

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
 Data File : BM019167.D
 Acq On : 14 Mar 2019 13:50
 Operator : JU/SJ
 Sample : PB117903BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117903BS

Quant Time: Mar 15 05:19:07 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	7.66	152	164175	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	717314	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	448120	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1015950	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	1072215	20.00	ng	0.00
87) Perylene-d12	23.50	264	959343	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1457513	143.77	ng	0.00
7) Phenol-d6	6.84	99	2084127	140.55	ng	0.00
23) Nitrobenzene-d5	8.82	82	1152477	75.95	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	921608	139.29	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2567934	74.54	ng	-0.01
79) Terphenyl-d14	19.70	244	4298156	79.58	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	204550	45.357	ng	99
3) Pyridine	3.62	79	456338	37.194	ng	99
4) n-Nitrosodimethylamine	3.53	42	138181	36.227	ng	90
6) Aniline	7.00	93	529577	27.662	ng	99
8) 2-Chlorophenol	7.22	128	509891	41.855	ng	98
9) Benzaldehyde	6.82	77	284580	30.511	ng	98
10) Phenol	6.86	94	696623	43.592	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	451688	37.041	ng	99
12) 1,3-Dichlorobenzene	7.54	146	486755	37.756	ng	100
13) 1,4-Dichlorobenzene	7.69	146	500192	38.056	ng	98
14) 1,2-Dichlorobenzene	8.00	146	485109	37.936	ng	99
15) Benzyl Alcohol	7.91	79	491560	40.054	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.19	45	454473	36.500	ng	99
17) 2-Methylphenol	8.10	107	449685	43.182	ng	99
18) Hexachloroethane	8.72	117	181384	37.139	ng	95
19) n-Nitroso-di-n-propylamine	8.47	70	445221	36.598	ng	98
20) 3+4-Methylphenols	8.43	107	619409	43.820	ng	99
22) Acetophenone	8.49	105	737053	37.181	ng	# 99
24) Nitrobenzene	8.87	77	629622	39.895	ng	100
25) Isophorone	9.39	82	1135006	39.198	ng	99
26) 2-Nitrophenol	9.57	139	267955	40.961	ng	97
27) 2,4-Dimethylphenol	9.63	122	494731	50.870	ng	100
28) bis(2-Chloroethoxy)methane	9.87	93	687972	40.126	ng	99
29) 2,4-Dichlorophenol	10.10	162	498899	46.319	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	486197	40.032	ng	98
31) Naphthalene	10.49	128	1493902	39.513	ng	100
32) Benzoic acid	9.79	122	303327	36.827	ng	99
33) 4-Chloroaniline	10.62	127	313364	20.219	ng	99
34) Hexachlorobutadiene	10.75	225	263013	37.736	ng	98
35) Caprolactam	11.44	113	87464	22.796	ng	100
36) 4-Chloro-3-methylphenol	11.75	107	591633	44.516	ng	100
37) 2-Methylnaphthalene	12.11	142	1148119	41.789	ng	99
38) 1-Methylnaphthalene	12.33	142	1096422	40.488	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	541377	38.192	ng	99

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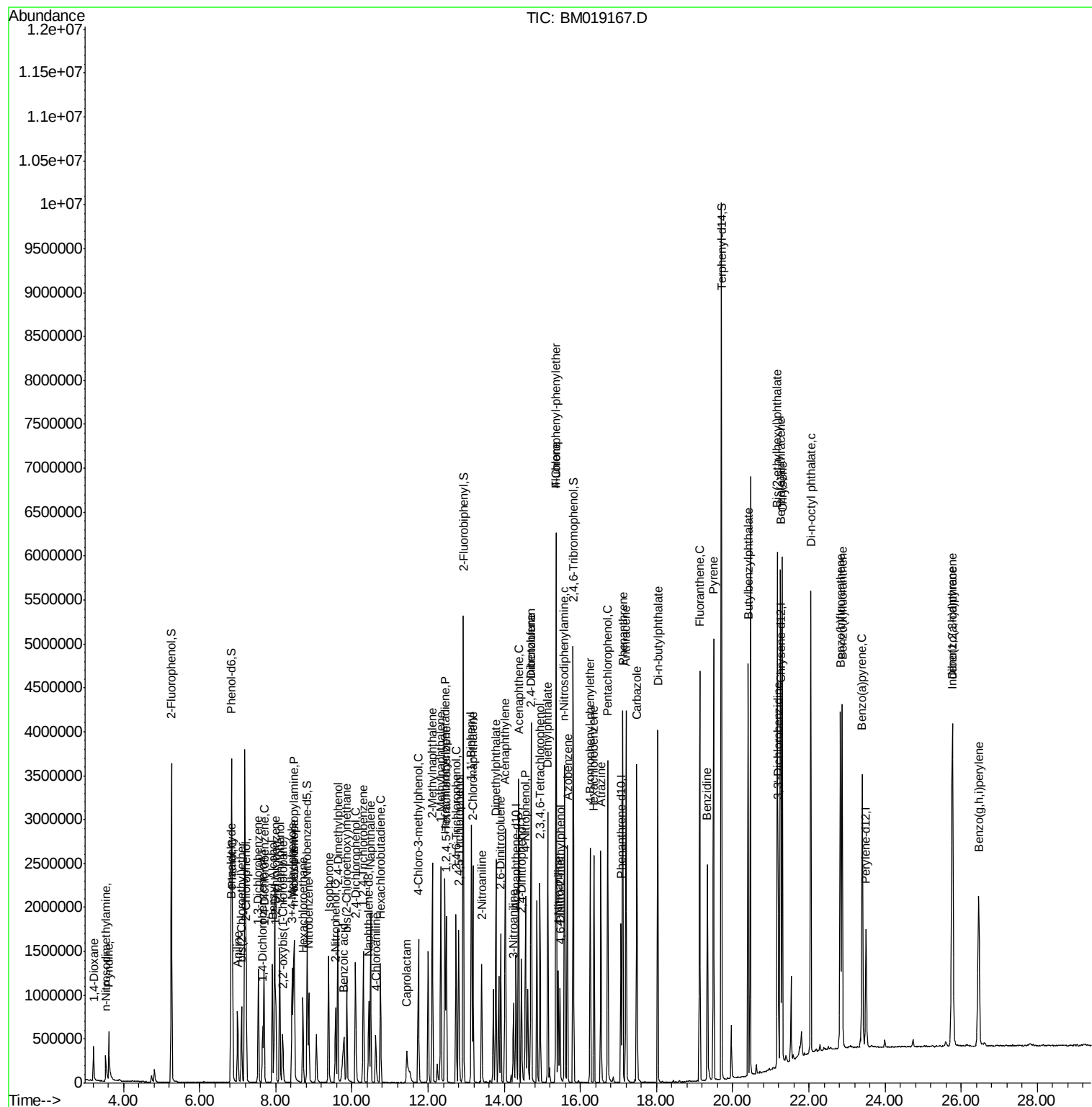
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	617588	96.185	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	410759	44.840	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	431994	44.100	ng	98
46) 1,1'-Biphenyl	13.13	154	1519281	38.822	ng	99
47) 2-Chloronaphthalene	13.18	162	1176954	40.291	ng	100
48) 2-Nitroaniline	13.41	65	409685	41.818	ng	96
49) Acenaphthylene	14.03	152	1950867	39.497	ng	100
50) Dimethylphthalate	13.78	163	1549512	40.421	ng	99
51) 2,6-Dinitrotoluene	13.91	165	343798	41.487	ng	99
52) Acenaphthene	14.37	154	1125496	39.656	ng	99
53) 3-Nitroaniline	14.25	138	223985	25.520	ng	97
54) 2,4-Dinitrophenol	14.46	184	313205	65.081	ng	97
55) Dibenzofuran	14.71	168	1829698	39.976	ng	99
56) 4-Nitrophenol	14.56	139	576366	80.431	ng	99
57) 2,4-Dinitrotoluene	14.70	165	482287	40.093	ng	98
58) Fluorene	15.36	166	1512586	40.093	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	396461	43.474	ng	99
60) Diethylphthalate	15.15	149	1601880	41.259	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	747258	40.781	ng	100
62) 4-Nitroaniline	15.42	138	319537	36.126	ng	99
63) Azobenzene	15.65	77	1691823	41.411	ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	227562	34.181	ng	99
66) n-Nitrosodiphenylamine	15.58	169	1328650	41.078	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	451020	40.258	ng	98
68) Hexachlorobenzene	16.36	284	530612	39.837	ng	98
69) Atrazine	16.54	200	455590	41.844	ng	100
70) Pentachlorophenol	16.72	266	623399	77.684	ng	99
71) Phenanthrene	17.11	178	2343026	39.347	ng	100
72) Anthracene	17.20	178	2387718	40.959	ng	99
73) Carbazole	17.48	167	2177391	39.574	ng	99
74) Di-n-butylphthalate	18.03	149	2710351	40.736	ng	100
75) Fluoranthene	19.13	202	2675257	39.152	ng	99
77) Benzidine	19.33	184	1374528	45.202	ng	99
78) Pyrene	19.50	202	2751974	40.566	ng	99
80) Butylbenzylphthalate	20.40	149	1289851	43.652	ng	99
81) Benzo(a)anthracene	21.25	228	2625990	39.038	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	660848	25.502	ng	100
83) Chrysene	21.30	228	2521943	38.754	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	1903206	44.273	ng	99
85) Di-n-octyl phthalate	22.05	149	3300808	45.600	ng	100
86) Indeno(1,2,3-cd)pyrene	25.76	276	2541331	36.277	ng	100
88) Benzo(b)fluoranthene	22.83	252	2515016	40.458	ng	100
89) Benzo(k)fluoranthene	22.87	252	2464778	43.108	ng	99
90) Benzo(a)pyrene	23.40	252	2313387	41.411	ng	100
91) Dibenzo(a,h)anthracene	25.77	278	2166206	40.536	ng	99
92) Benzo(g,h,i)perylene	26.46	276	2032049	41.418	ng	100

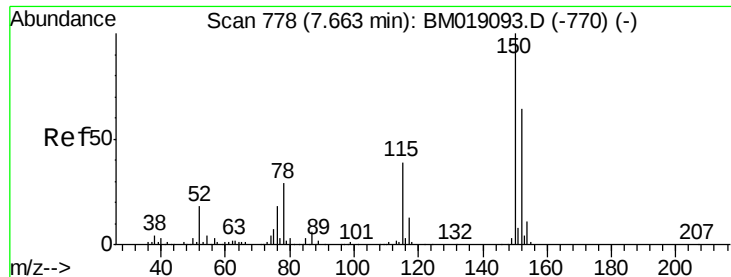
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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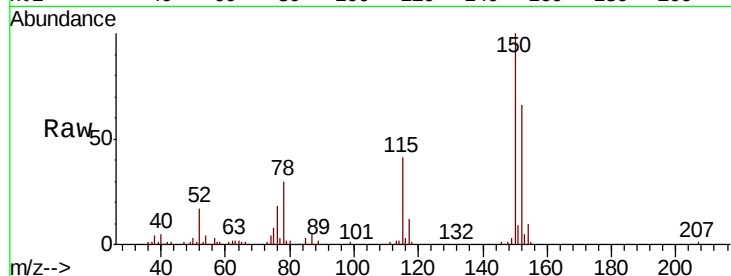


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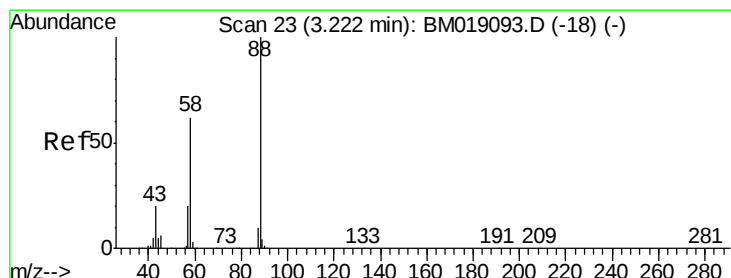
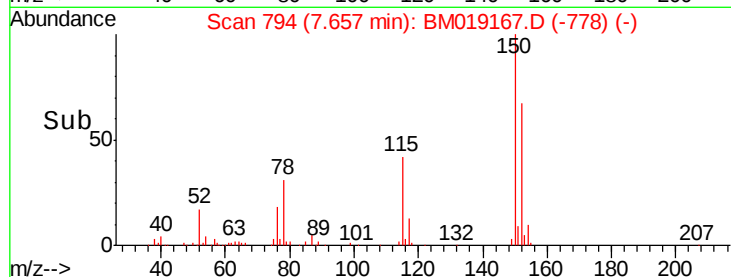
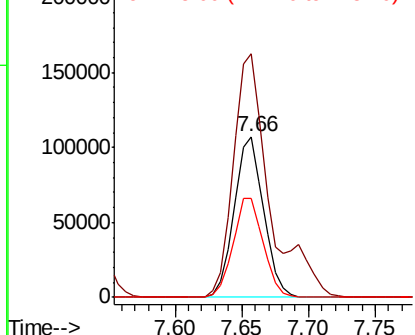
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Instrument :
BNA_M
ClientSampleId :
PB117903BS

Tot Ion:152 Resp: 164175
Ion Ratio Lower Upper
152 100
150 151.6 125.3 187.9
115 61.9 49.4 74.0



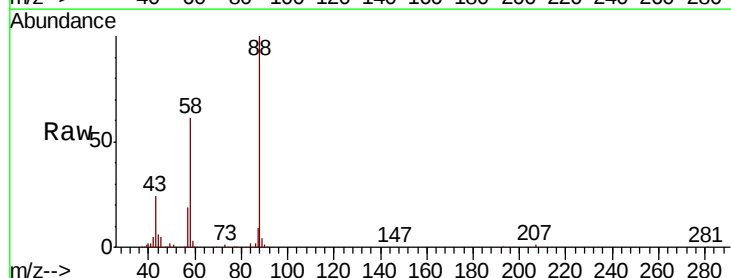
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



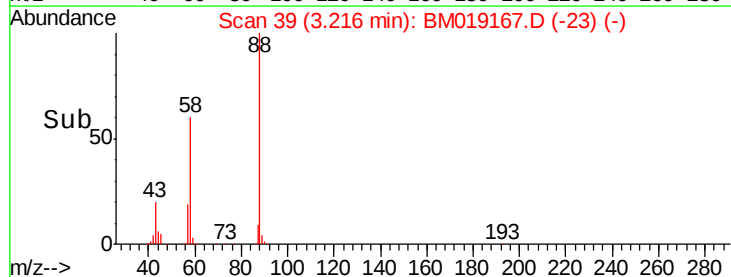
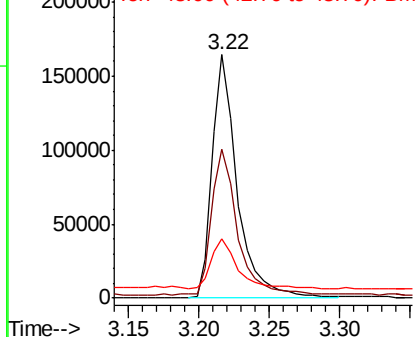
#2

1,4-Dioxane
Concen: 45.357 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion: 88 Resp: 204550
Ion Ratio Lower Upper
88 100
58 61.8 50.0 75.0
43 22.1 17.0 25.4



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





#3

Pvridine

Concen: 37.194 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

BNA_M

ClientSampleId :

PB117903BS

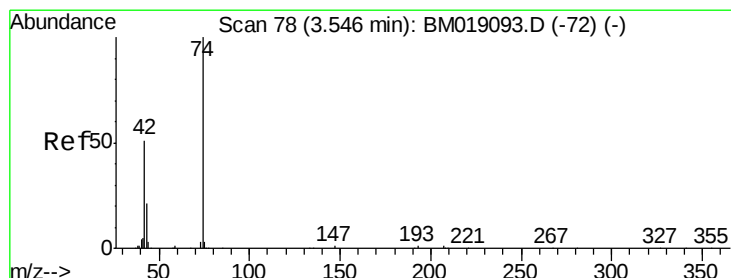
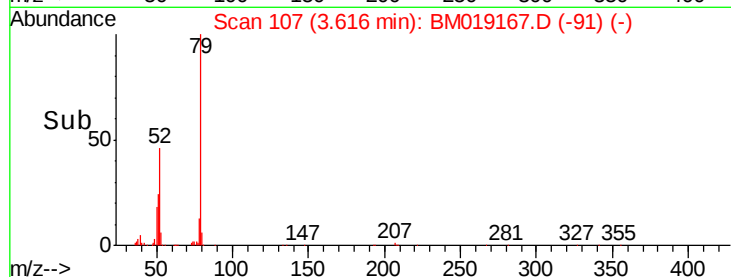
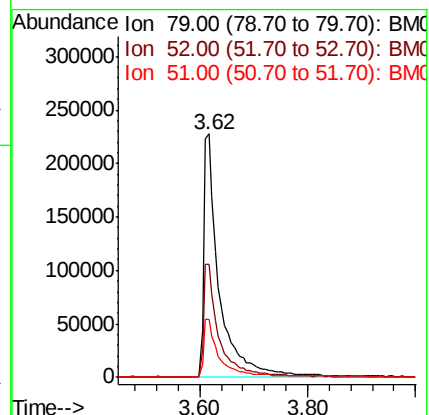
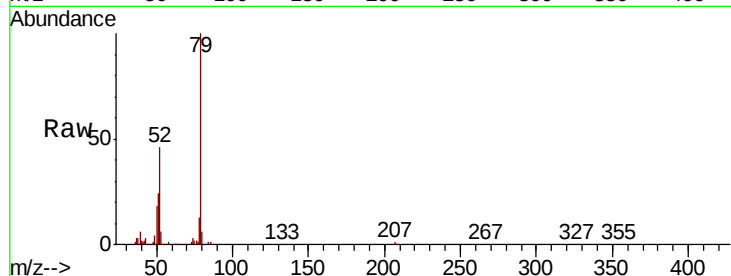
Tot Ion: 79 Resp: 456338

Ion Ratio Lower Upper

79 100

52 46.3 37.5 56.3

51 24.0 19.2 28.8



#4

n-Nitrosodimethylamine

Concen: 36.227 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

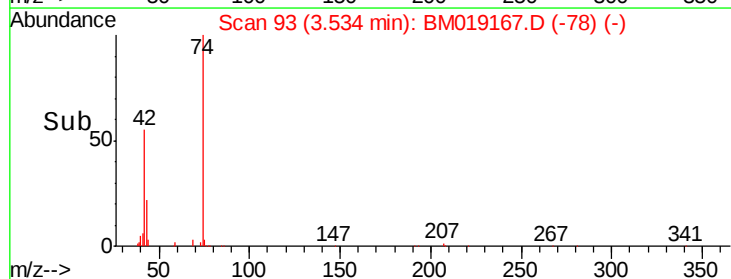
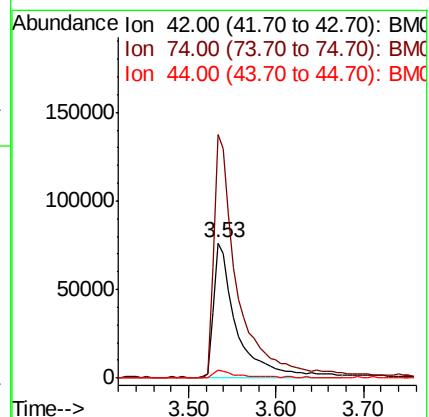
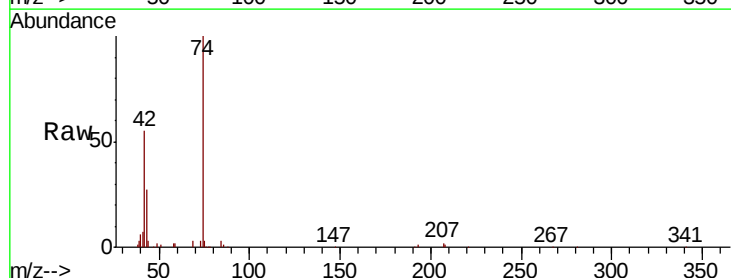
Tgt Ion: 42 Resp: 138181

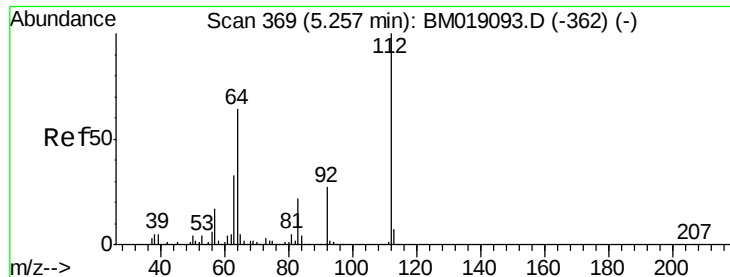
Ion Ratio Lower Upper

42 100

74 180.5 156.3 234.5

44 6.1 4.6 7.0





#5

2-Fluorophenol

Concen: 143.774 ng

RT: 5.26 min Scan# 386

Delta R.T. 0.00 min

Lab File: BM019167.D

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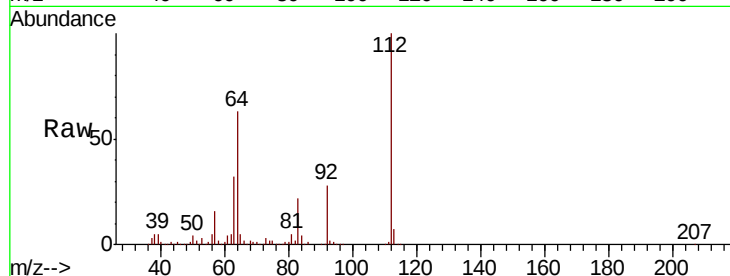
Tot Ion:112 Resp: 1457513

Ion Ratio Lower Upper

112 100

64 62.6 51.4 77.0

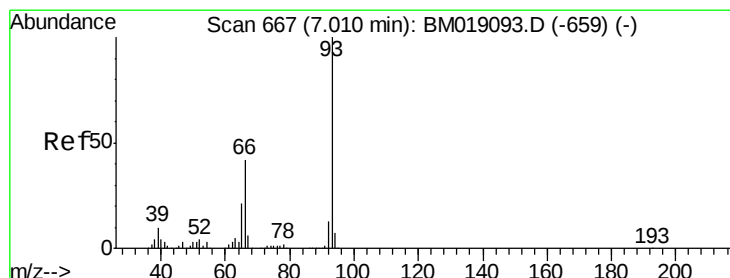
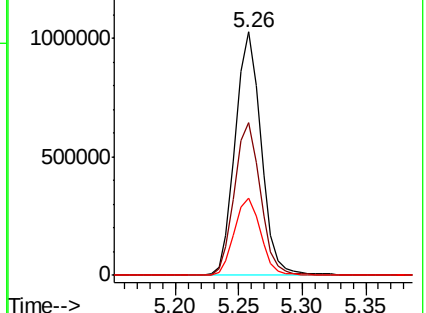
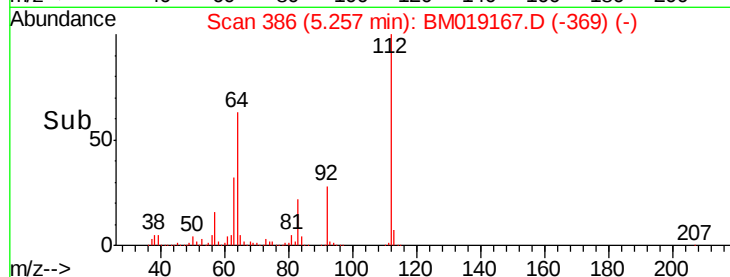
63 32.0 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 27.662 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

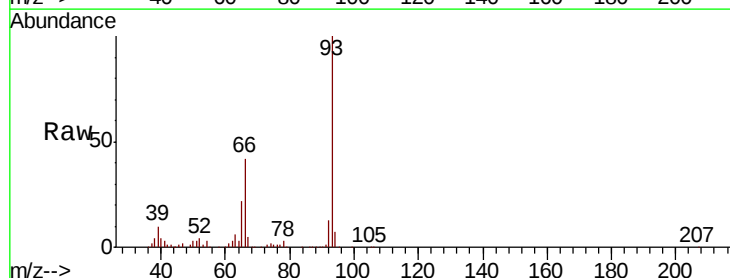
Tgt Ion: 93 Resp: 529577

Ion Ratio Lower Upper

93 100

66 42.0 33.4 50.2

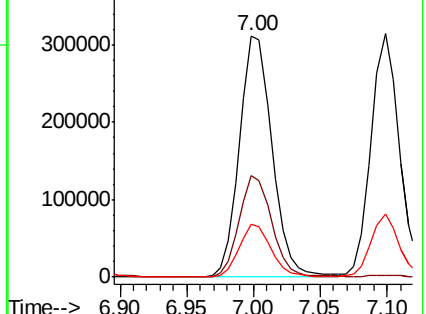
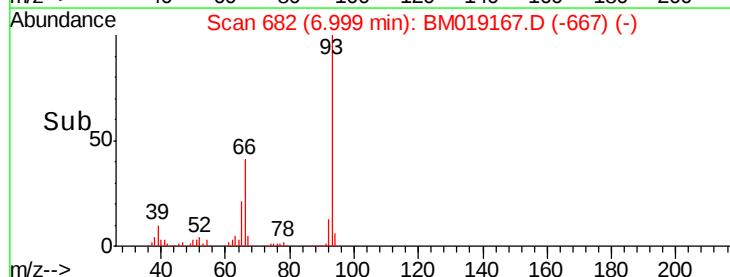
65 21.7 16.8 25.2

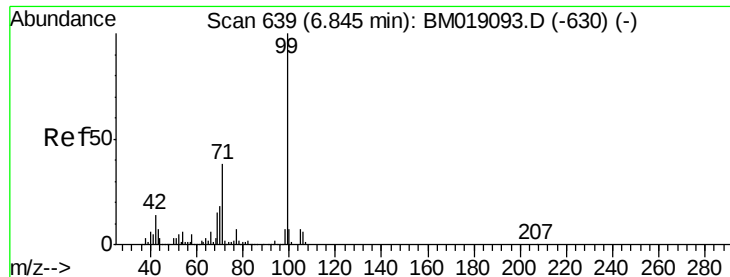


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 140.551 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

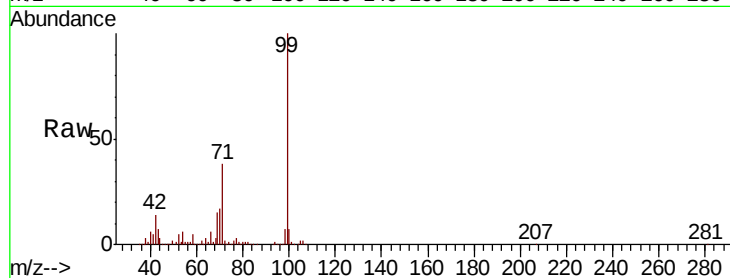
BNA_M

ClientSampleId :

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Tot Ion: 99 Resp: 2084127

Ion	Ratio	Lower	Upper
99	100		
42	14.0	10.9	16.3
71	38.2	30.3	45.5

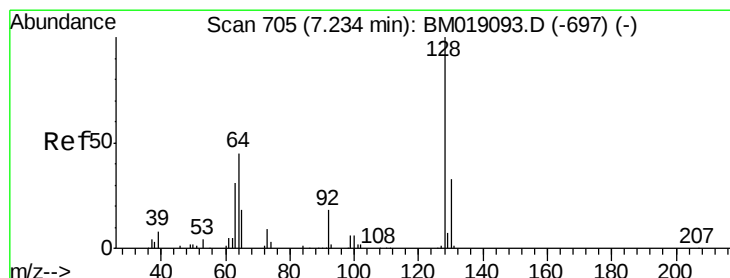
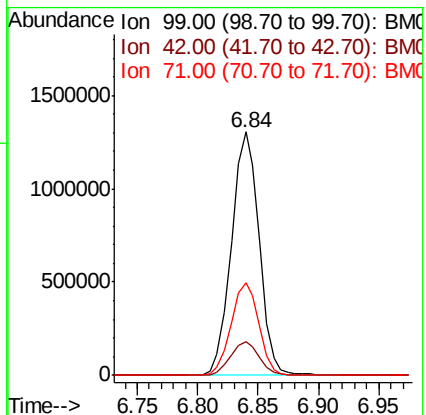
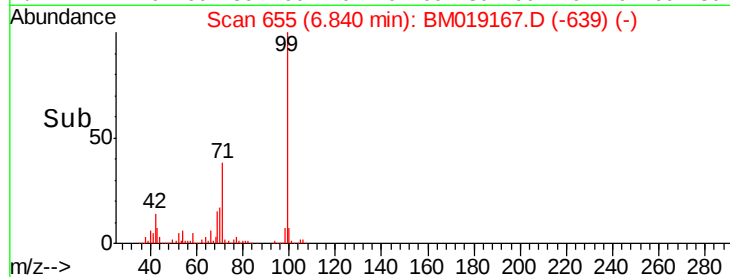


Abundance

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: 41.855 ng

RT: 7.22 min Scan# 720

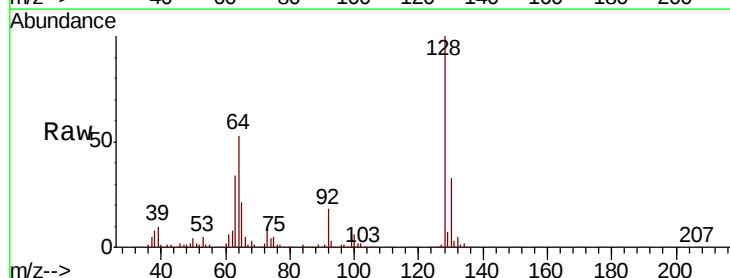
Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Tgt Ion: 128 Resp: 509891

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.8	52.8
64	53.0	30.8	70.8

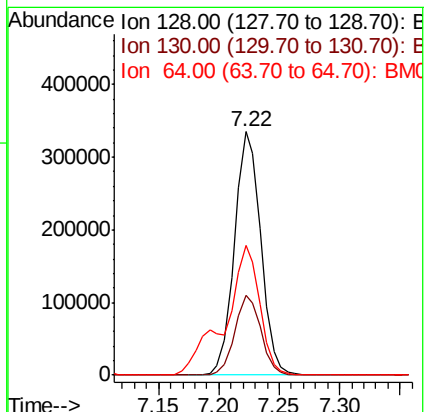
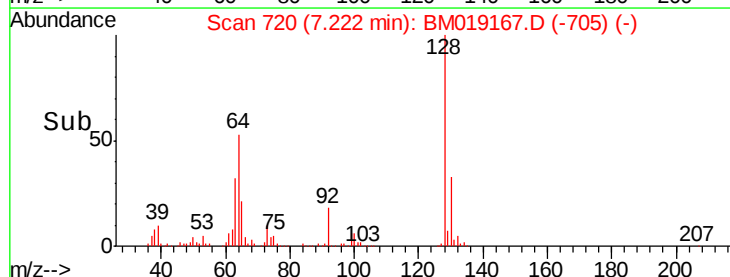


Abundance

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: 30.511 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.01 min

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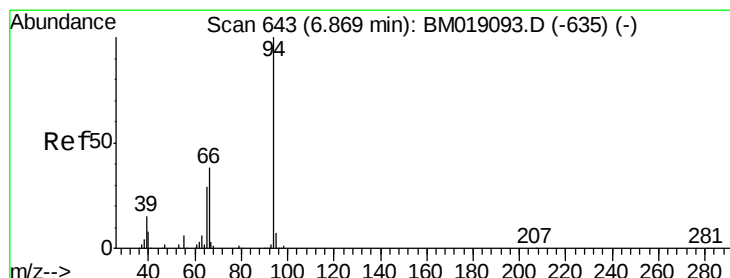
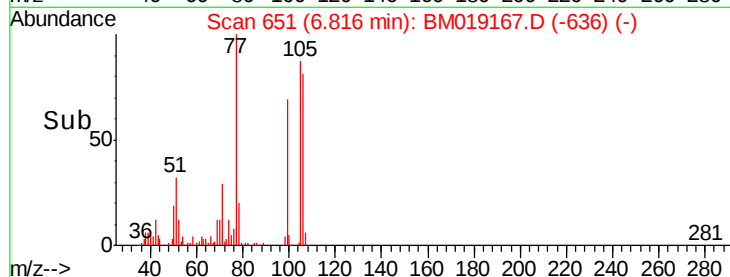
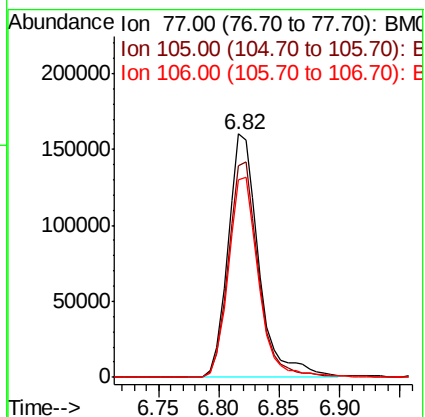
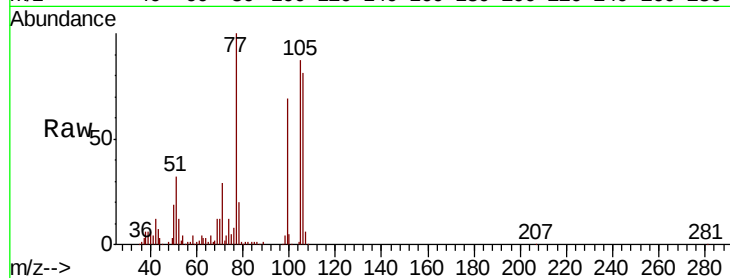
Tot Ion: 77 Resp: 284580

Ion Ratio Lower Upper

77 100

105 86.9 67.7 107.7

106 81.2 64.1 104.1



#10

Phenol

Concen: 43.592 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

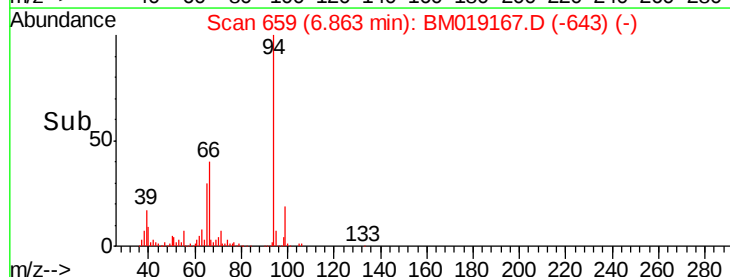
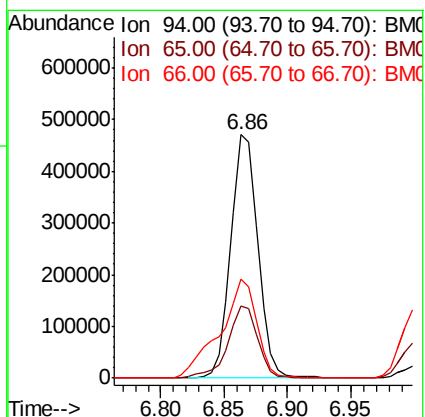
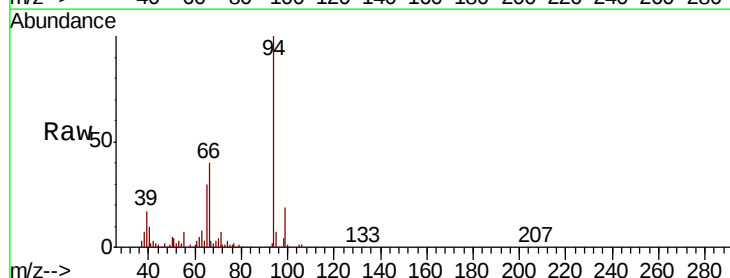
Tgt Ion: 94 Resp: 696623

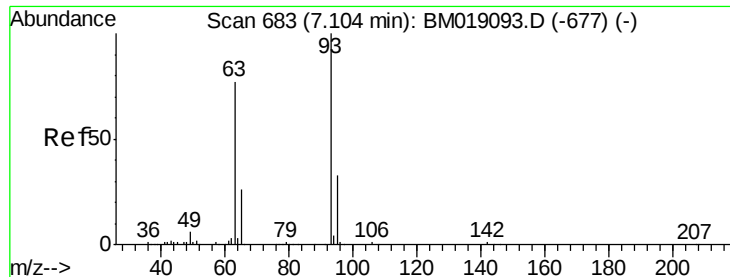
Ion Ratio Lower Upper

94 100

65 29.7 9.7 49.7

66 40.4 19.2 59.2

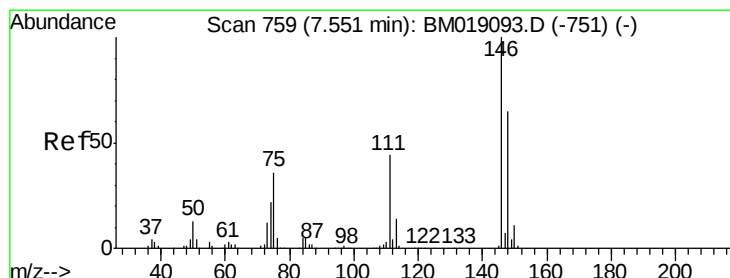
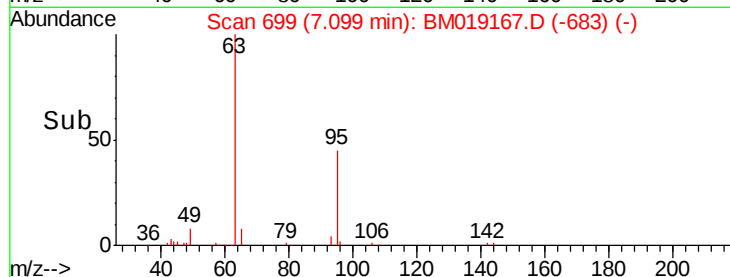
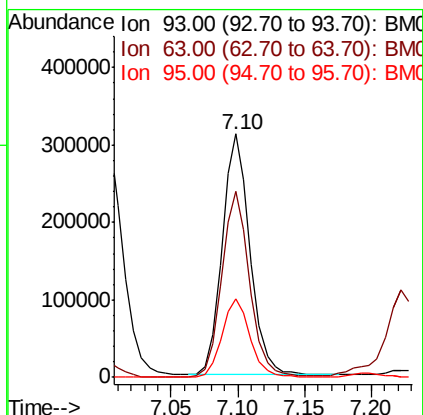
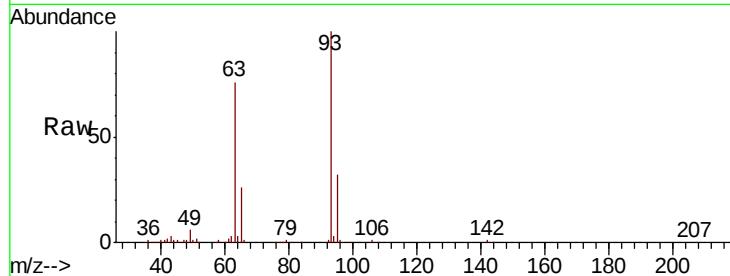




#11
bis(2-Chloroethyl)ether
Concen: 37.041 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

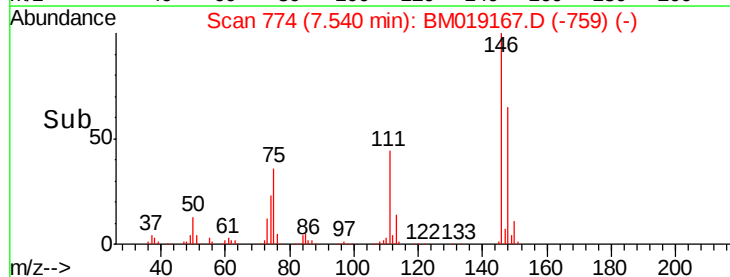
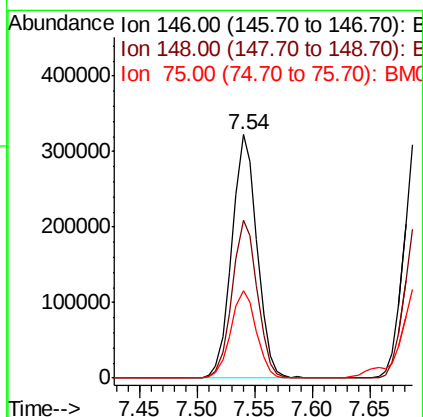
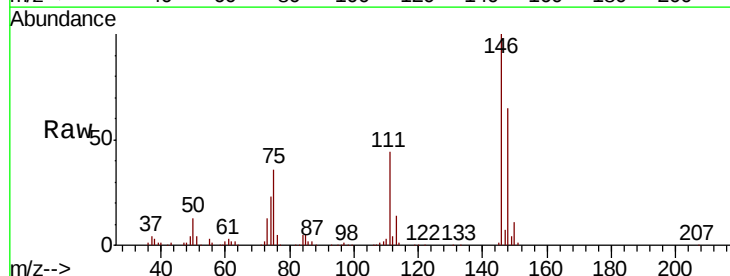
Instrument :
BNA_M
ClientSampleId :
PB117903BS

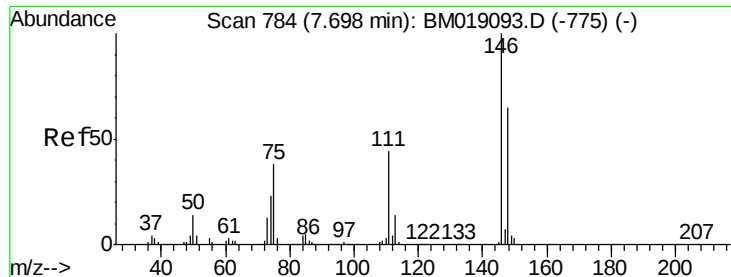
Tot Ion: 93 Resp: 451688
Ion Ratio Lower Upper
93 100
63 76.5 56.6 96.6
95 32.0 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 37.756 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion: 146 Resp: 486755
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
75 35.8 29.1 43.7

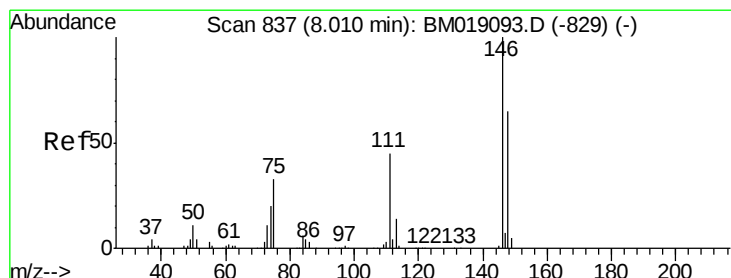
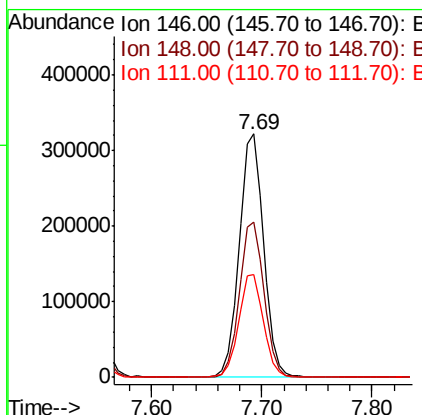
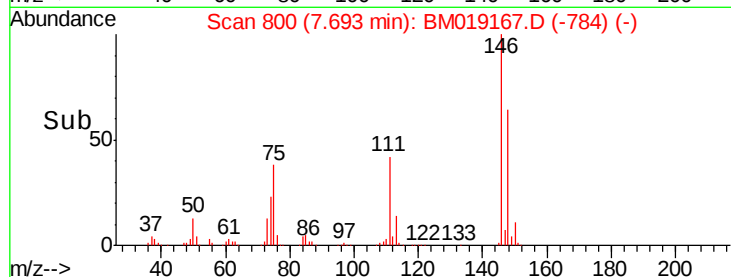
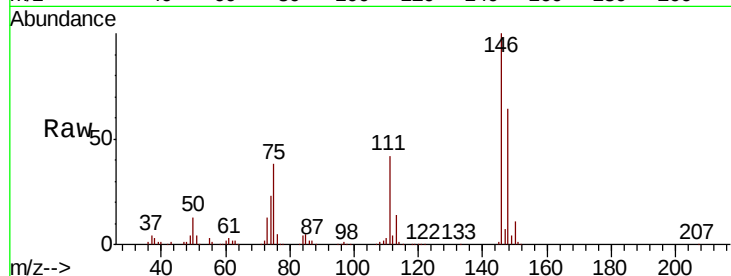




#13
 1,4-Dichlorobenzene
 Concen: 38.056 ng
 RT: 7.69 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM019167.D
 Acq: 14 Mar 2019 13:50

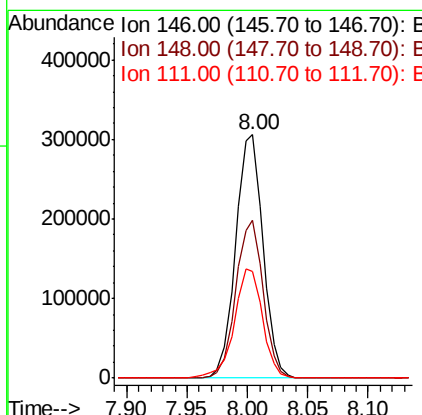
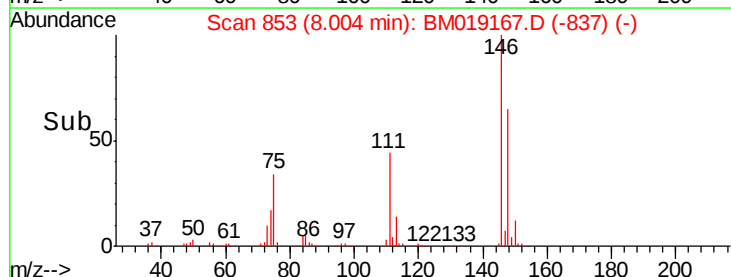
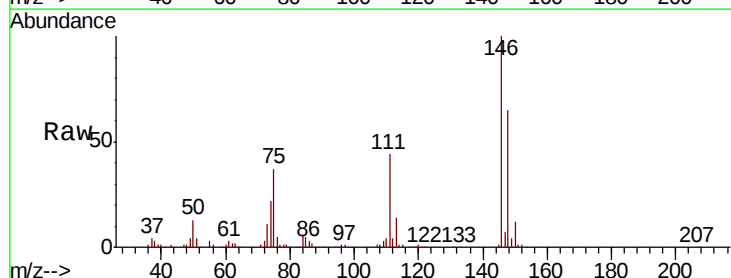
Instrument :
 BNA_M
 ClientSampleId :
 PB117903BS

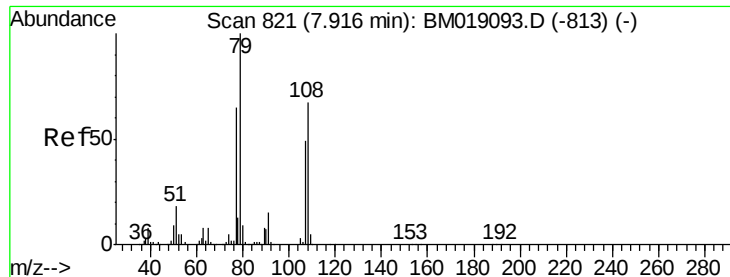
Tot Ion:146 Resp: 500192
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.6
 111 42.1 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 37.936 ng
 RT: 8.00 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM019167.D
 Acq: 14 Mar 2019 13:50

Tgt Ion:146 Resp: 485109
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.8 77.6
 111 43.7 36.2 54.4





#15

Benzyl Alcohol

Concen: 40.054 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

BNA_M

ClientSampleId :

PB117903BS

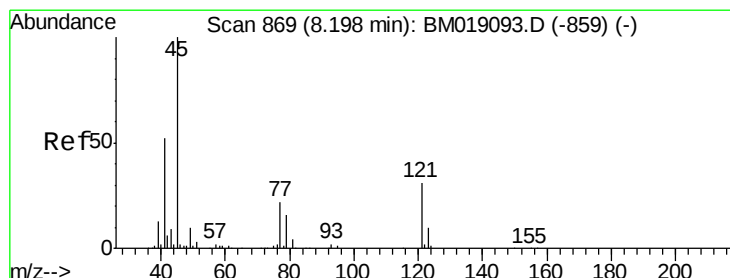
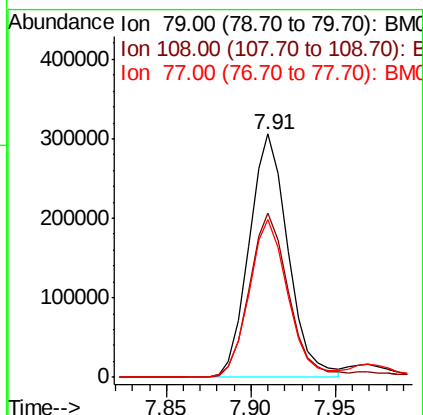
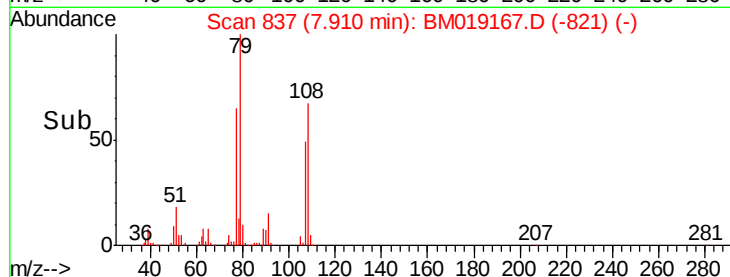
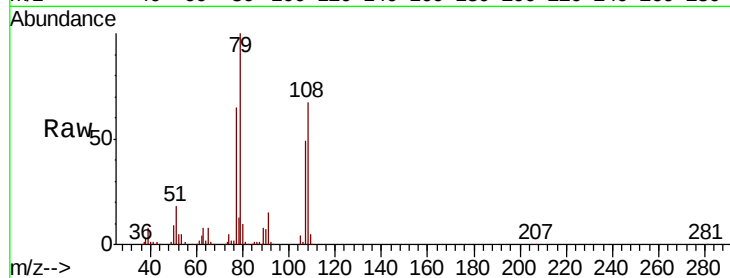
Tot Ion: 79 Resp: 491560

Ion Ratio Lower Upper

79 100

108 67.2 53.7 80.5

77 64.9 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.500 ng

RT: 8.19 min Scan# 884

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

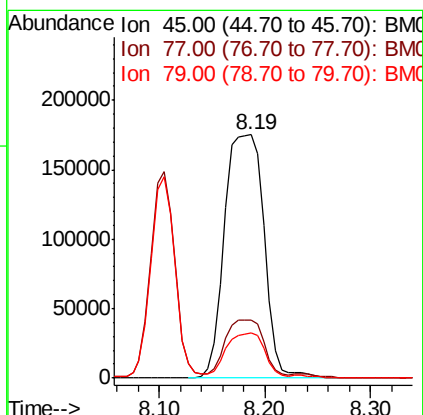
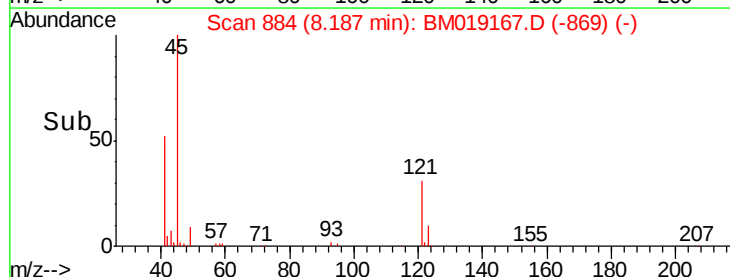
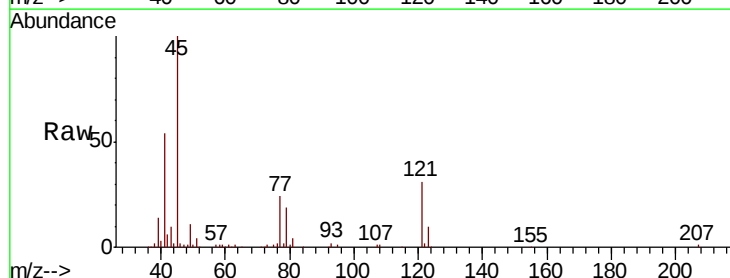
Tgt Ion: 45 Resp: 454473

Ion Ratio Lower Upper

45 100

77 23.8 4.1 44.1

79 18.6 0.0 38.1

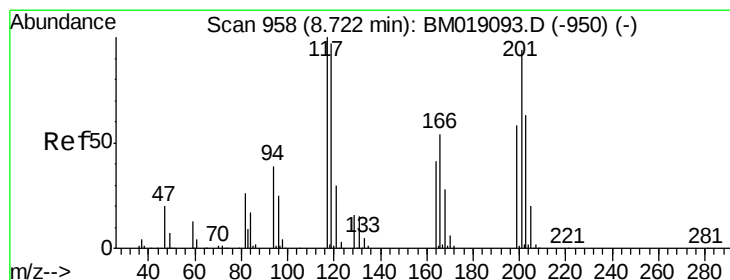
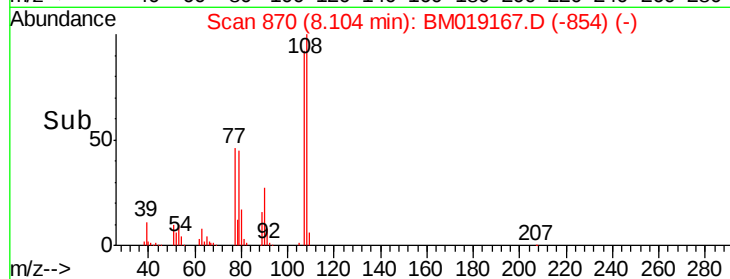
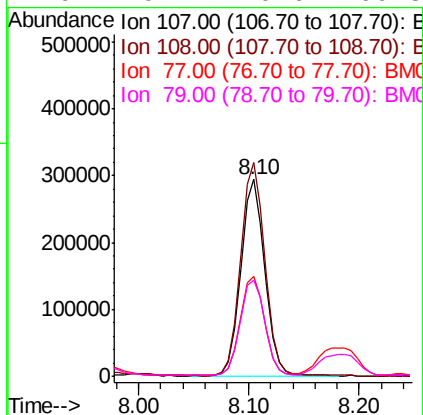
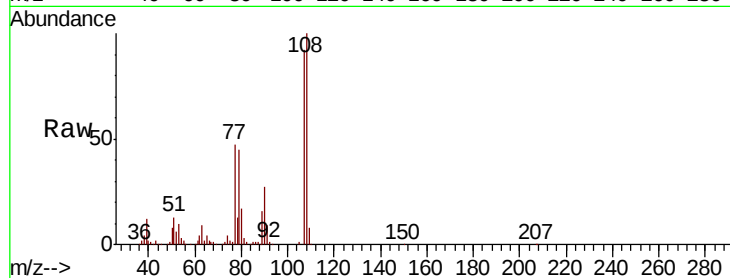




#17
2-Methylphenol
Concen: 43.182 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

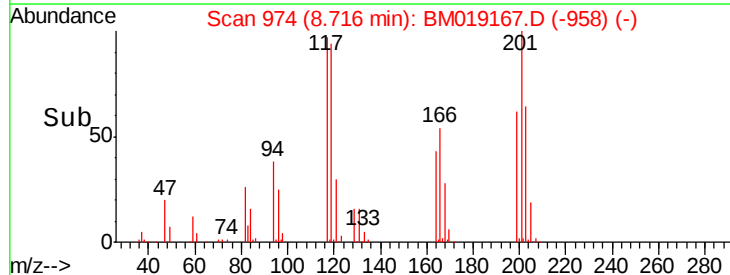
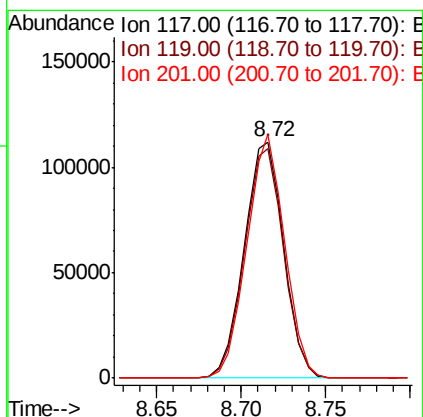
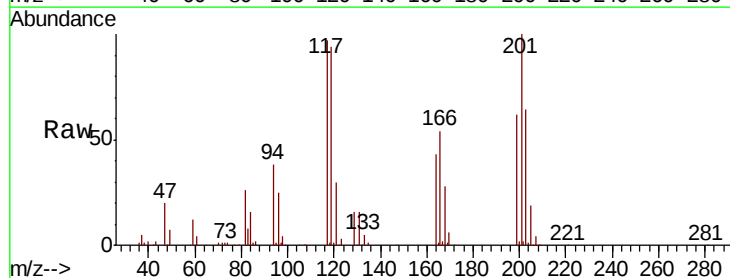
Instrument :
BNA_M
ClientSampleId :
PB117903BS

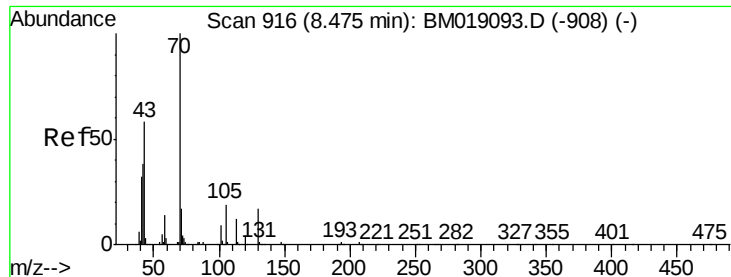
Tot Ion:	107	Resp:	449685
Ion	Ratio	Lower	Upper
107	100		
108	108.6	87.4	131.2
77	50.6	41.6	62.4
79	49.1	40.6	60.8



#18
Hexachloroethane
Concen: 37.139 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion:	117	Resp:	181384
Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.4	116.2
201	103.1	75.2	112.8

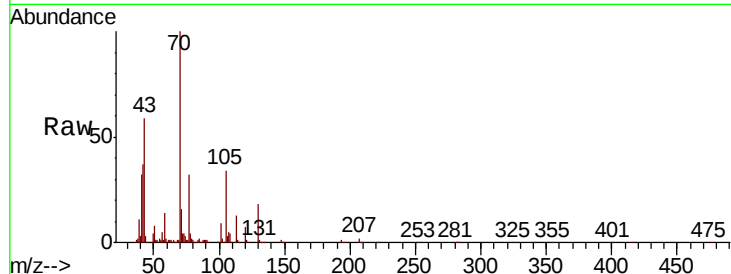




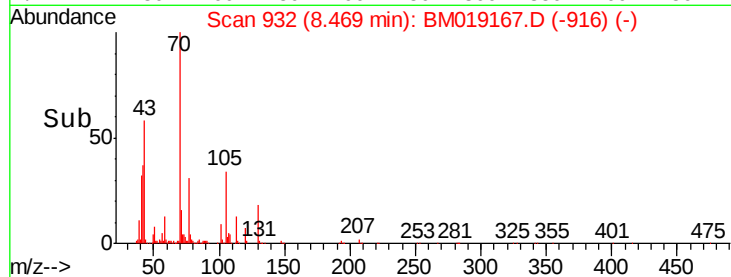
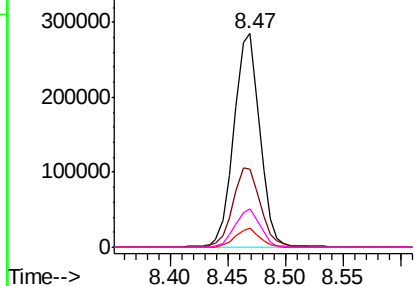
#19
n-Nitroso-di-n-propylamine
Concen: 36.598 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Instrument :
BNA_M
ClientSampleId :
PB117903BS

Tot Ion: 70 Resp: 445221
Ion Ratio Lower Upper
70 100
42 36.8 30.6 45.8
101 8.8 6.8 10.2
130 17.8 13.9 20.9



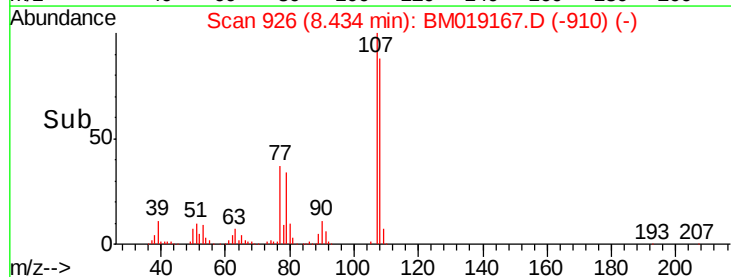
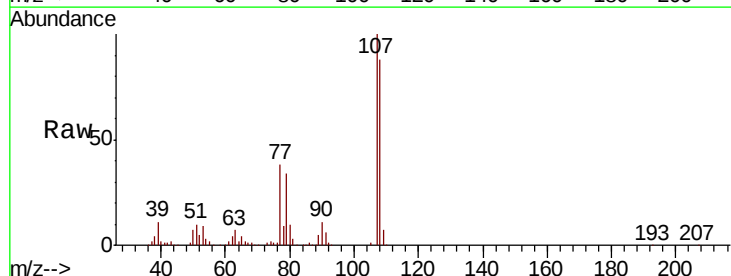
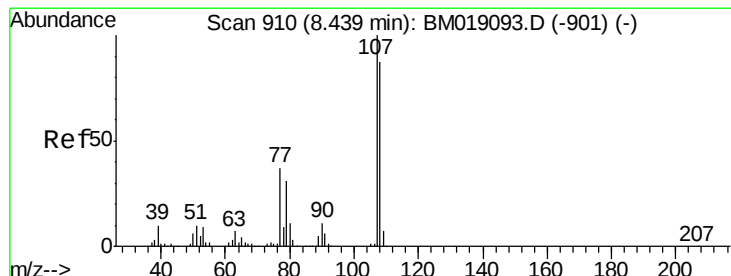
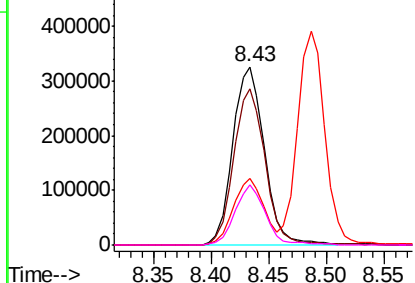
Abundance Ion 70.00 (69.70 to 70.70): BM019093.D (-908) (-)
Ion 42.00 (41.70 to 42.70): BM019093.D (-908) (-)
Ion 101.00 (100.70 to 101.70): BM019093.D (-908) (-)
Ion 130.00 (129.70 to 130.70): BM019093.D (-908) (-)

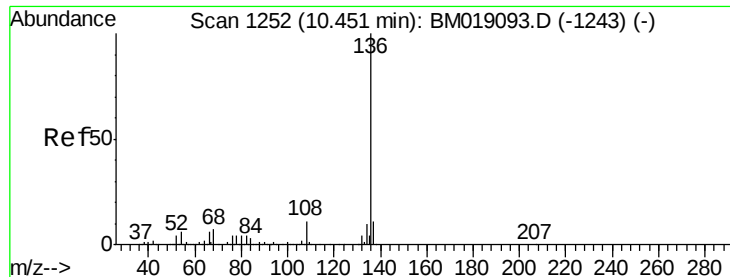


#20
3+4-Methylphenols
Concen: 43.820 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion: 107 Resp: 619409
Ion Ratio Lower Upper
107 100
108 87.9 67.0 107.0
77 37.5 17.3 57.3
79 33.9 11.6 51.6

Abundance Ion 107.00 (106.70 to 107.70): BM019167.D (-910) (-)
Ion 108.00 (107.70 to 108.70): BM019167.D (-910) (-)
Ion 77.00 (76.70 to 77.70): BM019167.D (-910) (-)
Ion 79.00 (78.70 to 79.70): BM019167.D (-910) (-)

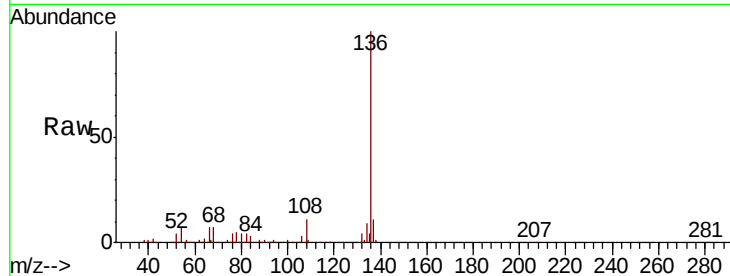




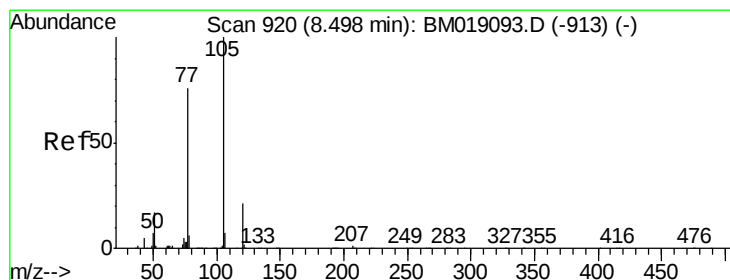
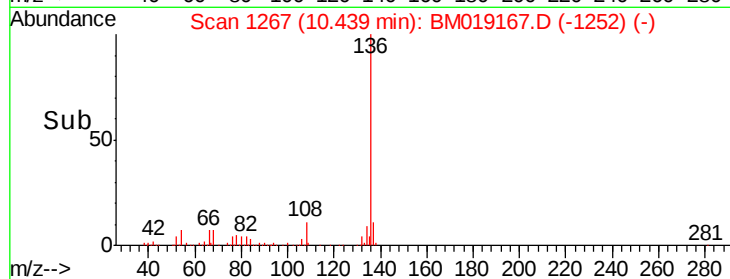
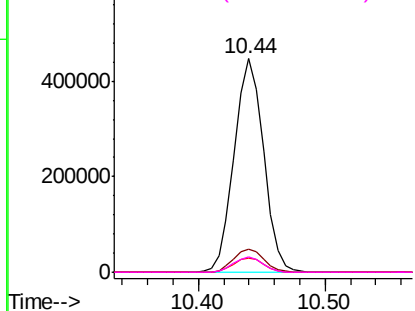
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Instrument :
BNA_M
ClientSampleId :
PB117903BS

Tot Ion:136	Resp:	717314
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.6	13.0
54 6.7	5.2	7.8
68 7.1	5.8	8.8

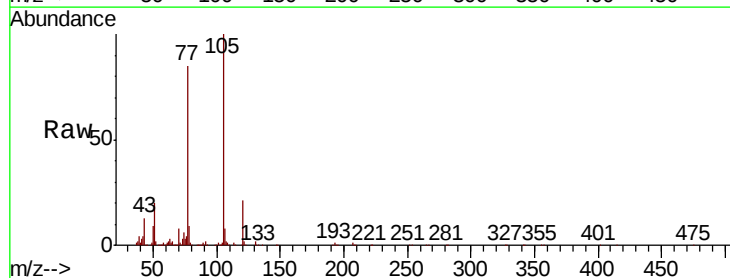


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

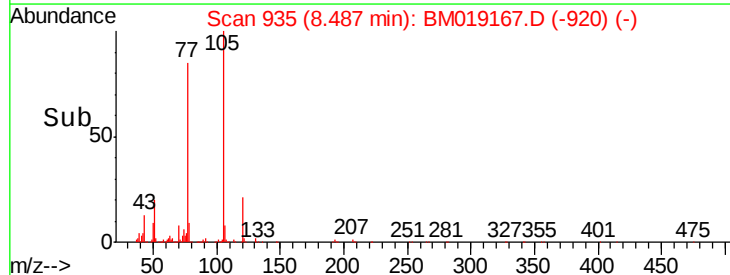
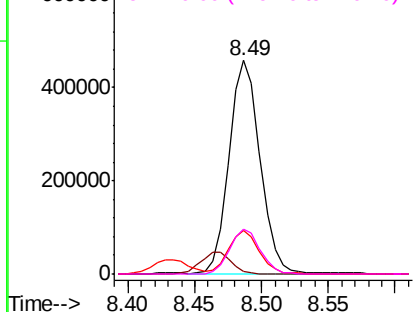


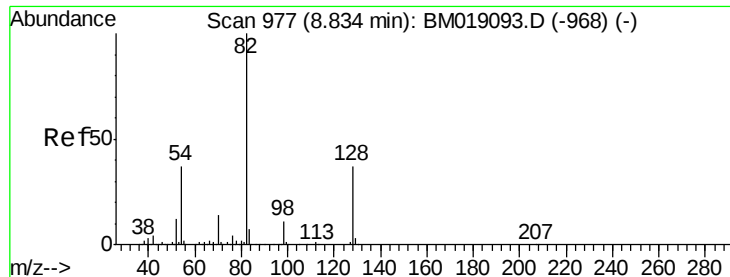
#22
Acetophenone
Concen: 37.181 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt	Ion:105	Resp:	737053
Ion	Ratio	Lower	Upper
105	100		
71	1.3	0.8	1.2#
51	20.4	15.8	23.6
120	20.7	17.0	25.4



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

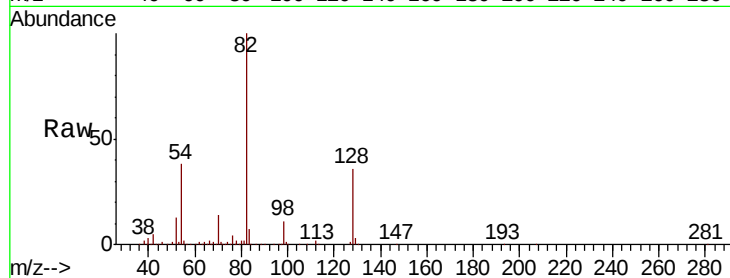




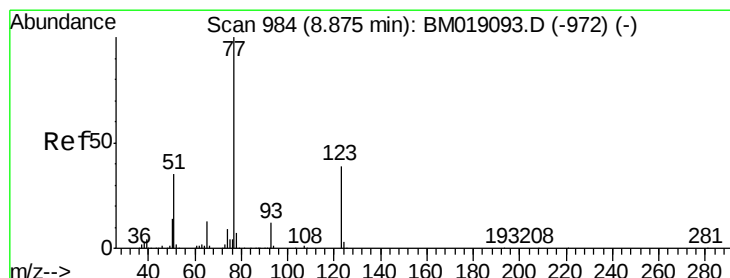
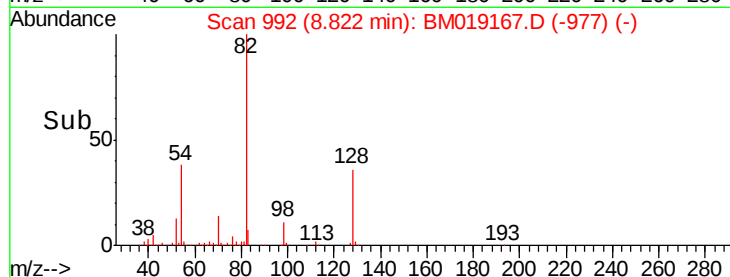
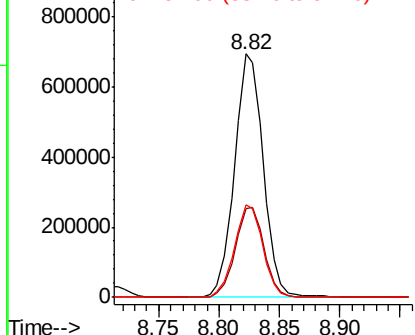
#23
Nitrobenzene-d5
Concen: 75.947 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Instrument :
BNA_M
ClientSampleId :
PB117903BS

Tot Ion: 82 Resp: 1152477
Ion Ratio Lower Upper
82 100
128 36.2 29.4 44.2
54 38.0 29.9 44.9

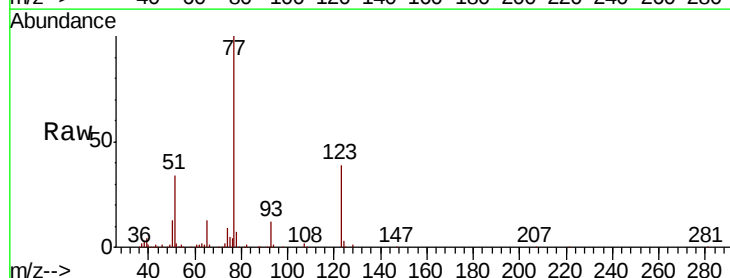


Abundance Ion 82.00 (81.70 to 82.70): BM019167.D (-977) (-)
Ion 128.00 (127.70 to 128.70): BM019167.D (-977) (-)
Ion 54.00 (53.70 to 54.70): BM019167.D (-977) (-)

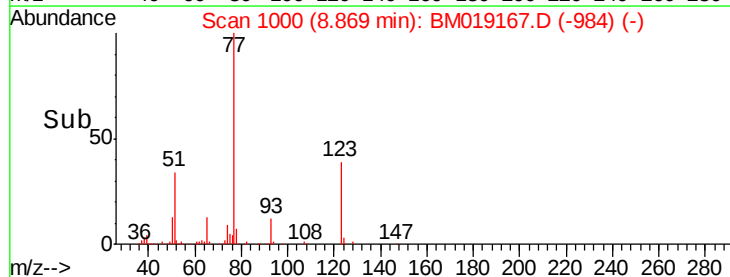
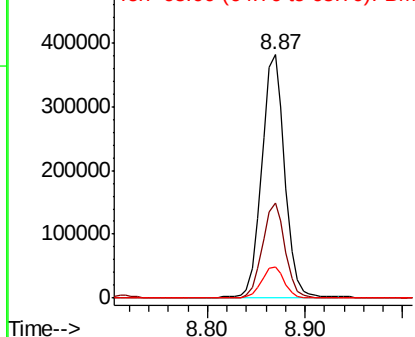


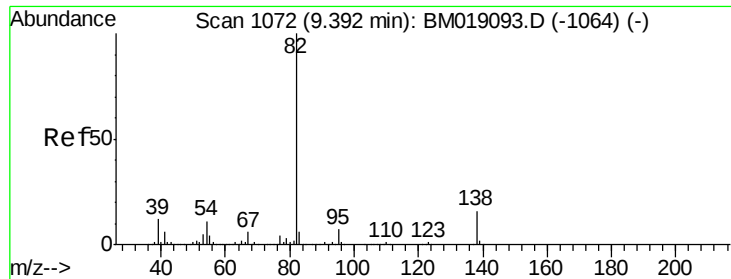
#24
Nitrobenzene
Concen: 39.895 ng
RT: 8.87 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion: 77 Resp: 629622
Ion Ratio Lower Upper
77 100
123 39.3 31.3 46.9
65 12.8 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BM019167.D (-984) (-)
Ion 123.00 (122.70 to 123.70): BM019167.D (-984) (-)
Ion 65.00 (64.70 to 65.70): BM019167.D (-984) (-)

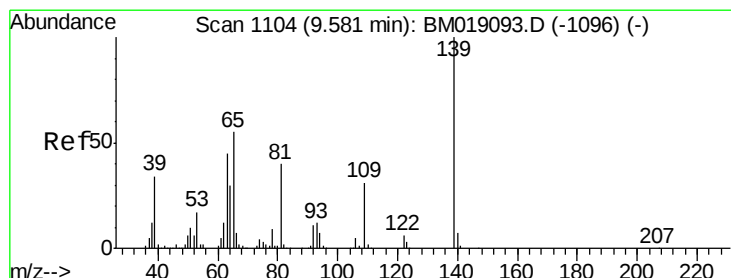
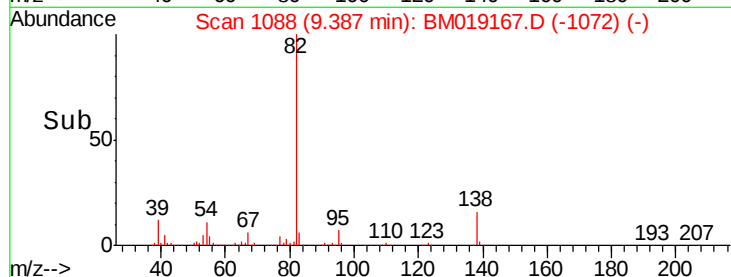
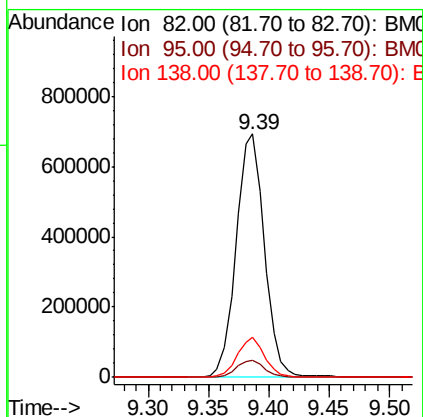
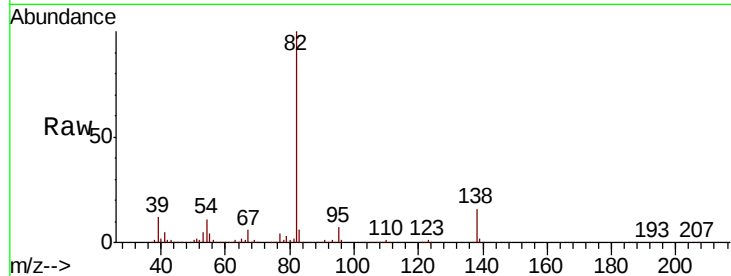




#25
Isophorone
Concen: 39.198 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

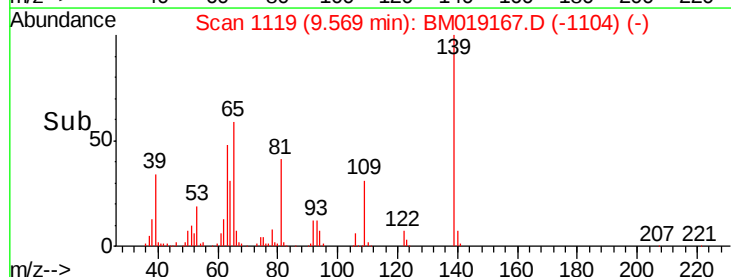
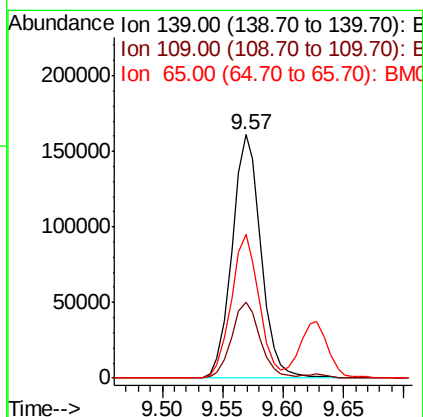
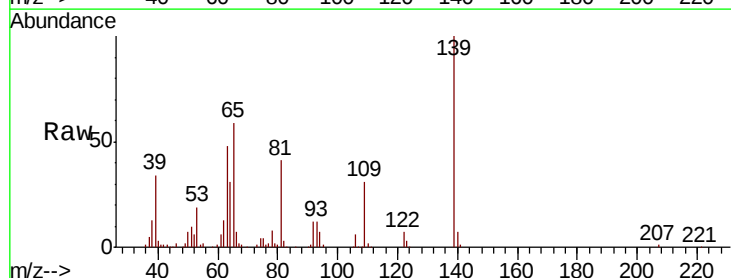
Instrument :
BNA_M
ClientSampleId :
PB117903BS

Tot Ion: 82 Resp: 1135006
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 16.3 12.6 18.8



#26
2-Nitrophenol
Concen: 40.961 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion: 139 Resp: 267955
Ion Ratio Lower Upper
139 100
109 31.2 24.5 36.7
65 59.0 44.4 66.6

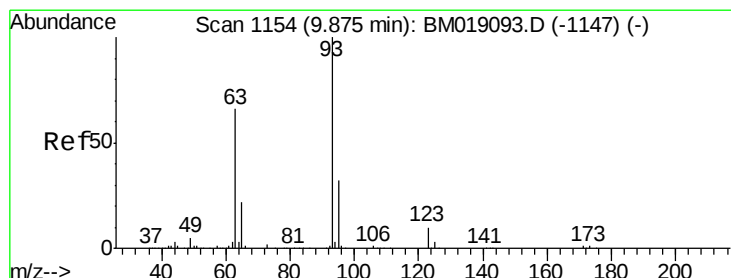
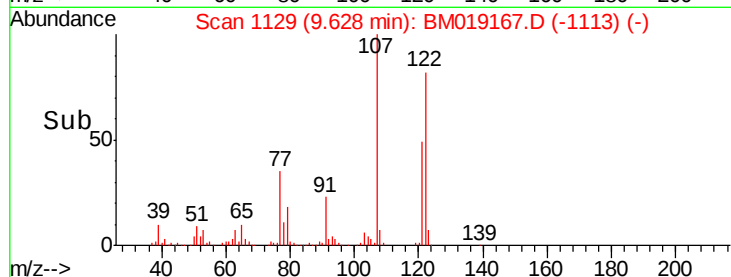
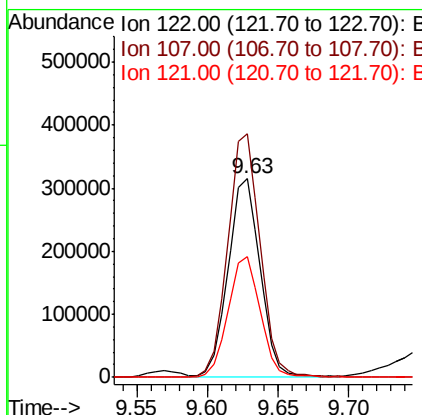
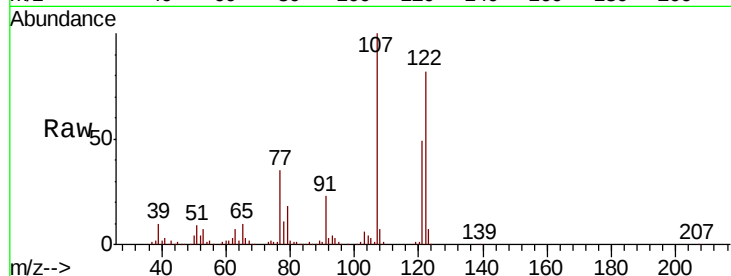




#27
2,4-Dimethylphenol
Concen: 50.870 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

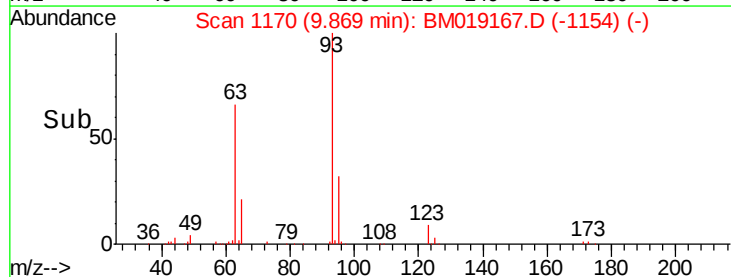
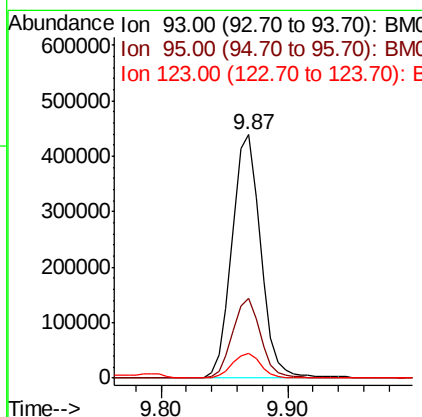
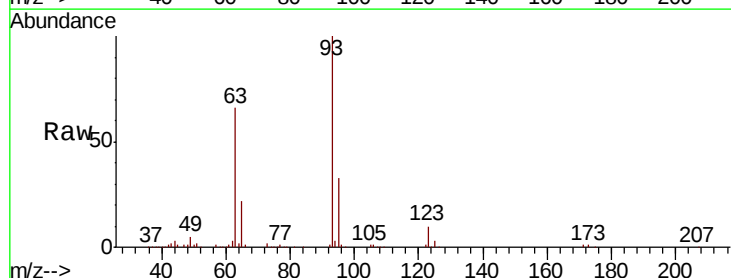
Instrument :
BNA_M
ClientSampleId :
PB117903BS

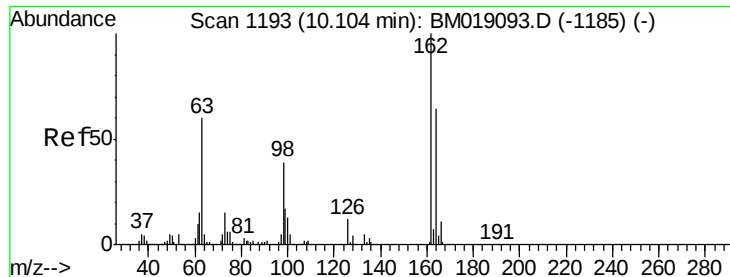
Tot Ion:122 Resp: 494731
Ion Ratio Lower Upper
122 100
107 122.7 98.2 147.4
121 60.6 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 40.126 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion: 93 Resp: 687972
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 10.4 7.9 11.9

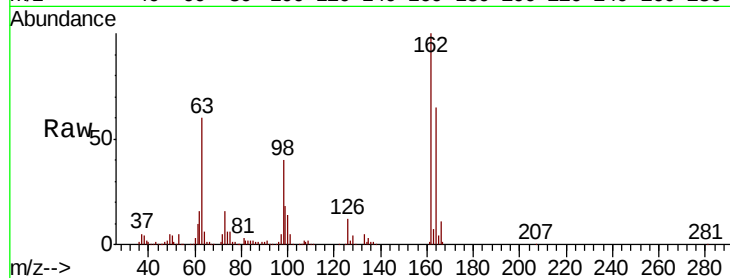




#29
 2,4-Dichlorophenol
 Concen: 46.319 ng
 RT: 10.10 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BM019167.D
 Acq: 14 Mar 2019 13:50

Instrument :
 BNA_M
 ClientSampleId :
 PB117903BS

Tot Ion	162	Resp	498899
Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.5	83.5
98	40.4	19.1	59.1

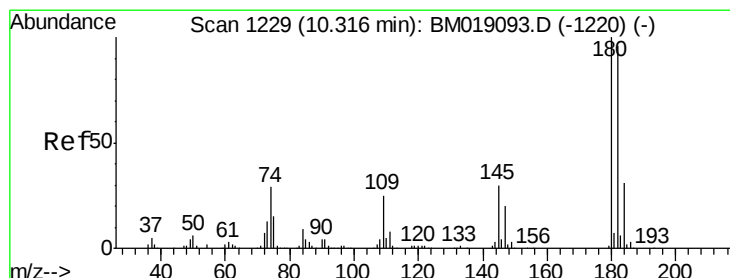
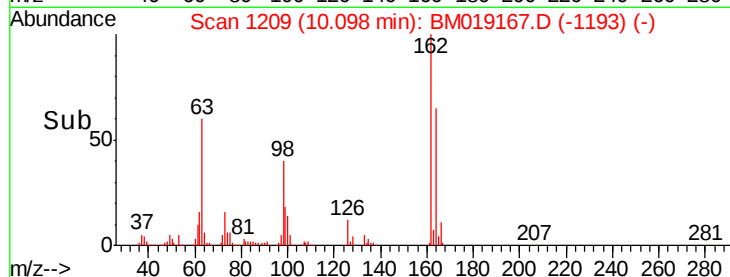
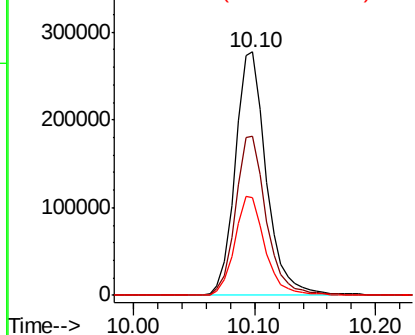


Abundance

Ion 162.00 (161.70 to 162.70): E

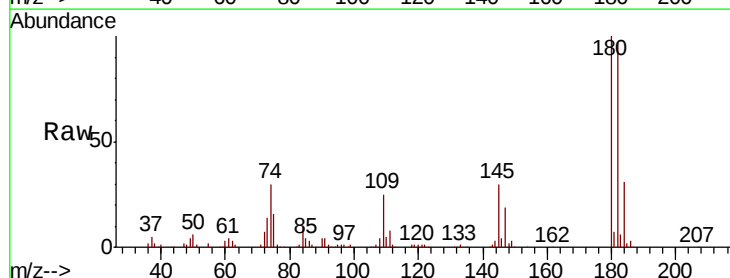
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.032 ng
 RT: 10.30 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BM019167.D
 Acq: 14 Mar 2019 13:50

Tgt Ion	180	Resp	486197
Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.6	114.8
145	29.9	24.3	36.5

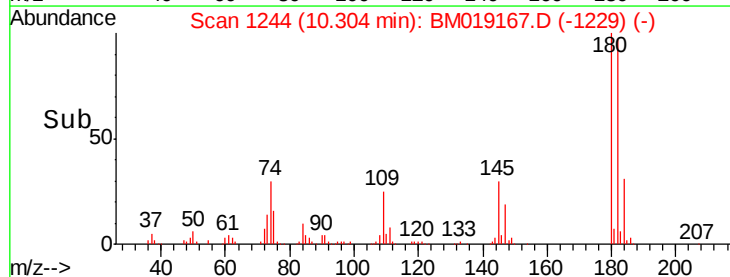
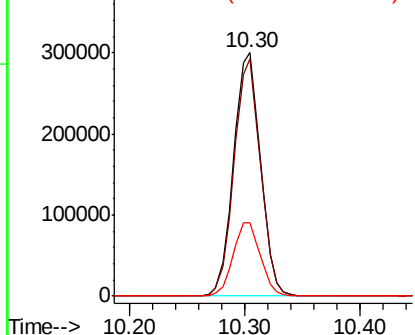


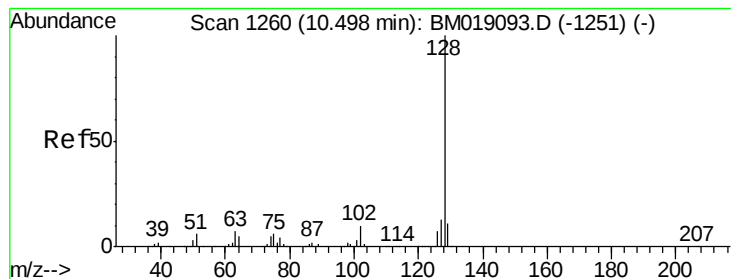
Abundance

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: 39.513 ng

RT: 10.49 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

BNA_M

ClientSampleId :

PB117903BS

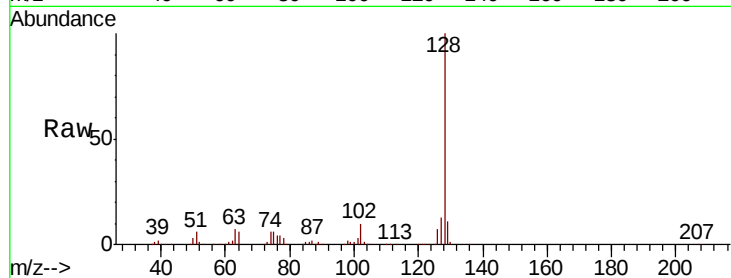
Tot Ion:128 Resp: 1493902

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.1 10.4 15.6

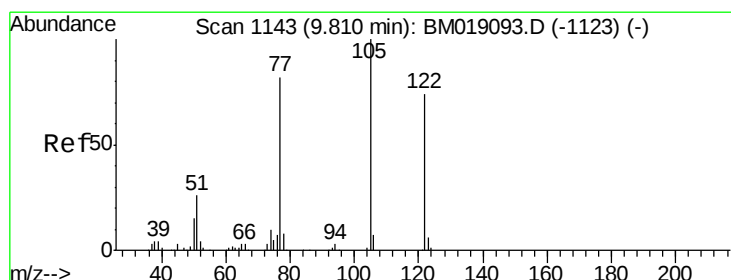
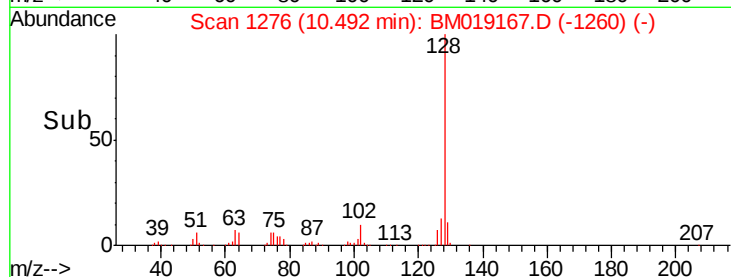
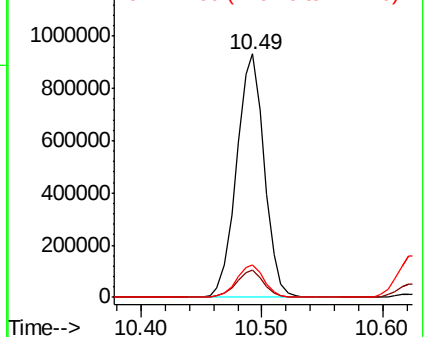


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.827 ng

RT: 9.79 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

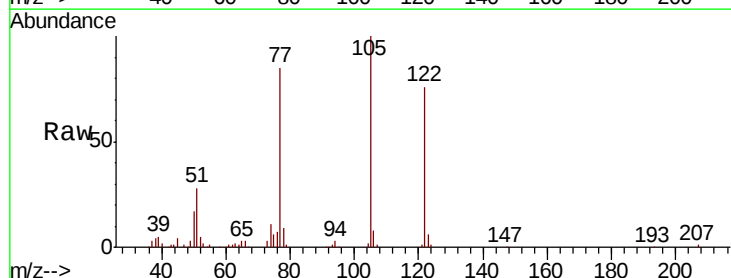
Tgt Ion:122 Resp: 303327

Ion Ratio Lower Upper

122 100

105 131.7 113.0 153.0

77 111.5 90.1 130.1

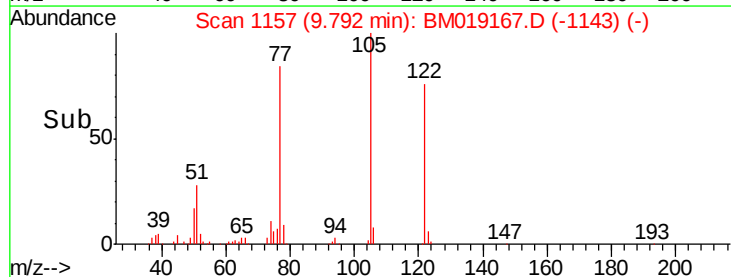
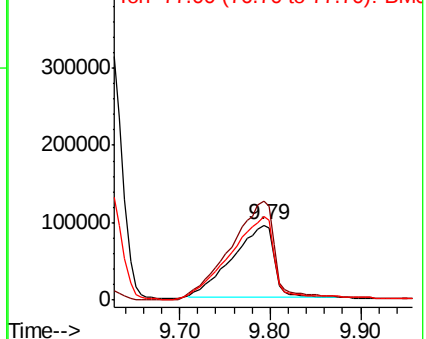


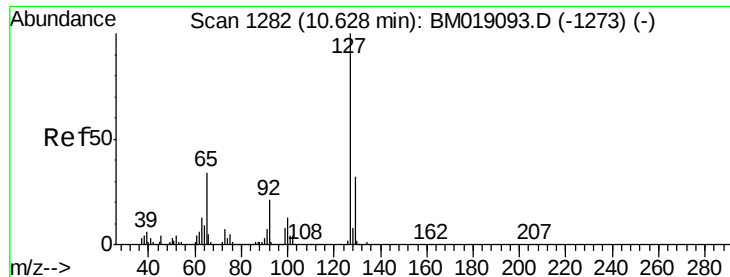
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

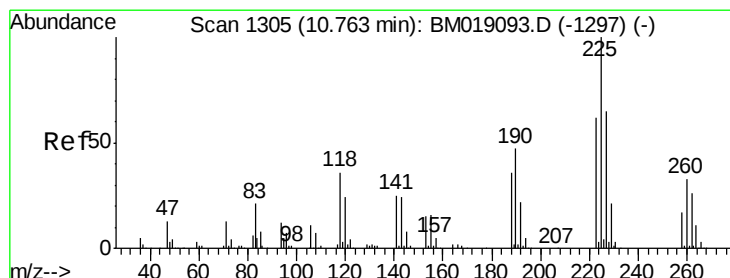
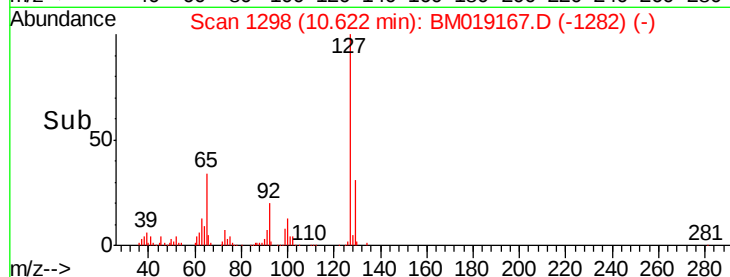
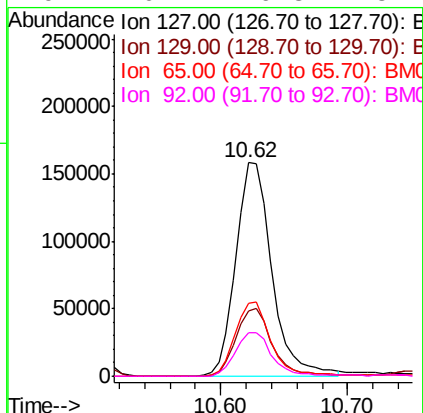
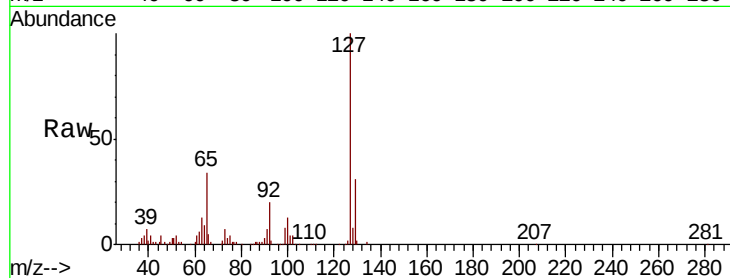




#33
4-Chloroaniline
Concen: 20.219 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

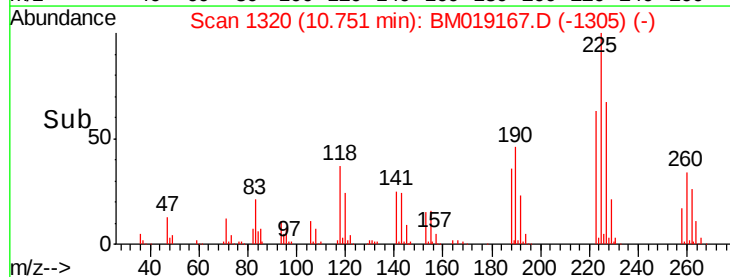
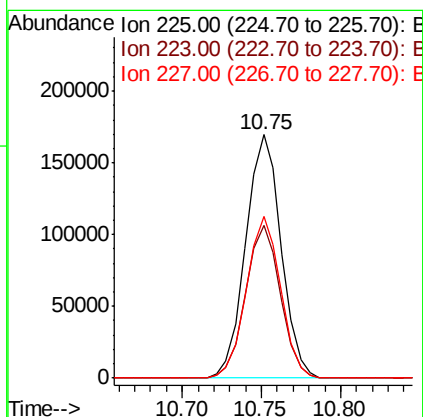
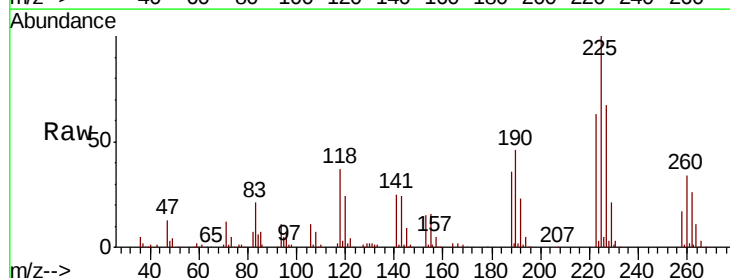
Instrument :
BNA_M
ClientSampleId :
PB117903BS

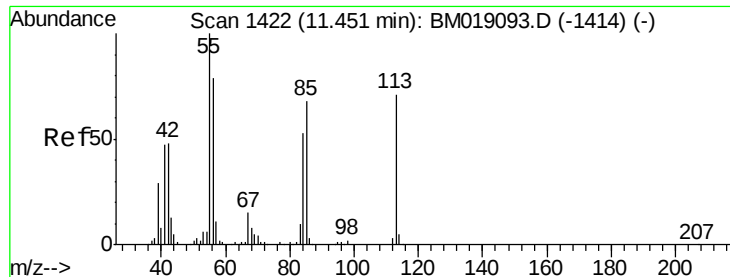
Tot Ion:127	Resp:	313364
Ion	Ratio	Lower Upper
127	100	
129	30.8	25.3 37.9
65	34.3	27.4 41.2
92	20.2	16.8 25.2



#34
Hexachlorobutadiene
Concen: 37.736 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion:225	Resp:	263013
Ion	Ratio	Lower Upper
225	100	
223	62.9	49.4 74.0
227	66.6	51.6 77.4





#35

Caprolactam

Concen: 22.796 ng

RT: 11.44 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

BNA_M

ClientSampleId :

PB117903BS

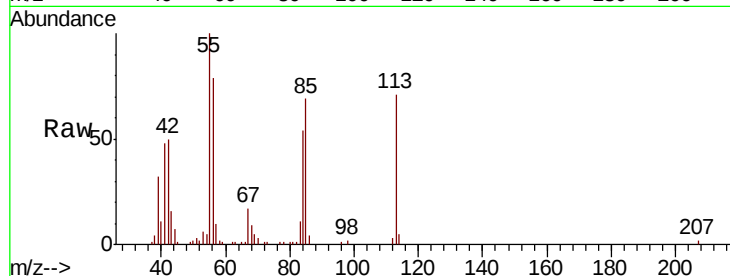
Tot Ion:113 Resp: 87464

Ion Ratio Lower Upper

113 100

55 139.9 120.1 160.1

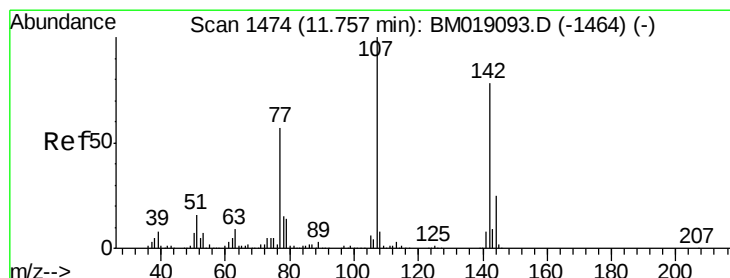
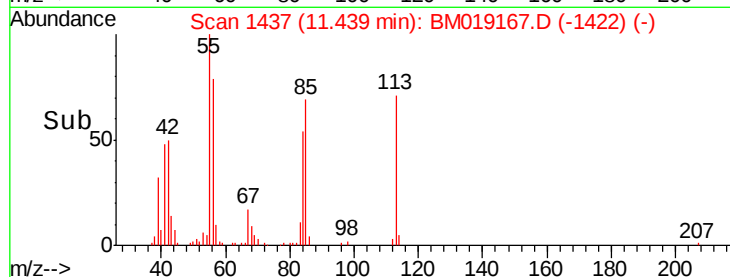
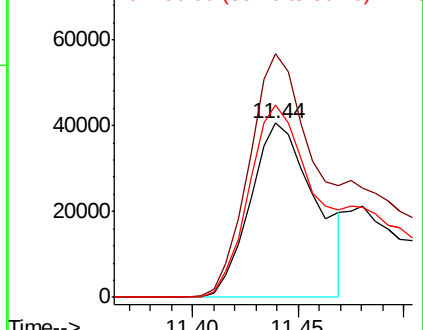
56 110.4 90.1 130.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 44.516 ng

RT: 11.75 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

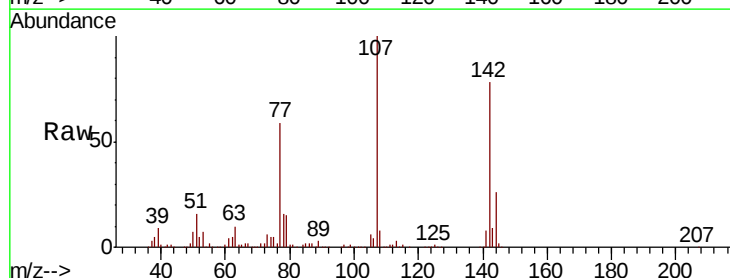
Tgt Ion:107 Resp: 591633

Ion Ratio Lower Upper

107 100

144 25.8 20.2 30.4

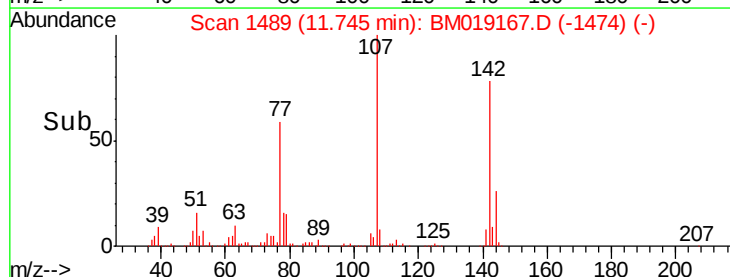
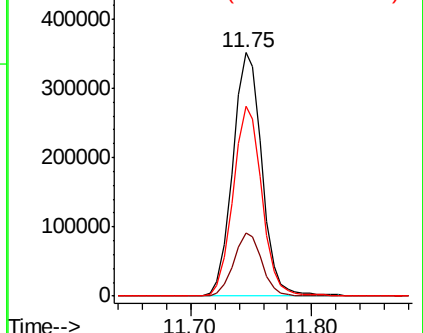
142 78.0 62.4 93.6

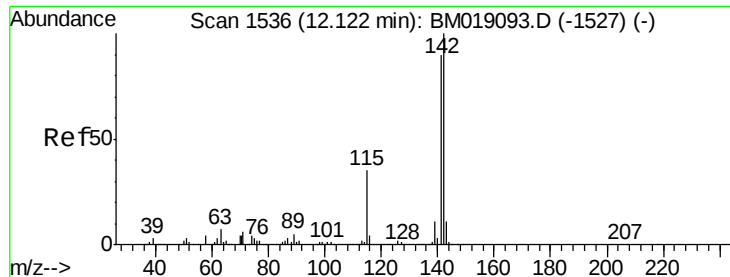


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

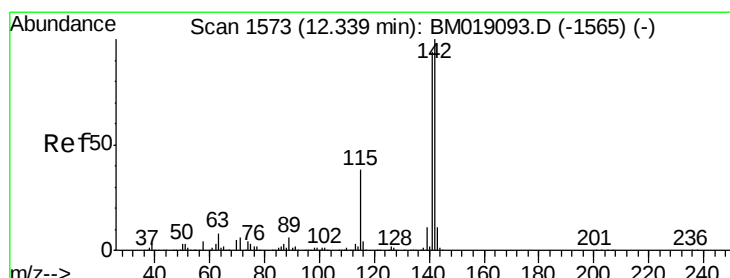
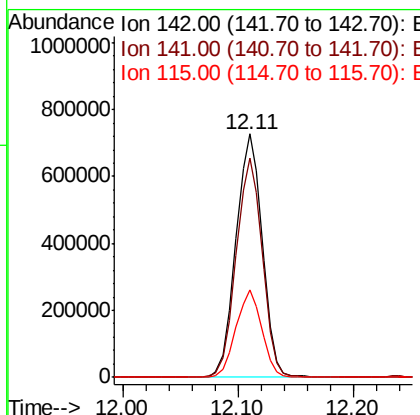
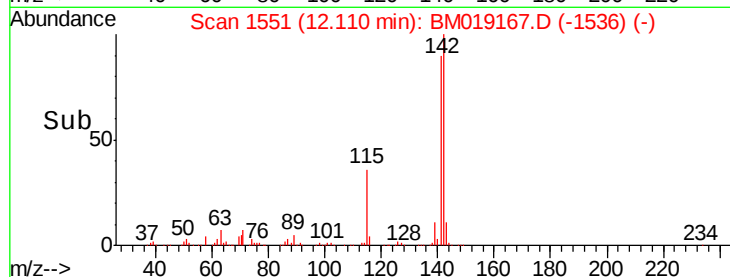
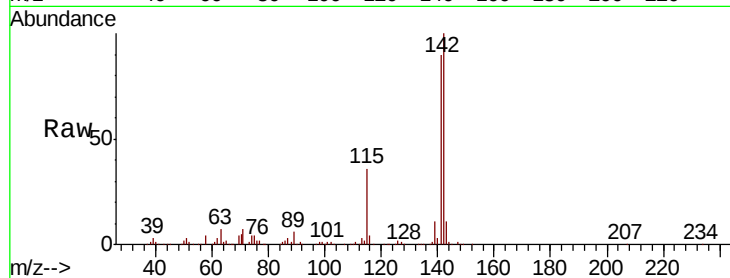




#37
2-Methylnaphthalene
Concen: 41.789 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

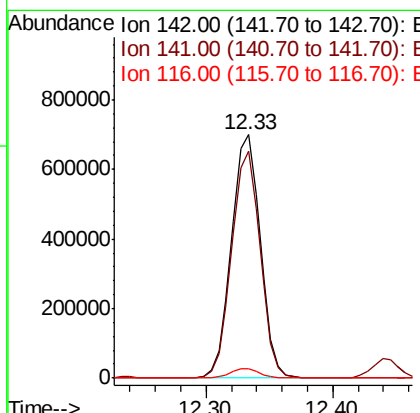
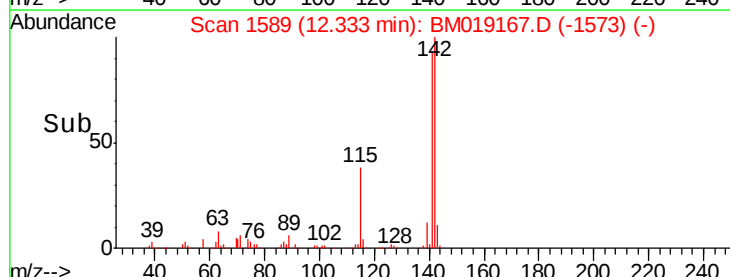
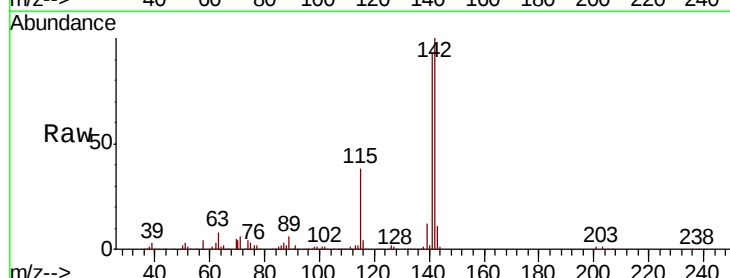
Instrument :
BNA_M
ClientSampleId :
PB117903BS

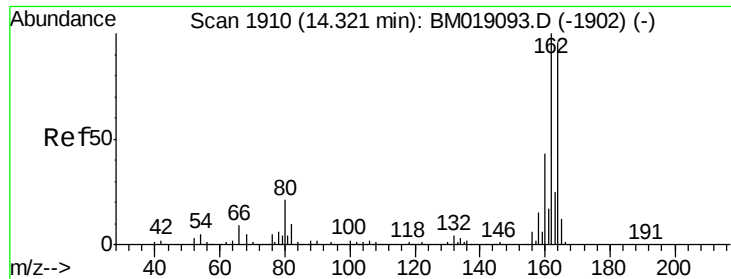
Tot Ion:142 Resp: 1148119
Ion Ratio Lower Upper
142 100
141 89.9 72.3 108.5
115 35.9 27.8 41.8



#38
1-Methylnaphthalene
Concen: 40.488 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion:142 Resp: 1096422
Ion Ratio Lower Upper
142 100
141 93.2 74.9 112.3
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

BNA_M

ClientSampleId :

PB117903BS

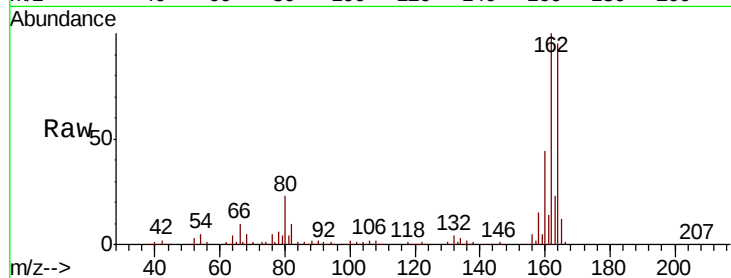
Tot Ion:164 Resp: 448120

Ion Ratio Lower Upper

164 100

162 104.8 83.5 125.3

160 45.7 36.3 54.5

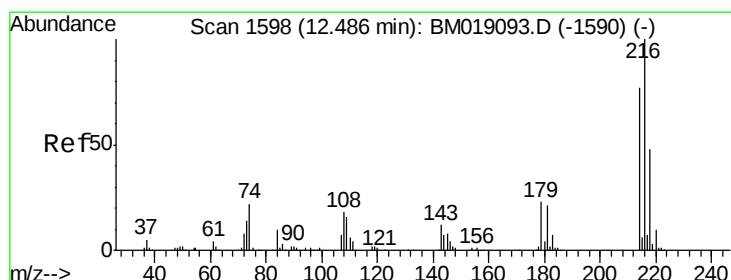
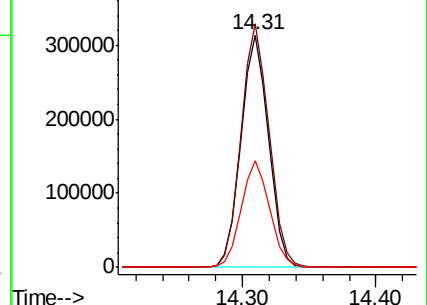
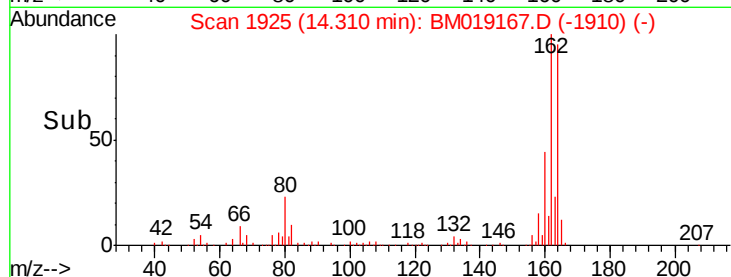


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.192 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Tgt Ion:216 Resp: 541377

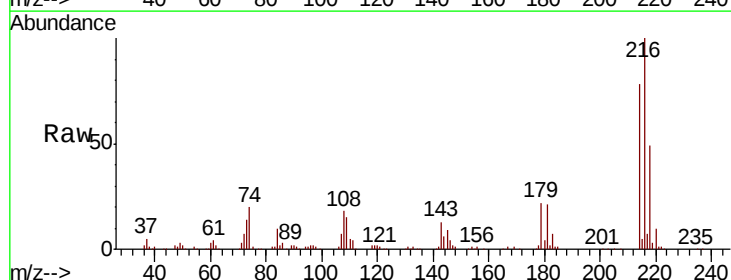
Ion Ratio Lower Upper

216 100

214 79.4 62.9 94.3

179 22.5 18.0 27.0

108 18.9 16.2 24.4



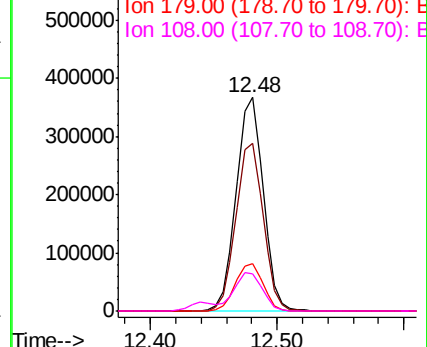
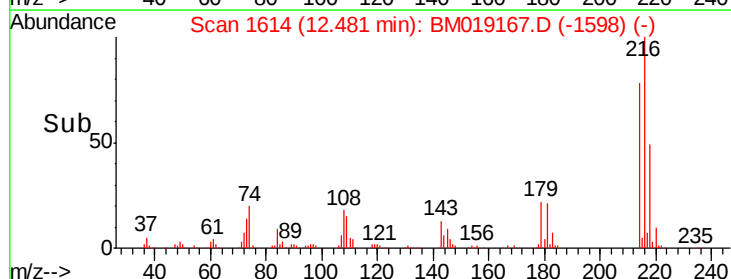
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.185 ng

RT: 12.45 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

BNA_M

ClientSampleId :

PB117903BS

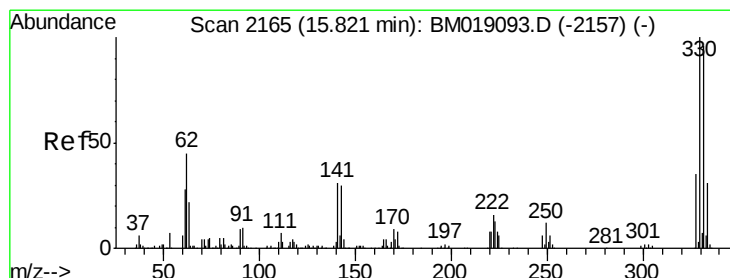
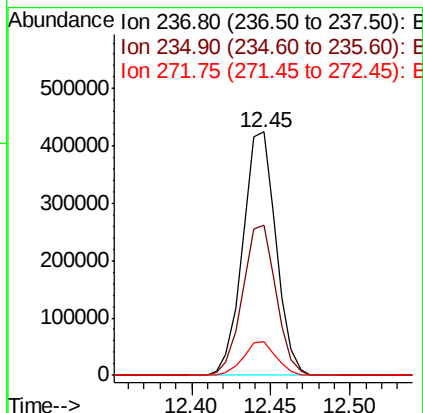
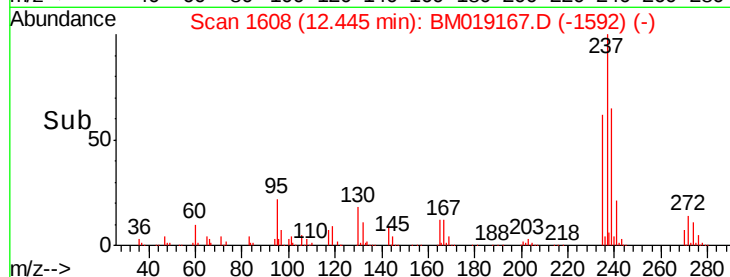
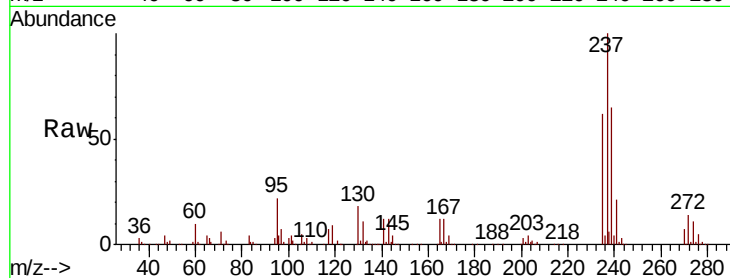
Tot Ion:237 Resp: 617588

Ion Ratio Lower Upper

237 100

235 61.7 41.3 81.3

272 14.1 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 139.293 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

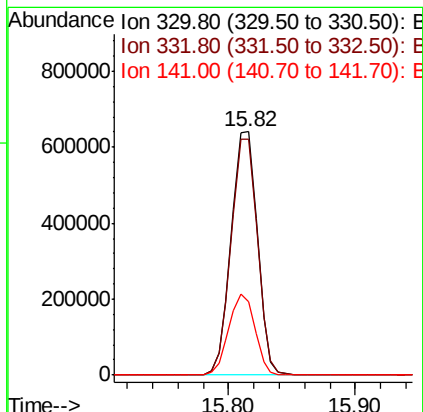
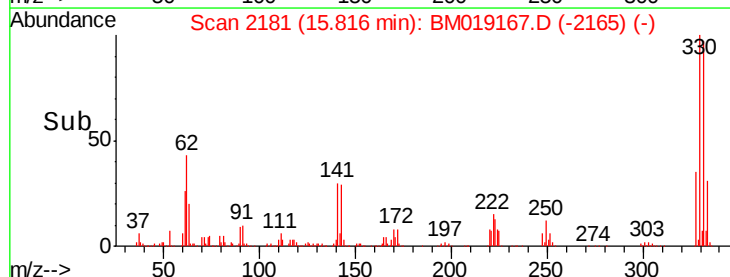
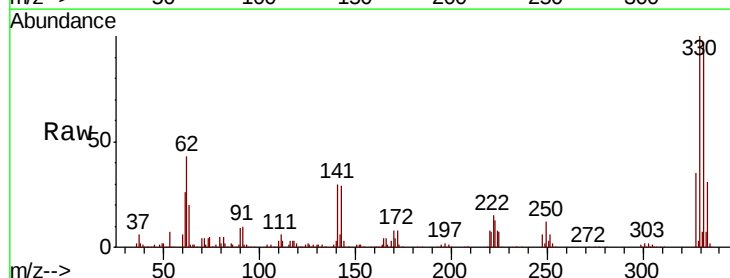
Tgt Ion:330 Resp: 921608

Ion Ratio Lower Upper

330 100

332 97.3 76.8 115.2

141 33.1 27.0 40.4

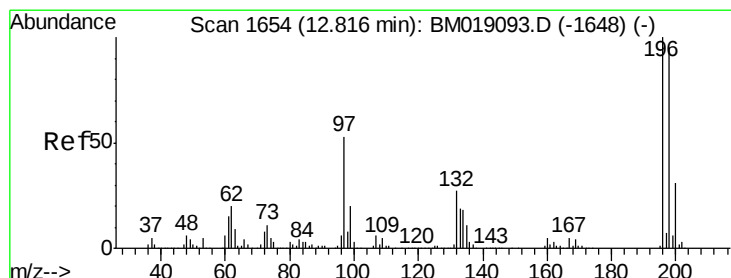
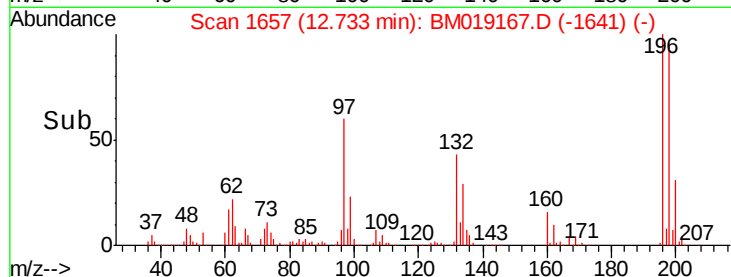
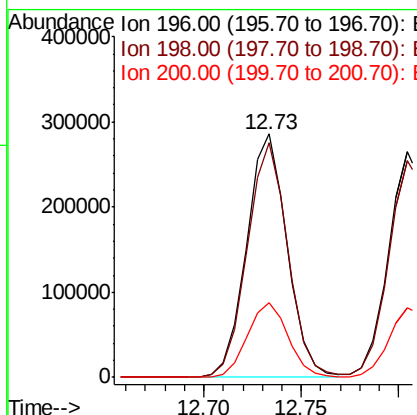
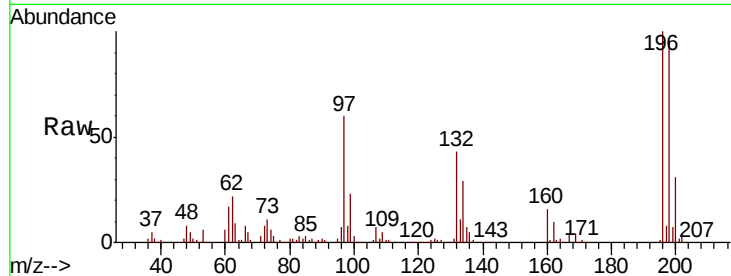




#43
 2,4,6-Trichlorophenol
 Concen: 44.840 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM019167.D
 Acq: 14 Mar 2019 13:50

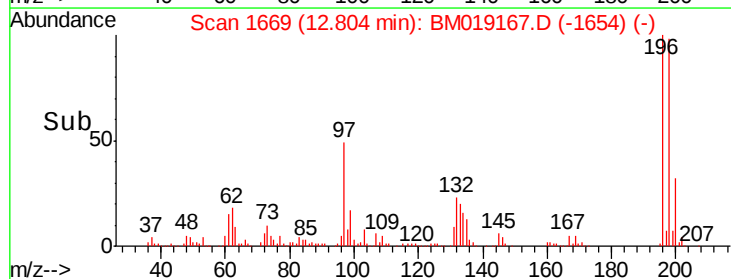
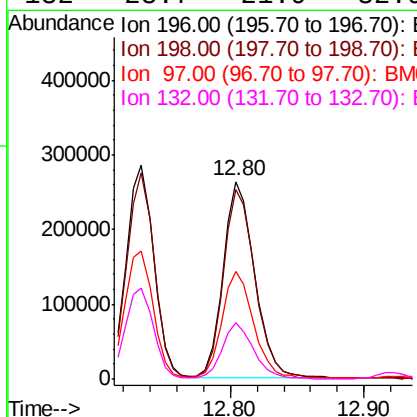
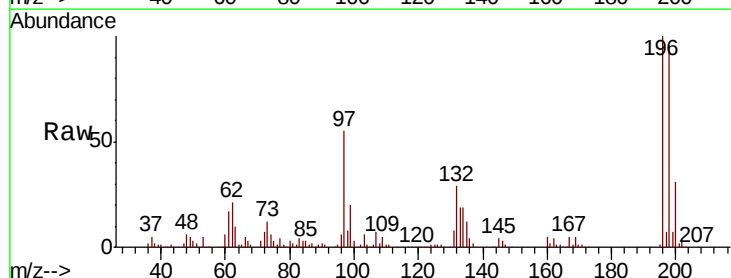
Instrument :
 BNA_M
 ClientSampleId :
 PB117903BS

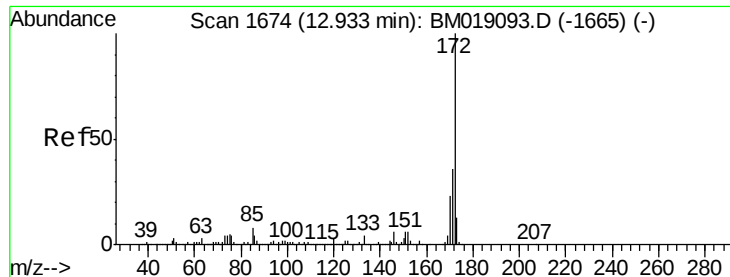
Tot Ion:196 Resp: 410759
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.4 113.0
 200 30.6 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 44.100 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM019167.D
 Acq: 14 Mar 2019 13:50

Tgt Ion:196 Resp: 431994
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.9 113.9
 97 54.6 42.5 63.7
 132 28.7 21.9 32.9

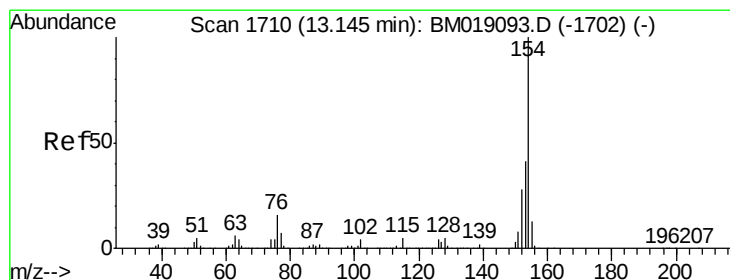
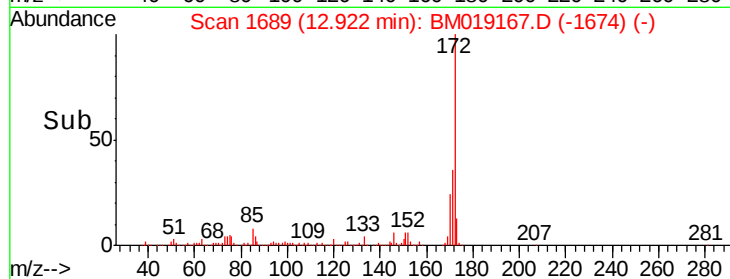
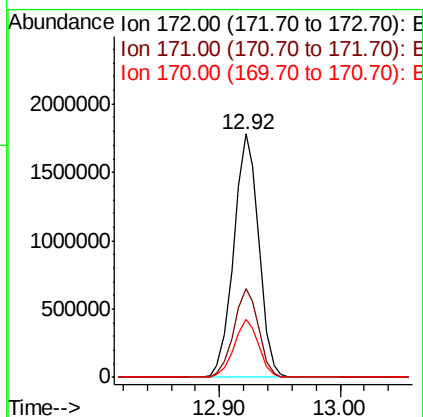
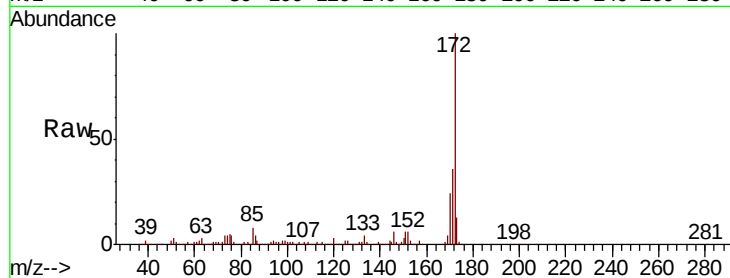




#45
2-Fluorobiphenyl
Concen: 74.540 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

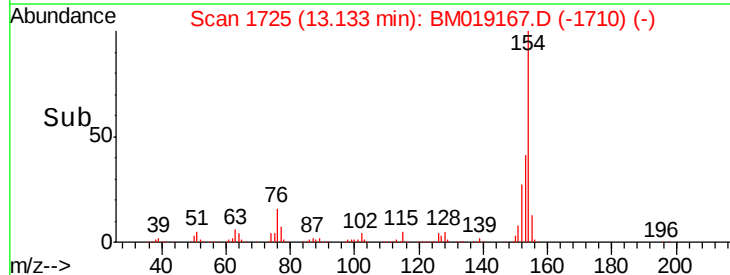
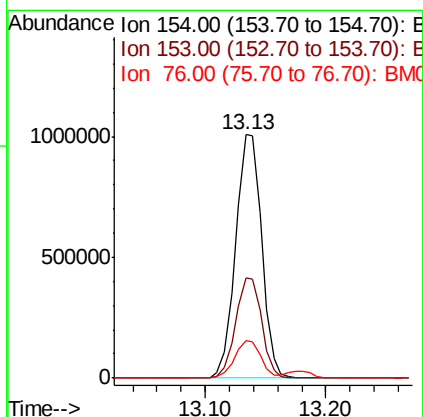
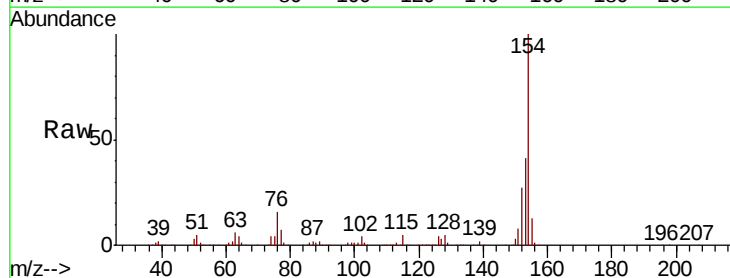
Instrument :
BNA_M
ClientSampleId :
PB117903BS

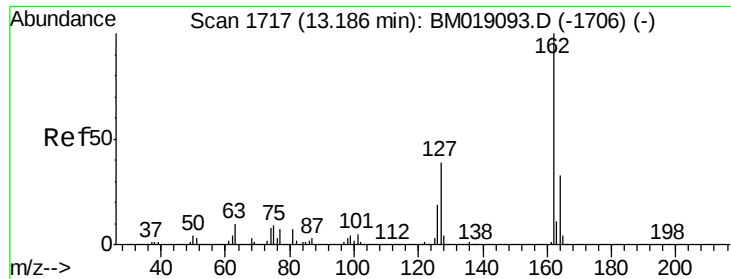
Tot Ion:172 Resp: 2567934
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 38.822 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion:154 Resp: 1519281
Ion Ratio Lower Upper
154 100
153 41.1 21.5 61.5
76 15.5 0.0 35.8

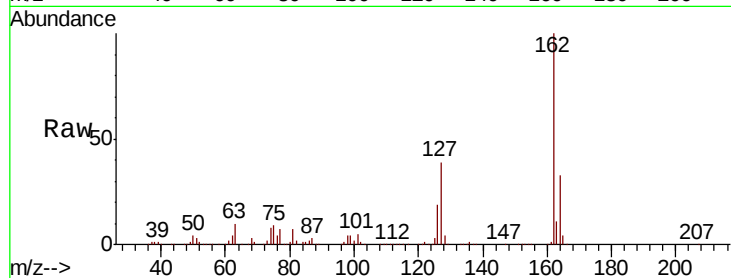




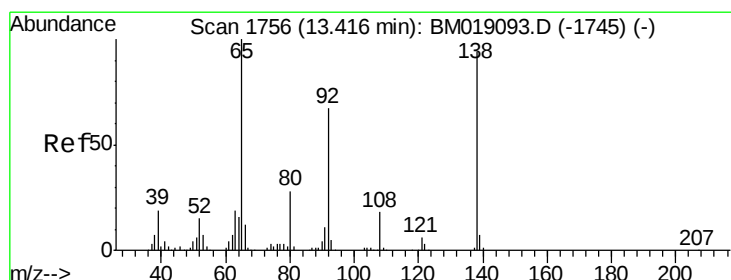
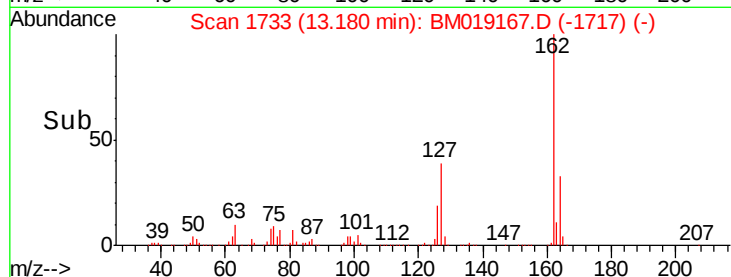
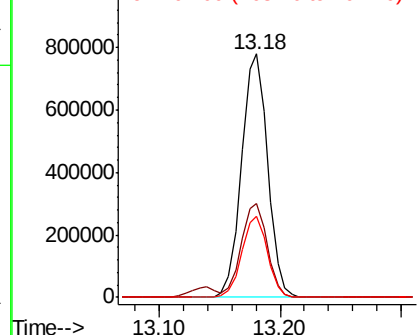
#47
2-Chloronaphthalene
Concen: 40.291 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Instrument :
BNA_M
ClientSampleId :
PB117903BS

Tot Ion:162 Resp: 1176954
Ion Ratio Lower Upper
162 100
127 38.7 31.2 46.8
164 33.1 26.3 39.5

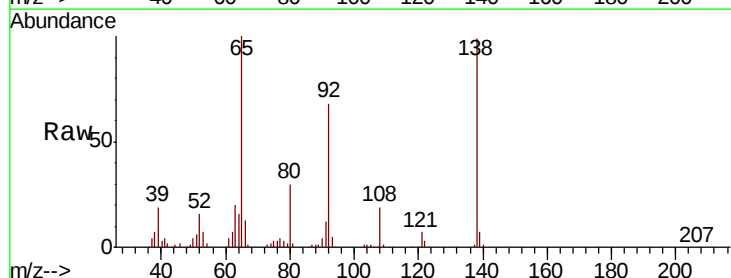


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

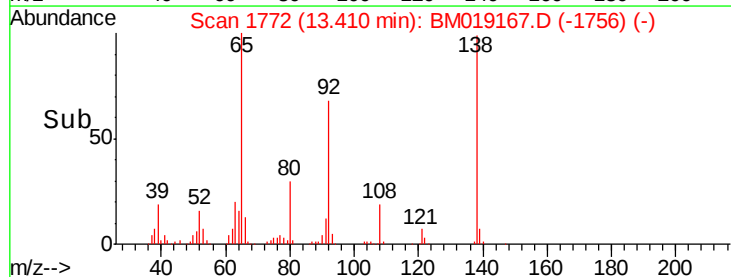
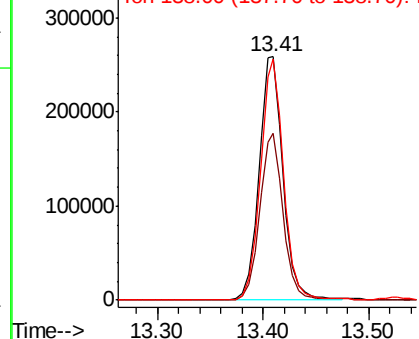


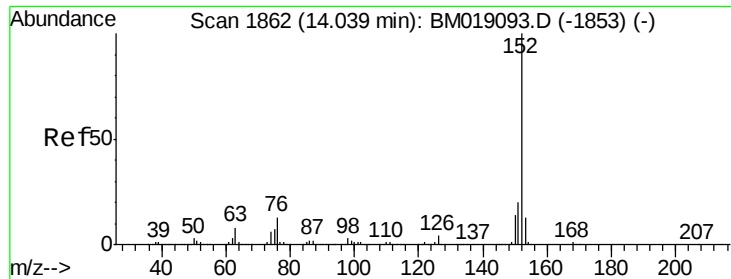
#48
2-Nitroaniline
Concen: 41.818 ng
RT: 13.41 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion: 65 Resp: 409685
Ion Ratio Lower Upper
65 100
92 68.5 53.4 80.2
138 98.8 74.9 112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.497 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

BNA_M

ClientSampleId :

PB117903BS

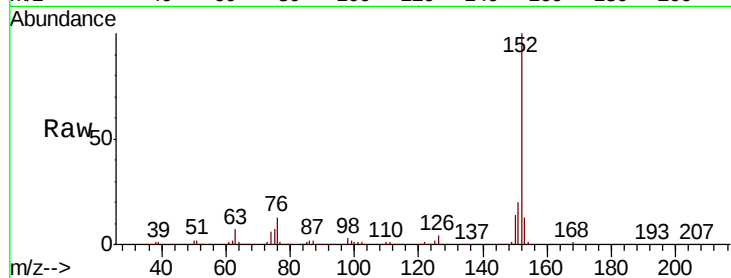
Tot Ion:152 Resp: 1950867

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

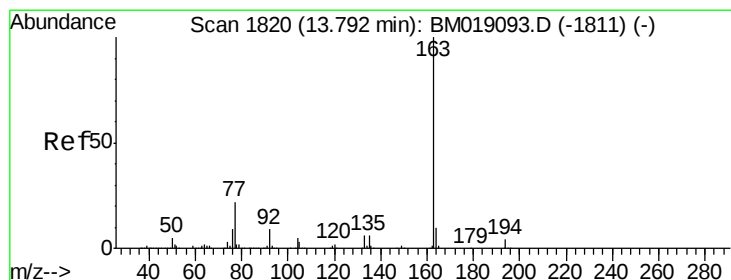
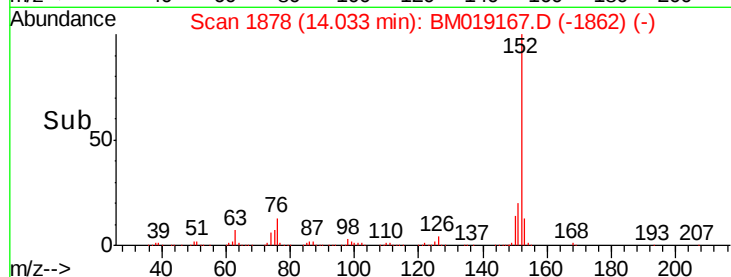
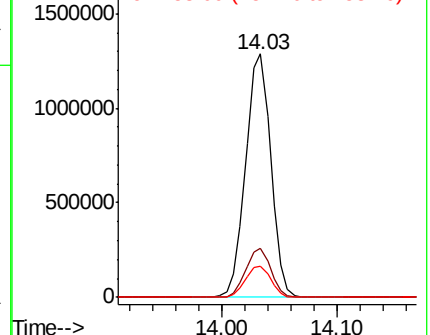
153 12.9 10.6 15.8



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: 40.421 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

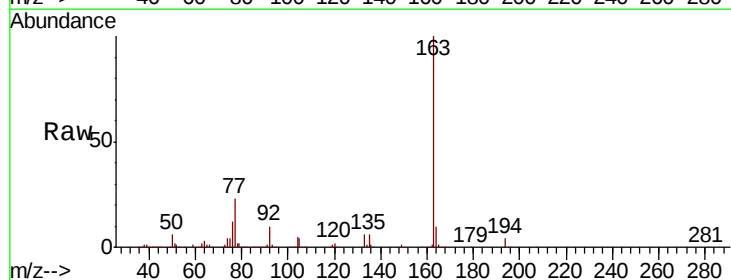
Tgt Ion:163 Resp: 1549512

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

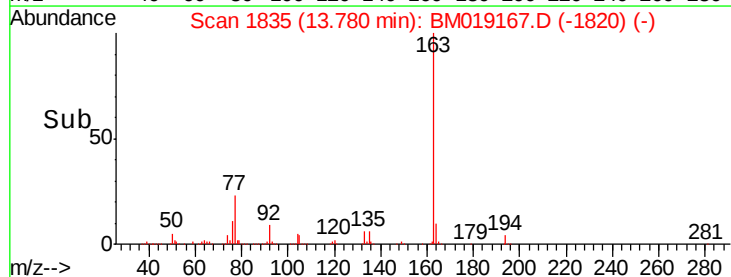
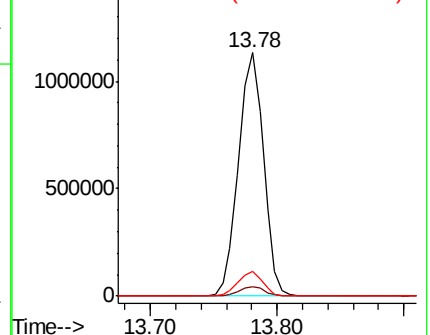
164 10.1 7.7 11.5

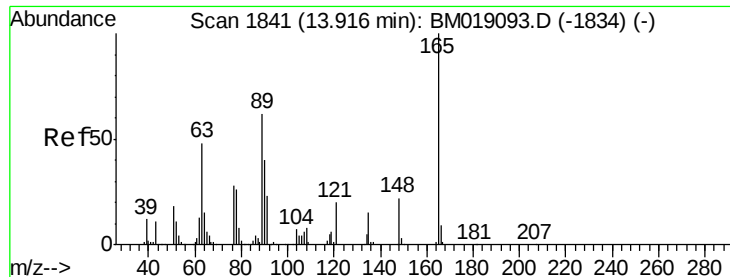


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

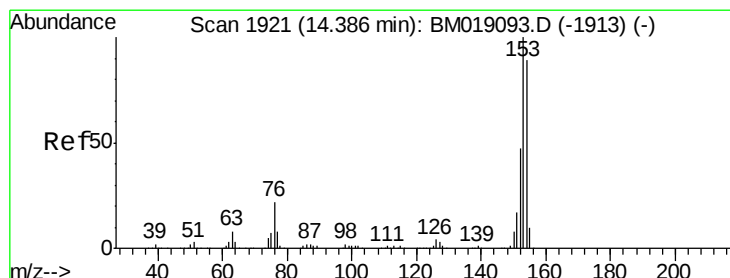
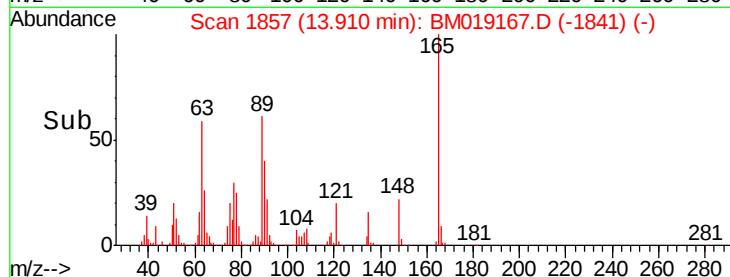
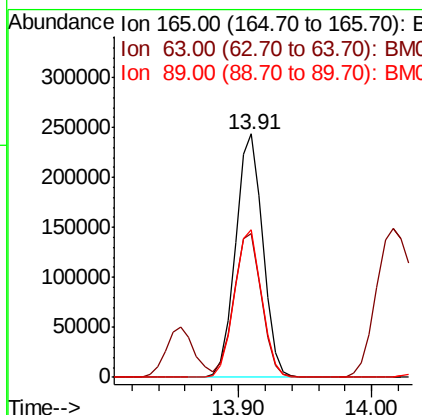
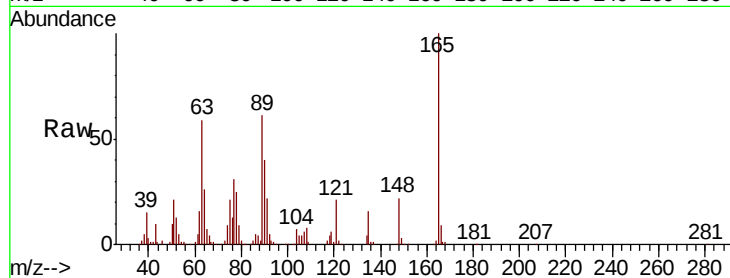




#51
2,6-Dinitrotoluene
Concen: 41.487 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

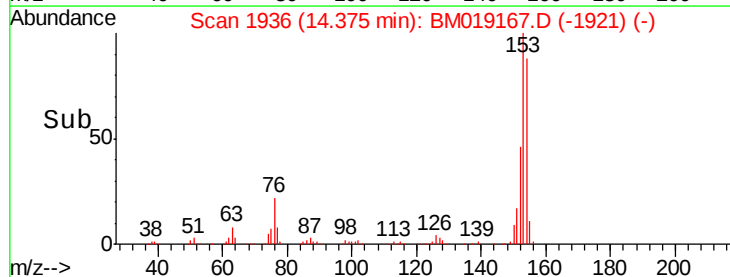
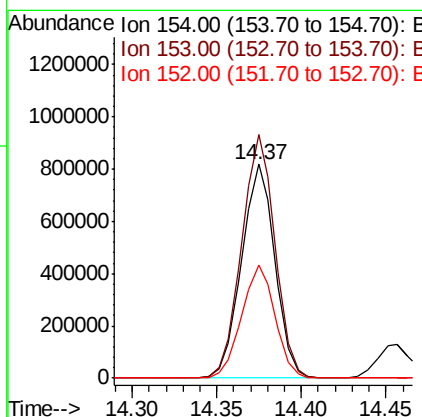
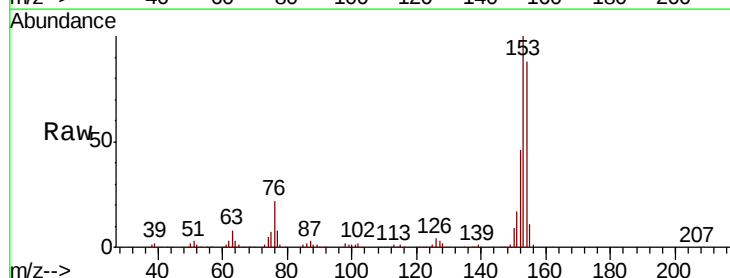
Instrument :
BNA_M
ClientSampleId :
PB117903BS

Tot Ion:165 Resp: 343798
Ion Ratio Lower Upper
165 100
63 59.0 48.2 72.4
89 60.8 49.3 73.9



#52
Acenaphthene
Concen: 39.656 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion:154 Resp: 1125496
Ion Ratio Lower Upper
154 100
153 113.8 90.1 135.1
152 52.8 42.5 63.7

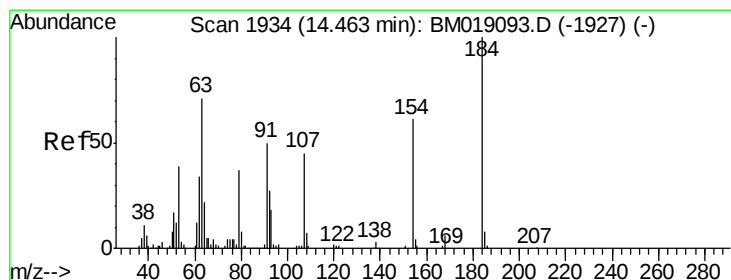
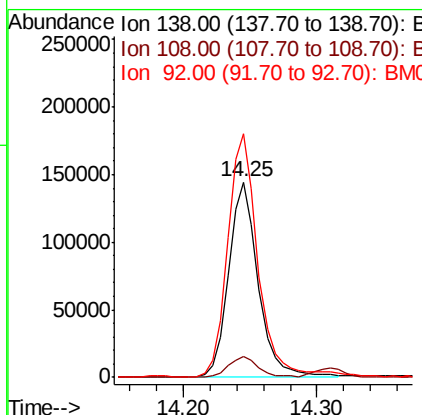
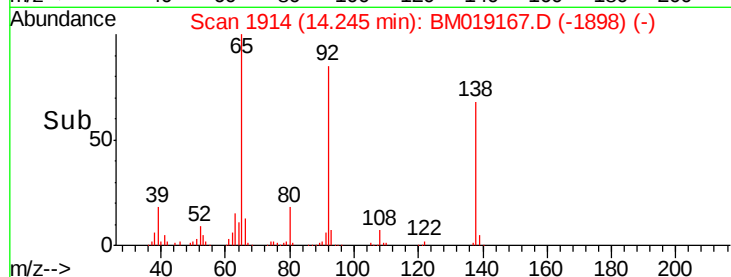
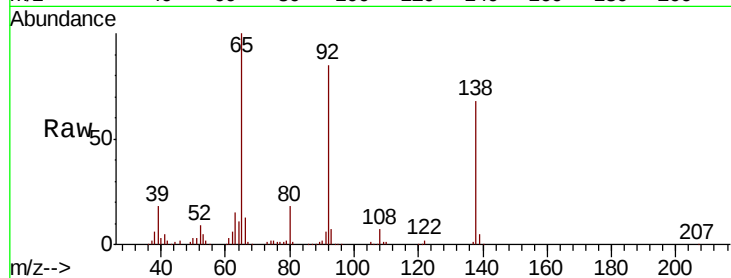




#53
 3-Nitroaniline
 Concen: 25.520 ng
 RT: 14.25 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM019167.D
 Acq: 14 Mar 2019 13:50

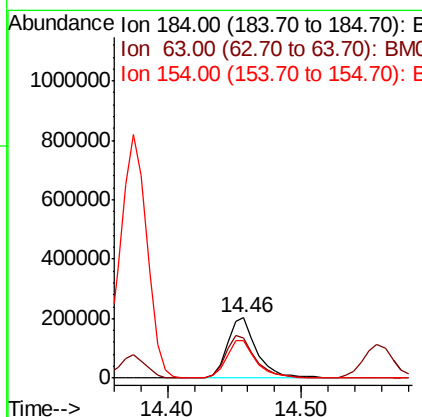
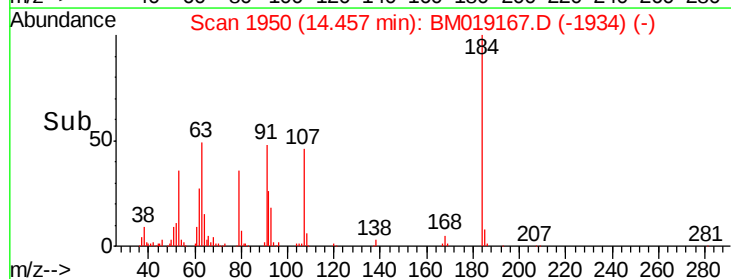
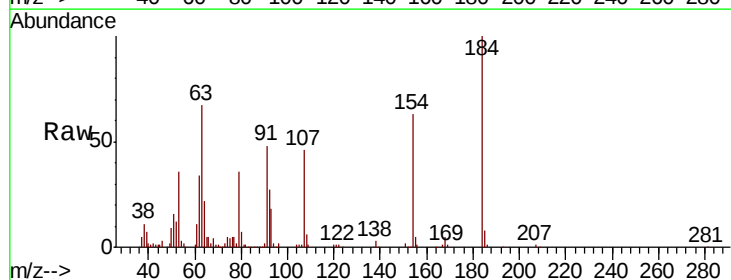
Instrument :
 BNA_M
 ClientSampleId :
 PB117903BS

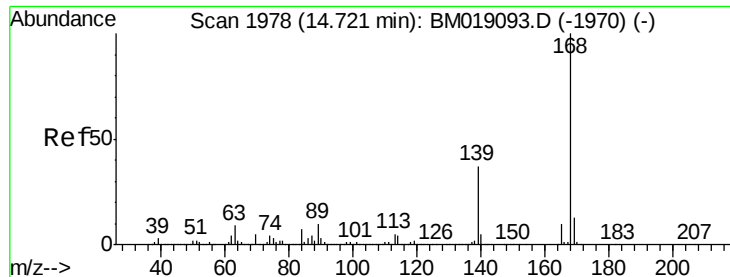
Tot Ion:138 Resp: 223985
 Ion Ratio Lower Upper
 138 100
 108 10.5 9.0 13.4
 92 124.5 102.6 153.8



#54
 2,4-Dinitrophenol
 Concen: 65.081 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM019167.D
 Acq: 14 Mar 2019 13:50

Tgt Ion:184 Resp: 313205
 Ion Ratio Lower Upper
 184 100
 63 67.3 56.7 85.1
 154 63.2 49.3 73.9





#55

Dibenzenofuran

Concen: 39.976 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

BNA_M

ClientSampleId :

PB117903BS

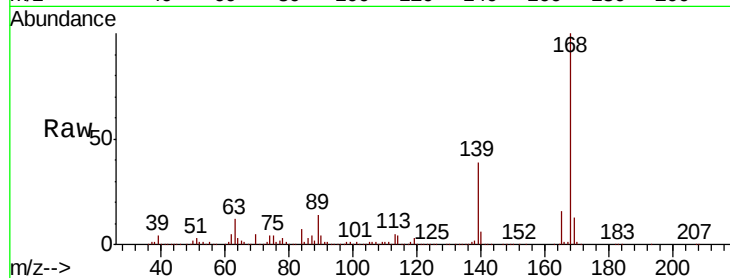
Tot Ion:168 Resp: 1829698

Ion Ratio Lower Upper

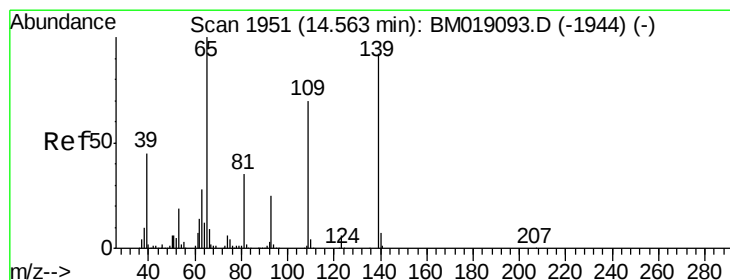
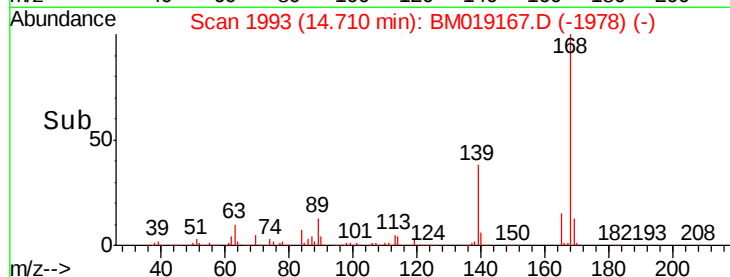
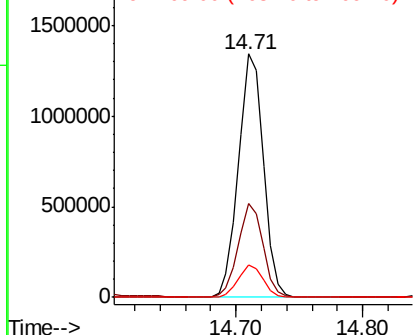
168 100

139 38.6 30.1 45.1

169 13.5 10.6 16.0



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



#56

4-Nitrophenol

Concen: 80.431 ng

RT: 14.56 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

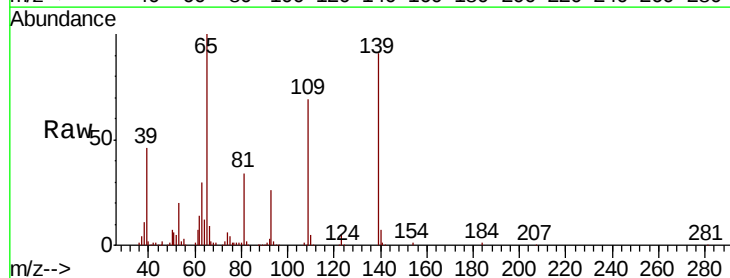
Tgt Ion:139 Resp: 576366

Ion Ratio Lower Upper

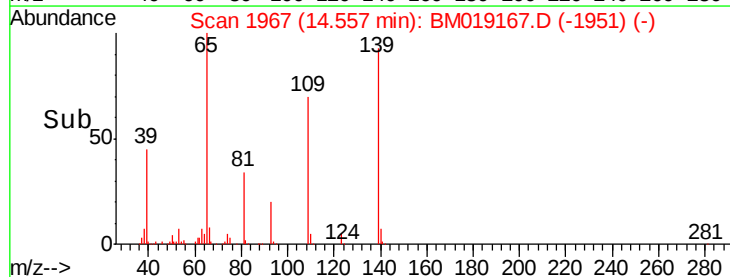
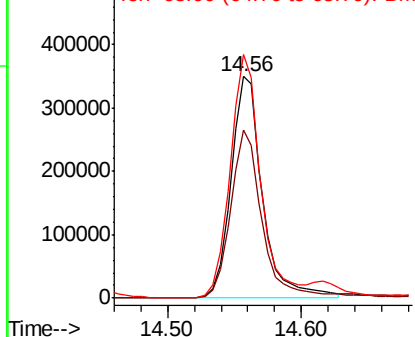
139 100

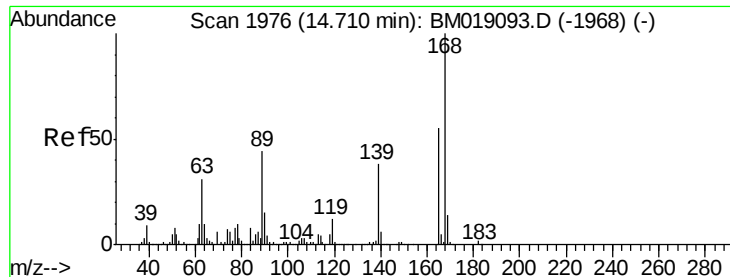
109 75.7 56.3 96.3

65 110.0 89.2 129.2



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

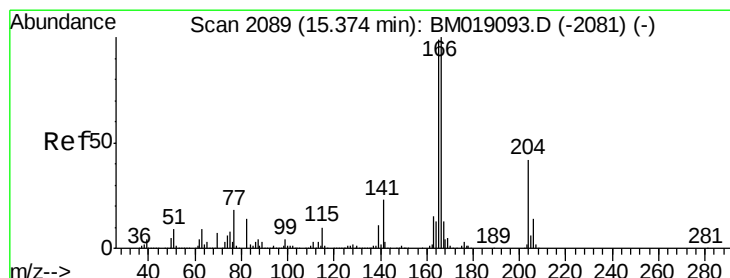
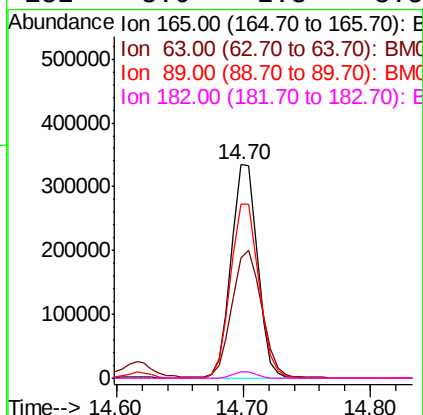
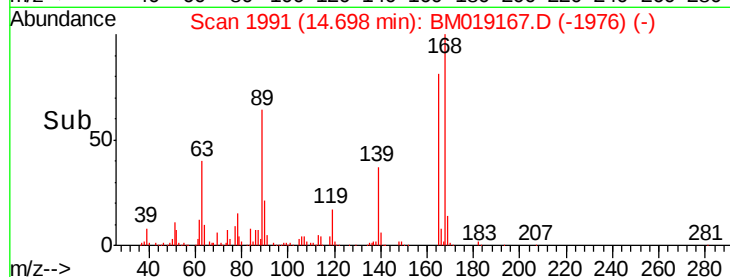
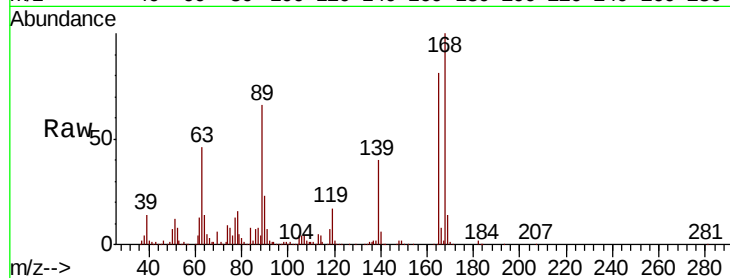




#57
2,4-Dinitrotoluene
Concen: 40.093 ng
RT: 14.70 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

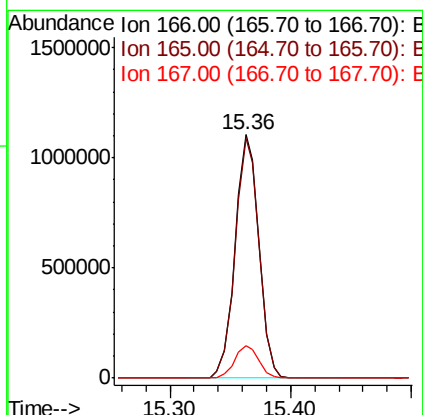
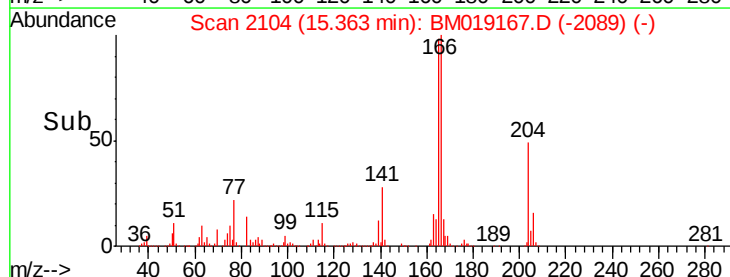
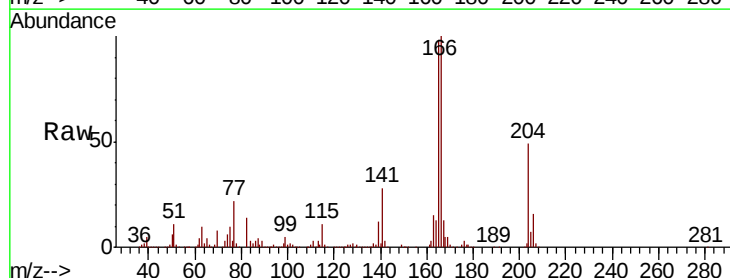
Instrument :
BNA_M
ClientSampleId :
PB117903BS

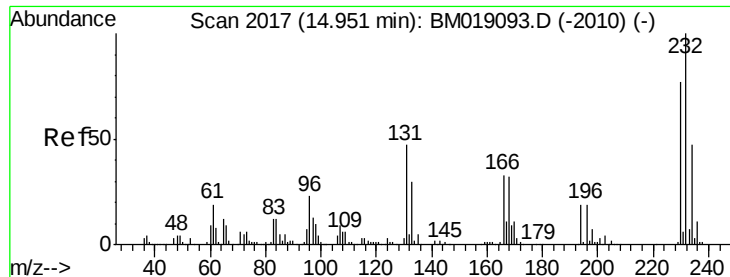
Tot Ion:165 Resp: 482287
Ion Ratio Lower Upper
165 100
63 56.4 44.7 67.1
89 81.3 63.4 95.2
182 3.0 2.3 3.5



#58
Fluorene
Concen: 40.093 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion:166 Resp: 1512586
Ion Ratio Lower Upper
166 100
165 98.2 79.0 118.4
167 13.4 10.8 16.2

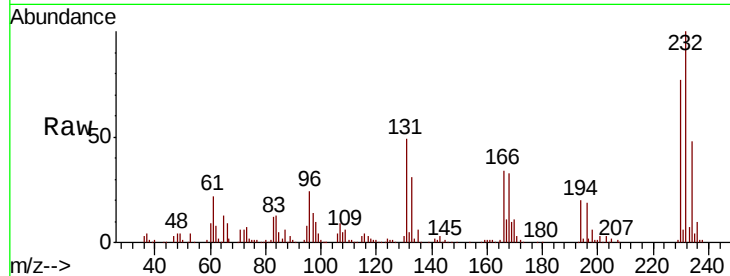




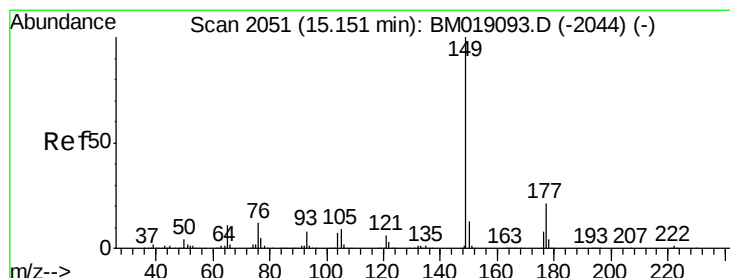
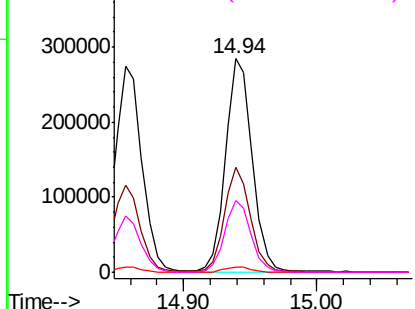
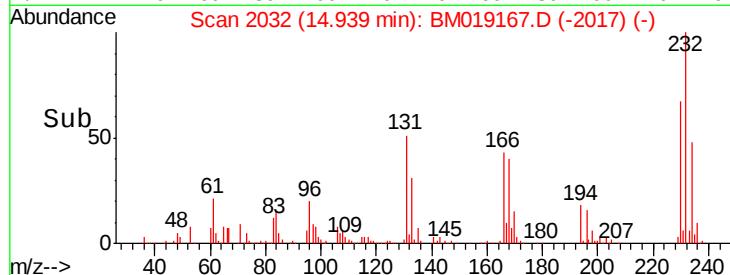
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.474 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM019167.D
 Acq: 14 Mar 2019 13:50

Instrument :
 BNA_M
 ClientSampleId :
 PB117903BS

Tot Ion:232 Resp: 396461
 Ion Ratio Lower Upper
 232 100
 131 47.9 38.2 57.2
 130 2.5 1.9 2.9
 166 33.2 27.0 40.4

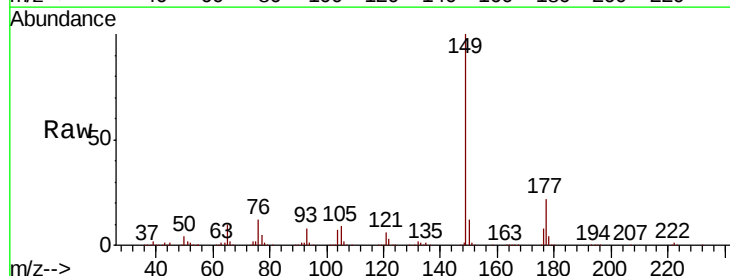


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

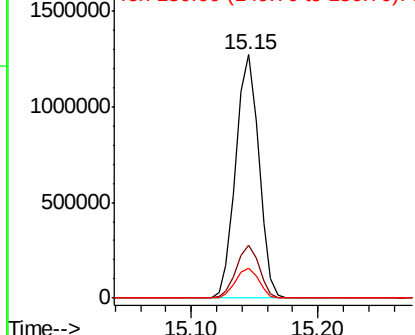
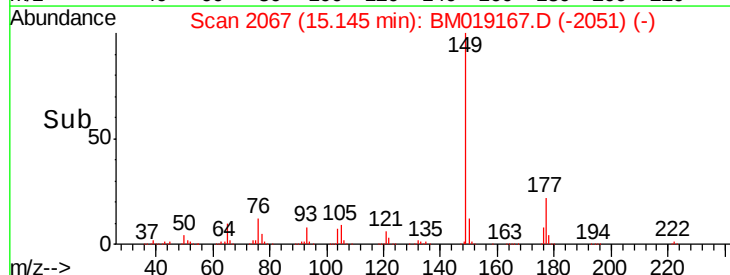


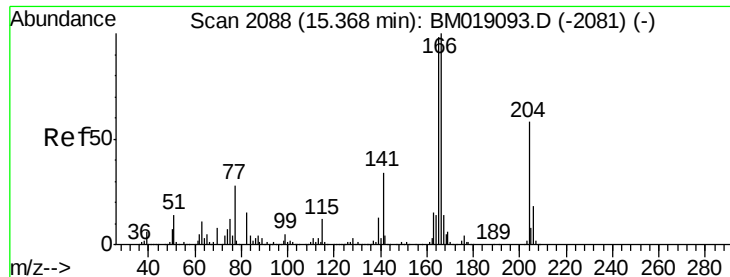
#60
 Diethylphthalate
 Concen: 41.259 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM019167.D
 Acq: 14 Mar 2019 13:50

Tgt Ion:149 Resp: 1601880
 Ion Ratio Lower Upper
 149 100
 177 22.0 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

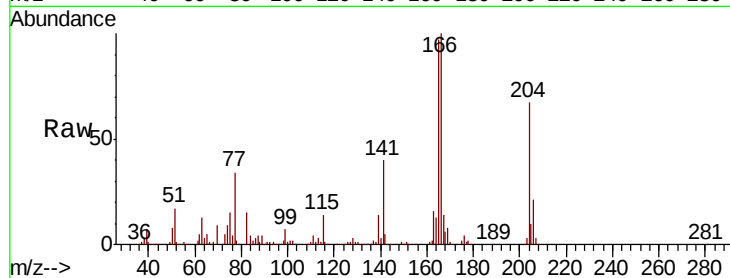




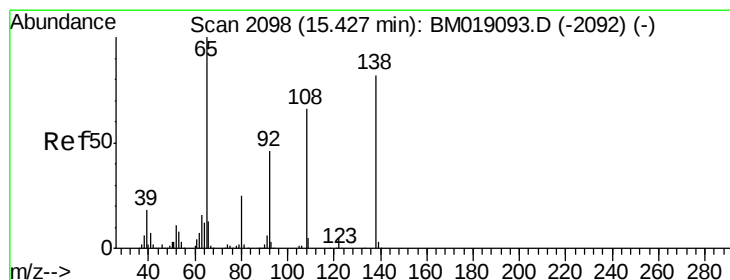
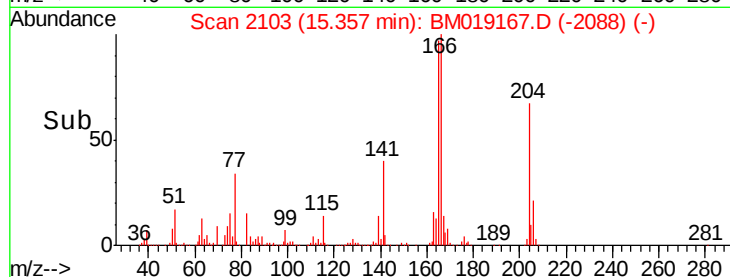
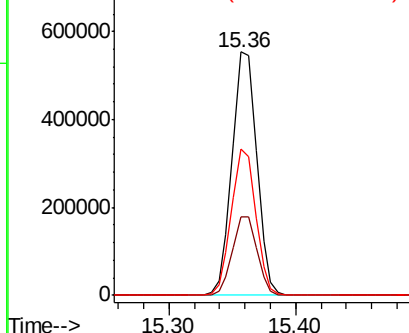
#61
4-Chlorophenyl-phenylether
Concen: 40.781 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Instrument :
BNA_M
ClientSampleId :
PB117903BS

Tot Ion:204 Resp: 747258
Ion Ratio Lower Upper
204 100
206 32.2 25.5 38.3
141 59.9 47.8 71.8

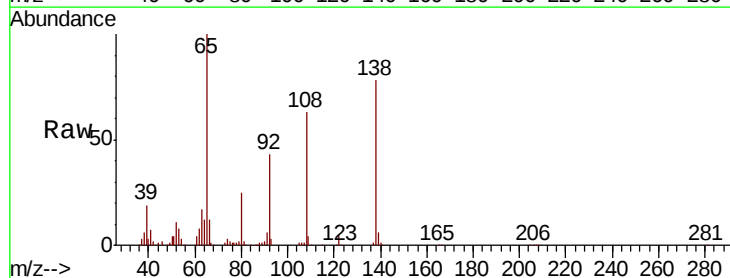


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

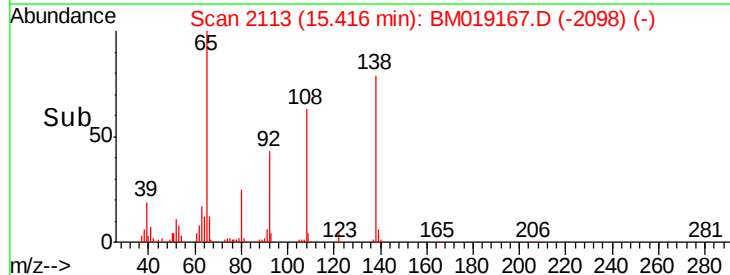
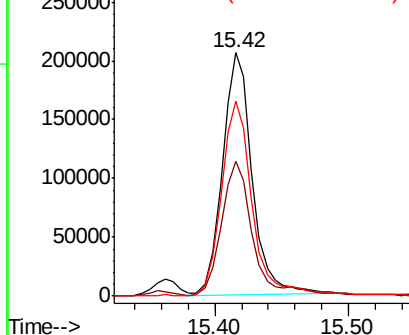


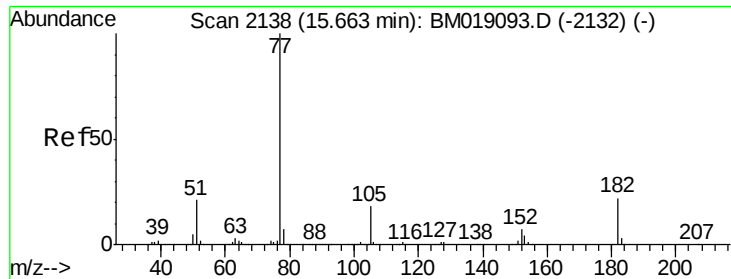
#62
4-Nitroaniline
Concen: 36.126 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion:138 Resp: 319537
Ion Ratio Lower Upper
138 100
92 55.2 36.2 76.2
108 80.3 59.7 99.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

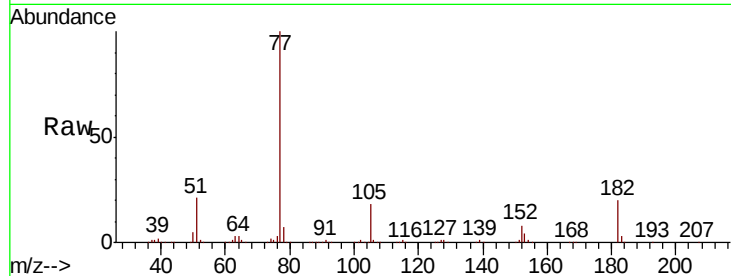




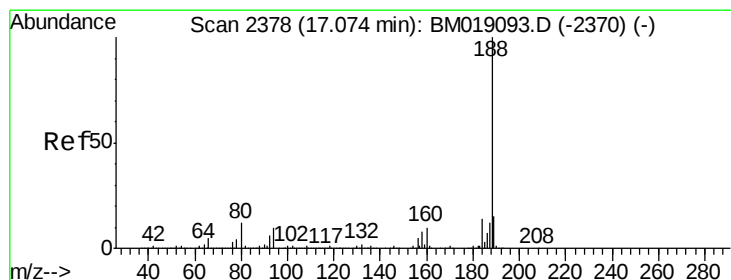
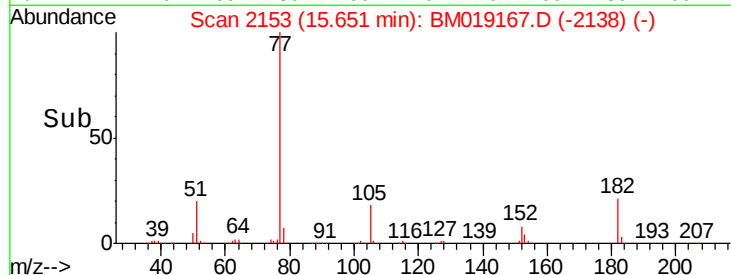
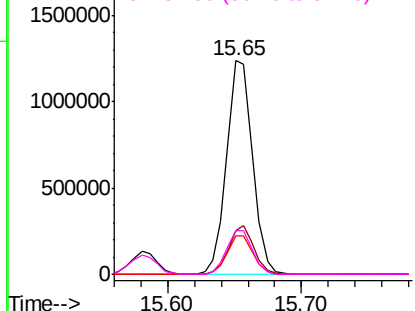
#63
Azobenzene
Concen: 41.411 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Instrument :
BNA_M
ClientSampleId :
PB117903BS

Tot Ion: 77 Resp: 1691823
Ion Ratio Lower Upper
77 100
182 20.4 1.8 41.8
105 17.8 0.0 38.3
51 20.6 0.8 40.8

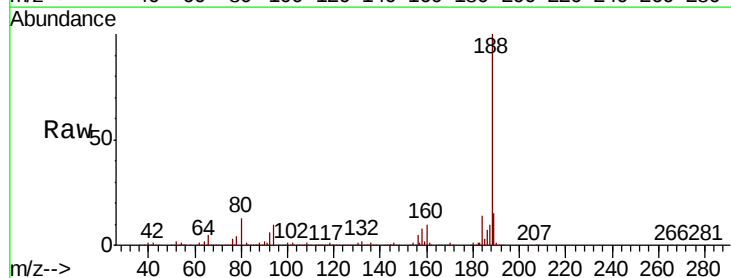


Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-2132) (-)
Ion 182.00 (181.70 to 182.70): BM019093.D (-2132) (-)
Ion 105.00 (104.70 to 105.70): BM019093.D (-2132) (-)
Ion 51.00 (50.70 to 51.70): BM019093.D (-2132) (-)

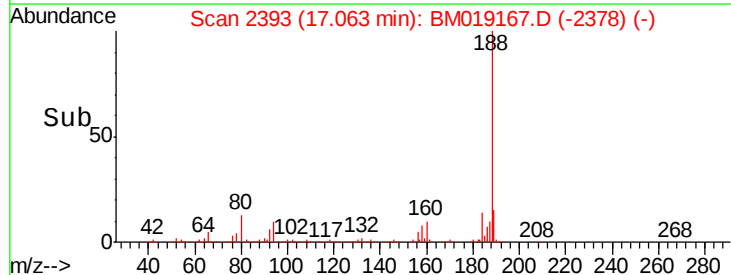
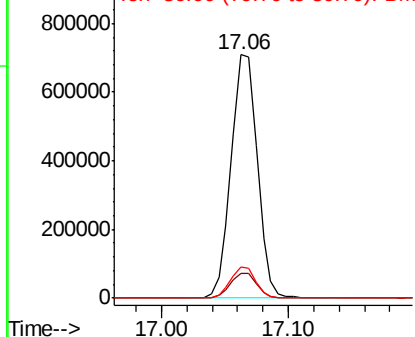


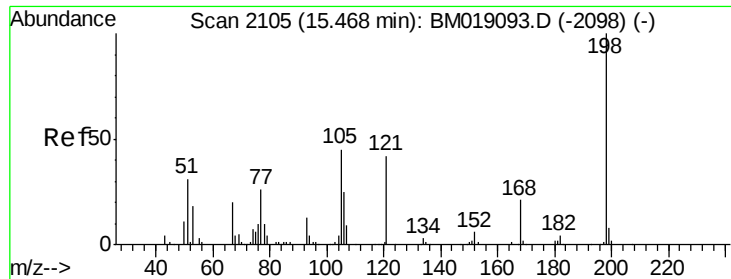
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion: 188 Resp: 1015950
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 12.9 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) (-)

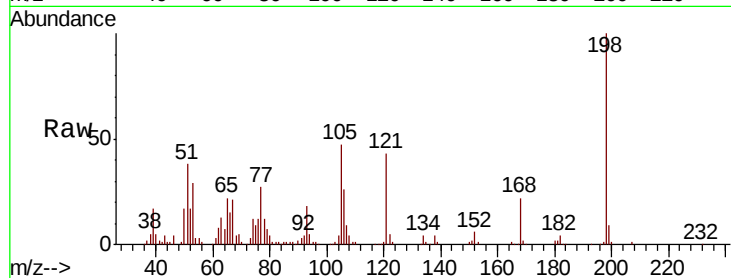




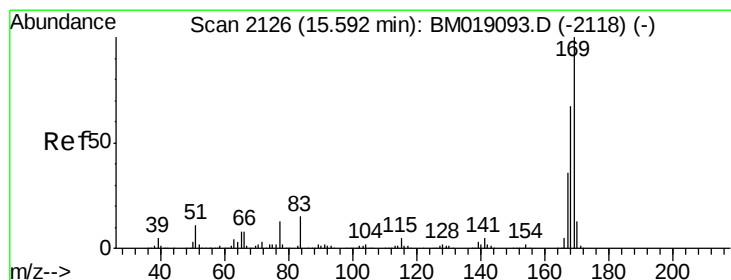
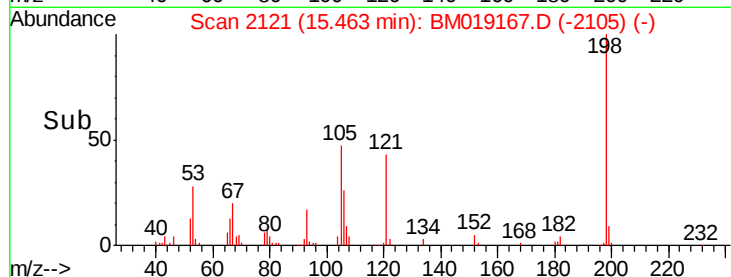
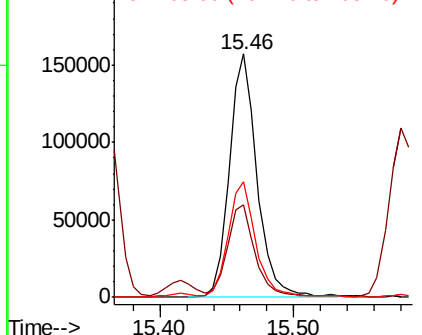
#65
4,6-Dinitro-2-methylphenol
Concen: 34.181 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Instrument :
BNA_M
ClientSampleId :
PB117903BS

Tot Ion:198 Resp: 227562
Ion Ratio Lower Upper
198 100
51 37.8 17.3 57.3
105 47.3 26.2 66.2

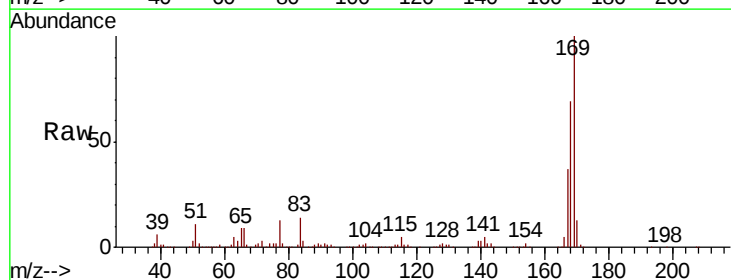


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E

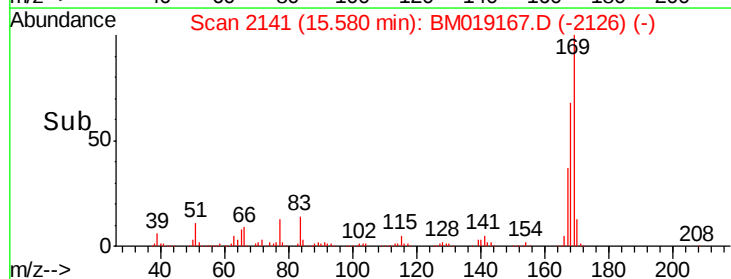
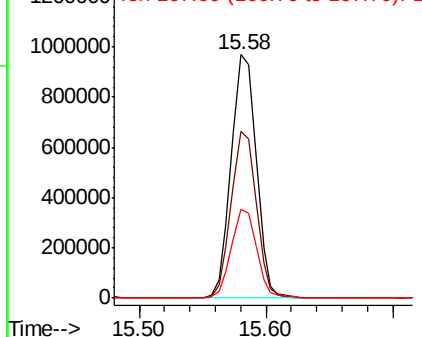


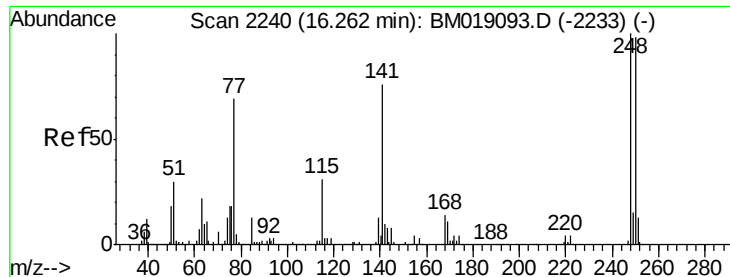
#66
n-Nitrosodiphenylamine
Concen: 41.078 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion:169 Resp: 1328650
Ion Ratio Lower Upper
169 100
168 68.5 53.9 80.9
167 36.6 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

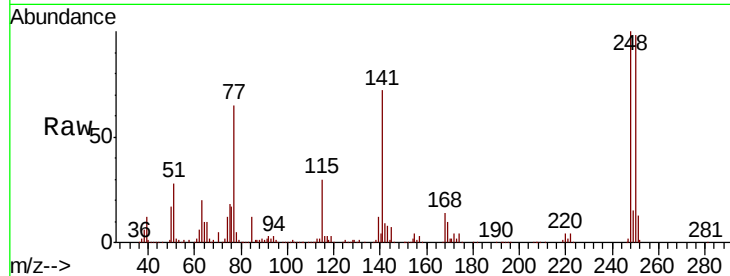




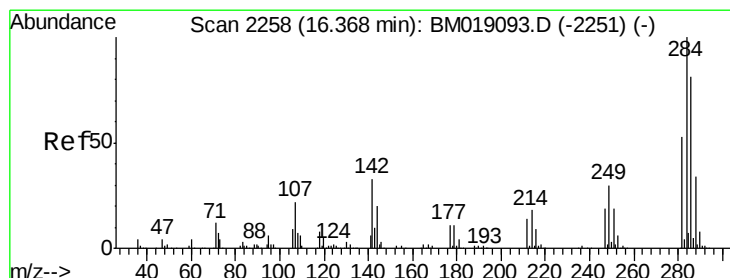
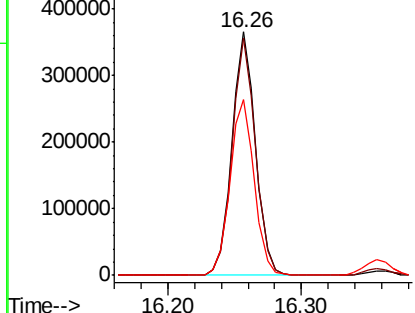
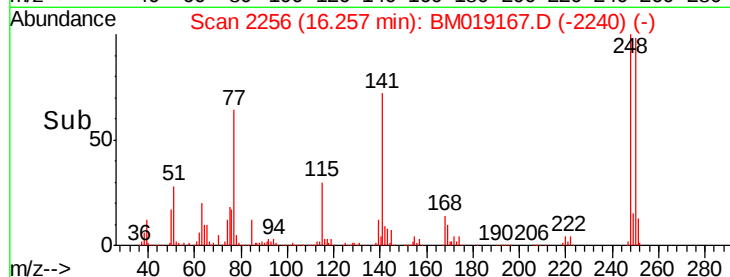
#67
4-Bromophenyl-phenylether
Concen: 40.258 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Instrument :
BNA_M
ClientSampleId :
PB117903BS

Tot Ion:248 Resp: 451020
Ion Ratio Lower Upper
248 100
250 97.7 78.0 117.0
141 72.1 61.0 91.4

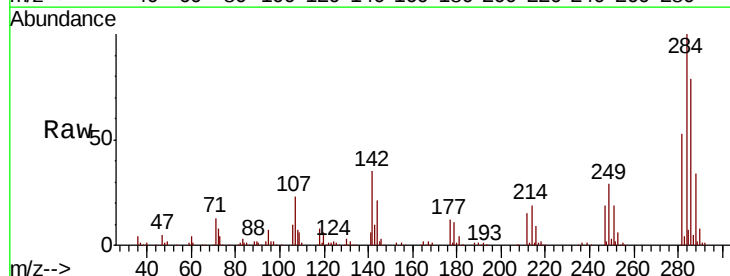


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

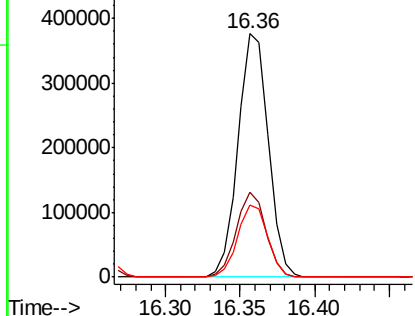
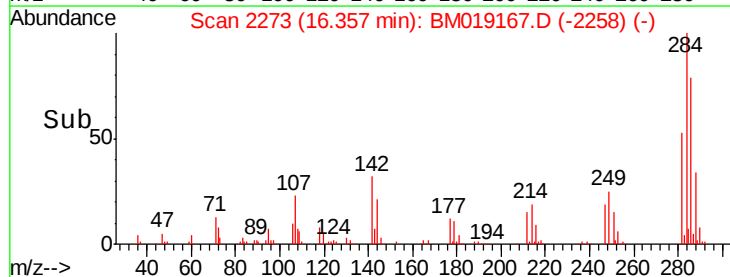


#68
Hexachlorobenzene
Concen: 39.837 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion:284 Resp: 530612
Ion Ratio Lower Upper
284 100
142 34.7 26.3 39.5
249 29.5 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: 41.844 ng

RT: 16.54 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

BNA_M

ClientSampleId :

PB117903BS

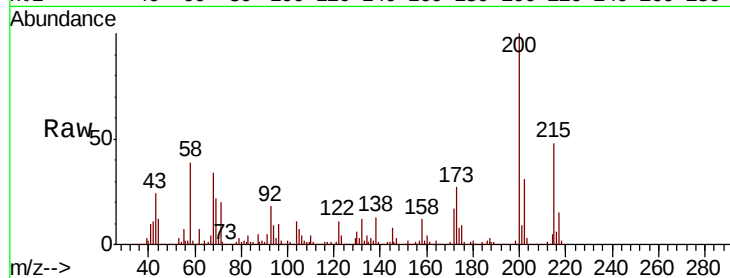
Tot Ion:200 Resp: 455590

Ion Ratio Lower Upper

200 100

173 26.8 7.0 47.0

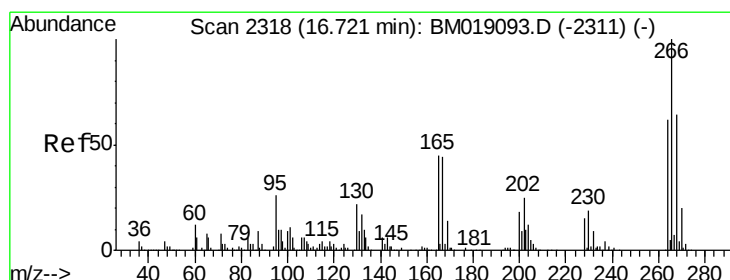
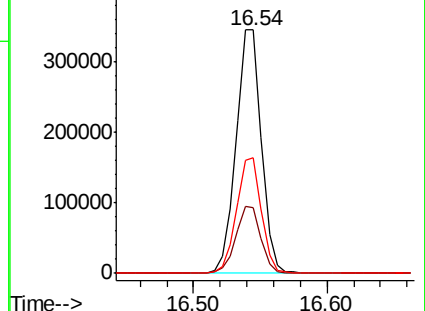
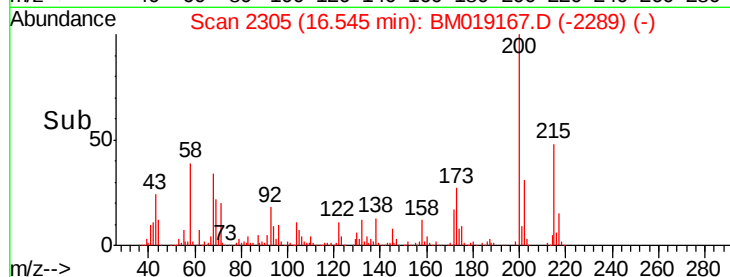
215 47.7 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.684 ng

RT: 16.72 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

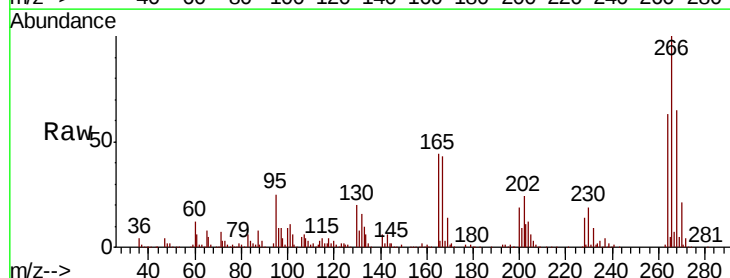
Tgt Ion:266 Resp: 623399

Ion Ratio Lower Upper

266 100

268 64.5 51.3 76.9

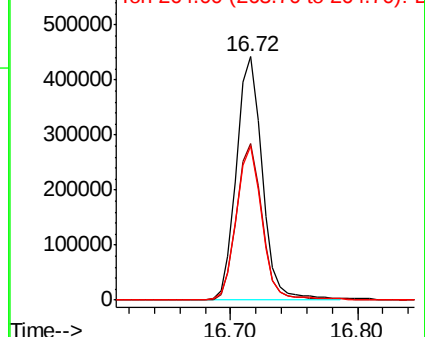
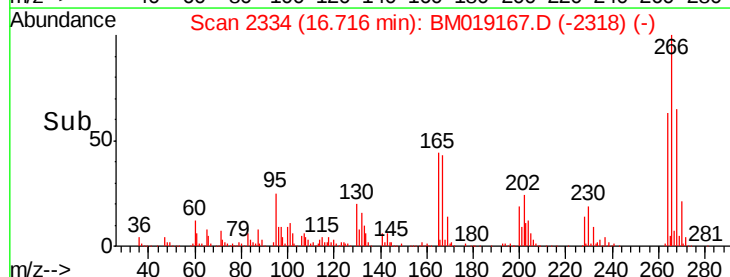
264 63.3 50.0 75.0

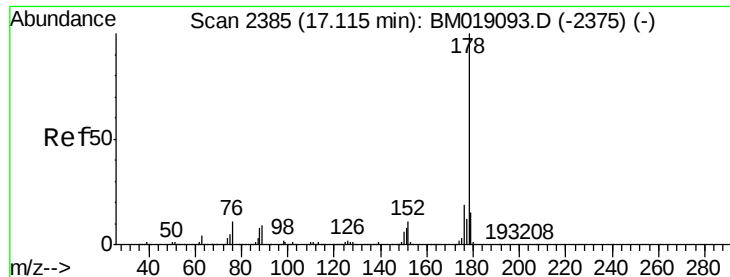


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.347 ng

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

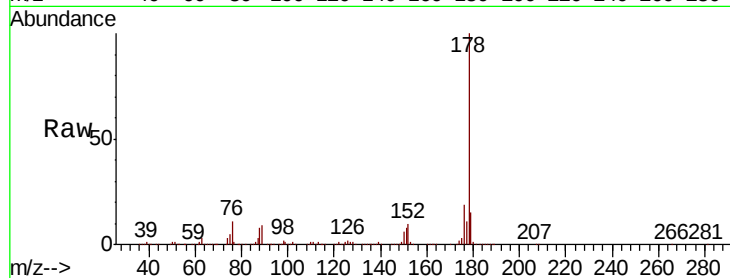
BNA_M

ClientSampleId :

PB117903BS

Tot Ion:178 Resp: 2343026

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.2	12.2	18.2

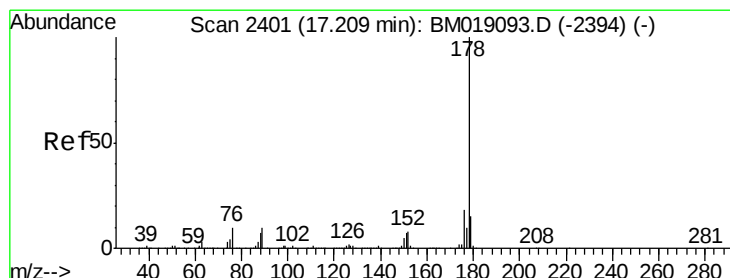
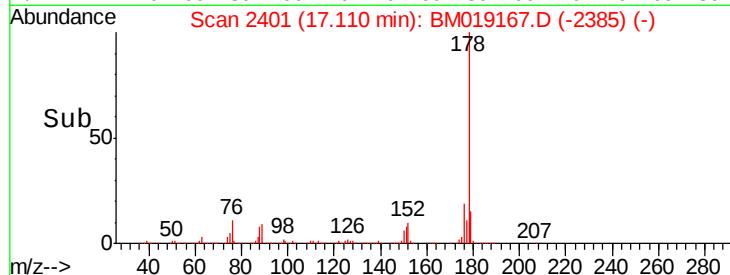
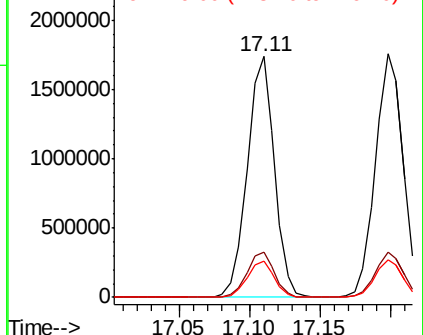


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.959 ng

RT: 17.20 min Scan# 2416

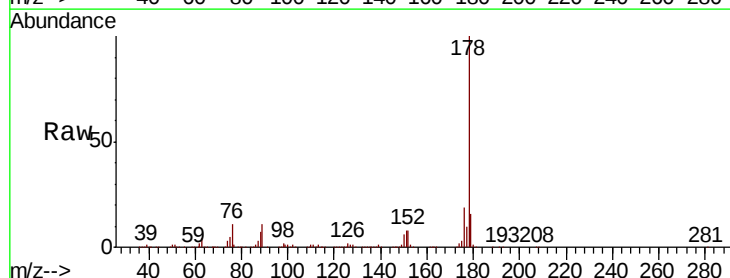
Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Tgt Ion:178 Resp: 2387718

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.5	11.9	17.9

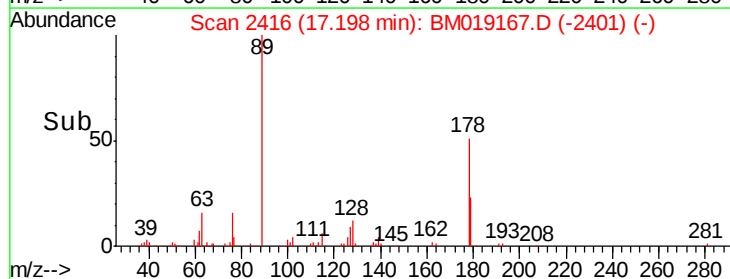
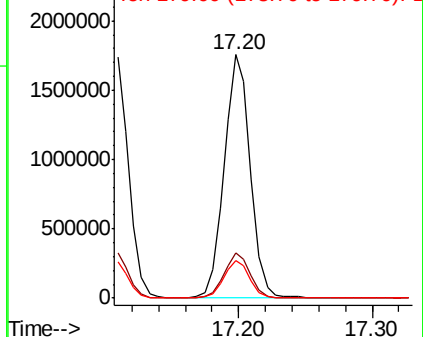


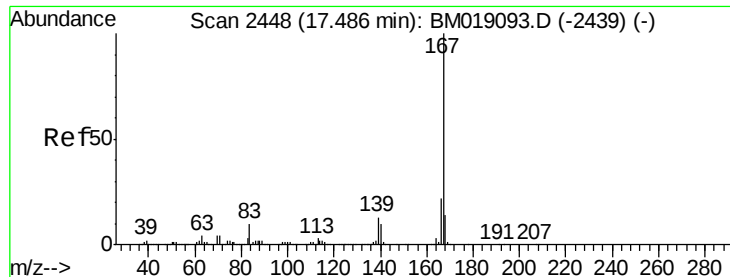
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

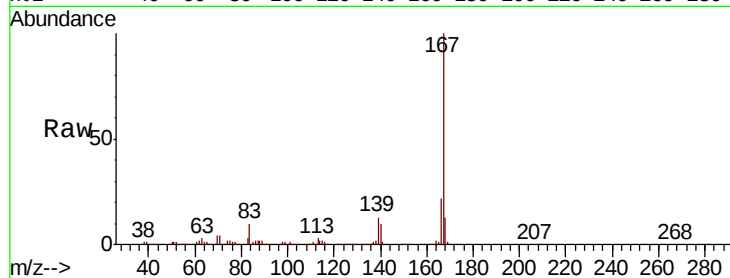




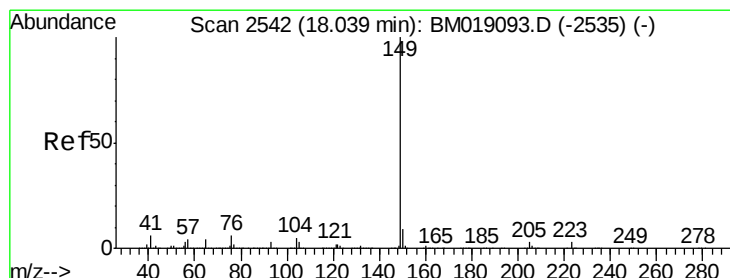
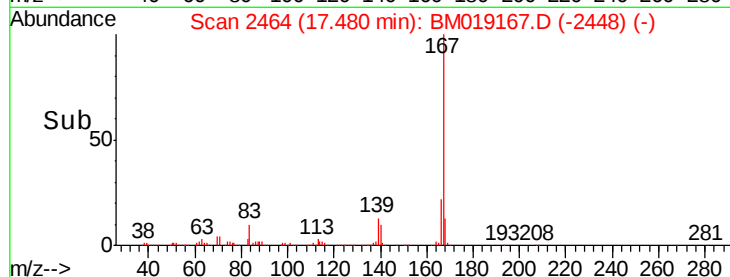
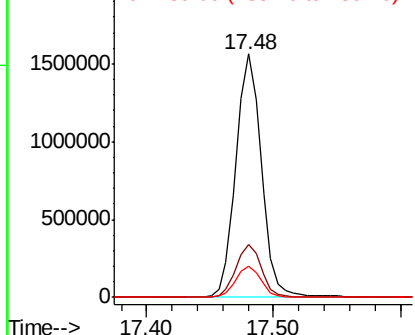
#73
 Carbazole
 Concen: 39.574 ng
 RT: 17.48 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM019167.D
 Acq: 14 Mar 2019 13:50

Instrument :
 BNA_M
 ClientSampleId :
 PB117903BS

Tot Ion:167 Resp: 2177391
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 12.9 10.5 15.7

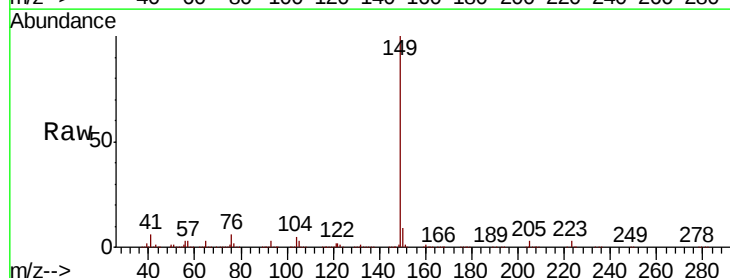


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

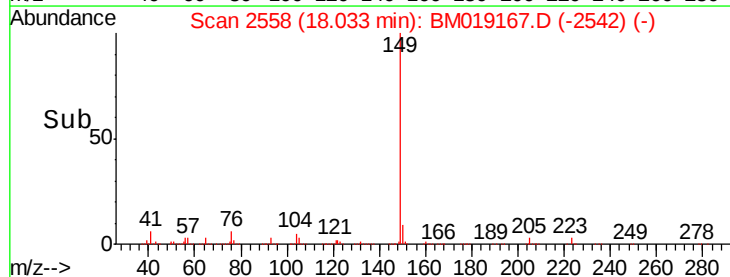
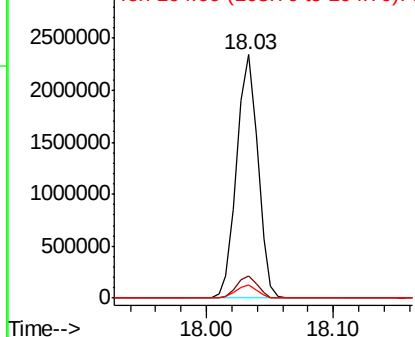


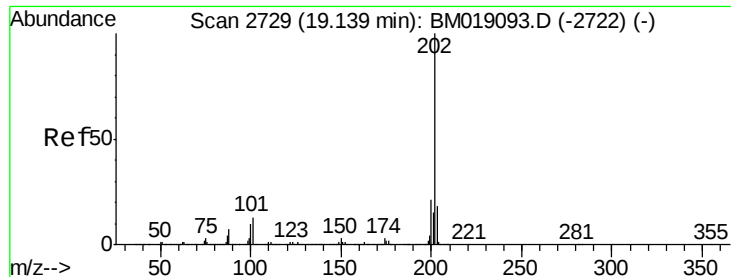
#74
 Di-n-butylphthalate
 Concen: 40.736 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM019167.D
 Acq: 14 Mar 2019 13:50

Tgt Ion:149 Resp: 2710351
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.2 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: 39.152 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

BNA_M

ClientSampleId :

PB117903BS

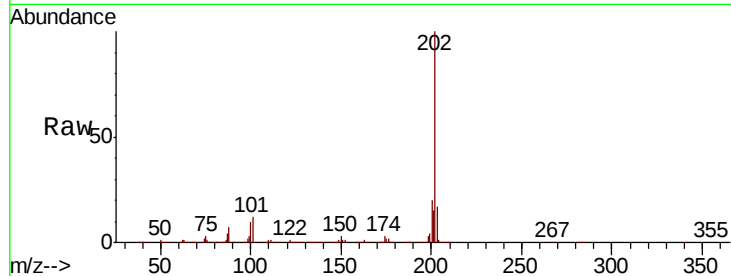
Tot Ion:202 Resp: 2675257

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.0

203 17.3 0.0 37.8

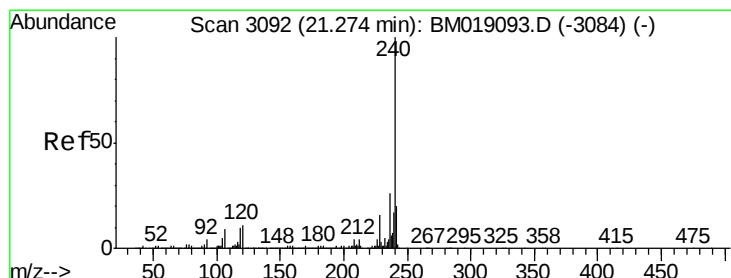
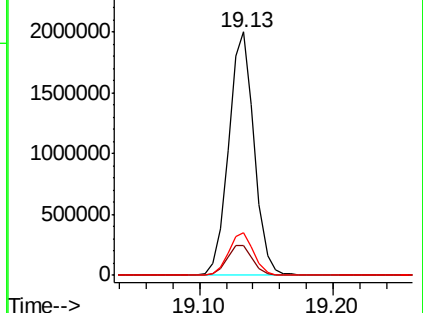
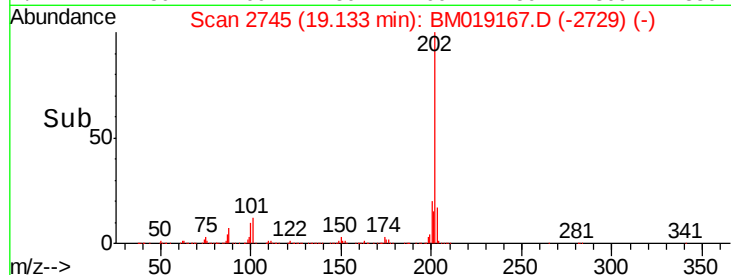


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

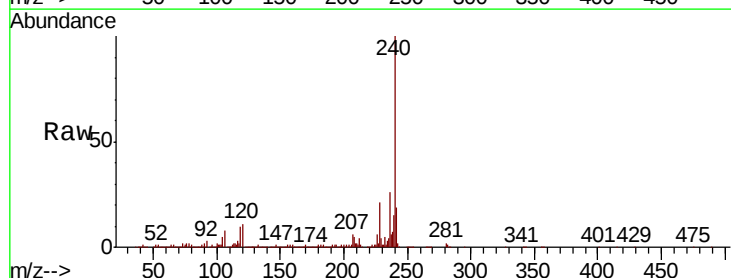
Tgt Ion:240 Resp: 1072215

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 25.6 21.0 31.4

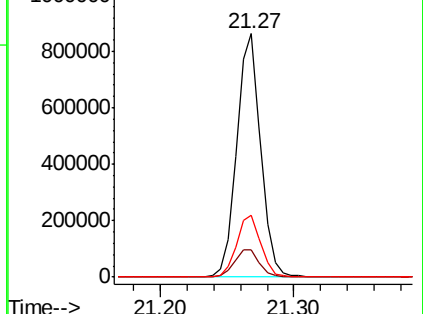
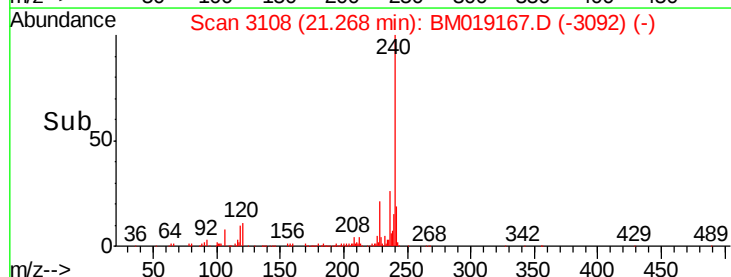


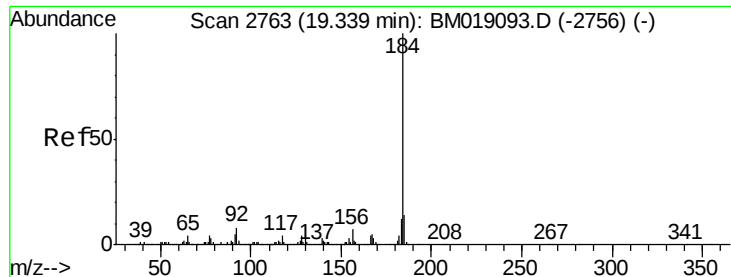
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.202 ng

RT: 19.33 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

BNA_M

ClientSampleId :

PB117903BS

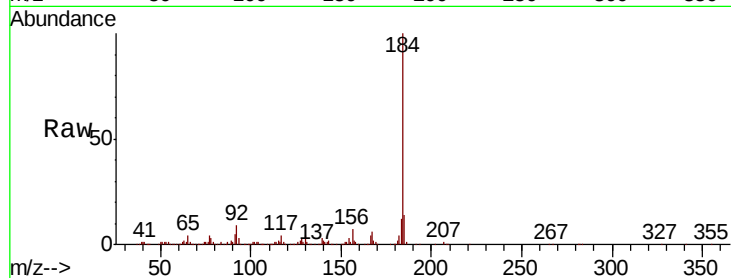
Tot Ion:184 Resp: 1374528

Ion Ratio Lower Upper

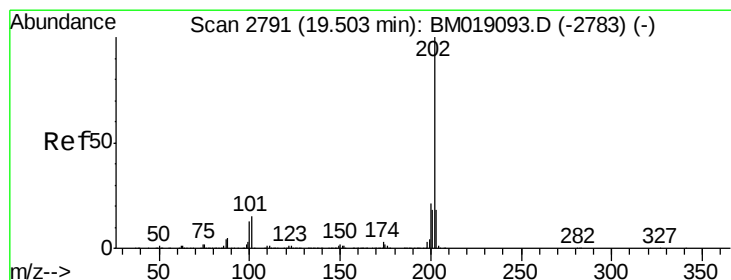
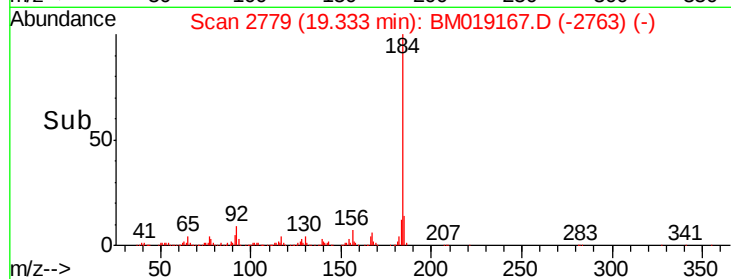
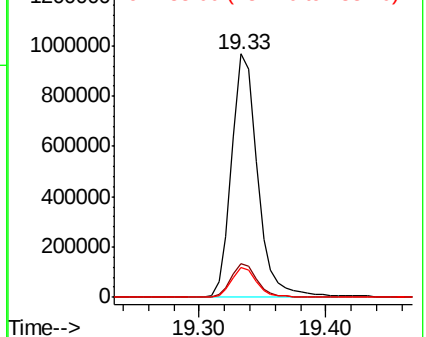
184 100

185 14.1 11.0 16.4

183 12.1 9.8 14.6



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



#78

Pyrene

Concen: 40.566 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

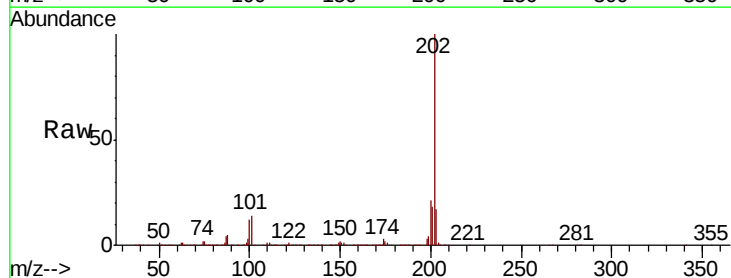
Tgt Ion:202 Resp: 2751974

Ion Ratio Lower Upper

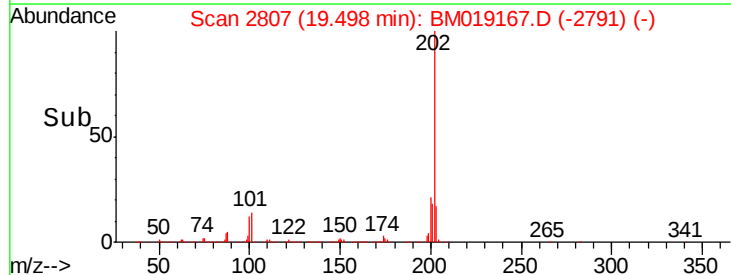
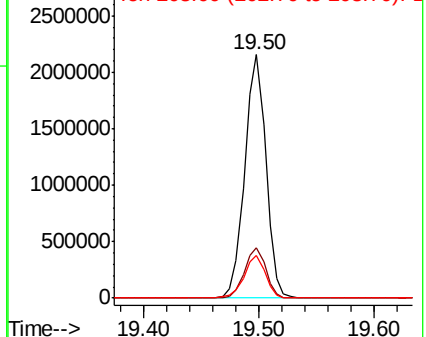
202 100

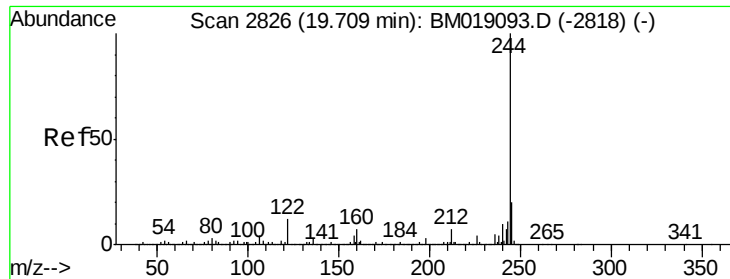
200 20.8 16.9 25.3

203 17.4 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: 79.581 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

BNA_M

ClientSampleId :

PB117903BS

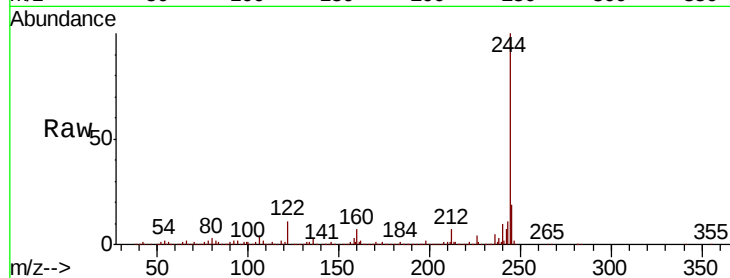
Tot Ion:244 Resp: 4298156

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

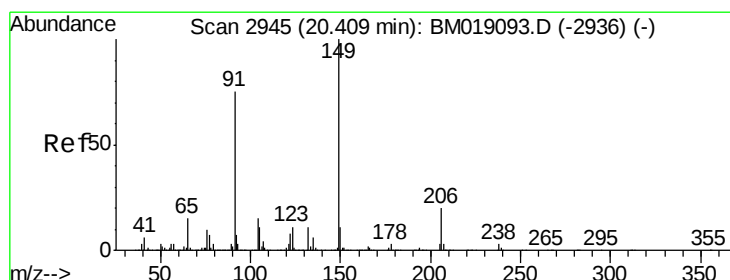
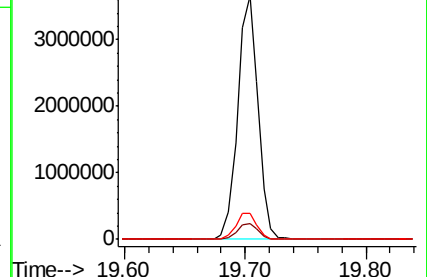
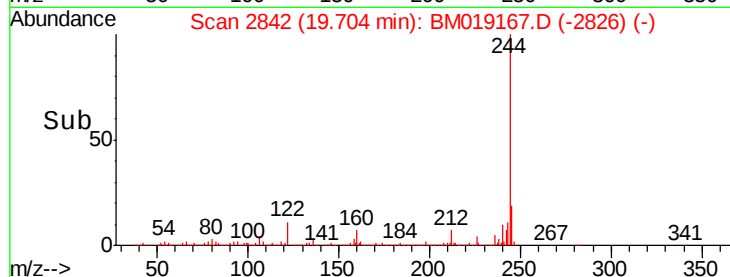
122 10.9 9.4 14.2



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: 43.652 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

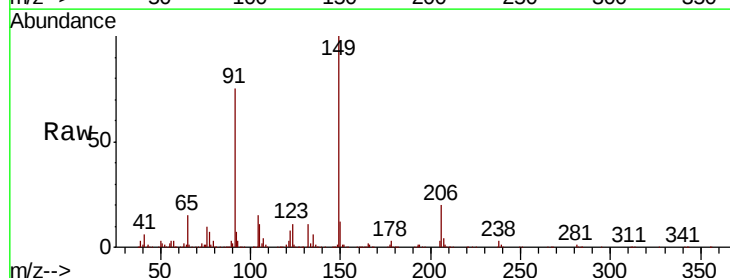
Tgt Ion:149 Resp: 1289851

Ion Ratio Lower Upper

149 100

91 75.5 60.1 90.1

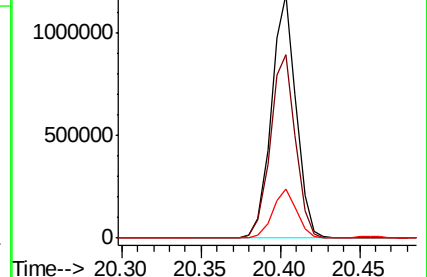
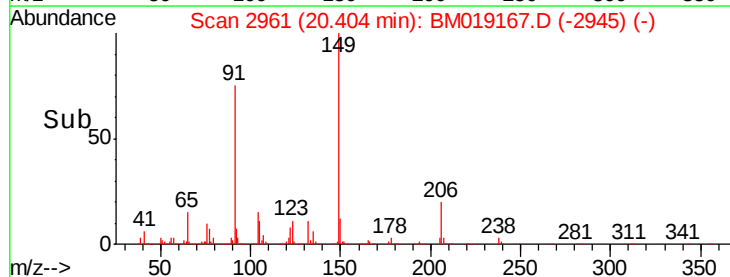
206 19.9 16.2 24.2

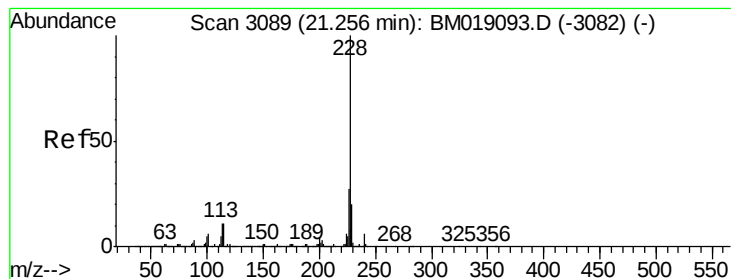


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.038 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

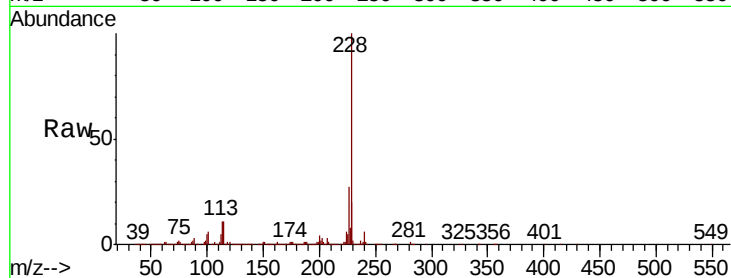
BNA_M

ClientSampleId :

PB117903BS

Tot Ion:228 Resp: 2625990

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.8
229	19.8	15.8	23.6

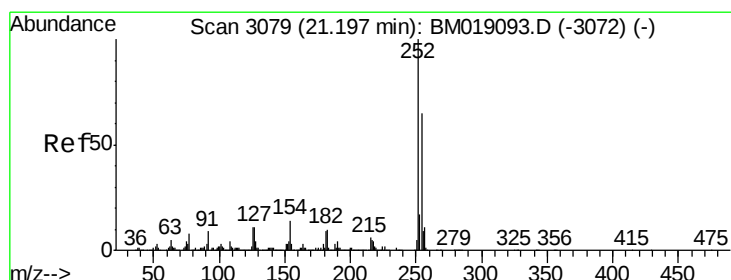
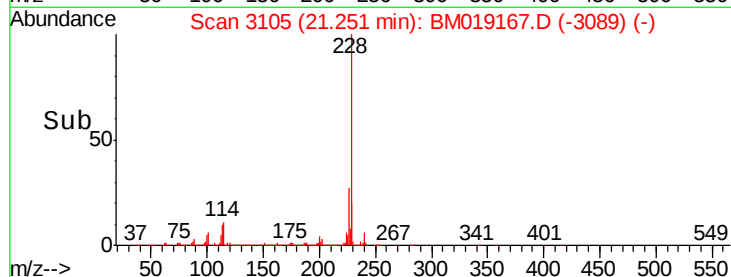
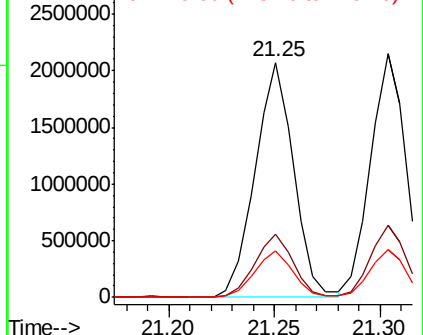


Abundance

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: 25.502 ng

RT: 21.19 min Scan# 3095

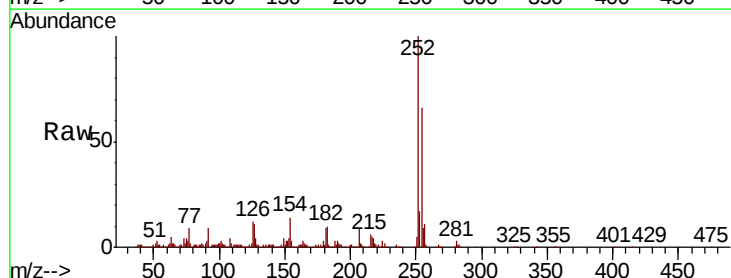
Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Tgt Ion:252 Resp: 660848

Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.4	78.6
126	11.7	9.0	13.6

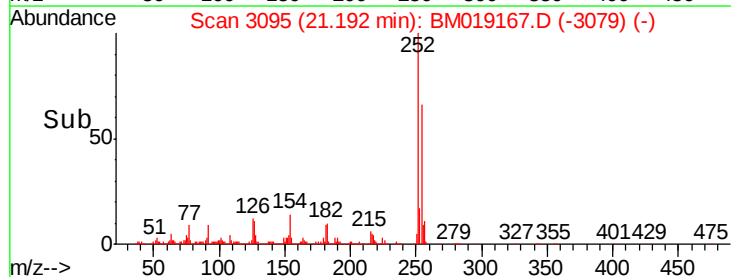
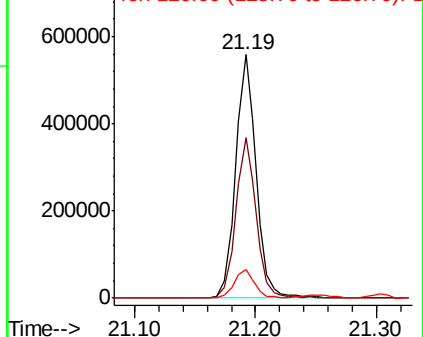


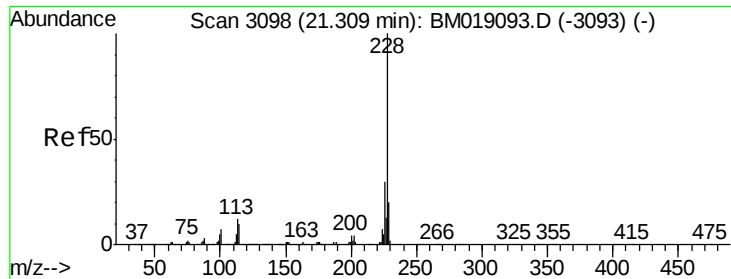
Abundance

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

Chrvsene

Concen: 38.754 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

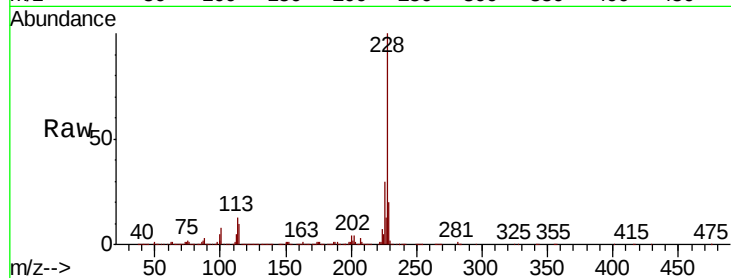
BNA_M

ClientSampleId :

PB117903BS

Tot Ion:228 Resp: 2521943

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.8	15.7	23.5

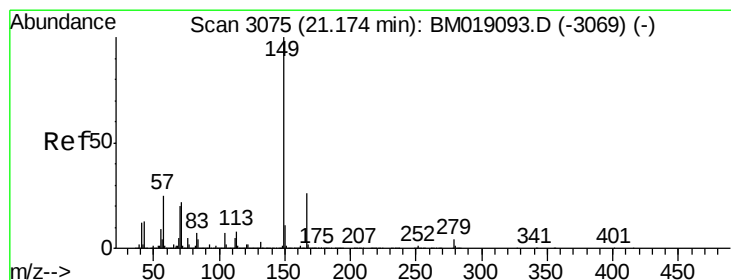
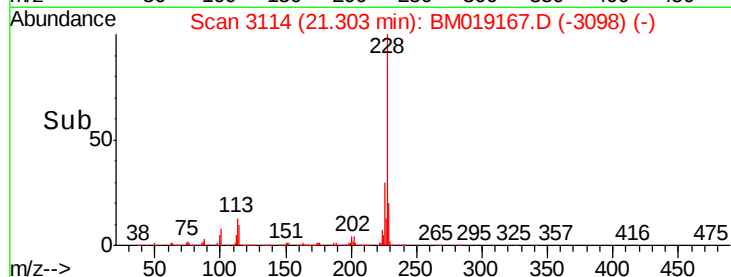
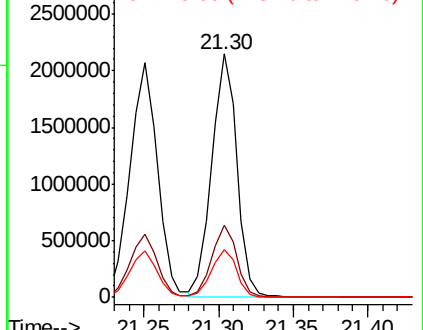


Abundance

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: 44.273 ng

RT: 21.17 min Scan# 3091

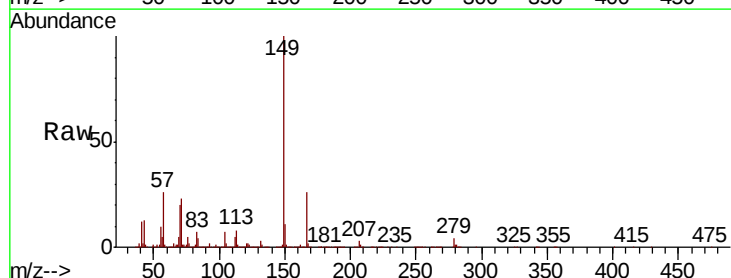
Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Tgt Ion:149 Resp: 1903206

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.1	31.7
279	3.9	3.2	4.8

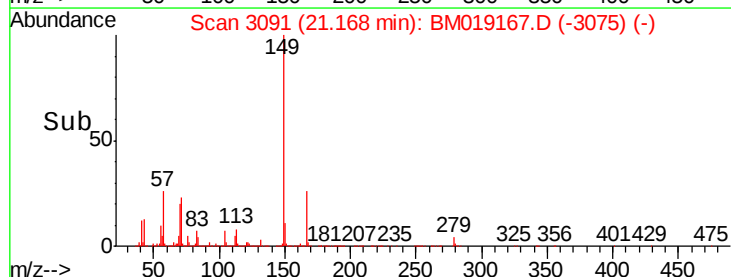
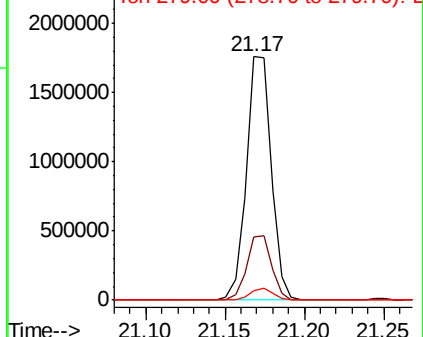


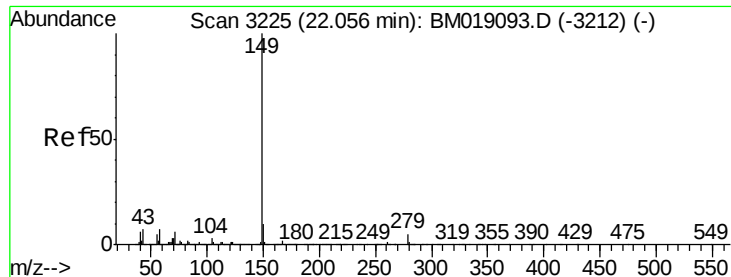
Abundance

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: 45.600 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

BNA_M

ClientSampleId :

PB117903BS

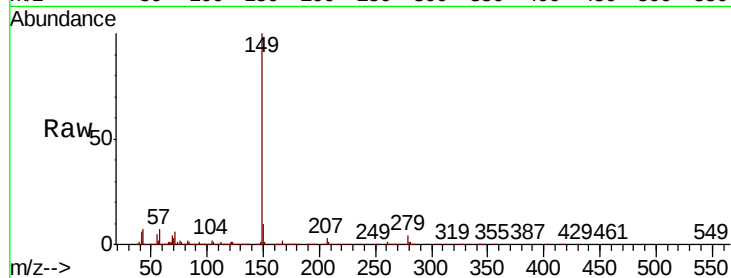
Tot Ion:149 Resp: 3300808

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

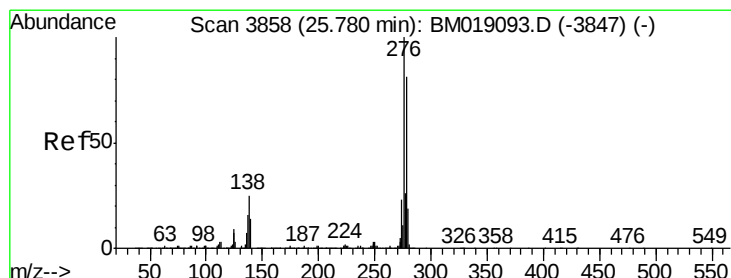
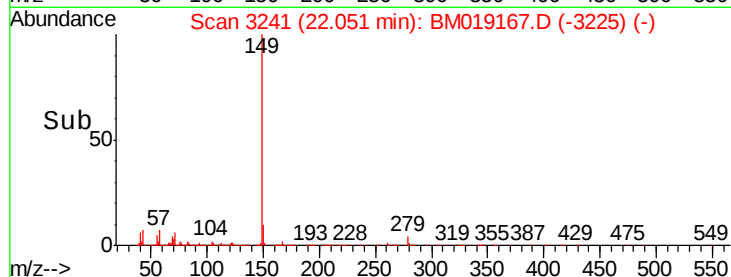
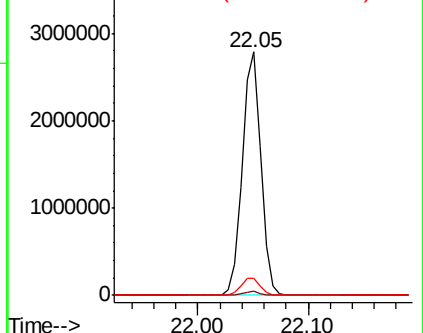
43 7.6 6.1 9.1



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: 36.277 ng

RT: 25.76 min Scan# 3872

Delta R.T. -0.02 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

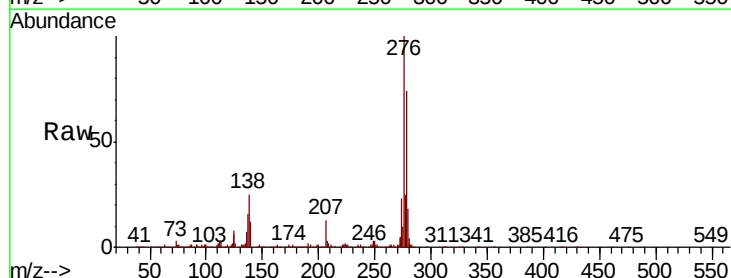
Tgt Ion:276 Resp: 2541331

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.8

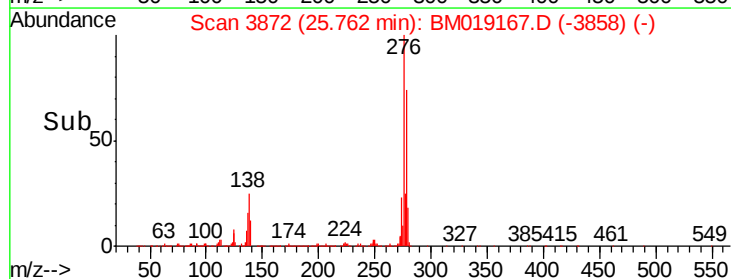
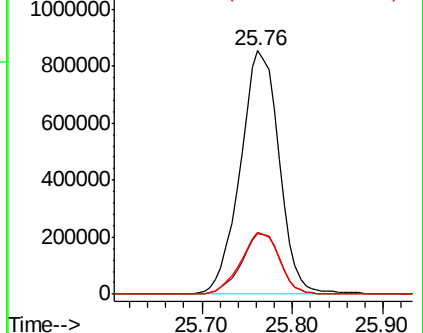
277 25.5 20.3 30.5

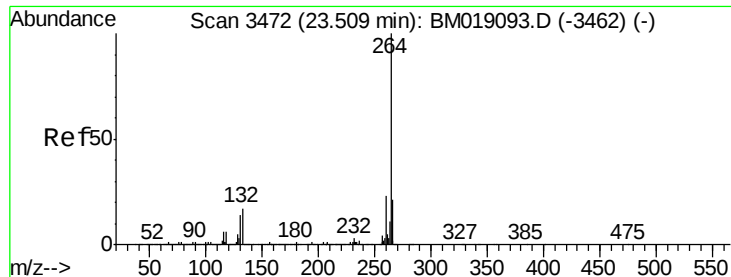


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

BNA_M

ClientSampleId :

PB117903BS

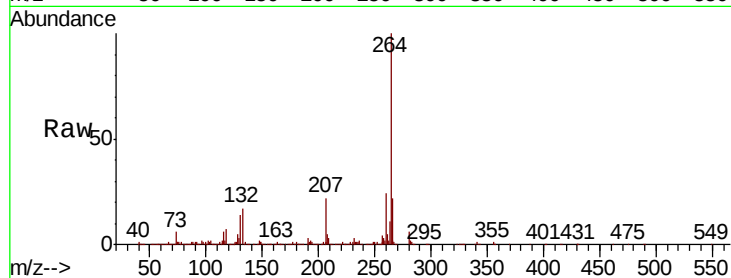
Tot Ion:264 Resp: 959343

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 21.8 17.3 25.9

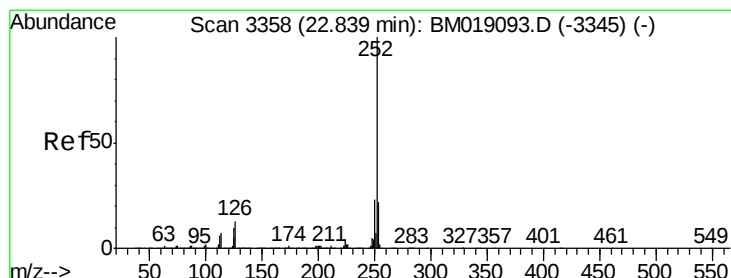
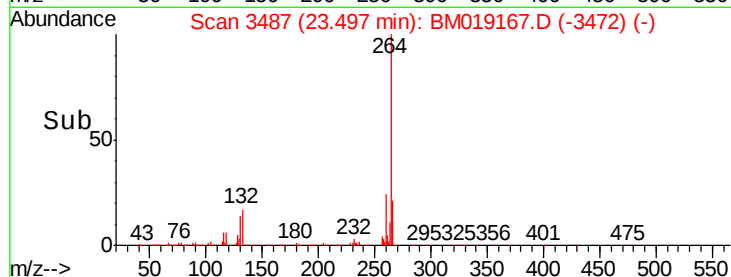
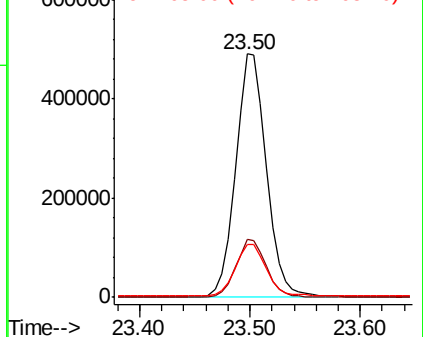


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.458 ng

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

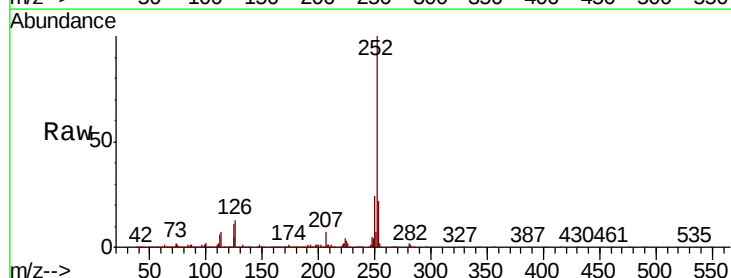
Tgt Ion:252 Resp: 2515016

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.5 8.1 12.1

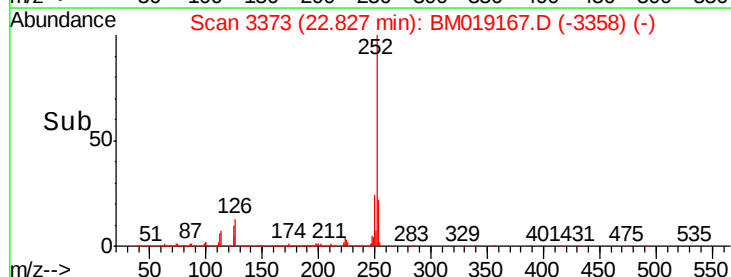
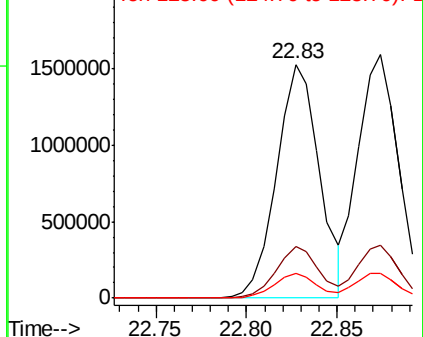


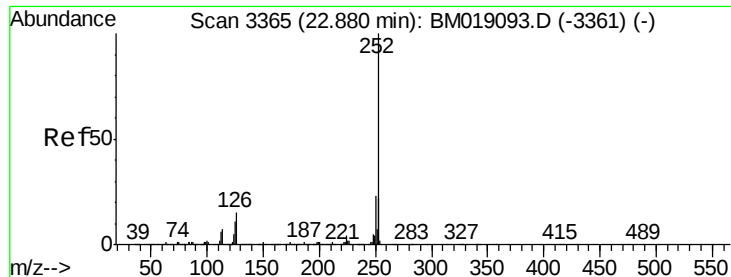
Abundance

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

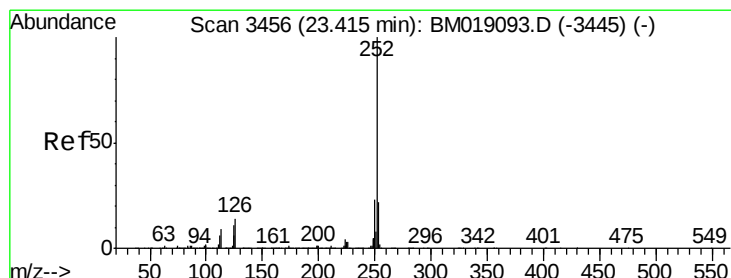
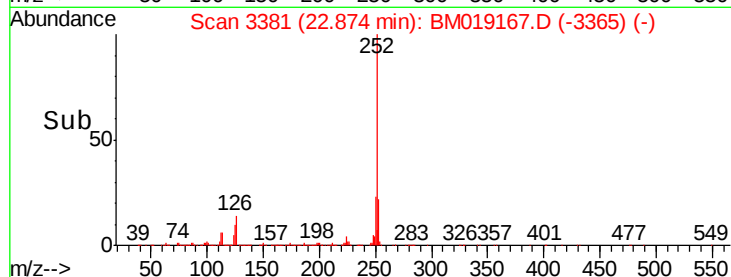
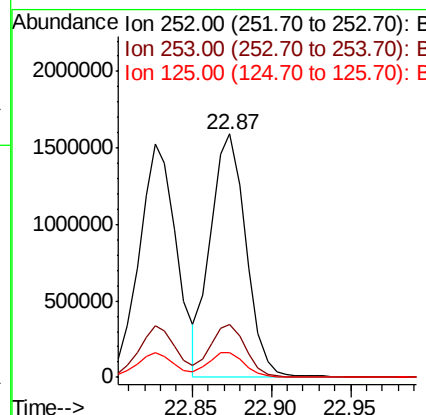
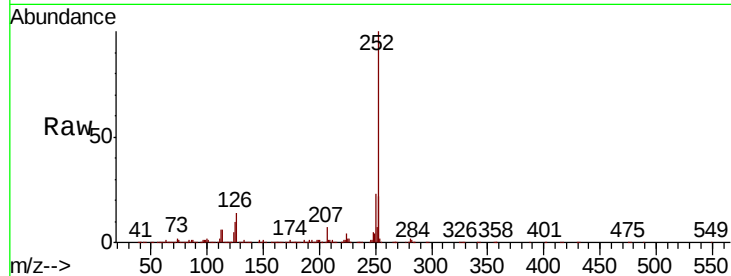




#89
Benzo(k)fluoranthene
Concen: 43.108 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

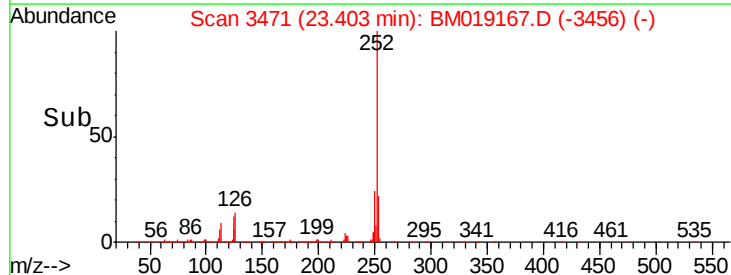
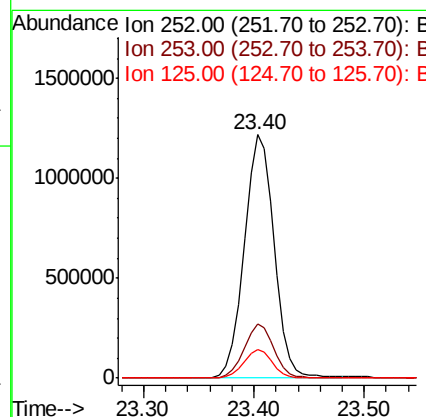
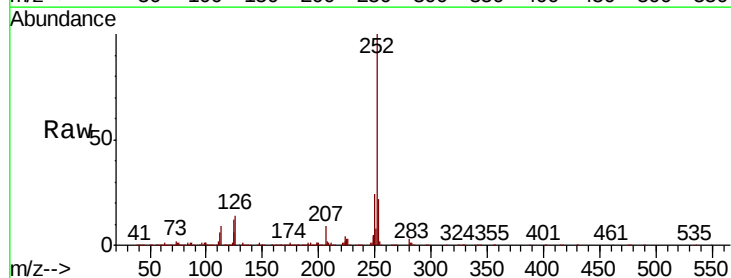
Instrument :
BNA_M
ClientSampleId :
PB117903BS

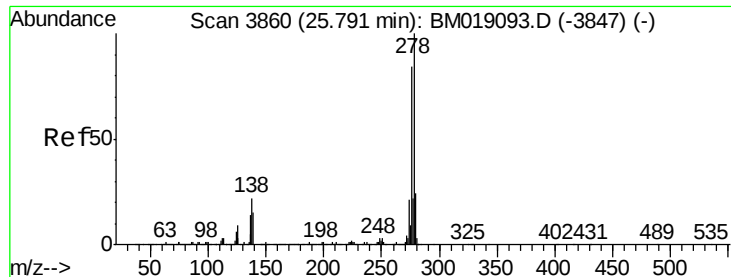
Tot Ion:252 Resp: 2464778
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.1 8.8 13.2



#90
Benzo(a)pyrene
Concen: 41.411 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM019167.D
Acq: 14 Mar 2019 13:50

Tgt Ion:252 Resp: 2313387
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.6 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 40.536 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.02 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Instrument :

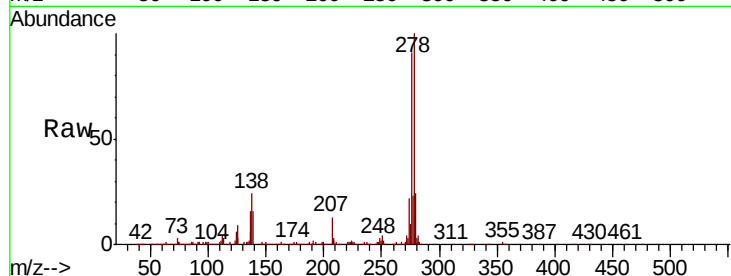
BNA_M

ClientSampleId :

PB117903BS

Tot Ion:278 Resp: 2166206

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.3	18.5
279	23.8	18.9	28.3

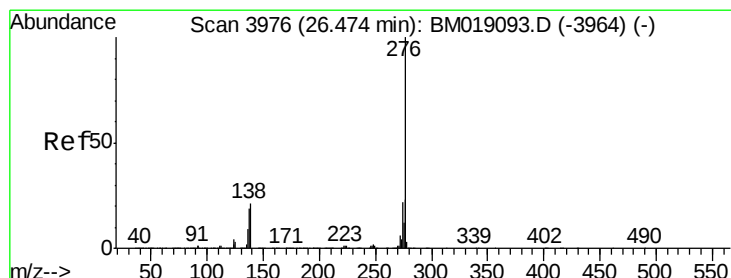
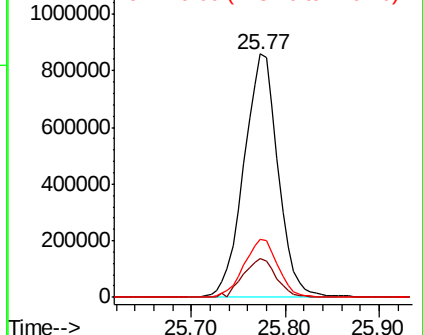
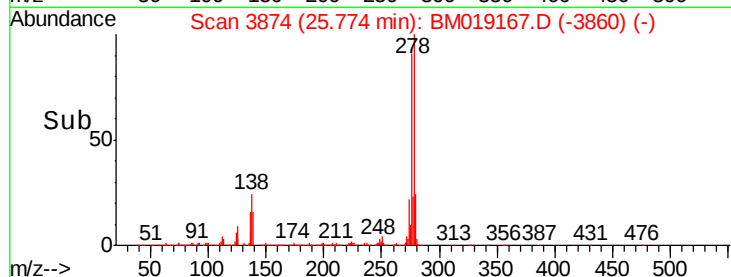


Abundance

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: 41.418 ng

RT: 26.46 min Scan# 3991

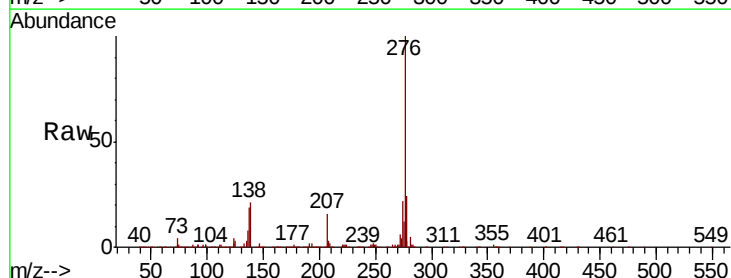
Delta R.T. -0.01 min

Lab File: BM019167.D

Acq: 14 Mar 2019 13:50

Tgt Ion:276 Resp: 2032049

Ion	Ratio	Lower	Upper
276	100		
277	23.7	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

