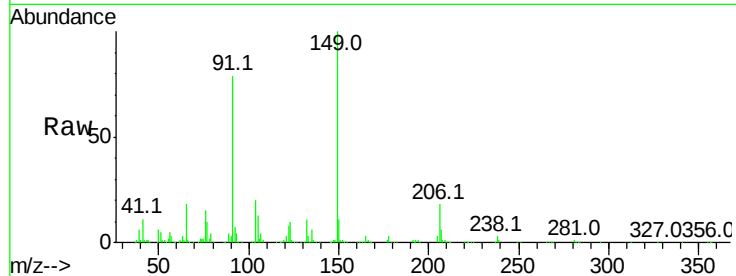




#79
Butylbenzylphthalate
Concen: 46.673 ng
RT: 20.87 min Scan# 2990
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

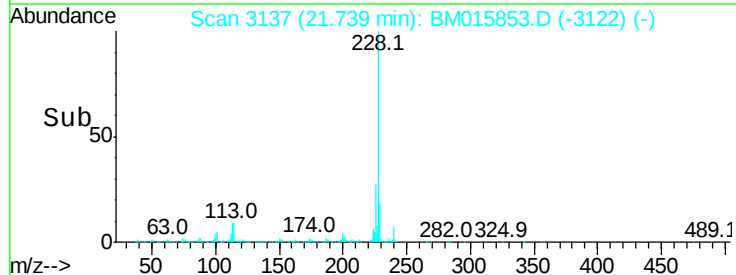
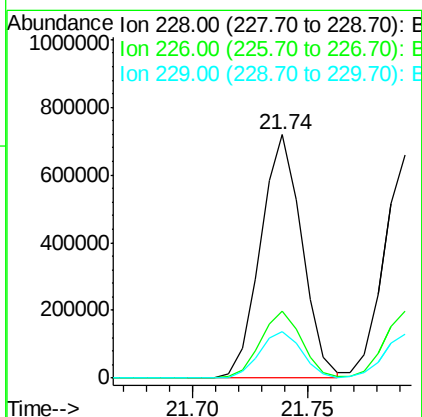
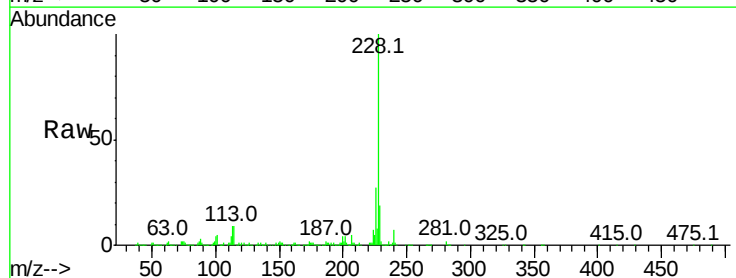
Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

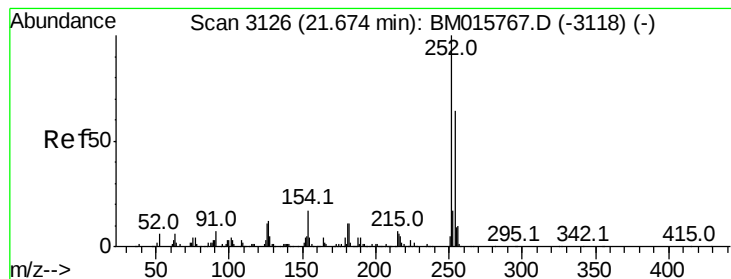
Tot Ion:149 Resp: 437286
Ion Ratio Lower Upper
149 100
91 78.7 50.1 75.1#
206 17.9 16.2 24.2



#80
Benzo(a)anthracene
Concen: 45.351 ng
RT: 21.74 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion:228 Resp: 894677
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.2 16.0 24.0

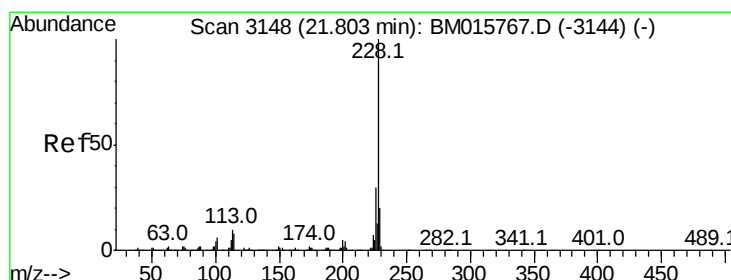
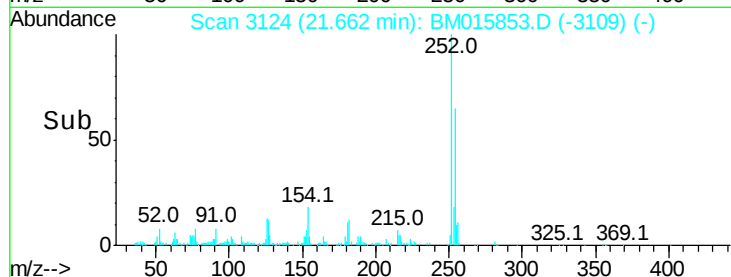
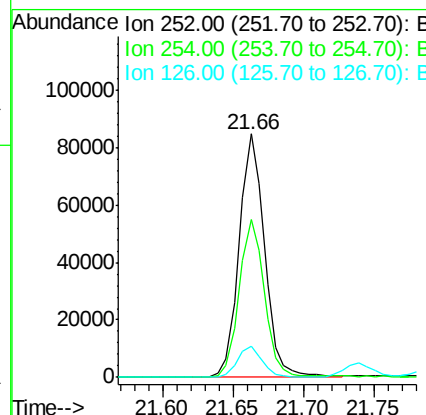
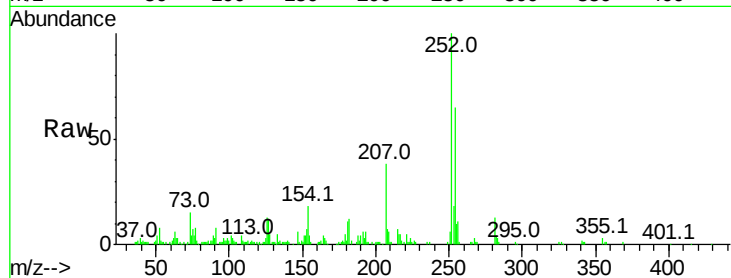




#81
 3,3'-Dichlorobenzidine
 Concen: 15.075 ng
 RT: 21.66 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM015853.D
 Acq: 09 Jul 2018 21:17

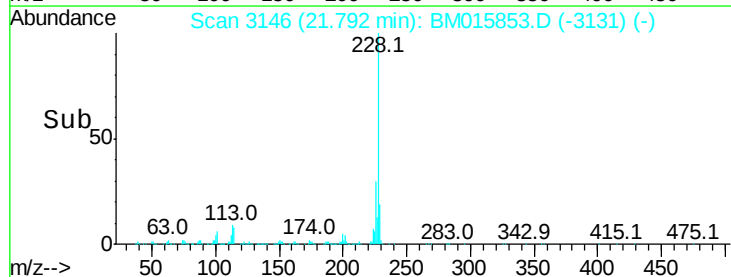
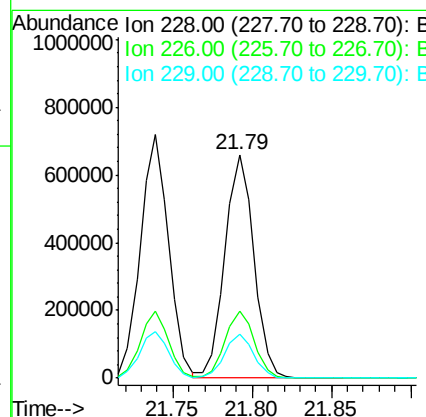
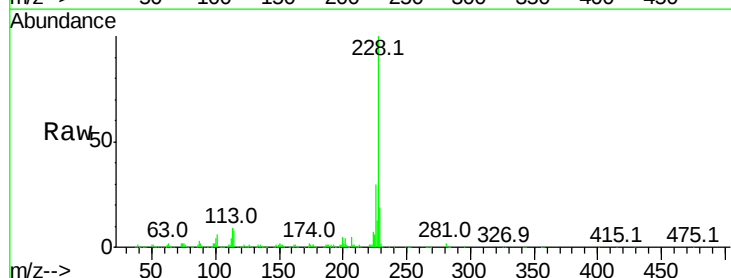
Instrument :
 BNA_M
 ClientSampleId :
 NS-DRUM-2-STONEMSD

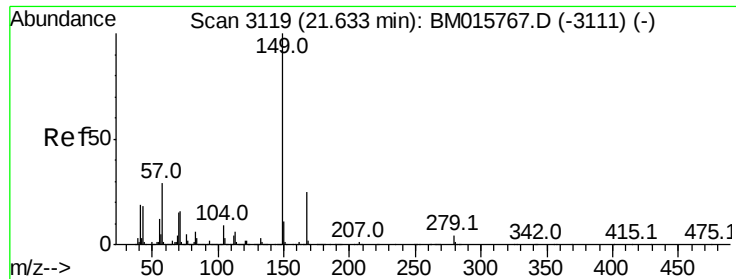
Tot Ion:252 Resp: 106857
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.9 77.9
 126 12.7 9.8 14.8



#82
 Chrysene
 Concen: 45.529 ng
 RT: 21.79 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BM015853.D
 Acq: 09 Jul 2018 21:17

Tgt Ion:228 Resp: 836718
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.1 36.1
 229 19.4 15.5 23.3

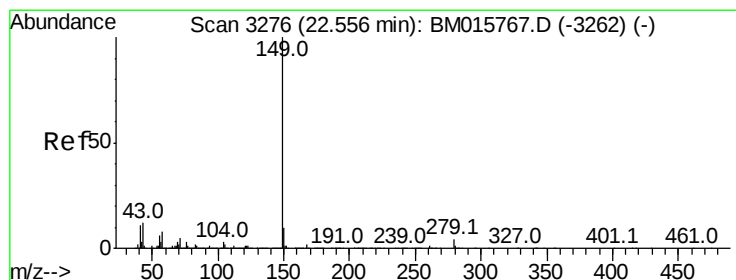
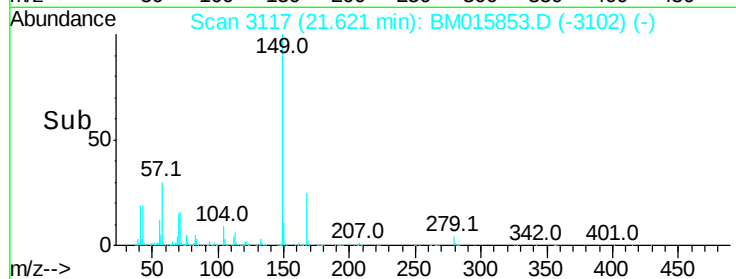
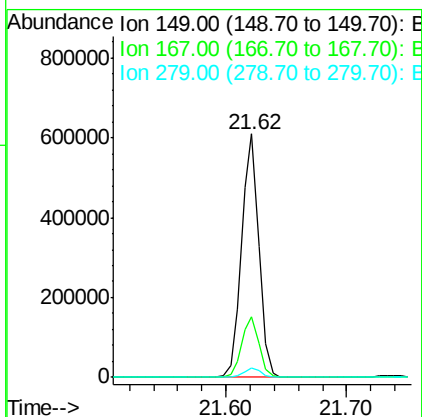
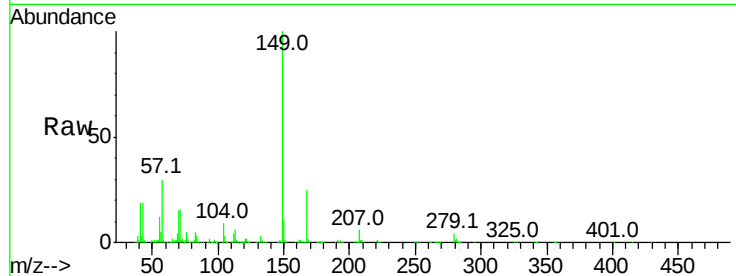




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.696 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM015853.D
 Acq: 09 Jul 2018 21:17

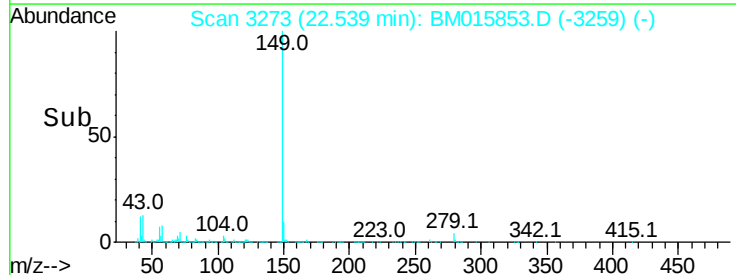
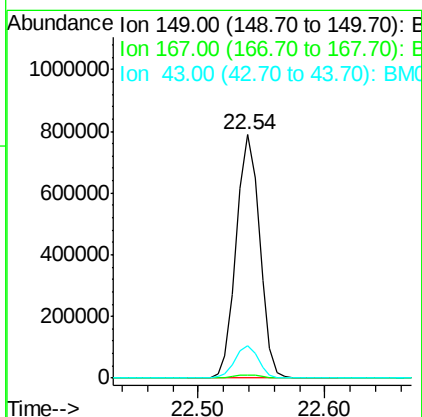
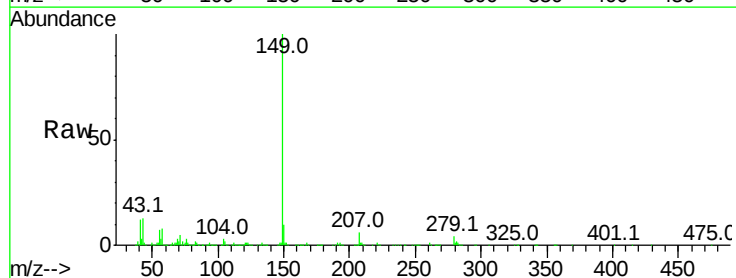
Instrument :
 BNA_M
 ClientSampleId :
 NS-DRUM-2-STONEMSD

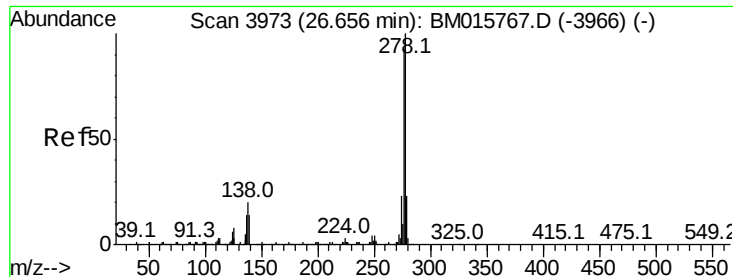
Tot Ion	Ratio	Lower	Upper
149	100		
167	24.9	22.4	33.6
279	4.0	3.4	5.0



#84
 Di-n-octyl phthalate
 Concen: 44.385 ng
 RT: 22.54 min Scan# 3273
 Delta R.T. -0.02 min
 Lab File: BM015853.D
 Acq: 09 Jul 2018 21:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.4	7.3	10.9

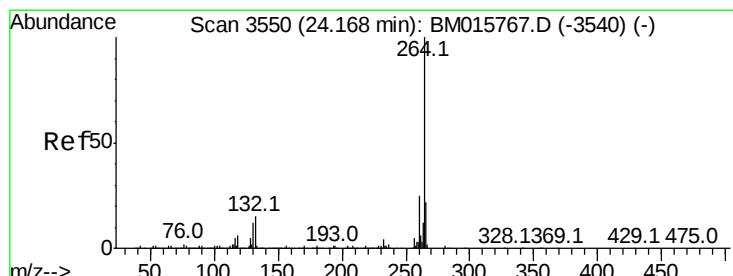
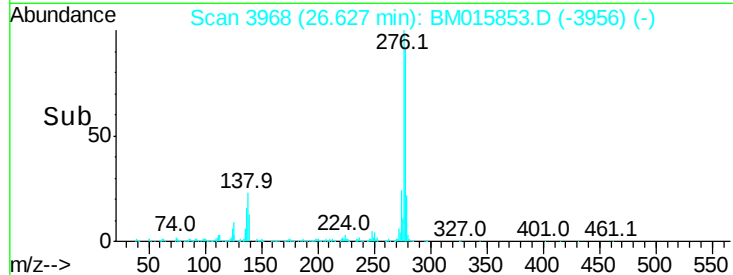
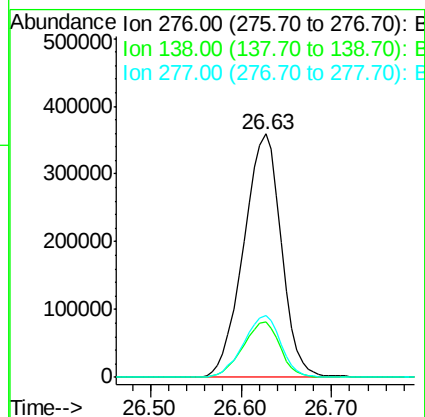
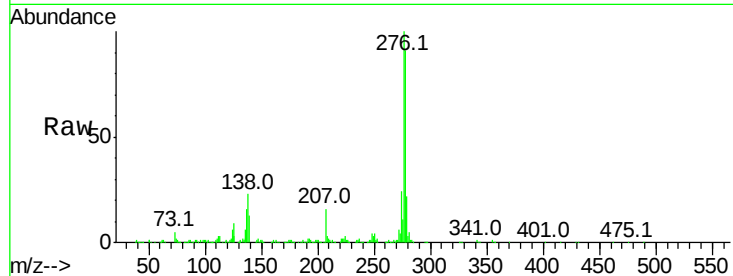




#85
Indeno(1,2,3-cd)pyrene
Concen: 60.956 ng
RT: 26.63 min Scan# 3968
Delta R.T. -0.03 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

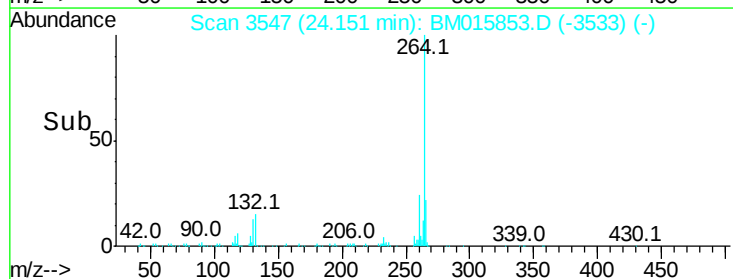
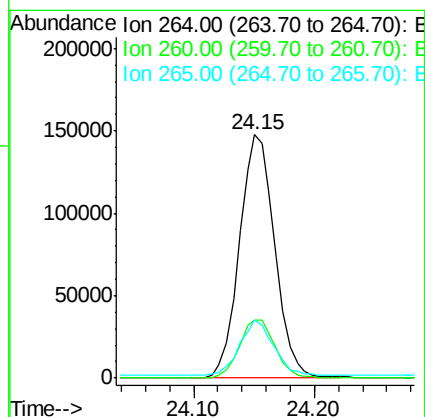
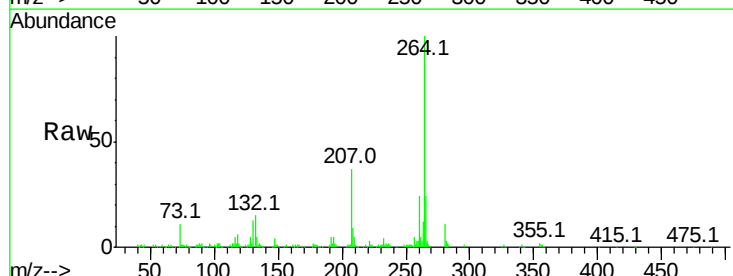
Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

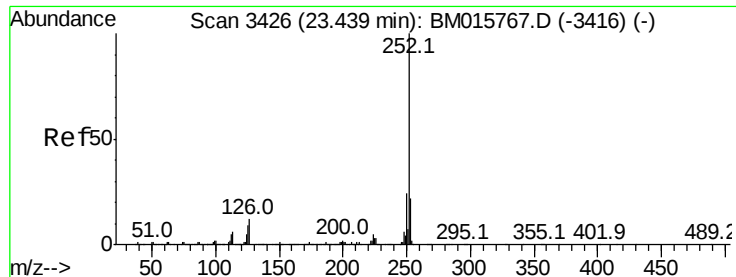
Tot Ion:276 Resp: 1040779
Ion Ratio Lower Upper
276 100
138 22.5 12.0 18.0#
277 25.2 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.15 min Scan# 3547
Delta R.T. -0.02 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion:264 Resp: 300905
Ion Ratio Lower Upper
264 100
260 23.8 18.6 27.8
265 23.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 43.187 ng

RT: 23.42 min Scan# 3423

Delta R.T. -0.02 min

Lab File: BM015853.D

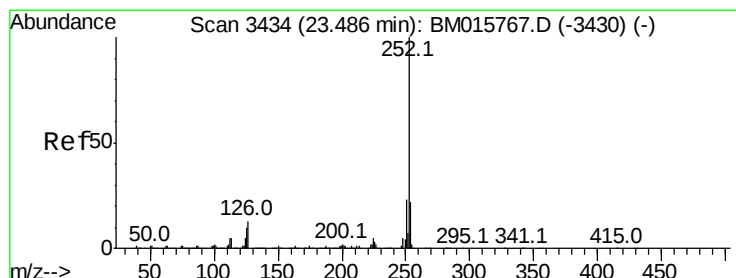
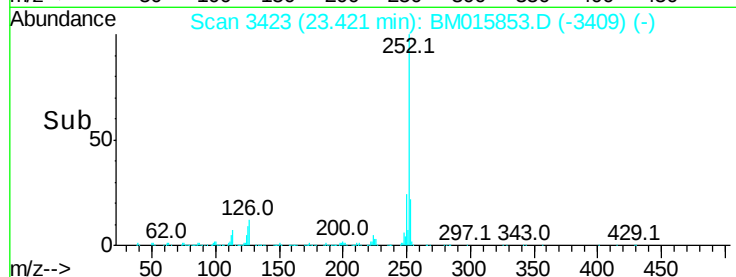
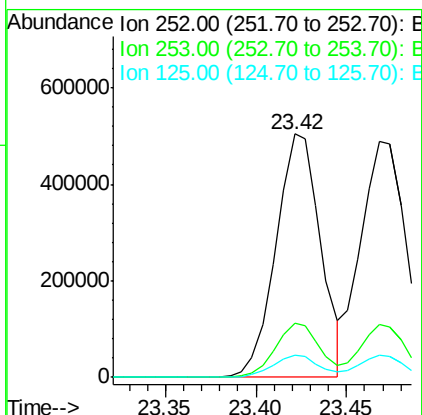
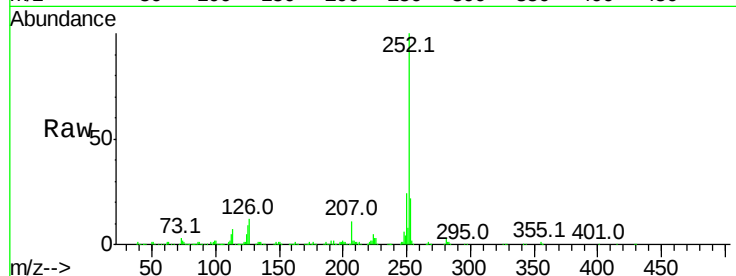
Acq: 09 Jul 2018 21:17

Instrument :
BNA_M

ClientSampleId :
NS-DRUM-2-STONEMSD

Tot Ion:252 Resp: 867619

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	8.9	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 43.872 ng

RT: 23.47 min Scan# 3431

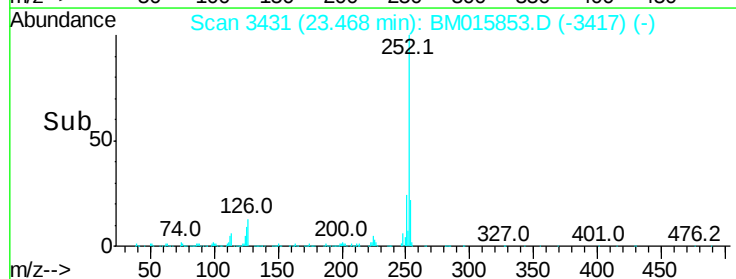
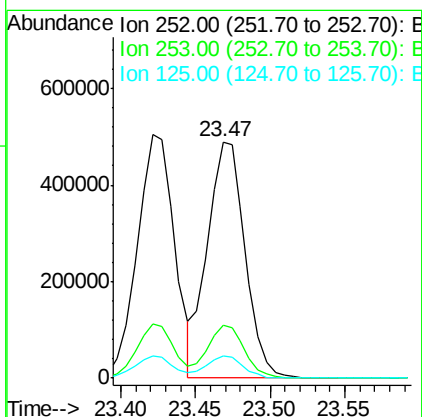
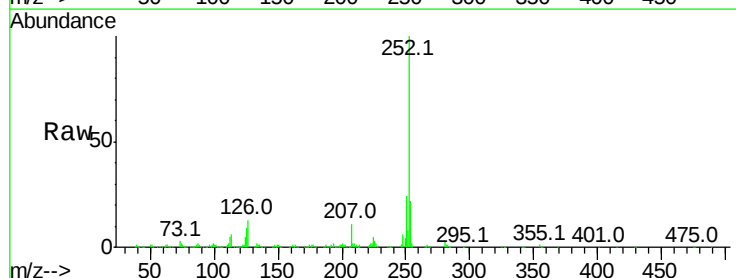
Delta R.T. -0.02 min

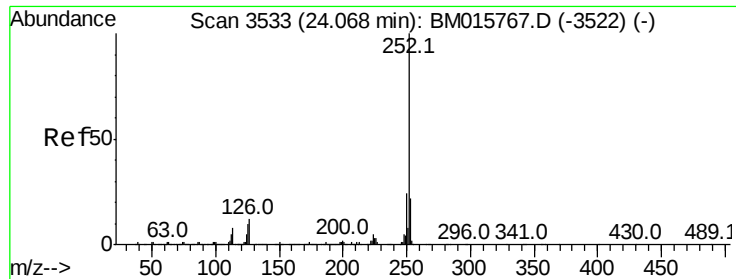
Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Tgt Ion:252 Resp: 856172

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	9.2	8.1	12.1

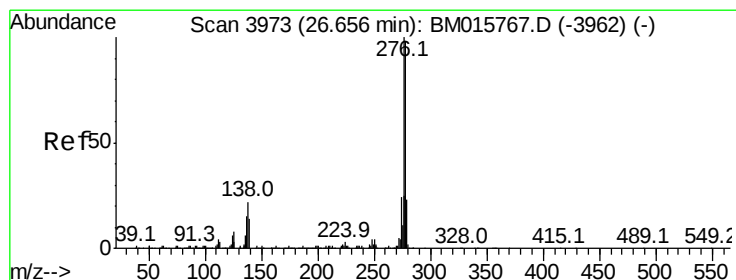
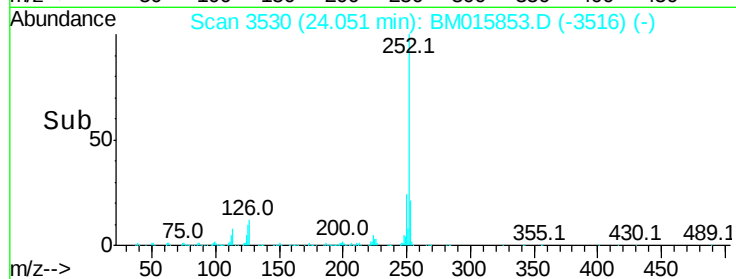
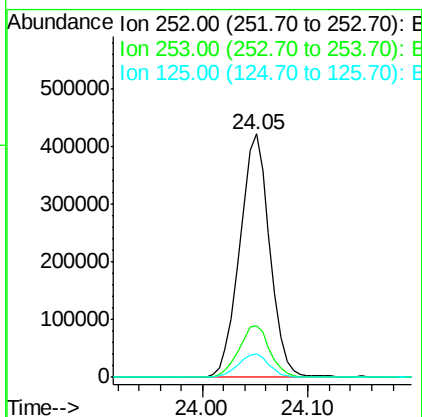
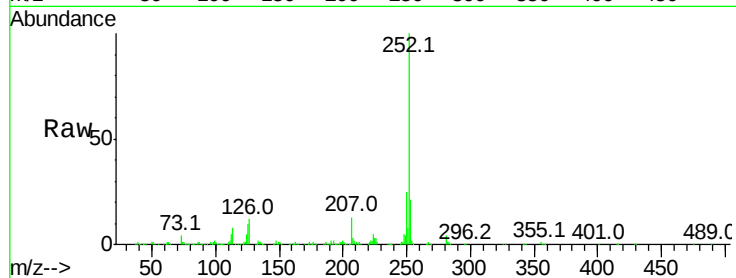




#89
Benzo(a)pyrene
Concen: 46.759 ng
RT: 24.05 min Scan# 3530
Delta R.T. -0.02 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

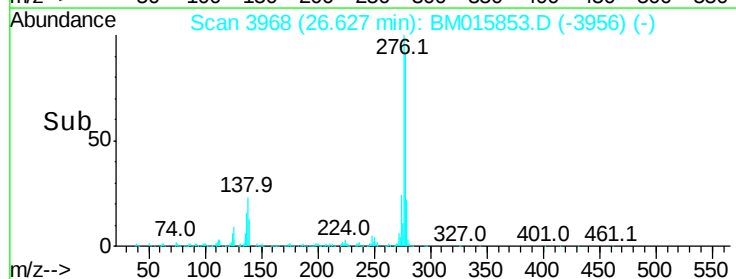
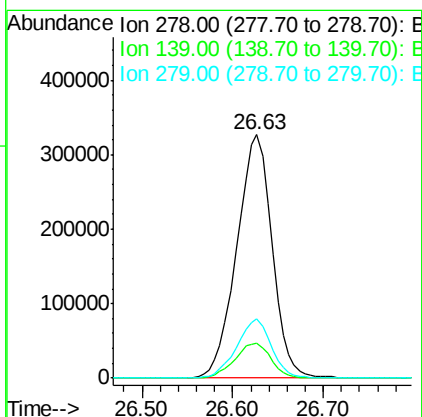
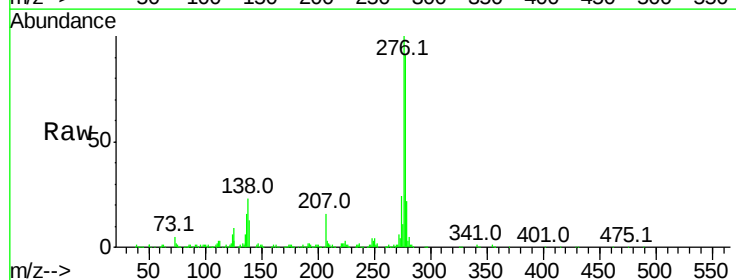
Instrument :
BNA_M
ClientSampleId :
NS-DRUM-2-STONEMSD

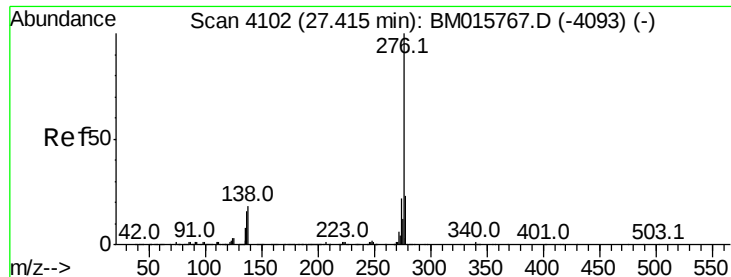
Tot Ion:252 Resp: 826913
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 9.7 7.4 11.2



#90
Dibenzo(a,h)anthracene
Concen: 55.566 ng
RT: 26.63 min Scan# 3968
Delta R.T. -0.03 min
Lab File: BM015853.D
Acq: 09 Jul 2018 21:17

Tgt Ion:278 Resp: 884127
Ion Ratio Lower Upper
278 100
139 14.3 13.4 20.0
279 24.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 60.051 ng

RT: 27.39 min Scan# 4097

Delta R.T. -0.03 min

Lab File: BM015853.D

Acq: 09 Jul 2018 21:17

Instrument :

BNA_M

ClientSampleId :

NS-DRUM-2-STONEMSD

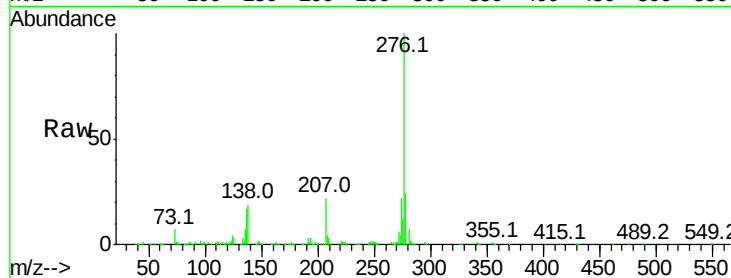
Tot Ion:276 Resp: 839525

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 18.8 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

