

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031819\
 Data File : BM019225.D
 Acq On : 18 Mar 2019 20:53
 Operator : JU/SJ
 Sample : K1947-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Quant Time: Mar 19 04:14:11 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	204519	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	912773	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	564810	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1233040	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	1012532	20.00	ng	-0.02
87) Perylene-d12	23.49	264	893983	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1933962	153.14	ng	0.00
7) Phenol-d6	6.84	99	2923847	158.28	ng	0.00
23) Nitrobenzene-d5	8.82	82	1817595	94.13	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1316674	157.89	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3907138	89.98	ng	-0.02
79) Terphenyl-d14	19.70	244	5606797	109.93	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	182369	32.462	ng	98
3) Pyridine	3.61	79	342194	22.389	ng	98
4) n-Nitrosodimethylamine	3.53	42	174939	36.817	ng	99
6) Aniline	7.00	93	719148	30.154	ng	99
8) 2-Chlorophenol	7.22	128	706363	46.545	ng	98
9) Benzaldehyde	6.81	77	251141	21.615	ng	99
10) Phenol	6.86	94	1018085	51.140	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	629595	41.446	ng	99
12) 1,3-Dichlorobenzene	7.53	146	650027	40.475	ng	100
13) 1,4-Dichlorobenzene	7.68	146	674174	41.175	ng	99
14) 1,2-Dichlorobenzene	7.99	146	666554	41.843	ng	99
15) Benzyl Alcohol	7.90	79	685954	44.868	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	628721	40.534	ng	100
17) 2-Methylphenol	8.10	107	634252	48.891	ng	99
18) Hexachloroethane	8.70	117	246015	40.436	ng	96
19) n-Nitroso-di-n-propylamine	8.46	70	637882	42.092	ng	98
20) 3+4-Methylphenols	8.43	107	870593	49.440	ng	99
22) Acetophenone	8.48	105	1069798	42.410	ng	# 100
24) Nitrobenzene	8.86	77	893154	44.475	ng	99
25) Isophorone	9.38	82	1640829	44.532	ng	99
26) 2-Nitrophenol	9.56	139	393565	47.279	ng	99
27) 2,4-Dimethylphenol	9.62	122	699306	56.508	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	978328	44.842	ng	99
29) 2,4-Dichlorophenol	10.09	162	721181	52.618	ng	99
30) 1,2,4-Trichlorobenzene	10.29	180	705462	45.647	ng	100
31) Naphthalene	10.48	128	2163933	44.979	ng	100
32) Benzoic acid	9.79	122	306458	29.240	ng	98
33) 4-Chloroaniline	10.62	127	411175	20.849	ng	100
34) Hexachlorobutadiene	10.75	225	370103	41.730	ng	99
35) Caprolactam	11.45	113	133357	27.314	ng	98
36) 4-Chloro-3-methylphenol	11.75	107	839410	49.635	ng	98
37) 2-Methylnaphthalene	12.10	142	1668749	47.733	ng	99
38) 1-Methylnaphthalene	12.33	142	1597035	46.346	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	804718	45.041	ng	99

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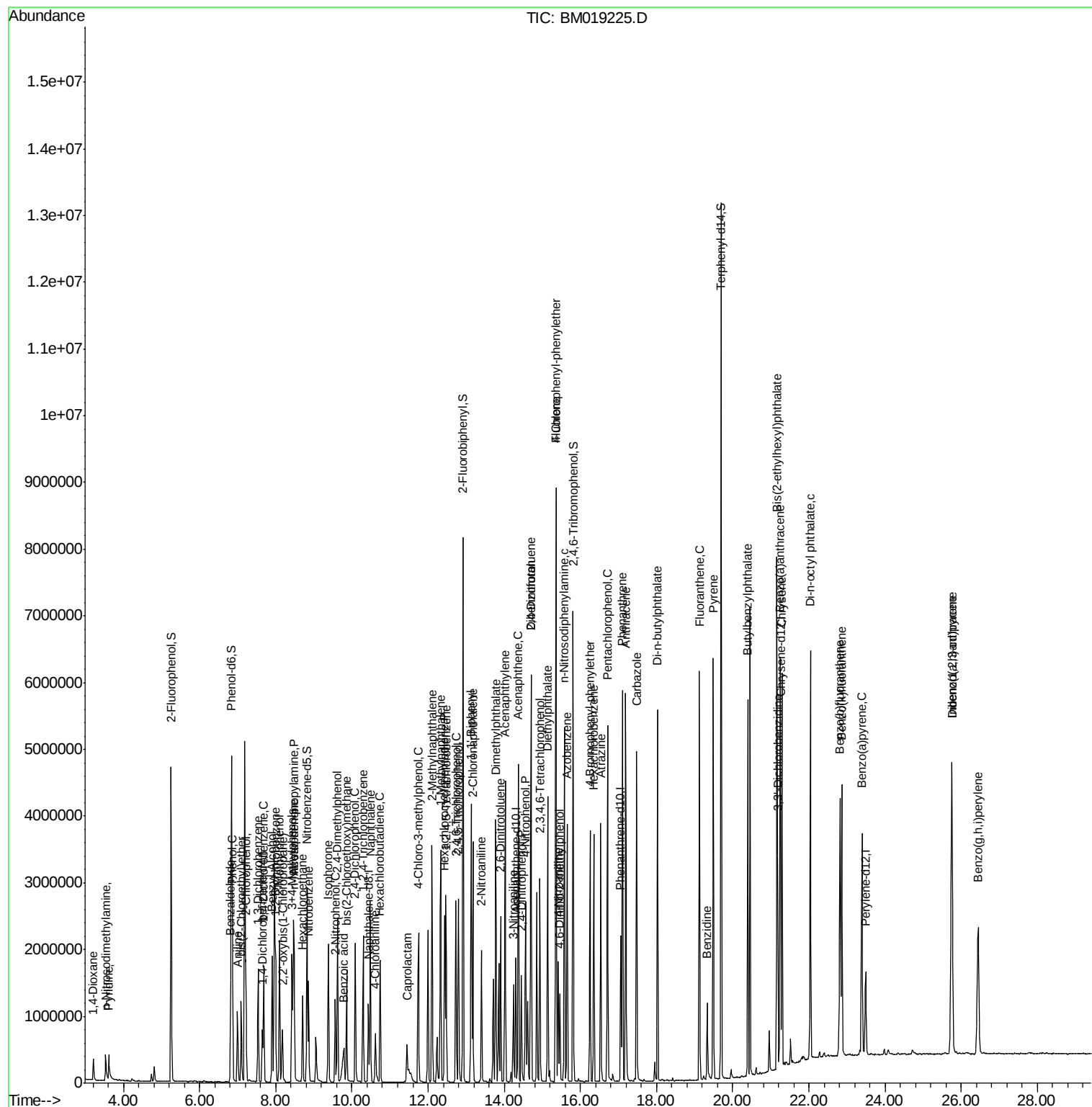
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41) Hexachlorocyclopentadiene	12.43	237	675068	83.416	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	600447	52.005	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	637835	51.661	ng	98
46) 1,1'-Biphenyl	13.13	154	2171588	44.026	ng	98
47) 2-Chloronaphthalene	13.17	162	1694856	46.033	ng	99
48) 2-Nitroaniline	13.40	65	584131	47.306	ng	96
49) Acenaphthylene	14.03	152	2802019	45.009	ng	99
50) Dimethylphthalate	13.77	163	2542010	52.611	ng	99
51) 2,6-Dinitrotoluene	13.90	165	492210	47.125	ng	96
52) Acenaphthene	14.37	154	1611315	45.044	ng	99
53) 3-Nitroaniline	14.24	138	350050	31.644	ng	99
54) 2,4-Dinitrophenol	14.45	184	342851	56.523	ng	97
55) Dibenzofuran	14.70	168	2626043	45.521	ng	100
56) 4-Nitrophenol	14.56	139	780814	86.450	ng	94
57) 2,4-Dinitrotoluene	14.70	165	696169	45.917	ng	100
58) Fluorene	15.36	166	2178269	45.809	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	569348	49.534	ng	99
60) Diethylphthalate	15.14	149	2254953	46.081	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1069066	46.290	ng	96
62) 4-Nitroaniline	15.42	138	451811	40.527	ng	98
63) Azobenzene	15.65	77	2353738	45.710	ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	280416	34.705	ng	99
66) n-Nitrosodiphenylamine	15.58	169	1888075	48.097	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	643846	47.351	ng	97
68) Hexachlorobenzene	16.36	284	756733	46.811	ng	96
69) Atrazine	16.54	200	648199	49.052	ng	99
70) Pentachlorophenol	16.71	266	874055	89.742	ng	99
71) Phenanthrene	17.10	178	3266145	45.192	ng	100
72) Anthracene	17.19	178	3346465	47.298	ng	99
73) Carbazole	17.47	167	2968541	44.454	ng	99
74) Di-n-butylphthalate	18.03	149	3904274	48.349	ng	100
75) Fluoranthene	19.13	202	3473045	41.879	ng	99
77) Benzidine	19.33	184	703325	24.492	ng	99
78) Pyrene	19.49	202	3457713	53.973	ng	100
80) Butylbenzylphthalate	20.40	149	1661164	59.532	ng	98
81) Benzo(a)anthracene	21.24	228	2795239	44.004	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	898234	36.706	ng	99
83) Chrysene	21.30	228	2672237	43.483	ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	2459406	60.584	ng	99
85) Di-n-octyl phthalate	22.04	149	3786176	55.388	ng	100
86) Indeno(1,2,3-cd)pyrene	25.76	276	2892961	43.731	ng	99
88) Benzo(b)fluoranthene	22.81	252	2544175	43.920	ng	99
89) Benzo(k)fluoranthene	22.86	252	2546281	47.790	ng	99
90) Benzo(a)pyrene	23.39	252	2401011	46.122	ng	100
91) Dibenzo(a,h)anthracene	25.76	278	2460729	49.414	ng	99
92) Benzo(g,h,i)perylene	26.44	276	2321085	50.768	ng	99

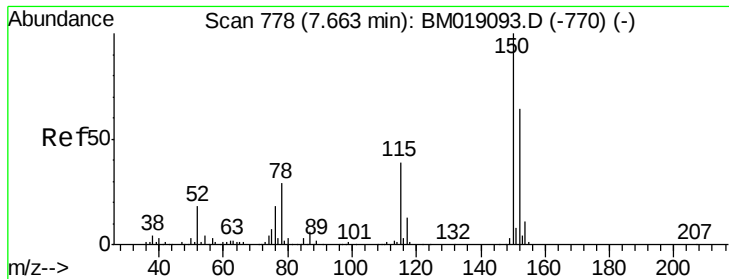
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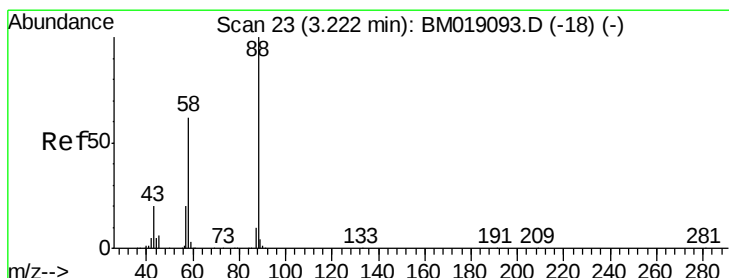
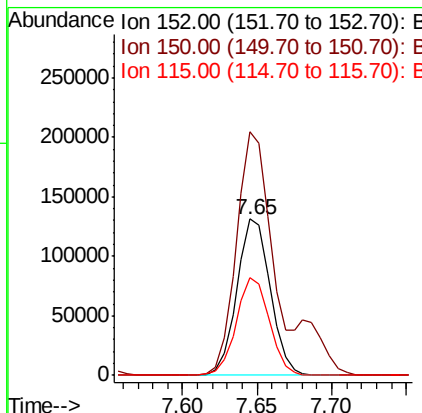
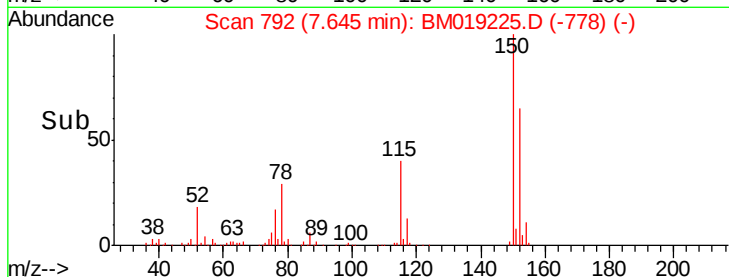
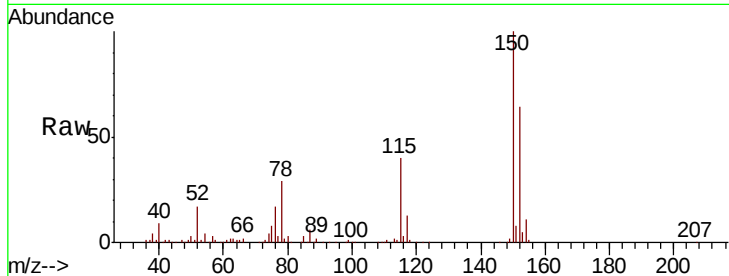


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
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ClientSampleId :
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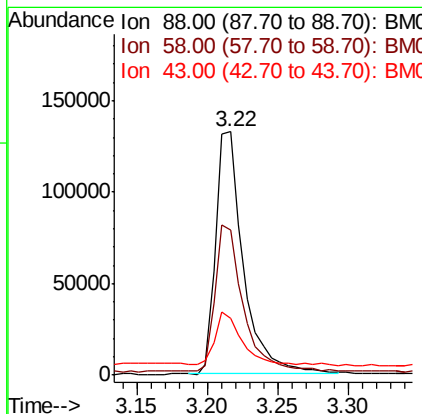
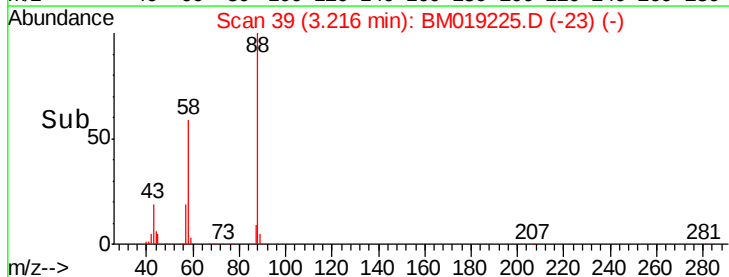
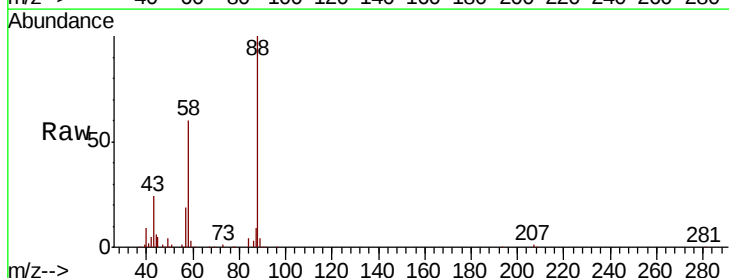
Tgt Ion:152 Resp: 204519
Ion Ratio Lower Upper
152 100
150 155.6 125.3 187.9
115 62.5 49.4 74.0



#2

1,4-Dioxane
Concen: 32.462 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion: 88 Resp: 182369
Ion Ratio Lower Upper
88 100
58 60.6 50.0 75.0
43 21.4 17.0 25.4

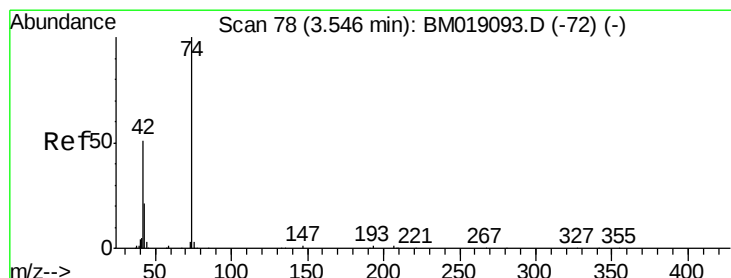
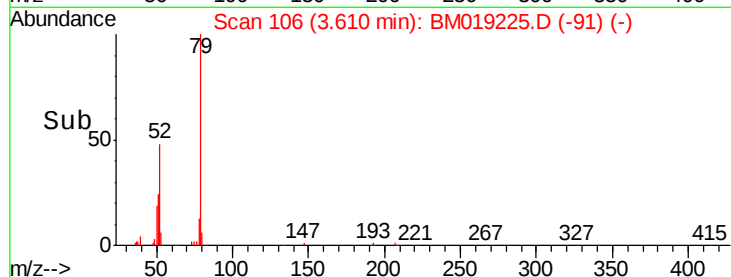
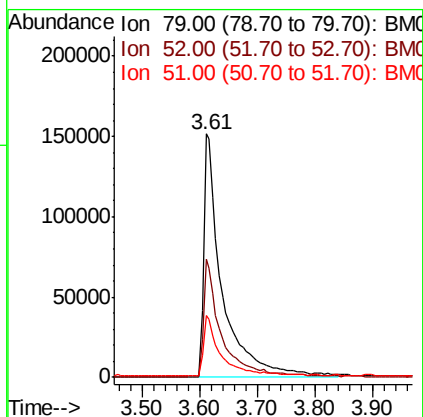
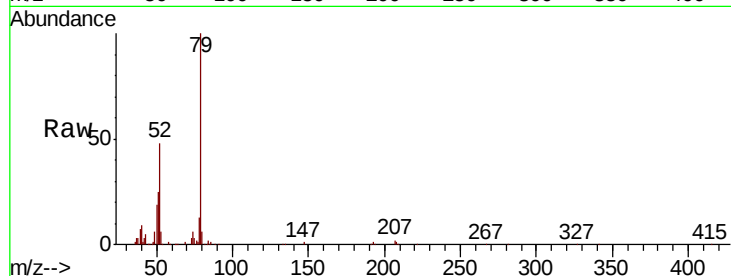




#3
 Pyridine
 Concen: 22.389 ng
 RT: 3.61 min Scan# 106
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

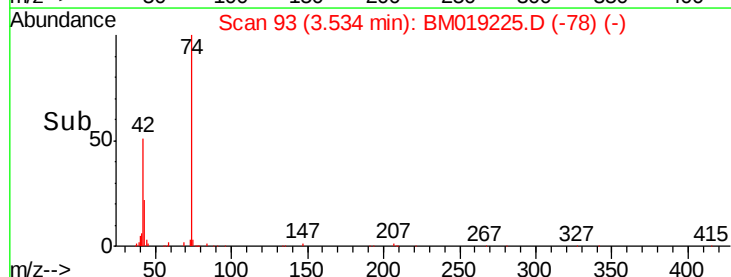
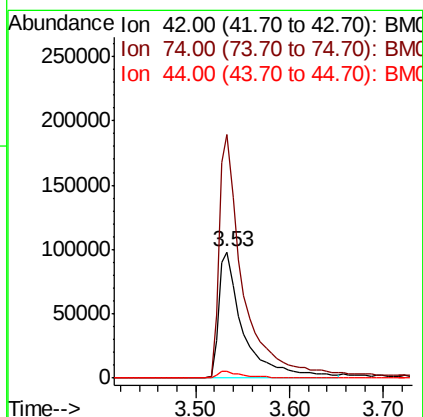
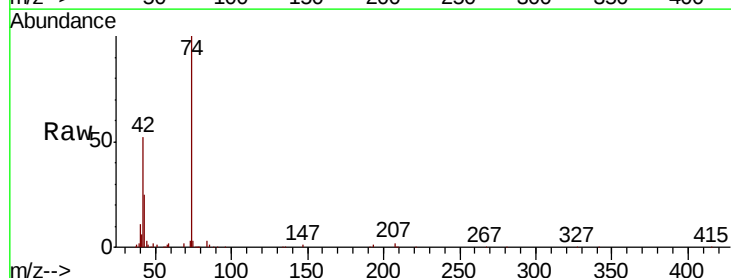
Instrument :
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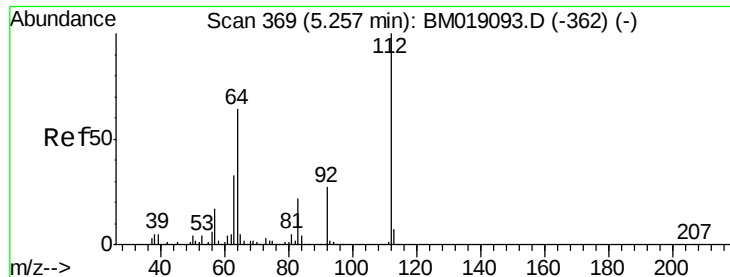
Tgt Ion: 79 Resp: 342194
 Ion Ratio Lower Upper
 79 100
 52 48.3 37.5 56.3
 51 25.2 19.2 28.8



#4
 n-Nitrosodimethylamine
 Concen: 36.817 ng
 RT: 3.53 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion: 42 Resp: 174939
 Ion Ratio Lower Upper
 42 100
 74 193.3 156.3 234.5
 44 5.6 4.6 7.0





#5

2-Fluorophenol

Concen: 153.140 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

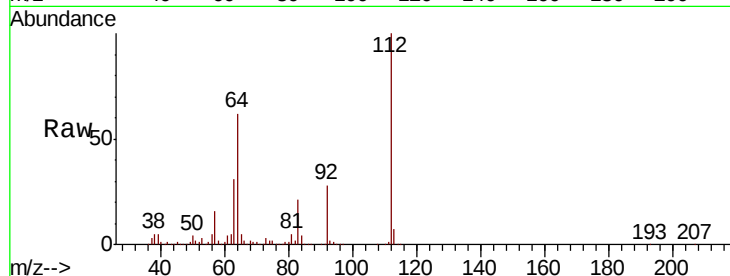
Tgt Ion:112 Resp: 1933962

Ion Ratio Lower Upper

112 100

64 62.0 51.4 77.0

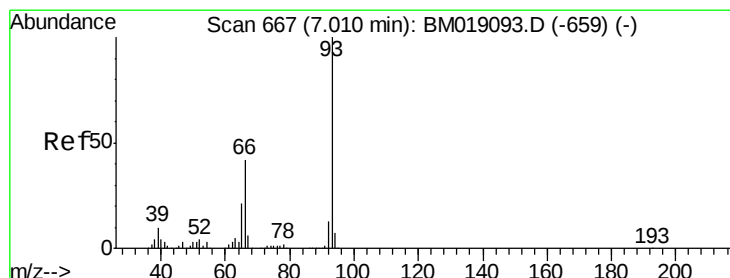
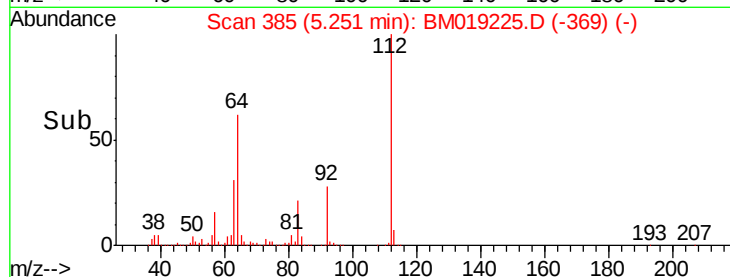
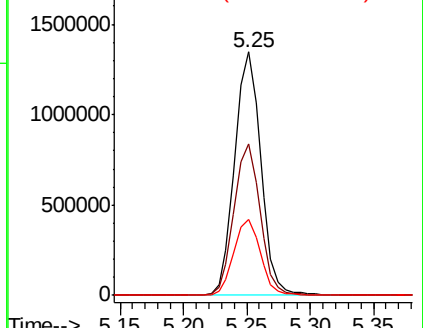
63 31.4 26.6 40.0



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: 30.154 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

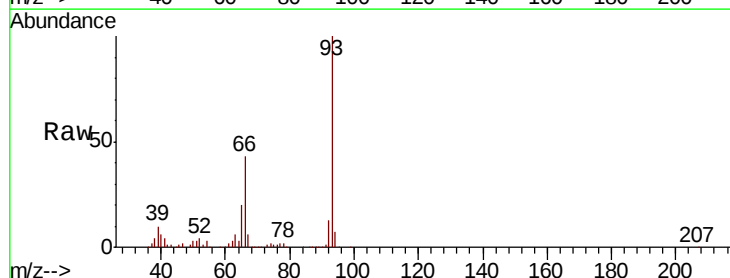
Tgt Ion: 93 Resp: 719148

Ion Ratio Lower Upper

93 100

66 42.6 33.4 50.2

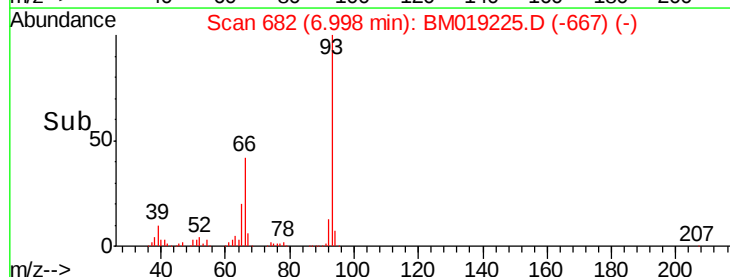
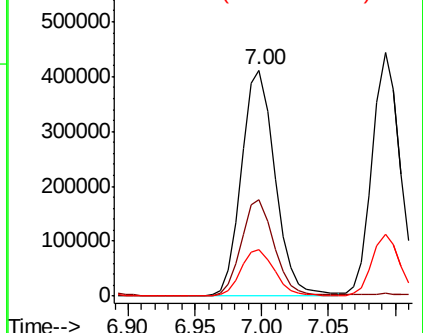
65 20.3 16.8 25.2

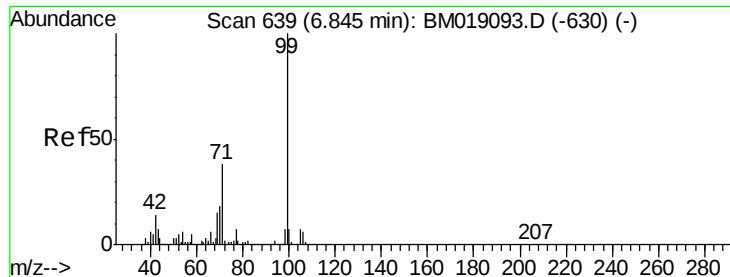


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 158.285 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019225.D

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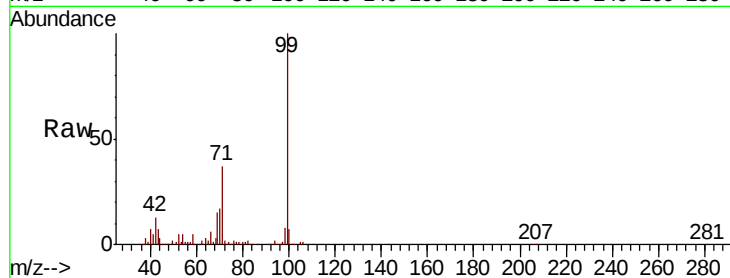
Tgt Ion: 99 Resp: 2923847

Ion Ratio Lower Upper

99 100

42 13.1 10.9 16.3

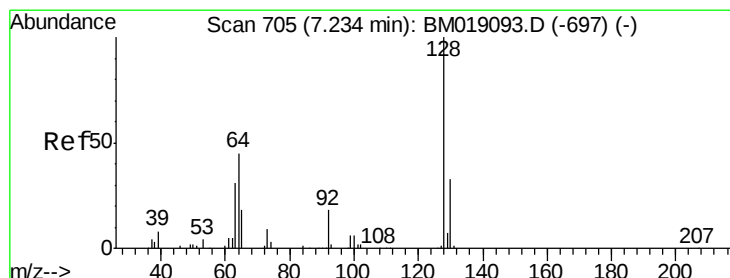
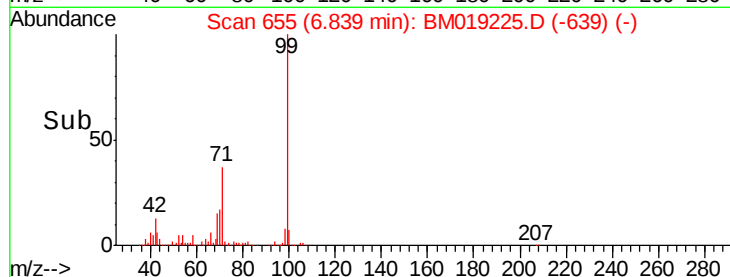
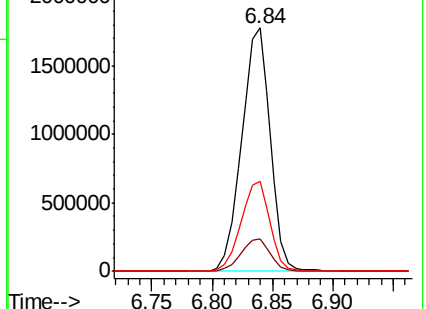
71 36.9 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#8

2-Chlorophenol

Concen: 46.545 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

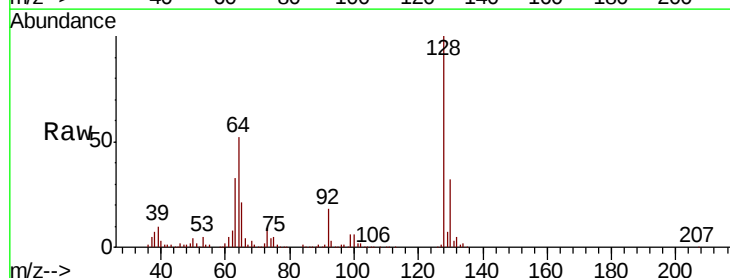
Tgt Ion: 128 Resp: 706363

Ion Ratio Lower Upper

128 100

130 32.1 12.8 52.8

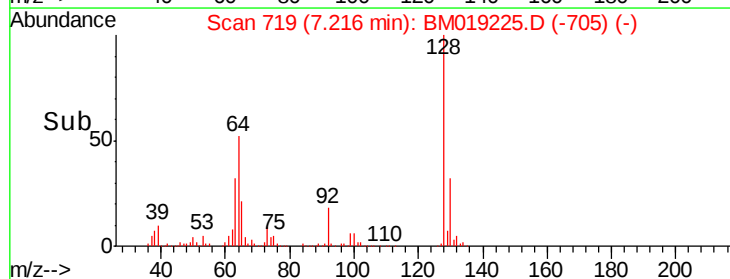
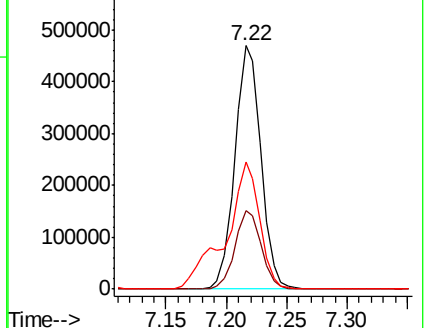
64 52.3 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): BM019093.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM019093.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM019093.D (-697) (-)





#9

Benzaldehyde

Concen: 21.615 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

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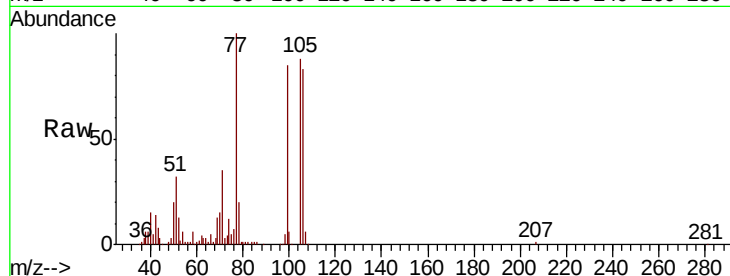
Tgt Ion: 77 Resp: 251141

Ion Ratio Lower Upper

77 100

105 88.1 67.7 107.7

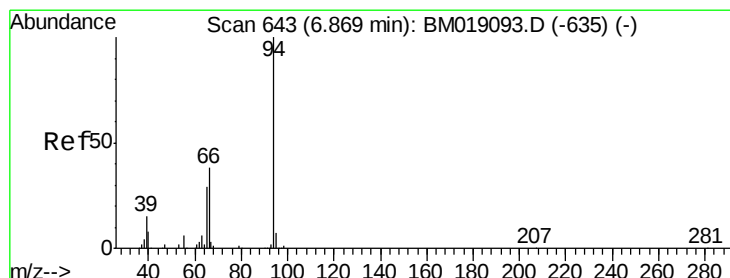
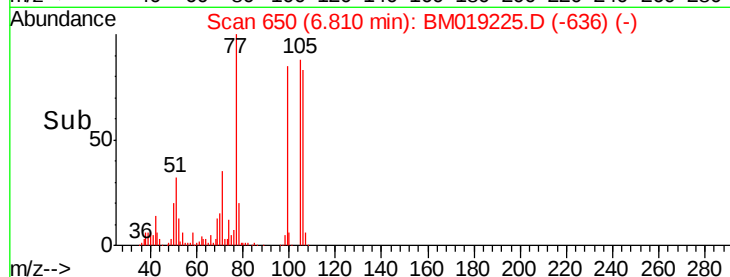
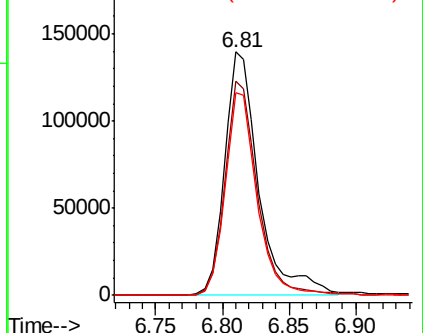
106 83.1 64.1 104.1



Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-628) (-)

Ion 105.00 (104.70 to 105.70): BM019093.D (-628) (-)

Ion 106.00 (105.70 to 106.70): BM019093.D (-628) (-)



#10

Phenol

Concen: 51.140 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

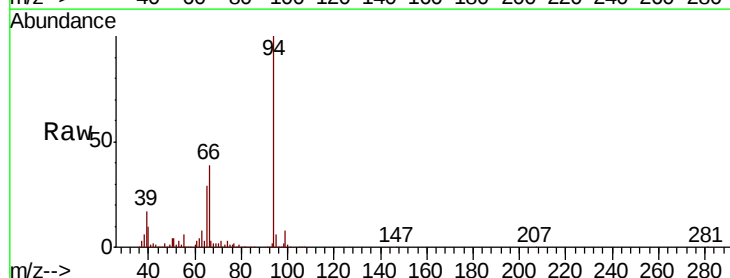
Tgt Ion: 94 Resp: 1018085

Ion Ratio Lower Upper

94 100

65 29.3 9.7 49.7

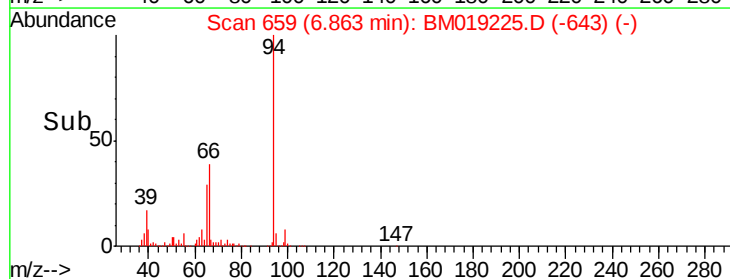
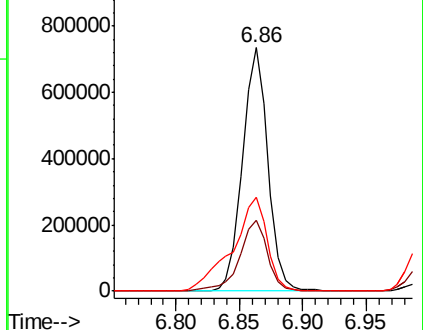
66 38.5 19.2 59.2

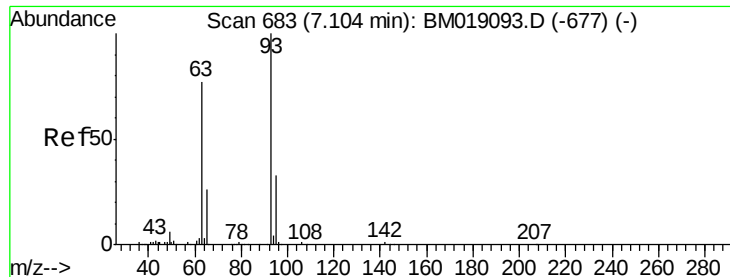


Abundance Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM019093.D (-635) (-)

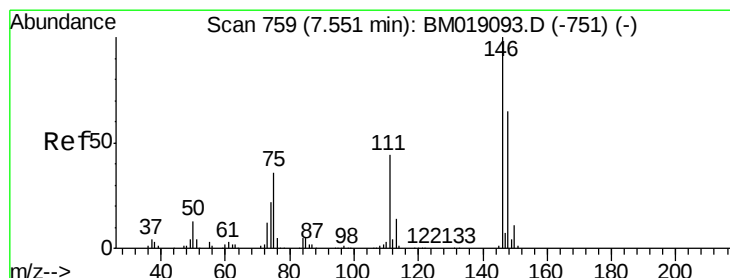
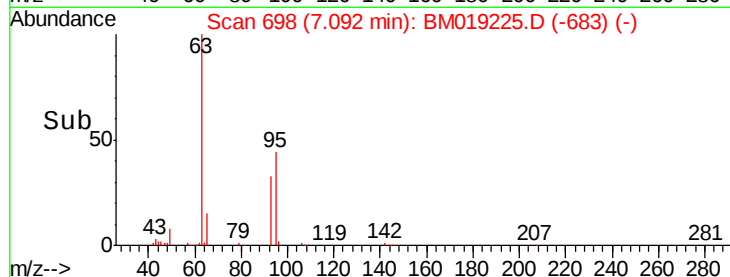
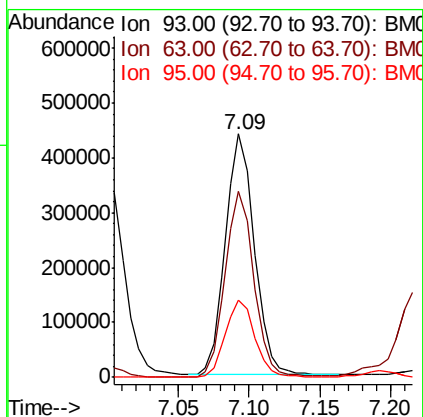
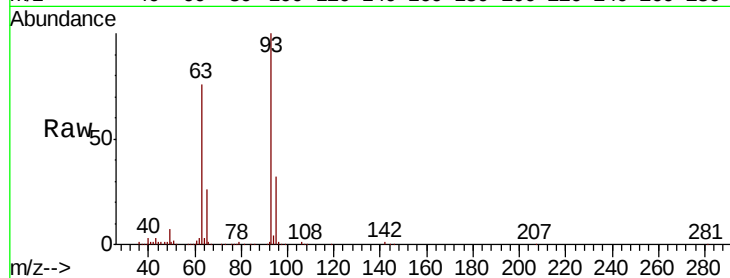




#11
bis(2-Chloroethyl)ether
Concen: 41.446 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

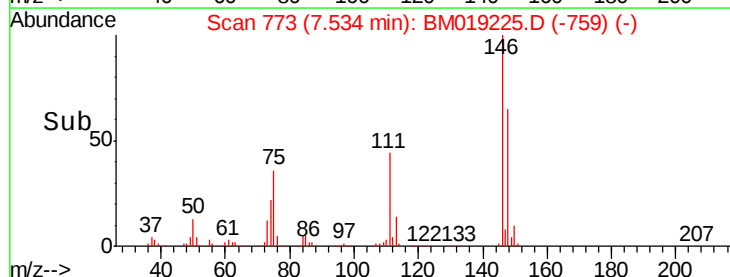
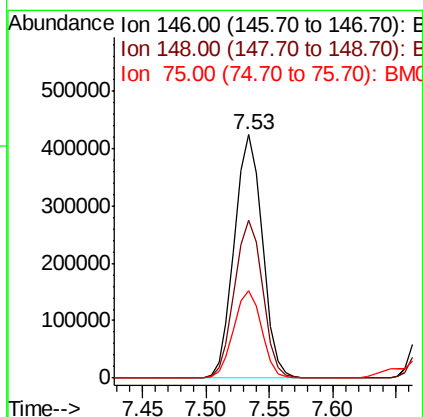
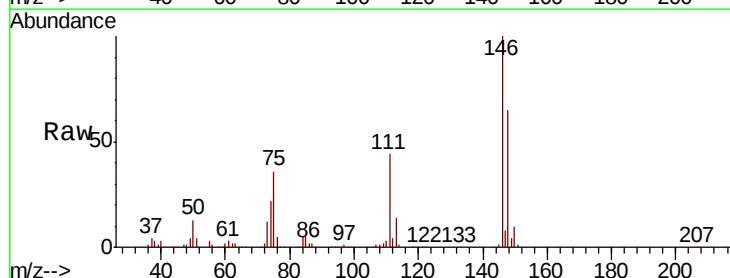
Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

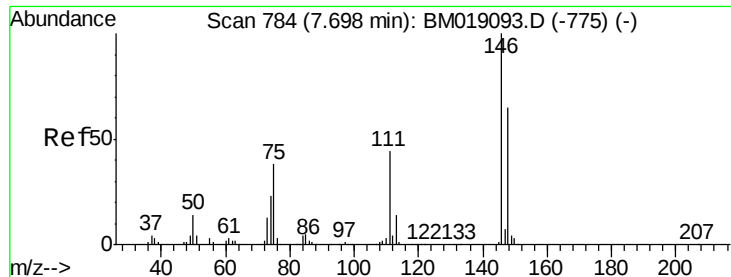
Tgt Ion: 93 Resp: 629595
Ion Ratio Lower Upper
93 100
63 76.4 56.6 96.6
95 31.8 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 40.475 ng
RT: 7.53 min Scan# 773
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion: 146 Resp: 650027
Ion Ratio Lower Upper
146 100
148 64.7 51.7 77.5
75 36.0 29.1 43.7

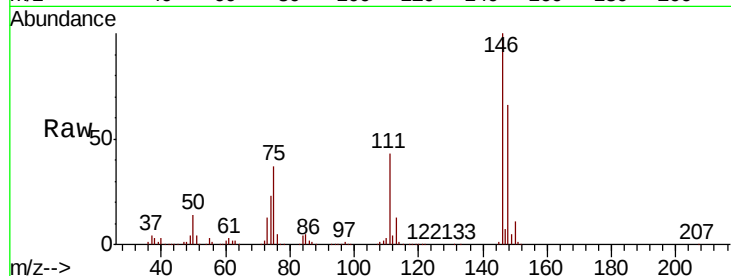




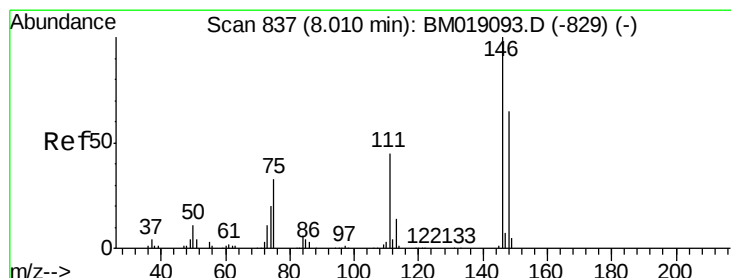
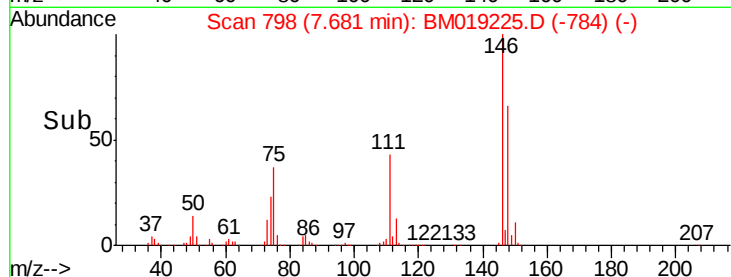
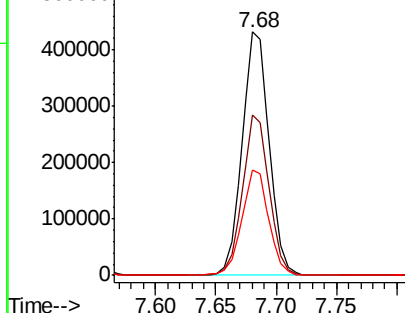
#13
 1,4-Dichlorobenzene
 Concen: 41.175 ng
 RT: 7.68 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Tgt Ion:146 Resp: 674174
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.8 77.6
 111 43.4 35.4 53.0

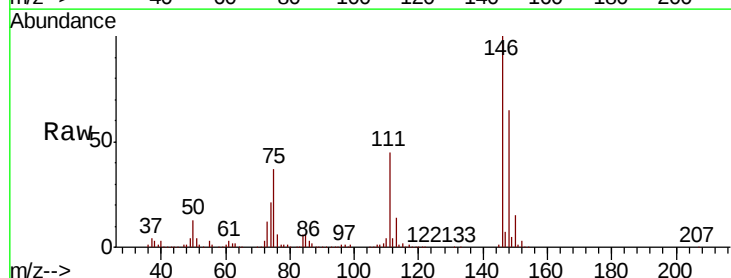


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

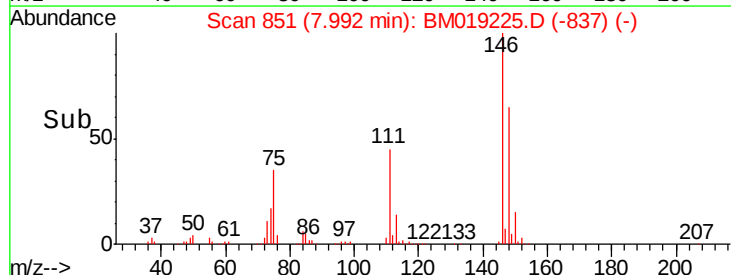
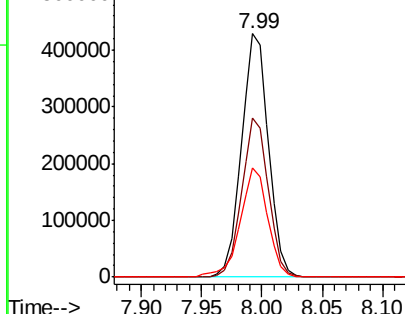


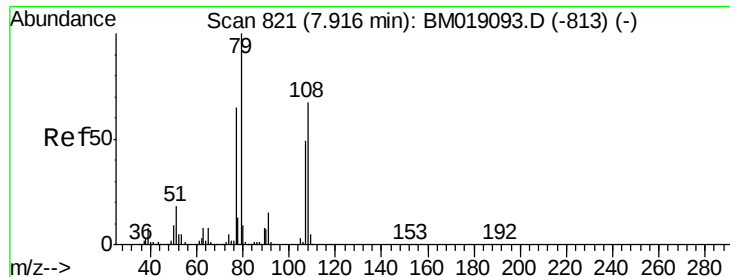
#14
 1,2-Dichlorobenzene
 Concen: 41.843 ng
 RT: 7.99 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion:146 Resp: 666554
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.8 77.6
 111 44.8 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: 44.868 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

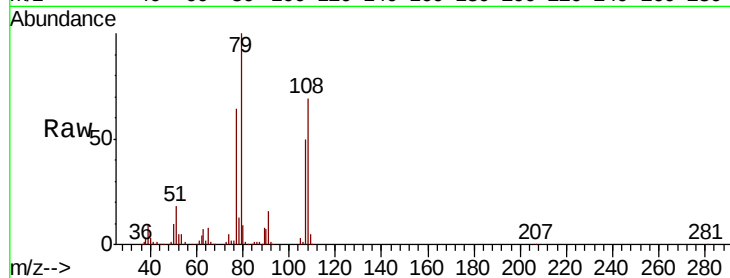
Tgt Ion: 79 Resp: 685954

Ion Ratio Lower Upper

79 100

108 68.8 53.7 80.5

77 64.1 51.8 77.8

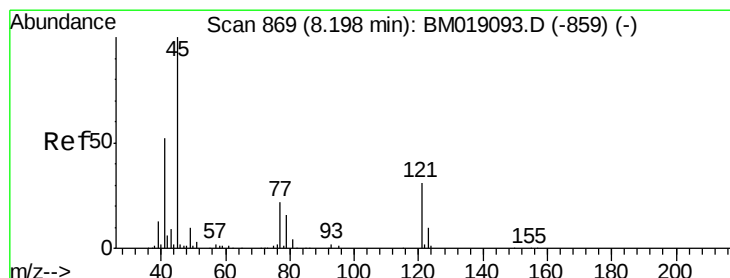
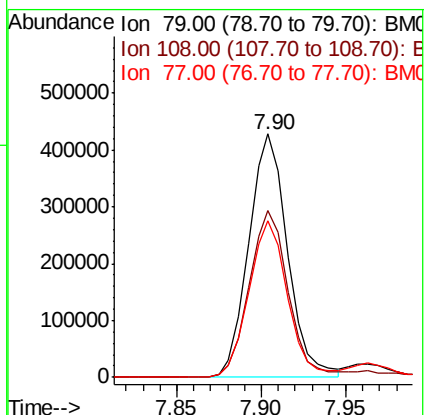
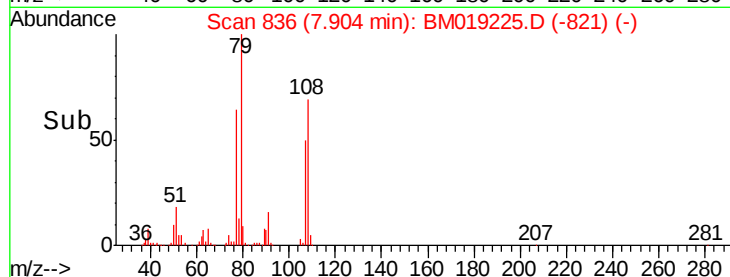


Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-813) (-)

Ion 108.00 (107.70 to 108.70): BM019093.D (-813) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-813) (-)

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.534 ng

RT: 8.18 min Scan# 883

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

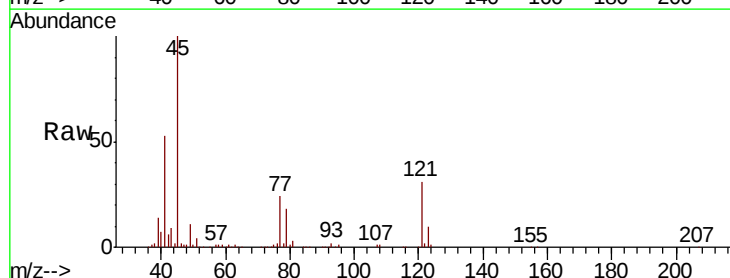
Tgt Ion: 45 Resp: 628721

Ion Ratio Lower Upper

45 100

77 23.9 4.1 44.1

79 18.2 0.0 38.1

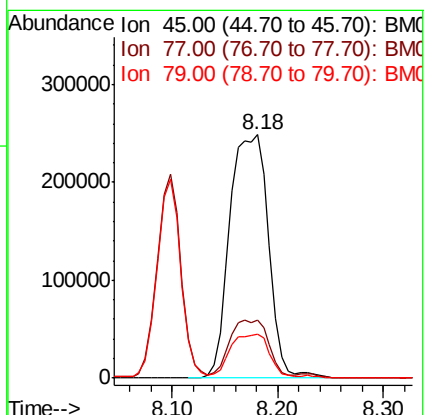
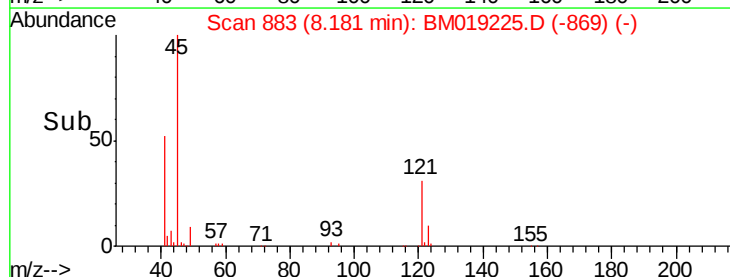


Abundance Ion 45.00 (44.70 to 45.70): BM019093.D (-859) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-859) (-)

Ion 79.00 (78.70 to 79.70): BM019093.D (-859) (-)

Time-->

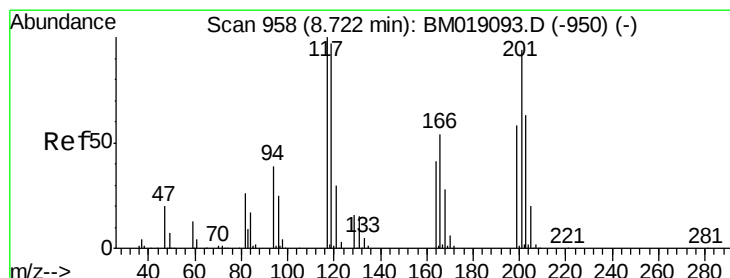
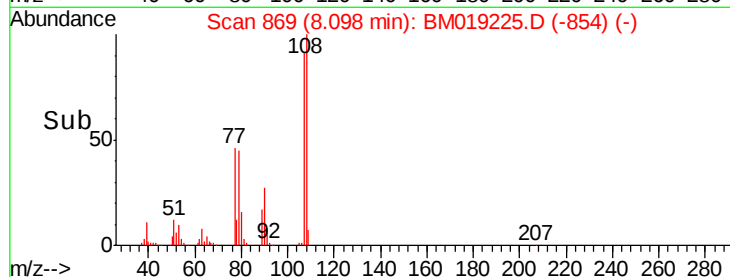
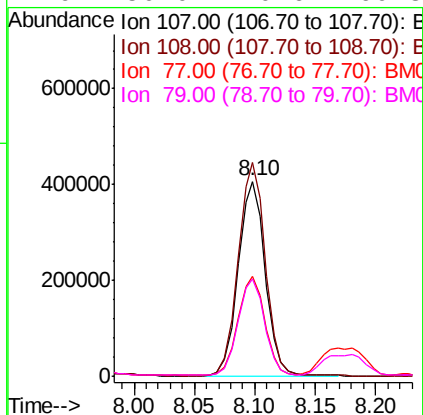
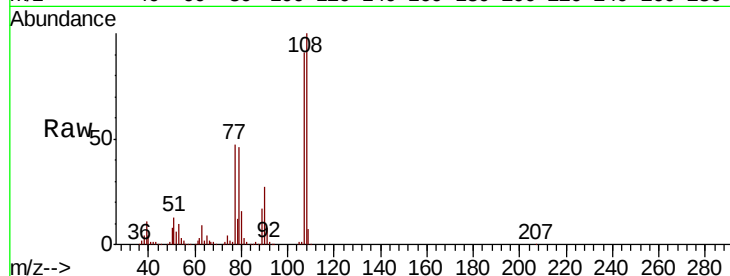




#17
2-Methylphenol
Concen: 48.891 ng
RT: 8.10 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

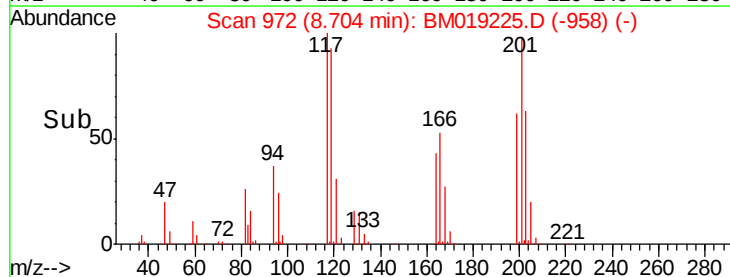
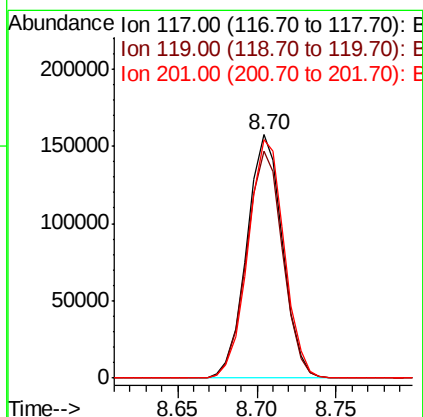
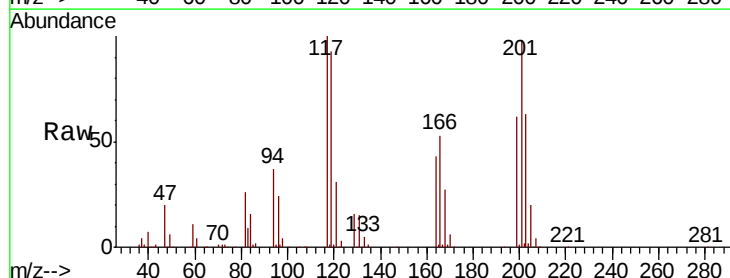
Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

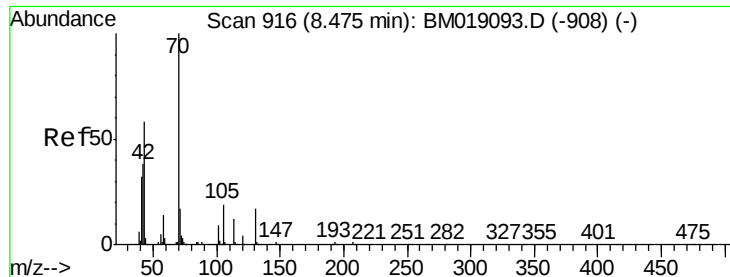
Tgt Ion:	107	Resp:	634252
Ion	Ratio	Lower	Upper
107	100		
108	109.6	87.4	131.2
77	51.4	41.6	62.4
79	50.0	40.6	60.8



#18
Hexachloroethane
Concen: 40.436 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion:	117	Resp:	246015
Ion	Ratio	Lower	Upper
117	100		
119	93.3	77.4	116.2
201	98.2	75.2	112.8

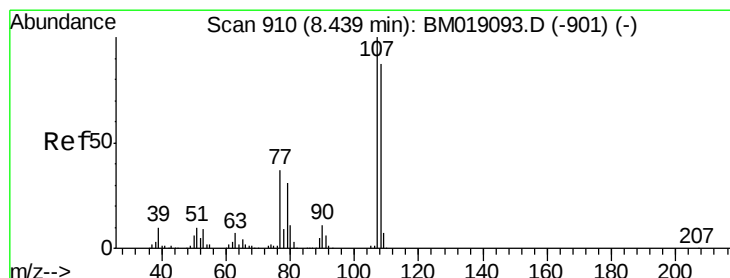
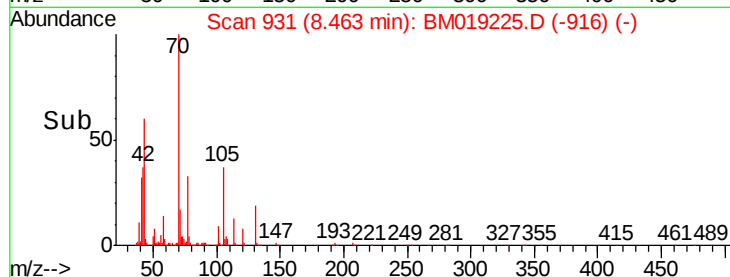
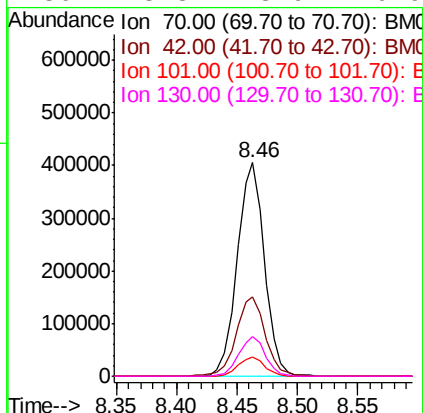
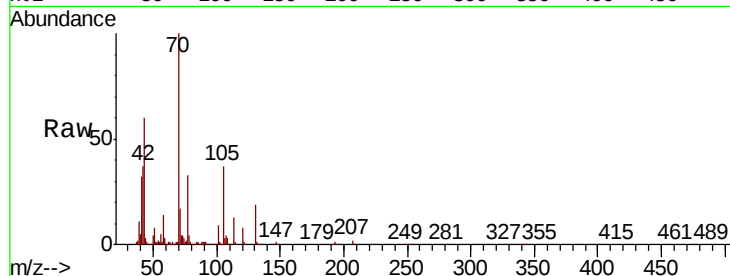




#19
n-Nitroso-di-n-propylamine
Concen: 42.092 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

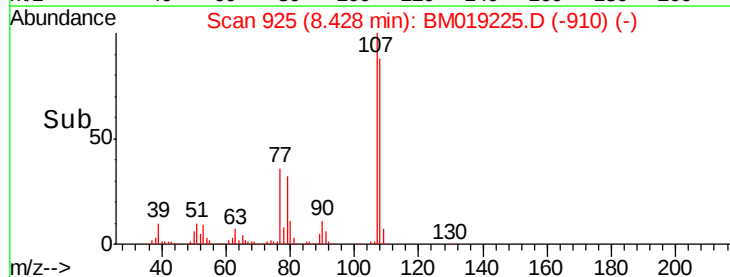
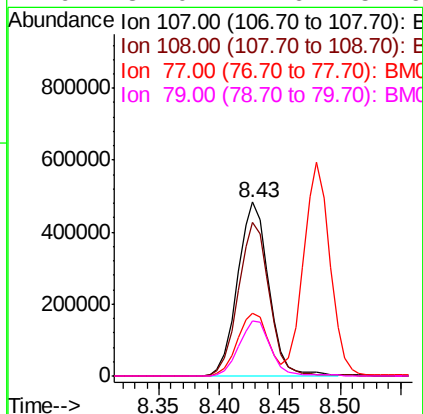
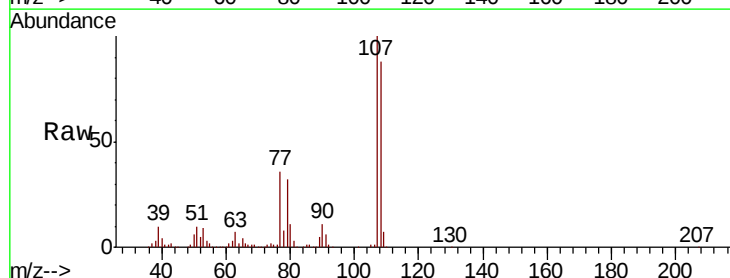
Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

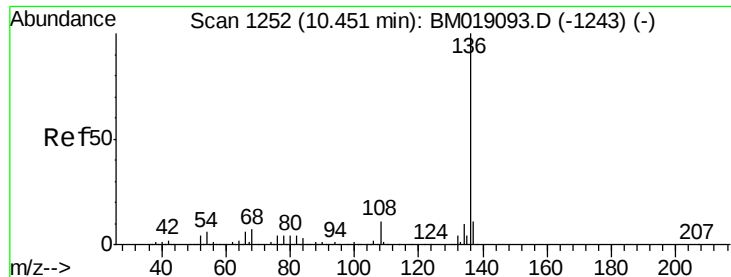
Tgt Ion:	70	Resp:	637882
Ion	Ratio	Lower	Upper
70	100		
42	37.2	30.6	45.8
101	8.9	6.8	10.2
130	18.8	13.9	20.9



#20
3+4-Methylphenols
Concen: 49.440 ng
RT: 8.43 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion:	107	Resp:	870593
Ion	Ratio	Lower	Upper
107	100		
108	88.0	67.0	107.0
77	35.9	17.3	57.3
79	32.0	11.6	51.6

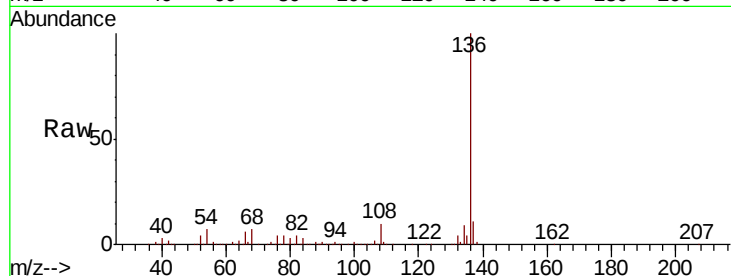




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tgt Ion:	136	Resp:	912773
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.6	5.2	7.8
68	7.2	5.8	8.8



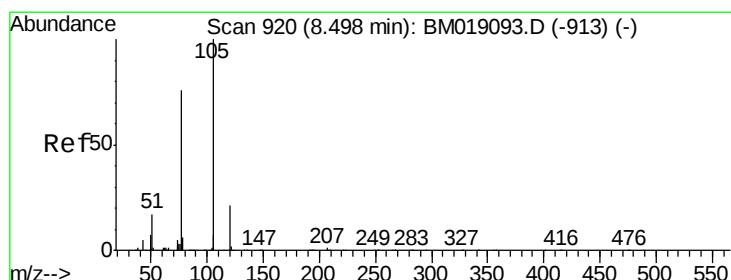
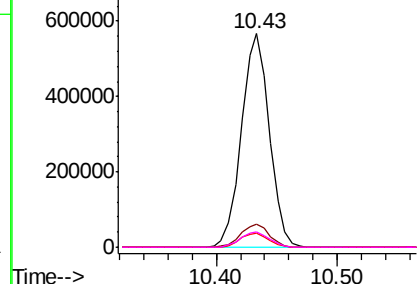
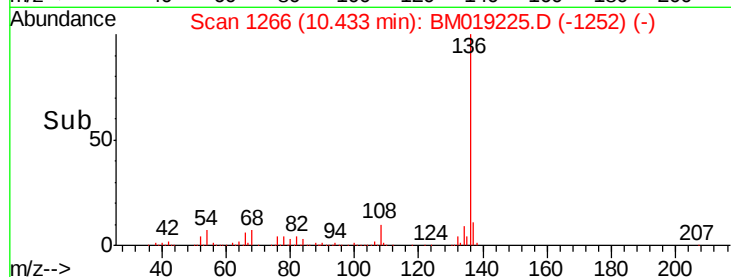
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

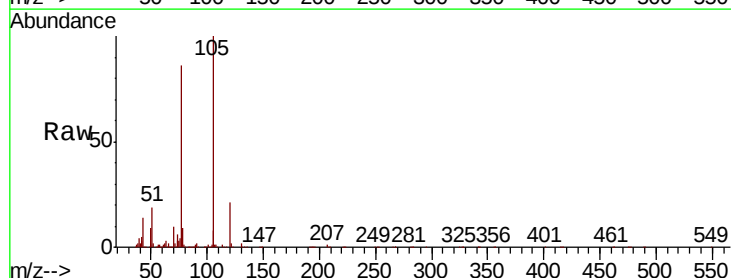
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 42.410 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion:	105	Resp:	1069798
Ion	Ratio	Lower	Upper
105	100		
71	1.8	0.8	1.2#
51	19.4	15.8	23.6
120	21.2	17.0	25.4



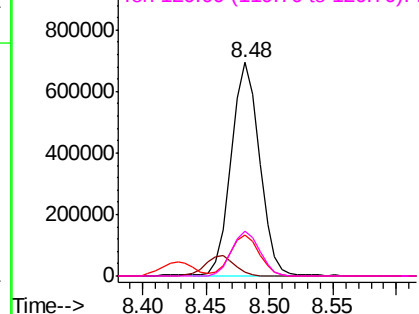
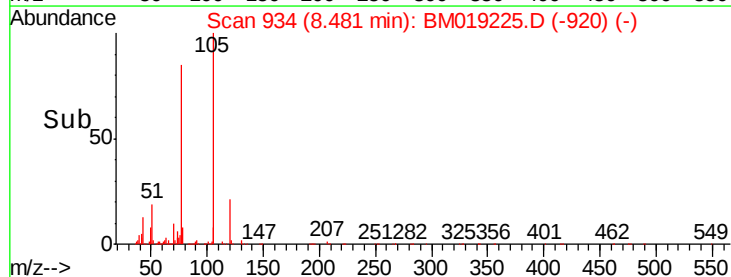
Abundance

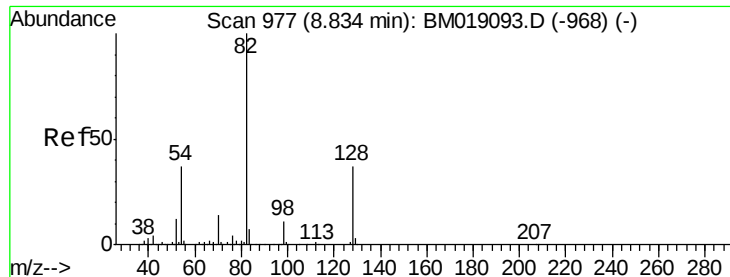
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

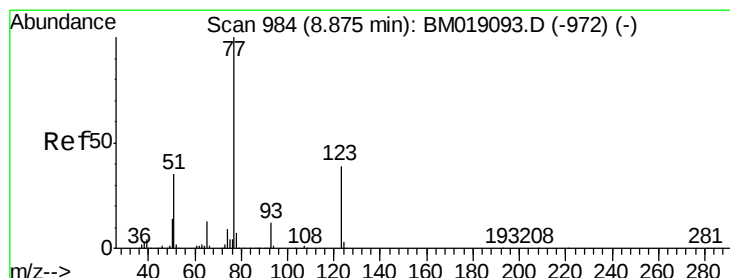
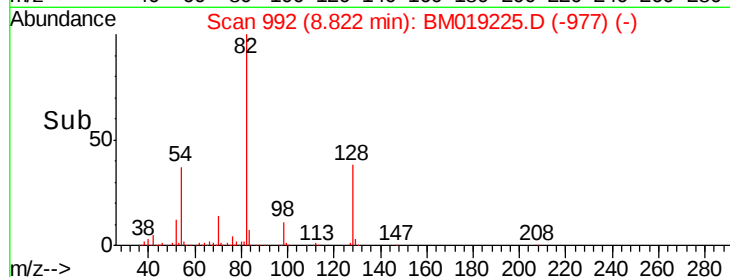
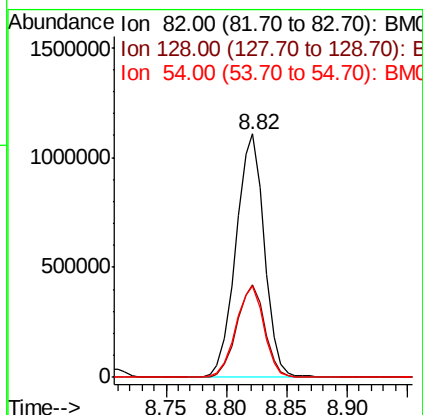
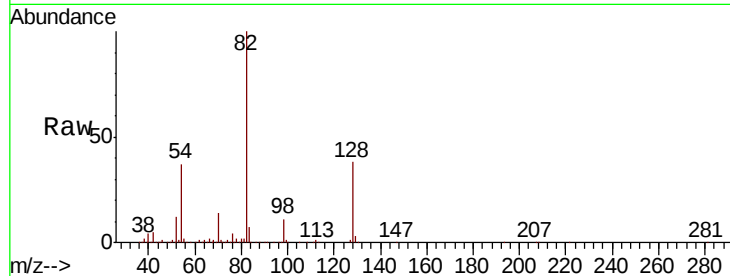




#23
 Nitrobenzene-d5
 Concen: 94.129 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

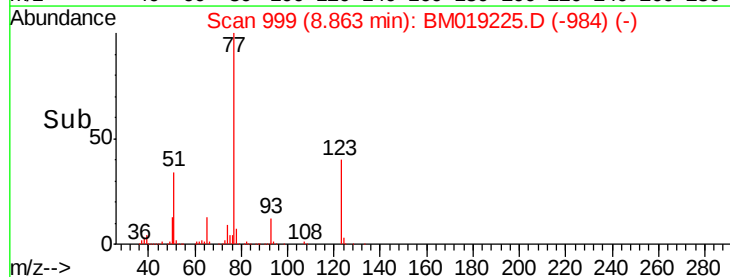
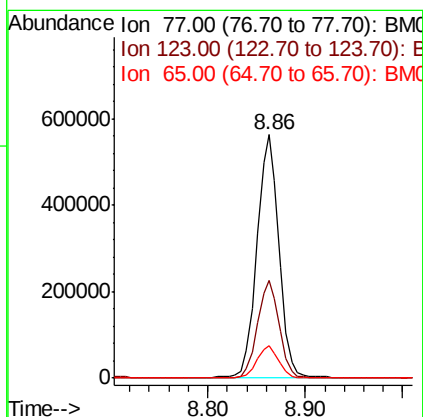
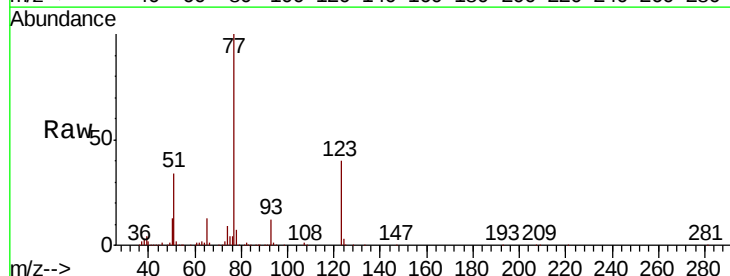
Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

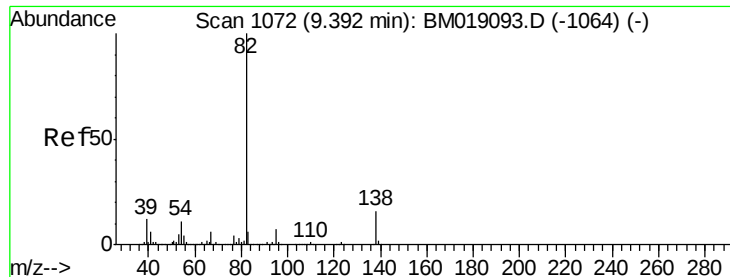
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.4	44.2
54	37.4	29.9	44.9



#24
 Nitrobenzene
 Concen: 44.475 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.2	31.3	46.9
65	13.1	10.5	15.7

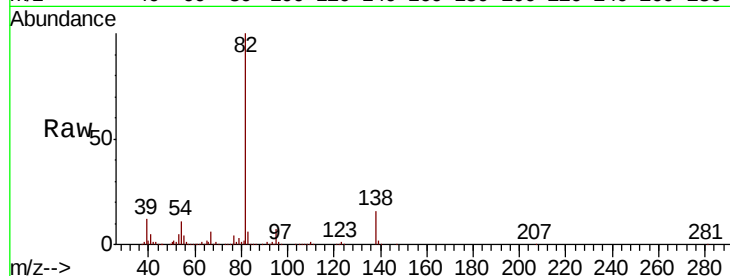




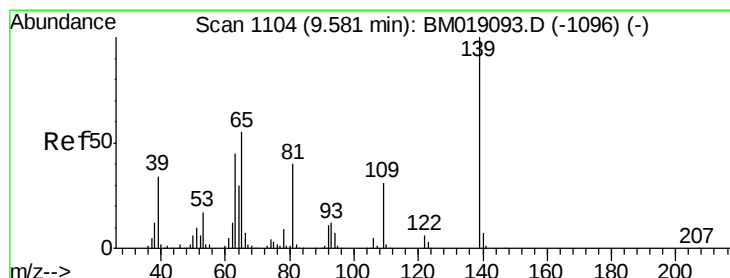
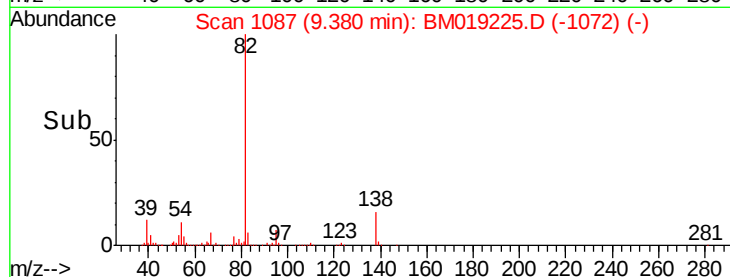
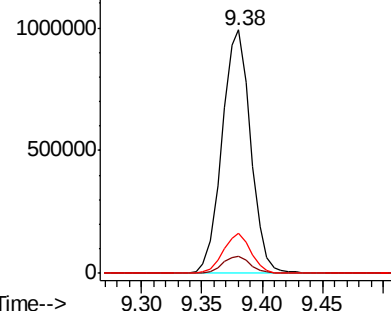
#25
Isophorone
Concen: 44.532 ng
RT: 9.38 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tgt Ion: 82 Resp: 1640829
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 16.5 12.6 18.8

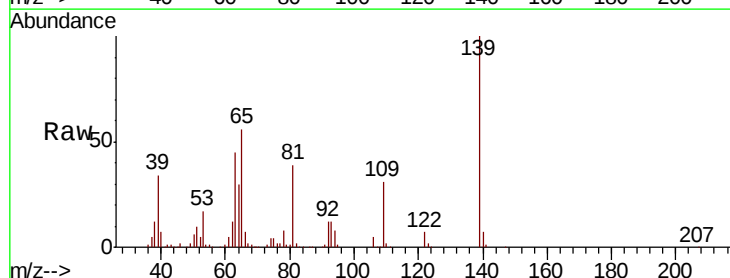


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

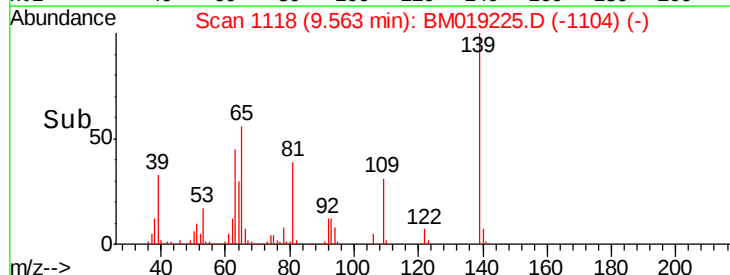
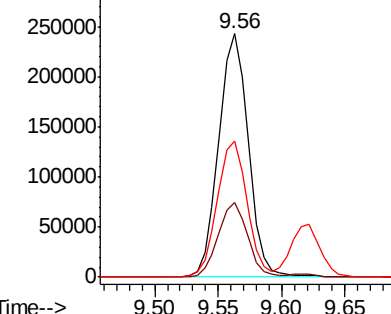


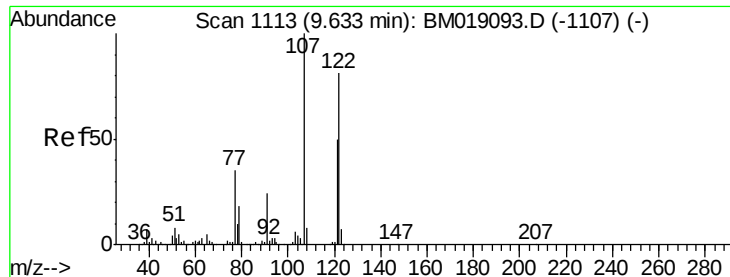
#26
2-Nitrophenol
Concen: 47.279 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion: 139 Resp: 393565
Ion Ratio Lower Upper
139 100
109 30.6 24.5 36.7
65 56.1 44.4 66.6



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

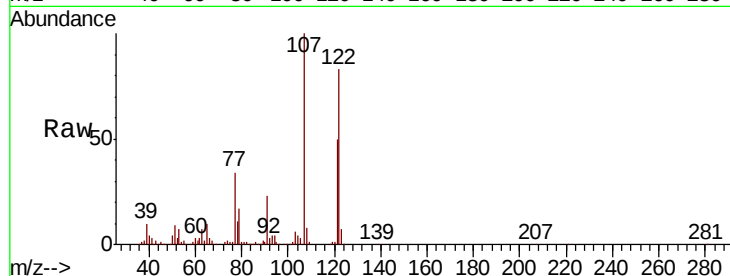




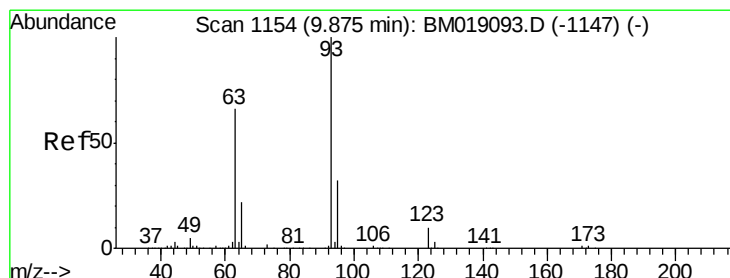
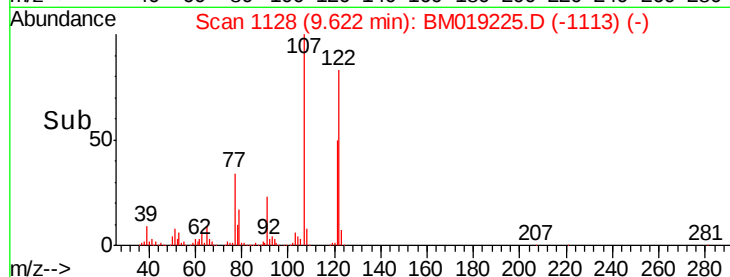
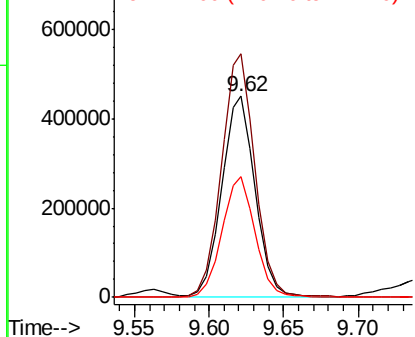
#27
2,4-Dimethylphenol
Concen: 56.508 ng
RT: 9.62 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.9	98.2	147.4
121	60.2	48.8	73.2

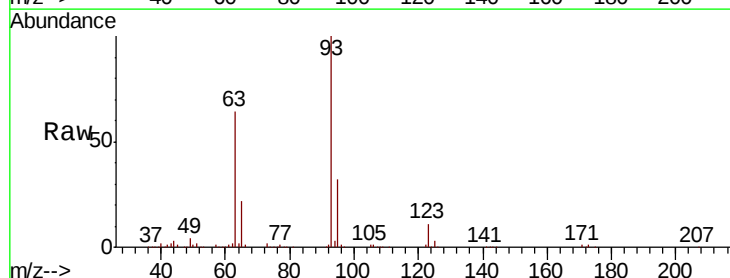


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

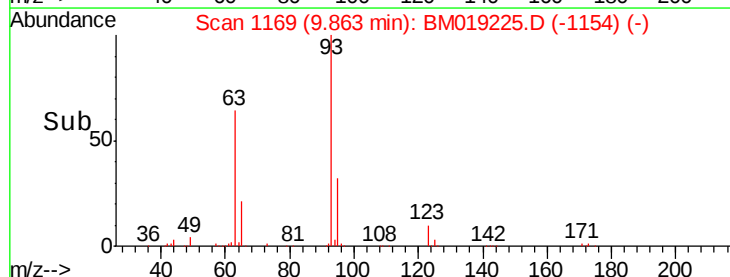
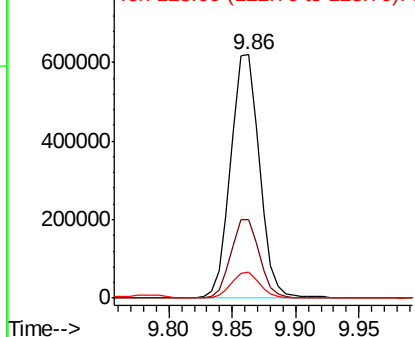


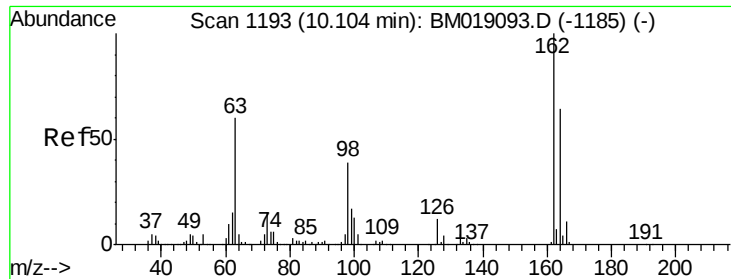
#28
bis(2-Chloroethoxy)methane
Concen: 44.842 ng
RT: 9.86 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.8
123	10.7	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

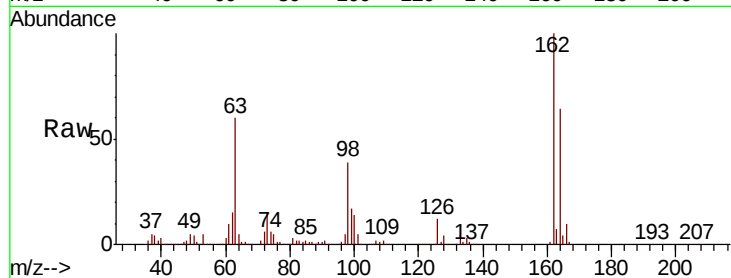




#29
 2,4-Dichlorophenol
 Concen: 52.618 ng
 RT: 10.09 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.5	83.5
98	39.4	19.1	59.1

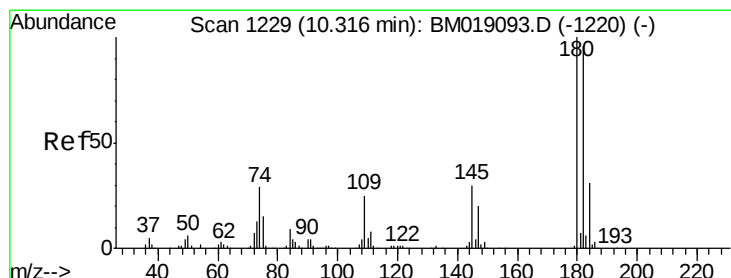
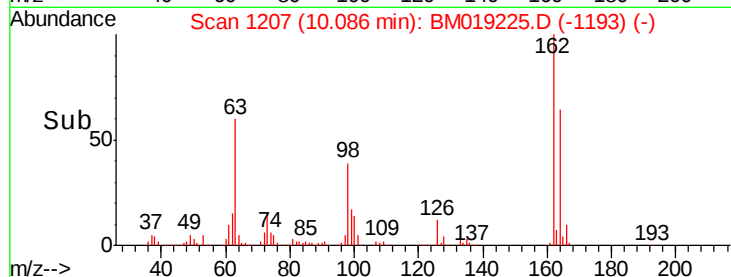
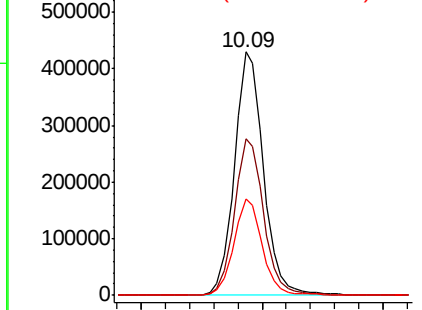


Abundance

Ion 162.00 (161.70 to 162.70): E

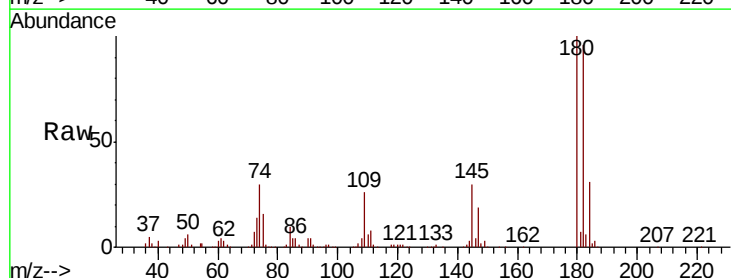
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 45.647 ng
 RT: 10.29 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.6	114.8
145	30.5	24.3	36.5

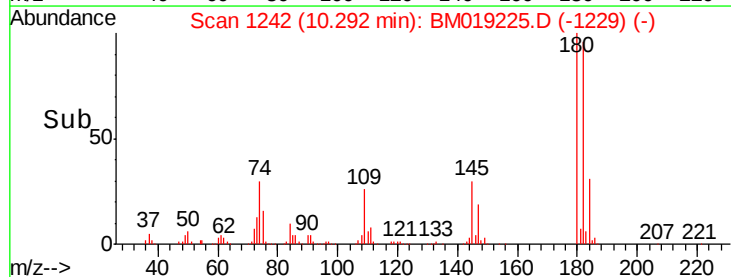
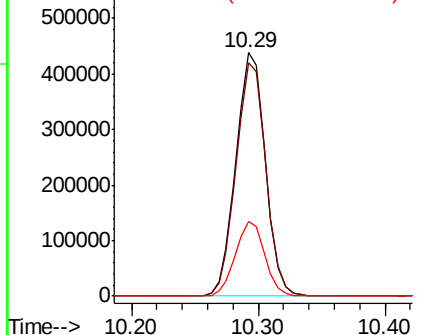


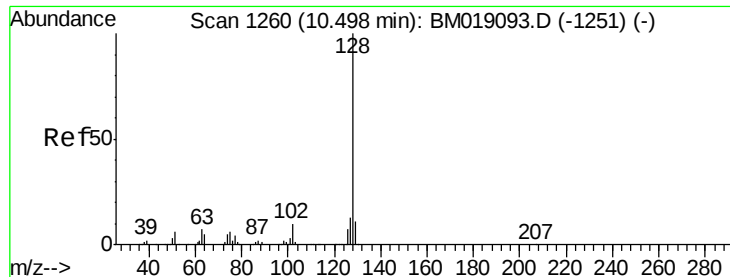
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

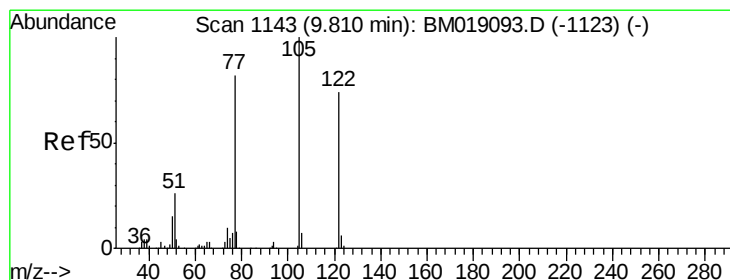
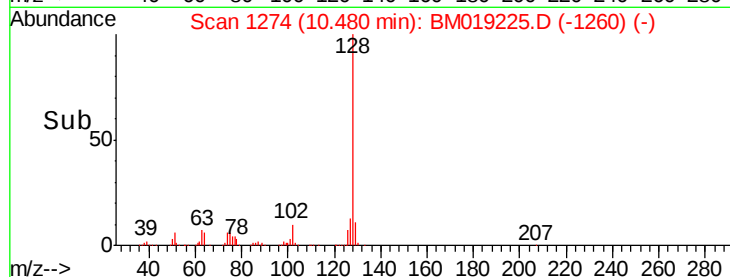
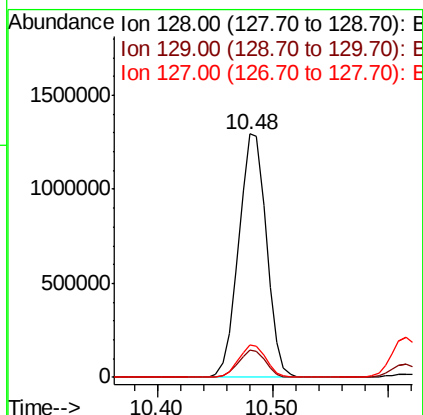
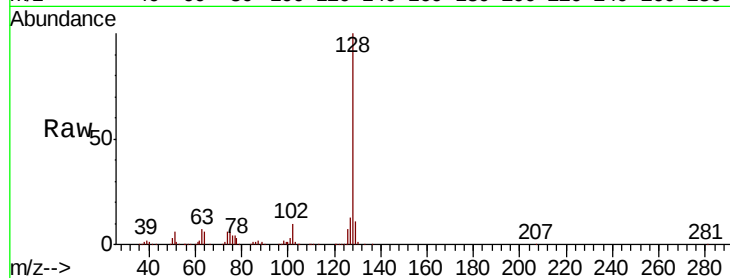




#31
Naphthalene
Concen: 44.979 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

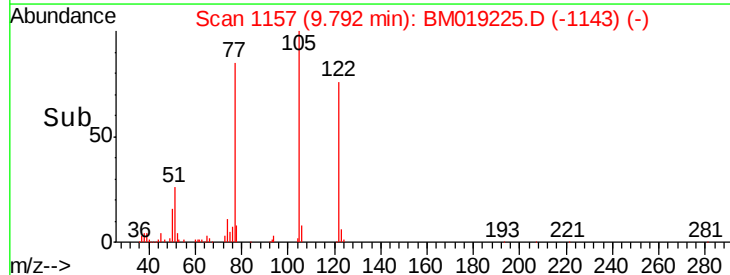
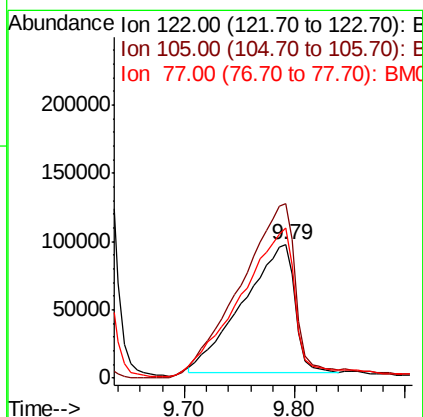
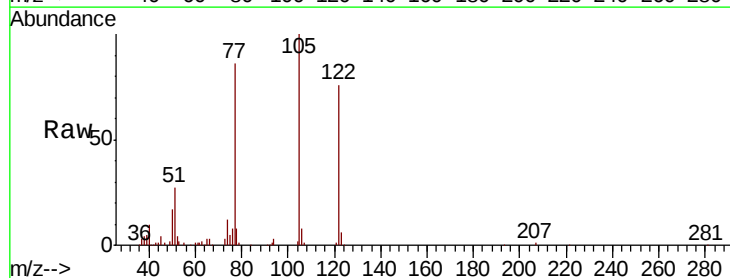
Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

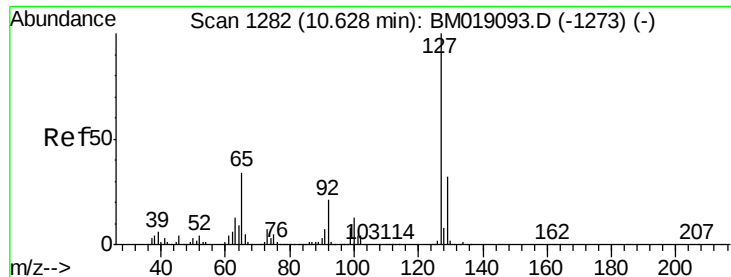
Tgt Ion:128 Resp: 2163933
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 29.240 ng
RT: 9.79 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion:122 Resp: 306458
Ion Ratio Lower Upper
122 100
105 130.8 113.0 153.0
77 112.8 90.1 130.1

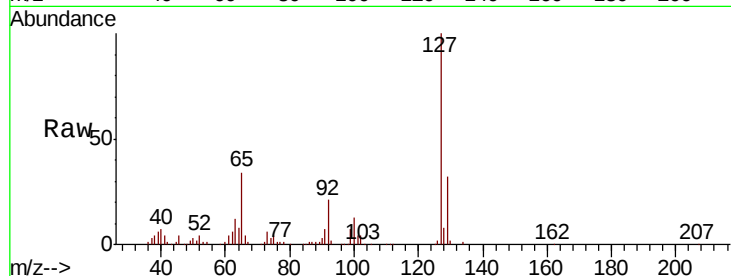




#33
4-Chloroaniline
Concen: 20.849 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tgt Ion:	127	Resp:	411175
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.3	37.9
65	34.1	27.4	41.2
92	21.2	16.8	25.2



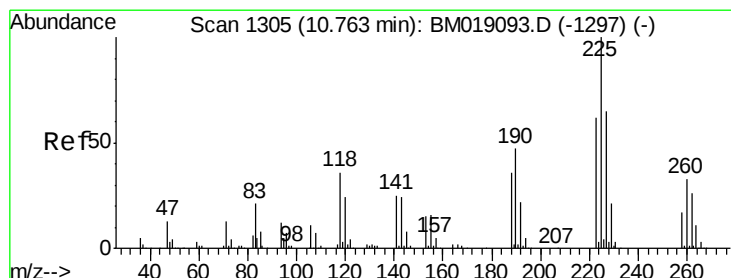
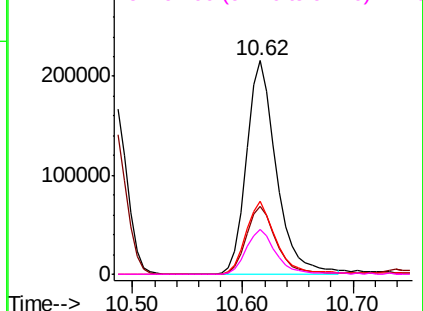
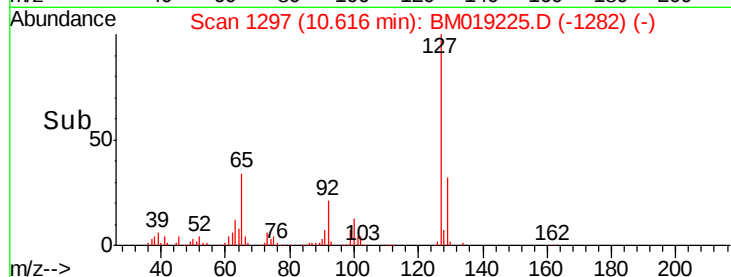
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

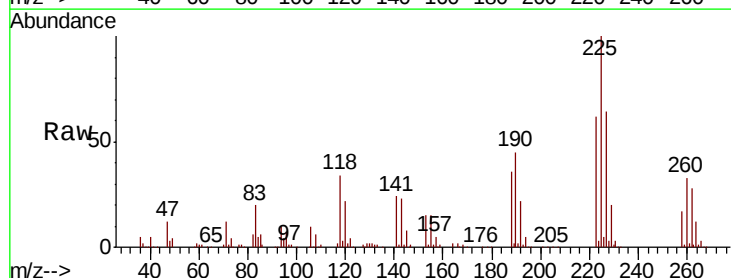
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 41.730 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion:	225	Resp:	370103
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.4	74.0
227	63.8	51.6	77.4

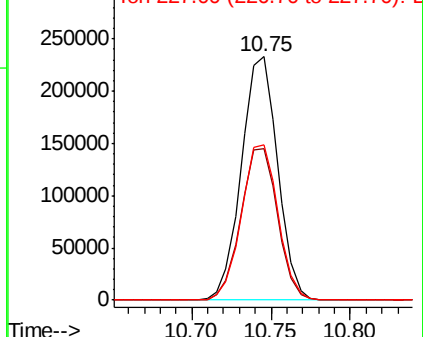
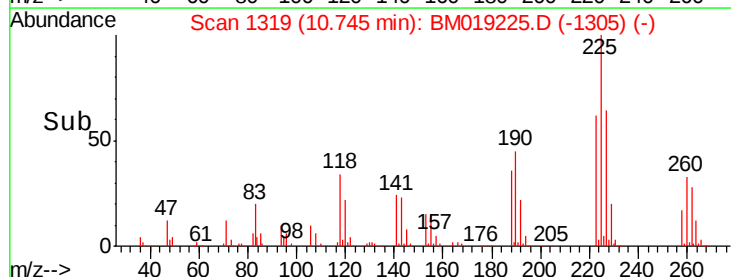


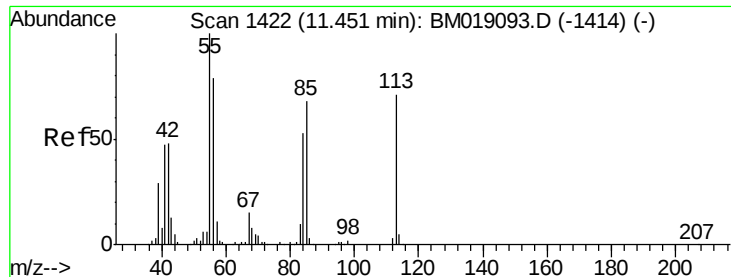
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

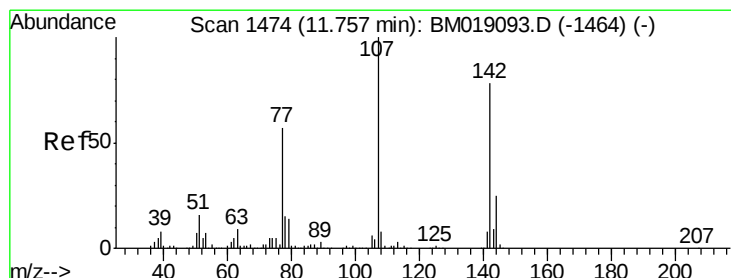
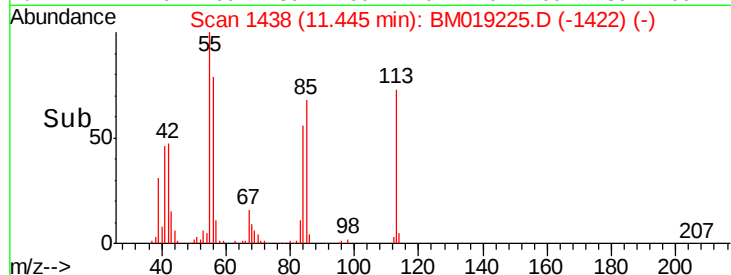
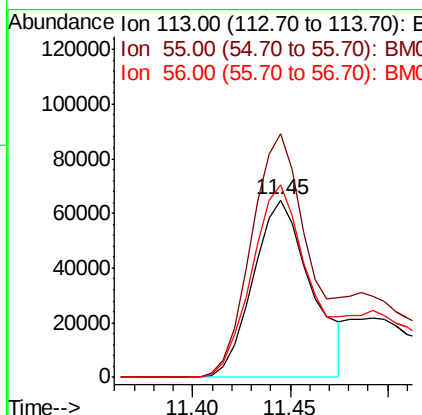
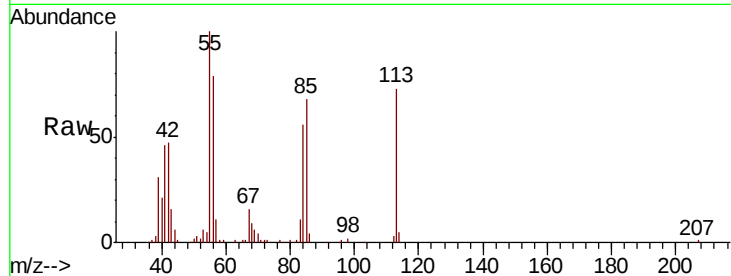




#35
 Caprolactam
 Concen: 27.314 ng
 RT: 11.45 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

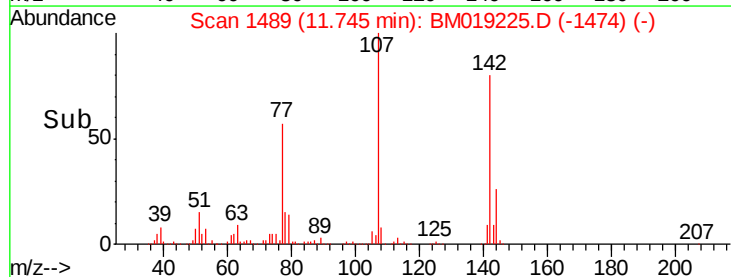
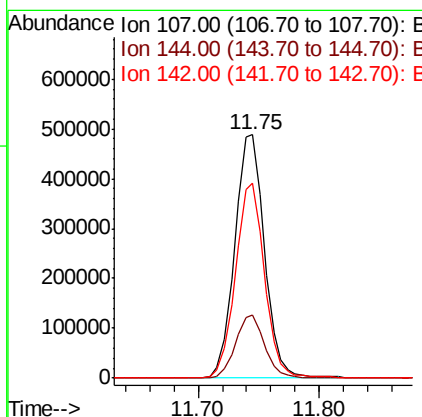
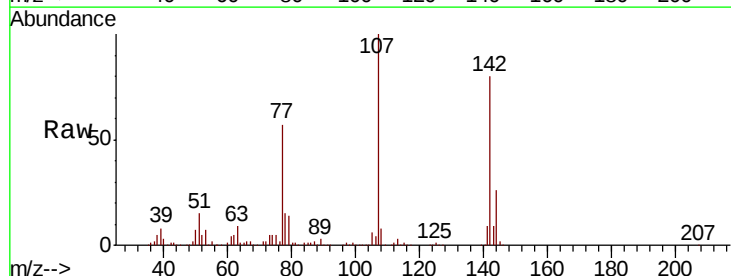
Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

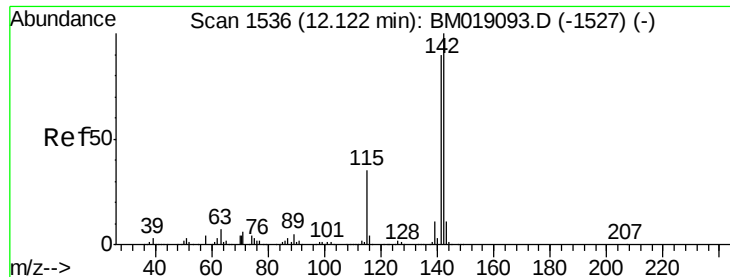
Tgt Ion:113 Resp: 133357
 Ion Ratio Lower Upper
 113 100
 55 137.3 120.1 160.1
 56 108.3 90.1 130.1



#36
 4-Chloro-3-methylphenol
 Concen: 49.635 ng
 RT: 11.75 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion:107 Resp: 839410
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.2 30.4
 142 80.3 62.4 93.6

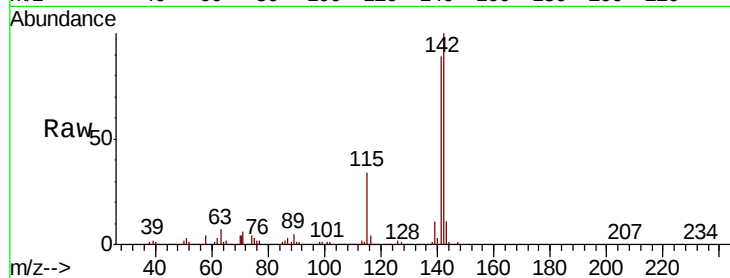




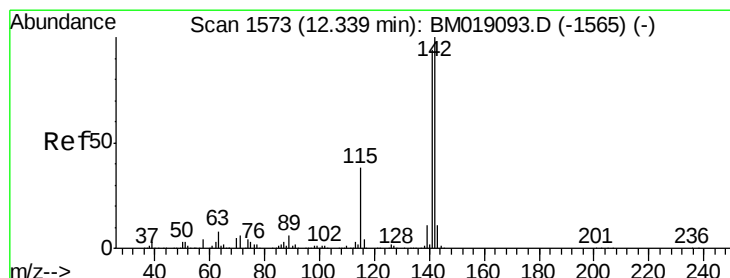
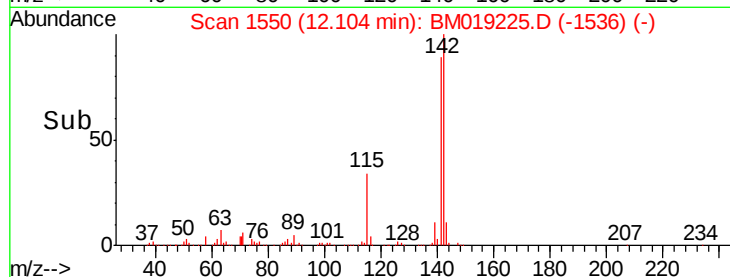
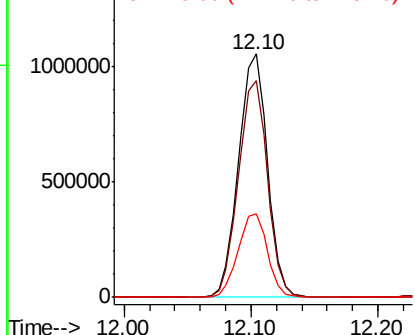
#37
 2-Methylnaphthalene
 Concen: 47.733 ng
 RT: 12.10 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Tgt Ion:142 Resp: 1668749
 Ion Ratio Lower Upper
 142 100
 141 88.8 72.3 108.5
 115 34.4 27.8 41.8

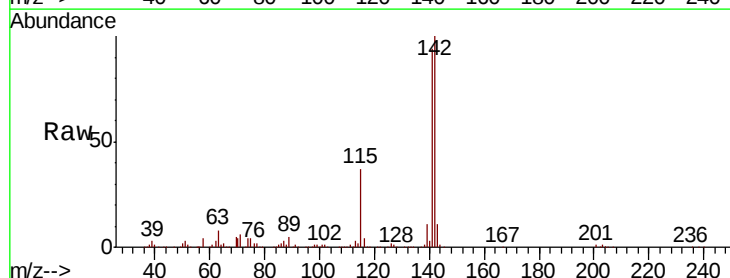


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

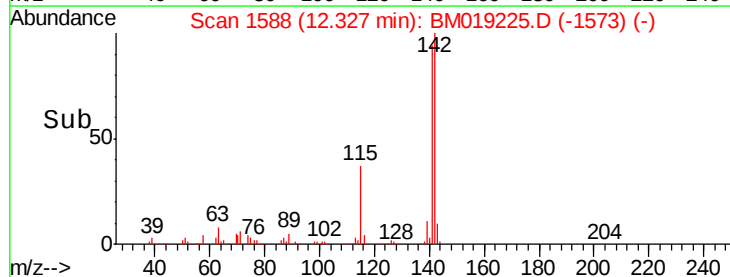
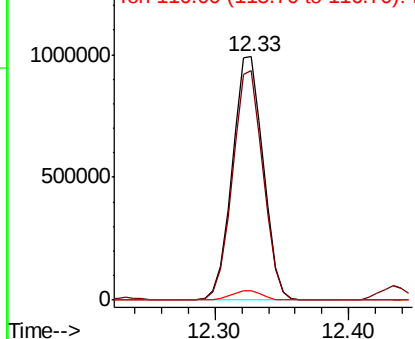


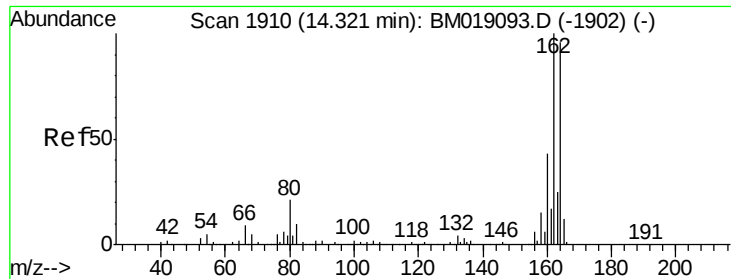
#38
 1-Methylnaphthalene
 Concen: 46.346 ng
 RT: 12.33 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion:142 Resp: 1597035
 Ion Ratio Lower Upper
 142 100
 141 94.2 74.9 112.3
 116 3.6 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: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

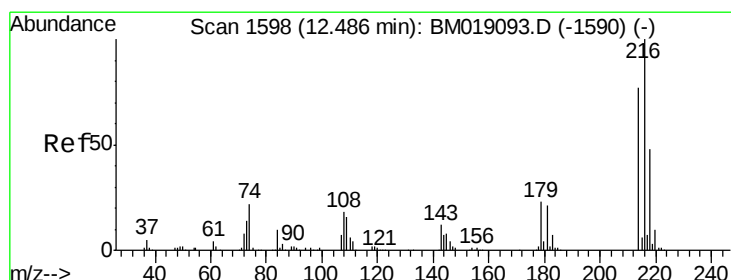
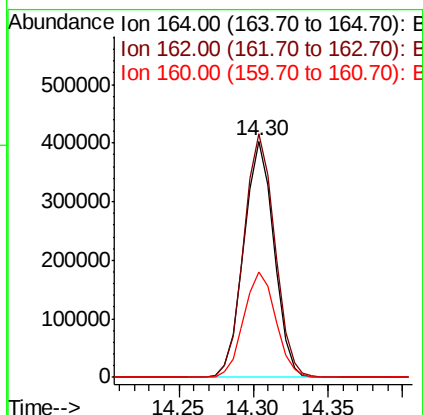
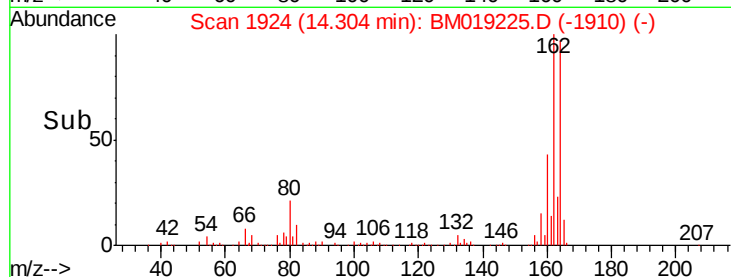
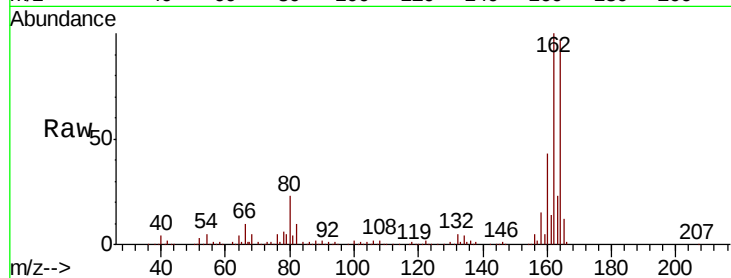
Tgt Ion:164 Resp: 564810

Ion Ratio Lower Upper

164 100

162 103.1 83.5 125.3

160 44.8 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.041 ng

RT: 12.47 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Tgt Ion:216 Resp: 804718

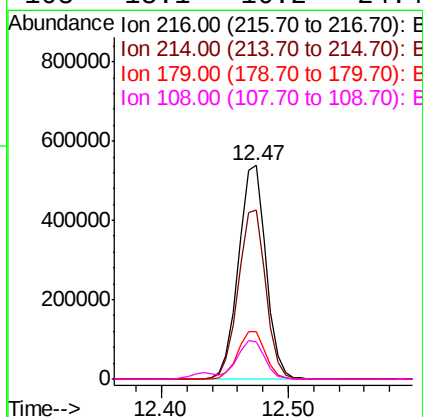
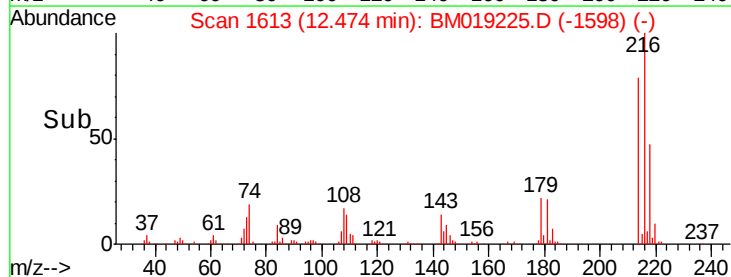
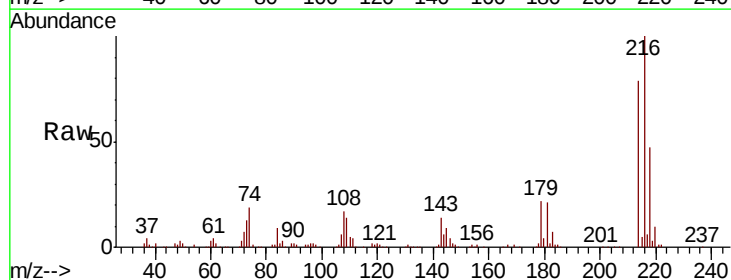
Ion Ratio Lower Upper

216 100

214 79.1 62.9 94.3

179 22.4 18.0 27.0

108 18.1 16.2 24.4





#41

Hexachlorocyclopentadiene

Concen: 83.416 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

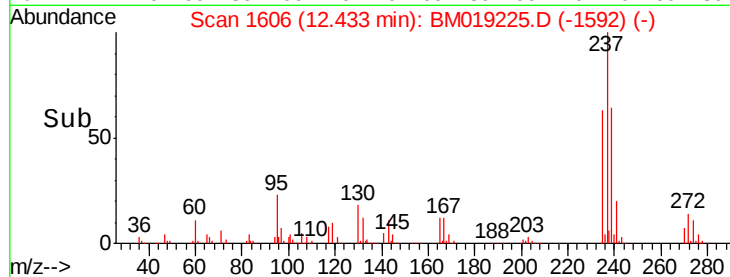
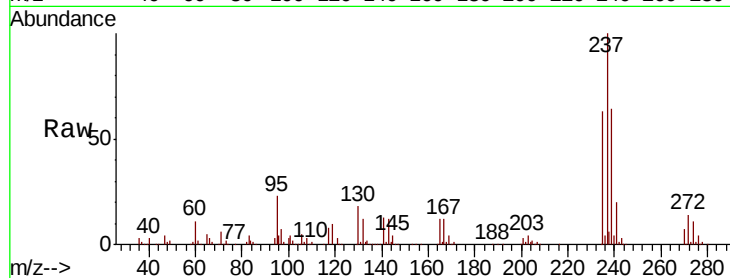
Tgt Ion:237 Resp: 675068

Ion Ratio Lower Upper

237 100

235 62.6 41.3 81.3

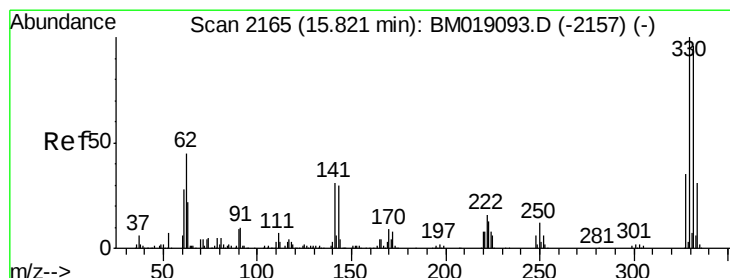
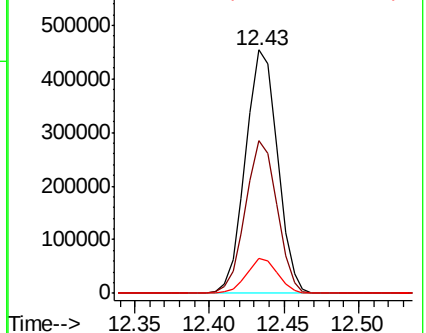
272 14.1 0.0 33.1



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: 157.889 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

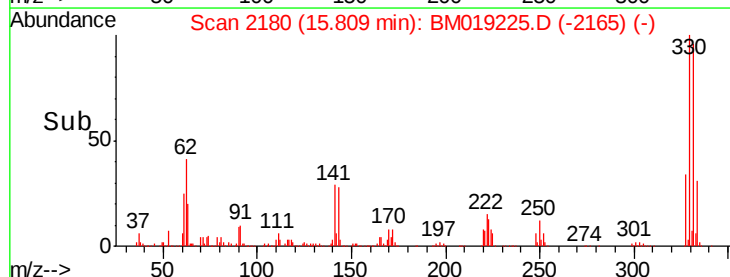
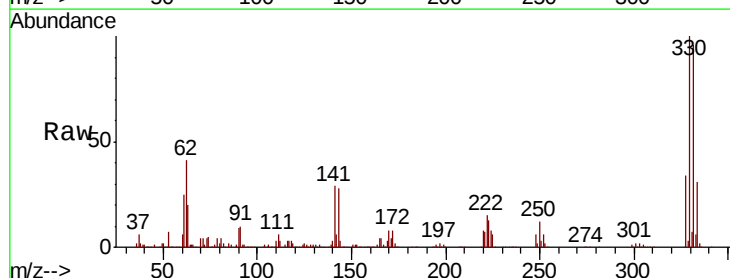
Tgt Ion:330 Resp: 1316674

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

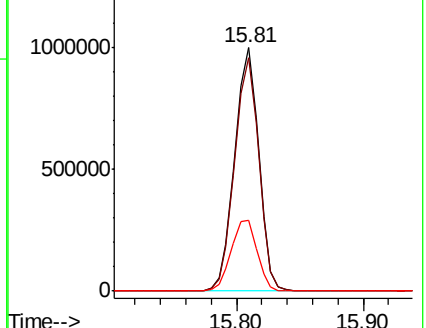
141 31.6 27.0 40.4



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

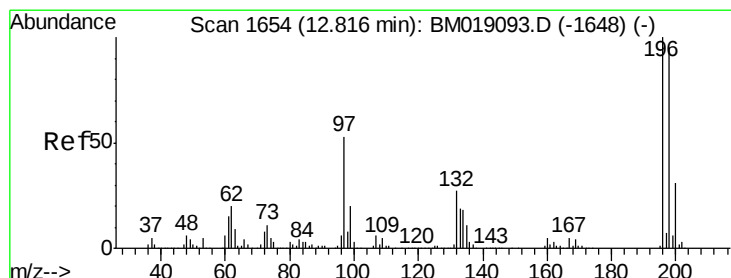
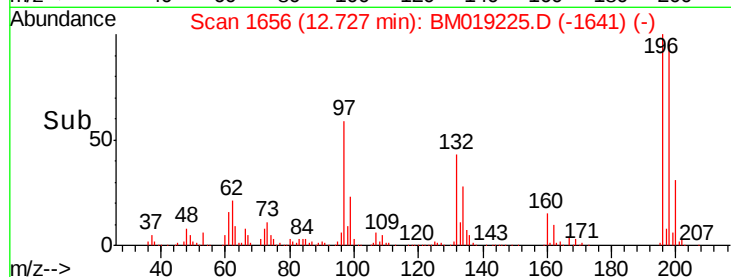
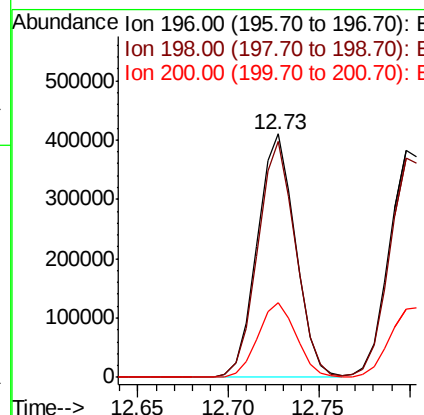
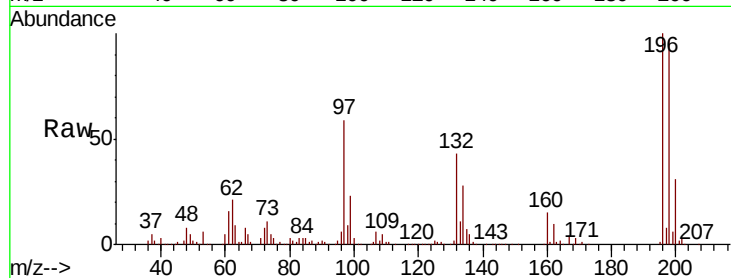




#43
 2,4,6-Trichlorophenol
 Concen: 52.005 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

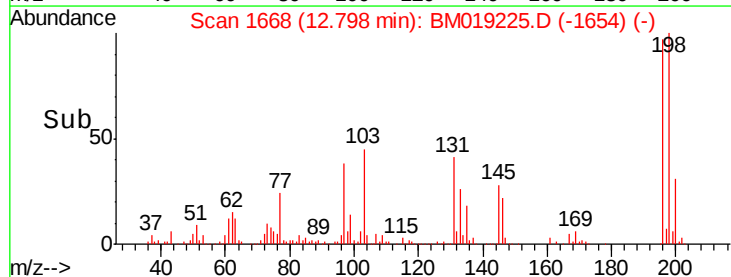
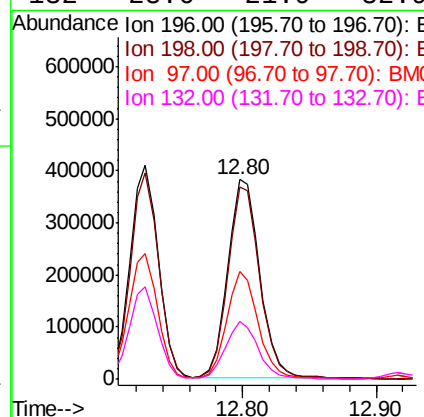
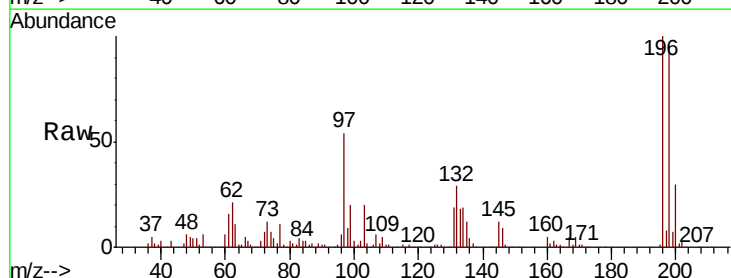
Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

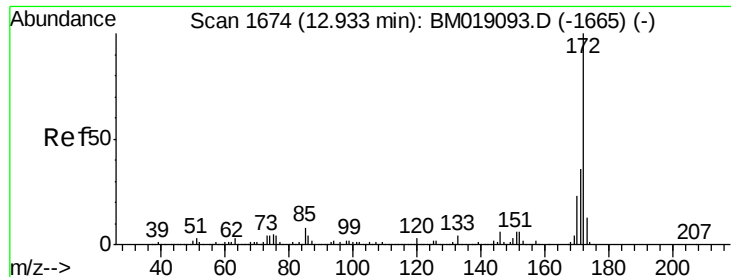
Tgt Ion:196 Resp: 600447
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.4 113.0
 200 30.6 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 51.661 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion:196 Resp: 637835
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.9 113.9
 97 54.0 42.5 63.7
 132 28.6 21.9 32.9

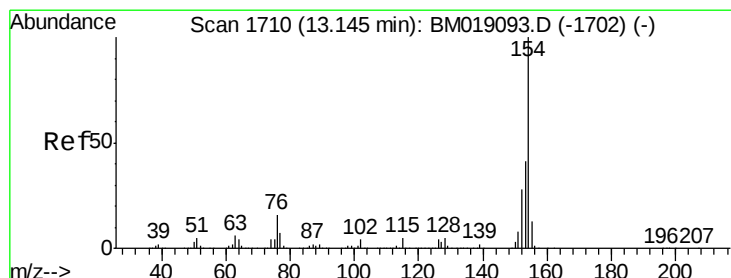
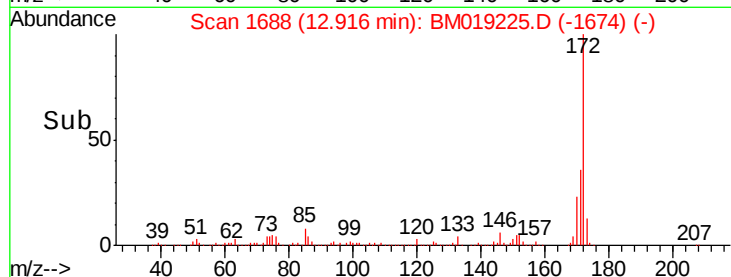
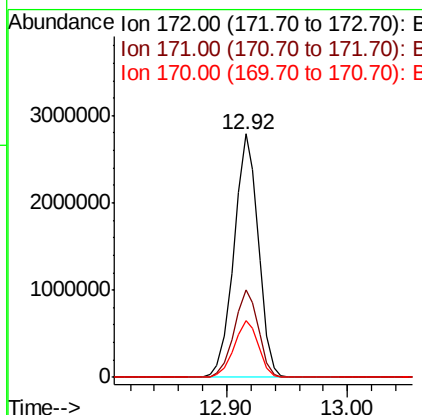
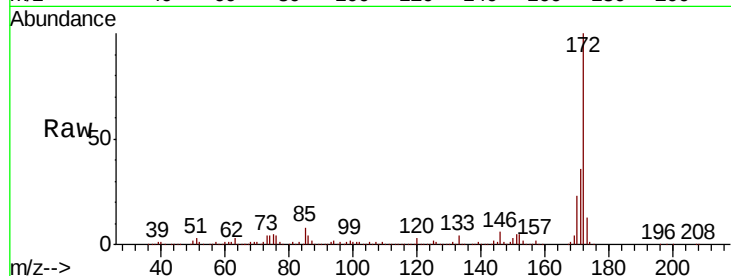




#45
2-Fluorobiphenyl
Concen: 89.982 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

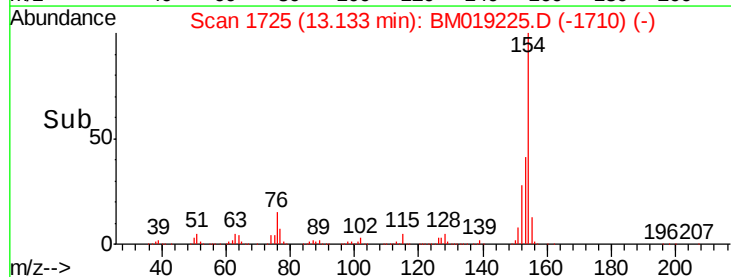
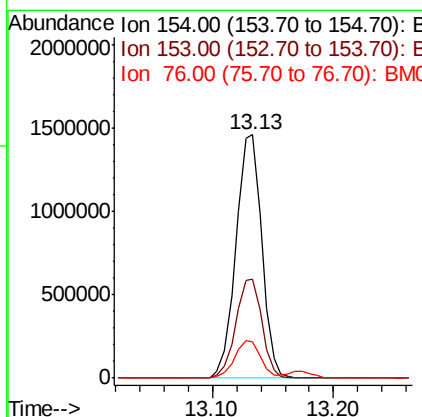
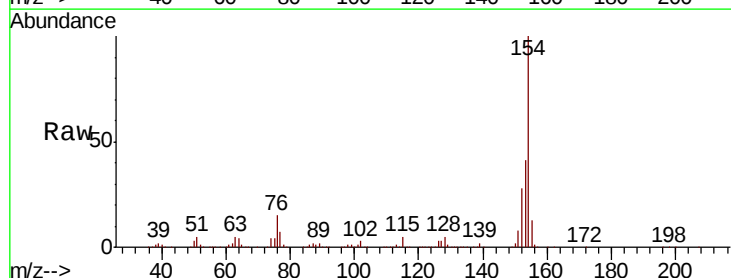
Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

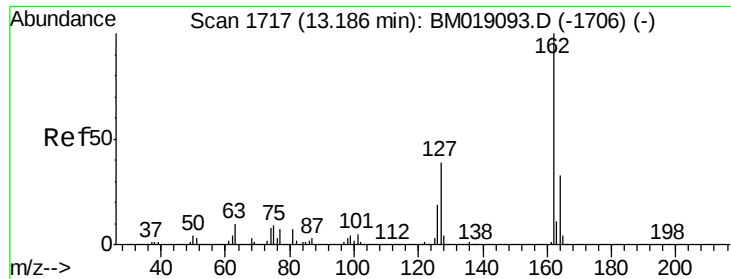
Tgt Ion:172 Resp: 3907138
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 23.0 18.6 28.0



#46
1,1'-Biphenyl
Concen: 44.026 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion:154 Resp: 2171588
Ion Ratio Lower Upper
154 100
153 40.6 21.5 61.5
76 14.9 0.0 35.8

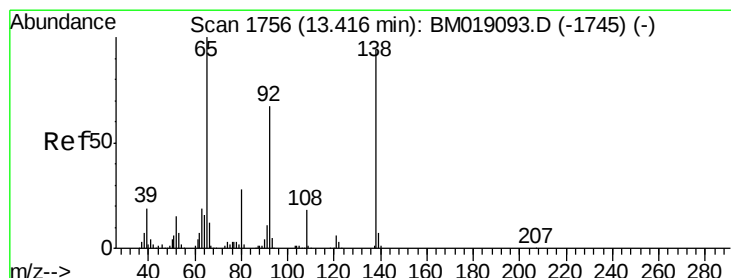
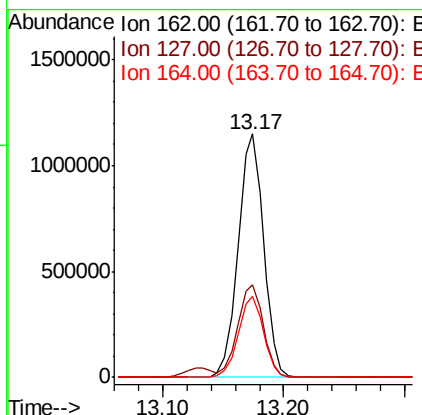
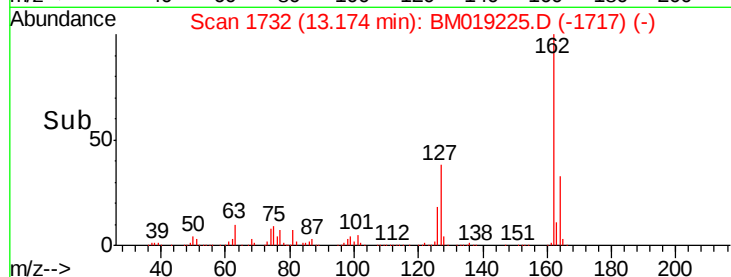
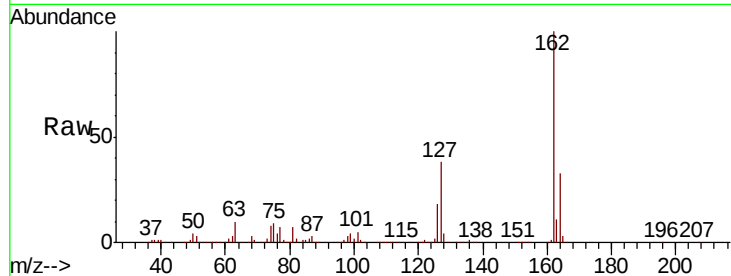




#47
2-Chloronaphthalene
Concen: 46.033 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

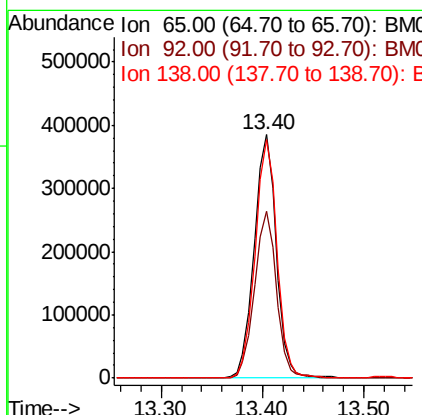
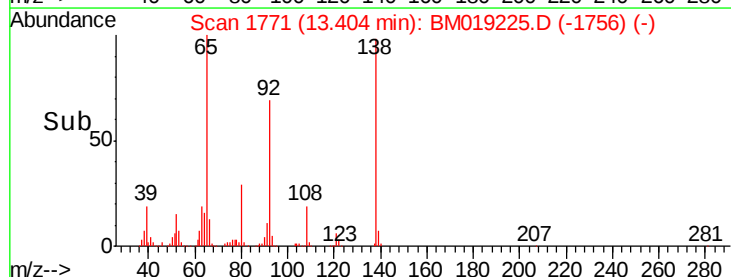
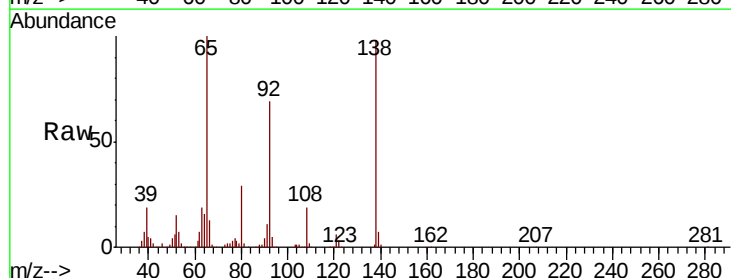
Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

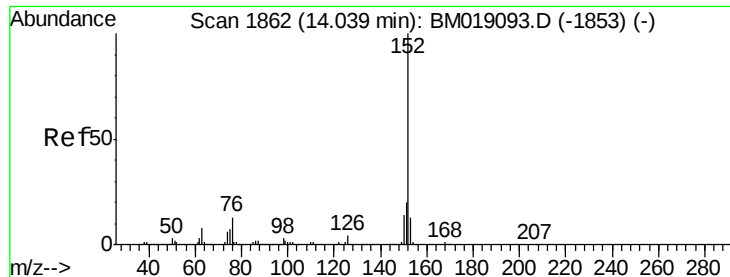
Tgt Ion: 162 Resp: 1694856
Ion Ratio Lower Upper
162 100
127 38.0 31.2 46.8
164 33.3 26.3 39.5



#48
2-Nitroaniline
Concen: 47.306 ng
RT: 13.40 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion: 65 Resp: 584131
Ion Ratio Lower Upper
65 100
92 68.7 53.4 80.2
138 98.1 74.9 112.3





#49

Acenaphthylene

Concen: 45.009 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

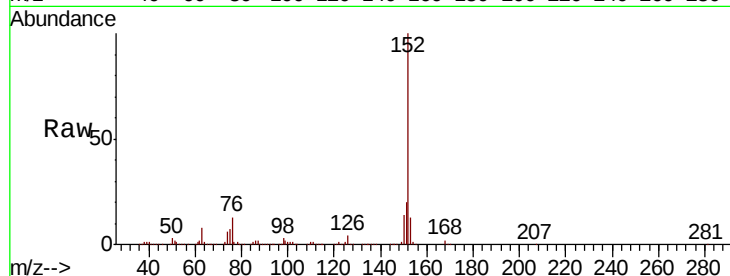
Tgt Ion:152 Resp: 2802019

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

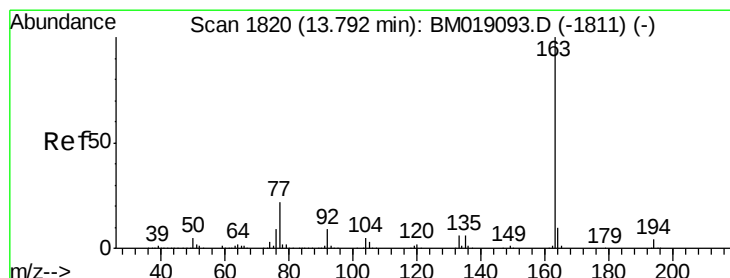
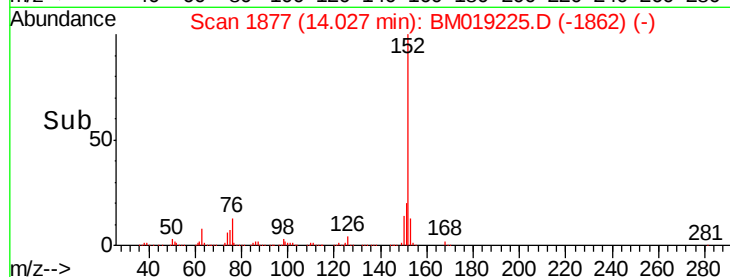
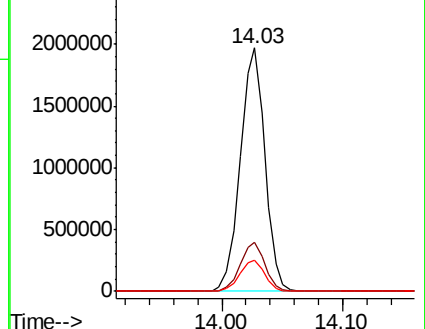
153 12.9 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.611 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

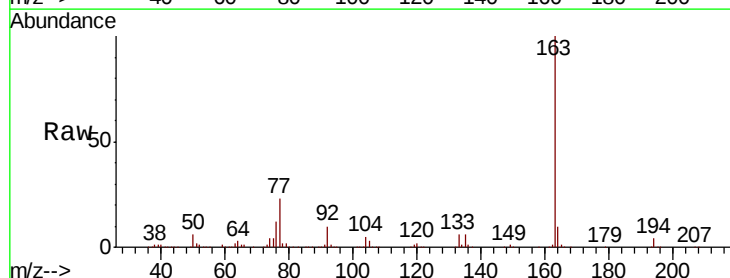
Tgt Ion:163 Resp: 2542010

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

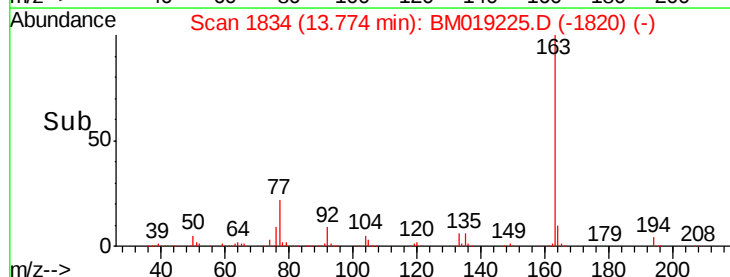
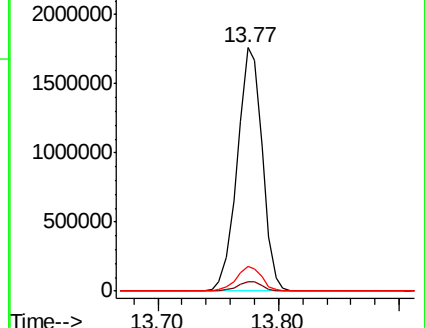
164 10.2 7.7 11.5

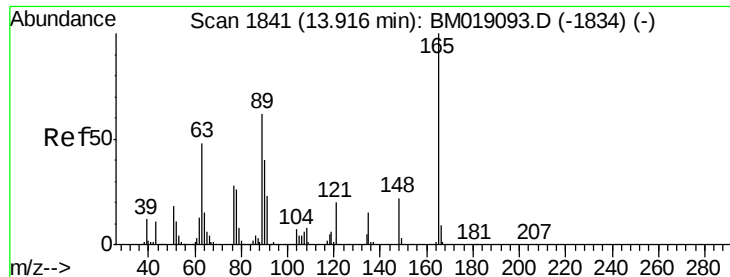


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

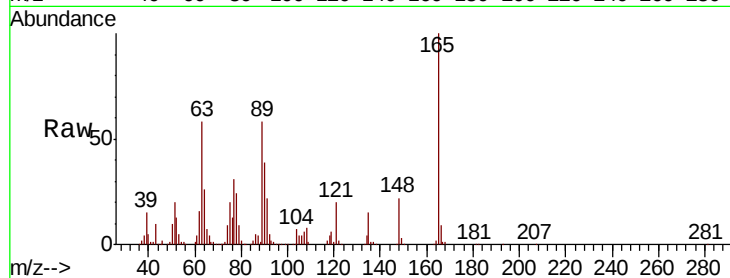




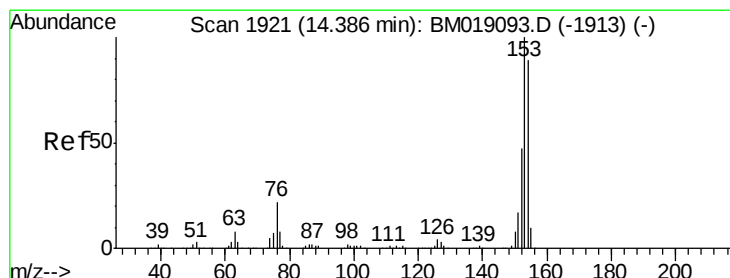
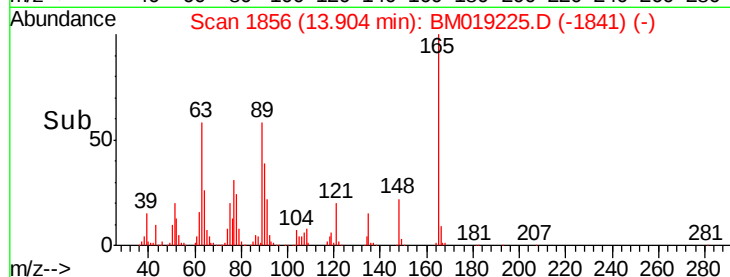
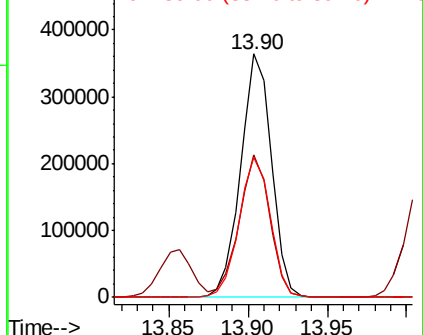
#51
2,6-Dinitrotoluene
Concen: 47.125 ng
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tgt Ion:165 Resp: 492210
Ion Ratio Lower Upper
165 100
63 58.5 48.2 72.4
89 57.7 49.3 73.9

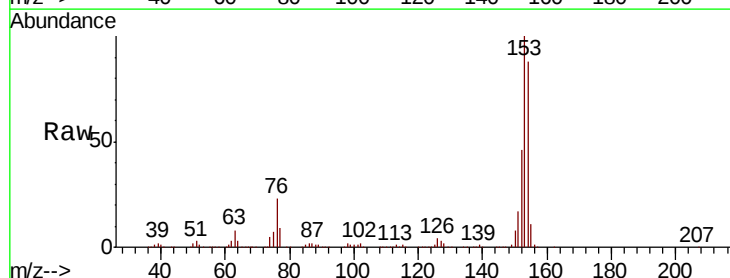


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

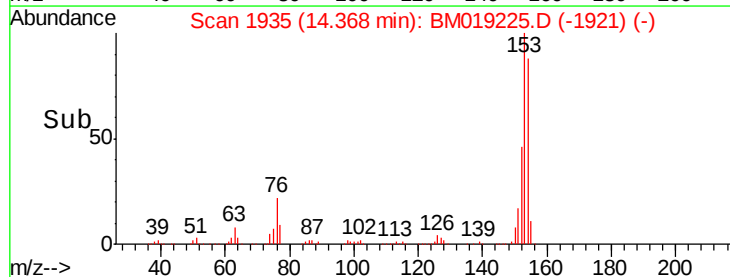
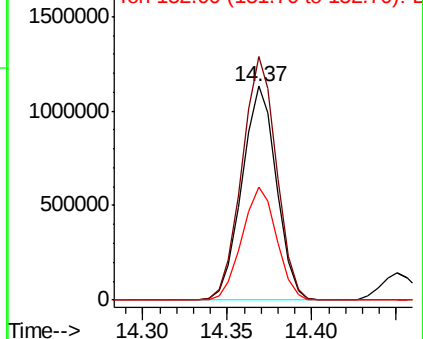


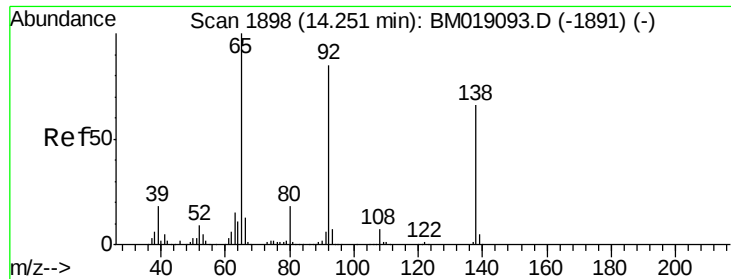
#52
Acenaphthene
Concen: 45.044 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion:154 Resp: 1611315
Ion Ratio Lower Upper
154 100
153 113.7 90.1 135.1
152 52.6 42.5 63.7



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





#53

3-Nitroaniline

Concen: 31.644 ng

RT: 14.24 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

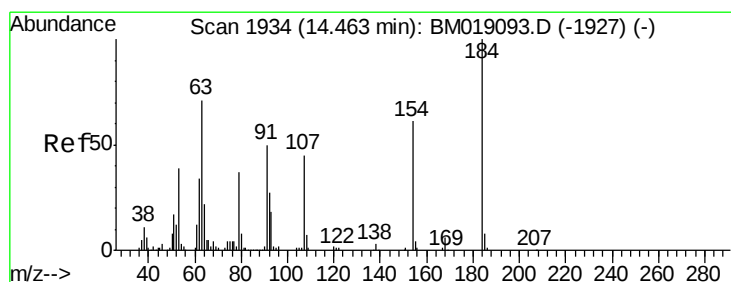
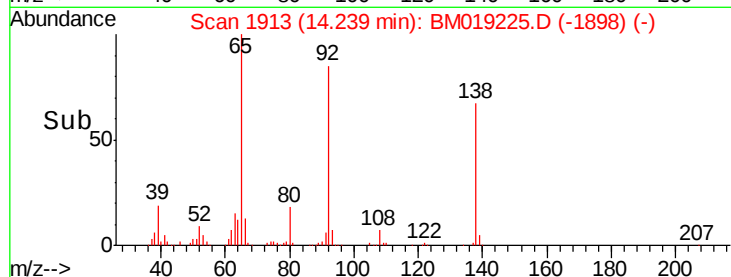
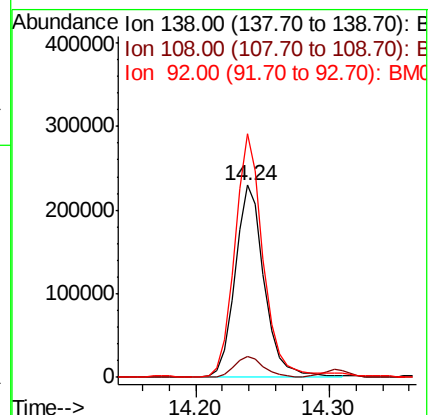
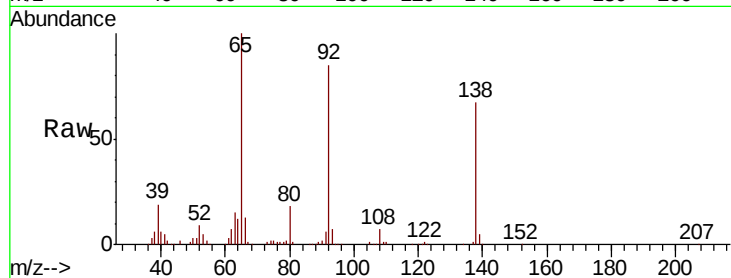
Tgt Ion:138 Resp: 350050

Ion Ratio Lower Upper

138 100

108 11.0 9.0 13.4

92 126.8 102.6 153.8



#54

2,4-Dinitrophenol

Concen: 56.523 ng

RT: 14.45 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

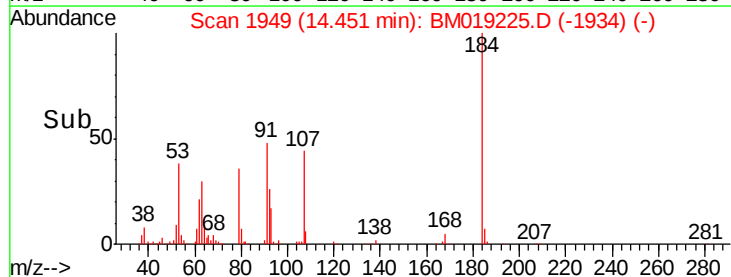
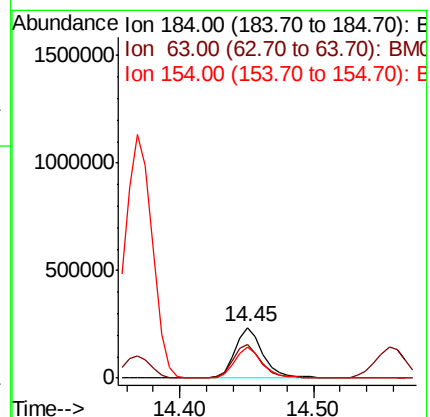
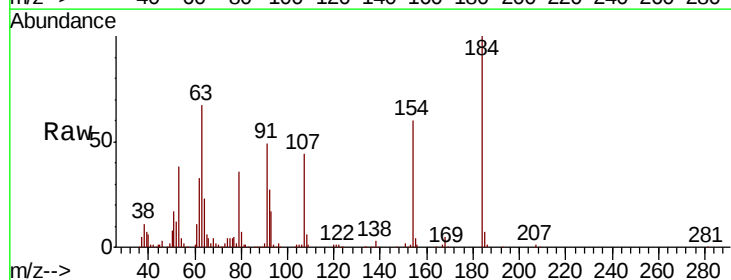
Tgt Ion:184 Resp: 342851

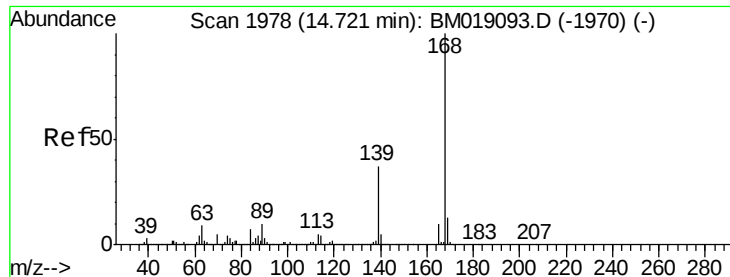
Ion Ratio Lower Upper

184 100

63 67.3 56.7 85.1

154 60.0 49.3 73.9





#55

Dibenzenofuran

Concen: 45.521 ng

RT: 14.70 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

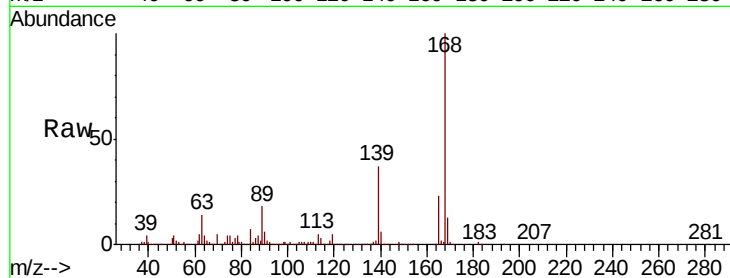
Tgt Ion:168 Resp: 2626043

Ion Ratio Lower Upper

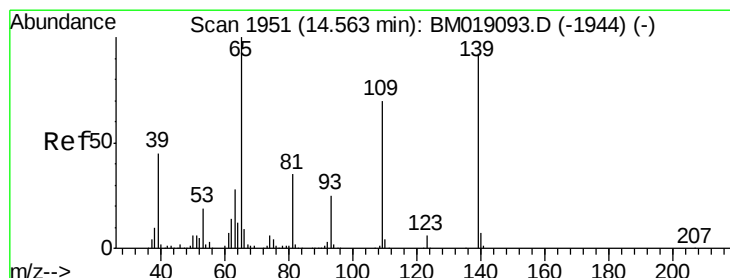
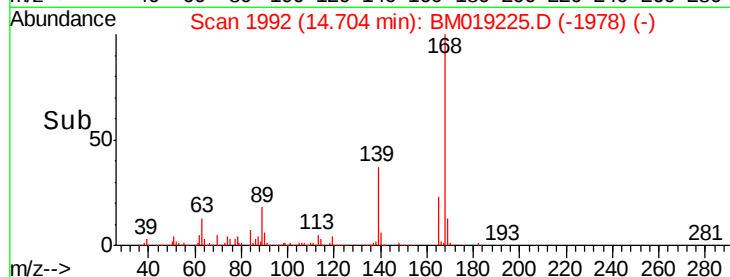
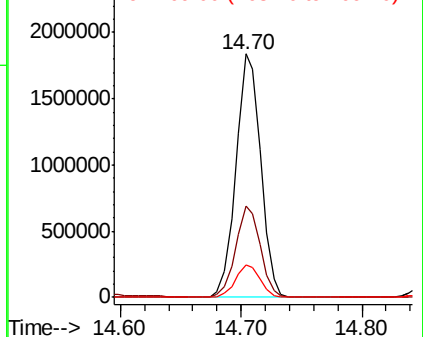
168 100

139 37.5 30.1 45.1

169 13.1 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
2500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 86.450 ng

RT: 14.56 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

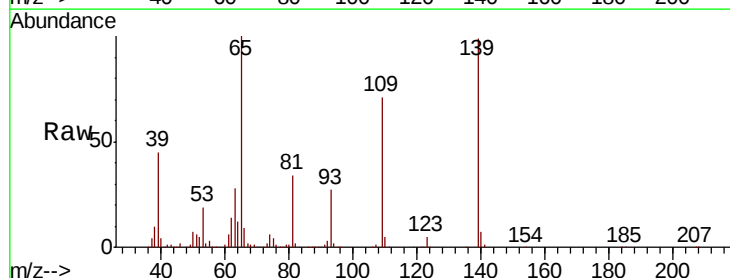
Tgt Ion:139 Resp: 780814

Ion Ratio Lower Upper

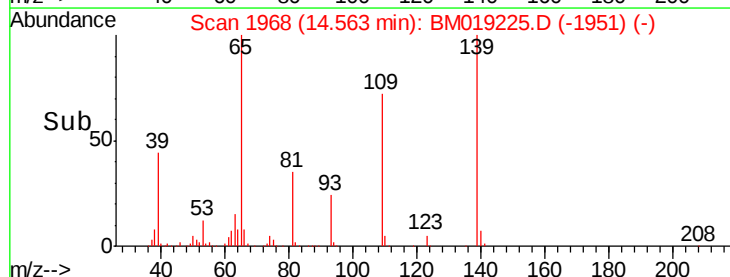
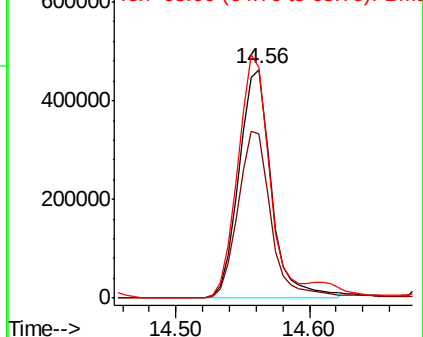
139 100

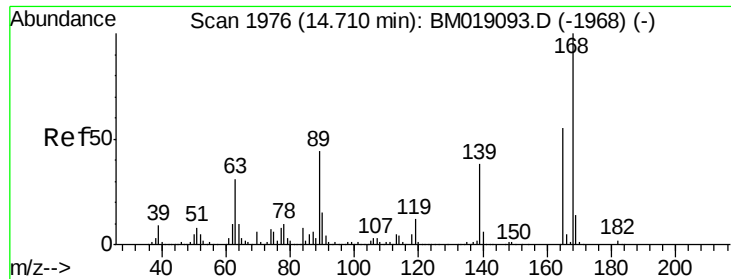
109 72.2 56.3 96.3

65 101.2 89.2 129.2



Abundance Ion 139.00 (138.70 to 139.70): E
600000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0

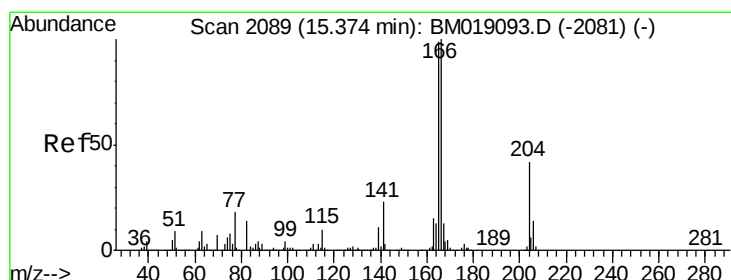
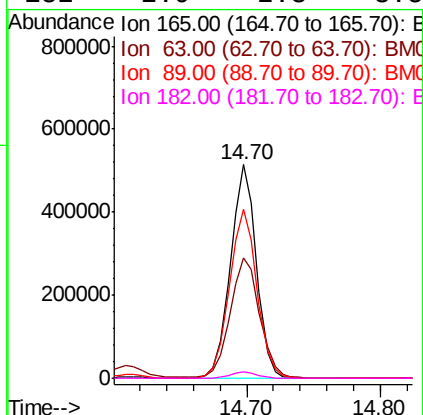
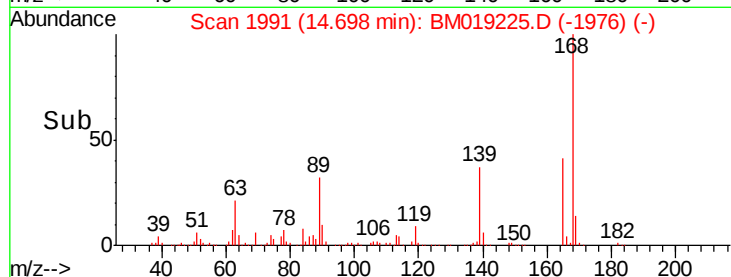
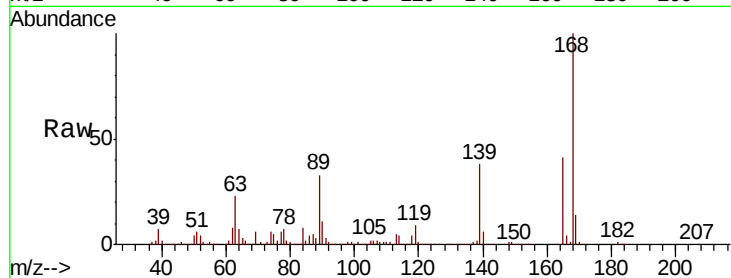




#57
2,4-Dinitrotoluene
Concen: 45.917 ng
RT: 14.70 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

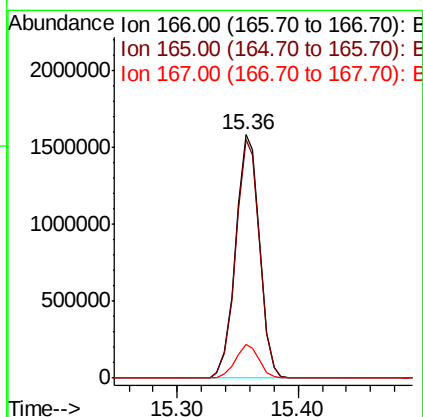
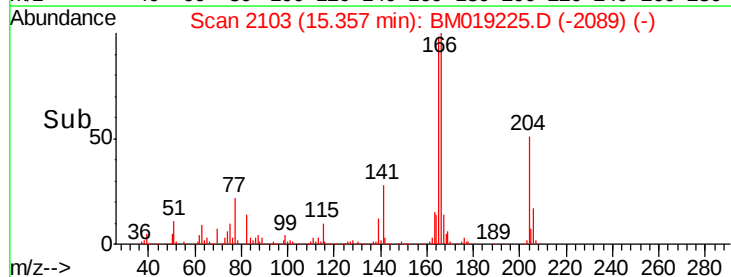
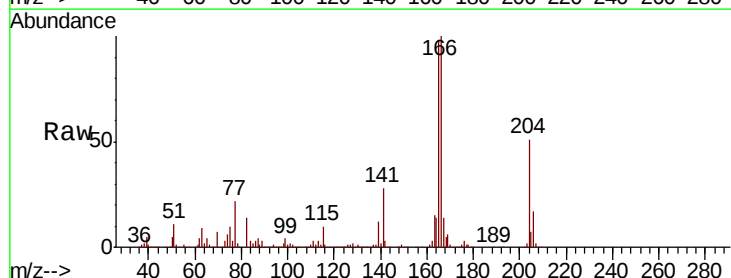
Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

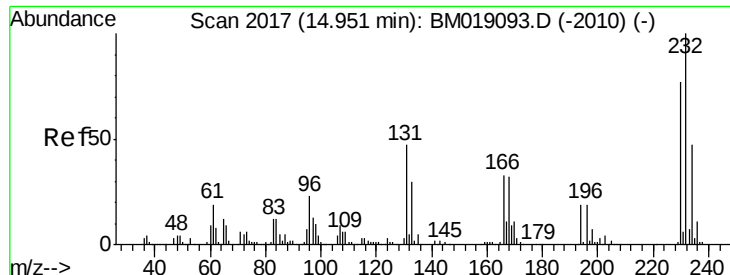
Tgt Ion:	165	Resp:	696169
Ion	Ratio	Lower	Upper
165	100		
63	56.6	44.7	67.1
89	79.3	63.4	95.2
182	2.9	2.3	3.5



#58
Fluorene
Concen: 45.809 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion:	166	Resp:	2178269
Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.4
167	13.7	10.8	16.2

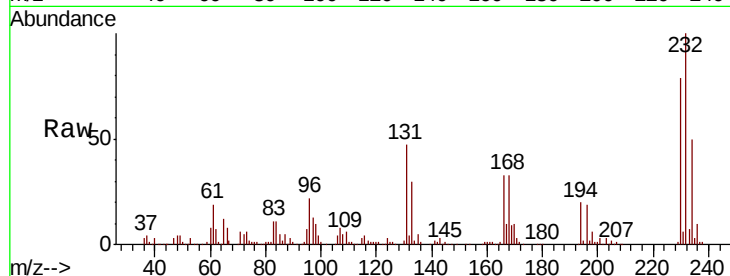




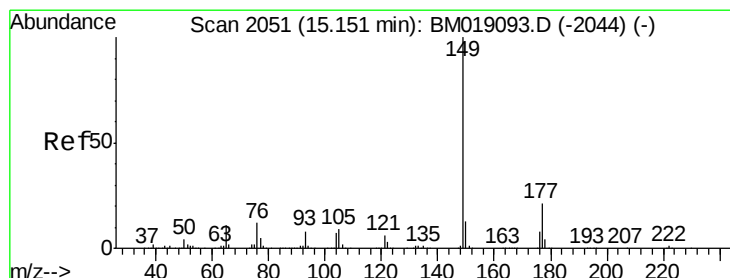
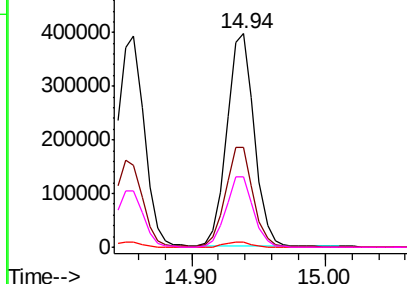
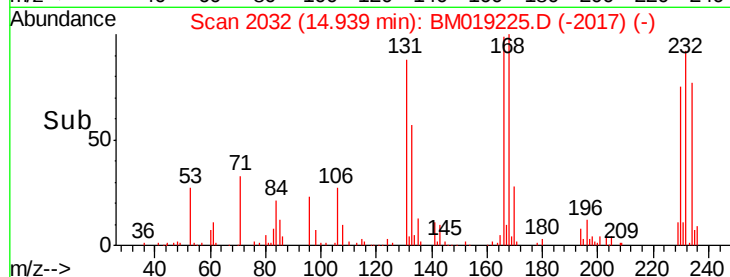
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.534 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tgt Ion: 232 Resp: 569348
Ion Ratio Lower Upper
232 100
131 47.4 38.2 57.2
130 2.4 1.9 2.9
166 33.3 27.0 40.4

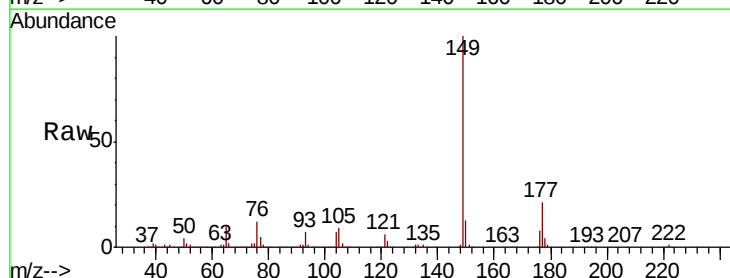


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

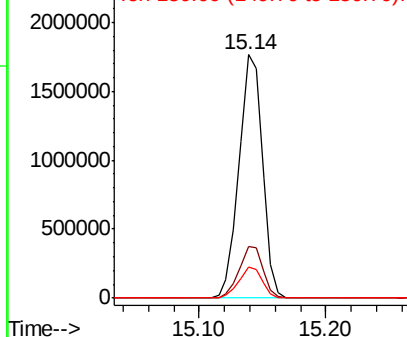
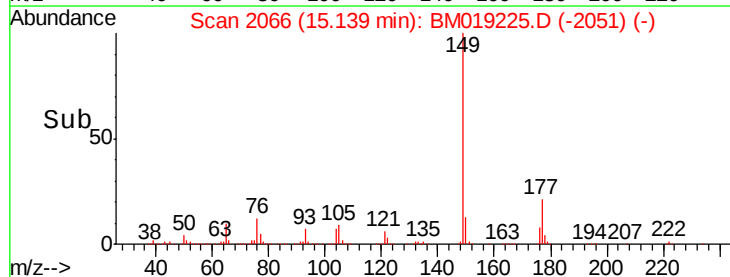


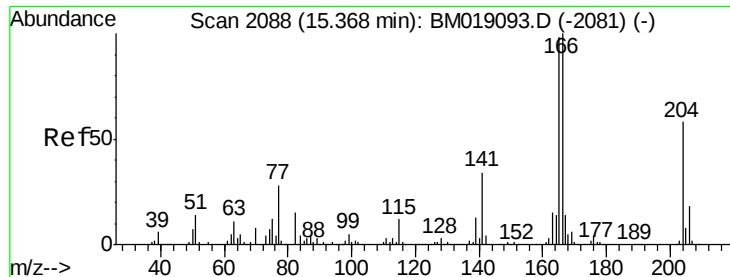
#60
Diethylphthalate
Concen: 46.081 ng
RT: 15.14 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion: 149 Resp: 2254953
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 12.5 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

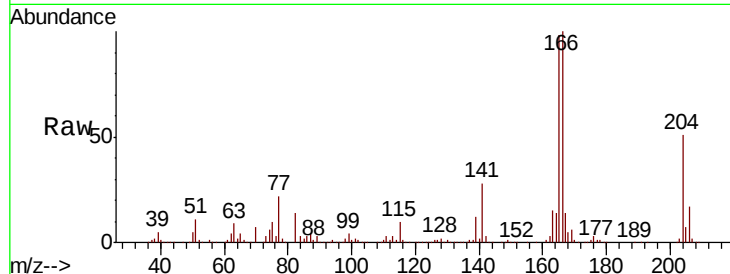




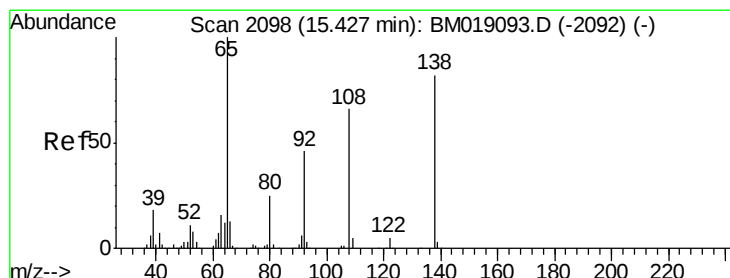
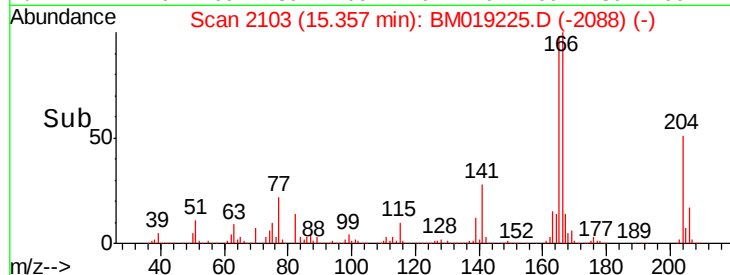
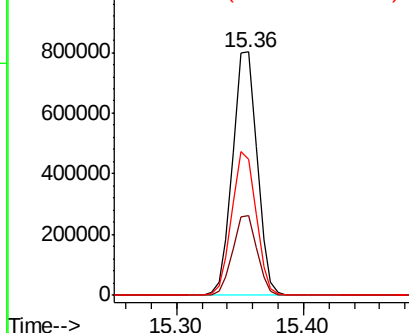
#61
 4-Chlorophenyl-phenylether
 Concen: 46.290 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Tgt Ion:204 Resp: 1069066
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.5 38.3
 141 56.0 47.8 71.8

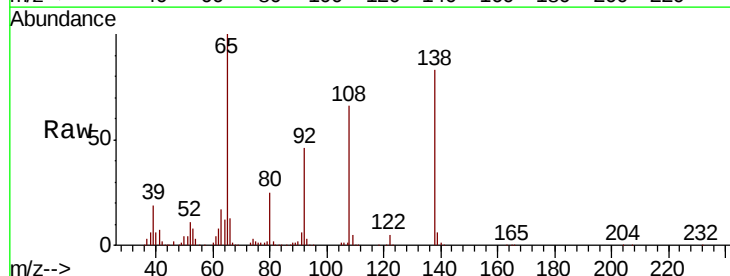


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

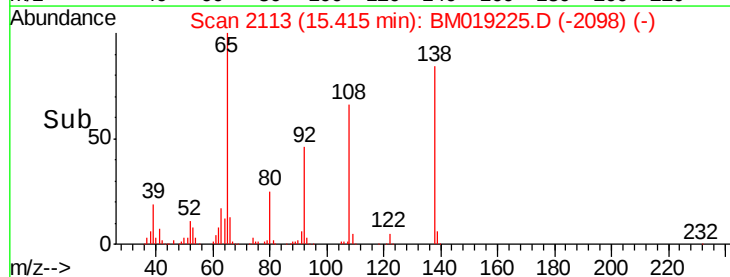
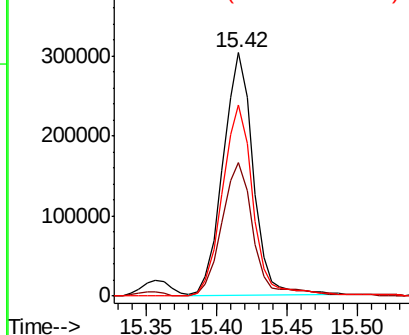


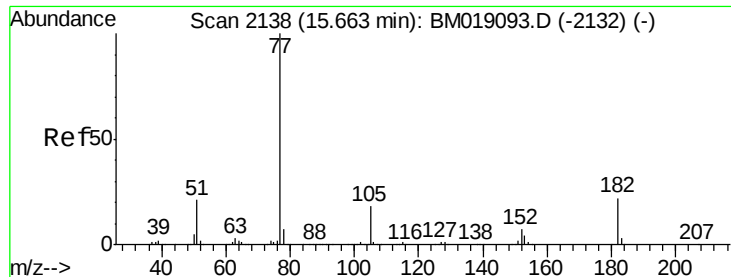
#62
 4-Nitroaniline
 Concen: 40.527 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion:138 Resp: 451811
 Ion Ratio Lower Upper
 138 100
 92 54.7 36.2 76.2
 108 78.6 59.7 99.7



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

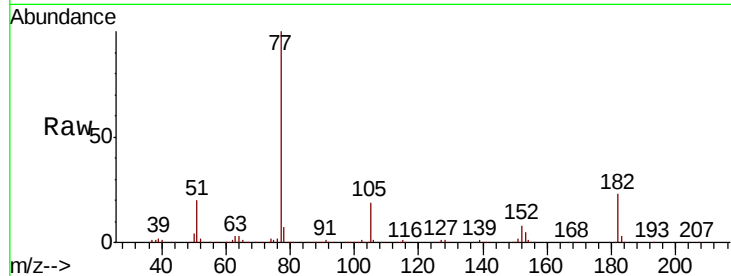




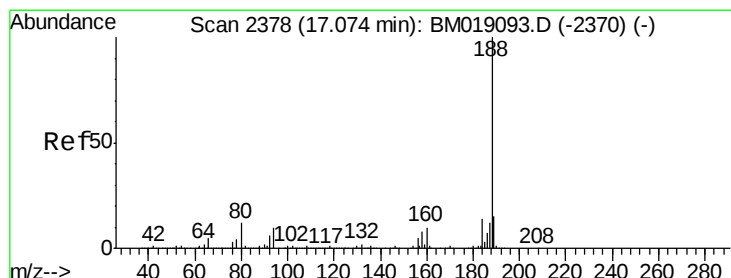
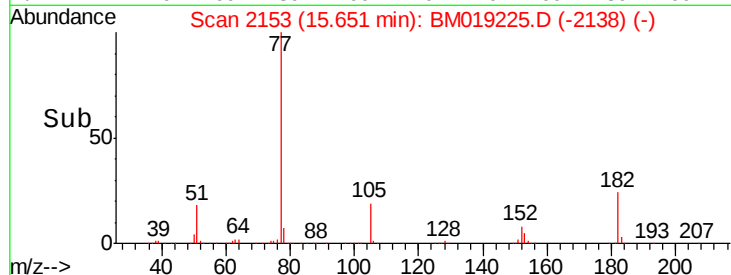
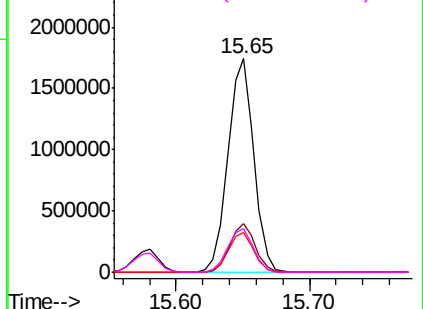
#63
Azobenzene
Concen: 45.710 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tgt Ion: 77 Resp: 2353738
Ion Ratio Lower Upper
77 100
182 23.1 1.8 41.8
105 18.7 0.0 38.3
51 20.2 0.8 40.8

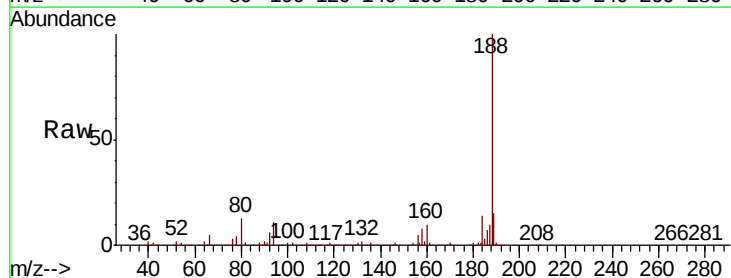


Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-2132) (-)
Ion 182.00 (181.70 to 182.70): BM019093.D (-2132) (-)
Ion 105.00 (104.70 to 105.70): BM019093.D (-2132) (-)
Ion 51.00 (50.70 to 51.70): BM019093.D (-2132) (-)

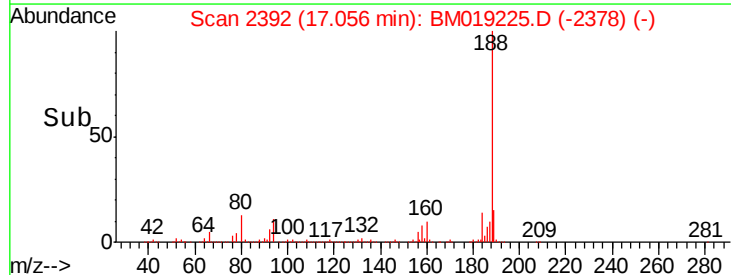
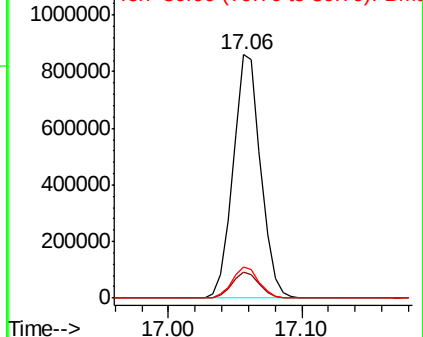


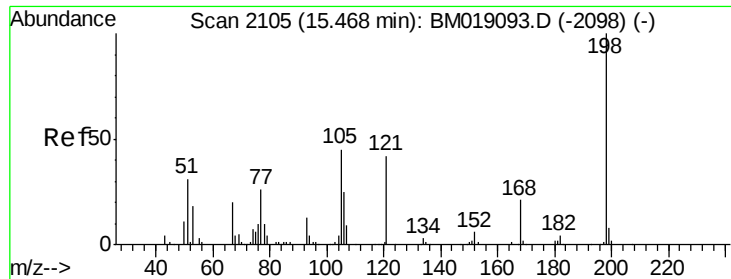
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion: 188 Resp: 1233040
Ion Ratio Lower Upper
188 100
94 10.9 8.1 12.1
80 13.0 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) (-)

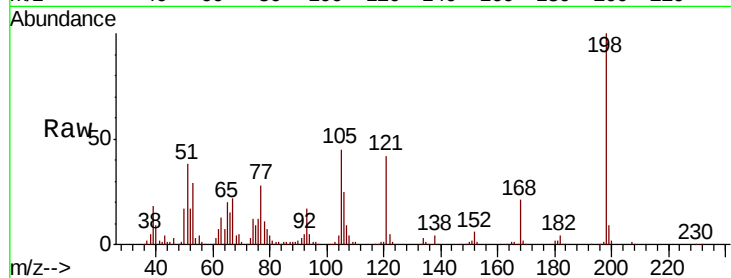




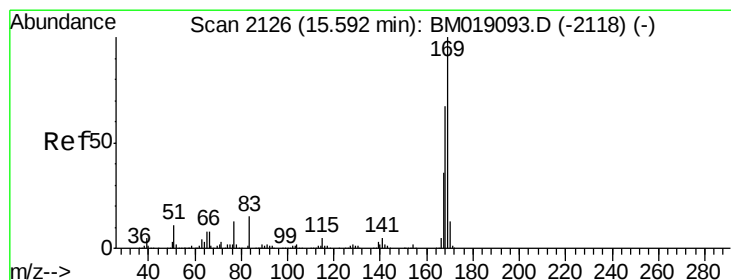
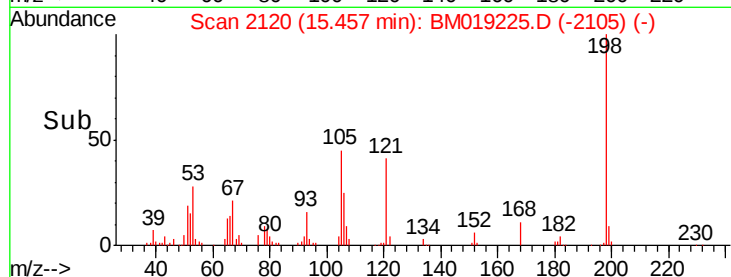
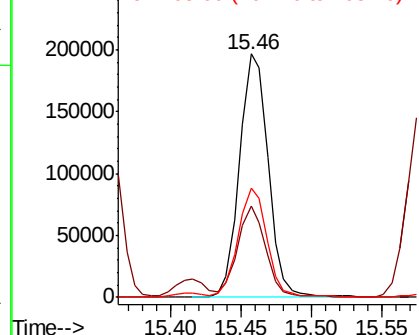
#65
4,6-Dinitro-2-methylphenol
Concen: 34.705 ng
RT: 15.46 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tgt Ion:198 Resp: 280416
Ion Ratio Lower Upper
198 100
51 37.5 17.3 57.3
105 45.0 26.2 66.2

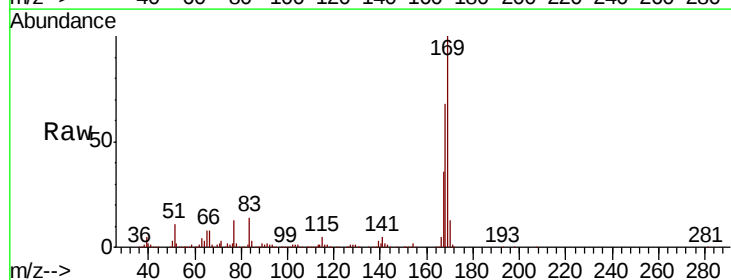


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E

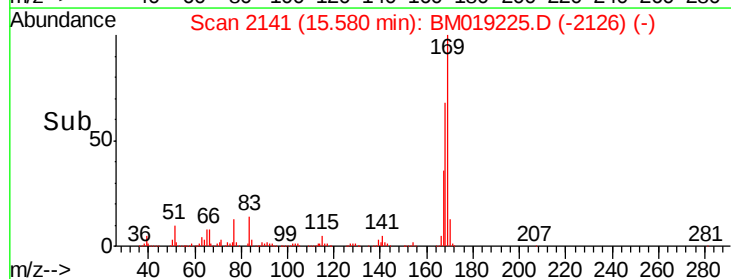
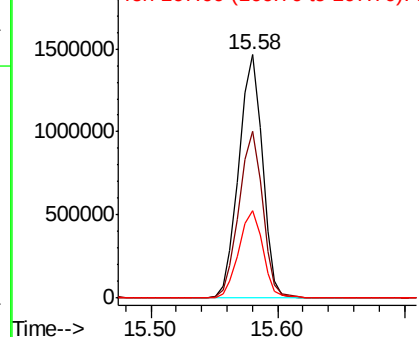


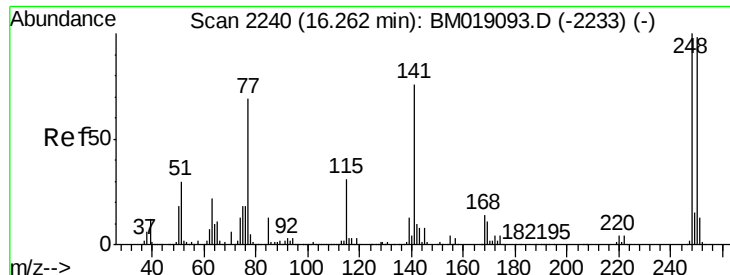
#66
n-Nitrosodiphenylamine
Concen: 48.097 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion:169 Resp: 1888075
Ion Ratio Lower Upper
169 100
168 68.3 53.9 80.9
167 36.1 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

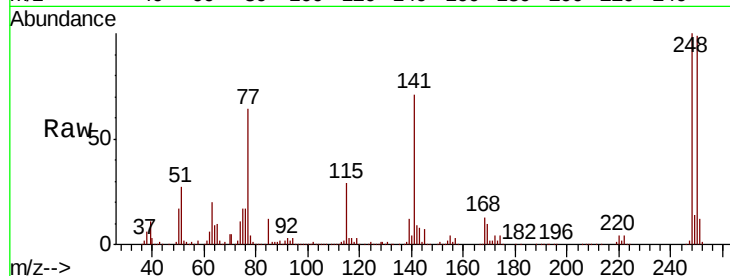




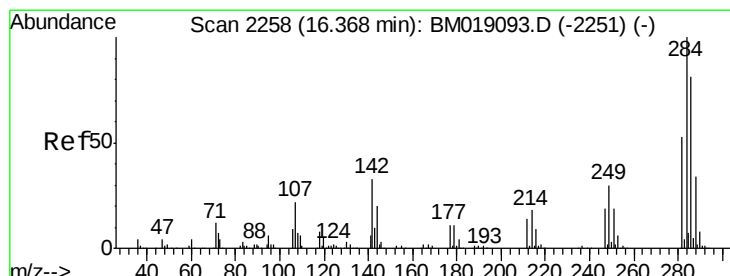
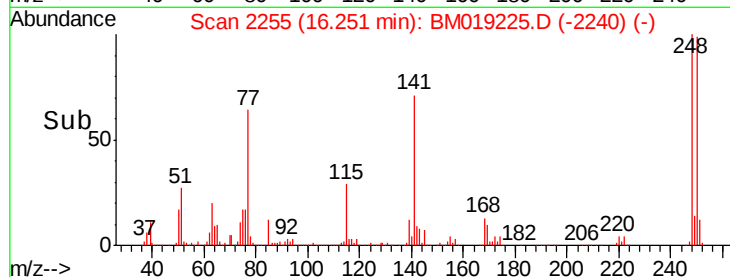
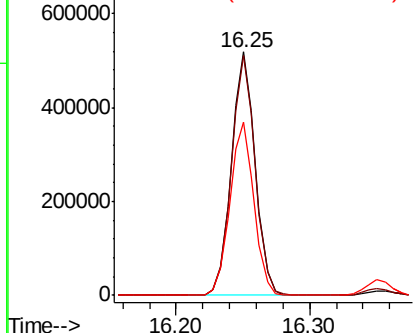
#67
 4-Bromophenyl-phenylether
 Concen: 47.351 ng
 RT: 16.25 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Tgt Ion:248 Resp: 643846
 Ion Ratio Lower Upper
 248 100
 250 98.7 78.0 117.0
 141 71.1 61.0 91.4

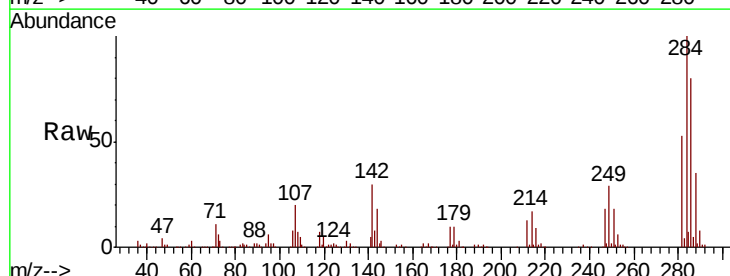


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

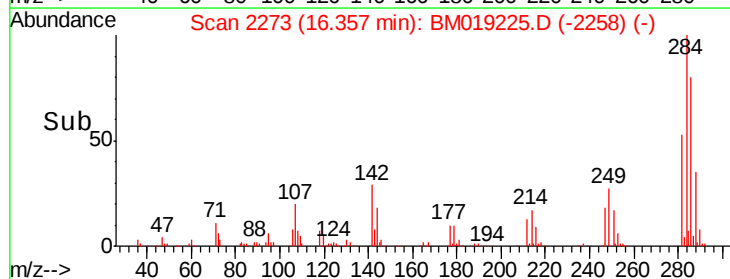
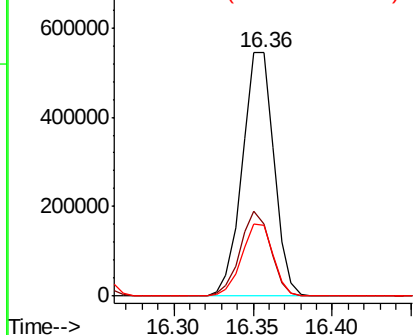


#68
 Hexachlorobenzene
 Concen: 46.811 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion:284 Resp: 756733
 Ion Ratio Lower Upper
 284 100
 142 29.9 26.3 39.5
 249 28.9 24.1 36.1



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





#69

Atrazine

Concen: 49.052 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

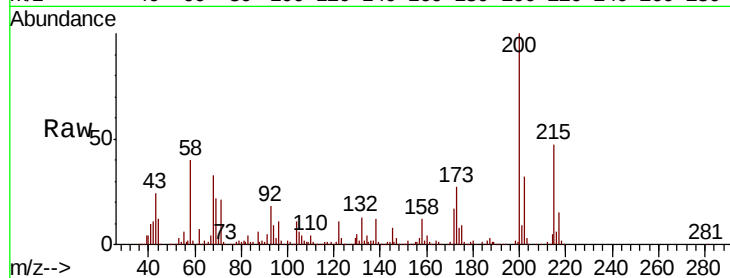
Tgt Ion:200 Resp: 648199

Ion Ratio Lower Upper

200 100

173 27.3 7.0 47.0

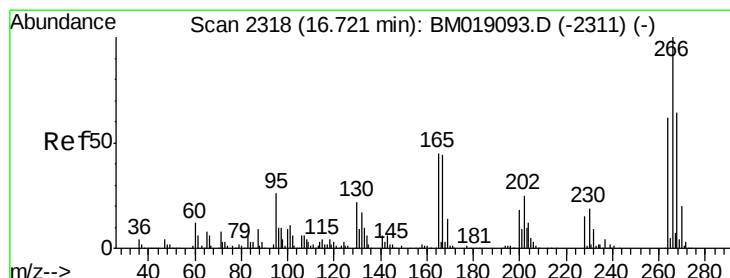
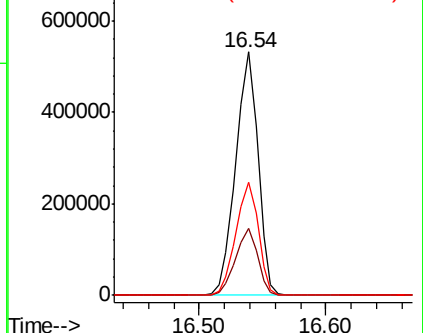
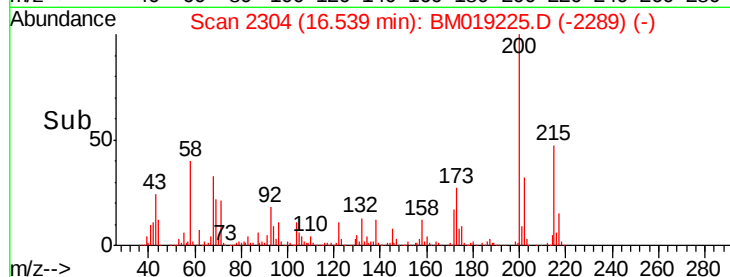
215 46.6 27.7 67.7



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



#70

Pentachlorophenol

Concen: 89.742 ng

RT: 16.71 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

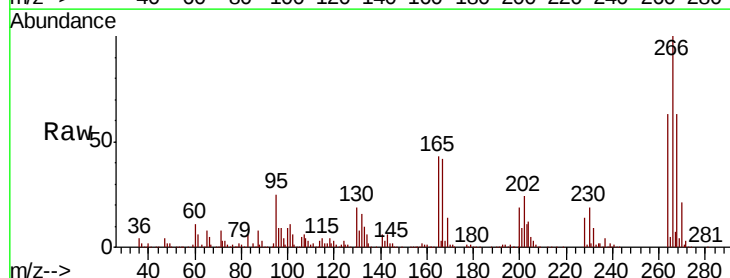
Tgt Ion:266 Resp: 874055

Ion Ratio Lower Upper

266 100

268 62.8 51.3 76.9

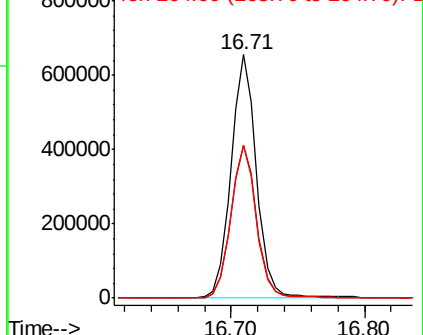
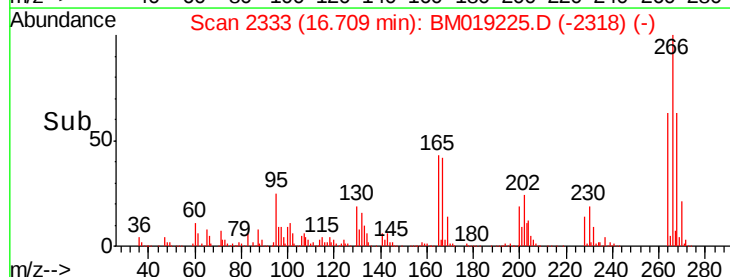
264 62.7 50.0 75.0

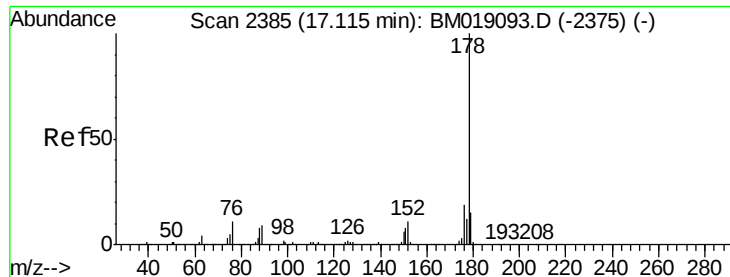


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

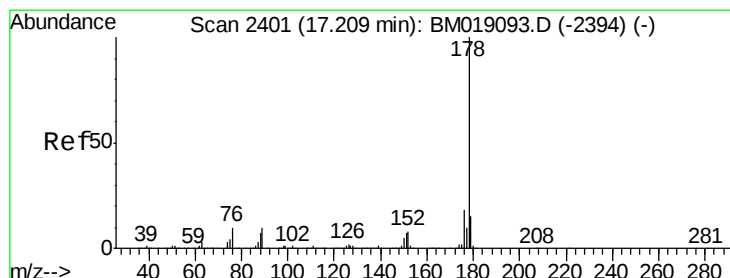
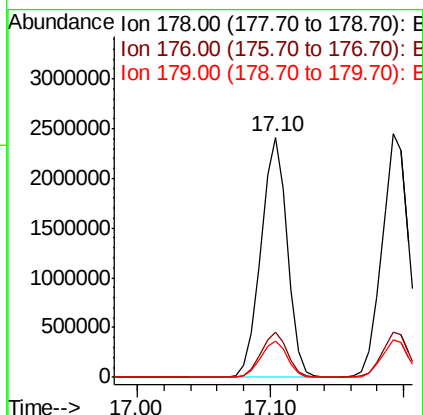
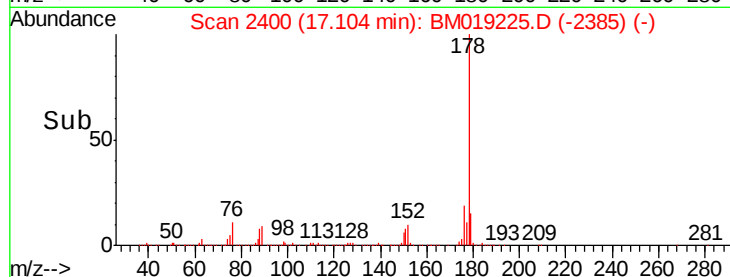
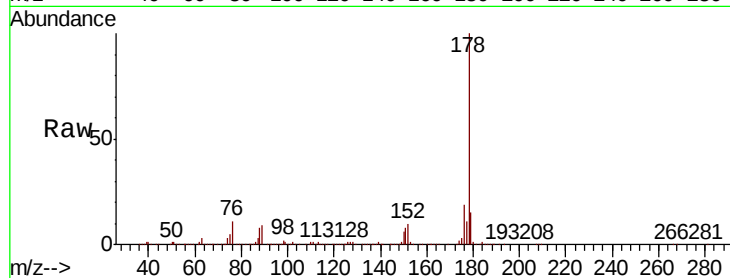




#71
Phenanthrene
Concen: 45.192 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

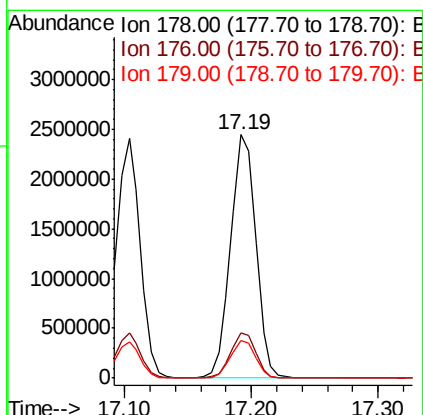
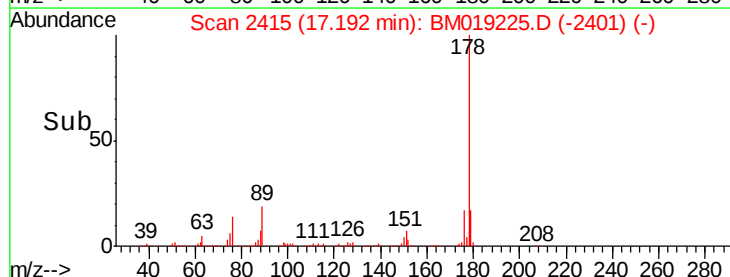
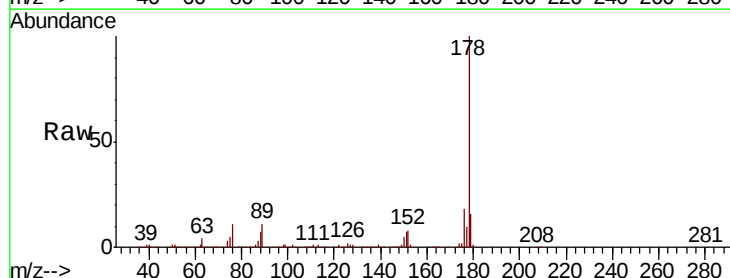
Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

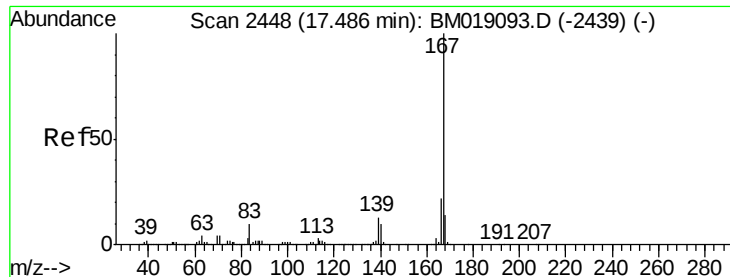
Tgt Ion:178 Resp: 3266145
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.3 12.2 18.2



#72
Anthracene
Concen: 47.298 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion:178 Resp: 3346465
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.5 11.9 17.9

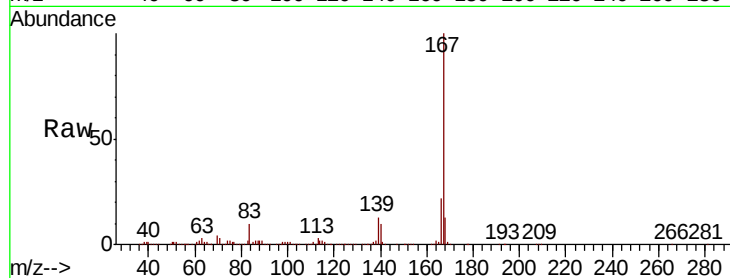




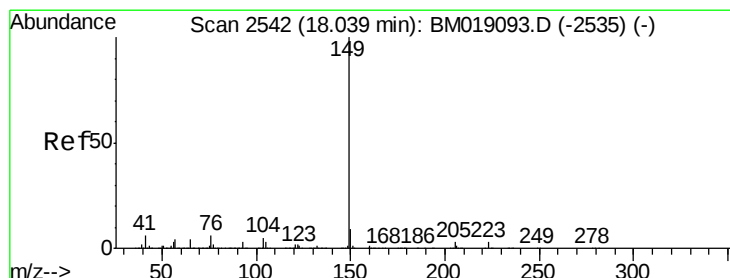
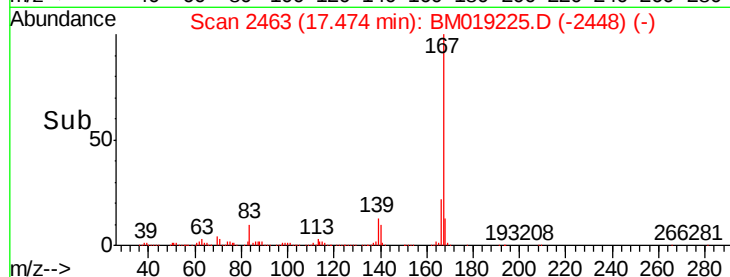
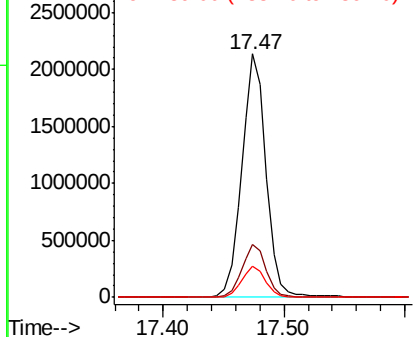
#73
 Carbazole
 Concen: 44.454 ng
 RT: 17.47 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Tgt Ion:167 Resp: 2968541
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 13.0 10.5 15.7

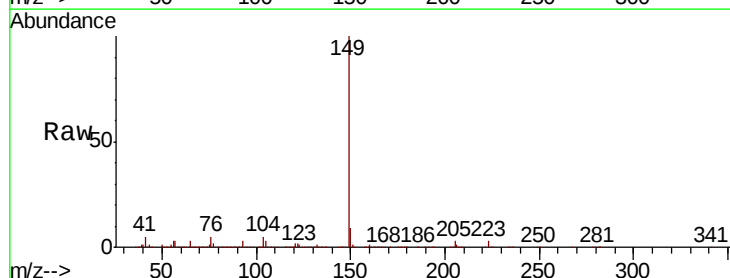


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

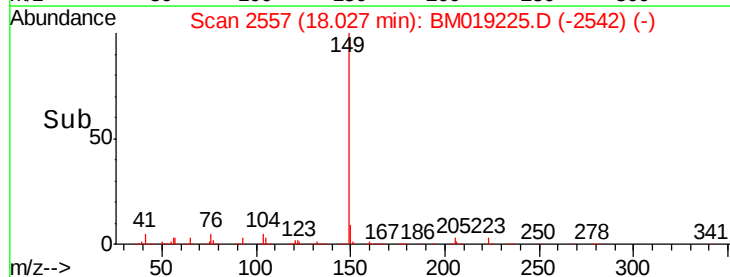
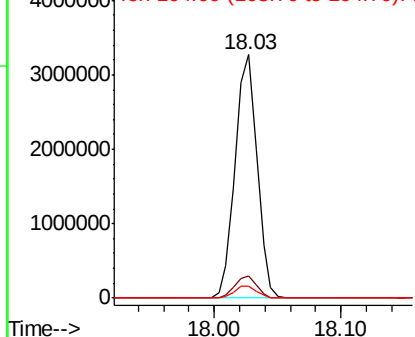


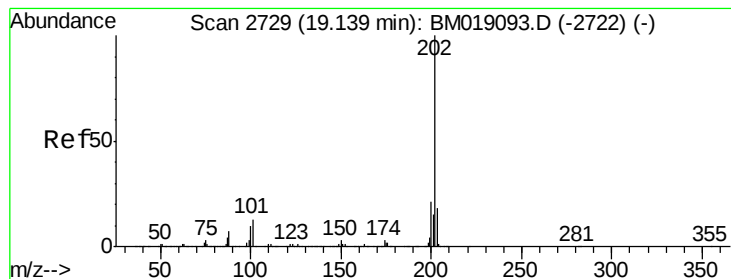
#74
 Di-n-butylphthalate
 Concen: 48.349 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion:149 Resp: 3904274
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.0 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: 41.879 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

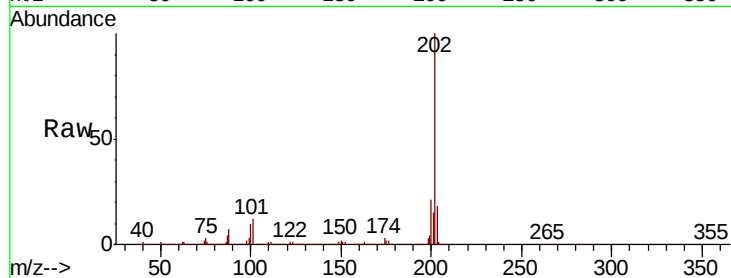
Tgt Ion:202 Resp: 3473045

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.0

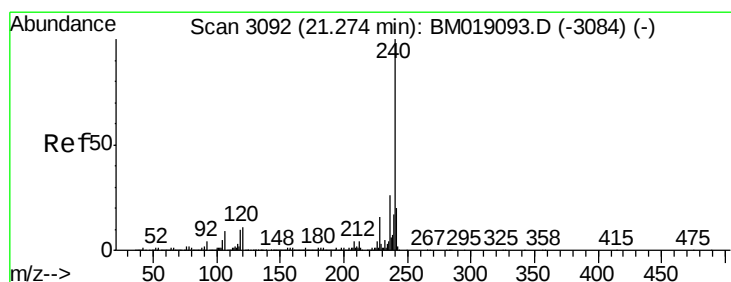
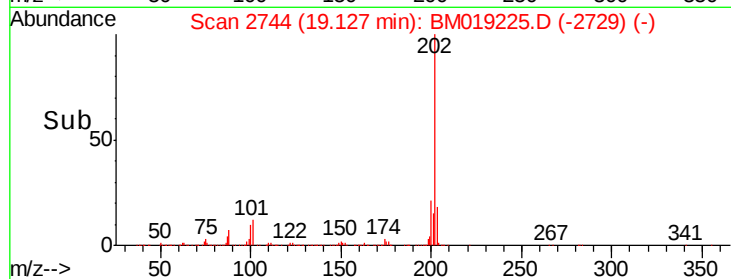
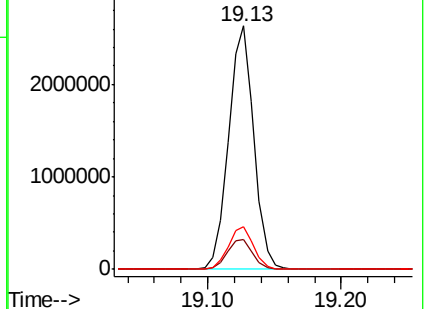
203 17.7 0.0 37.8



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# 3106

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

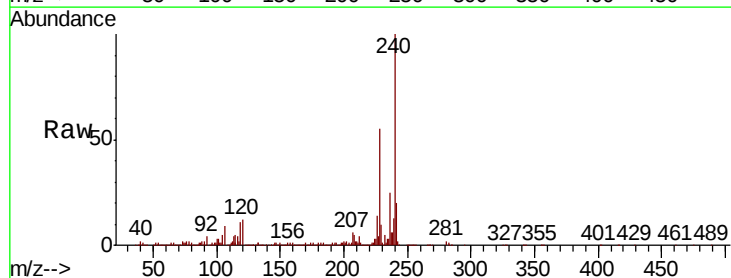
Tgt Ion:240 Resp: 1012532

Ion Ratio Lower Upper

240 100

120 11.9 8.9 13.3

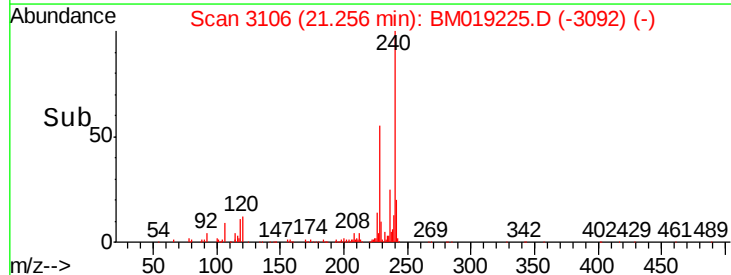
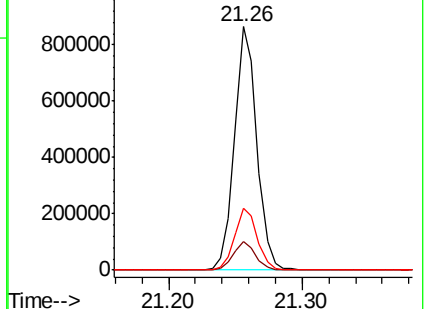
236 25.2 21.0 31.4

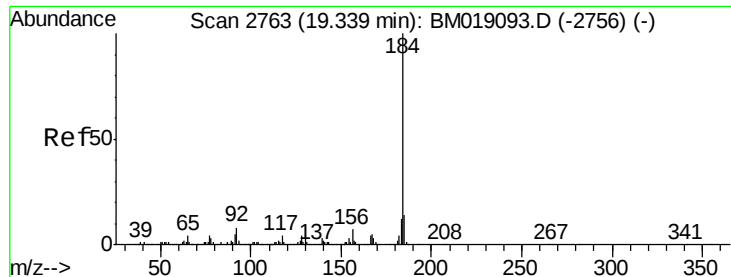


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.492 ng

RT: 19.33 min Scan# 2778

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

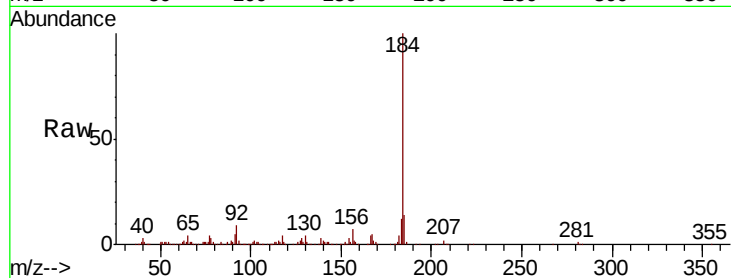
Tgt Ion:184 Resp: 703325

Ion Ratio Lower Upper

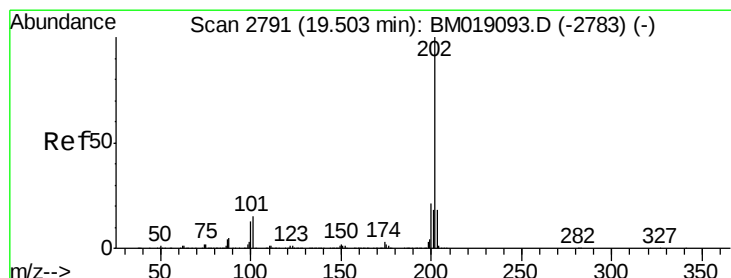
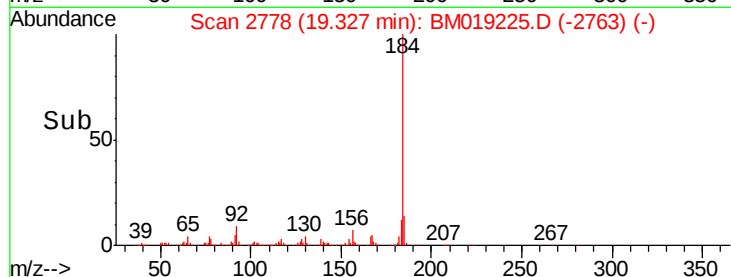
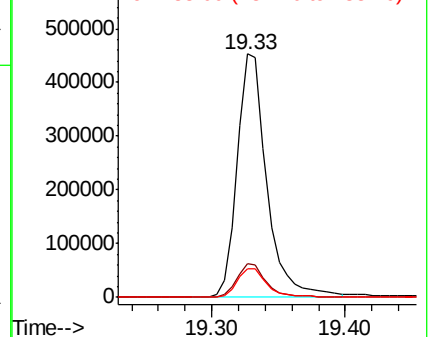
184 100

185 14.1 11.0 16.4

183 11.8 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: 53.973 ng

RT: 19.49 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

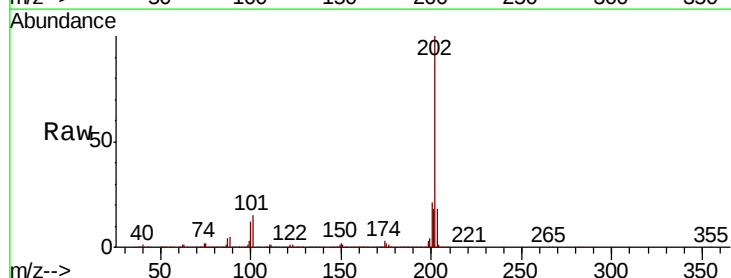
Tgt Ion:202 Resp: 3457713

Ion Ratio Lower Upper

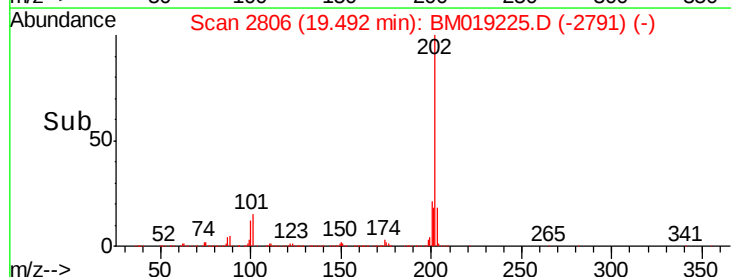
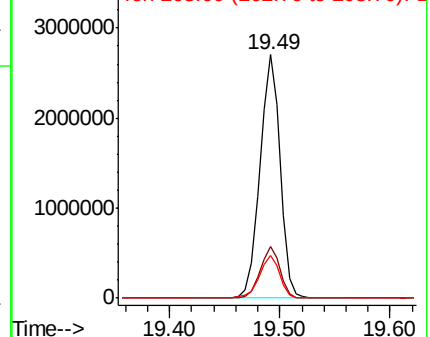
202 100

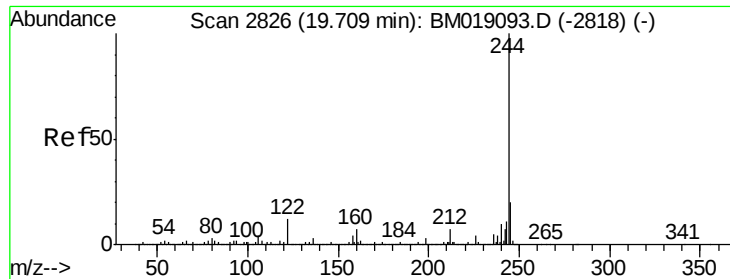
200 21.0 16.9 25.3

203 17.7 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: 109.930 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

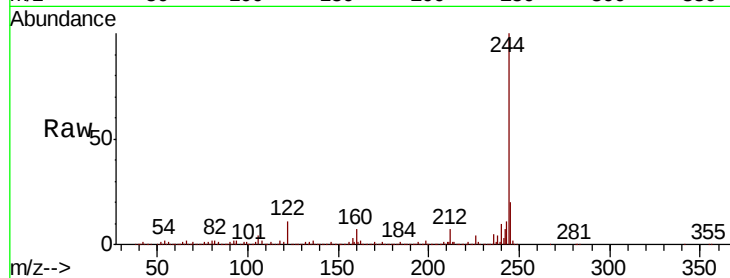
Tgt Ion:244 Resp: 5606797

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

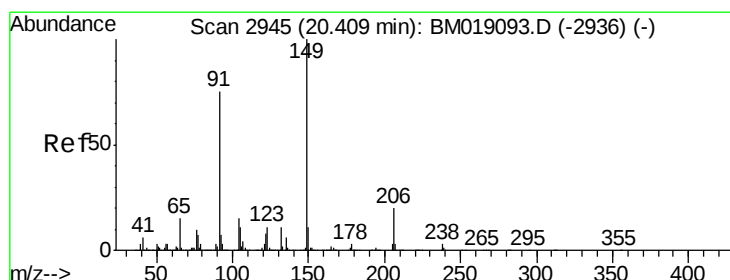
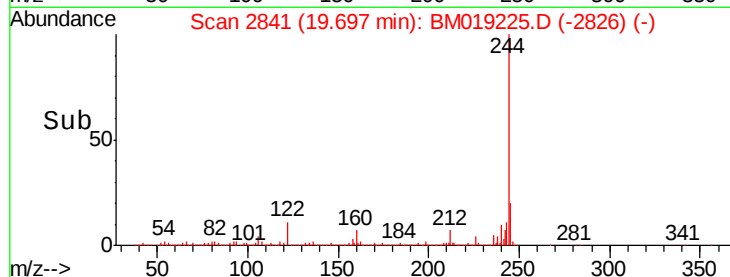
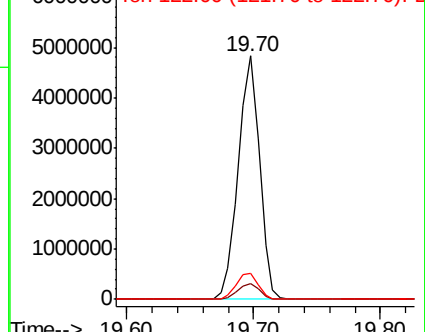
122 10.9 9.4 14.2



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: 59.532 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

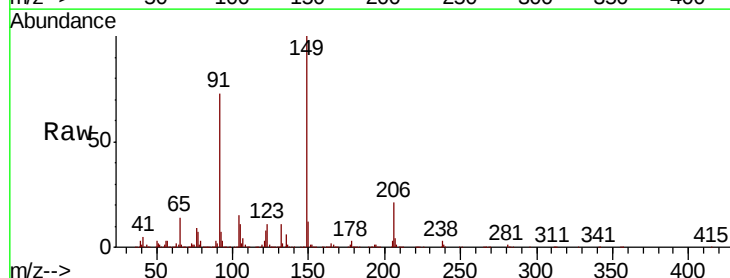
Tgt Ion:149 Resp: 1661164

Ion Ratio Lower Upper

149 100

91 73.5 60.1 90.1

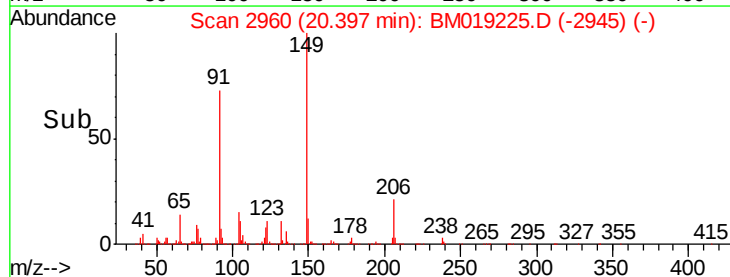
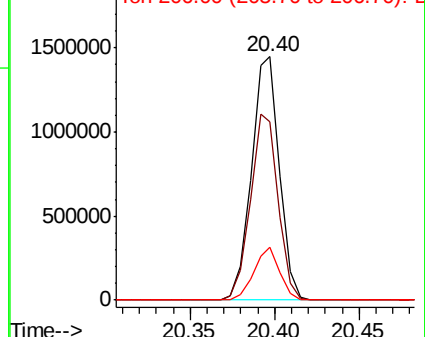
206 21.5 16.2 24.2

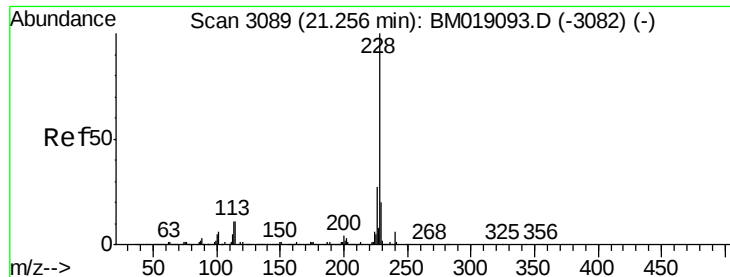


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.004 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

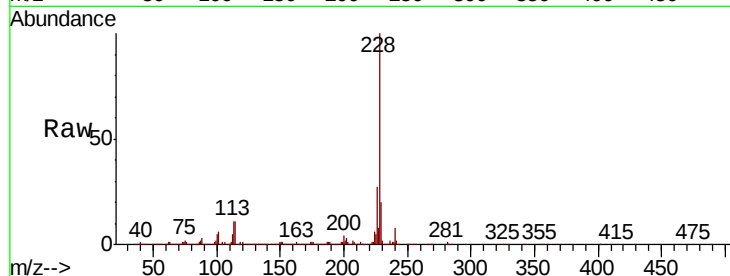
Tgt Ion:228 Resp: 2795239

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

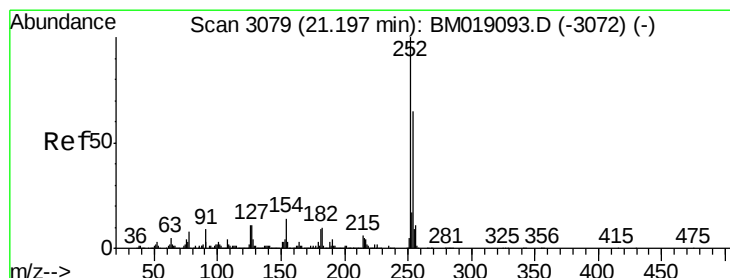
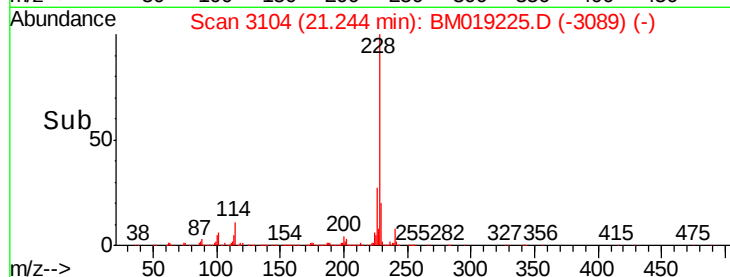
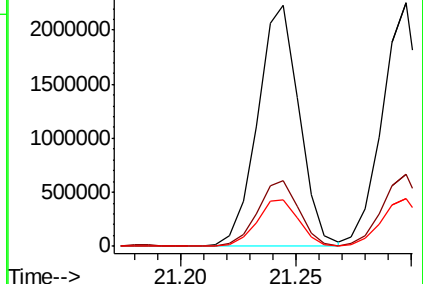
229 19.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.706 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

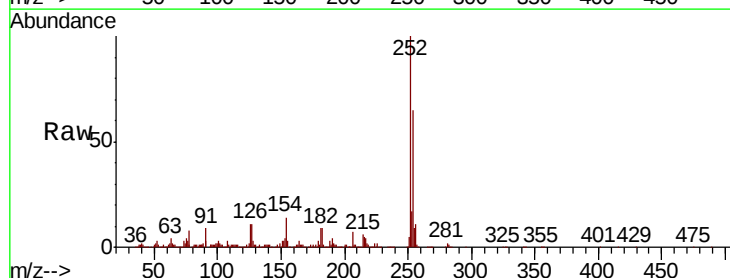
Tgt Ion:252 Resp: 898234

Ion Ratio Lower Upper

252 100

254 64.7 52.4 78.6

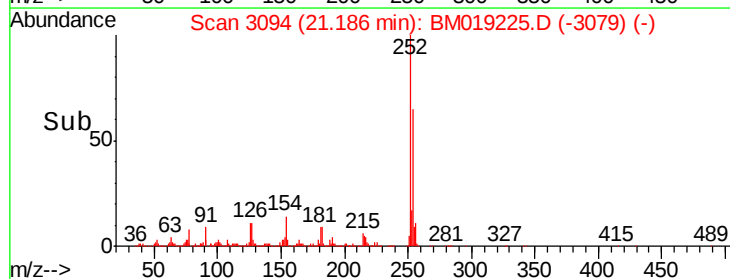
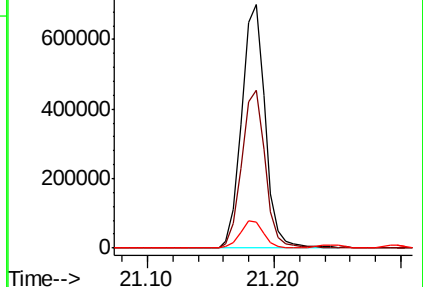
126 10.6 9.0 13.6

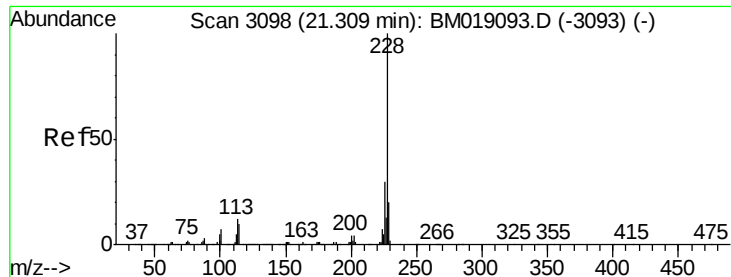


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.483 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

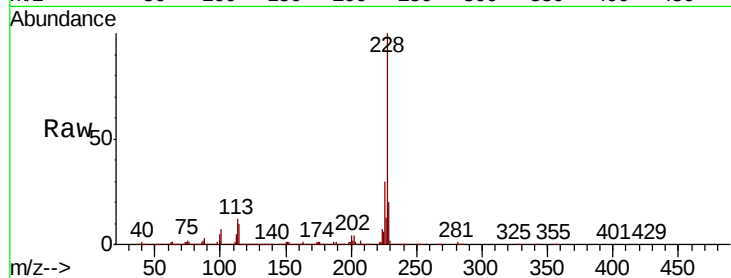
BNA_M

ClientSampleId :

PST-028-B100-031219MS

Tgt Ion:228 Resp: 2672237

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.5	15.7	23.5

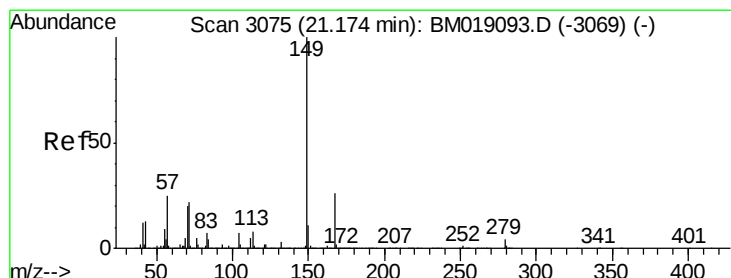
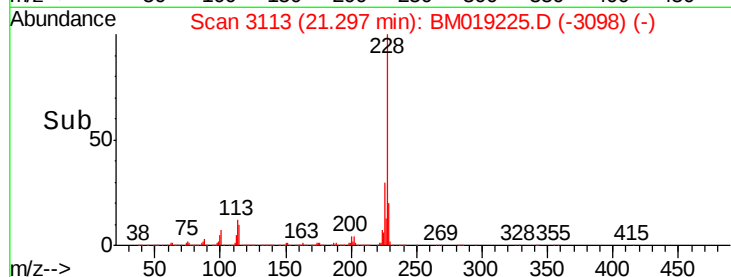
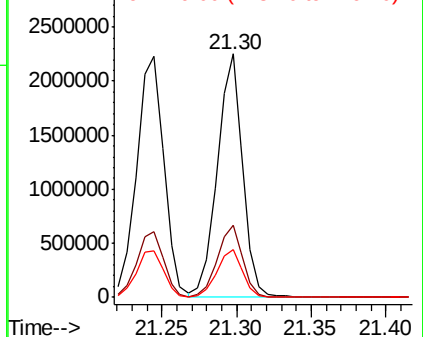


Abundance

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: 60.584 ng

RT: 21.16 min Scan# 3090

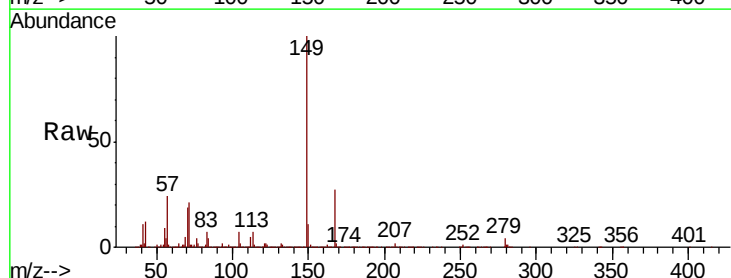
Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Tgt Ion:149 Resp: 2459406

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.1	31.7
279	4.3	3.2	4.8

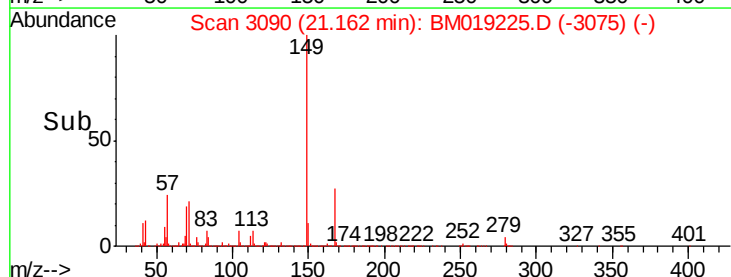
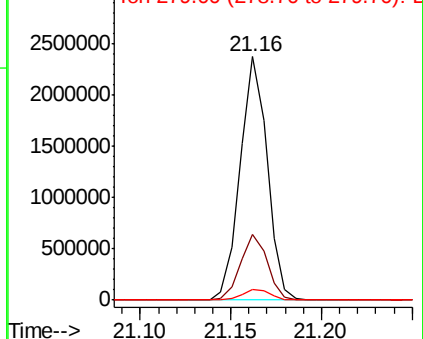


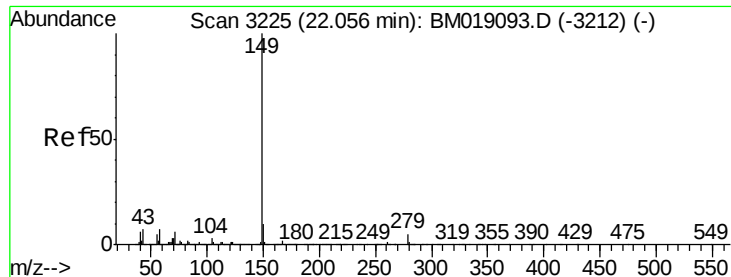
Abundance

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: 55.388 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

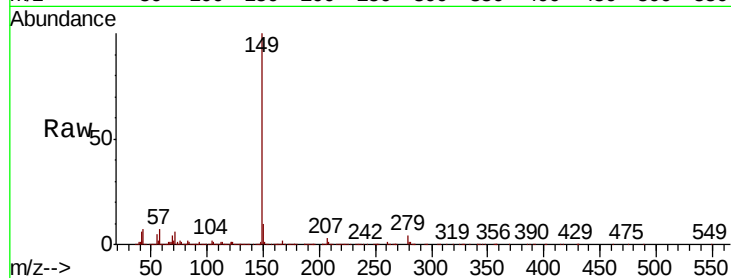
Tgt Ion:149 Resp: 3786176

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

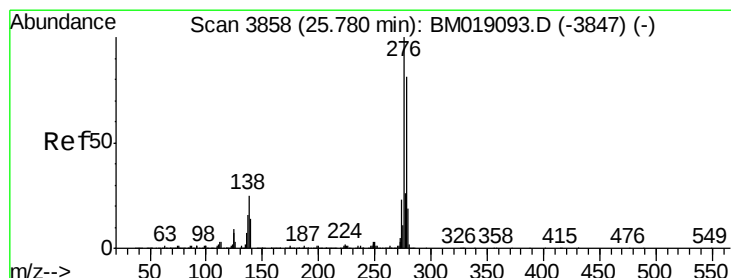
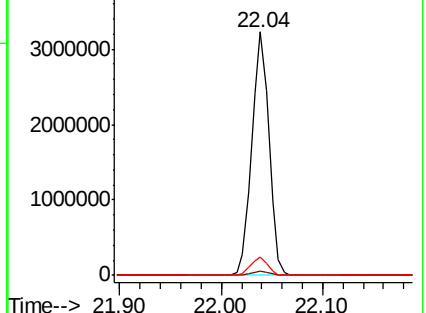
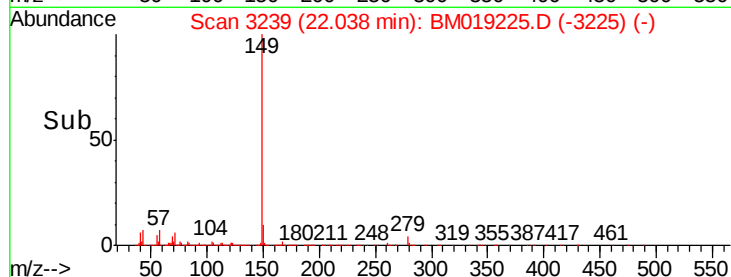
43 7.4 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.731 ng

RT: 25.76 min Scan# 3871

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

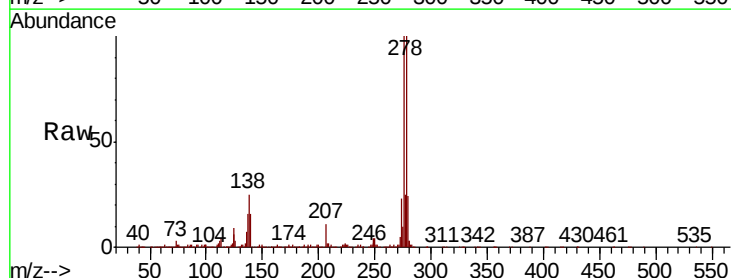
Tgt Ion:276 Resp: 2892961

Ion Ratio Lower Upper

276 100

138 24.5 19.8 29.8

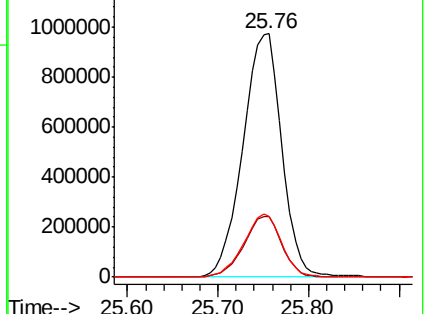
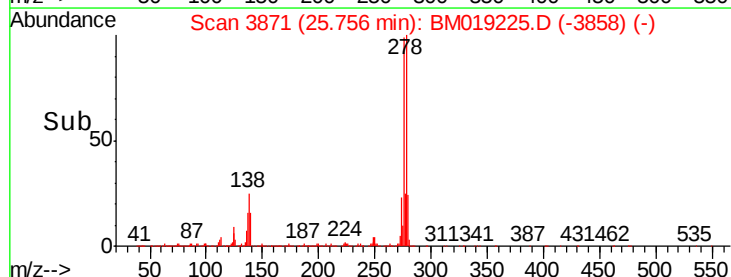
277 25.1 20.3 30.5

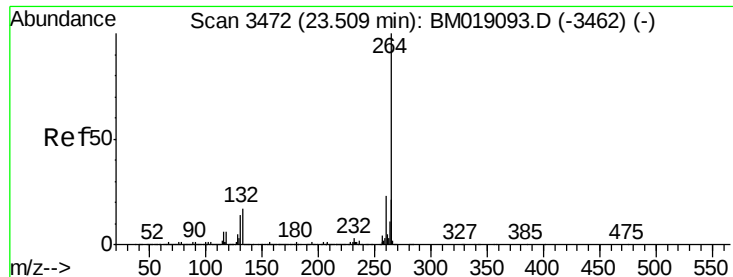


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.49 min Scan# 3486

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

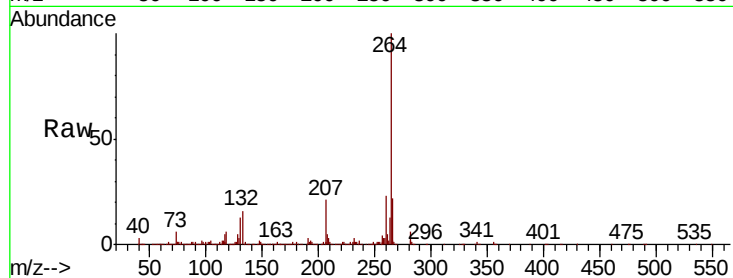
Tgt Ion:264 Resp: 893983

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 22.3 17.3 25.9

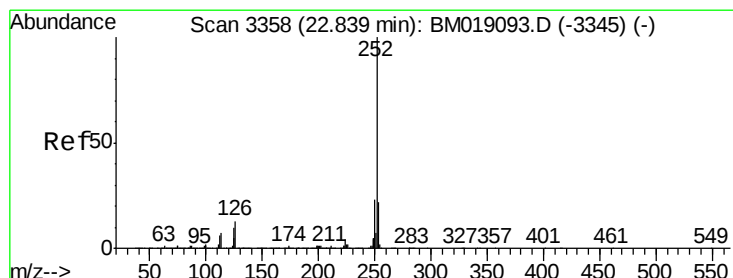
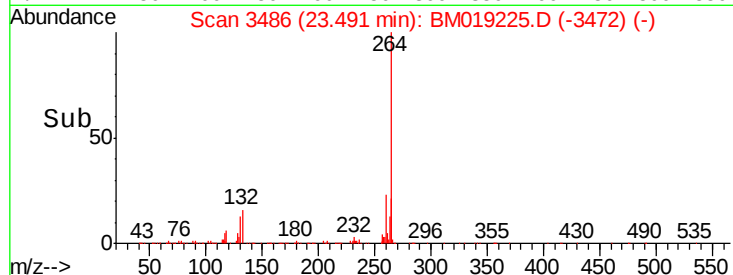
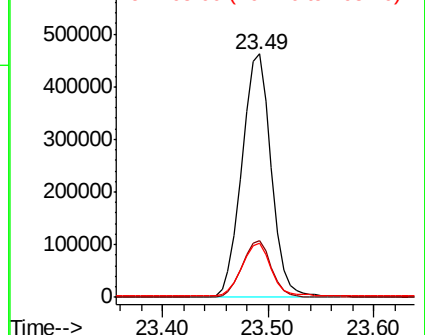


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.920 ng

RT: 22.81 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

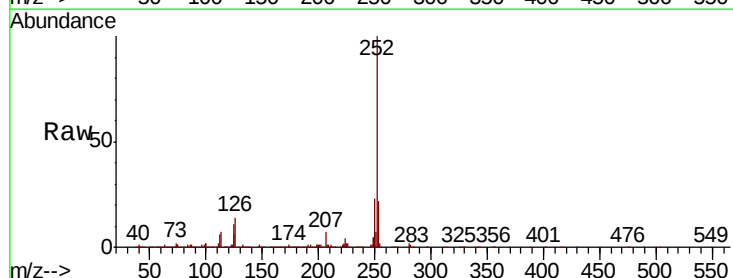
Tgt Ion:252 Resp: 2544175

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.6 8.1 12.1

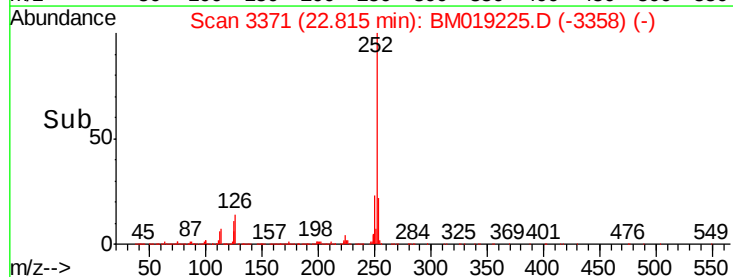
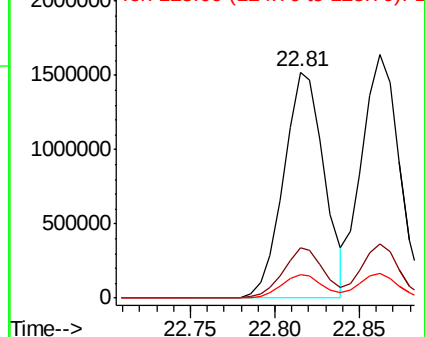


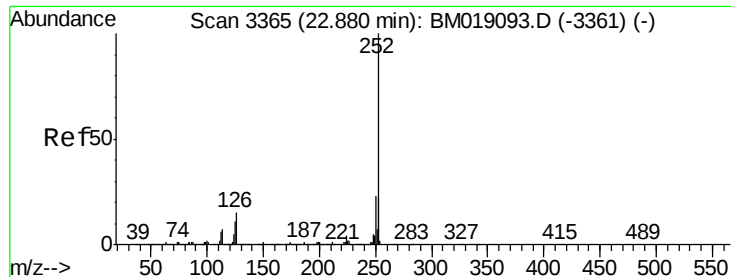
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.790 ng

RT: 22.86 min Scan# 3379

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

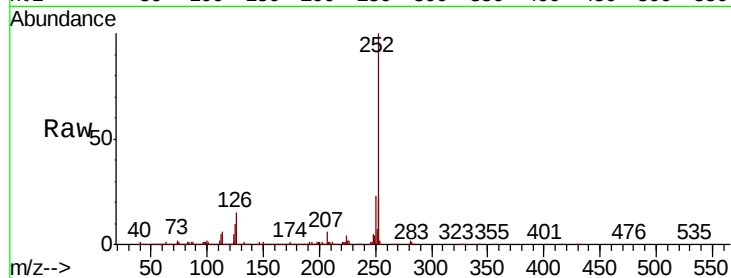
Tgt Ion:252 Resp: 2546281

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.2 8.8 13.2

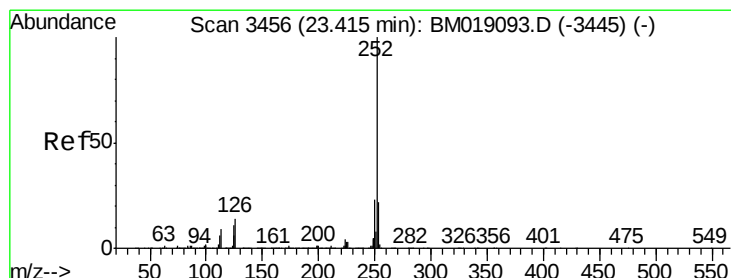
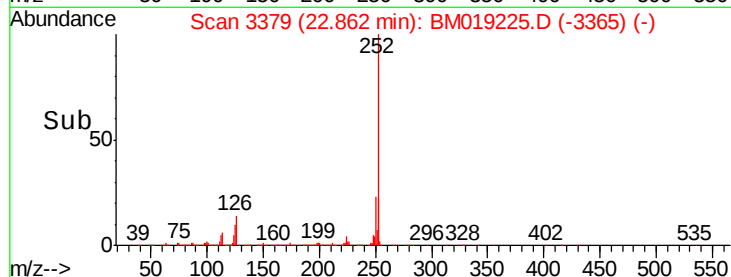
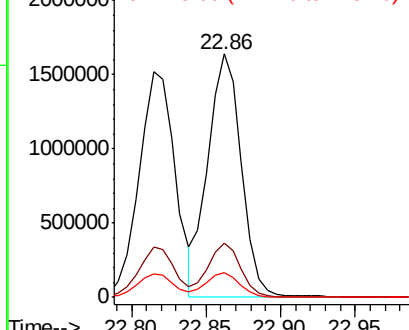


Abundance

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: 46.122 ng

RT: 23.39 min Scan# 3469

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

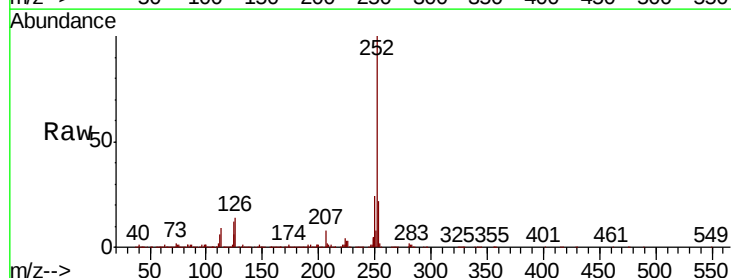
Tgt Ion:252 Resp: 2401011

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 11.6 9.2 13.8

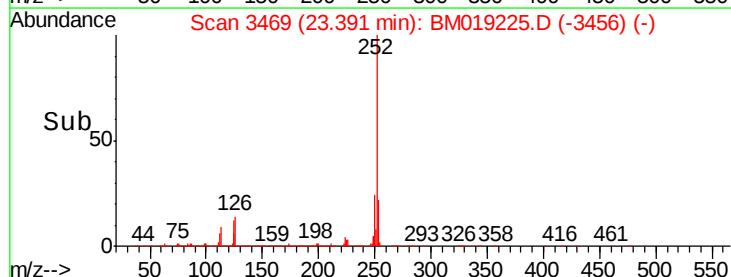
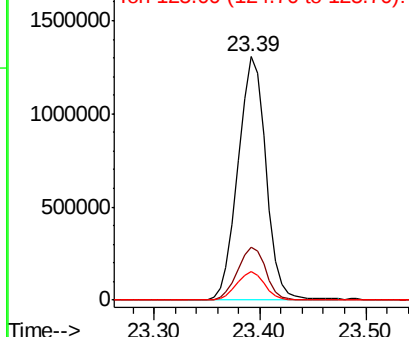


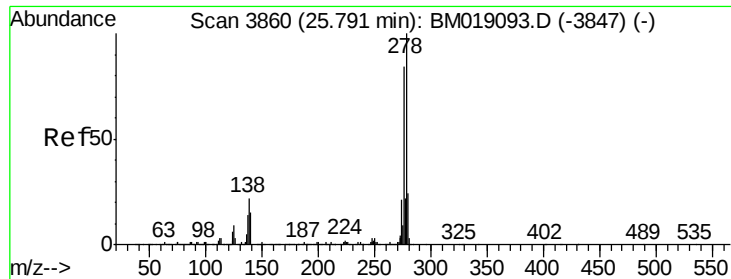
Abundance

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: 49.414 ng

RT: 25.76 min Scan# 3871

Delta R.T. -0.04 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

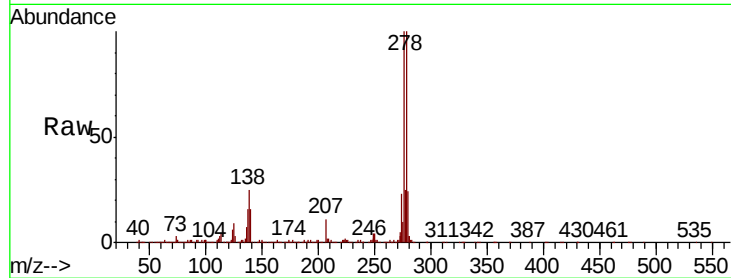
BNA_M

ClientSampleId :

PST-028-B100-031219MS

Tgt Ion:278 Resp: 2460729

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.3	18.5
279	24.2	18.9	28.3

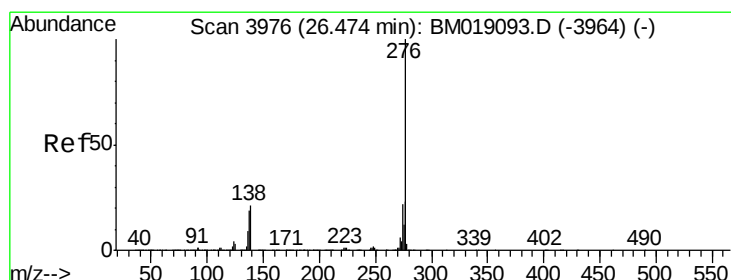
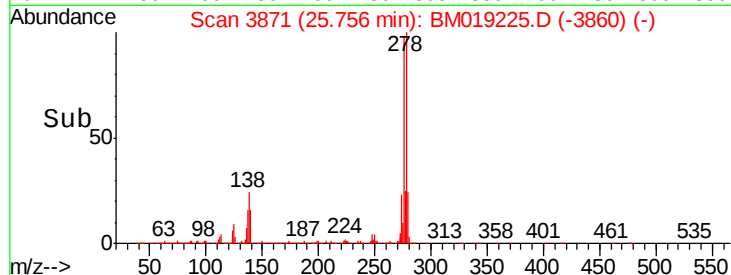
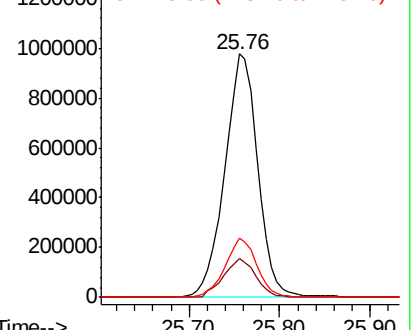


Abundance

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: 50.768 ng

RT: 26.44 min Scan# 3988

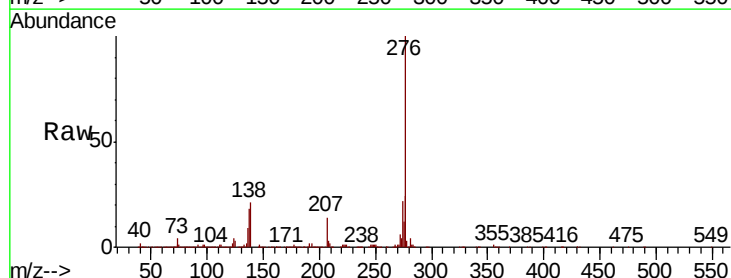
Delta R.T. -0.03 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Tgt Ion:276 Resp: 2321085

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	21.0	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

