

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031819\
 Data File : BM019215.D
 Acq On : 18 Mar 2019 14:51
 Operator : JU/SJ
 Sample : K1933-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

Quant Time: Mar 19 04:12:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	223834	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	956534	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	557888	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1184905	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	917575	20.00	ng	-0.01
87) Perylene-d12	23.49	264	841057	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	2335318	168.96	ng	0.00
7) Phenol-d6	6.84	99	3418062	169.07	ng	0.00
23) Nitrobenzene-d5	8.82	82	2070393	102.32	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1357231	164.77	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3857331	89.94	ng	-0.02
79) Terphenyl-d14	19.70	244	4971424	107.56	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	214062	34.815	ng	100
3) Pyridine	3.61	79	610729	36.510	ng	99
4) n-Nitrosodimethylamine	3.53	42	199859	38.432	ng	99
6) Aniline	7.00	93	324896	12.448	ng	99
8) 2-Chlorophenol	7.22	128	799296	48.124	ng	99
9) Benzaldehyde	6.82	77	293461	23.077	ng	98
10) Phenol	6.86	94	1115472	51.197	ng	100
11) bis(2-Chloroethyl)ether	7.09	93	719290	43.264	ng	99
12) 1,3-Dichlorobenzene	7.53	146	731097	41.594	ng	99
13) 1,4-Dichlorobenzene	7.69	146	755101	42.138	ng	97
14) 1,2-Dichlorobenzene	8.00	146	741679	42.541	ng	99
15) Benzyl Alcohol	7.90	79	759357	45.383	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	707535	41.679	ng	98
17) 2-Methylphenol	8.10	107	694422	48.910	ng	99
18) Hexachloroethane	8.70	117	273104	41.015	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	712960	42.986	ng	98
20) 3+4-Methylphenols	8.43	107	948686	49.226	ng	98
22) Acetophenone	8.48	105	1169433	44.239	ng	# 99
24) Nitrobenzene	8.86	77	979038	46.521	ng	99
25) Isophorone	9.38	82	1779552	46.087	ng	100
26) 2-Nitrophenol	9.56	139	433818	49.730	ng	99
27) 2,4-Dimethylphenol	9.62	122	751783	57.969	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	1074307	46.988	ng	99
29) 2,4-Dichlorophenol	10.09	162	759383	52.870	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	759485	46.894	ng	100
31) Naphthalene	10.49	128	2327521	46.166	ng	100
32) Benzoic acid	9.75	122	91353	8.317	ng	96
33) 4-Chloroaniline	10.62	127	132177	6.396	ng	97
34) Hexachlorobutadiene	10.75	225	402808	43.340	ng	99
35) Caprolactam	11.45	113	142438	27.839	ng	97
36) 4-Chloro-3-methylphenol	11.74	107	867881	48.971	ng	99
37) 2-Methylnaphthalene	12.10	142	1740861	47.517	ng	99
38) 1-Methylnaphthalene	12.33	142	1655386	45.841	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	829657	47.013	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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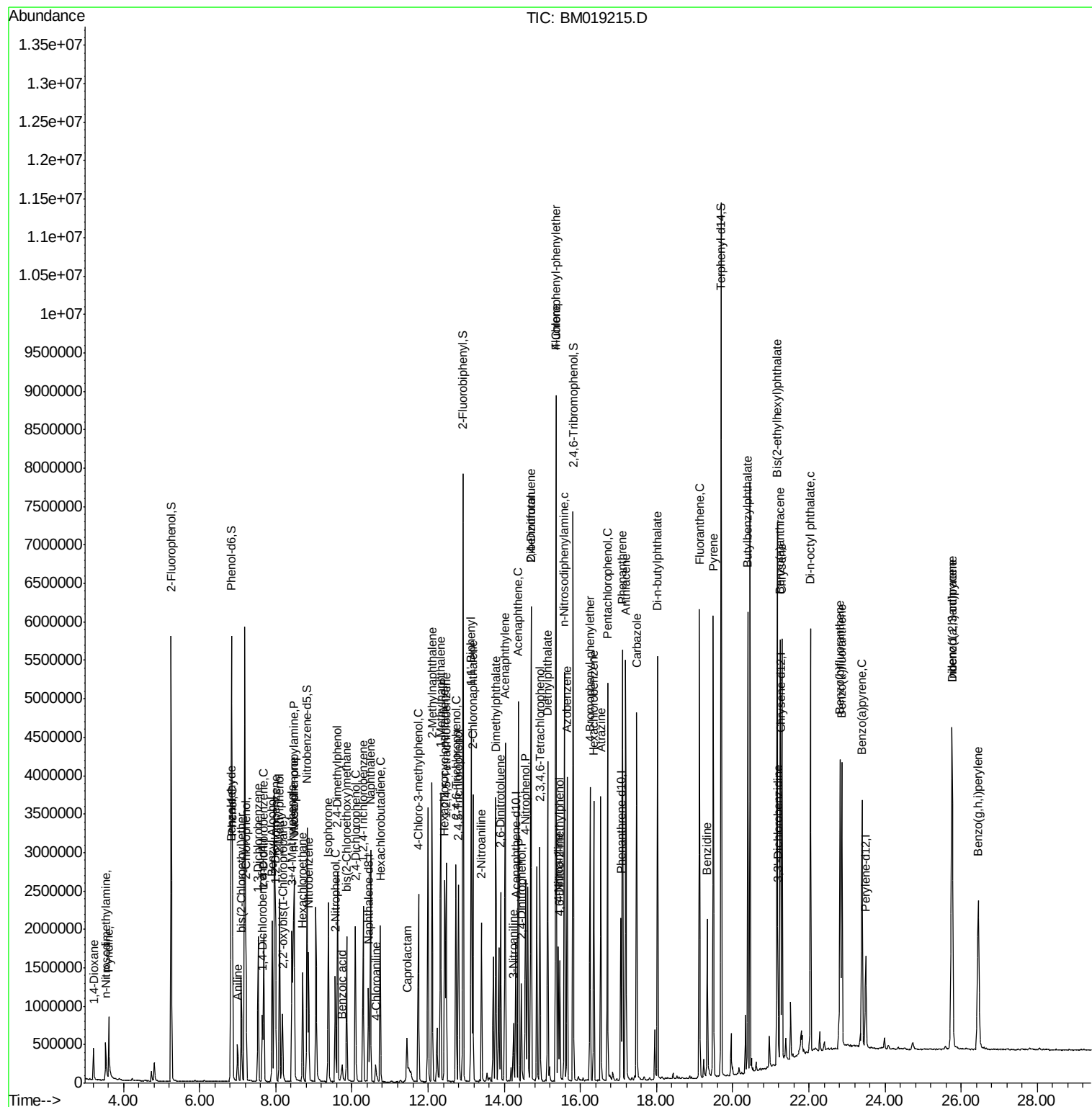
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	735794	92.048	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	615321	53.954	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	641240	52.581	ng	98
46) 1,1'-Biphenyl	13.13	154	2242200	46.021	ng	100
47) 2-Chloronaphthalene	13.17	162	1739836	47.841	ng	99
48) 2-Nitroaniline	13.40	65	594039	48.706	ng	97
49) Acenaphthylene	14.03	152	2821047	45.877	ng	100
50) Dimethylphthalate	13.78	163	2453799	51.416	ng	100
51) 2,6-Dinitrotoluene	13.90	165	495498	48.029	ng	98
52) Acenaphthene	14.37	154	1628111	46.079	ng	98
53) 3-Nitroaniline	14.24	138	184064	16.845	ng	98
54) 2,4-Dinitrophenol	14.45	184	275751	46.025	ng	99
55) Dibenzofuran	14.70	168	2650625	46.517	ng	99
56) 4-Nitrophenol	14.56	139	763205	85.549	ng	99
57) 2,4-Dinitrotoluene	14.70	165	699223	46.691	ng	98
58) Fluorene	15.36	166	2161066	46.011	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	567896	50.021	ng	99
60) Diethylphthalate	15.14	149	2251390	46.579	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1065831	46.722	ng	97
62) 4-Nitroaniline	15.42	138	439159	39.881	ng	99
63) Azobenzene	15.65	77	2335795	45.924	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	310727	40.018	ng	98
66) n-Nitrosodiphenylamine	15.58	169	1876636	49.747	ng	100
67) 4-Bromophenyl-phenylether	16.25	248	638727	48.883	ng	98
68) Hexachlorobenzene	16.35	284	738751	47.555	ng	98
69) Atrazine	16.54	200	638702	50.297	ng	100
70) Pentachlorophenol	16.71	266	858047	91.677	ng	99
71) Phenanthrene	17.10	178	3170962	45.657	ng	100
72) Anthracene	17.19	178	3249010	47.786	ng	99
73) Carbazole	17.47	167	2866993	44.677	ng	99
74) Di-n-butylphthalate	18.03	149	3833235	49.398	ng	100
75) Fluoranthene	19.13	202	3343925	41.960	ng	99
77) Benzidine	19.33	184	1161810	44.646	ng	100
78) Pyrene	19.49	202	3299920	56.840	ng	100
80) Butylbenzylphthalate	20.40	149	1602006	63.354	ng	99
81) Benzo(a)anthracene	21.24	228	2574740	44.727	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	471277	21.252	ng	98
83) Chrysene	21.30	228	2489005	44.693	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2382346	64.759	ng	99
85) Di-n-octyl phthalate	22.04	149	3555762	57.400	ng	100
86) Indeno(1,2,3-cd)pyrene	25.76	276	2850009	47.540	ng	100
88) Benzo(b)fluoranthene	22.82	252	2482919	45.559	ng	100
89) Benzo(k)fluoranthene	22.87	252	2352648	46.934	ng	98
90) Benzo(a)pyrene	23.40	252	2317873	47.327	ng	100
91) Dibenzo(a,h)anthracene	25.77	278	2438029	52.039	ng	100
92) Benzo(g,h,i)perylene	26.45	276	2315024	53.821	ng	99

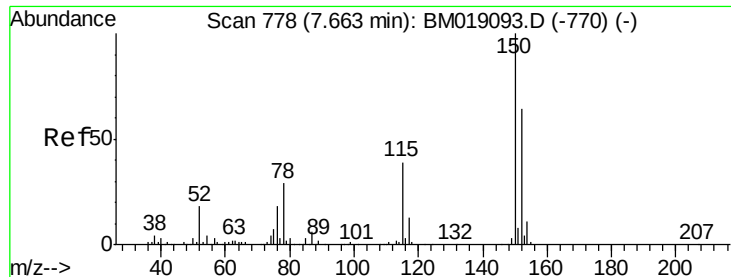
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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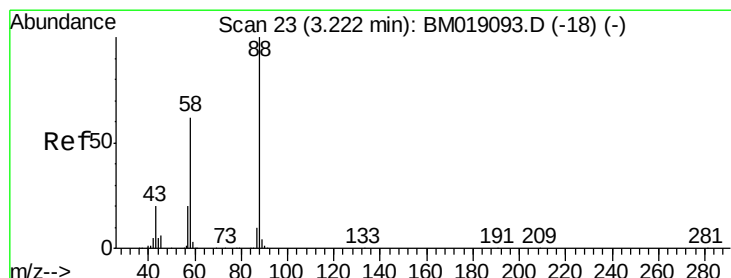
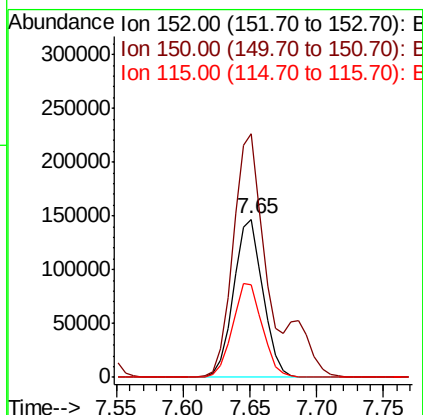
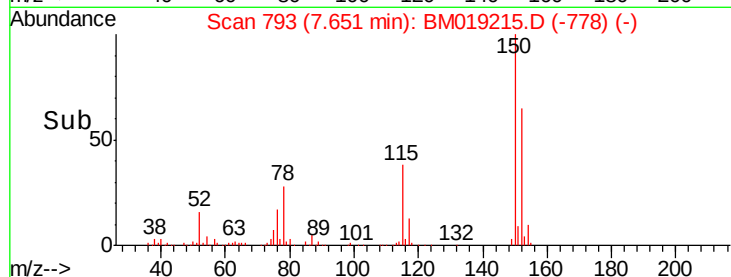
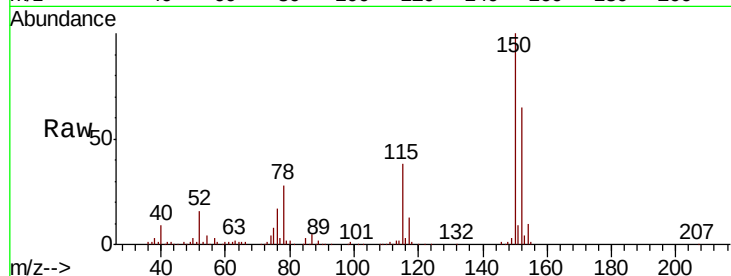


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

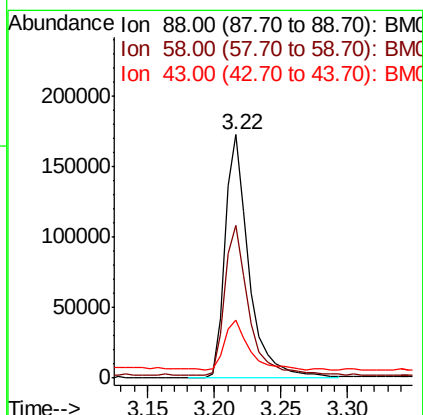
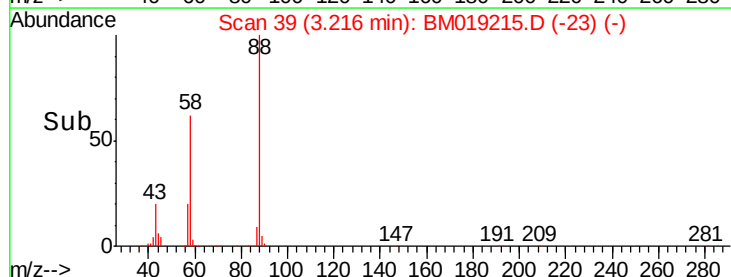
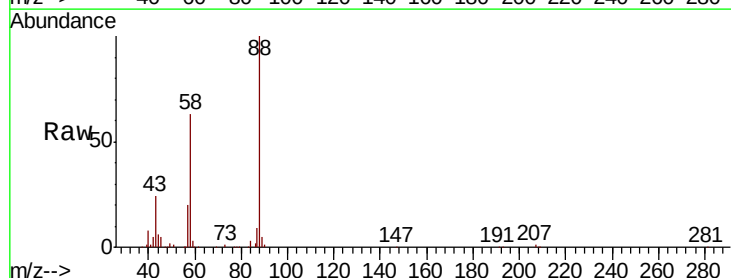
Tgt Ion:152 Resp: 223834
Ion Ratio Lower Upper
152 100
150 154.1 125.3 187.9
115 58.9 49.4 74.0

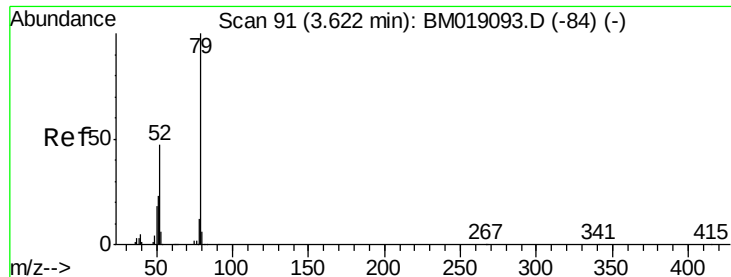


#2

1,4-Dioxane
Concen: 34.815 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion: 88 Resp: 214062
Ion Ratio Lower Upper
88 100
58 62.3 50.0 75.0
43 21.0 17.0 25.4





#3

Pyridine

Concen: 36.510 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

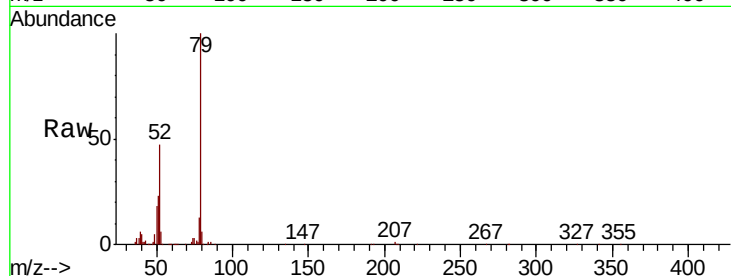
Tgt Ion: 79 Resp: 610729

Ion Ratio Lower Upper

79 100

52 46.9 37.5 56.3

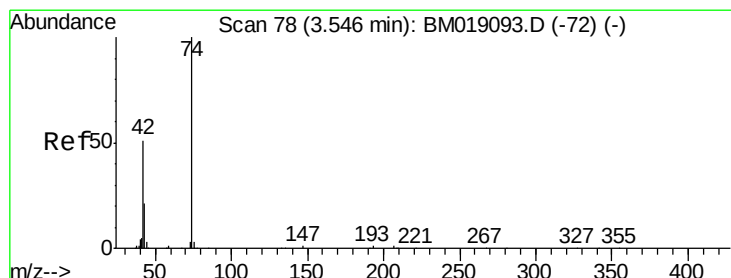
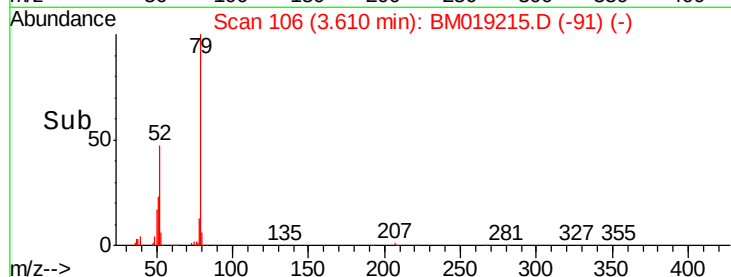
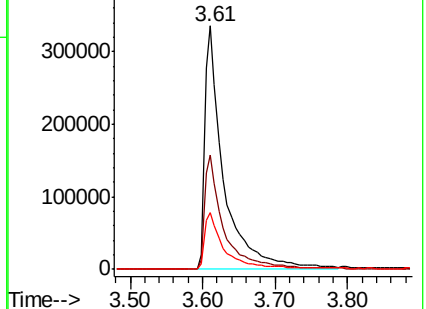
51 23.3 19.2 28.8



Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019093.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 38.432 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

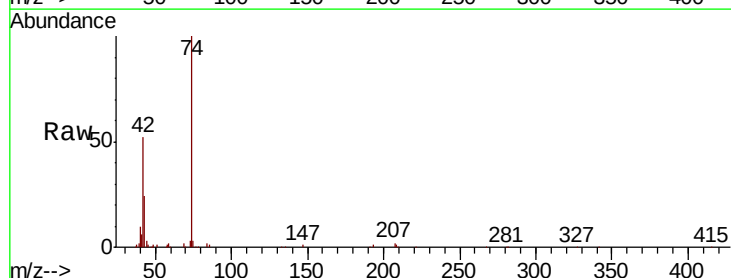
Tgt Ion: 42 Resp: 199859

Ion Ratio Lower Upper

42 100

74 194.0 156.3 234.5

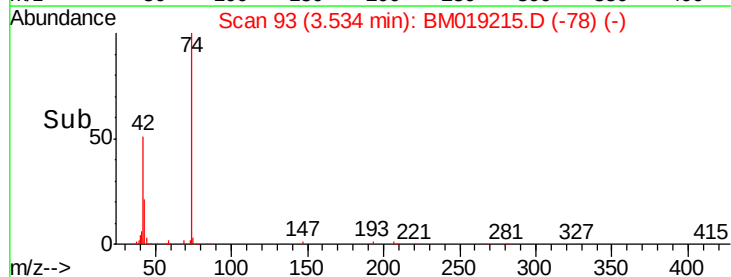
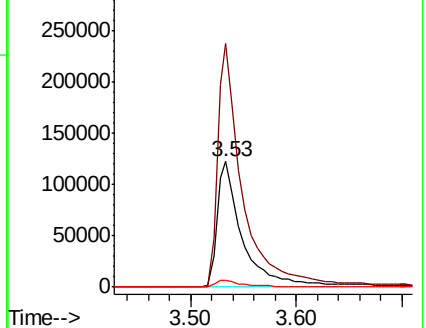
44 5.7 4.6 7.0

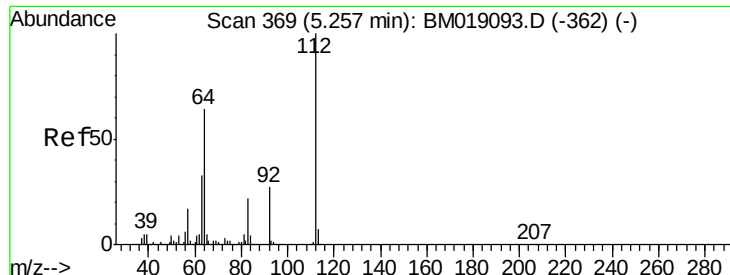


Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BM019093.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BM019093.D (-72) (-)





#5

2-Fluorophenol

Concen: 168.964 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

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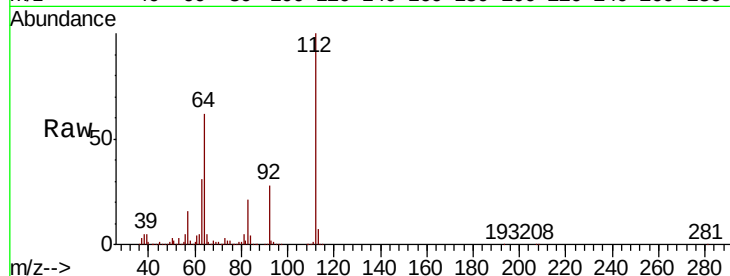
Tgt Ion: 112 Resp: 2335318

Ion Ratio Lower Upper

112 100

64 61.6 51.4 77.0

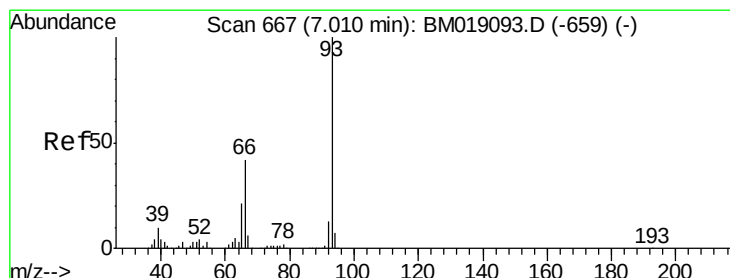
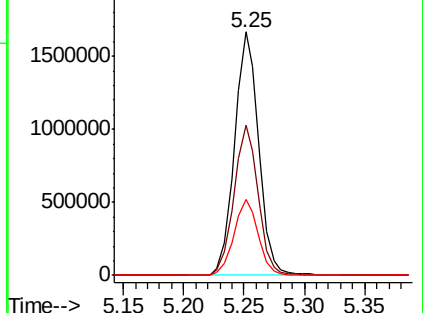
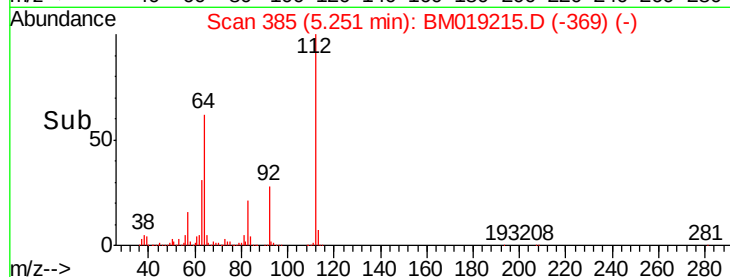
63 31.0 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 12.448 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

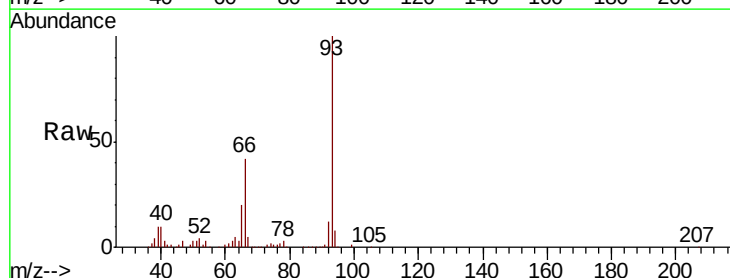
Tgt Ion: 93 Resp: 324896

Ion Ratio Lower Upper

93 100

66 42.0 33.4 50.2

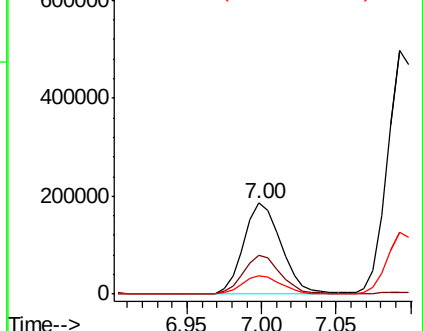
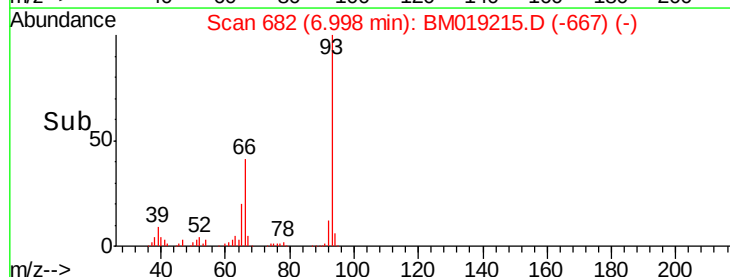
65 20.2 16.8 25.2

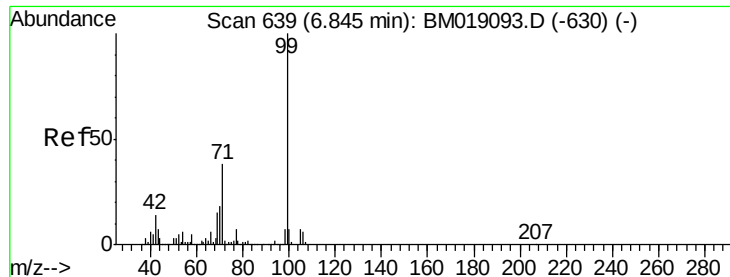


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 169.072 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019215.D

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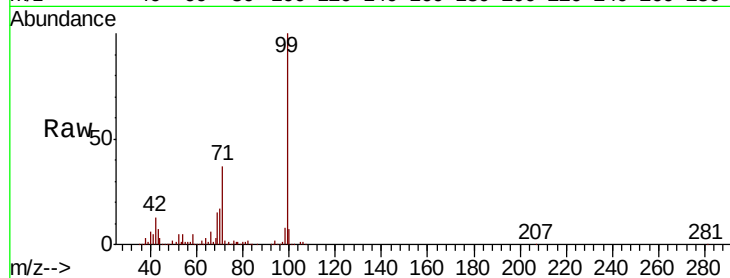
Tgt Ion: 99 Resp: 3418062

Ion Ratio Lower Upper

99 100

42 13.5 10.9 16.3

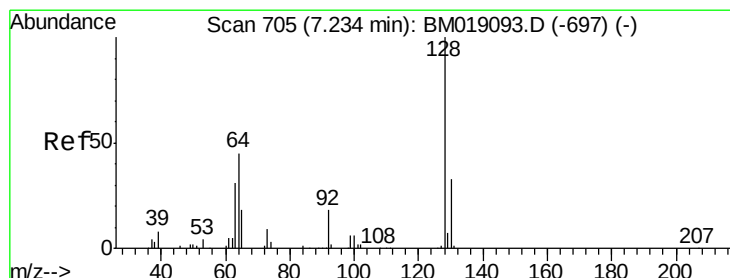
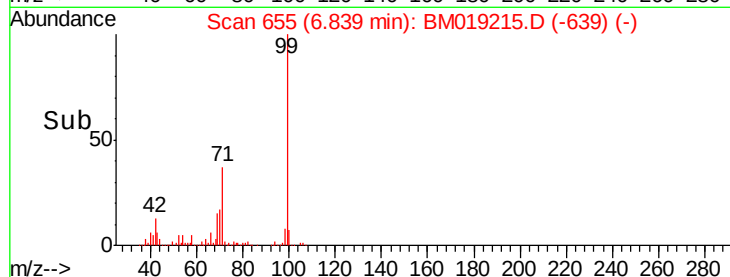
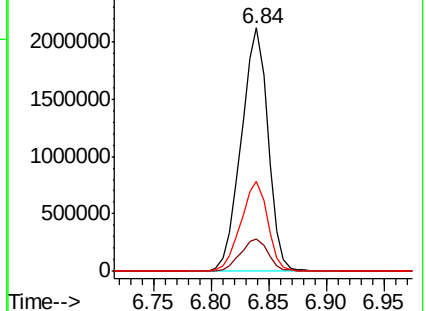
71 36.9 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019215.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019215.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019215.D (-639) (-)



#8

2-Chlorophenol

Concen: 48.124 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

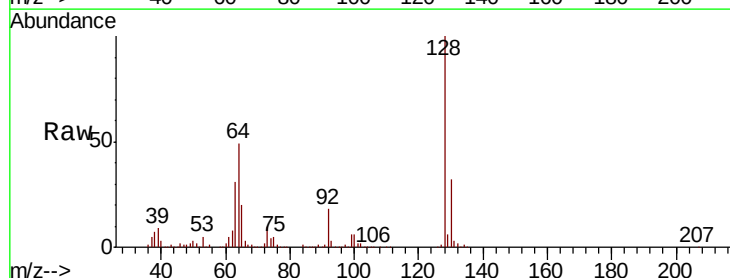
Tgt Ion: 128 Resp: 799296

Ion Ratio Lower Upper

128 100

130 32.4 12.8 52.8

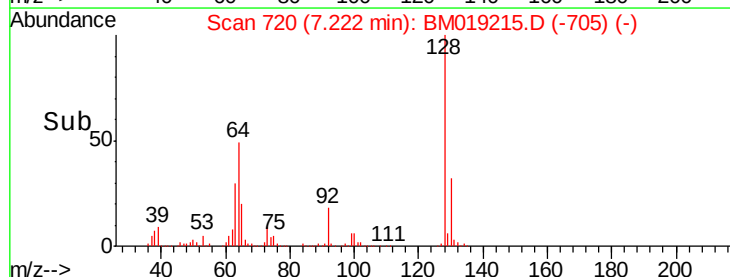
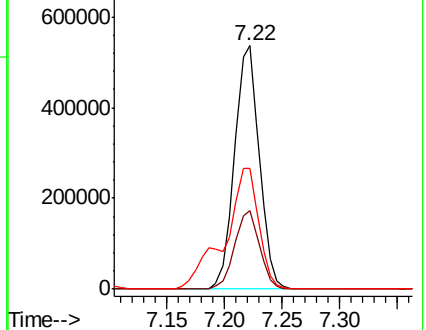
64 49.5 30.8 70.8

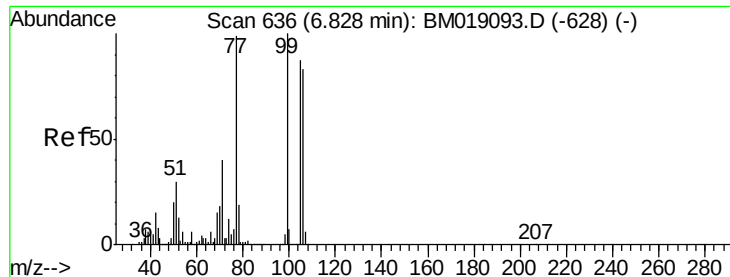


Abundance Ion 128.00 (127.70 to 128.70): BM019215.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM019215.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM019215.D (-705) (-)





#9

Benzaldehyde

Concen: 23.077 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.01 min

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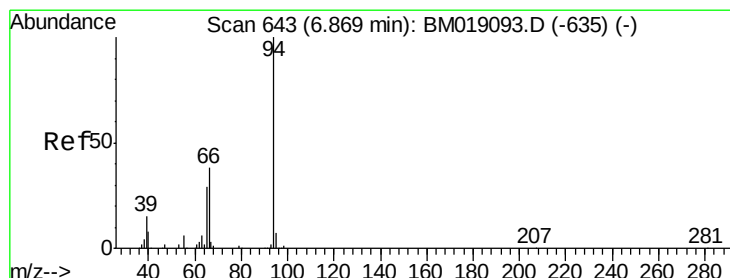
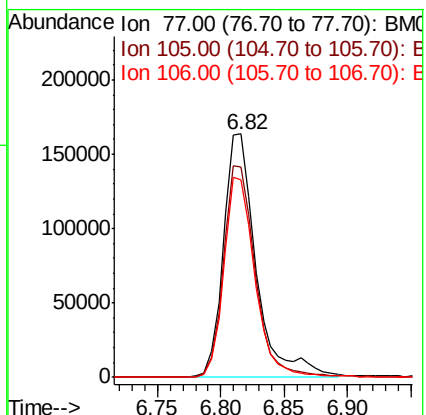
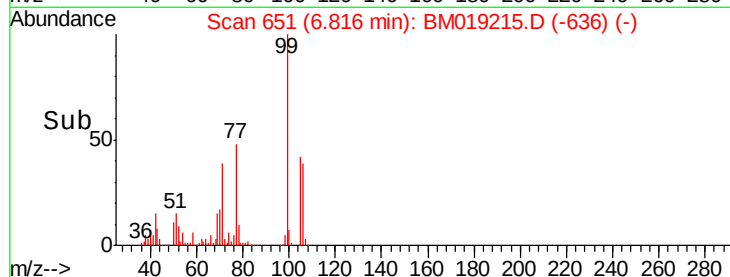
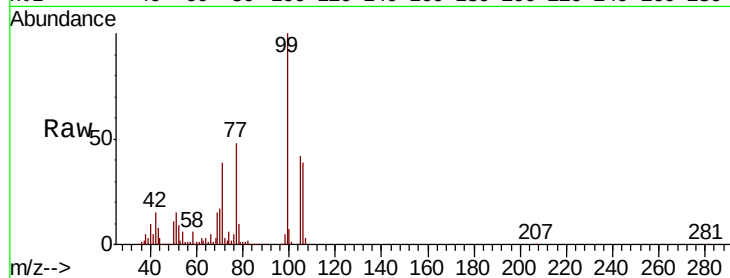
Tgt Ion: 77 Resp: 293461

Ion Ratio Lower Upper

77 100

105 86.2 67.7 107.7

106 81.4 64.1 104.1



#10

Phenol

Concen: 51.197 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

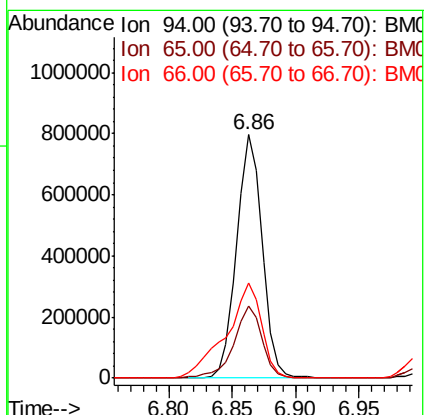
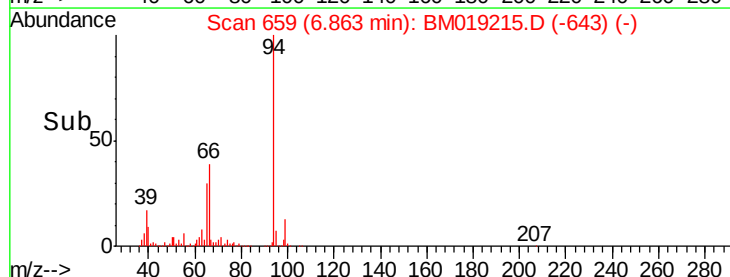
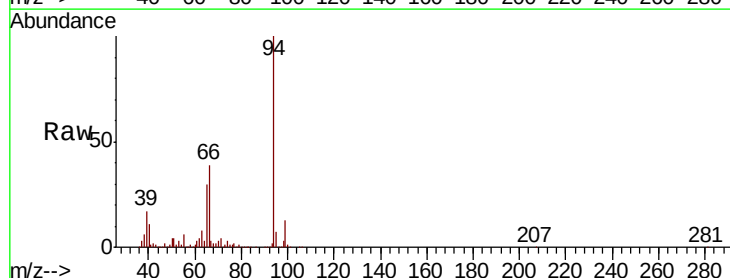
Tgt Ion: 94 Resp: 1115472

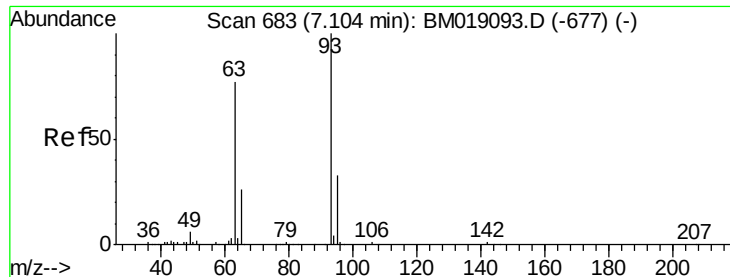
Ion Ratio Lower Upper

94 100

65 29.6 9.7 49.7

66 39.0 19.2 59.2

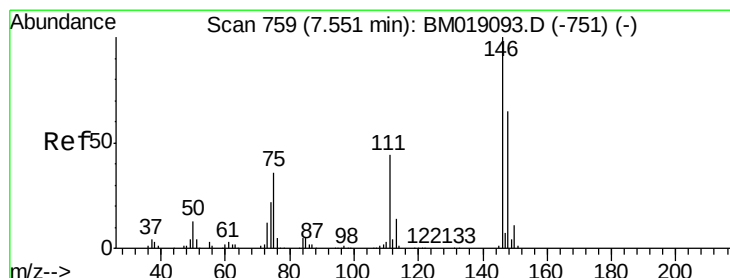
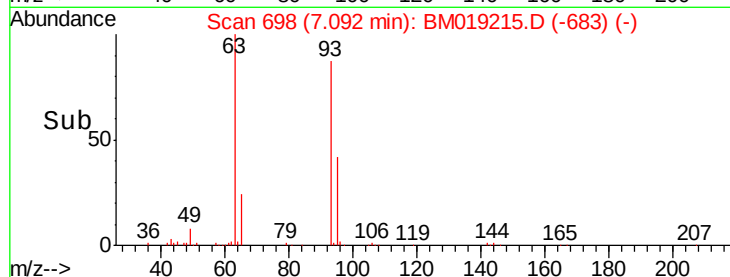
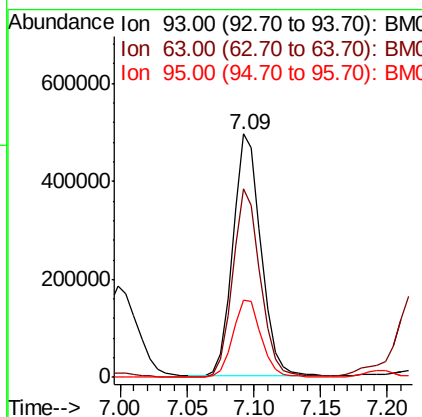
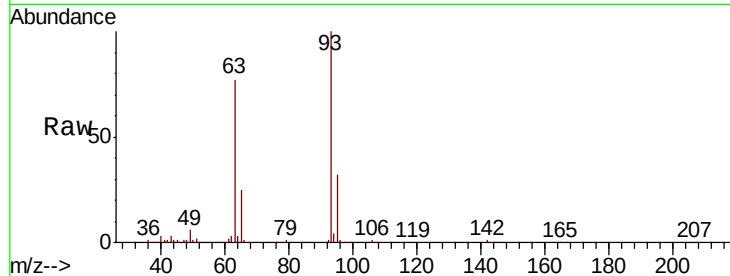




#11
 bis(2-Chloroethyl)ether
 Concen: 43.264 ng
 RT: 7.09 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

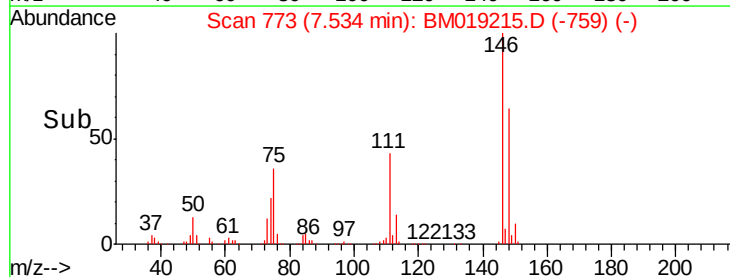
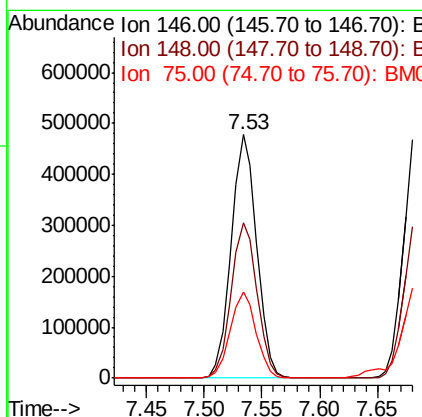
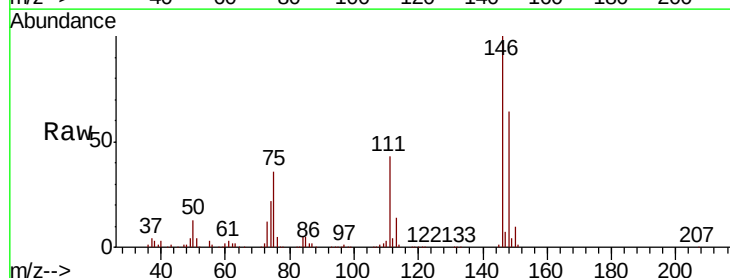
Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

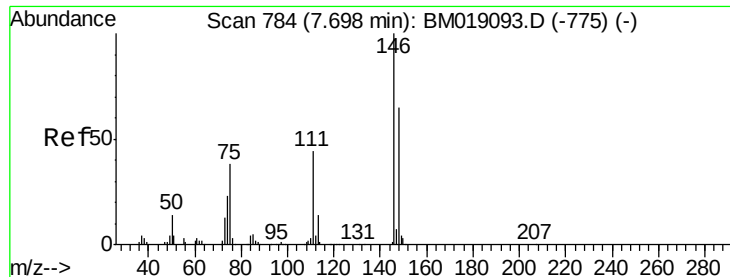
Tgt Ion: 93 Resp: 719290
 Ion Ratio Lower Upper
 93 100
 63 77.3 56.6 96.6
 95 32.0 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 41.594 ng
 RT: 7.53 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion: 146 Resp: 731097
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.7 77.5
 75 35.7 29.1 43.7

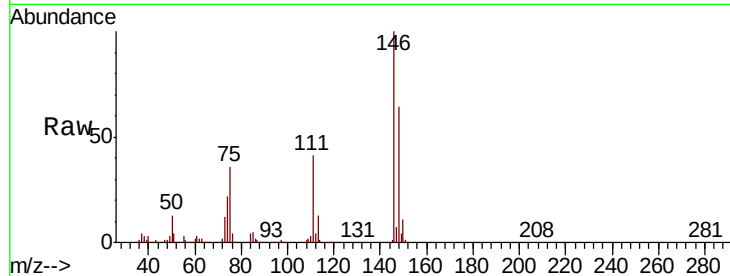




#13
 1,4-Dichlorobenzene
 Concen: 42.138 ng
 RT: 7.69 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
111	41.2	35.4	53.0

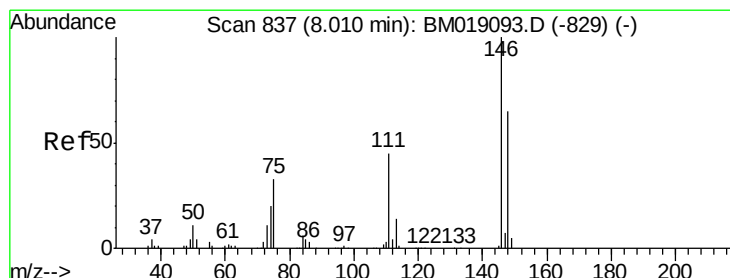
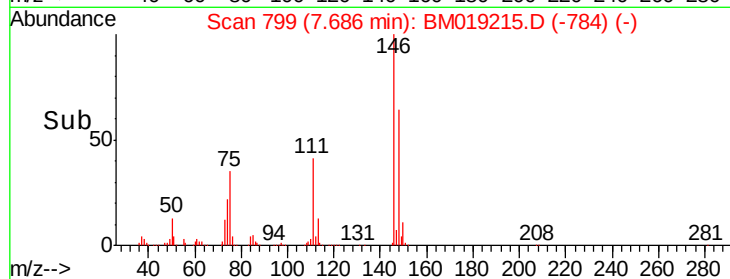
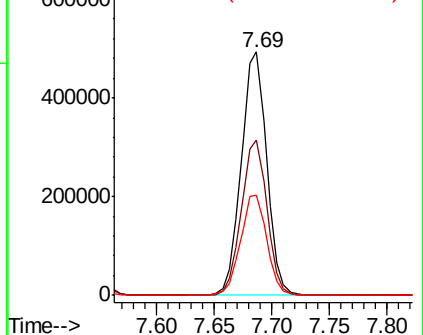


Abundance

Ion 146.00 (145.70 to 146.70): E

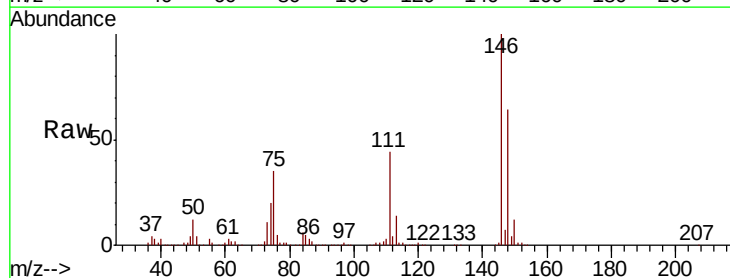
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 42.541 ng
 RT: 8.00 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.6
111	44.0	36.2	54.4

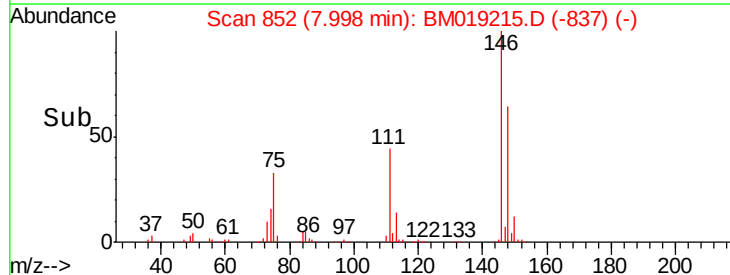
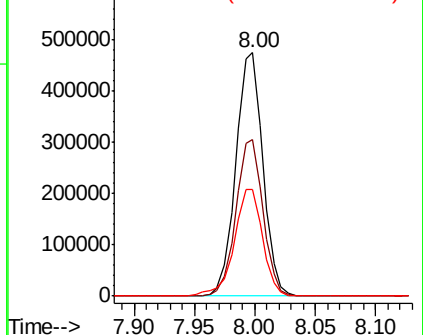


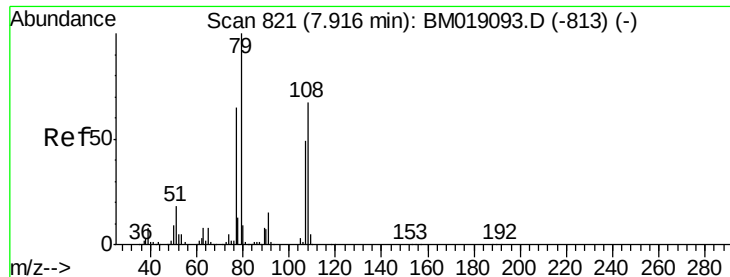
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.383 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

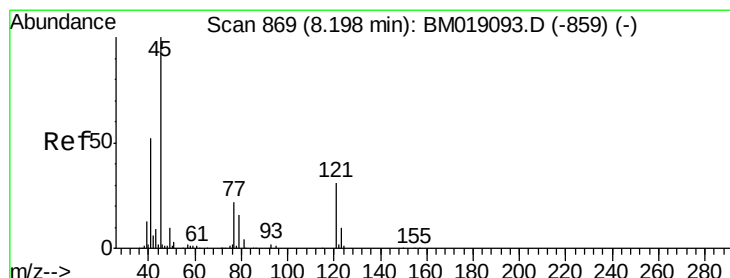
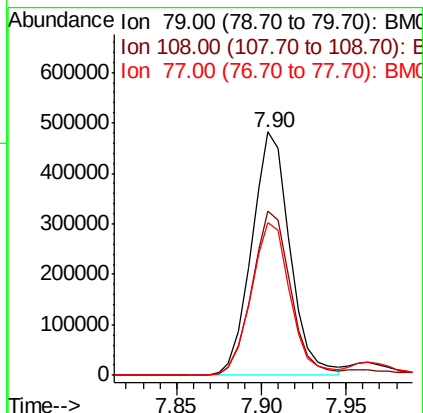
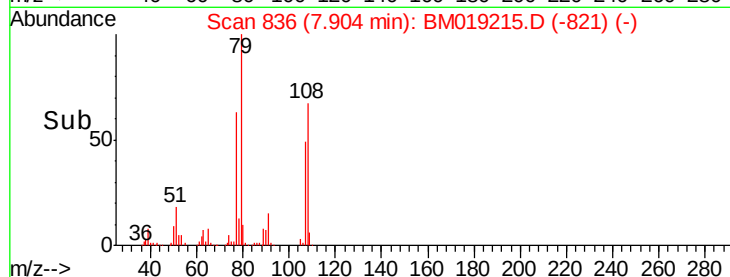
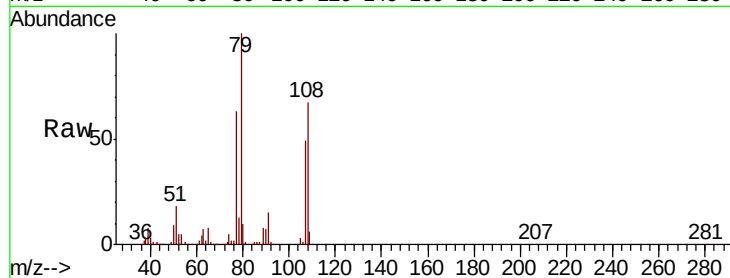
Tgt Ion: 79 Resp: 759357

Ion Ratio Lower Upper

79 100

108 67.4 53.7 80.5

77 62.9 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.679 ng

RT: 8.18 min Scan# 883

Delta R.T. -0.02 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

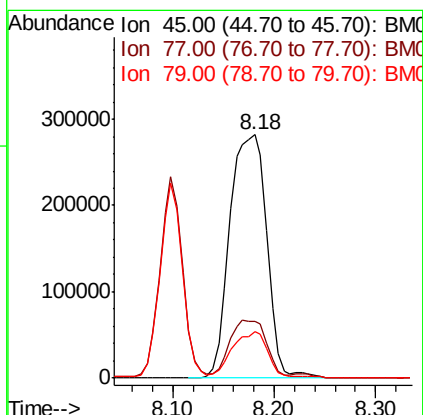
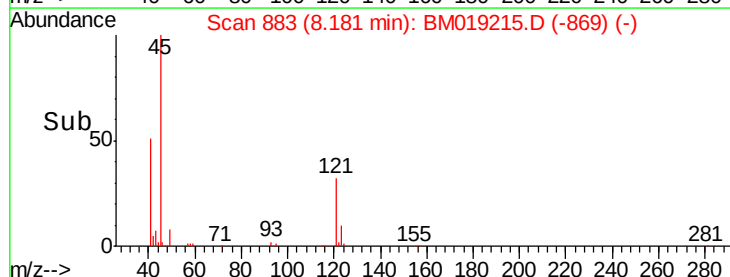
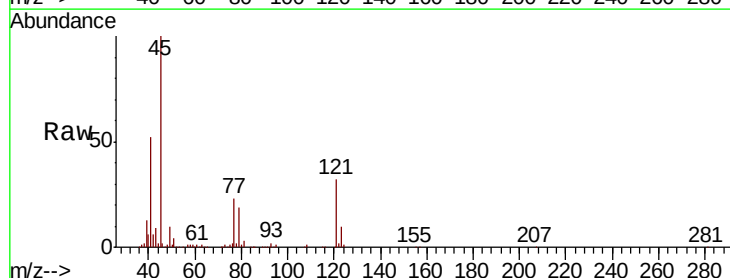
Tgt Ion: 45 Resp: 707535

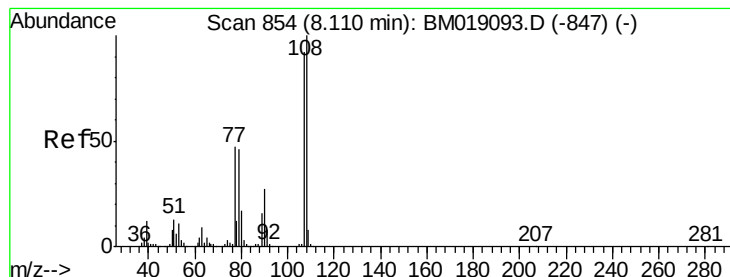
Ion Ratio Lower Upper

45 100

77 23.5 4.1 44.1

79 19.2 0.0 38.1





#17

2-Methylphenol

Concen: 48.910 ng

RT: 8.10 min Scan# 869

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

Tgt Ion:107 Resp: 694422

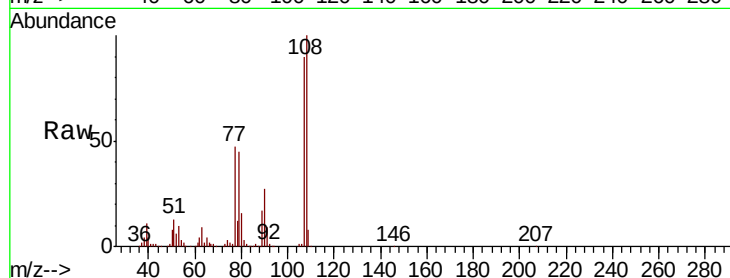
Ion Ratio Lower Upper

107 100

108 110.5 87.4 131.2

77 51.7 41.6 62.4

79 50.0 40.6 60.8

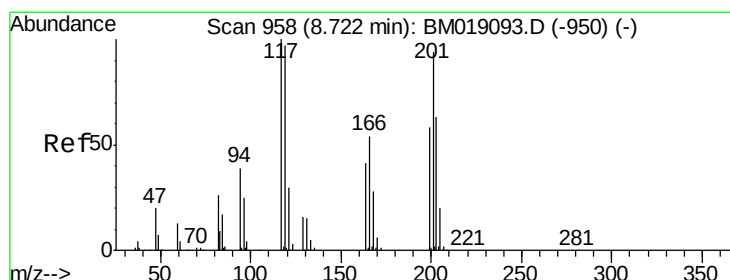
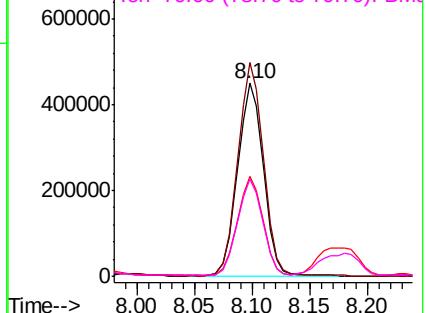
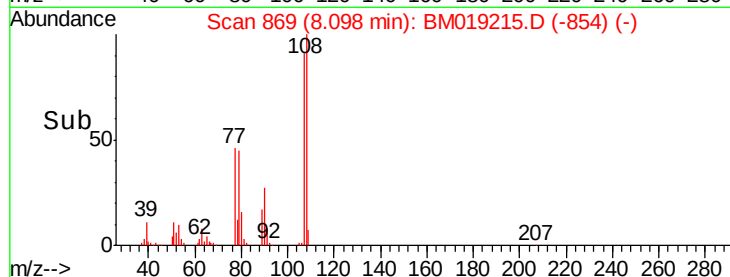


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 41.015 ng

RT: 8.70 min Scan# 972

Delta R.T. -0.02 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

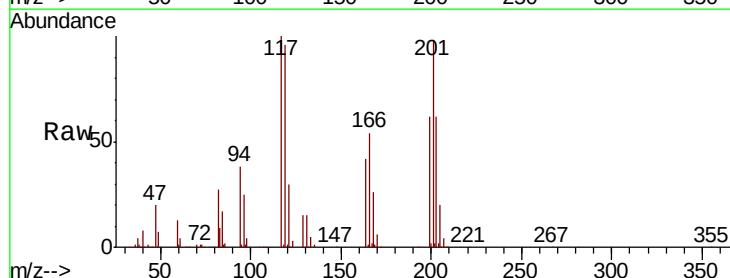
Tgt Ion:117 Resp: 273104

Ion Ratio Lower Upper

117 100

119 96.5 77.4 116.2

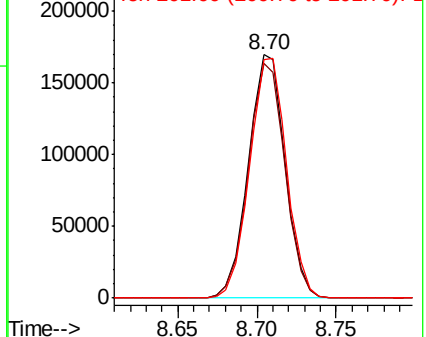
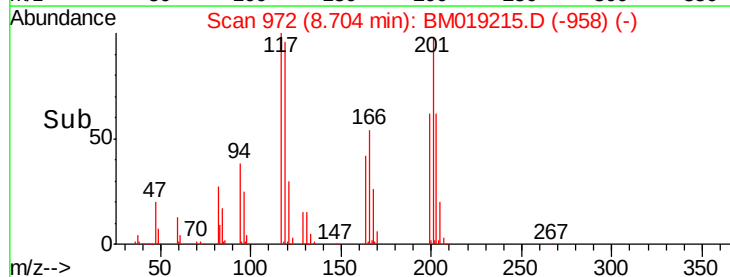
201 98.0 75.2 112.8

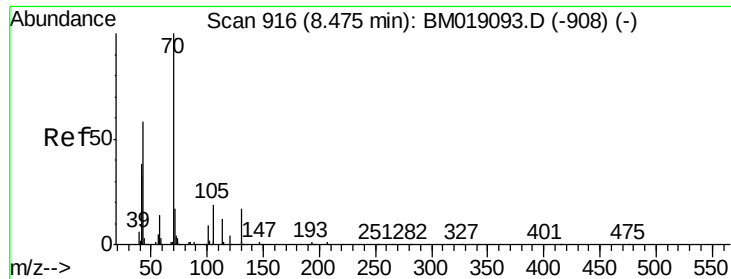


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

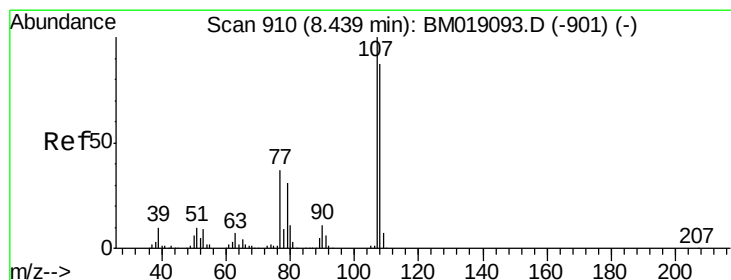
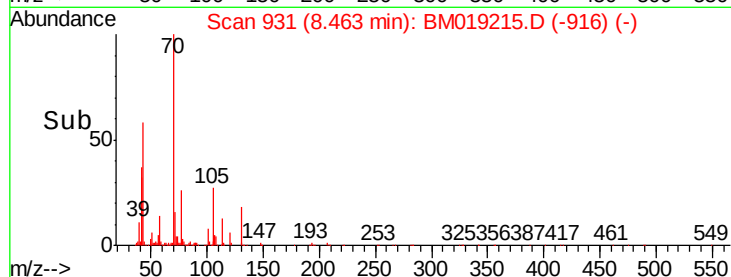
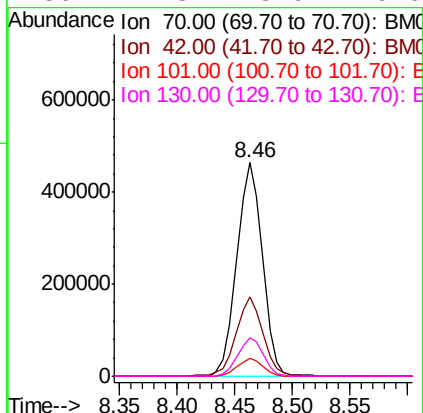
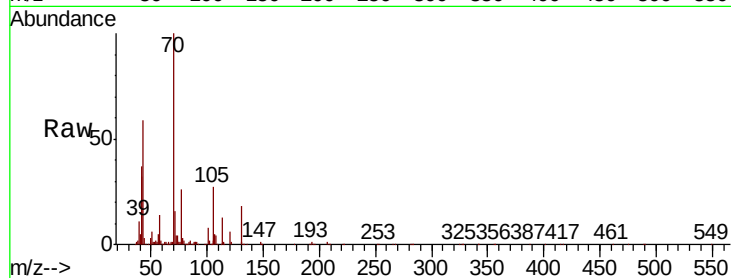




#19
 n-Nitroso-di-n-propylamine
 Concen: 42.986 ng
 RT: 8.46 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

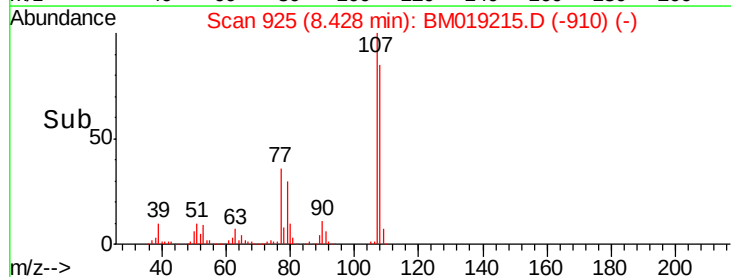
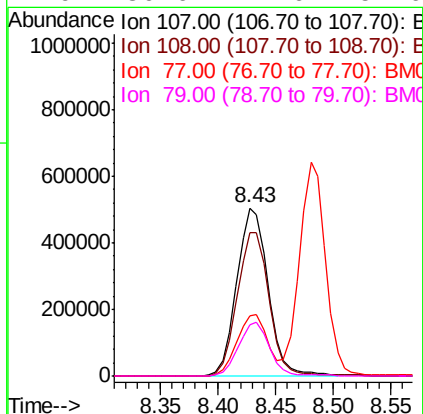
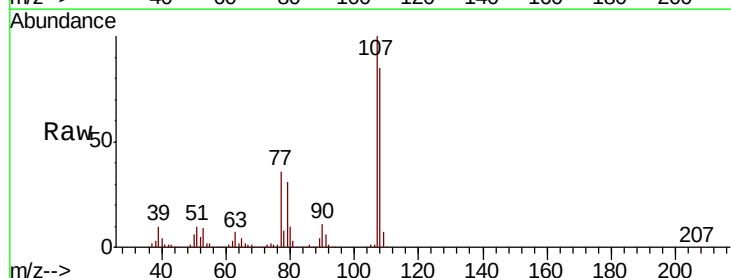
Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

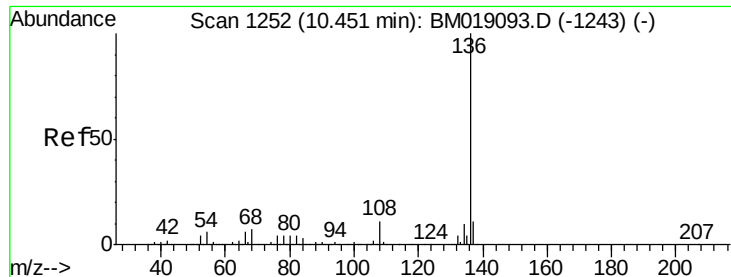
Tgt Ion:	70	Resp:	712960
Ion	Ratio	Lower	Upper
70	100		
42	36.9	30.6	45.8
101	8.3	6.8	10.2
130	17.8	13.9	20.9



#20
 3+4-Methylphenols
 Concen: 49.226 ng
 RT: 8.43 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion:	107	Resp:	948686
Ion	Ratio	Lower	Upper
107	100		
108	85.0	67.0	107.0
77	35.9	17.3	57.3
79	30.6	11.6	51.6

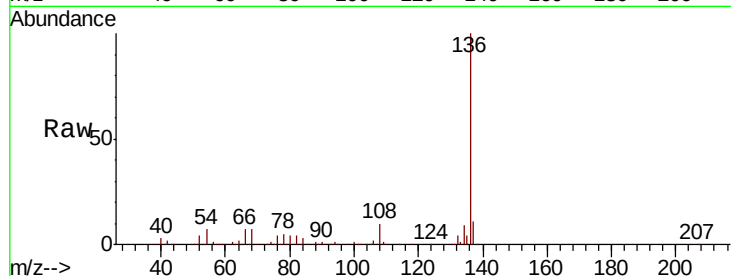




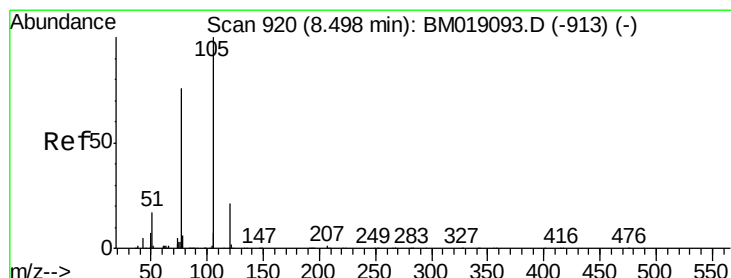
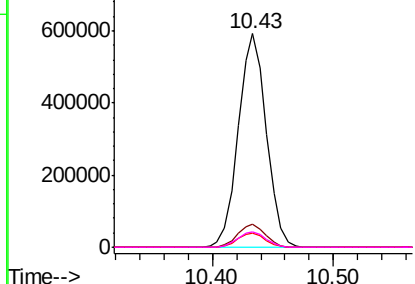
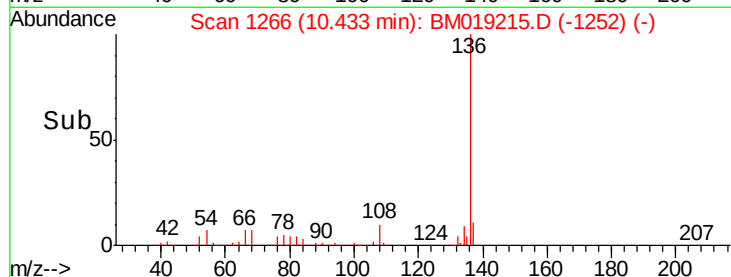
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Tgt Ion:	136	Resp:	956534
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.6	5.2	7.8
68	7.3	5.8	8.8

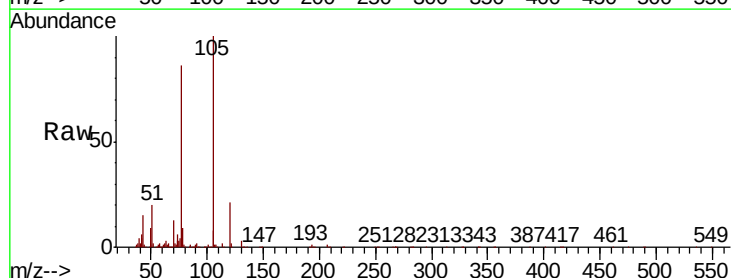


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

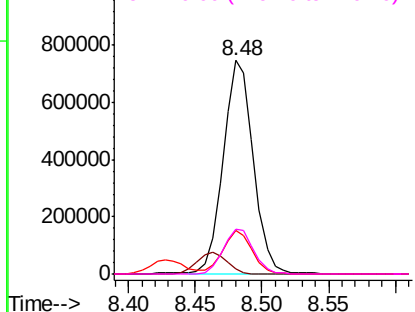
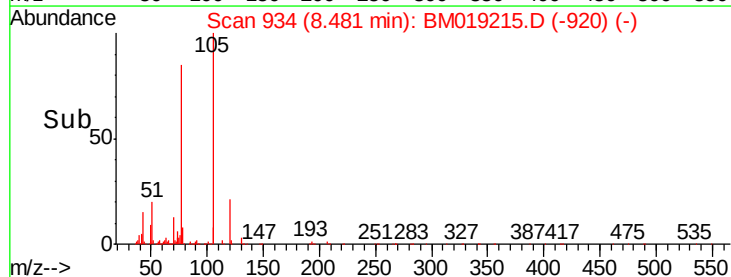


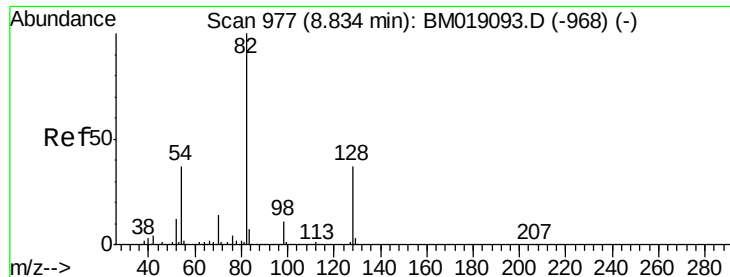
#22
Acetophenone
Concen: 44.239 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion:	105	Resp:	1169433
Ion	Ratio	Lower	Upper
105	100		
71	2.1	0.8	1.2#
51	20.2	15.8	23.6
120	21.2	17.0	25.4



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

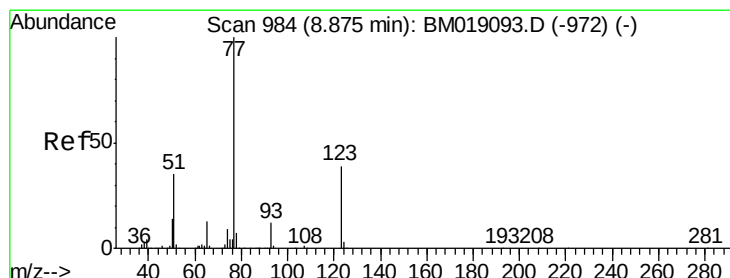
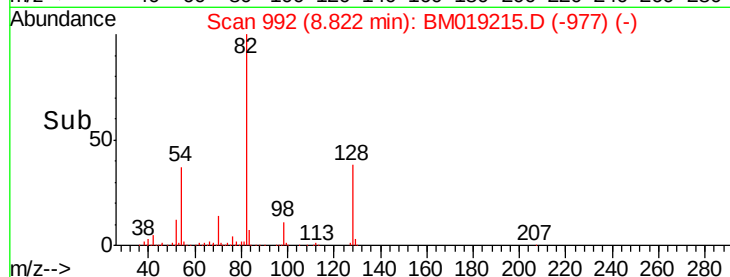
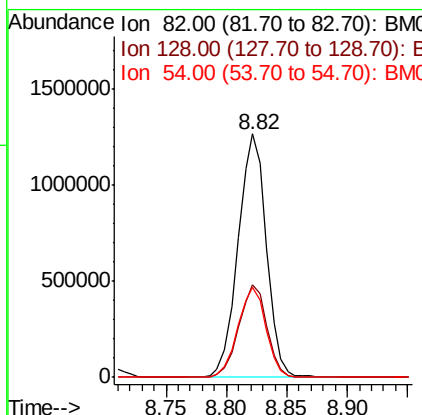
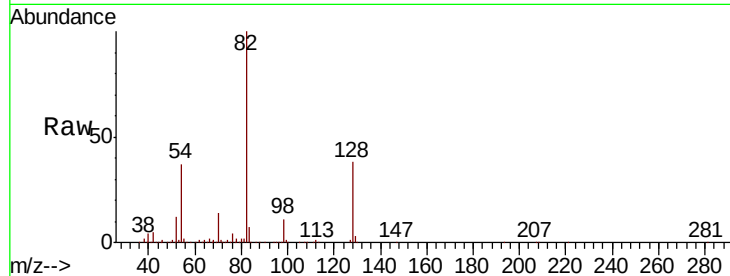




#23
 Nitrobenzene-d5
 Concen: 102.315 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

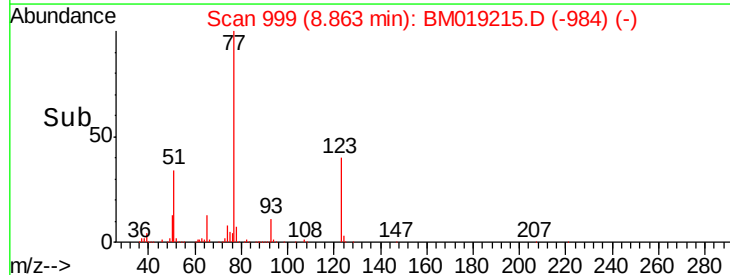
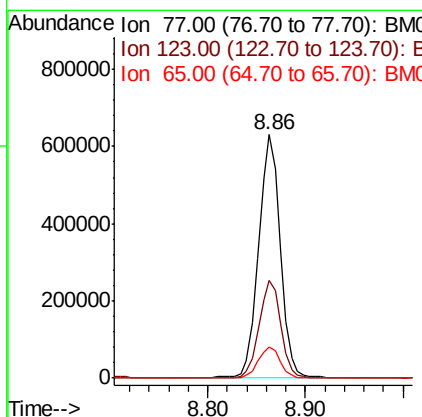
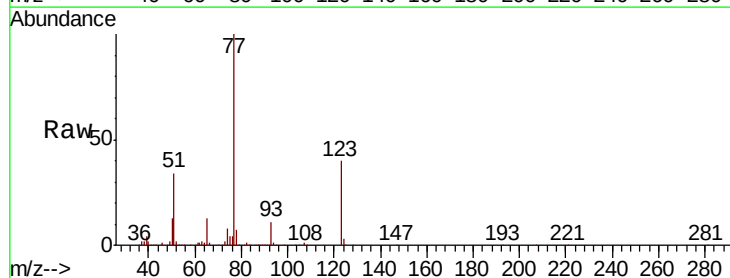
Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

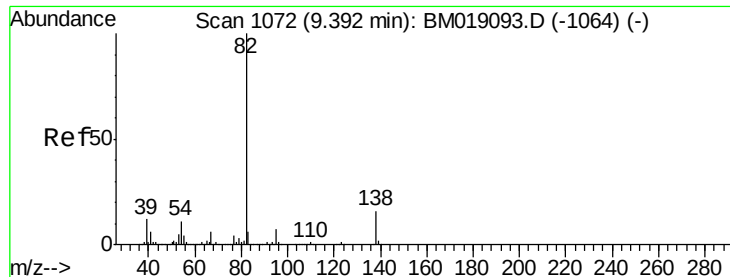
Tgt Ion: 82 Resp: 2070393
 Ion Ratio Lower Upper
 82 100
 128 38.2 29.4 44.2
 54 37.1 29.9 44.9



#24
 Nitrobenzene
 Concen: 46.521 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion: 77 Resp: 979038
 Ion Ratio Lower Upper
 77 100
 123 40.1 31.3 46.9
 65 12.8 10.5 15.7

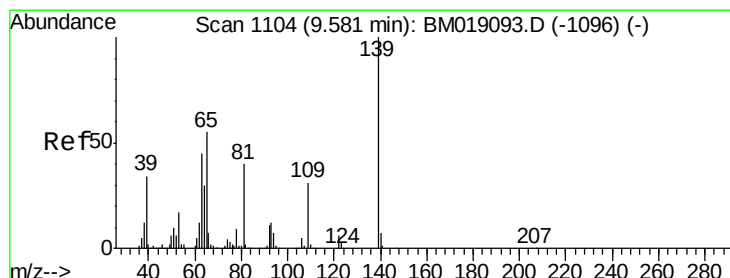
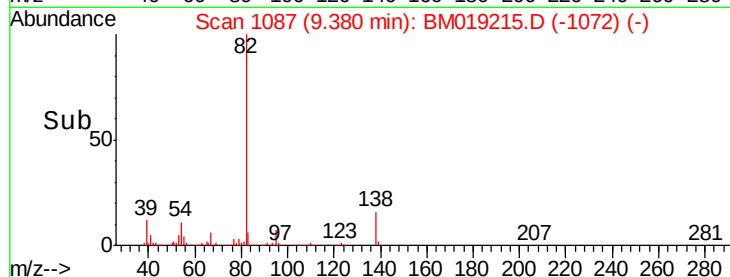
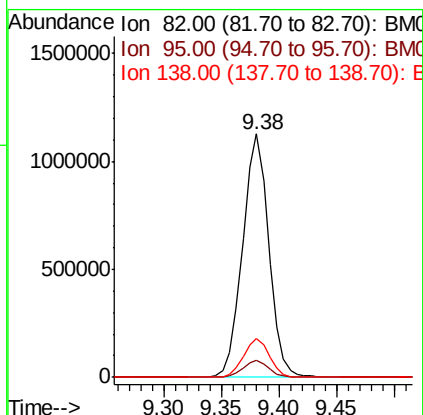
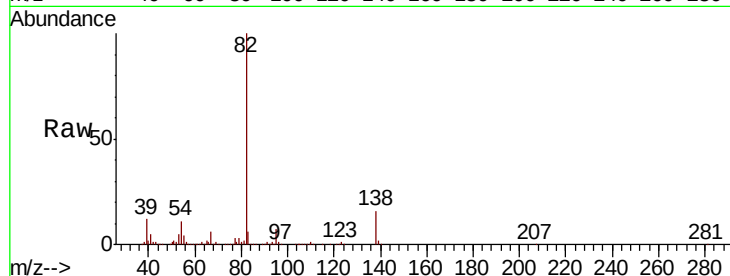




#25
Isophorone
Concen: 46.087 ng
RT: 9.38 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

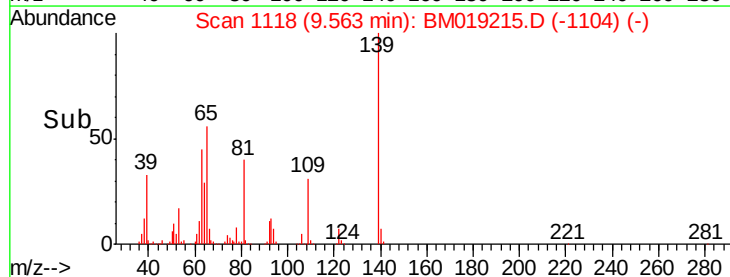
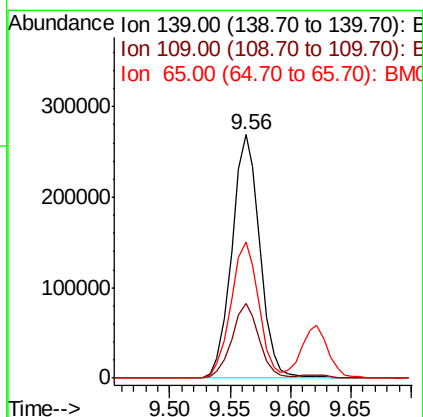
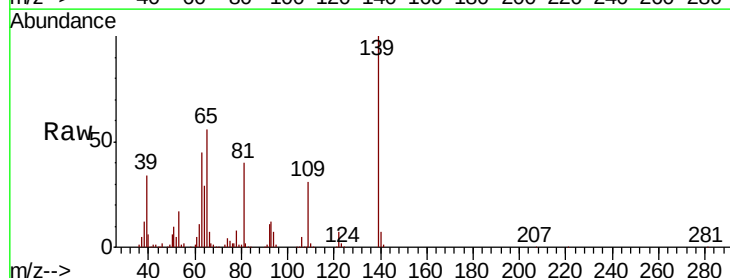
Instrument :
BNA_M
ClientSampleId :
S-1MSD

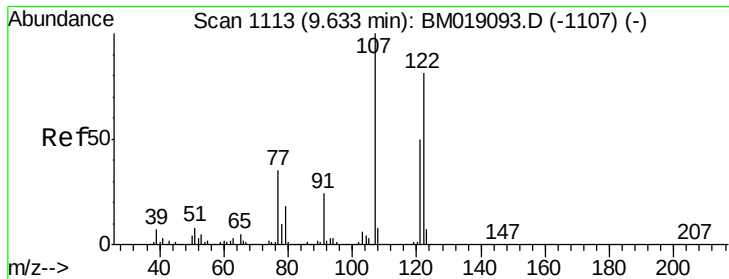
Tgt Ion: 82 Resp: 1779552
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 15.9 12.6 18.8



#26
2-Nitrophenol
Concen: 49.730 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion: 139 Resp: 433818
Ion Ratio Lower Upper
139 100
109 30.6 24.5 36.7
65 56.1 44.4 66.6

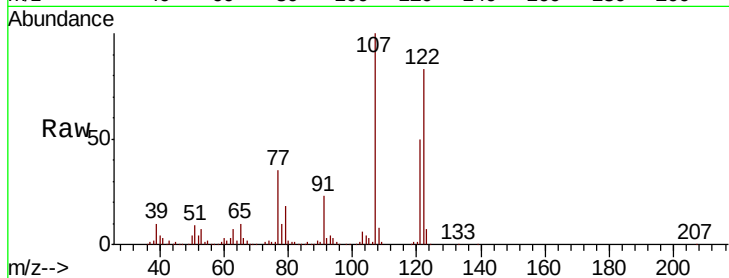




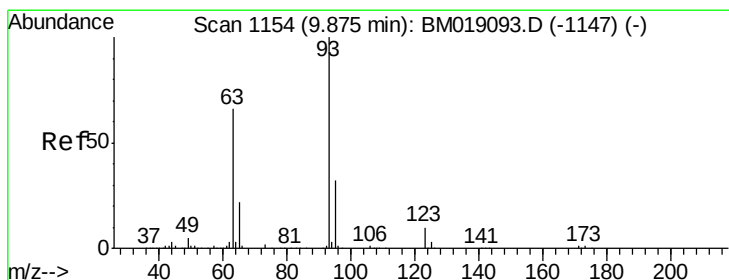
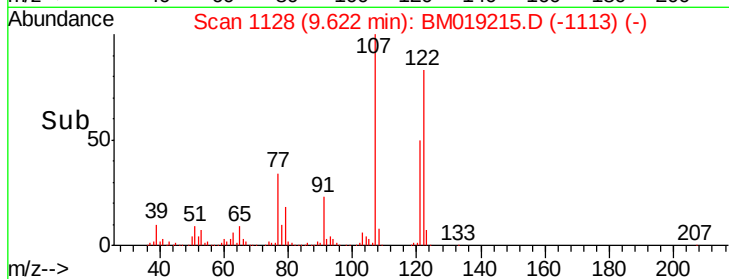
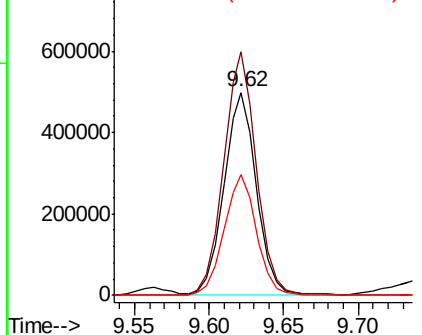
#27
 2,4-Dimethylphenol
 Concen: 57.969 ng
 RT: 9.62 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

Tgt Ion: 122 Resp: 751783
 Ion Ratio Lower Upper
 122 100
 107 120.1 98.2 147.4
 121 59.8 48.8 73.2

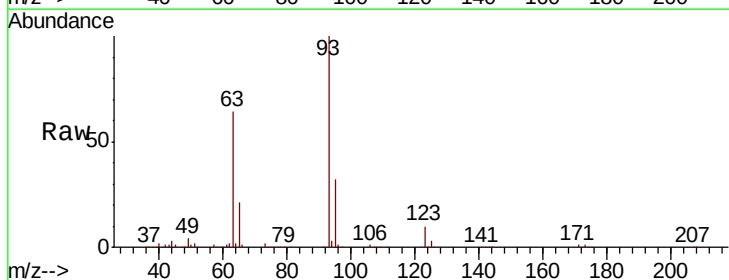


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

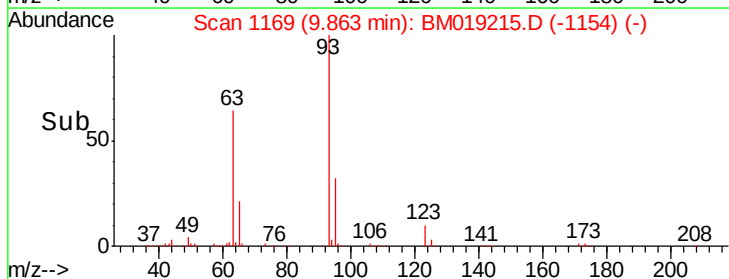
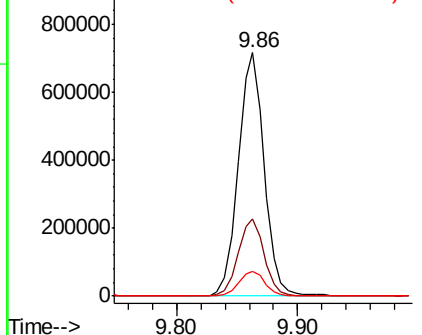


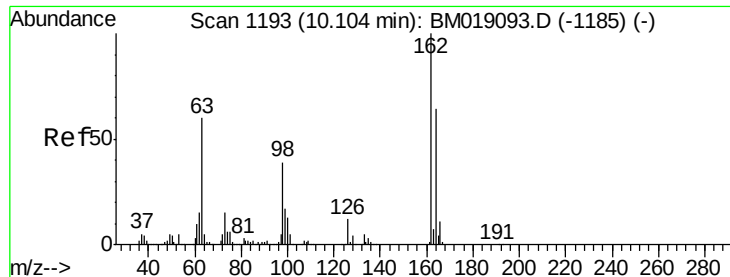
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.988 ng
 RT: 9.86 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion: 93 Resp: 1074307
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.8 38.8
 123 10.2 7.9 11.9



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

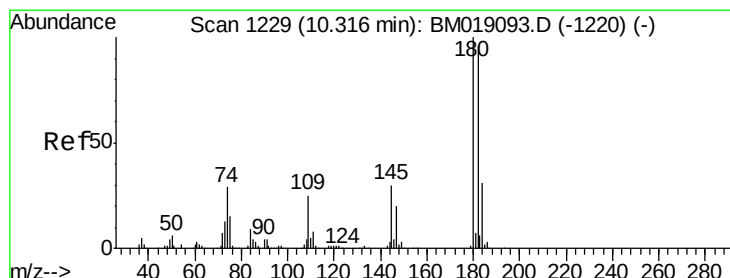
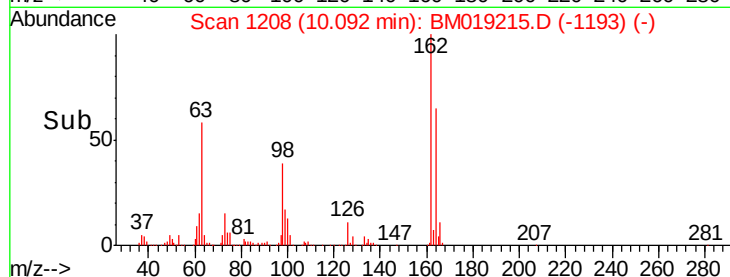
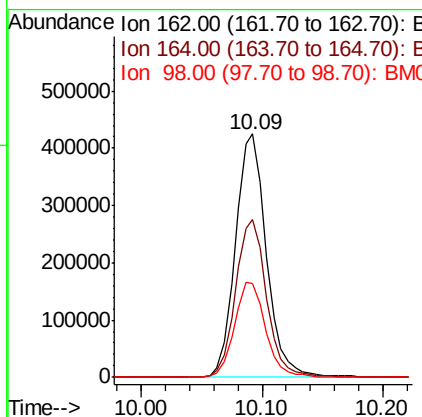
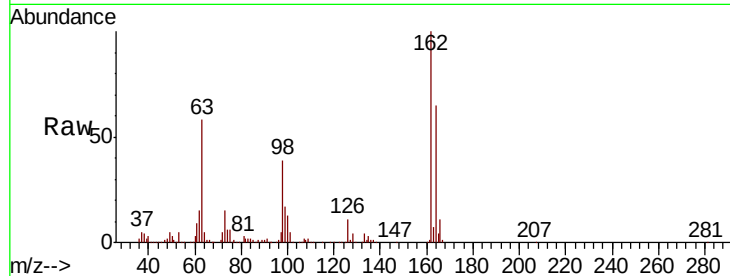




#29
2,4-Dichlorophenol
Concen: 52.870 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

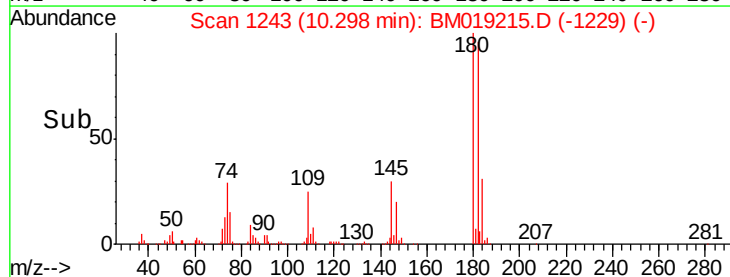
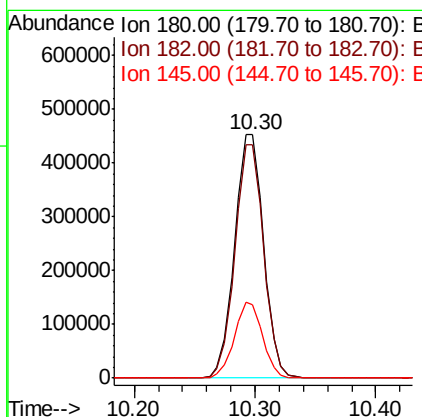
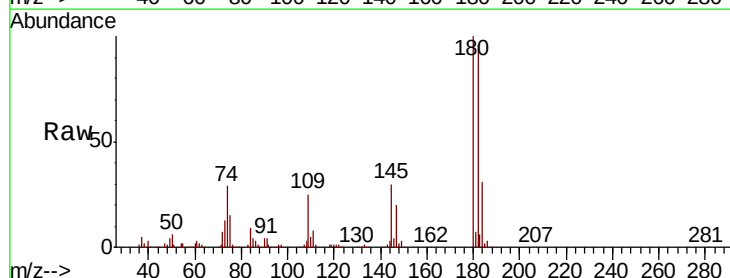
Instrument :
BNA_M
ClientSampled :
S-1MSD

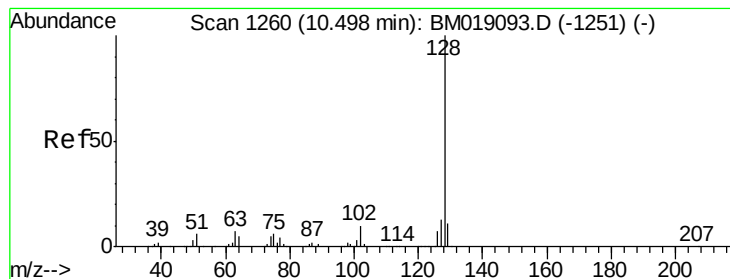
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.5	83.5
98	38.5	19.1	59.1



#30
1,2,4-Trichlorobenzene
Concen: 46.894 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.6	114.8
145	30.0	24.3	36.5





#31

Naphthalene

Concen: 46.166 ng

RT: 10.49 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

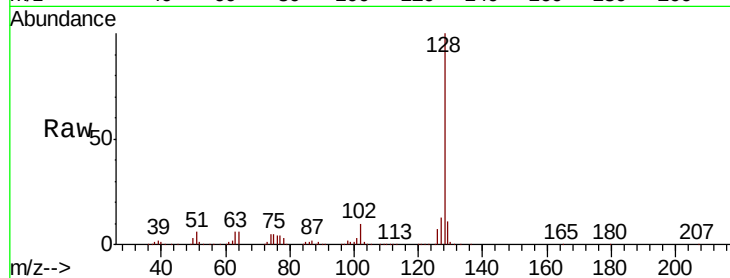
Tgt Ion:128 Resp: 2327521

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

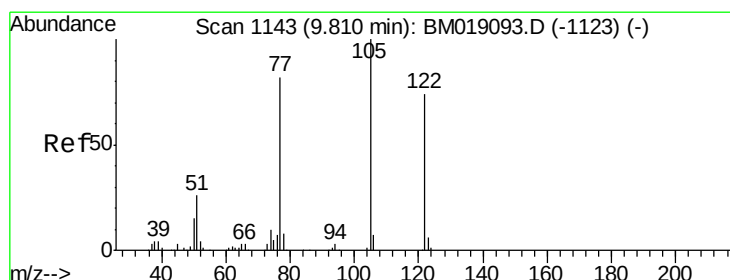
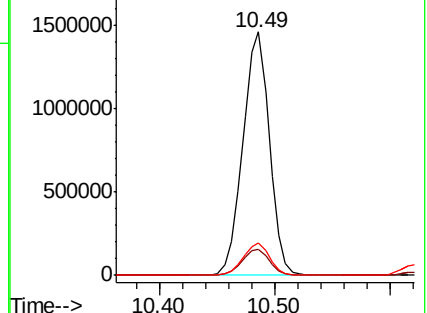
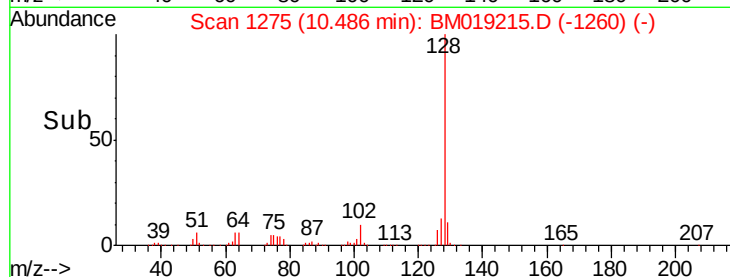
127 13.1 10.4 15.6



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: 8.317 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.06 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

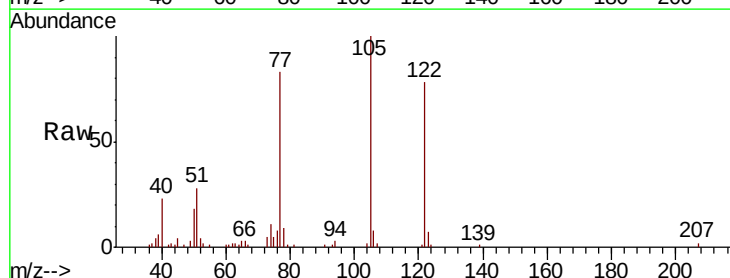
Tgt Ion:122 Resp: 91353

Ion Ratio Lower Upper

122 100

105 128.3 113.0 153.0

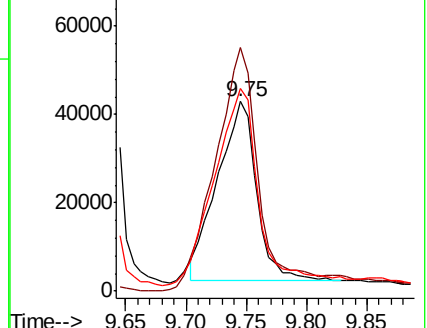
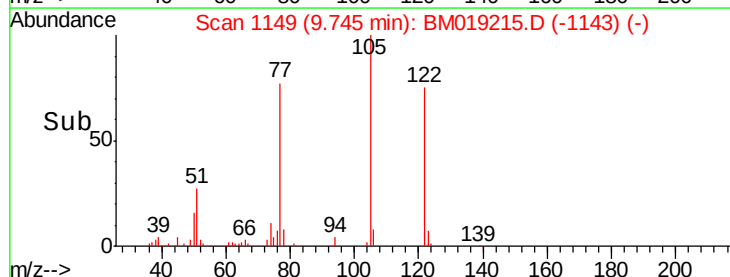
77 106.7 90.1 130.1

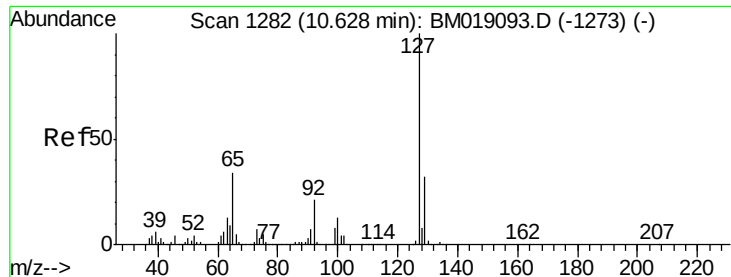


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

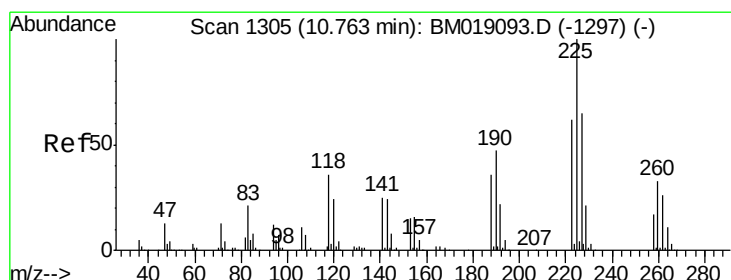
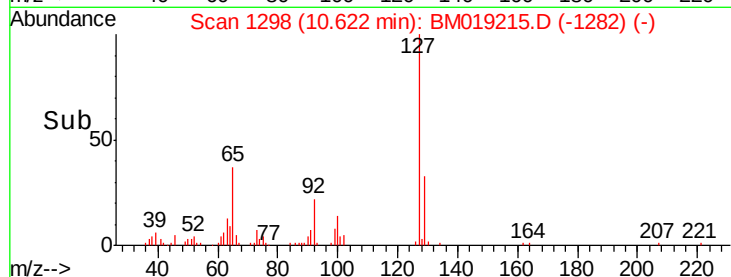
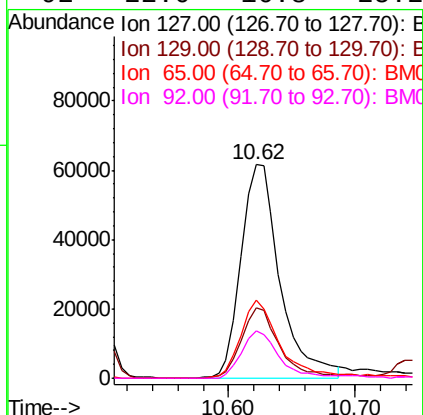
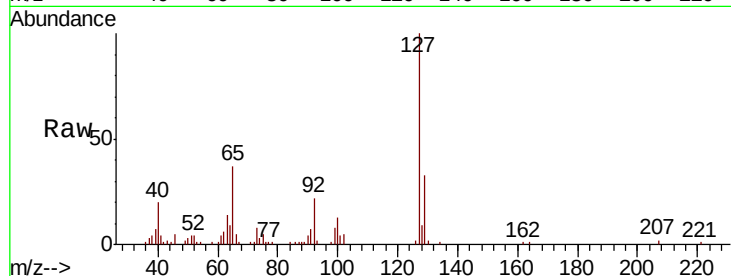




#33
4-Chloroaniline
Concen: 6.396 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

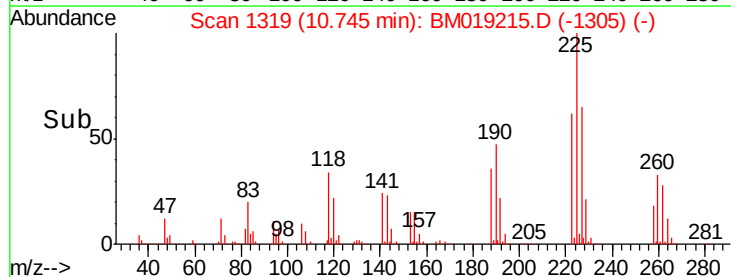
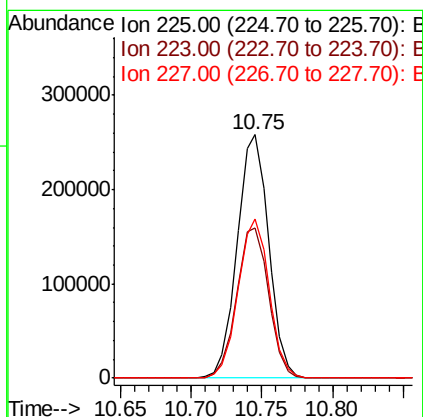
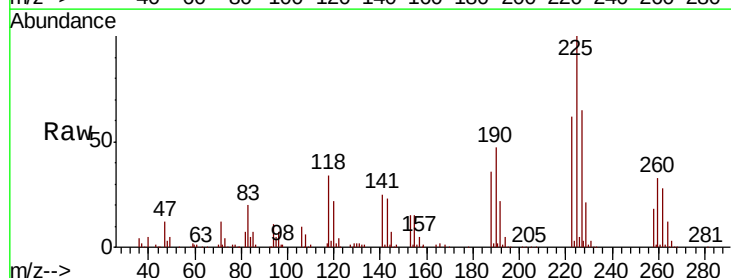
Instrument :
BNA_M
ClientSampleId :
S-1MSD

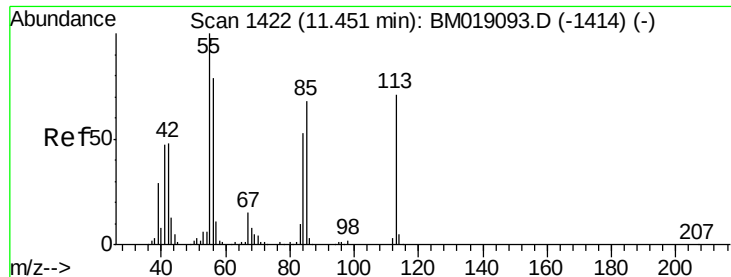
Tgt Ion:	127	Resp:	132177
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.3	37.9
65	36.7	27.4	41.2
92	22.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 43.340 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion:	225	Resp:	402808
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.4	74.0
227	65.3	51.6	77.4

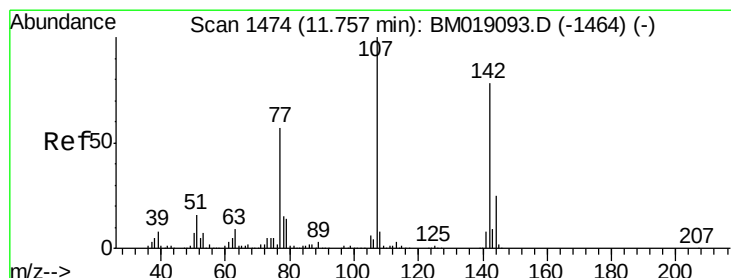
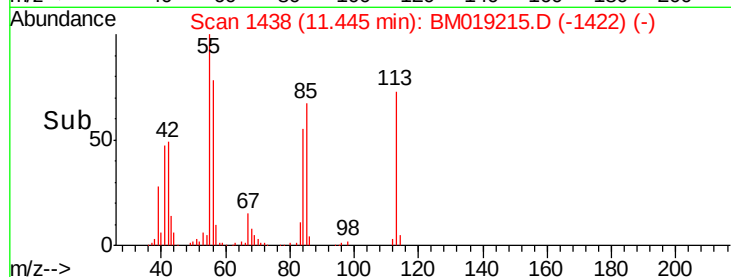
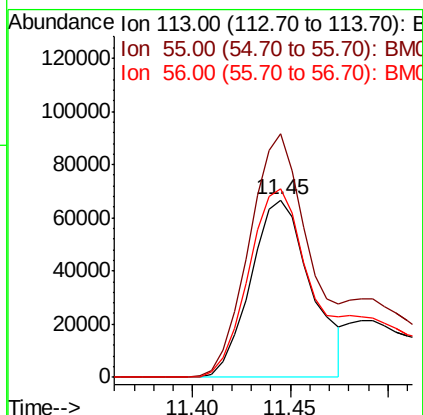
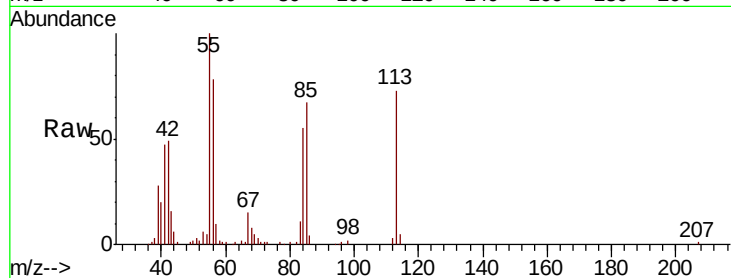




#35
 Caprolactam
 Concen: 27.839 ng
 RT: 11.45 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

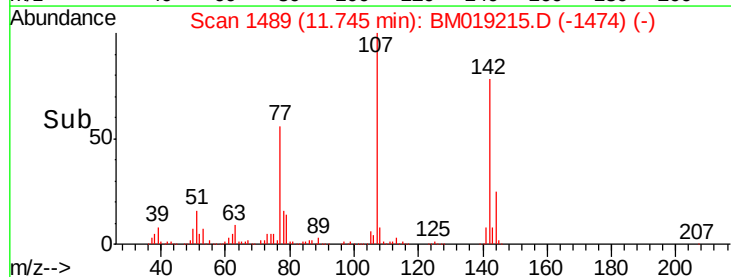
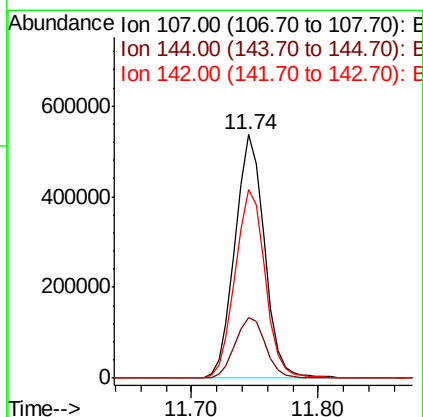
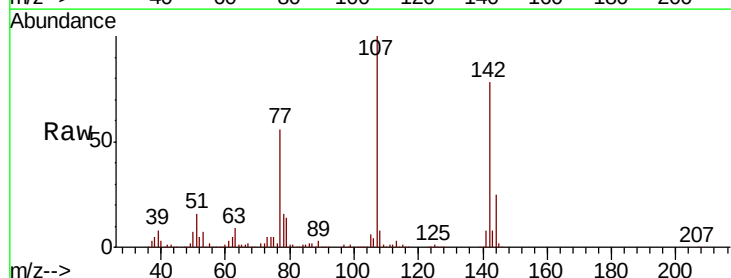
Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

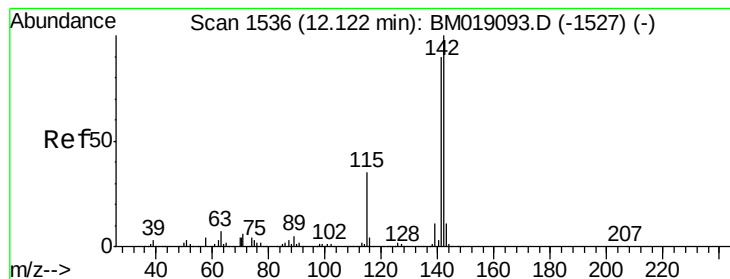
Tgt Ion: 113 Resp: 142438
 Ion Ratio Lower Upper
 113 100
 55 137.5 120.1 160.1
 56 106.7 90.1 130.1



#36
 4-Chloro-3-methylphenol
 Concen: 48.971 ng
 RT: 11.74 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion: 107 Resp: 867881
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.2 30.4
 142 77.5 62.4 93.6





#37

2-Methylnaphthalene

Concen: 47.517 ng

RT: 12.10 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

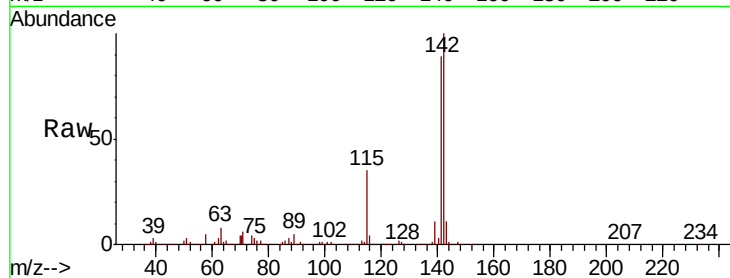
Tgt Ion:142 Resp: 1740861

Ion Ratio Lower Upper

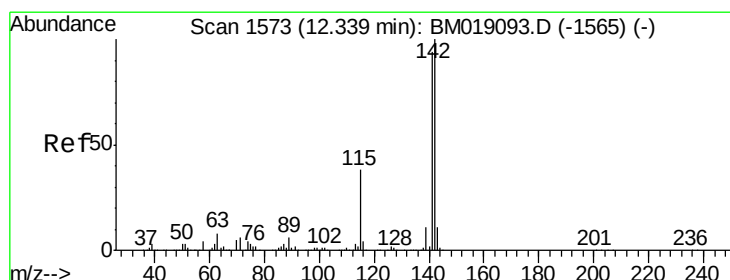
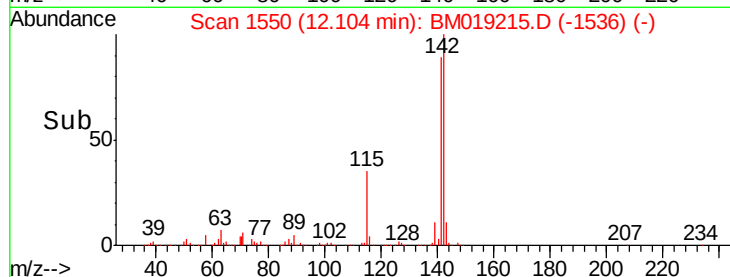
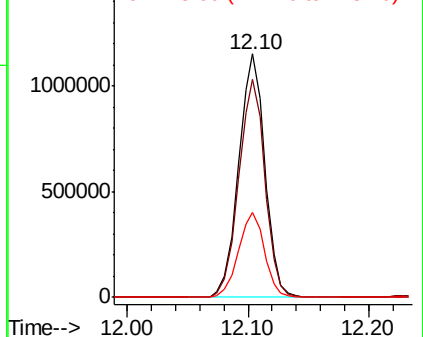
142 100

141 89.4 72.3 108.5

115 35.0 27.8 41.8



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



#38

1-Methylnaphthalene

Concen: 45.841 ng

RT: 12.33 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

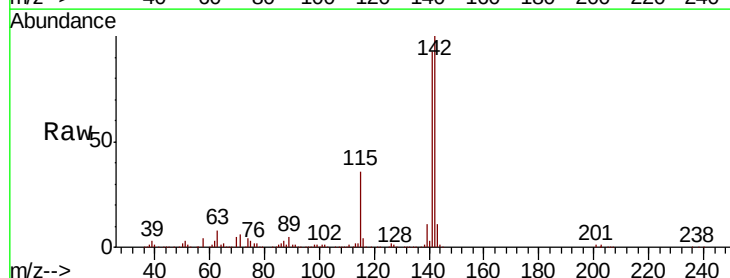
Tgt Ion:142 Resp: 1655386

Ion Ratio Lower Upper

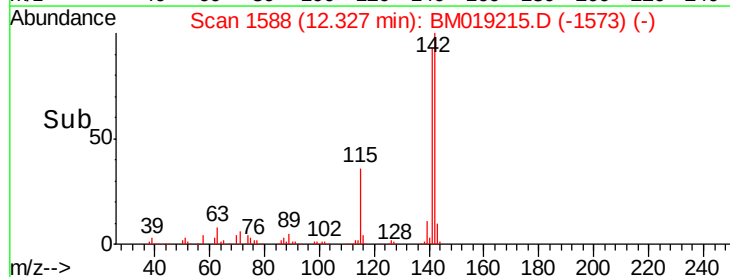
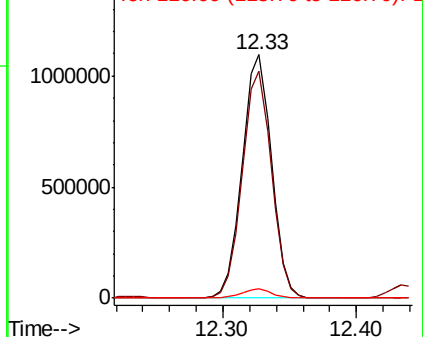
142 100

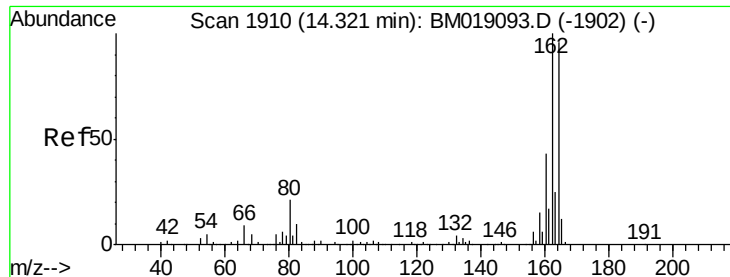
141 93.3 74.9 112.3

116 3.8 3.2 4.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampled :

S-1MSD

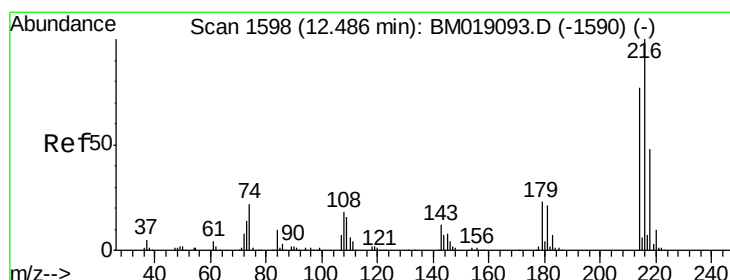
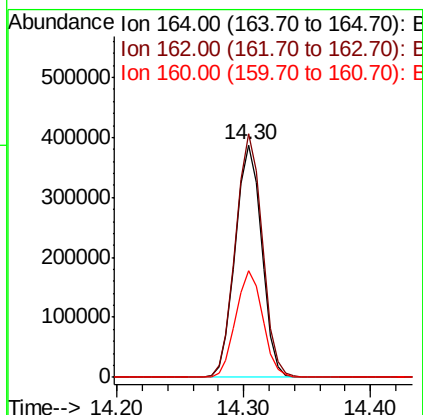
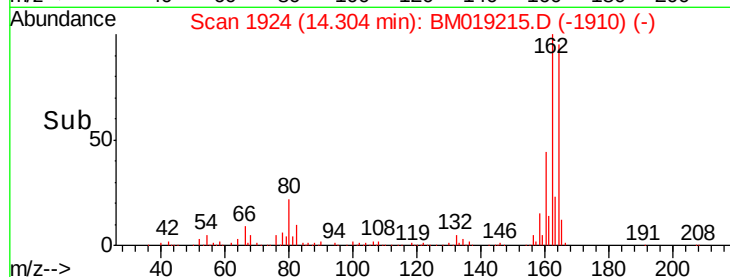
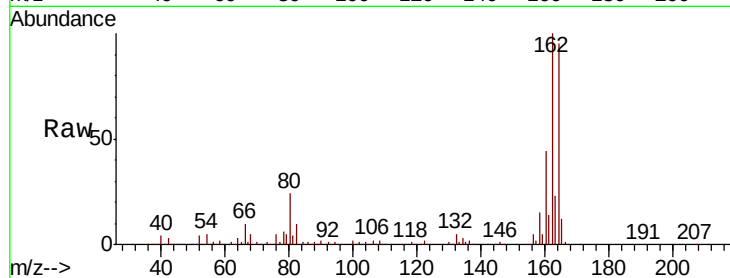
Tgt Ion:164 Resp: 557888

Ion Ratio Lower Upper

164 100

162 104.8 83.5 125.3

160 46.0 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.013 ng

RT: 12.47 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Tgt Ion:216 Resp: 829657

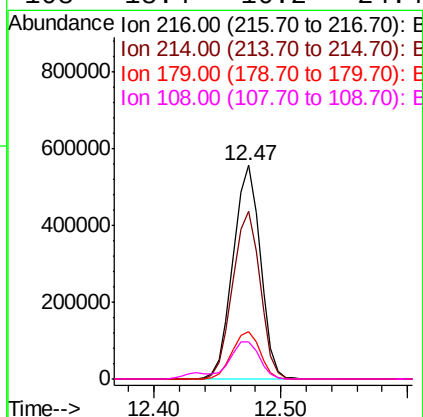
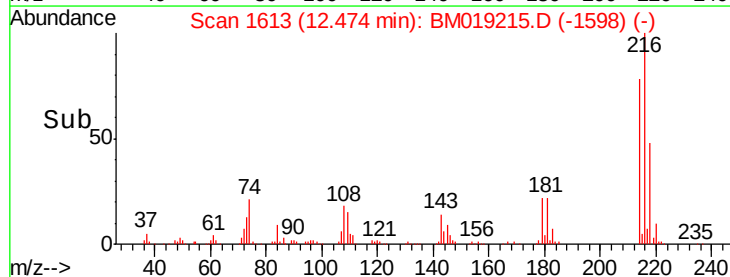
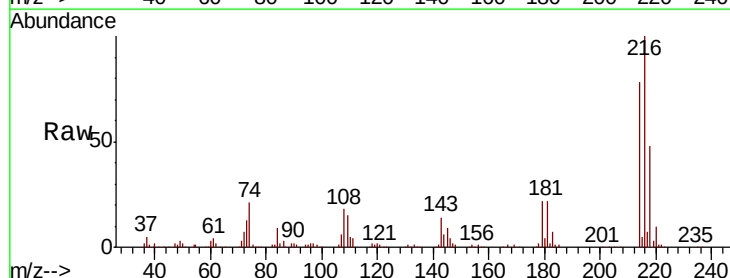
Ion Ratio Lower Upper

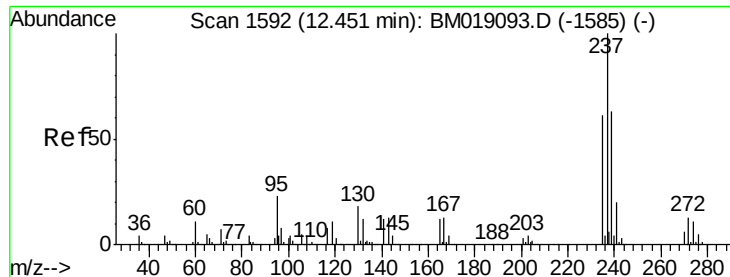
216 100

214 78.8 62.9 94.3

179 22.6 18.0 27.0

108 18.4 16.2 24.4





#41

Hexachlorocyclopentadiene

Concen: 92.048 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

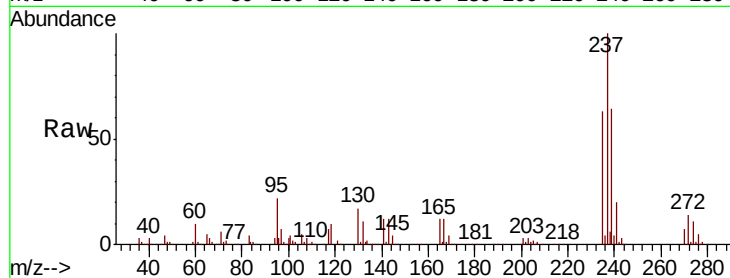
Tgt Ion:237 Resp: 735794

Ion Ratio Lower Upper

237 100

235 62.6 41.3 81.3

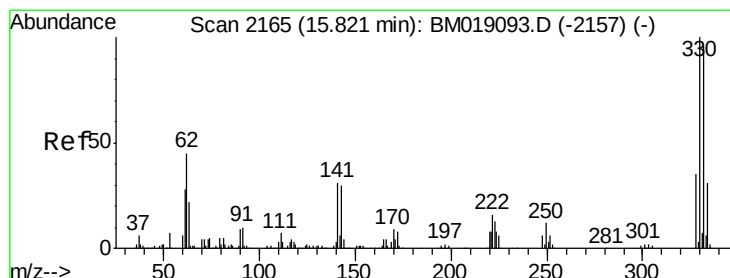
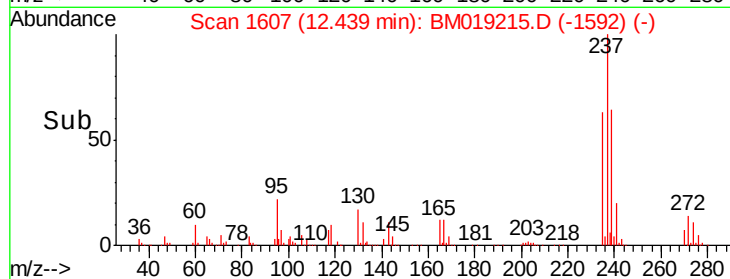
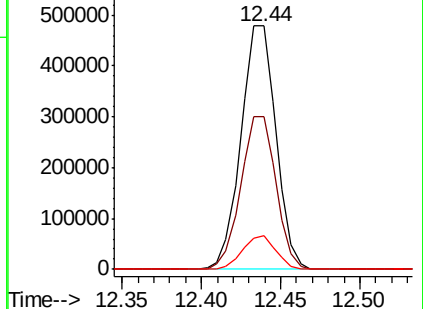
272 13.6 0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 164.772 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

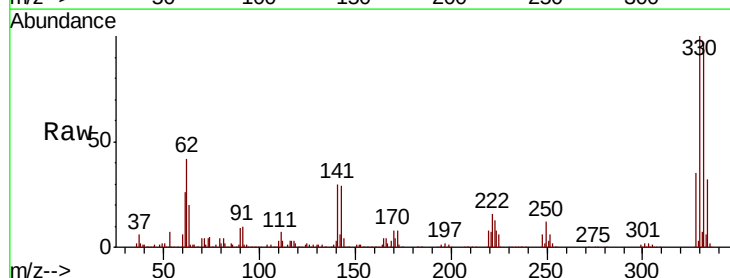
Tgt Ion:330 Resp: 1357231

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

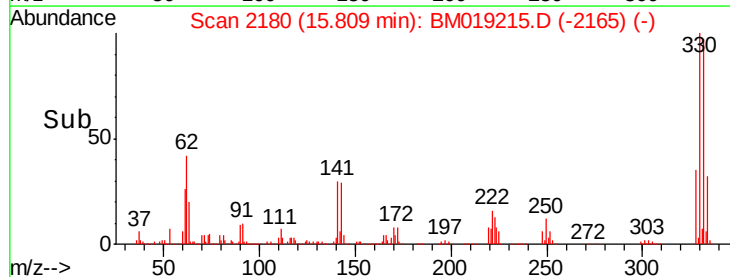
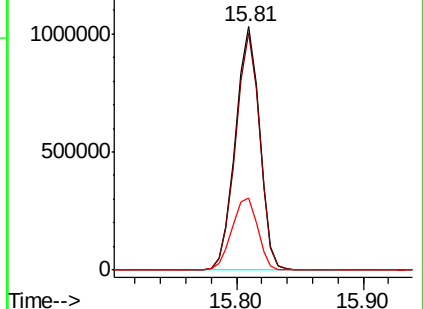
141 31.7 27.0 40.4

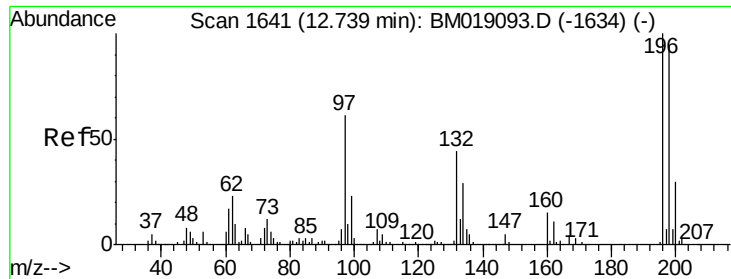


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

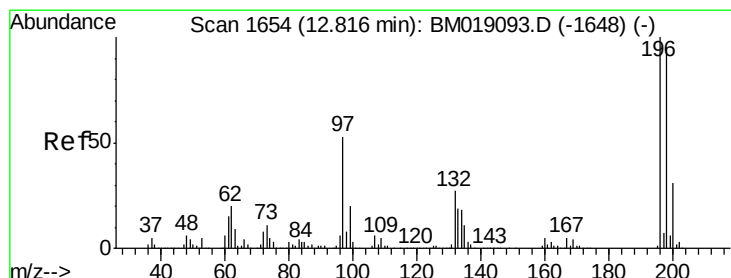
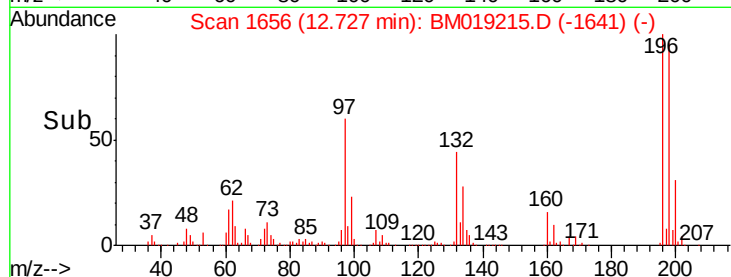
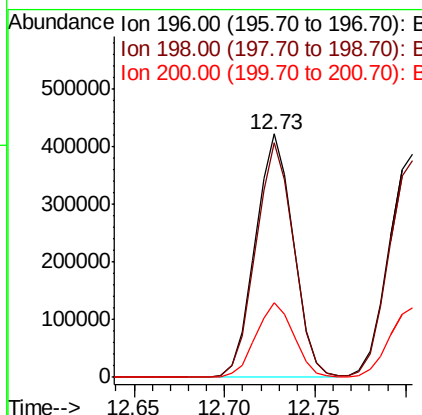
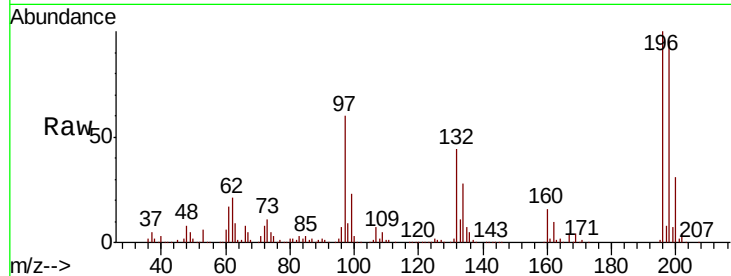




#43
 2,4,6-Trichlorophenol
 Concen: 53.954 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

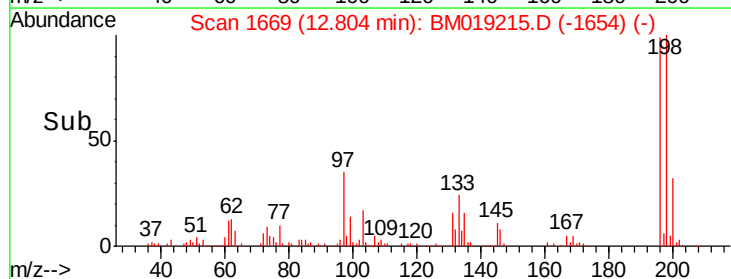
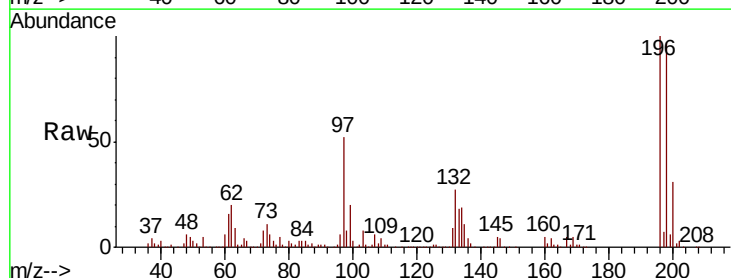
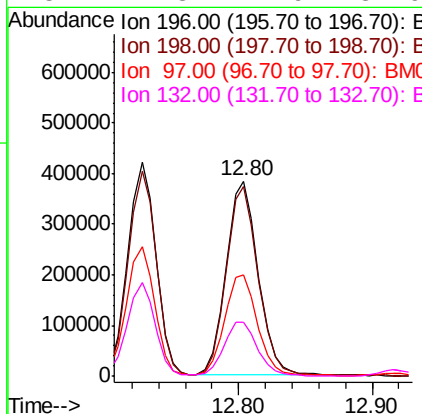
Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

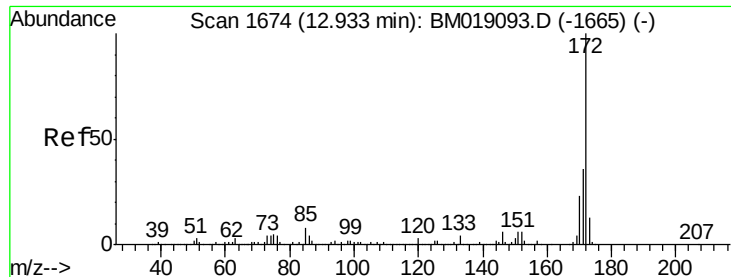
Tgt Ion:196 Resp: 615321
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.4 113.0
 200 30.9 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 52.581 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion:196 Resp: 641240
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.9 113.9
 97 52.0 42.5 63.7
 132 27.3 21.9 32.9

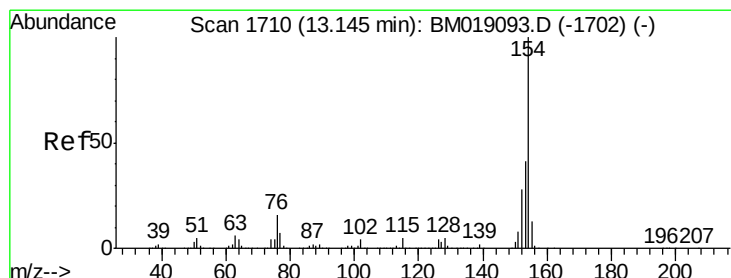
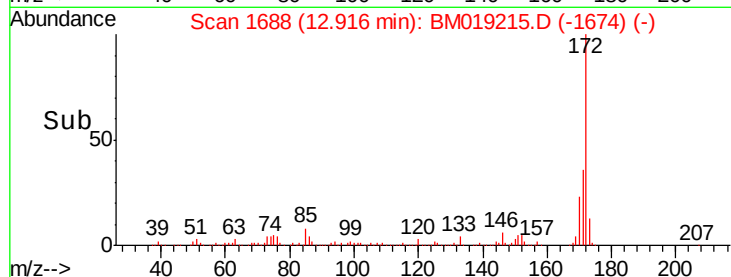
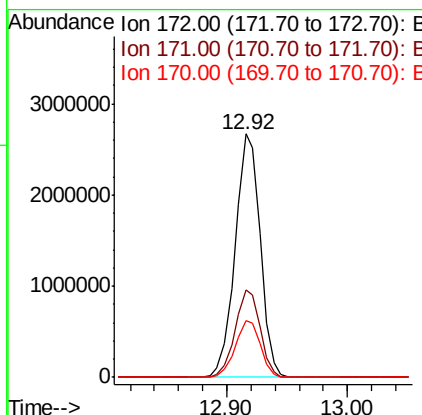
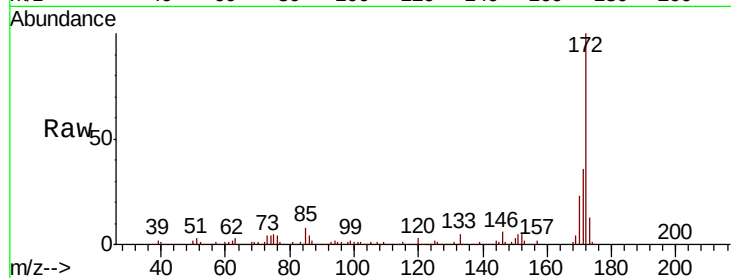




#45
 2-Fluorobiphenyl
 Concen: 89.937 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

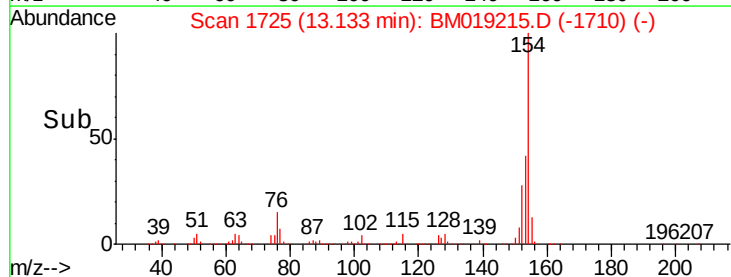
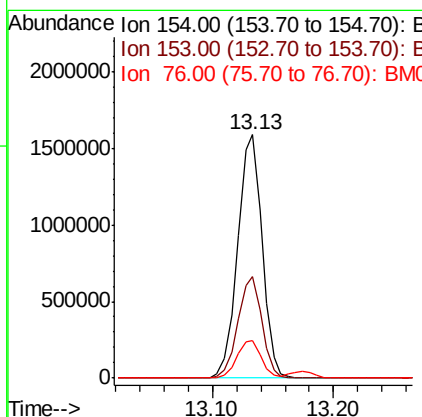
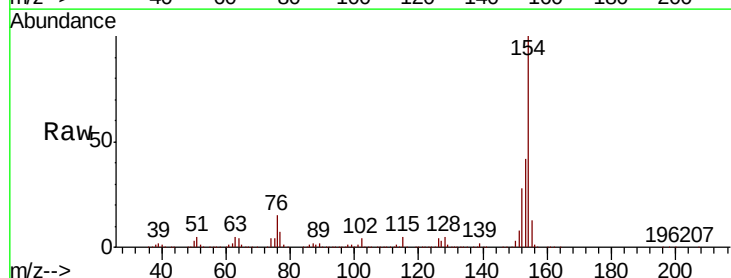
Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

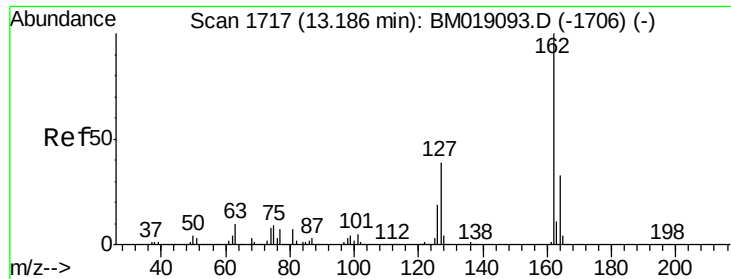
Tgt Ion:172 Resp: 3857331
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 23.4 18.6 28.0



#46
 1,1'-Biphenyl
 Concen: 46.021 ng
 RT: 13.13 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion:154 Resp: 2242200
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.5 61.5
 76 15.3 0.0 35.8

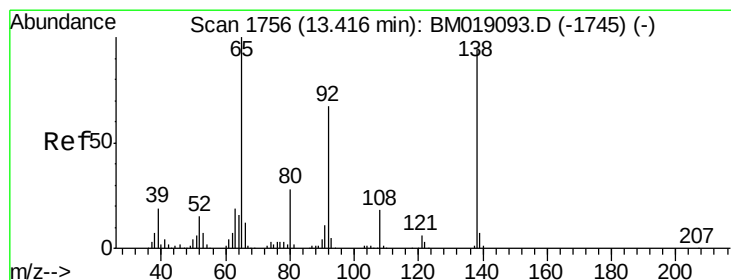
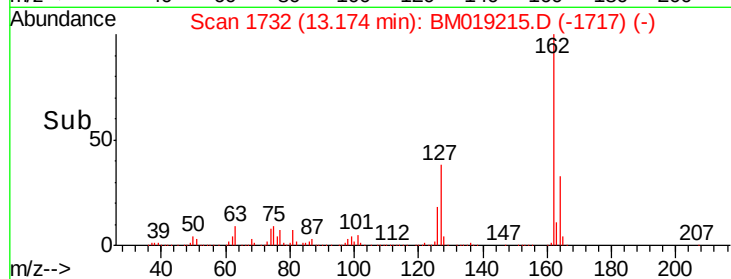
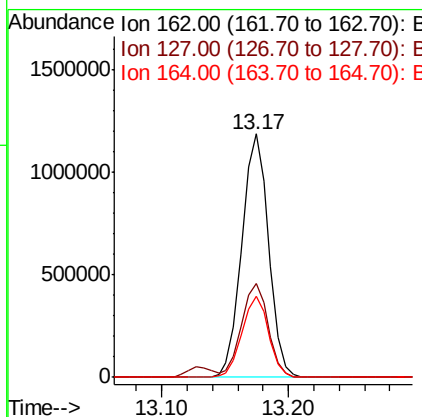
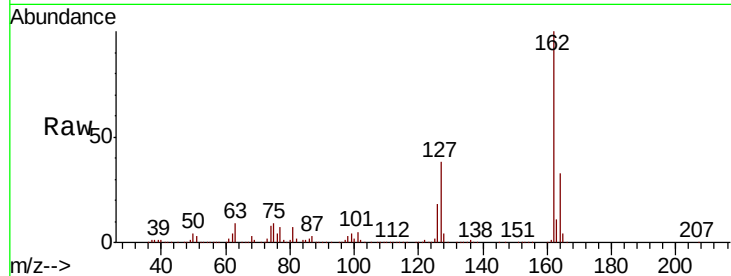




#47
 2-Chloronaphthalene
 Concen: 47.841 ng
 RT: 13.17 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

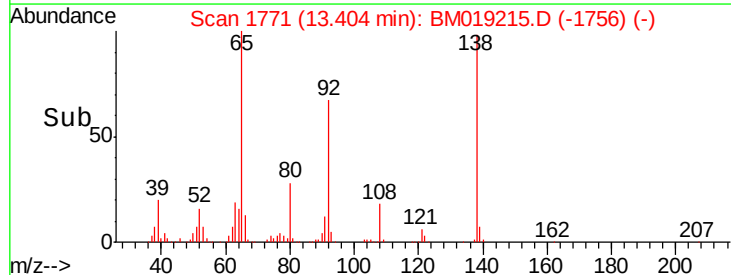
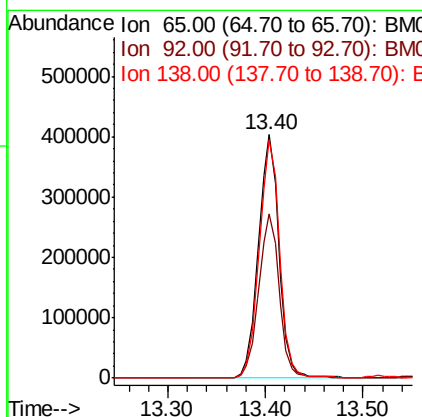
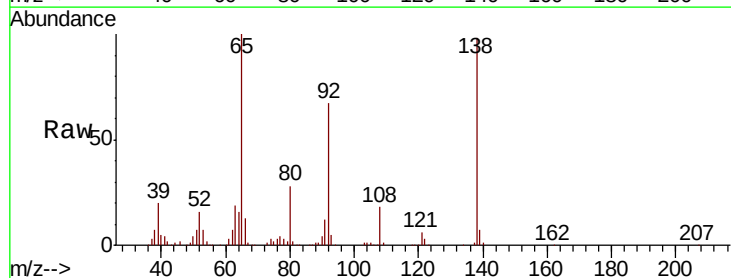
Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

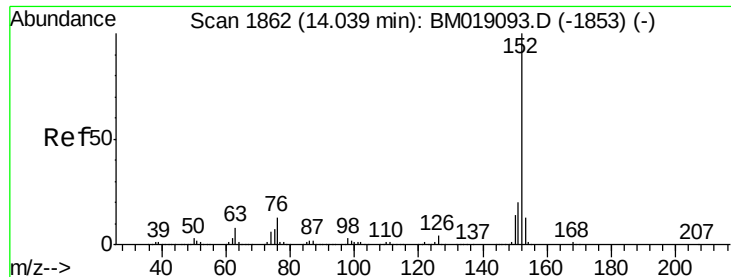
Tgt Ion: 162 Resp: 1739836
 Ion Ratio Lower Upper
 162 100
 127 38.4 31.2 46.8
 164 33.2 26.3 39.5



#48
 2-Nitroaniline
 Concen: 48.706 ng
 RT: 13.40 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion: 65 Resp: 594039
 Ion Ratio Lower Upper
 65 100
 92 67.2 53.4 80.2
 138 97.9 74.9 112.3





#49

Acenaphthylene

Concen: 45.877 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

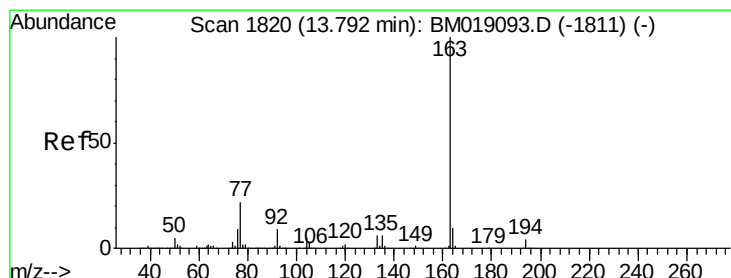
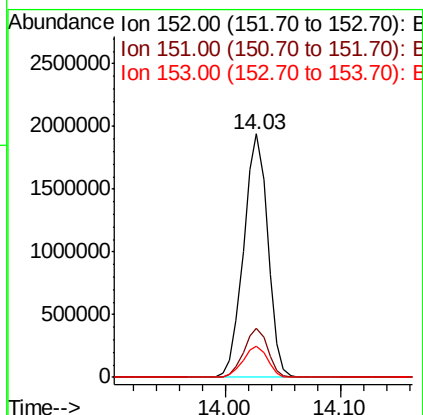
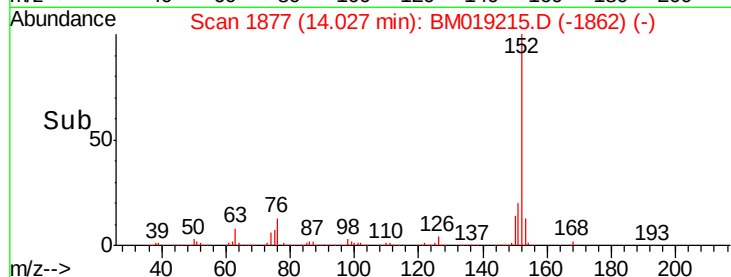
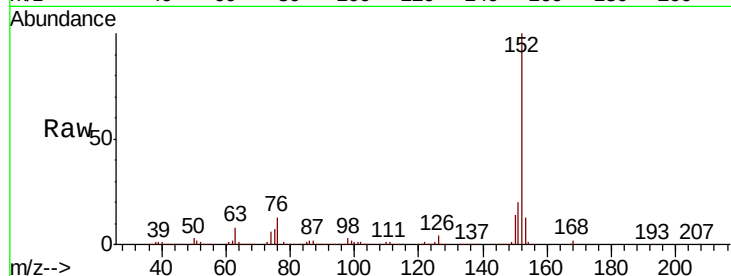
Tgt Ion:152 Resp: 2821047

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 51.416 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

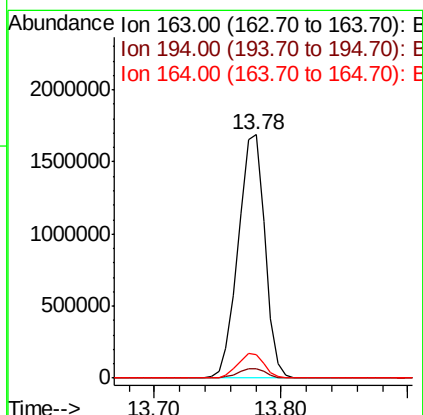
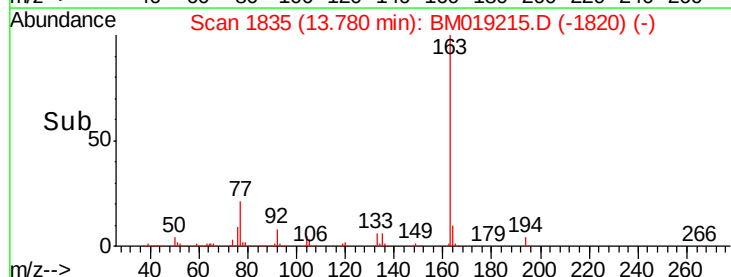
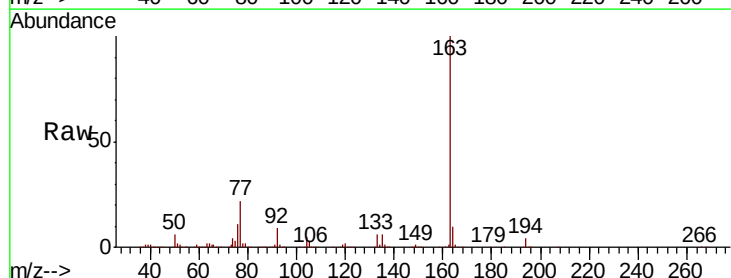
Tgt Ion:163 Resp: 2453799

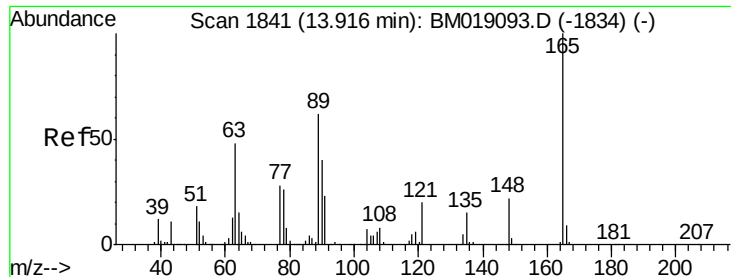
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.8 7.7 11.5

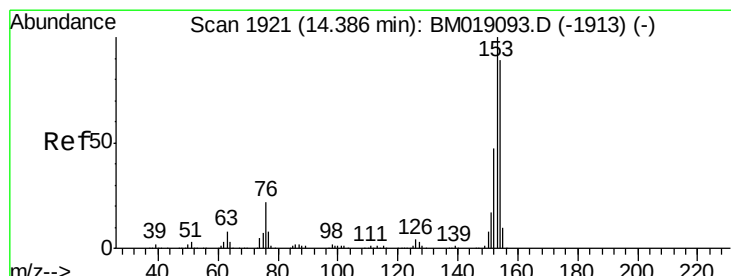
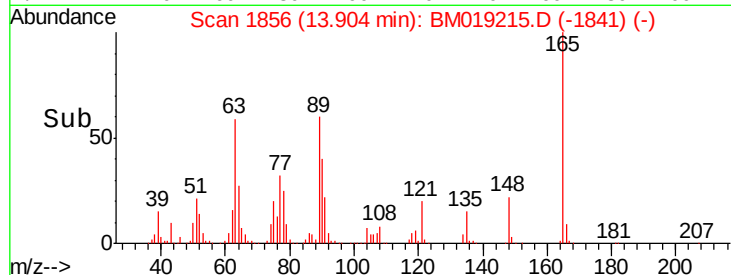
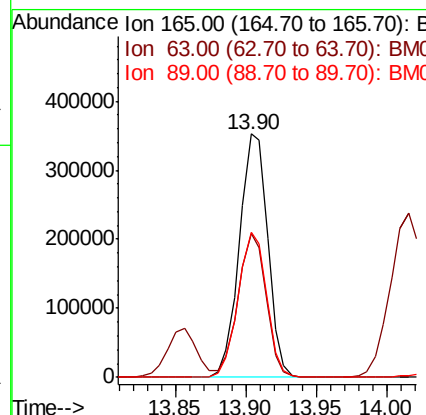
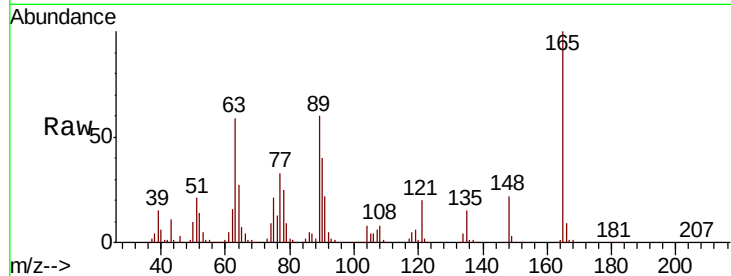




#51
2,6-Dinitrotoluene
Concen: 48.029 ng
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

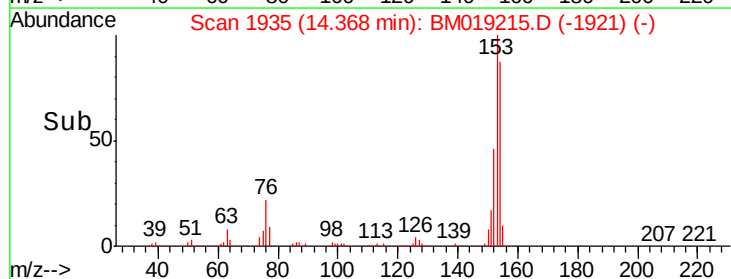
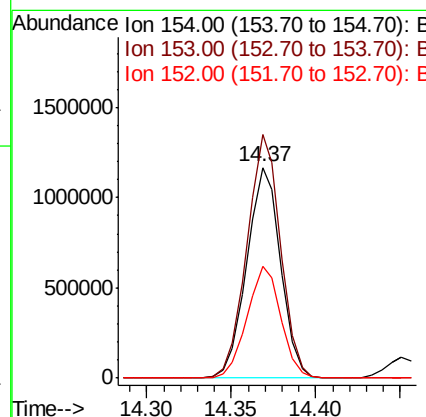
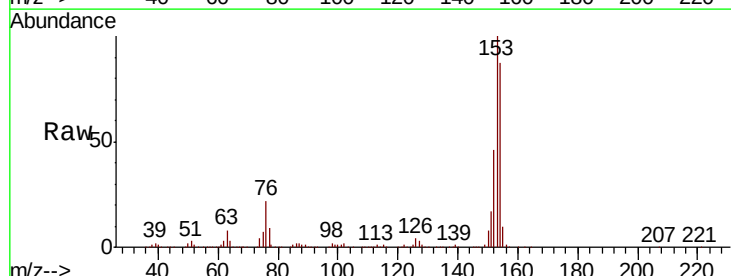
Instrument :
BNA_M
ClientSampleId :
S-1MSD

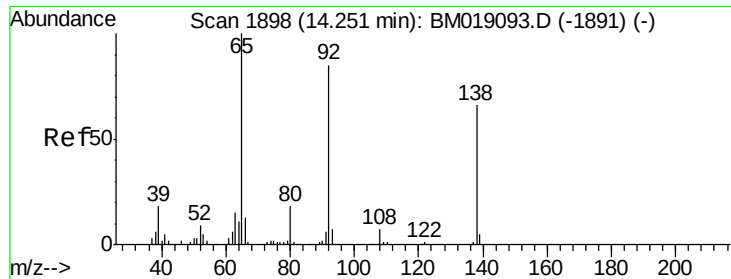
Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.2	48.2	72.4
89	59.8	49.3	73.9



#52
Acenaphthene
Concen: 46.079 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.5	90.1	135.1
152	53.2	42.5	63.7

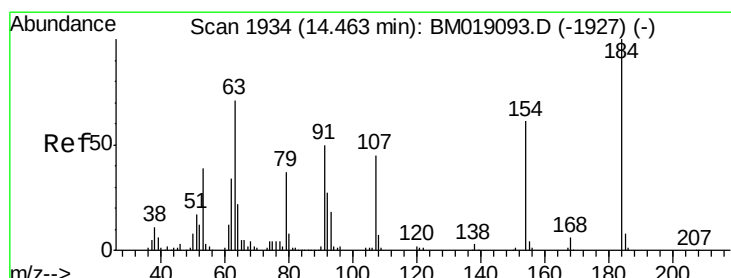
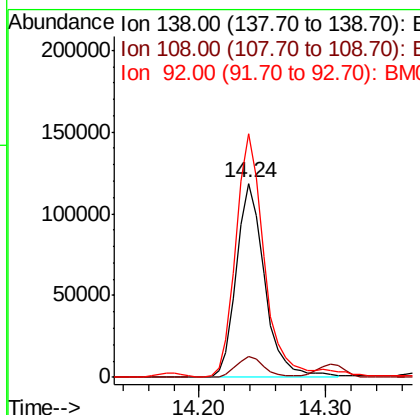
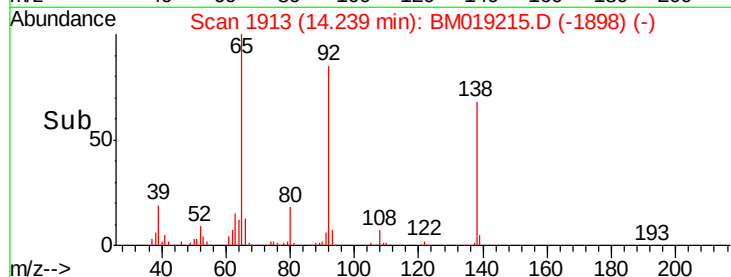
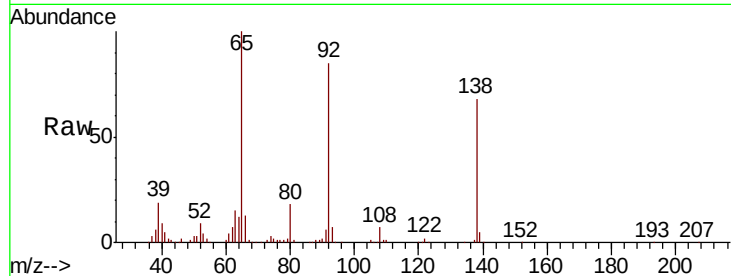




#53
3-Nitroaniline
Concen: 16.845 ng
RT: 14.24 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

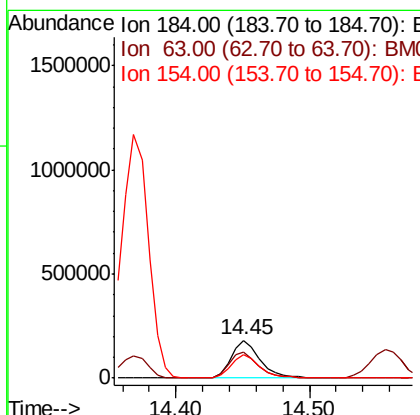
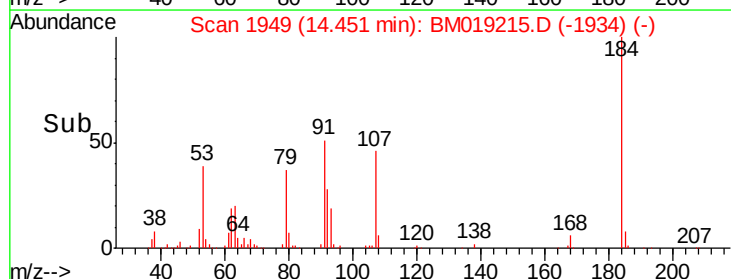
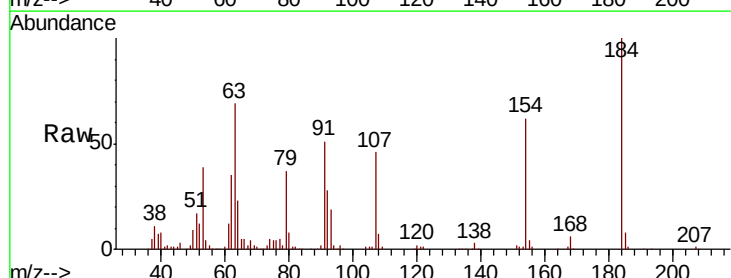
Instrument :
BNA_M
ClientSampleId :
S-1MSD

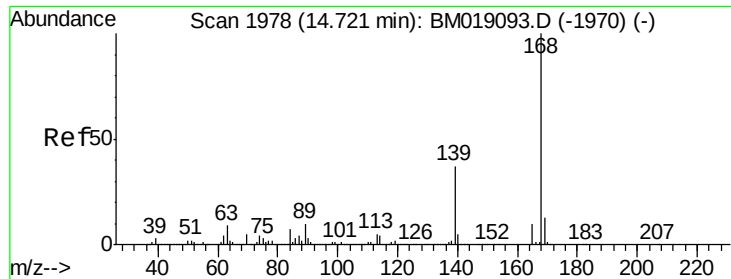
Tgt Ion:138 Resp: 184064
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 125.7 102.6 153.8



#54
2,4-Dinitrophenol
Concen: 46.025 ng
RT: 14.45 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion:184 Resp: 275751
Ion Ratio Lower Upper
184 100
63 69.3 56.7 85.1
154 62.3 49.3 73.9

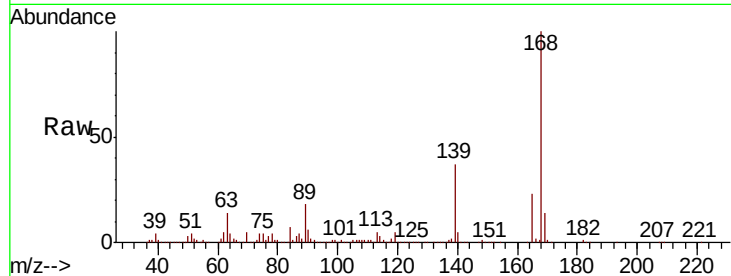




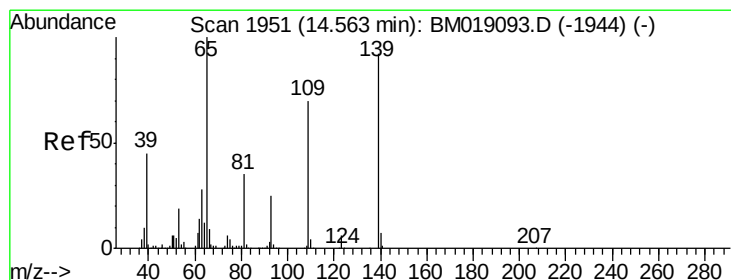
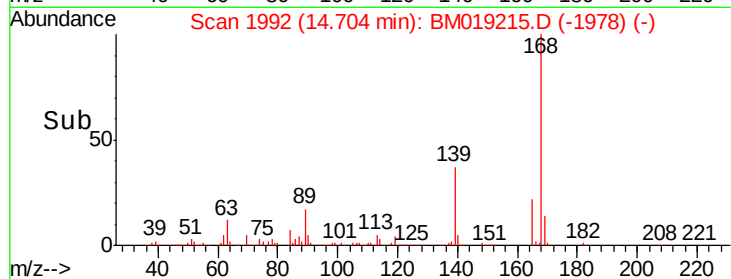
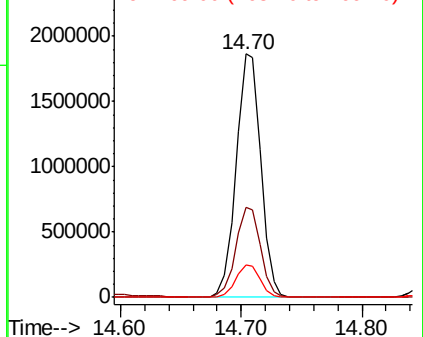
#55
Dibenzenofuran
Concen: 46.517 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleID :
S-1MSD

Tgt Ion:168 Resp: 2650625
Ion Ratio Lower Upper
168 100
139 37.1 30.1 45.1
169 13.6 10.6 16.0

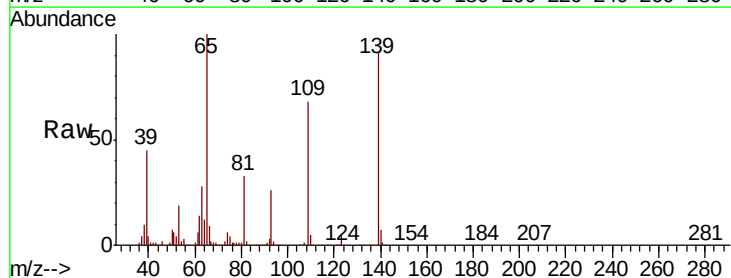


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

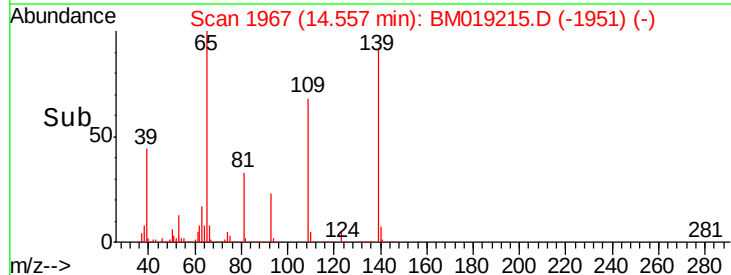
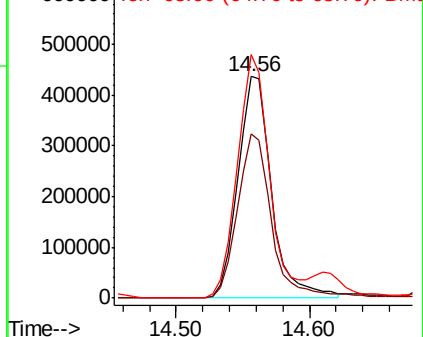


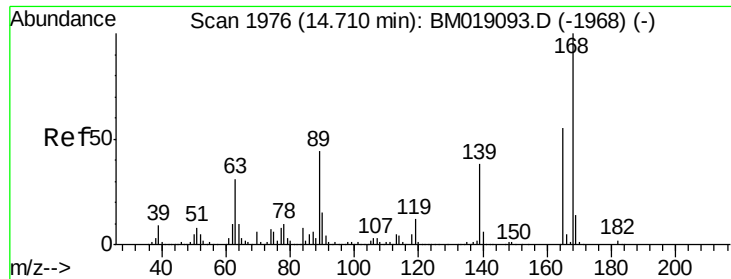
#56
4-Nitrophenol
Concen: 85.549 ng
RT: 14.56 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion:139 Resp: 763205
Ion Ratio Lower Upper
139 100
109 74.1 56.3 96.3
65 109.8 89.2 129.2



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): BM

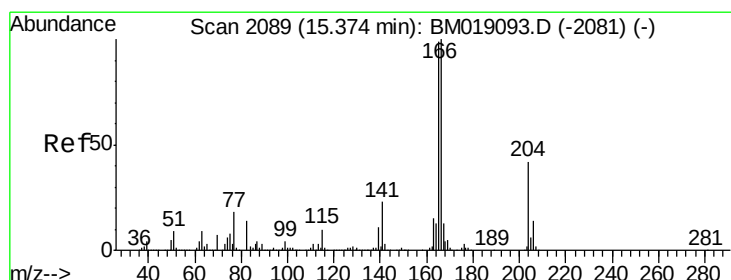
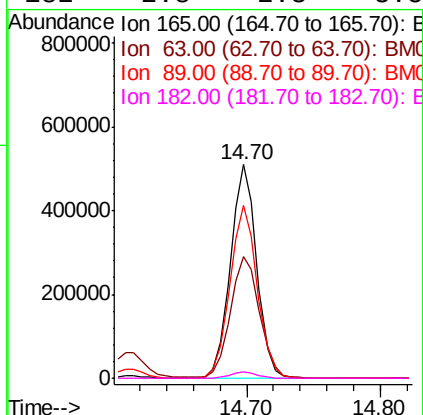
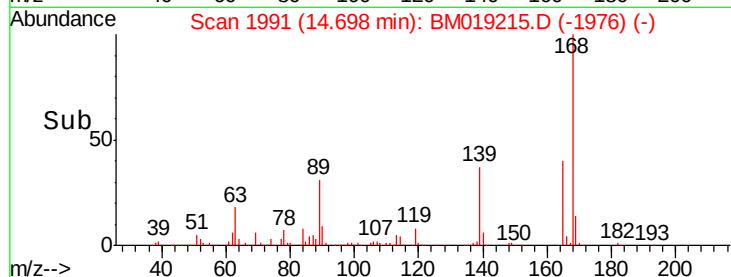
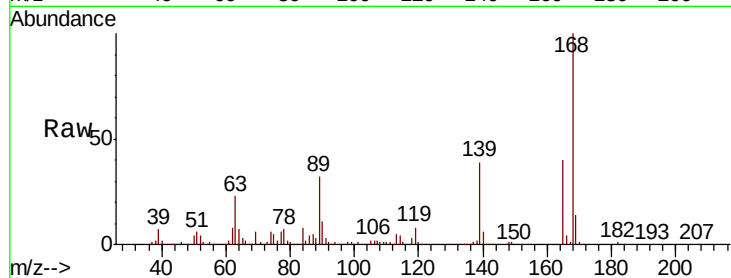




#57
2,4-Dinitrotoluene
Concen: 46.691 ng
RT: 14.70 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

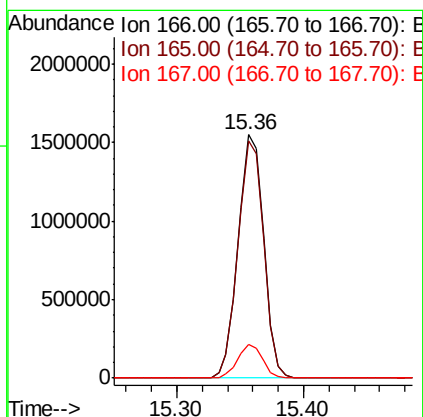
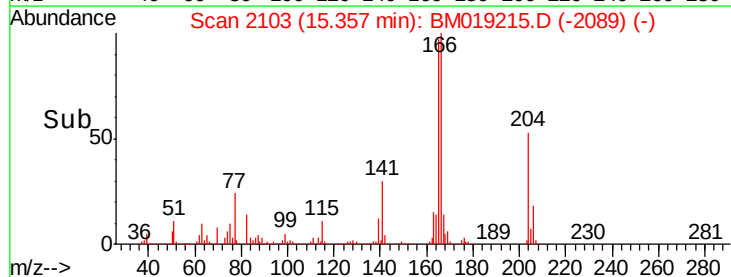
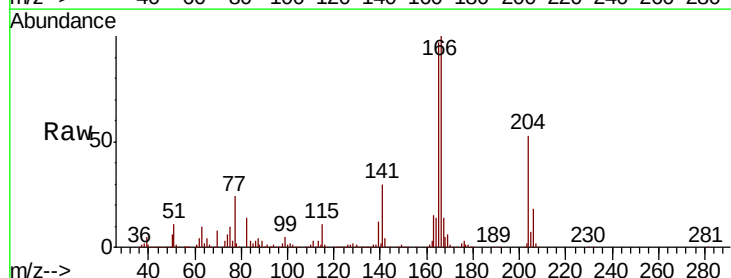
Instrument :
BNA_M
ClientSampleId :
S-1MSD

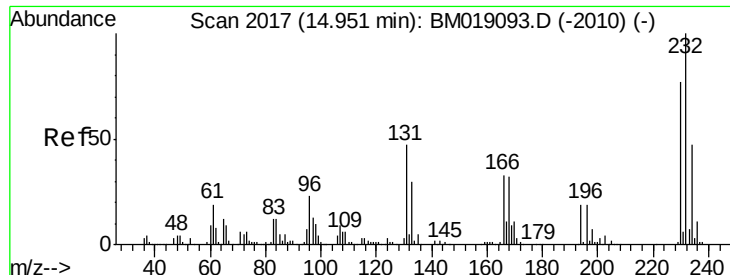
Tgt Ion:	165	Resp:	699223
Ion	Ratio	Lower	Upper
165	100		
63	56.8	44.7	67.1
89	80.8	63.4	95.2
182	2.8	2.3	3.5



#58
Fluorene
Concen: 46.011 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion:	166	Resp:	2161066
Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.0	118.4
167	13.7	10.8	16.2

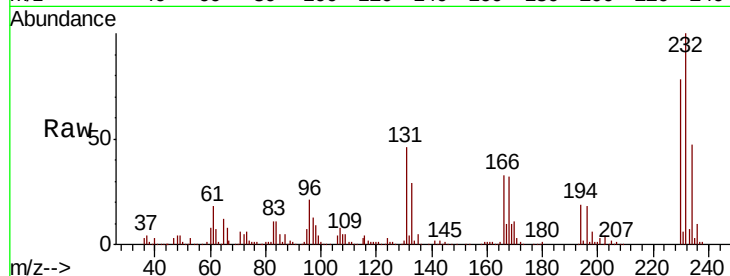




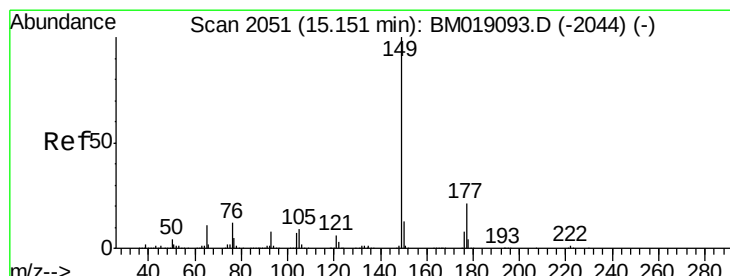
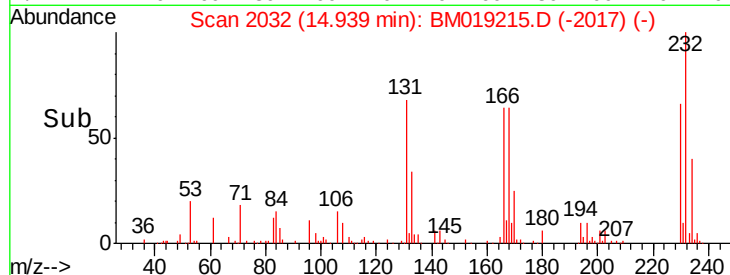
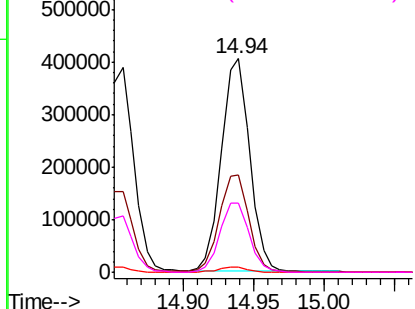
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.021 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

Tgt Ion:	232	Resp:	567896
Ion	Ratio	Lower	Upper
232	100		
131	47.1	38.2	57.2
130	2.4	1.9	2.9
166	34.0	27.0	40.4

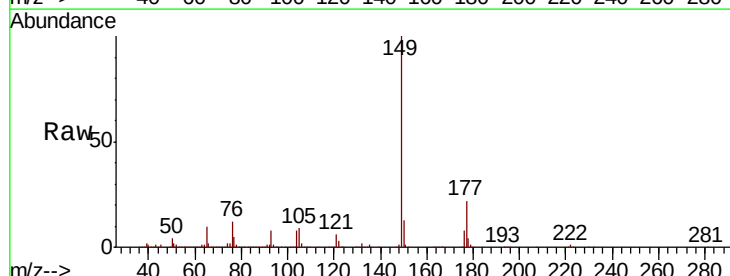


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

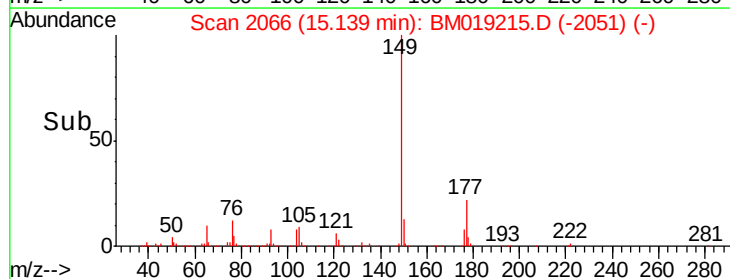
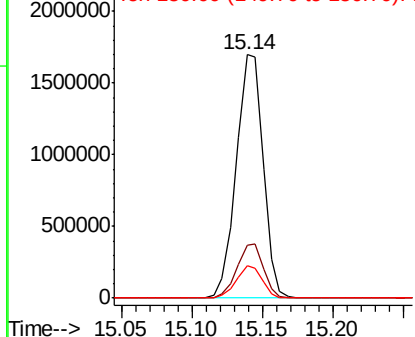


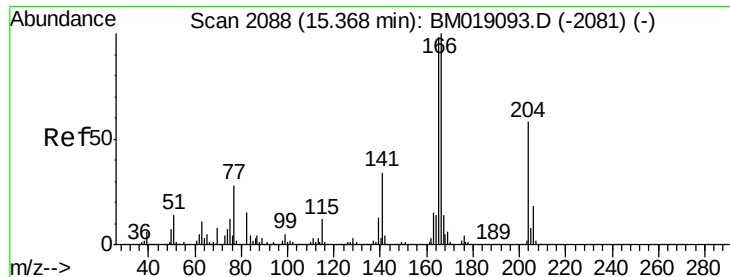
#60
 Diethylphthalate
 Concen: 46.579 ng
 RT: 15.14 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion:	149	Resp:	2251390
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.0	25.6
150	13.1	10.2	15.4



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

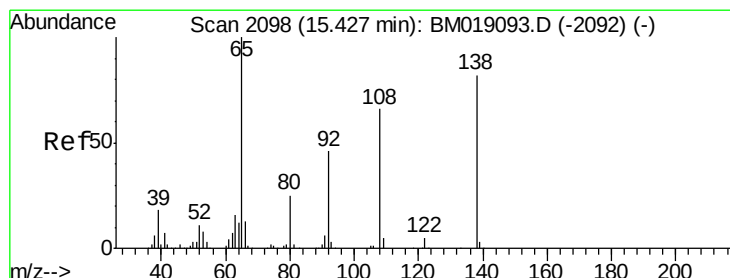
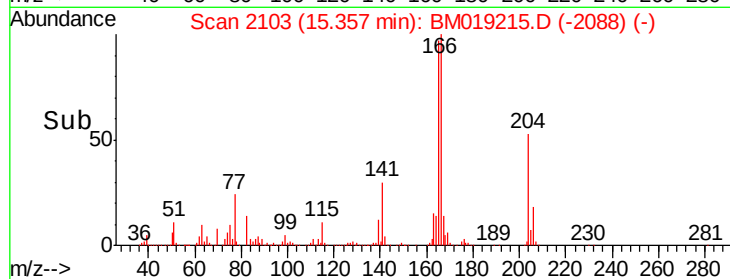
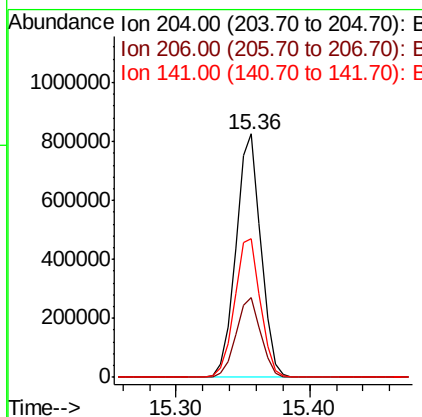
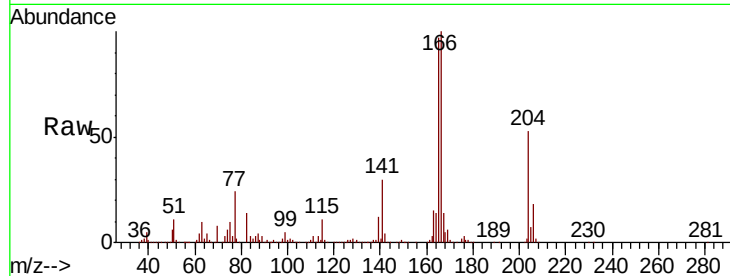




#61
4-Chlorophenyl-phenylether
Concen: 46.722 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

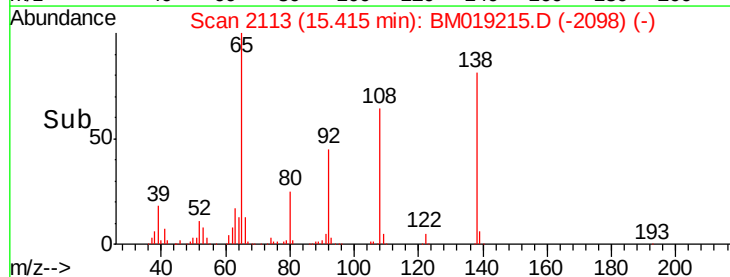
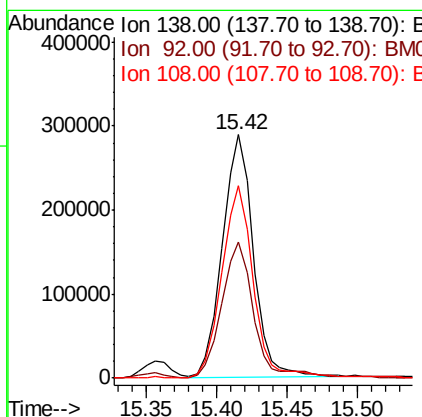
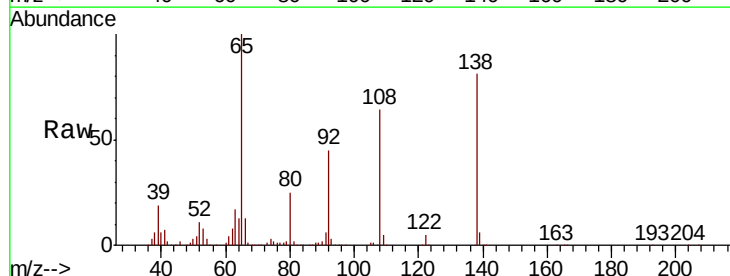
Instrument :
BNA_M
ClientSampleId :
S-1MSD

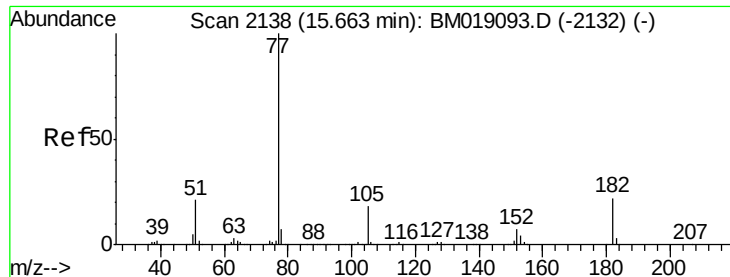
Tgt Ion:204 Resp: 1065831
Ion Ratio Lower Upper
204 100
206 32.9 25.5 38.3
141 56.8 47.8 71.8



#62
4-Nitroaniline
Concen: 39.881 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion:138 Resp: 439159
Ion Ratio Lower Upper
138 100
92 55.9 36.2 76.2
108 78.8 59.7 99.7

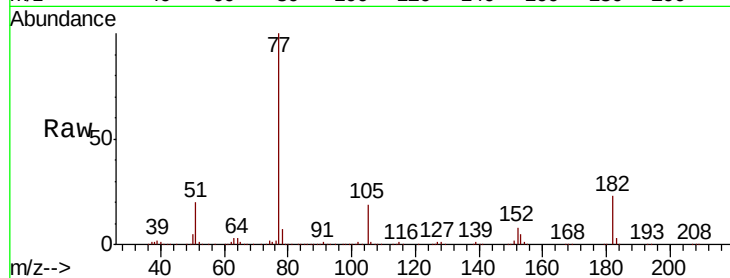




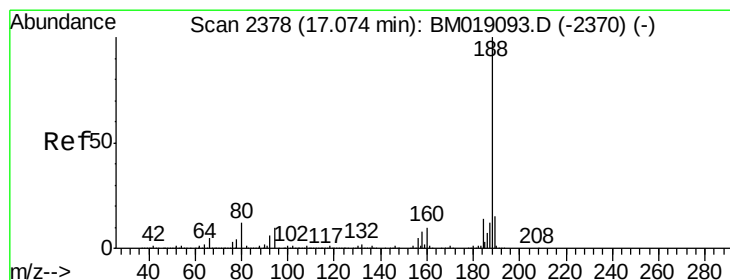
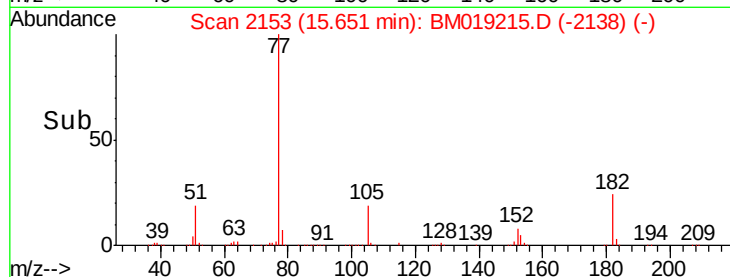
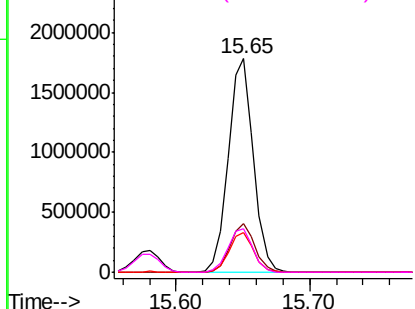
#63
Azobenzene
Concen: 45.924 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Tgt Ion: 77 Resp: 2335795
Ion Ratio Lower Upper
77 100
182 23.1 1.8 41.8
105 18.6 0.0 38.3
51 20.4 0.8 40.8

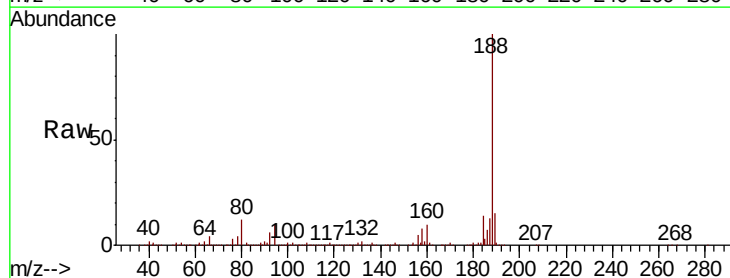


Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-2132) (-)
Ion 182.00 (181.70 to 182.70): BM019093.D (-2132) (-)
Ion 105.00 (104.70 to 105.70): BM019093.D (-2132) (-)
Ion 51.00 (50.70 to 51.70): BM019093.D (-2132) (-)

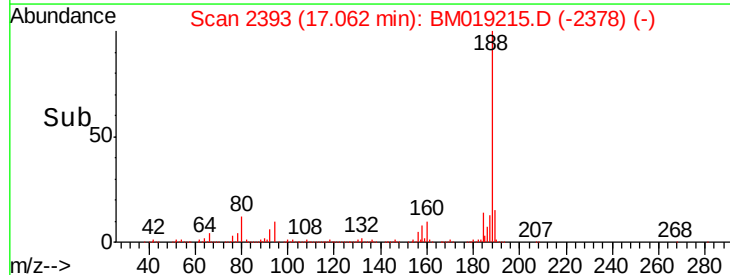
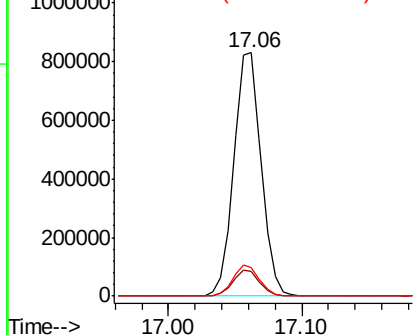


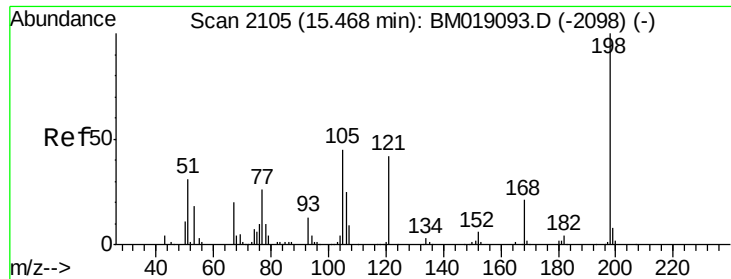
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion: 188 Resp: 1184905
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 11.8 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): BM019093.D (-2370) (-)
Ion 94.00 (93.70 to 94.70): BM019093.D (-2370) (-)
Ion 80.00 (79.70 to 80.70): BM019093.D (-2370) (-)

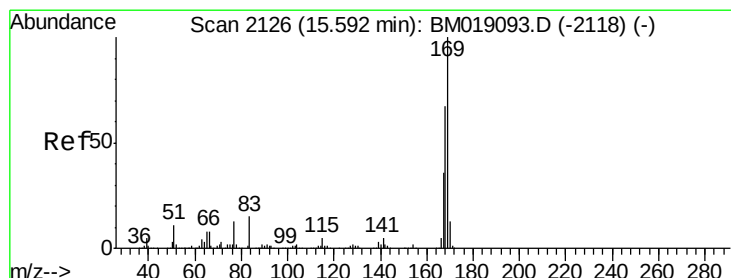
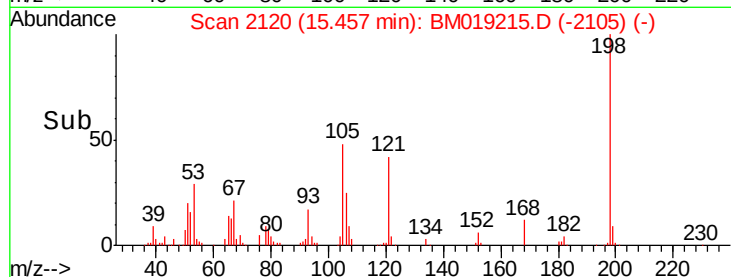
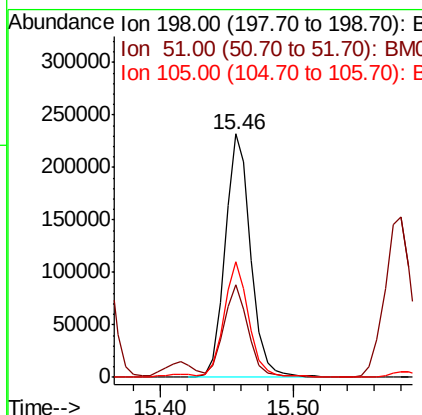
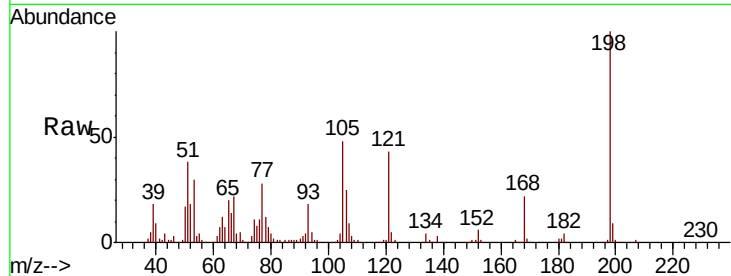




#65
4,6-Dinitro-2-methylphenol
Concen: 40.018 ng
RT: 15.46 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

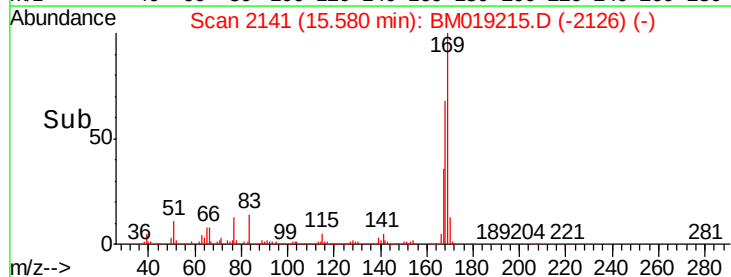
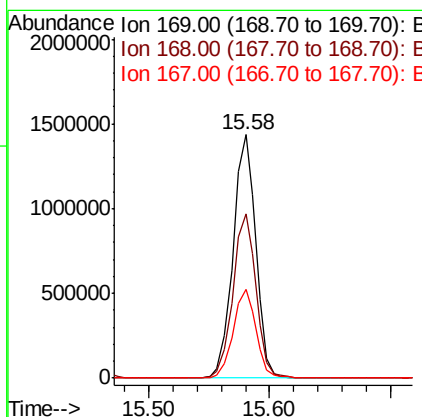
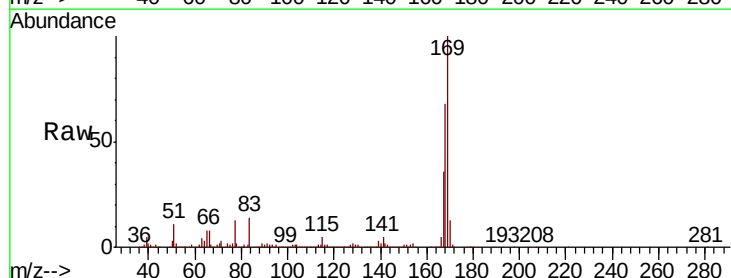
Instrument :
BNA_M
ClientSampleId :
S-1MSD

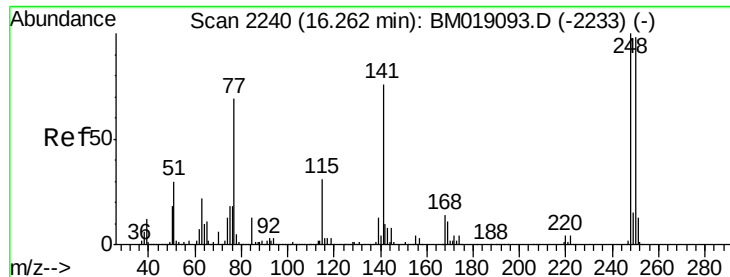
Tgt Ion:198 Resp: 310727
Ion Ratio Lower Upper
198 100
51 38.0 17.3 57.3
105 47.6 26.2 66.2



#66
n-Nitrosodiphenylamine
Concen: 49.747 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion:169 Resp: 1876636
Ion Ratio Lower Upper
169 100
168 67.7 53.9 80.9
167 36.3 28.8 43.2

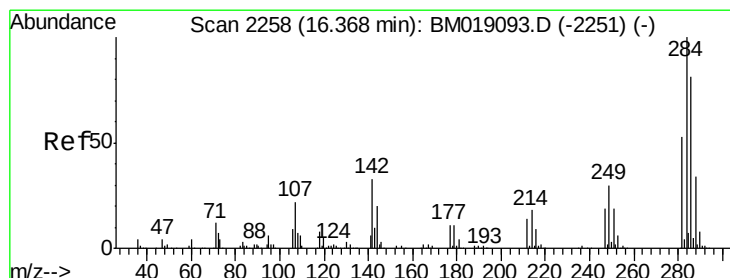
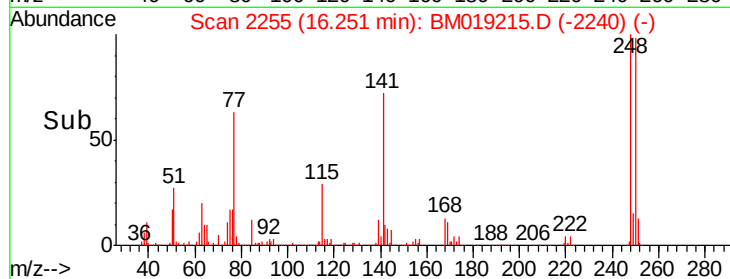
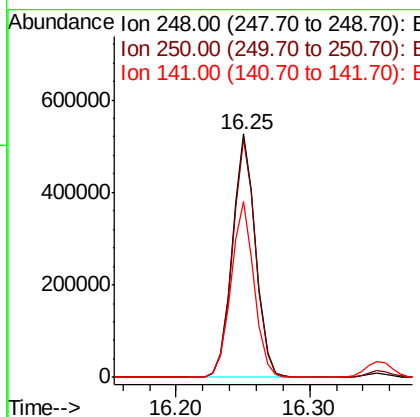
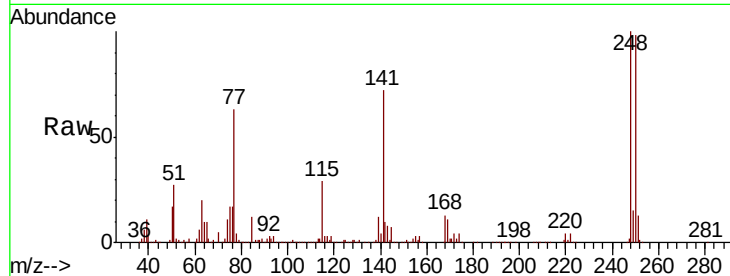




#67
 4-Bromophenyl-phenylether
 Concen: 48.883 ng
 RT: 16.25 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

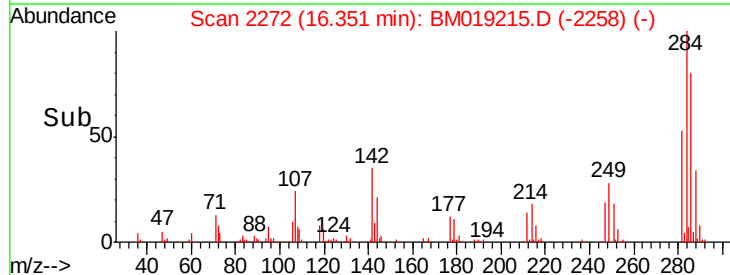
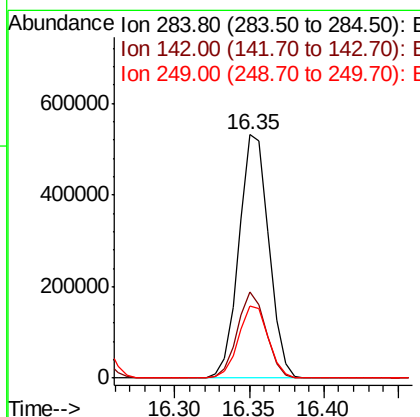
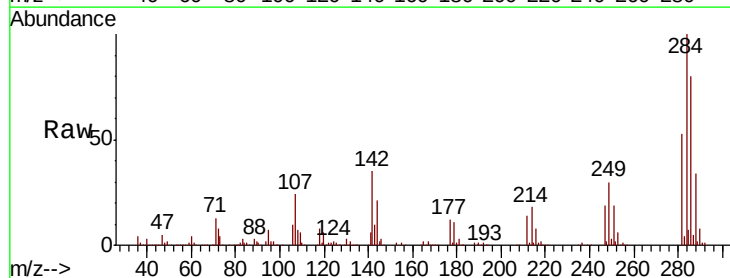
Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

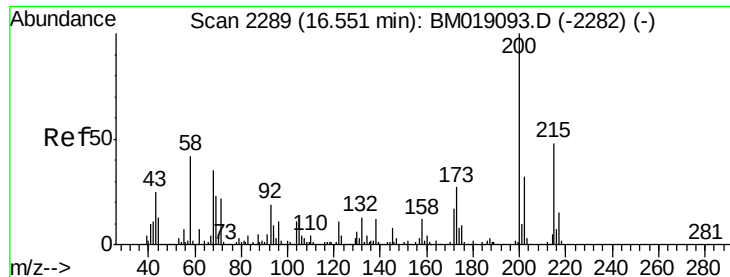
Tgt Ion:248 Resp: 638727
 Ion Ratio Lower Upper
 248 100
 250 98.1 78.0 117.0
 141 72.0 61.0 91.4



#68
 Hexachlorobenzene
 Concen: 47.555 ng
 RT: 16.35 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion:284 Resp: 738751
 Ion Ratio Lower Upper
 284 100
 142 35.2 26.3 39.5
 249 29.8 24.1 36.1





#69

Atrazine

Concen: 50.297 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

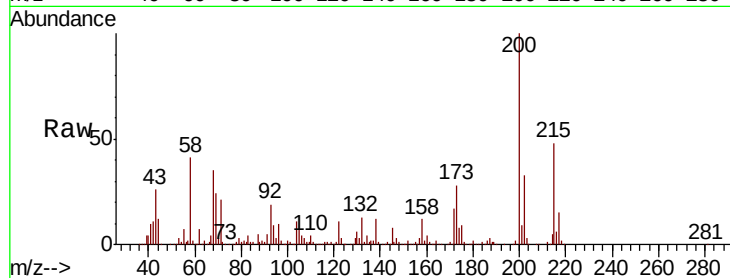
Tgt Ion:200 Resp: 638702

Ion Ratio Lower Upper

200 100

173 27.6 7.0 47.0

215 47.7 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

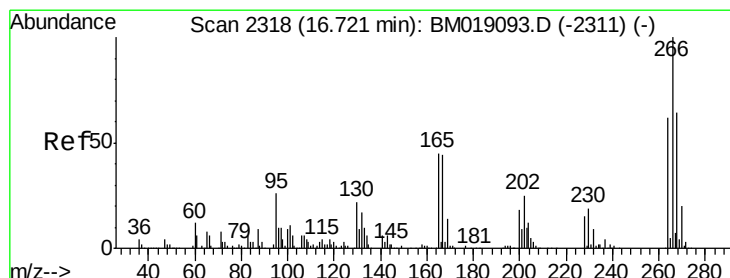
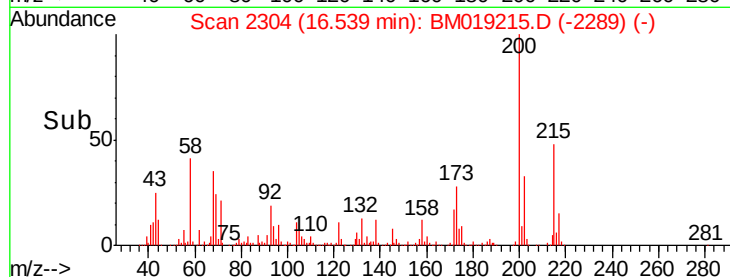
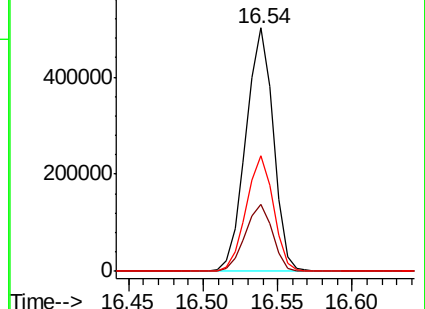
600000

400000

200000

0

16.45 16.50 16.55 16.60



#70

Pentachlorophenol

Concen: 91.677 ng

RT: 16.71 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

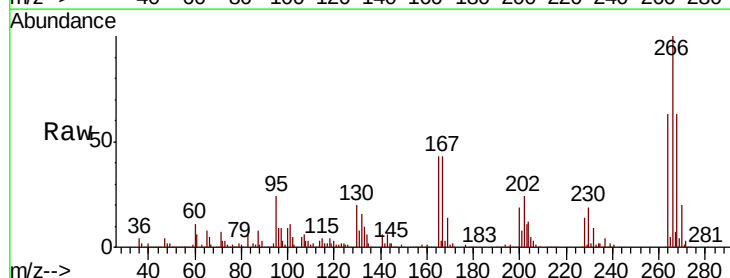
Tgt Ion:266 Resp: 858047

Ion Ratio Lower Upper

266 100

268 63.2 51.3 76.9

264 62.7 50.0 75.0



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

800000

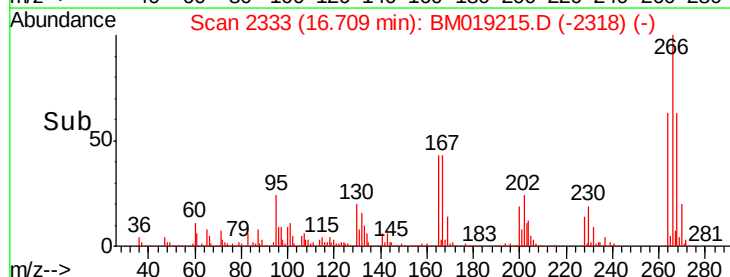
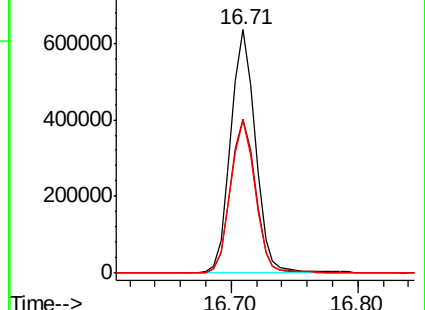
600000

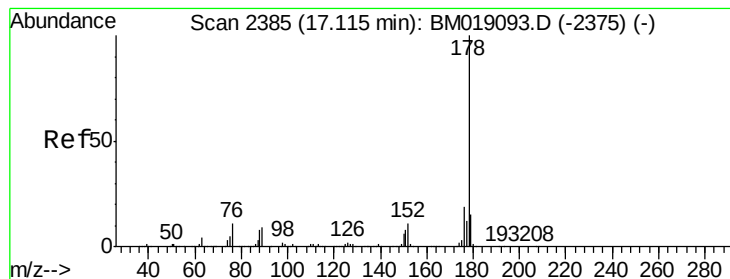
400000

200000

0

16.70 16.71 16.72





#71

Phenanthrene

Concen: 45.657 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

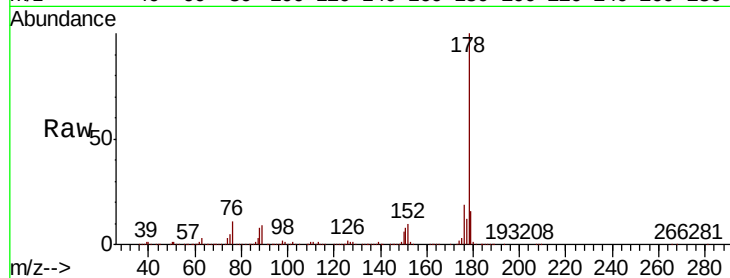
Tgt Ion:178 Resp: 3170962

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

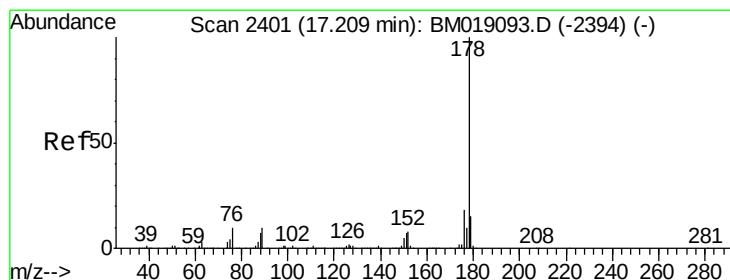
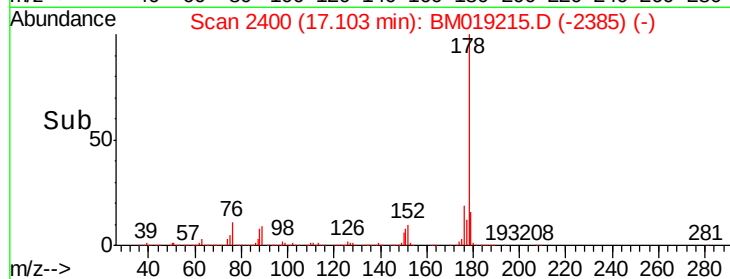
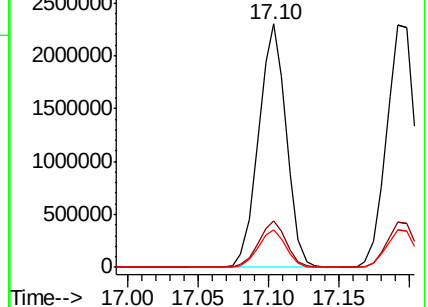
179 15.5 12.2 18.2



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



#72

Anthracene

Concen: 47.786 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.02 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

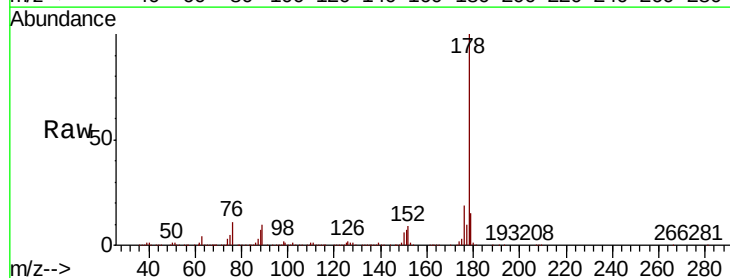
Tgt Ion:178 Resp: 3249010

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

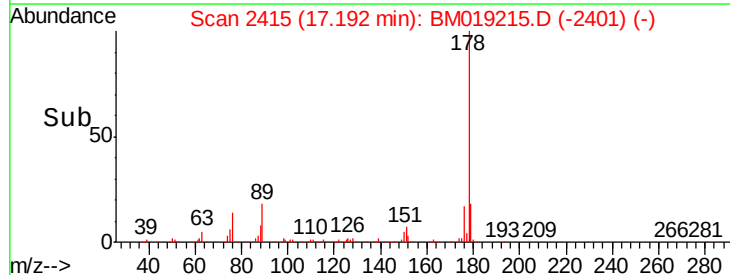
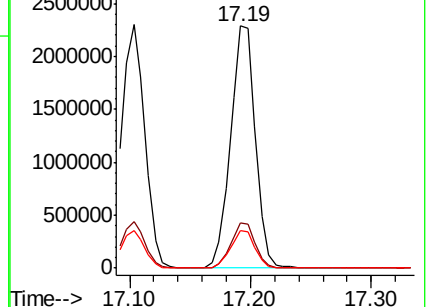
179 15.5 11.9 17.9

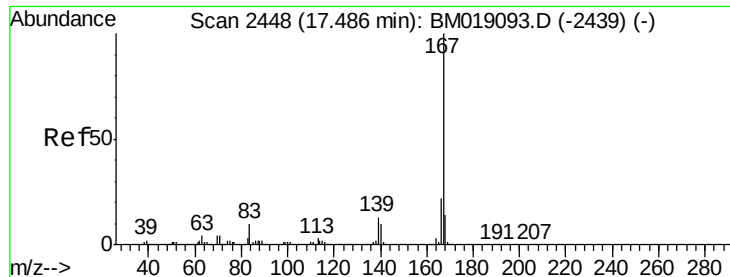


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.677 ng

RT: 17.47 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

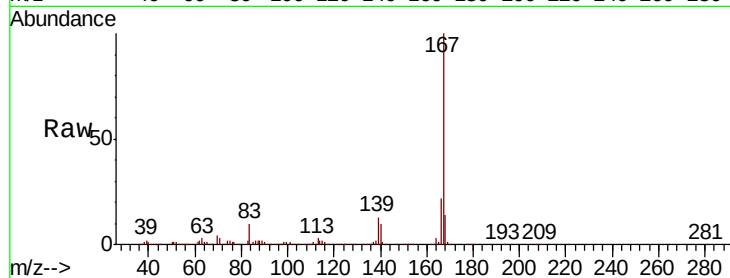
Tgt Ion:167 Resp: 2866993

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.8

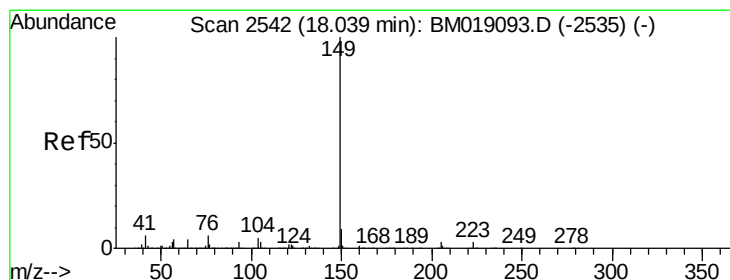
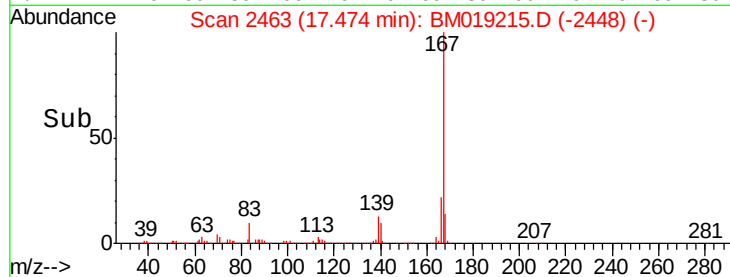
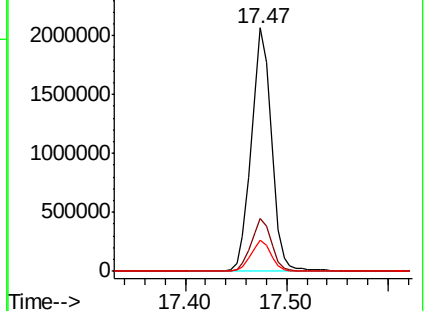
139 12.9 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 49.398 ng

RT: 18.03 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

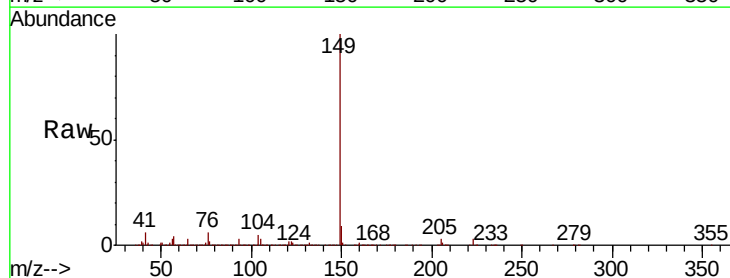
Tgt Ion:149 Resp: 3833235

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

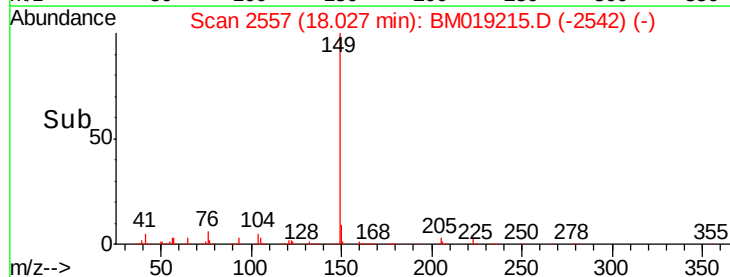
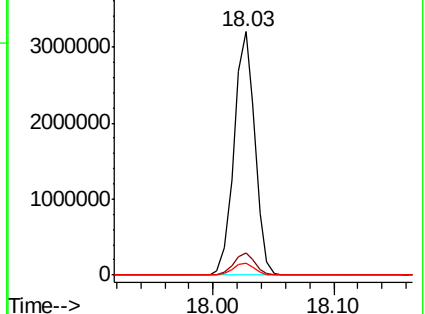
104 5.1 4.2 6.4

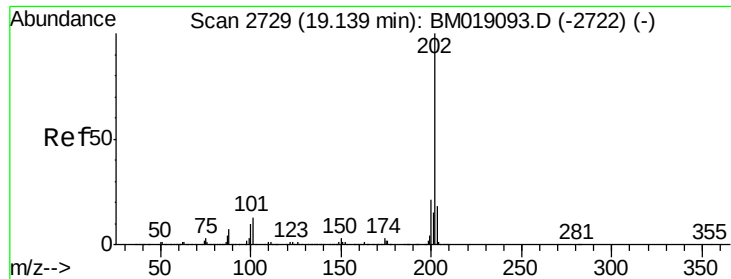


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.960 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

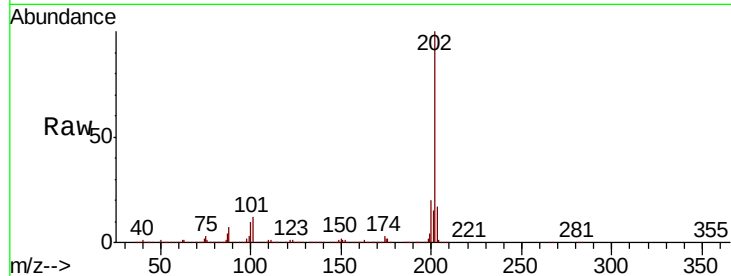
Tgt Ion:202 Resp: 3343925

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.0

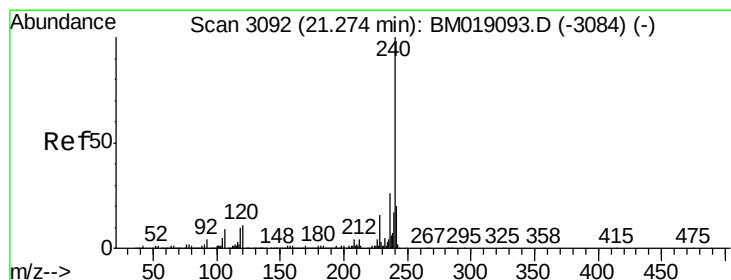
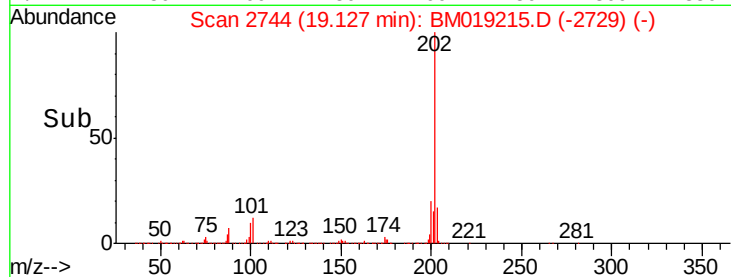
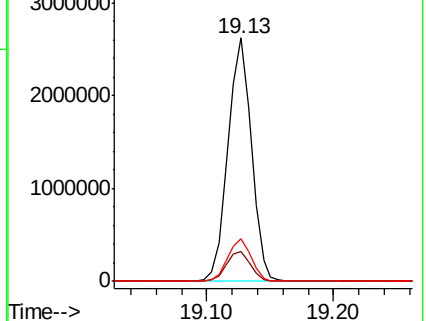
203 17.3 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

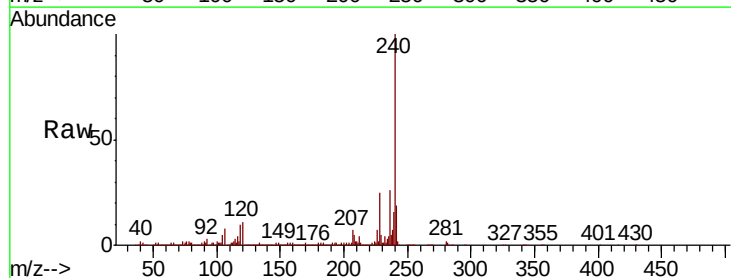
Tgt Ion:240 Resp: 917575

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

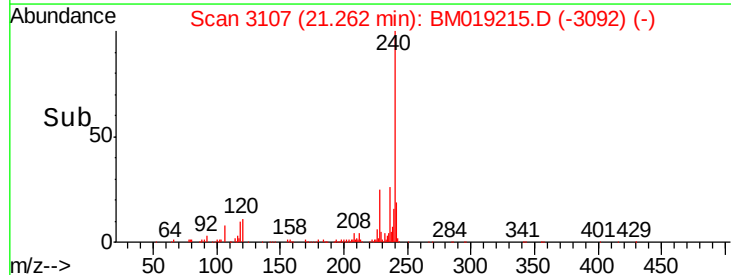
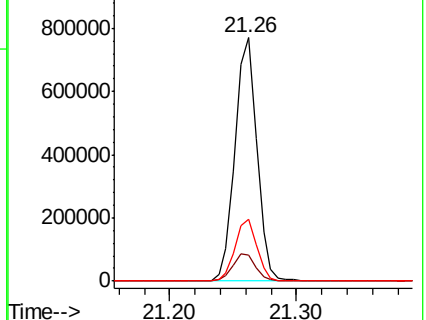
236 25.6 21.0 31.4

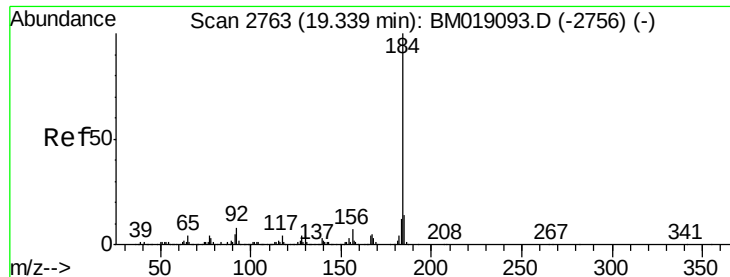


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.646 ng

RT: 19.33 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

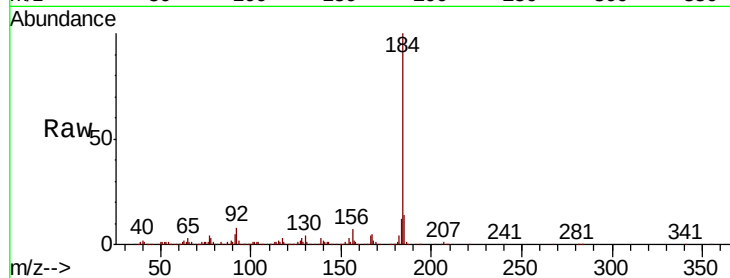
Tgt Ion:184 Resp: 1161810

Ion Ratio Lower Upper

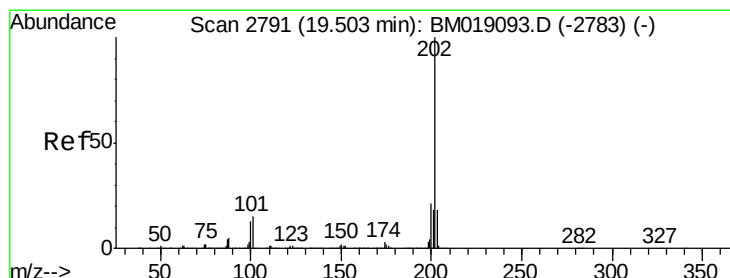
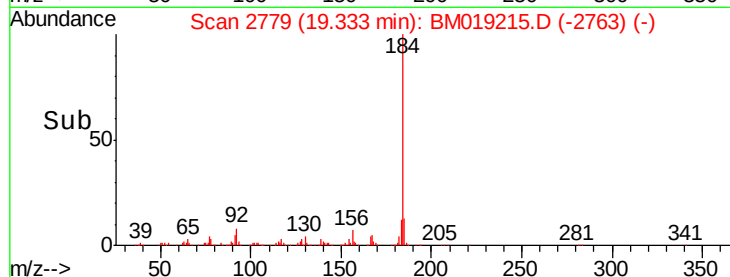
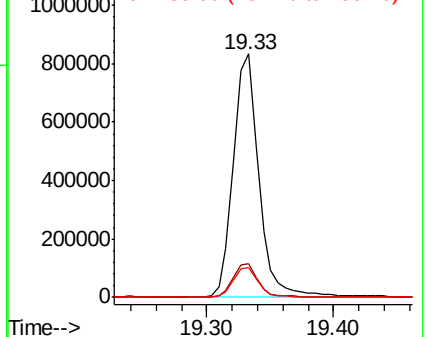
184 100

185 13.7 11.0 16.4

183 12.1 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 56.840 ng

RT: 19.49 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

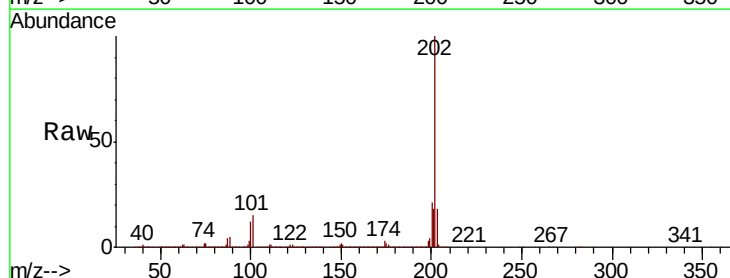
Tgt Ion:202 Resp: 3299920

Ion Ratio Lower Upper

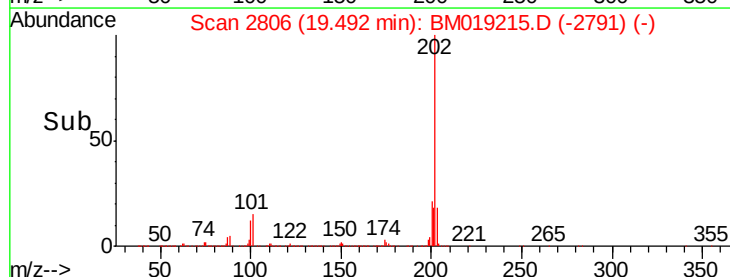
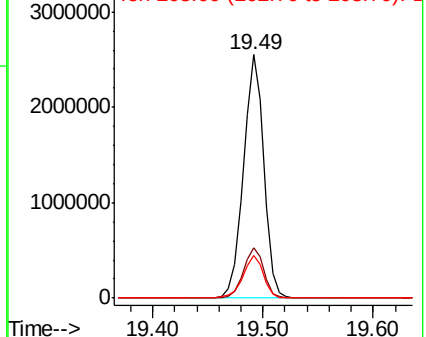
202 100

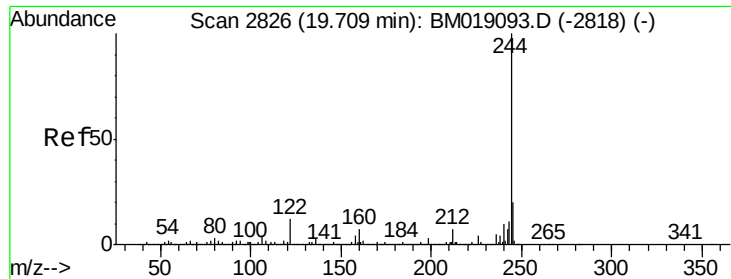
200 20.7 16.9 25.3

203 17.5 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 107.559 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

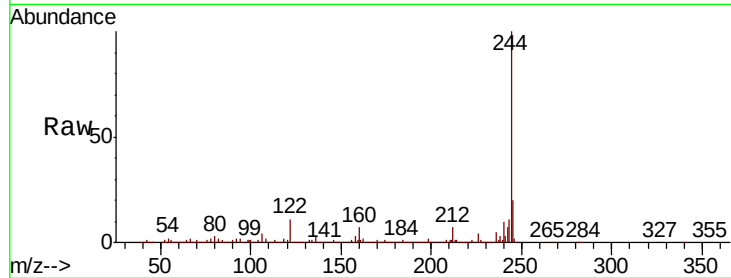
Tgt Ion:244 Resp: 4971424

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

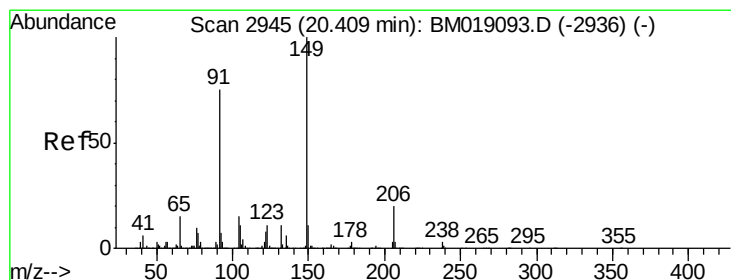
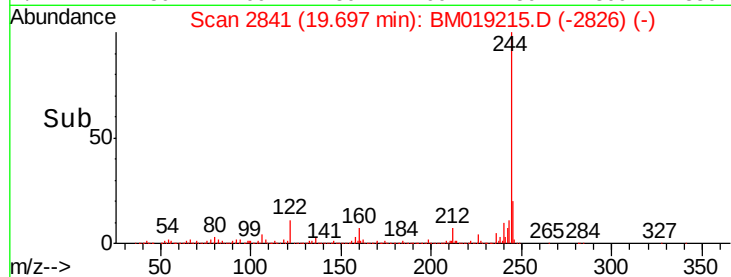
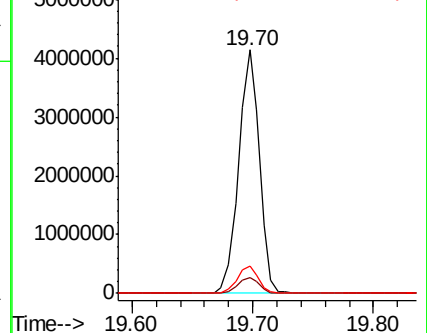
122 11.3 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 63.354 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

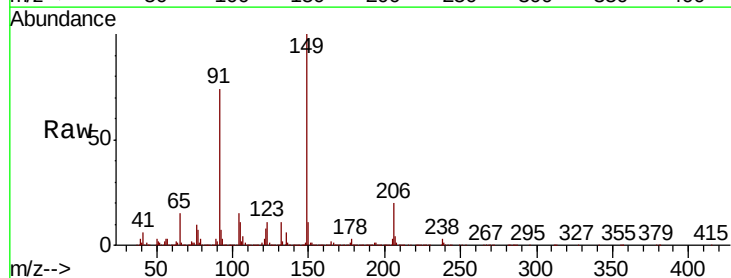
Tgt Ion:149 Resp: 1602006

Ion Ratio Lower Upper

149 100

91 74.2 60.1 90.1

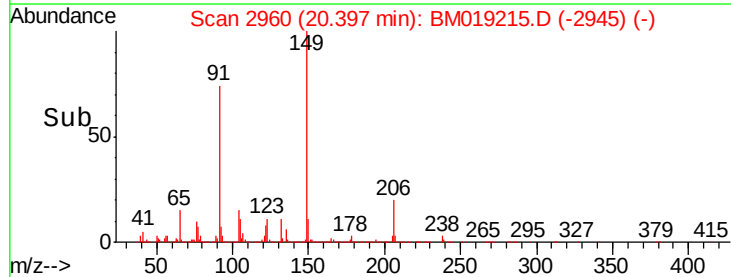
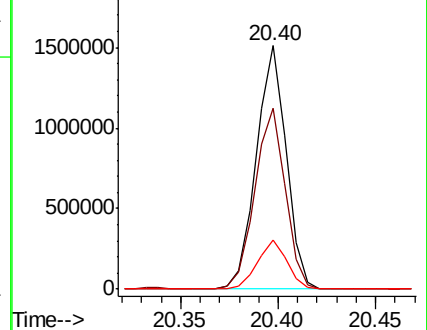
206 20.1 16.2 24.2

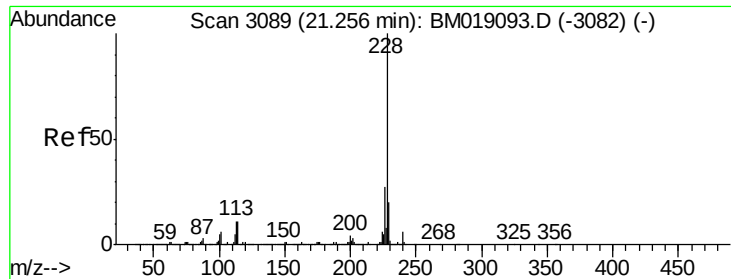


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.727 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampled :

S-1MSD

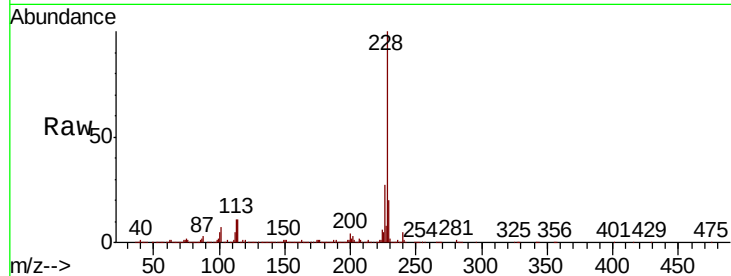
Tgt Ion:228 Resp: 2574740

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 19.9 15.8 23.6

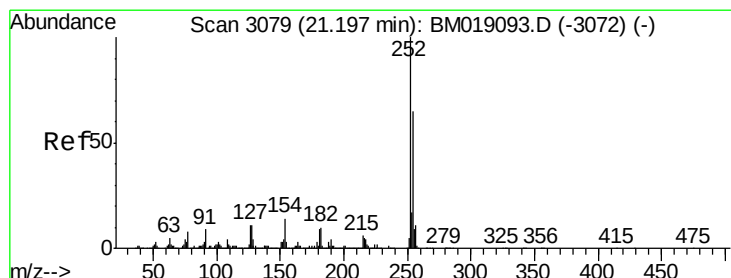
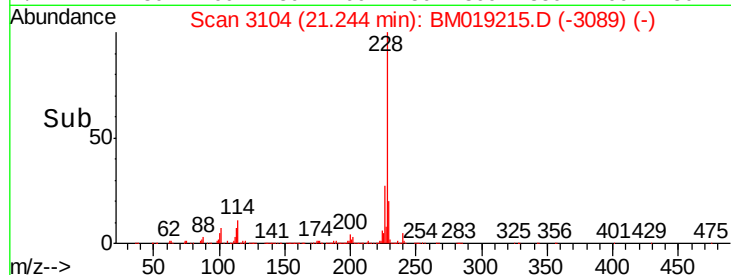
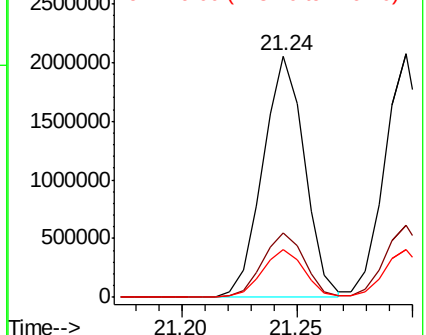


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.252 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

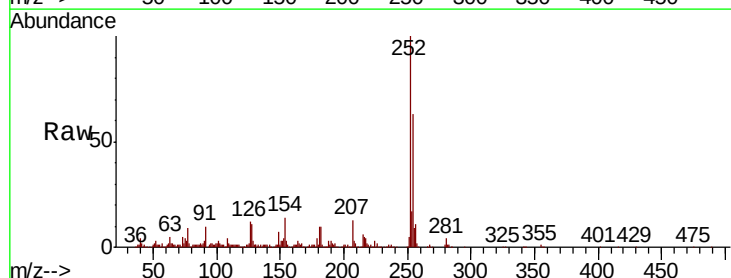
Tgt Ion:252 Resp: 471277

Ion Ratio Lower Upper

252 100

254 63.4 52.4 78.6

126 12.0 9.0 13.6

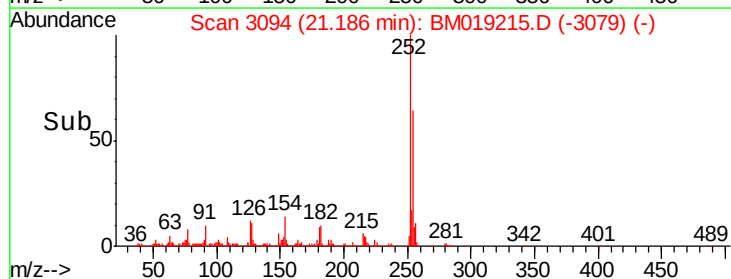
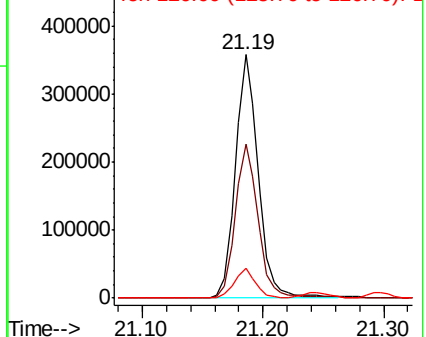


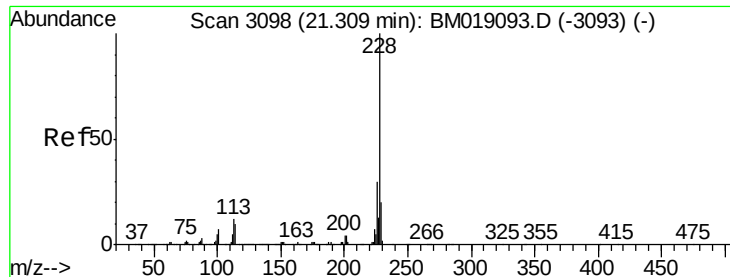
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.693 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampled :

S-1MSD

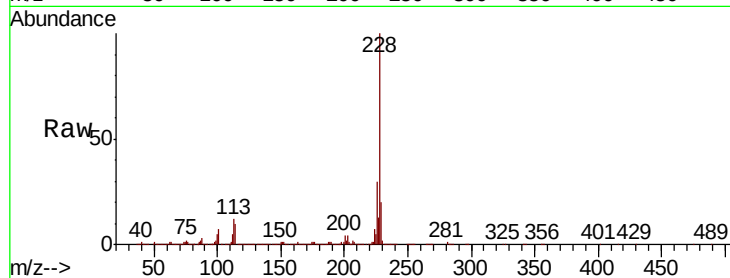
Tgt Ion:228 Resp: 2489005

Ion Ratio Lower Upper

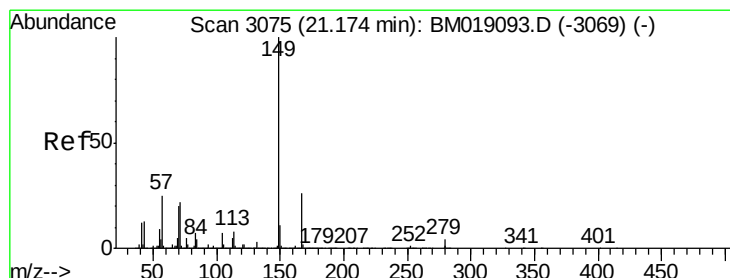
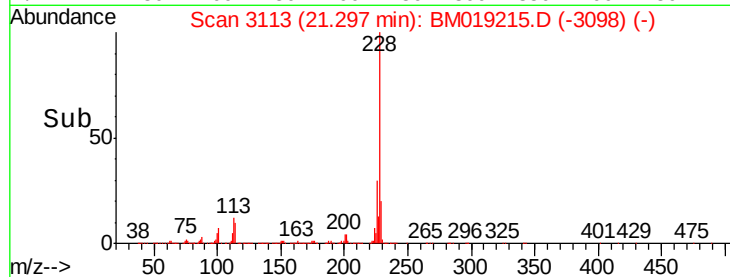
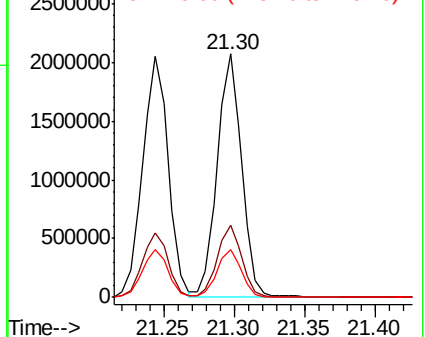
228 100

226 29.8 23.8 35.8

229 19.7 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.759 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

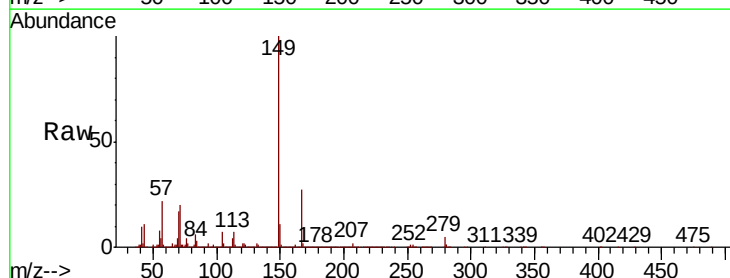
Tgt Ion:149 Resp: 2382346

Ion Ratio Lower Upper

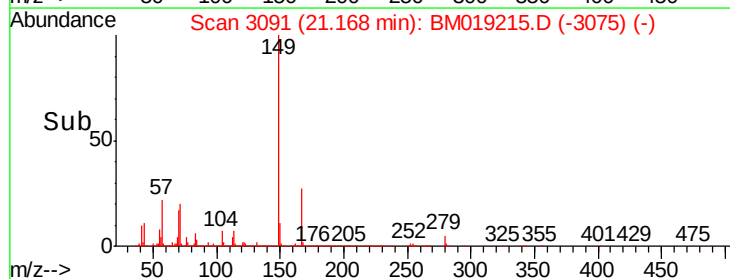
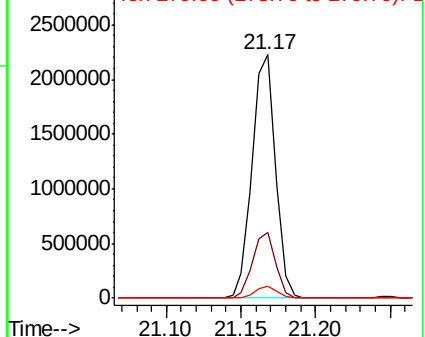
149 100

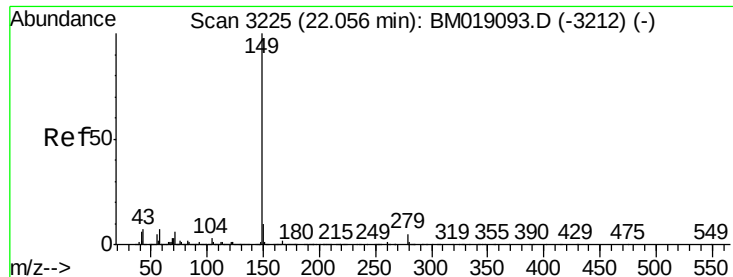
167 27.0 21.1 31.7

279 4.7 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

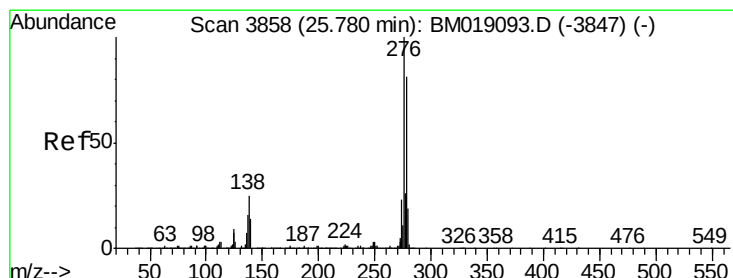
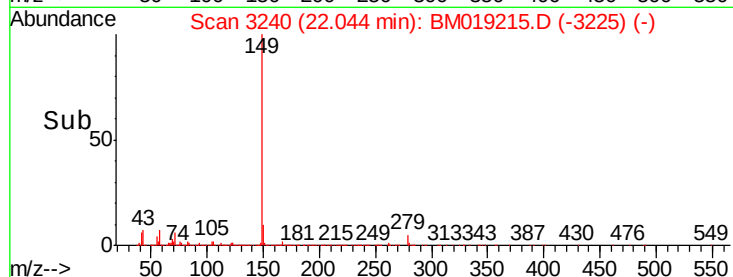
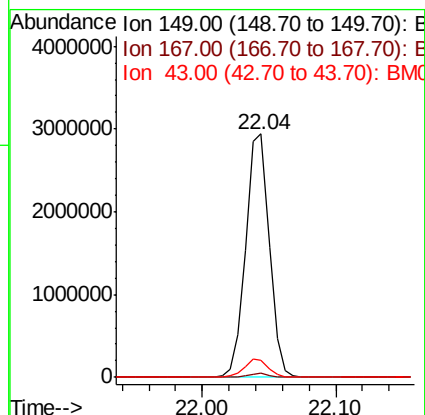
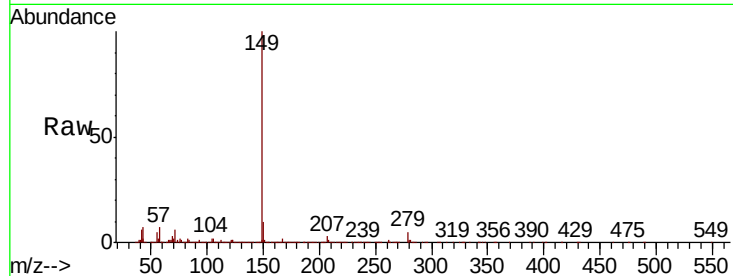




#85
Di-n-octyl phthalate
Concen: 57.400 ng
RT: 22.04 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

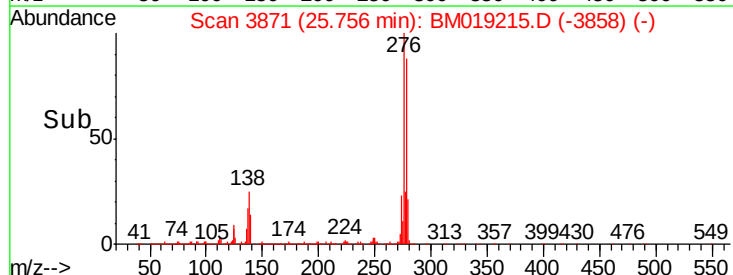
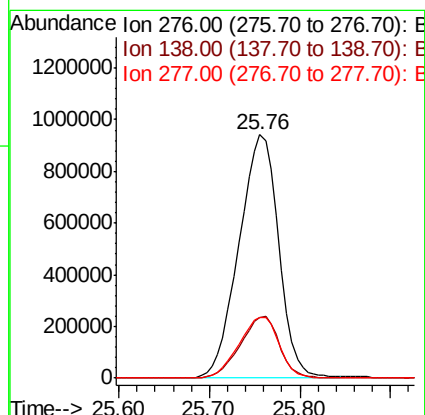
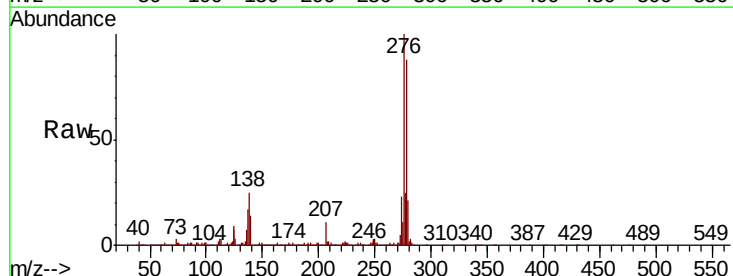
Instrument :
BNA_M
ClientSampleId :
S-1MSD

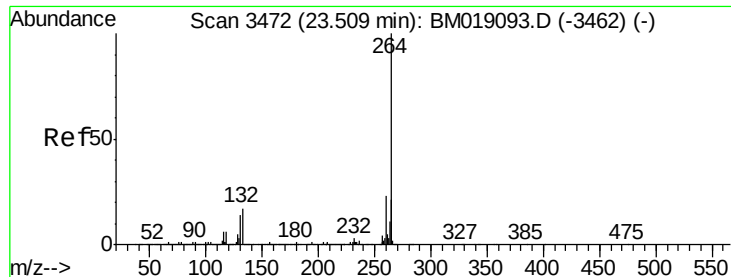
Tgt Ion:149 Resp: 3555762
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.5 6.1 9.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.540 ng
RT: 25.76 min Scan# 3871
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion:276 Resp: 2850009
Ion Ratio Lower Upper
276 100
138 24.7 19.8 29.8
277 25.4 20.3 30.5

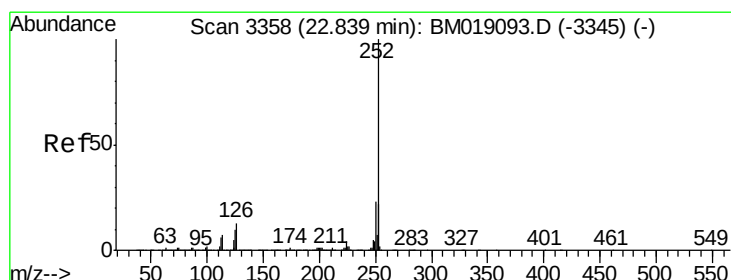
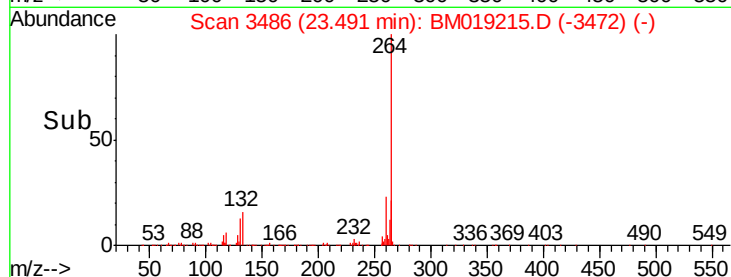
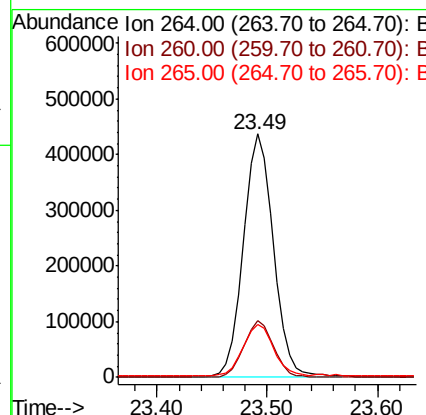
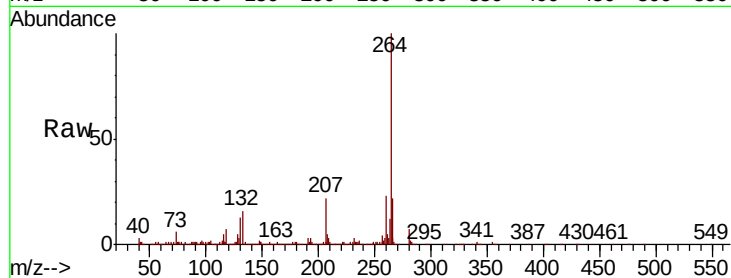




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3486
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

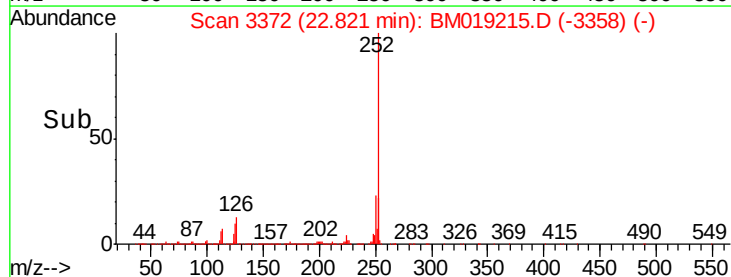
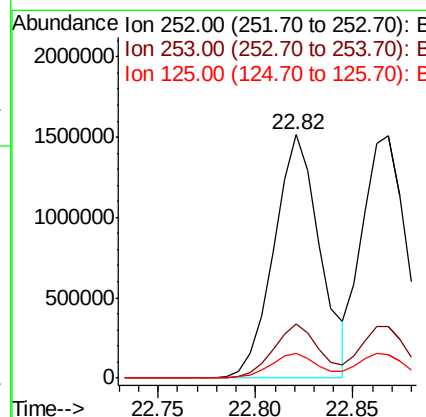
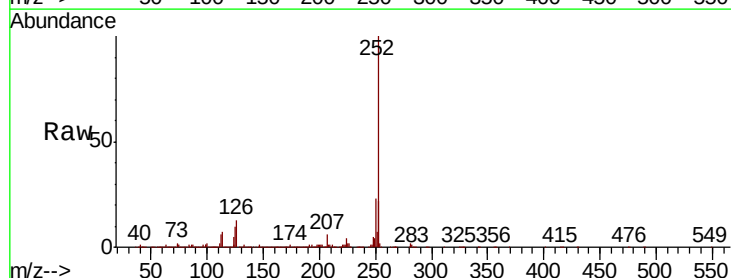
Instrument :
BNA_M
ClientSampleId :
S-1MSD

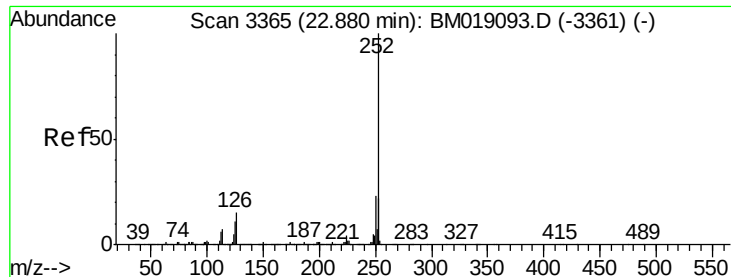
Tgt Ion:264 Resp: 841057
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 22.0 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 45.559 ng
RT: 22.82 min Scan# 3372
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion:252 Resp: 2482919
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.4 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 46.934 ng

RT: 22.87 min Scan# 3380

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

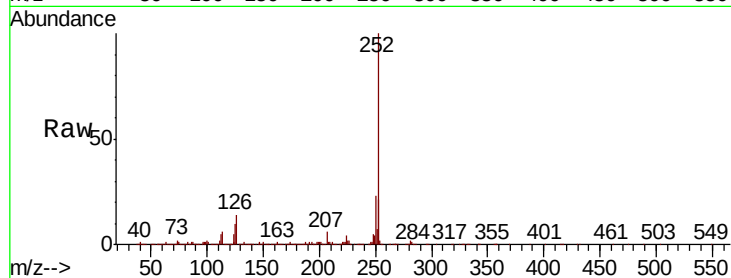
Tgt Ion:252 Resp: 2352648

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

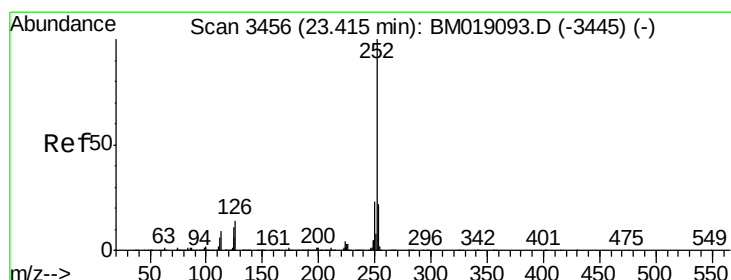
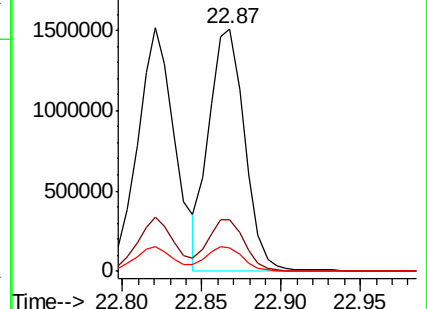
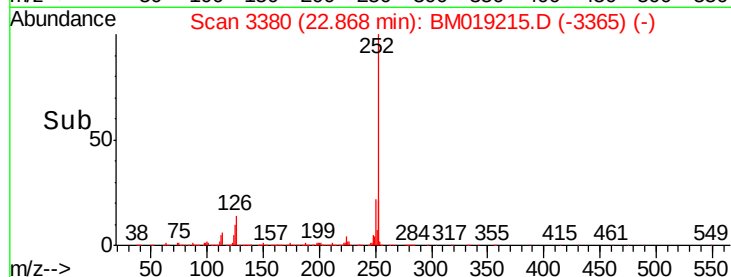
125 9.9 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.327 ng

RT: 23.40 min Scan# 3470

Delta R.T. -0.02 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

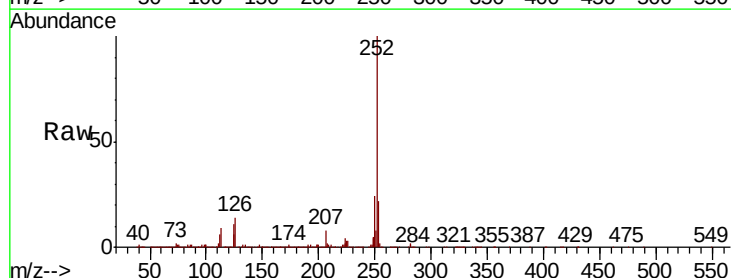
Tgt Ion:252 Resp: 2317873

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

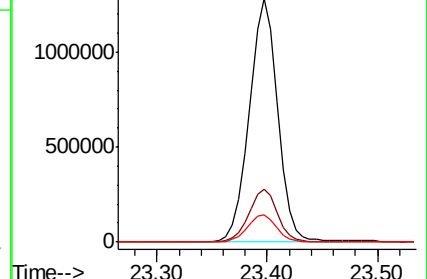
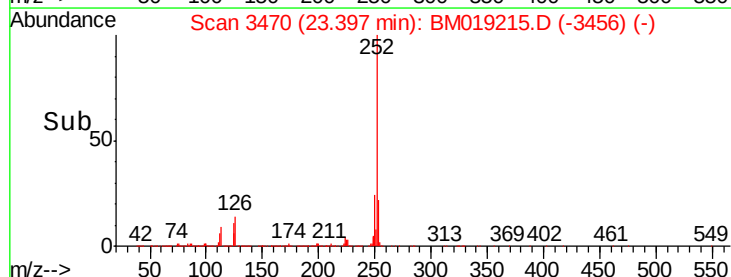
125 11.2 9.2 13.8

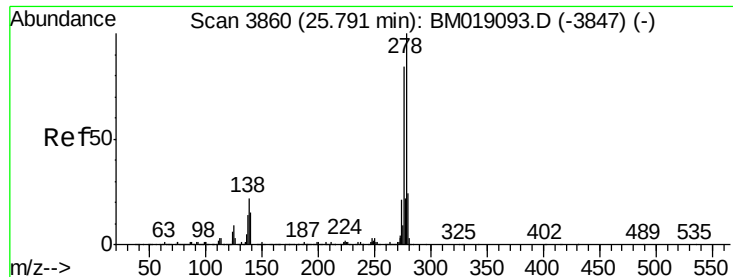


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 52.039 ng

RT: 25.77 min Scan# 3873

Delta R.T. -0.02 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

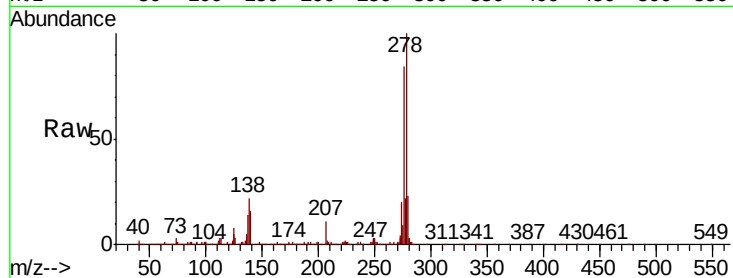
Tgt Ion:278 Resp: 2438029

Ion Ratio Lower Upper

278 100

139 15.7 12.3 18.5

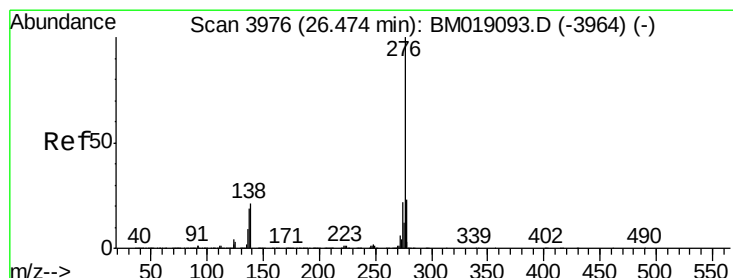
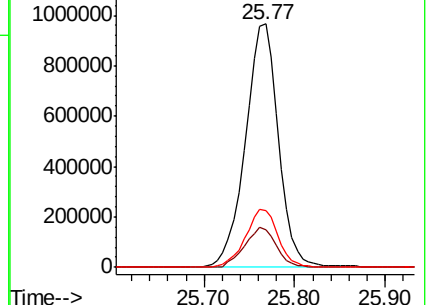
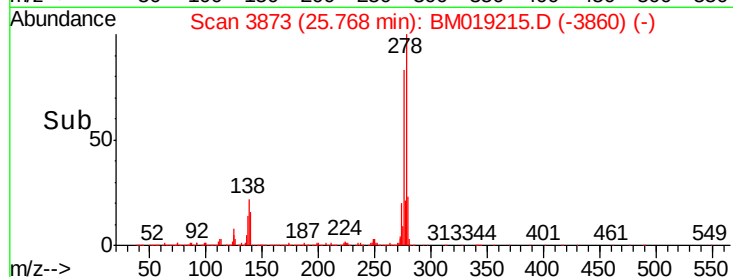
279 23.4 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.821 ng

RT: 26.45 min Scan# 3989

Delta R.T. -0.02 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

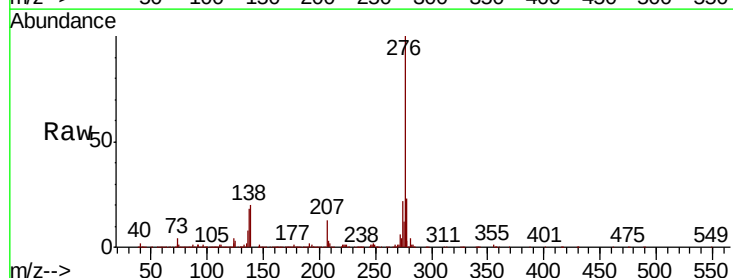
Tgt Ion:276 Resp: 2315024

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 20.3 17.0 25.4



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

