

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032119\
 Data File : BM019305.D
 Acq On : 21 Mar 2019 23:58
 Operator : JU/SJ
 Sample : K2002-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMPMSSD

Quant Time: Mar 22 04:46:02 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	7.63	152	209232	20.00	ng	-0.04
21) Naphthalene-d8	10.41	136	954774	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	530396	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	1052530	20.00	ng	-0.03
76) Chrysene-d12	21.25	240	770869	20.00	ng	-0.02
87) Perylene-d12	23.47	264	843251	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1957442	151.51	ng	-0.02
7) Phenol-d6	6.82	99	2790785	147.68	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1693067	83.82	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	1063972	135.86	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	3701771	90.78	ng	-0.04
79) Terphenyl-d14	19.69	244	3956979	101.90	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	204844	35.641	ng	100
3) Pyridine	3.59	79	582721	37.267	ng	99
4) n-Nitrosodimethylamine	3.52	42	205193	42.211	ng	96
6) Aniline	6.98	93	445522	18.260	ng	99
8) 2-Chlorophenol	7.20	128	725594	46.735	ng	98
9) Benzaldehyde	6.79	77	205296	17.271	ng	99
10) Phenol	6.85	94	1144849	56.212	ng	98
11) bis(2-Chloroethyl)ether	7.07	93	649690	41.805	ng	97
12) 1,3-Dichlorobenzene	7.52	146	662130	40.300	ng	98
13) 1,4-Dichlorobenzene	7.66	146	688730	41.117	ng	98
14) 1,2-Dichlorobenzene	7.97	146	675873	41.472	ng	99
15) Benzyl Alcohol	7.89	79	662012	42.327	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.16	45	606661	38.231	ng	98
17) 2-Methylphenol	8.08	107	624026	47.019	ng	98
18) Hexachloroethane	8.69	117	234778	37.719	ng	92
19) n-Nitroso-di-n-propylamine	8.45	70	592923	38.244	ng	97
20) 3+4-Methylphenols	8.41	107	816917	45.347	ng	98
22) Acetophenone	8.46	105	1011559	38.337	ng	# 99
24) Nitrobenzene	8.85	77	880065	41.895	ng	96
25) Isophorone	9.36	82	1662290	43.130	ng	100
26) 2-Nitrophenol	9.54	139	400220	45.963	ng	99
27) 2,4-Dimethylphenol	9.60	122	695215	53.706	ng	98
28) bis(2-Chloroethoxy)methane	9.84	93	1051946	46.095	ng	99
29) 2,4-Dichlorophenol	10.07	162	730823	50.976	ng	99
30) 1,2,4-Trichlorobenzene	10.27	180	735502	45.497	ng	99
31) Naphthalene	10.46	128	2255537	44.821	ng	99
32) Benzoic acid	9.73	122	100719	9.187	ng	97
33) 4-Chloroaniline	10.60	127	203686	9.874	ng	99
34) Hexachlorobutadiene	10.72	225	388536	41.882	ng	99
35) Caprolactam	11.43	113	276331	54.108	ng	96
36) 4-Chloro-3-methylphenol	11.73	107	797560	45.086	ng	98
37) 2-Methylnaphthalene	12.09	142	1655464	45.270	ng	99
38) 1-Methylnaphthalene	12.30	142	1585033	43.974	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	797975	47.561	ng	99

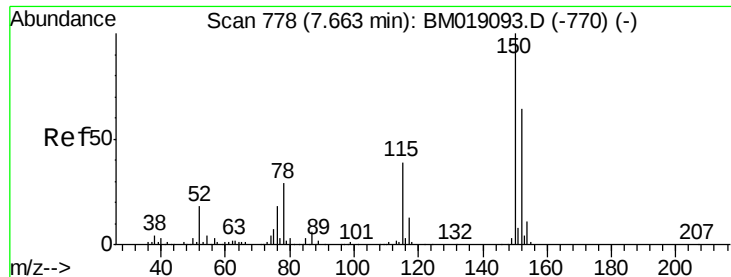
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032119\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	745944	98.155	ng	99
43) 2,4,6-Trichlorophenol	12.71	196	574053	52.945	ng	99
44) 2,4,5-Trichlorophenol	12.79	196	606388	52.301	ng	97
46) 1,1'-Biphenyl	13.12	154	2123755	45.849	ng	98
47) 2-Chloronaphthalene	13.16	162	1641350	47.472	ng	99
48) 2-Nitroaniline	13.39	65	518589	44.723	ng	94
49) Acenaphthylene	14.01	152	2599796	44.471	ng	99
50) Dimethylphthalate	13.76	163	2361854	52.054	ng	99
51) 2,6-Dinitrotoluene	13.89	165	446718	45.545	ng	90
52) Acenaphthene	14.35	154	1493738	44.467	ng	99
53) 3-Nitroaniline	14.23	138	237439	22.857	ng	95
54) 2,4-Dinitrophenol	14.43	184	315218	55.339	ng	97
55) Dibenzofuran	14.69	168	2384989	44.025	ng	98
56) 4-Nitrophenol	14.55	139	665735	78.491	ng	91
57) 2,4-Dinitrotoluene	14.69	165	610405	42.873	ng	98
58) Fluorene	15.34	166	1948234	43.629	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	503374	46.636	ng	95
60) Diethylphthalate	15.13	149	2021968	44.001	ng	99
61) 4-Chlorophenyl-phenylether	15.34	204	979349	45.157	ng	96
62) 4-Nitroaniline	15.40	138	386225	36.892	ng	96
63) Azobenzene	15.63	77	2070677	42.822	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	284551	41.256	ng	93
66) n-Nitrosodiphenylamine	15.56	169	1682351	50.206	ng	99
67) 4-Bromophenyl-phenylether	16.23	248	571955	49.278	ng	97
68) Hexachlorobenzene	16.34	284	676278	49.009	ng	97
69) Atrazine	16.53	200	553530	49.072	ng	100
70) Pentachlorophenol	16.69	266	721871	86.828	ng	99
71) Phenanthrene	17.09	178	2780758	45.075	ng	99
72) Anthracene	17.18	178	2792871	46.244	ng	99
73) Carbazole	17.46	167	2381827	41.785	ng	98
74) Di-n-butylphthalate	18.02	149	3196315	46.371	ng	99
75) Fluoranthene	19.12	202	2691834	38.026	ng	98
77) Benzidine	19.32	184	1067747	48.840	ng	100
78) Pyrene	19.48	202	2629549	53.913	ng	99
80) Butylbenzylphthalate	20.39	149	1129269	53.158	ng	97
81) Benzo(a)anthracene	21.23	228	2142005	44.292	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	566754	30.421	ng	99
83) Chrysene	21.29	228	2103734	44.964	ng	100
84) Bis(2-ethylhexyl)phthalate	21.15	149	1745627	56.482	ng	100
85) Di-n-octyl phthalate	22.03	149	2639242	50.713	ng	100
86) Indeno(1,2,3-cd)pyrene	25.73	276	2929647	58.169	ng	100
88) Benzo(b)fluoranthene	22.81	252	2314237	42.354	ng	100
89) Benzo(k)fluoranthene	22.85	252	2282934	45.425	ng	99
90) Benzo(a)pyrene	23.38	252	2283632	46.506	ng	100
91) Dibenzo(a,h)anthracene	25.74	278	2503753	53.302	ng	99
92) Benzo(g,h,i)perylene	26.43	276	2415263	56.006	ng	99

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

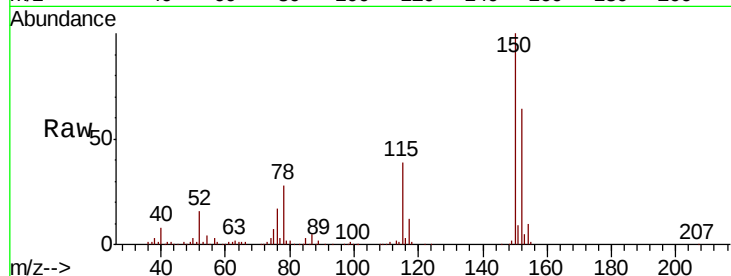


#1

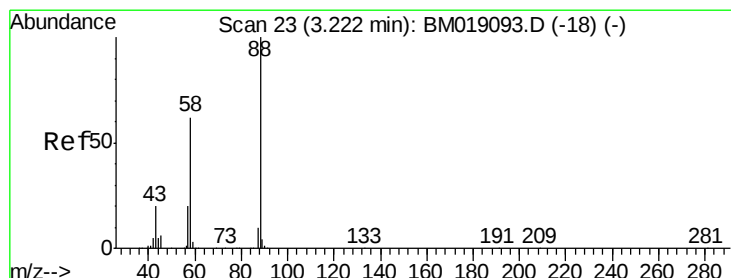
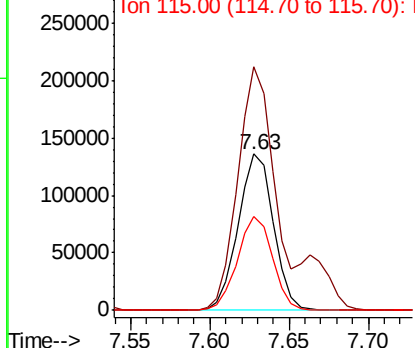
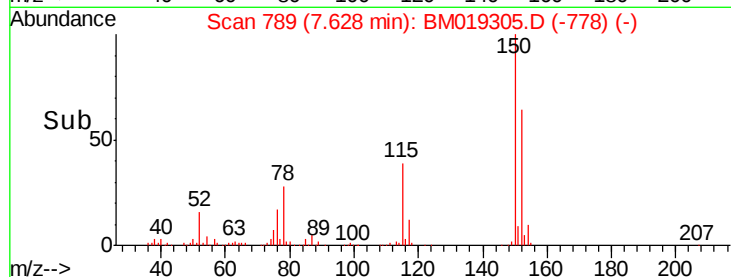
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.04 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

Instrument :
BNA_M
ClientSampleId :
S-1(2-10)-COMPMSSD

Tgt Ion:152 Resp: 209232
Ion Ratio Lower Upper
152 100
150 155.8 125.3 187.9
115 60.4 49.4 74.0



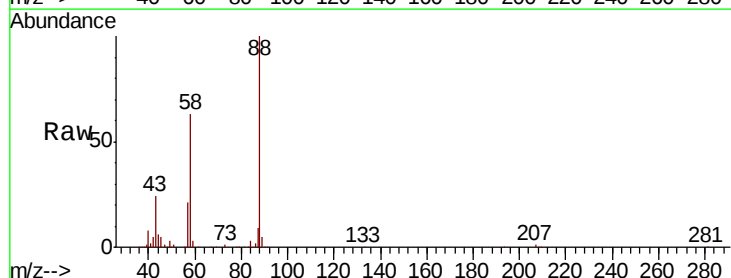
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



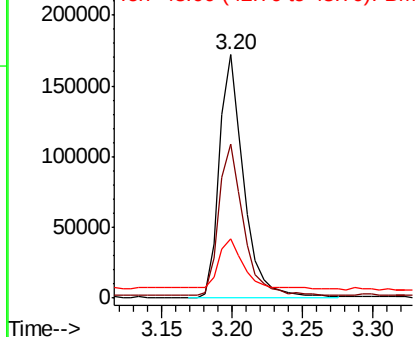
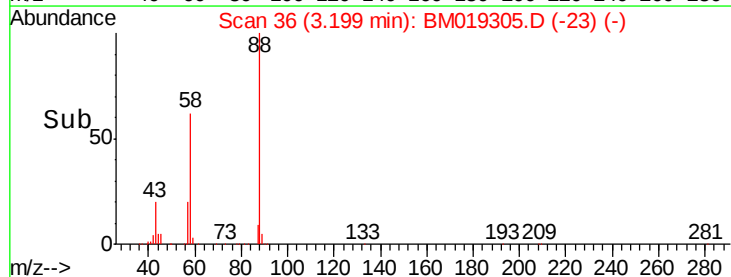
#2

1,4-Dioxane
Concen: 35.641 ng
RT: 3.20 min Scan# 36
Delta R.T. -0.02 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

Tgt Ion: 88 Resp: 204844
Ion Ratio Lower Upper
88 100
58 62.2 50.0 75.0
43 21.5 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

Pyridine

Concen: 37.267 ng

RT: 3.59 min Scan# 103

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

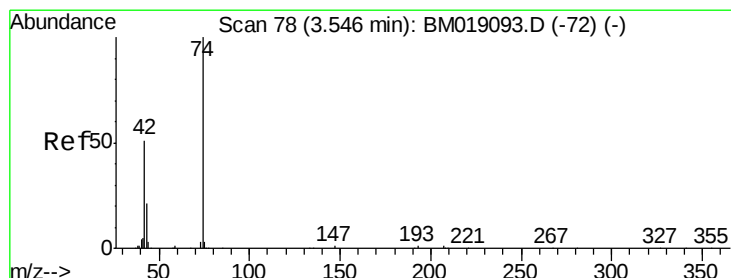
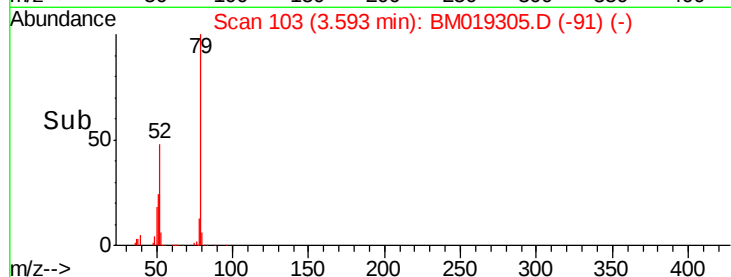
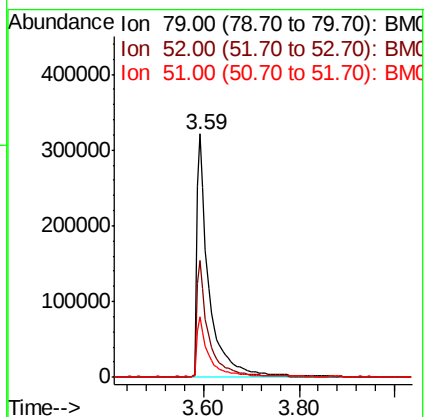
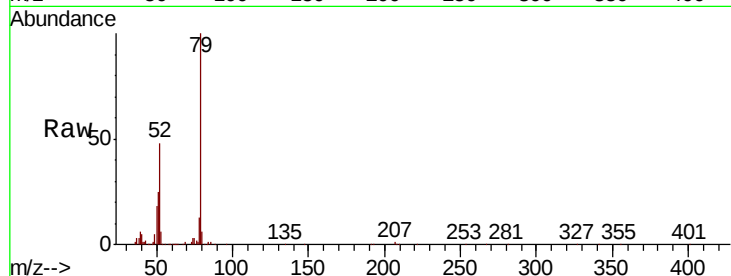
Tgt Ion: 79 Resp: 582721

Ion Ratio Lower Upper

79 100

52 48.0 37.5 56.3

51 24.6 19.2 28.8



#4

n-Nitrosodimethylamine

Concen: 42.211 ng

RT: 3.52 min Scan# 90

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

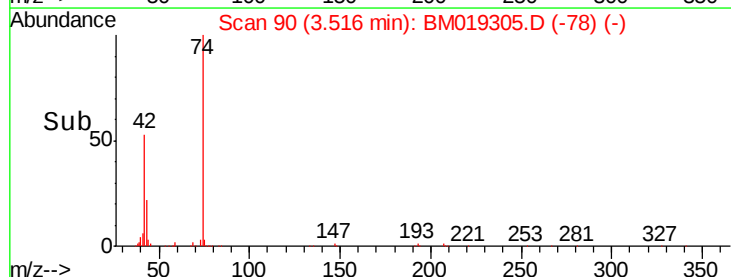
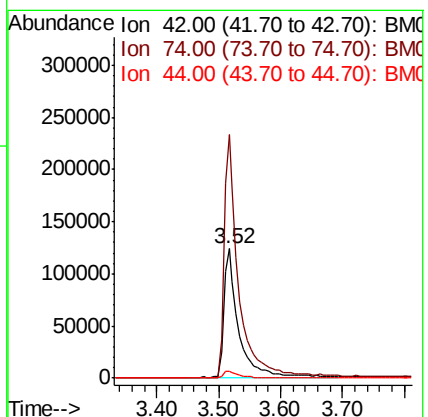
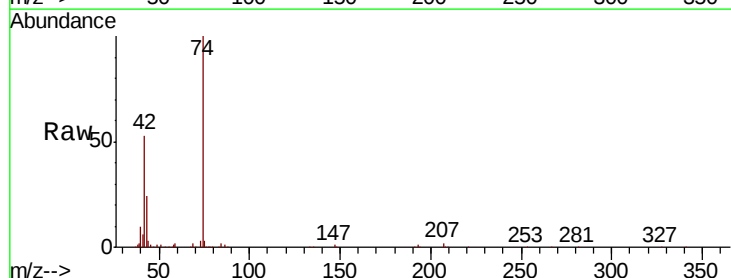
Tgt Ion: 42 Resp: 205193

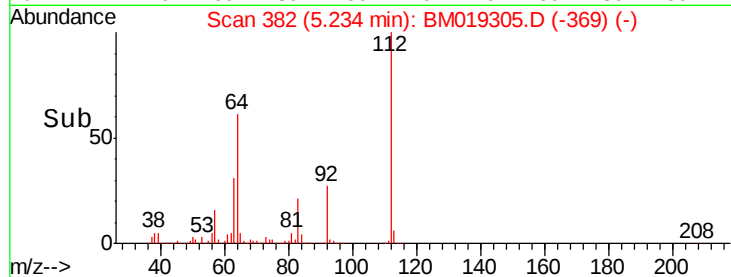
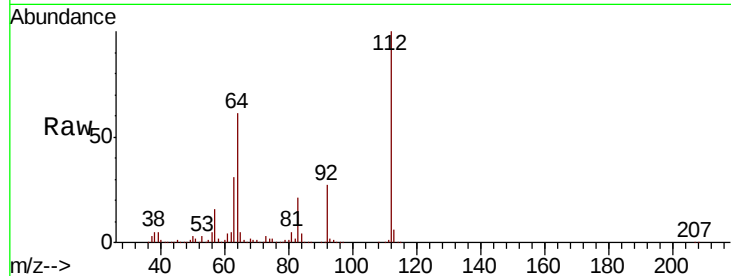
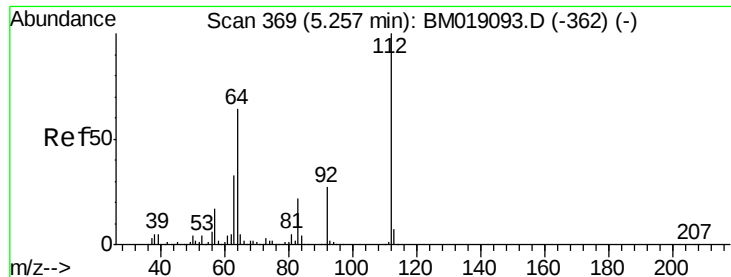
Ion Ratio Lower Upper

42 100

74 188.6 156.3 234.5

44 5.5 4.6 7.0





#5

2-Fluorophenol

Concen: 151.508 ng

RT: 5.23 min Scan# 382

Delta R.T. -0.02 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

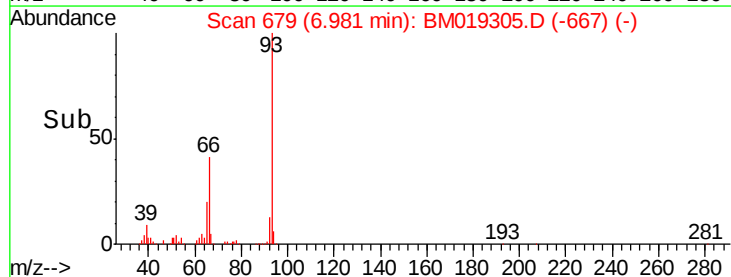
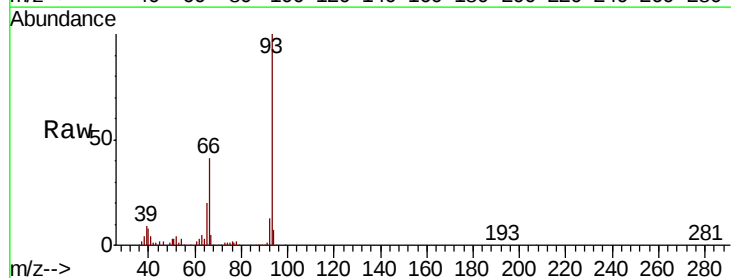
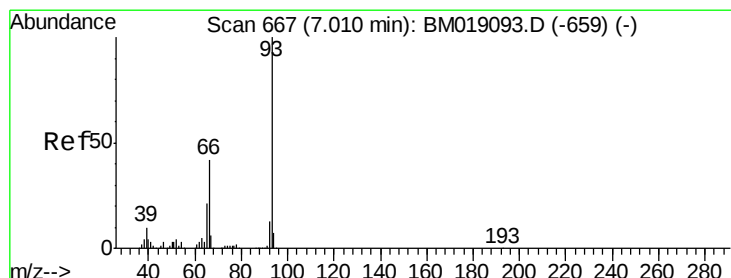
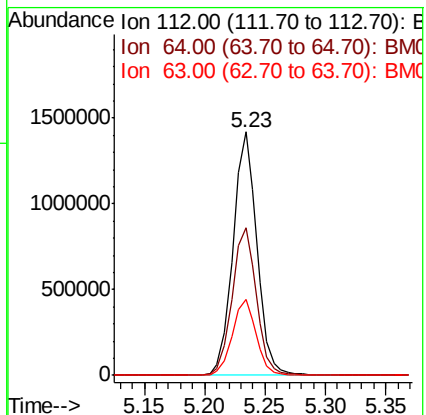
Tgt Ion:112 Resp: 1957442

Ion Ratio Lower Upper

112 100

64 60.7 51.4 77.0

63 31.0 26.6 40.0



#6

Aniline

Concen: 18.260 ng

RT: 6.98 min Scan# 679

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

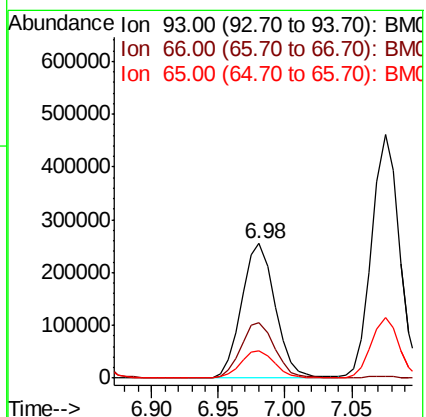
Tgt Ion: 93 Resp: 445522

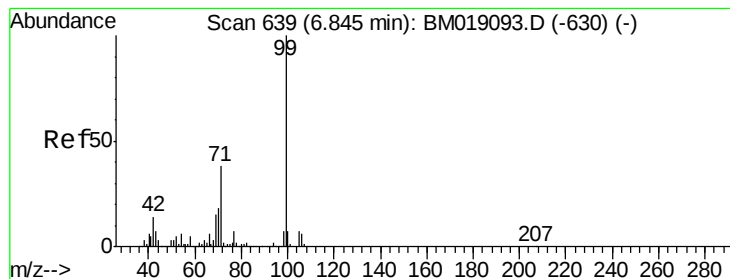
Ion Ratio Lower Upper

93 100

66 40.9 33.4 50.2

65 20.4 16.8 25.2





#7

Phenol-d6

Concen: 147.678 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

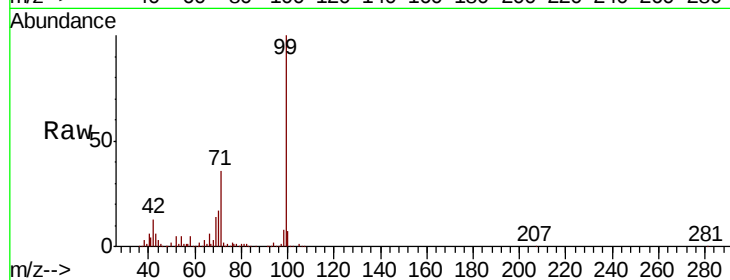
Tgt Ion: 99 Resp: 2790785

Ion Ratio Lower Upper

99 100

42 12.9 10.9 16.3

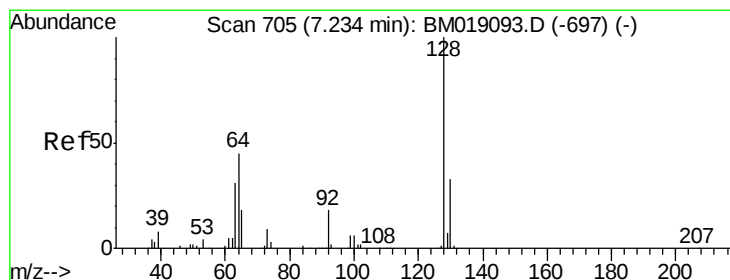
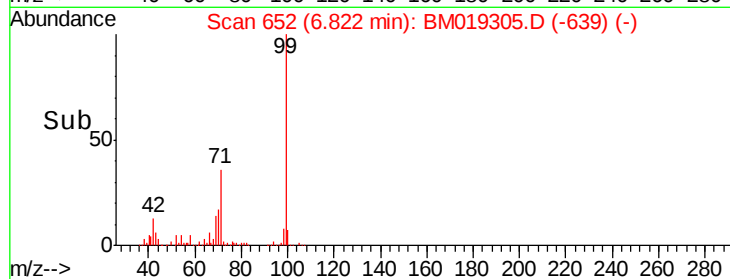
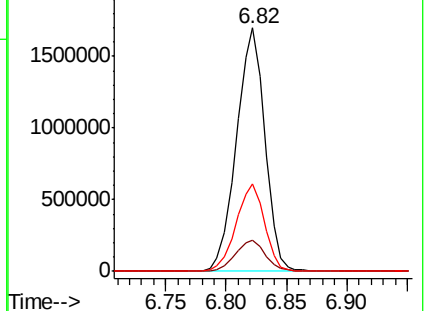
71 35.8 30.3 45.5



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

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

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



#8

2-Chlorophenol

Concen: 46.735 ng

RT: 7.20 min Scan# 716

Delta R.T. -0.04 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

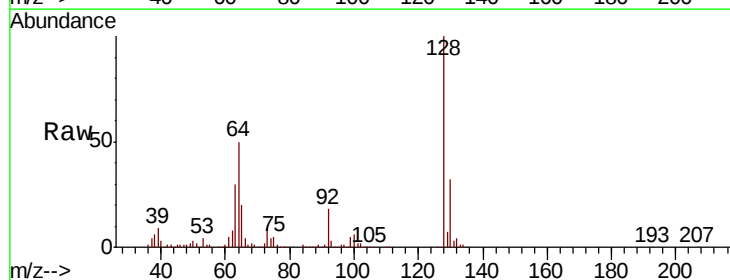
Tgt Ion: 128 Resp: 725594

Ion Ratio Lower Upper

128 100

130 31.8 12.8 52.8

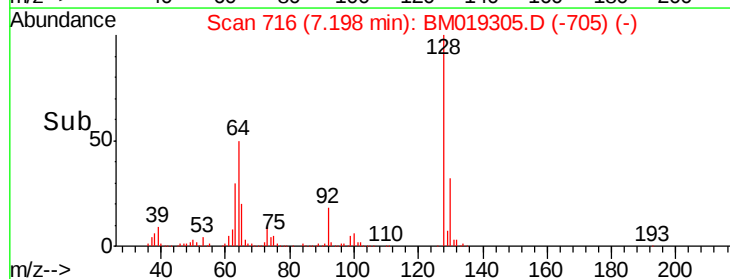
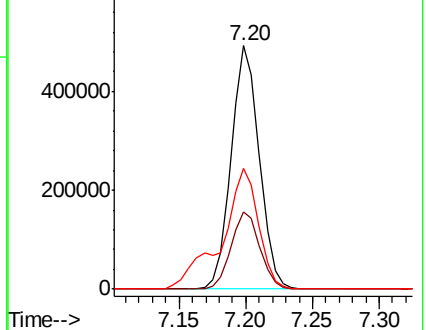
64 49.8 30.8 70.8



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: 17.271 ng

RT: 6.79 min Scan# 647

Delta R.T. -0.04 min

Lab File: BM019305.D

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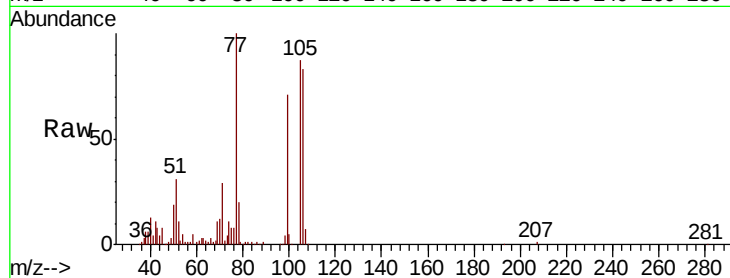
Tgt Ion: 77 Resp: 205296

Ion Ratio Lower Upper

77 100

105 87.4 67.7 107.7

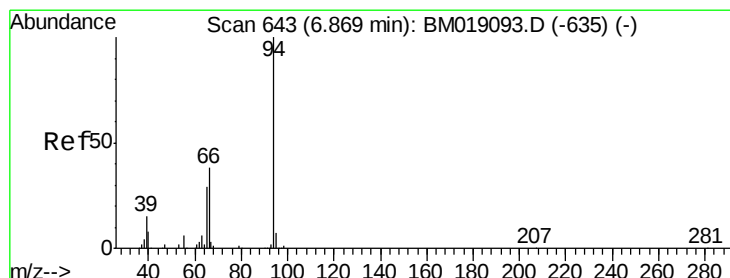
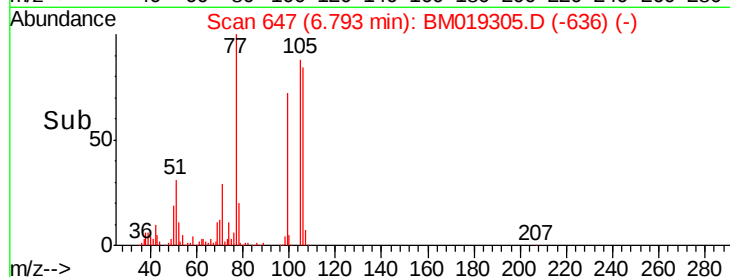
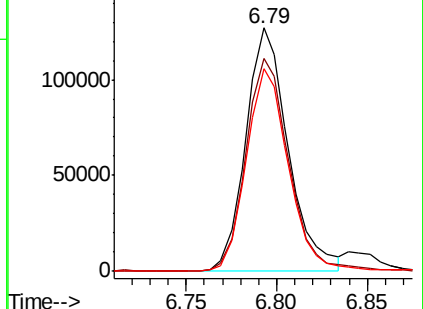
106 83.2 64.1 104.1



Abundance Ion 77.00 (76.70 to 77.70): BM019305.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM019305.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM019305.D (-636) (-)



#10

Phenol

Concen: 56.212 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

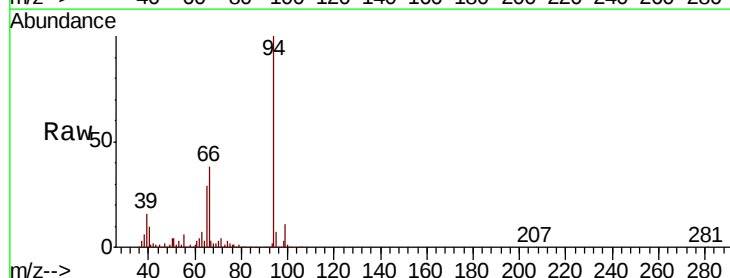
Tgt Ion: 94 Resp: 1144849

Ion Ratio Lower Upper

94 100

65 28.6 9.7 49.7

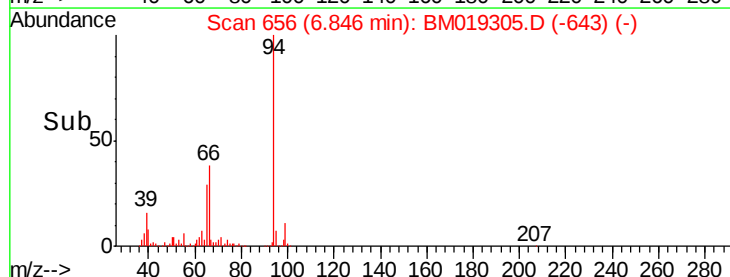
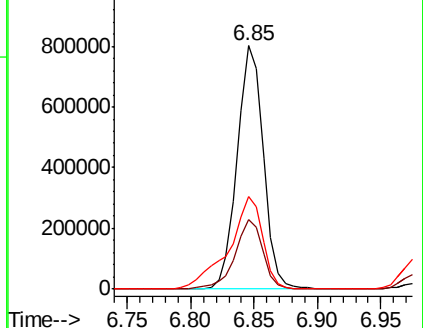
66 37.9 19.2 59.2

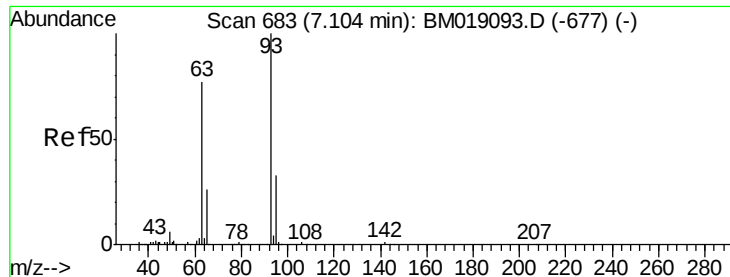


Abundance Ion 94.00 (93.70 to 94.70): BM019305.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM019305.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM019305.D (-643) (-)

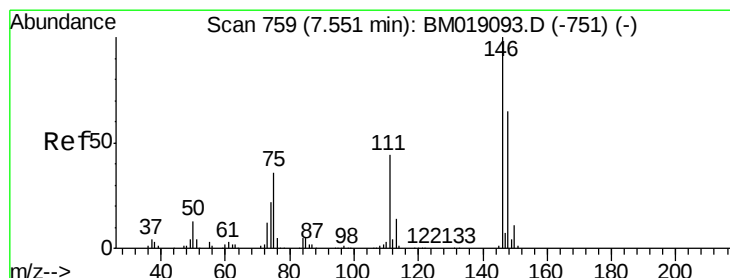
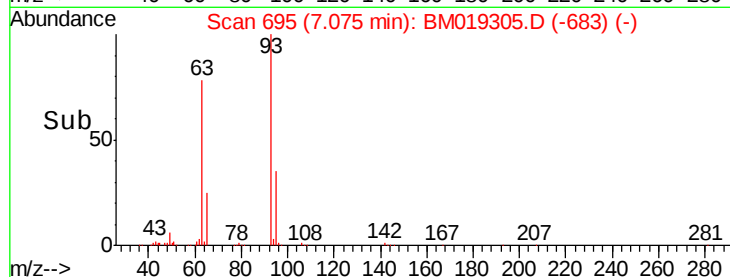
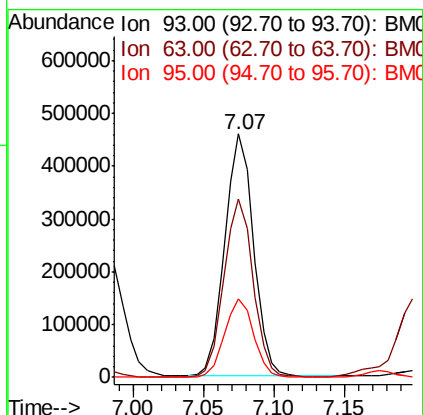
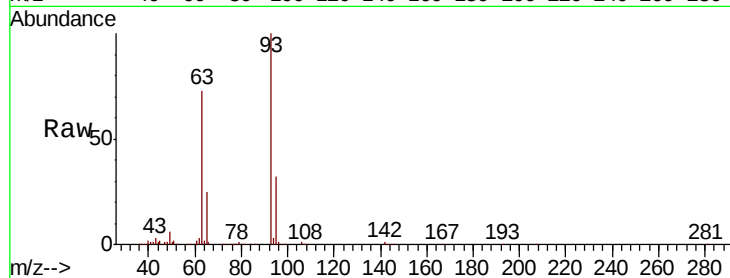




#11
bis(2-Chloroethyl)ether
Concen: 41.805 ng
RT: 7.07 min Scan# 695
Delta R.T. -0.03 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

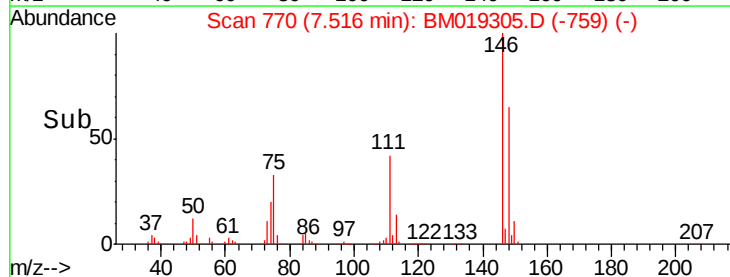
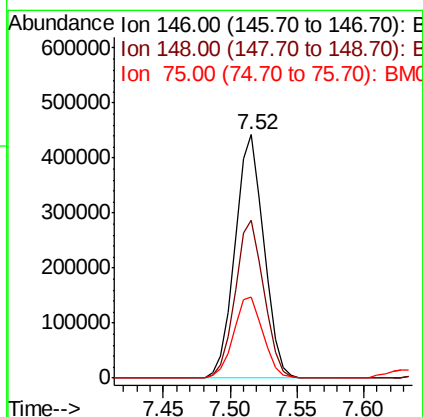
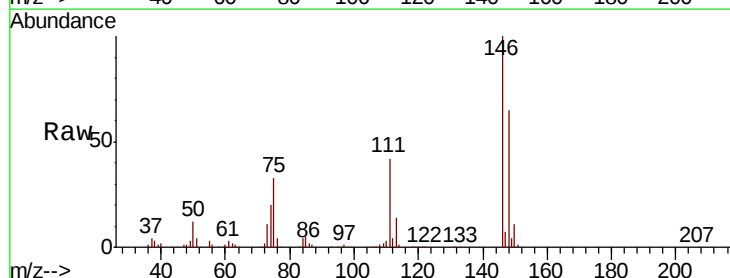
Instrument :
BNA_M
ClientSampleId :
S-1(2-10)-COMPMSD

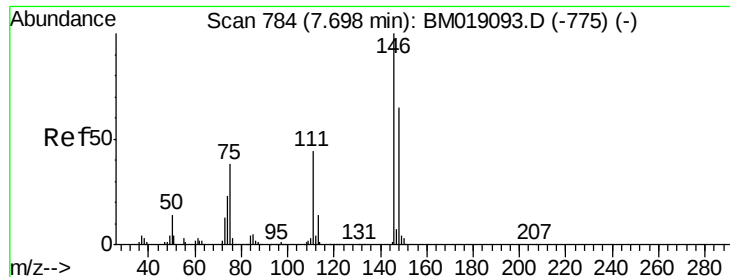
Tgt Ion: 93 Resp: 649690
Ion Ratio Lower Upper
93 100
63 73.3 56.6 96.6
95 32.3 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 40.300 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.04 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

Tgt Ion: 146 Resp: 662130
Ion Ratio Lower Upper
146 100
148 65.1 51.7 77.5
75 33.2 29.1 43.7

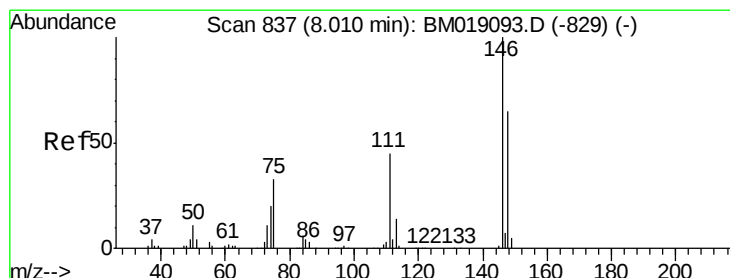
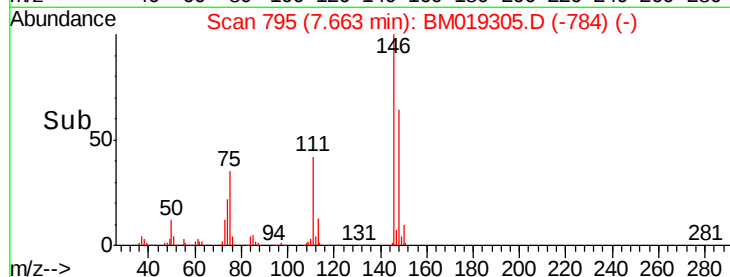
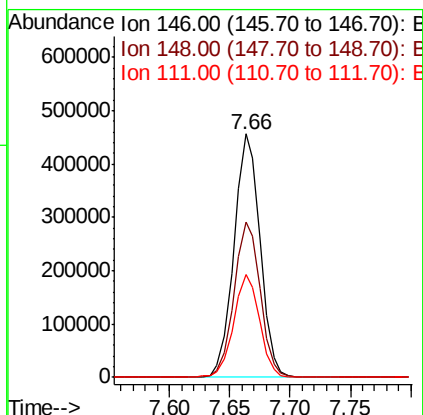
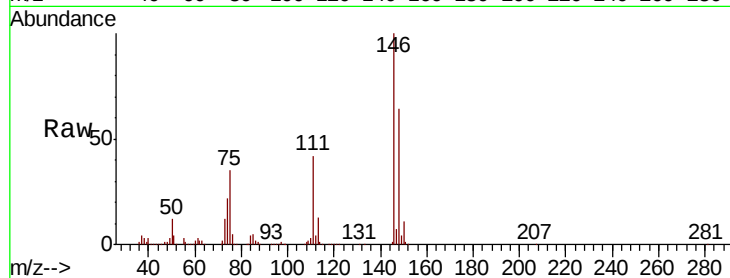




#13
 1,4-Dichlorobenzene
 Concen: 41.117 ng
 RT: 7.66 min Scan# 795
 Delta R.T. -0.04 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

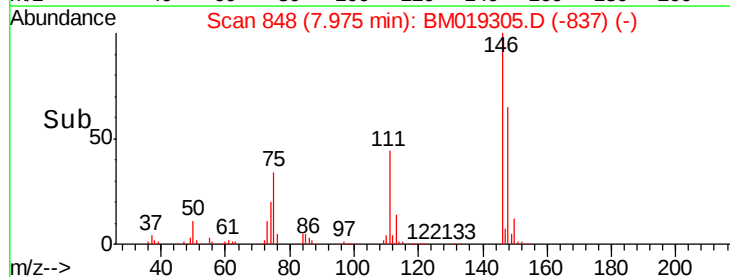
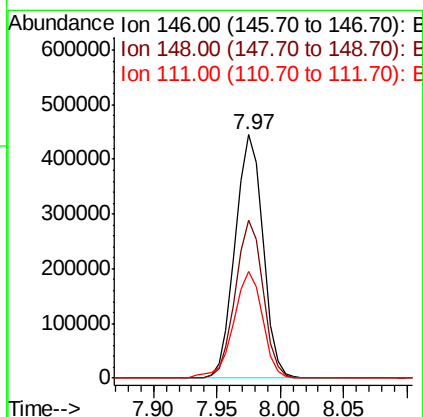
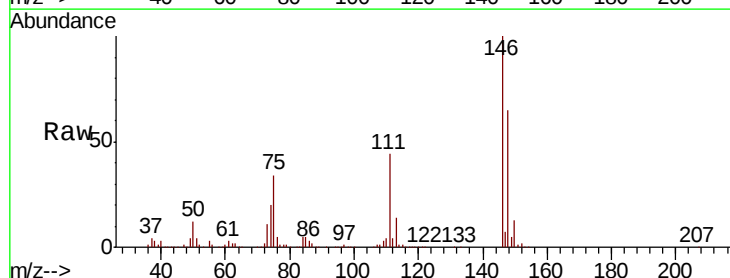
Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMPMSD

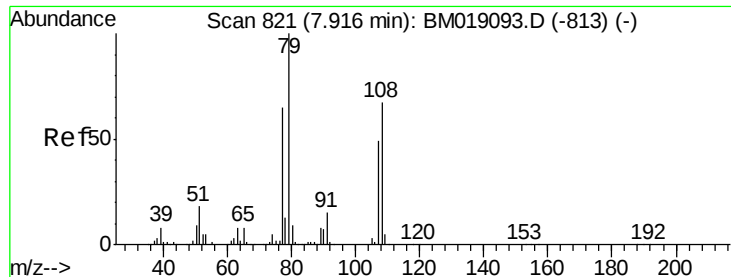
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
111	42.0	35.4	53.0



#14
 1,2-Dichlorobenzene
 Concen: 41.472 ng
 RT: 7.97 min Scan# 848
 Delta R.T. -0.04 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.6
111	44.0	36.2	54.4





#15

Benzyl Alcohol

Concen: 42.327 ng

RT: 7.89 min Scan# 833

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

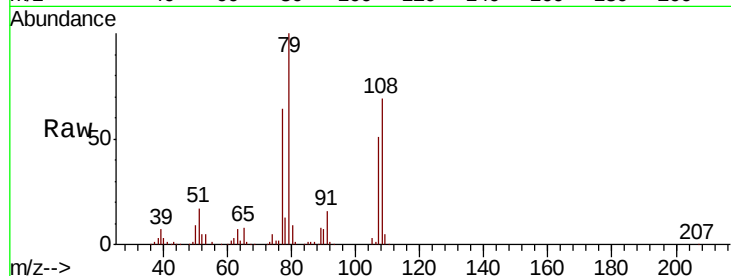
Tgt Ion: 79 Resp: 662012

Ion Ratio Lower Upper

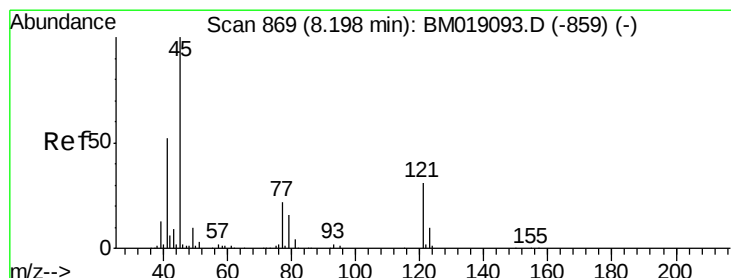
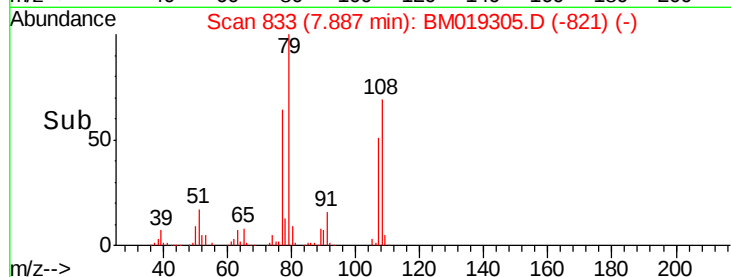
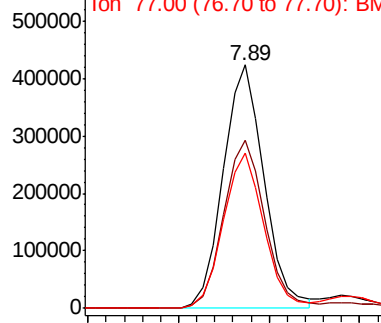
79 100

108 68.8 53.7 80.5

77 63.9 51.8 77.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.231 ng

RT: 8.16 min Scan# 880

Delta R.T. -0.04 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

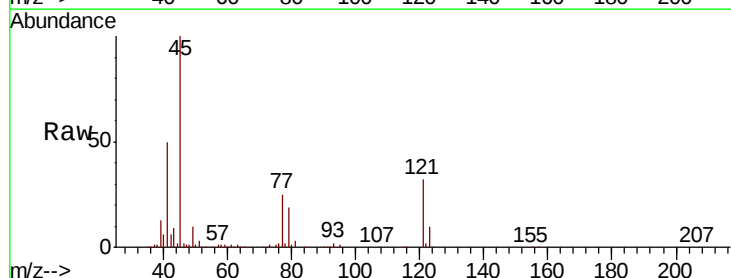
Tgt Ion: 45 Resp: 606661

Ion Ratio Lower Upper

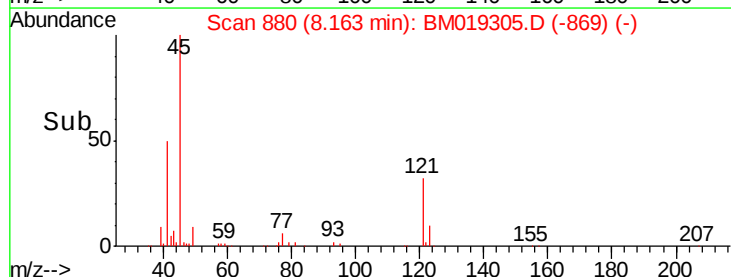
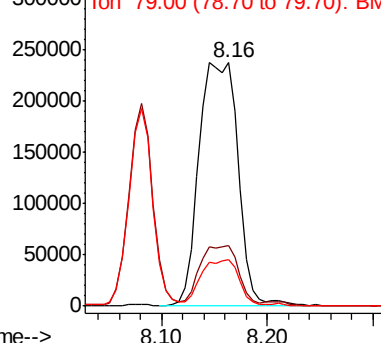
45 100

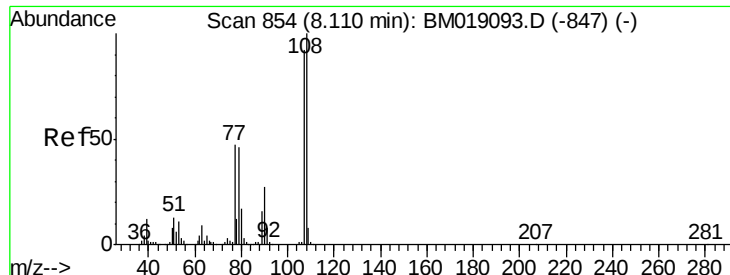
77 24.8 4.1 44.1

79 19.3 0.0 38.1



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

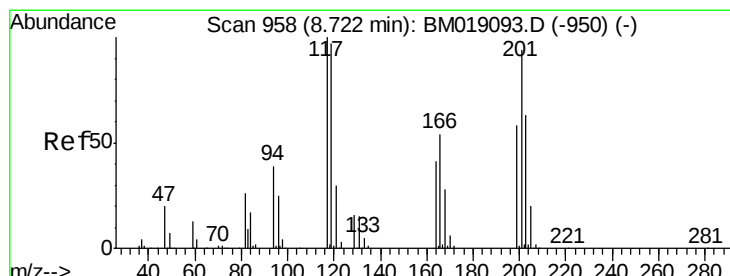
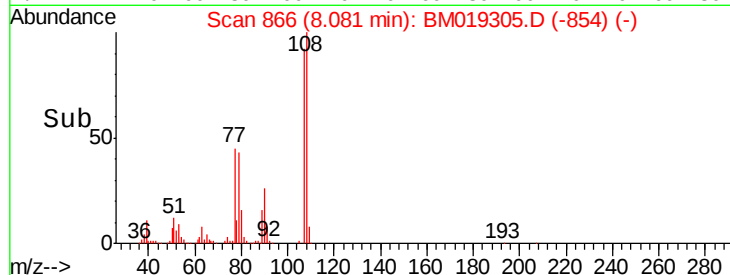
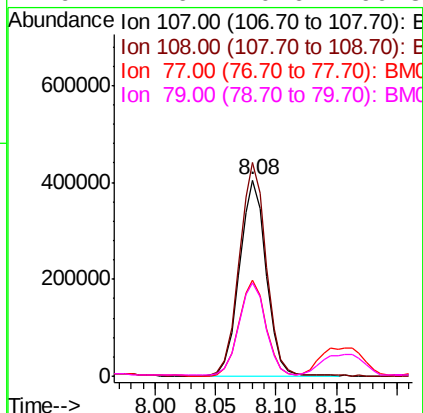
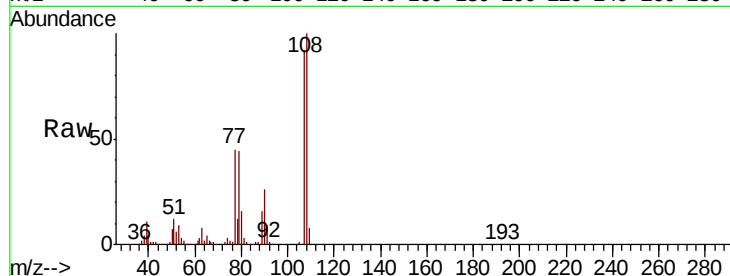




#17
2-Methylphenol
Concen: 47.019 ng
RT: 8.08 min Scan# 866
Delta R.T. -0.03 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

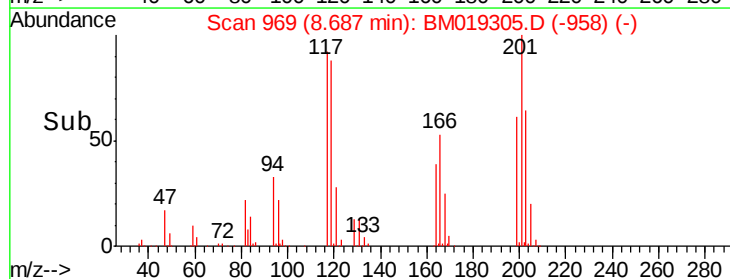
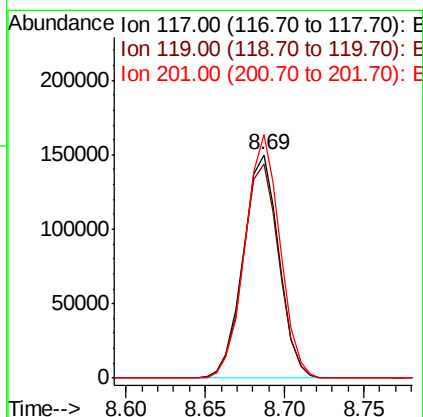
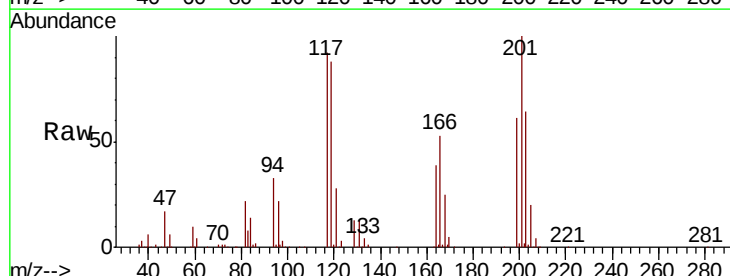
Instrument :
BNA_M
ClientSampleId :
S-1(2-10)-COMPMSSD

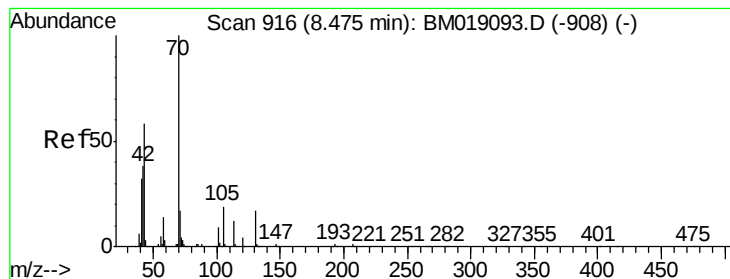
Tgt Ion:	107	Resp:	624026
Ion	Ratio	Lower	Upper
107	100		
108	108.9	87.4	131.2
77	48.9	41.6	62.4
79	47.6	40.6	60.8



#18
Hexachloroethane
Concen: 37.719 ng
RT: 8.69 min Scan# 969
Delta R.T. -0.04 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

Tgt Ion:	117	Resp:	234778
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.2
201	108.8	75.2	112.8





#19

n-Nitroso-di-n-propylamine

Concen: 38.244 ng

RT: 8.45 min Scan# 928

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

Tgt Ion: 70 Resp: 592923

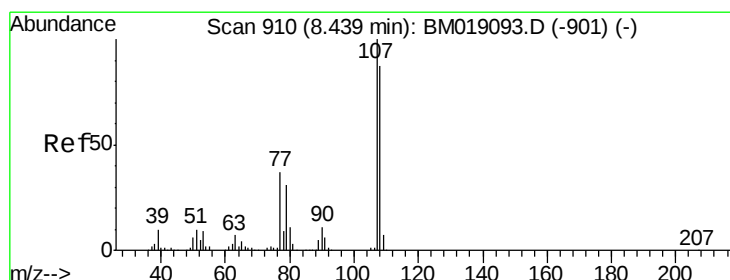
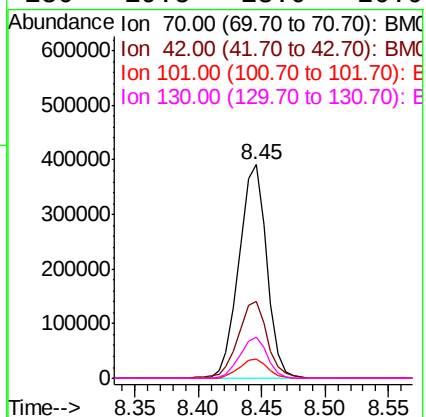
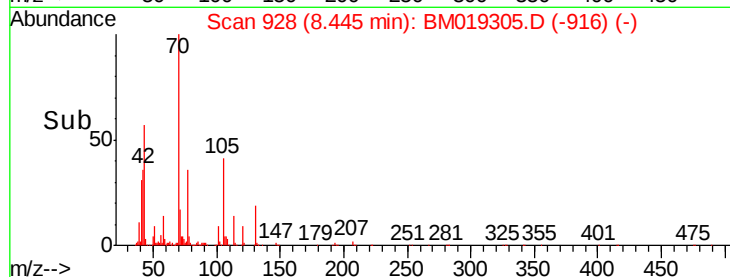
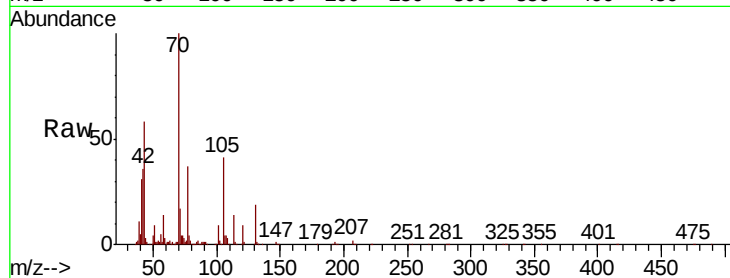
Ion Ratio Lower Upper

70 100

42 36.2 30.6 45.8

101 8.9 6.8 10.2

130 19.5 13.9 20.9



#20

3+4-Methylphenols

Concen: 45.347 ng

RT: 8.41 min Scan# 922

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Tgt Ion: 107 Resp: 816917

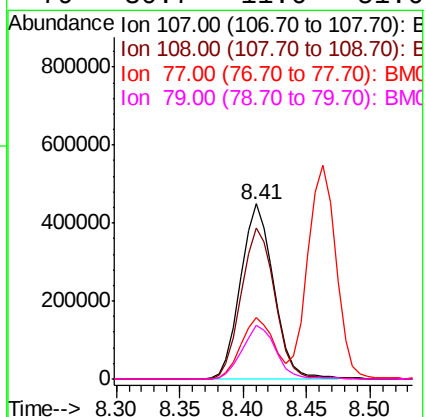
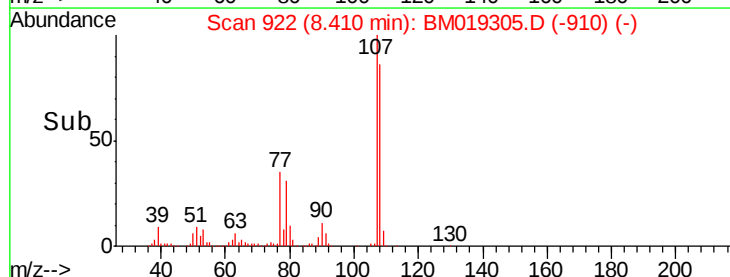
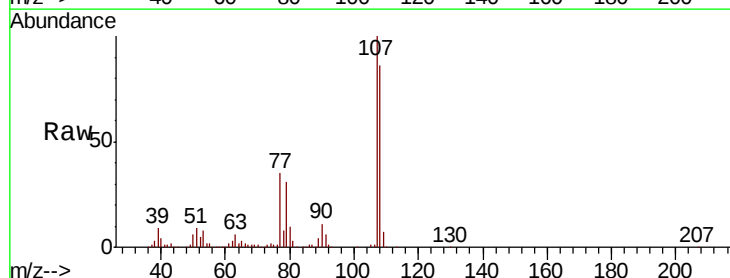
Ion Ratio Lower Upper

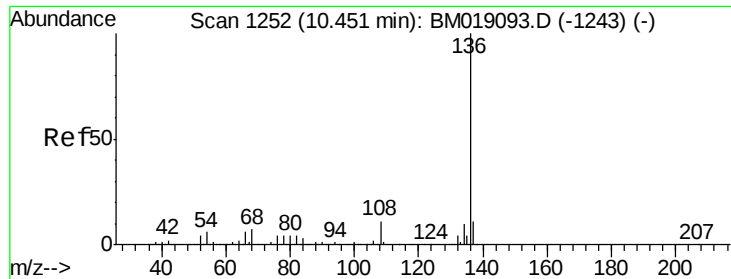
107 100

108 86.0 67.0 107.0

77 35.3 17.3 57.3

79 30.7 11.6 51.6

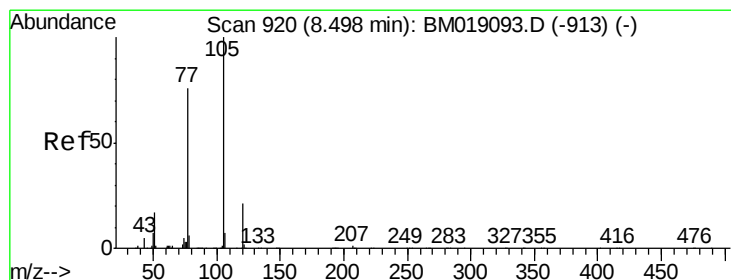
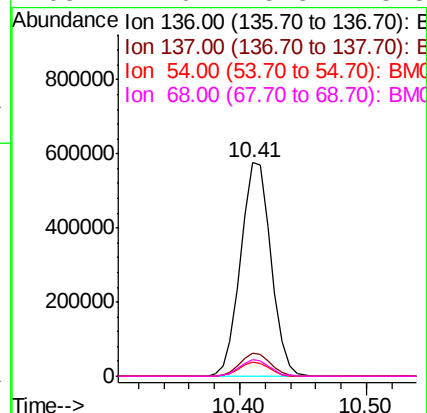
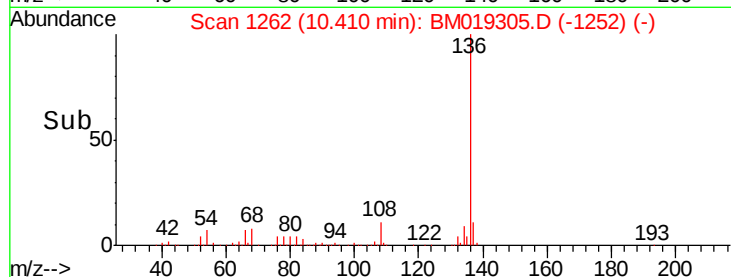
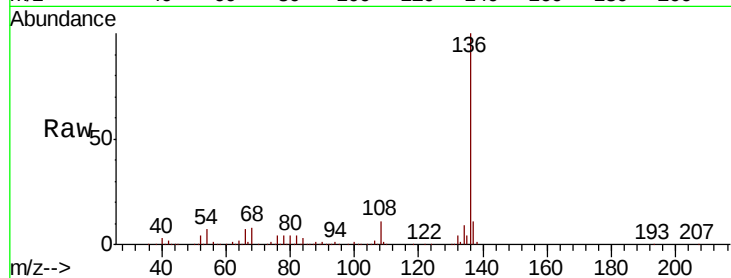




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

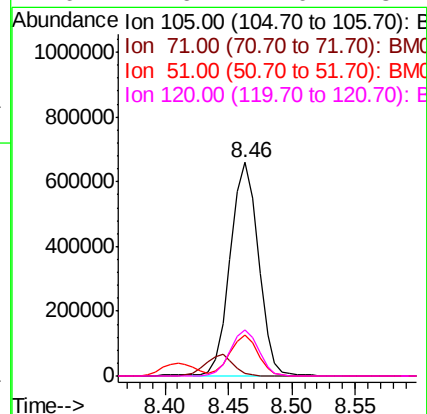
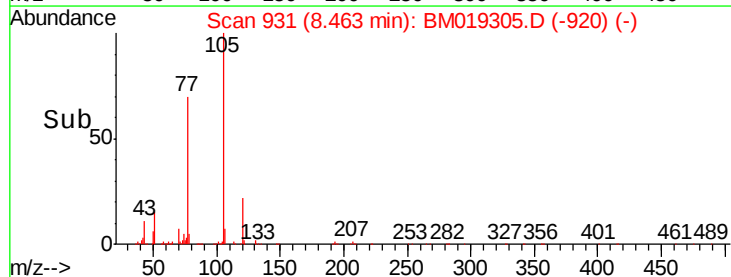
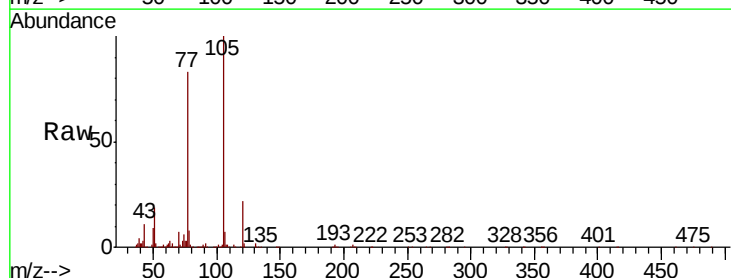
Instrument :
BNA_M
ClientSampleId :
S-1(2-10)-COMPMSSD

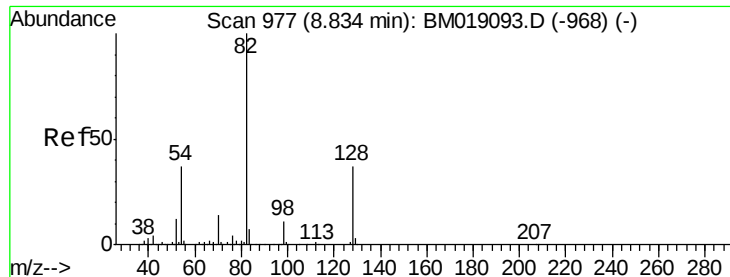
Tgt Ion:	136	Resp:	954774
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.9	5.2	7.8
68	7.9	5.8	8.8



#22
Acetophenone
Concen: 38.337 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.04 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

Tgt Ion:	105	Resp:	1011559
Ion	Ratio	Lower	Upper
105	100		
71	1.2	0.8	1.2#
51	19.1	15.8	23.6
120	21.6	17.0	25.4





#23

Nitrobenzene-d5

Concen: 83.822 ng

RT: 8.80 min Scan# 988

Delta R.T. -0.04 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

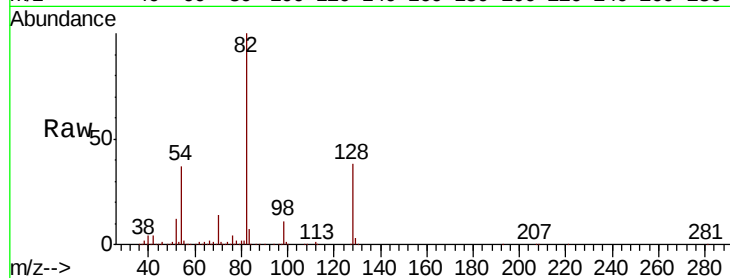
Tgt Ion: 82 Resp: 1693067

Ion Ratio Lower Upper

82 100

128 38.2 29.4 44.2

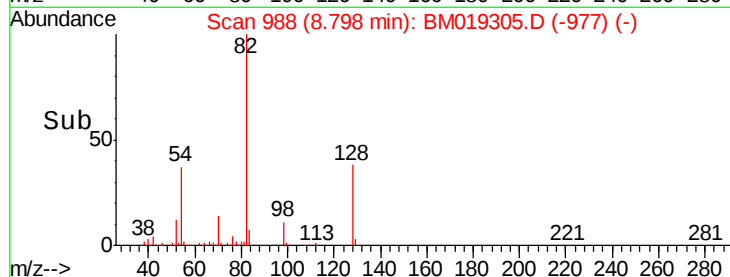
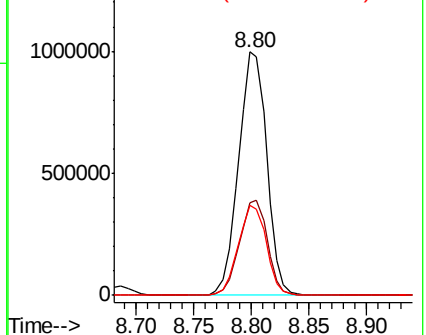
54 36.8 29.9 44.9



Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)

Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)



#24

Nitrobenzene

Concen: 41.895 ng

RT: 8.85 min Scan# 996

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

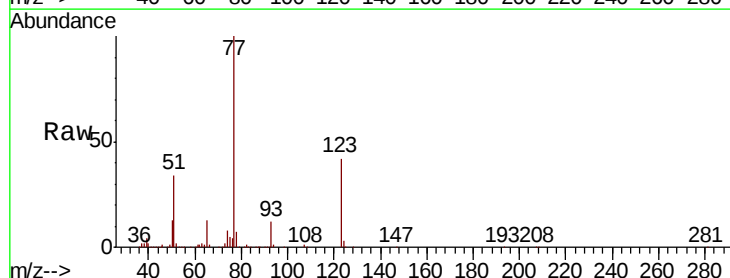
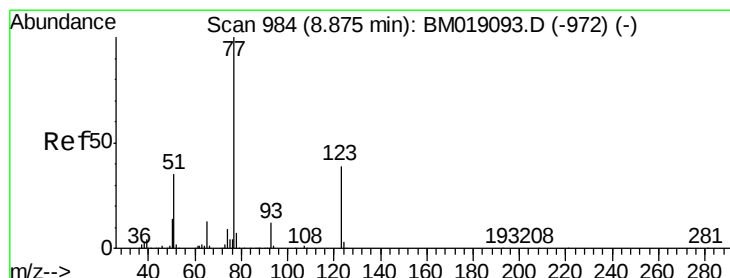
Tgt Ion: 77 Resp: 880065

Ion Ratio Lower Upper

77 100

123 42.2 31.3 46.9

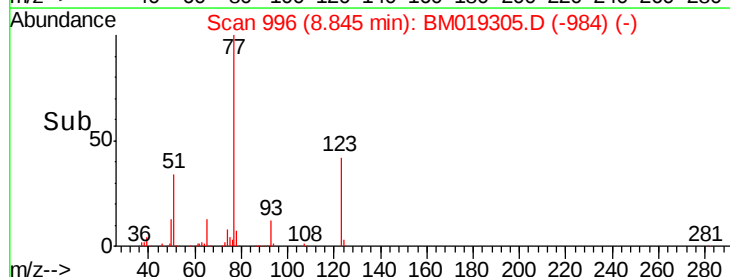
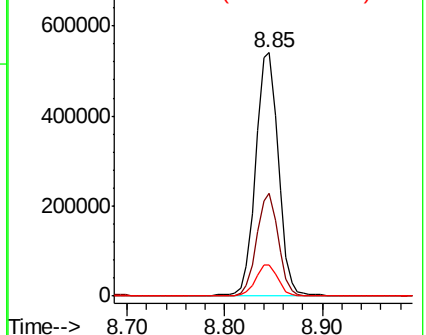
65 12.7 10.5 15.7

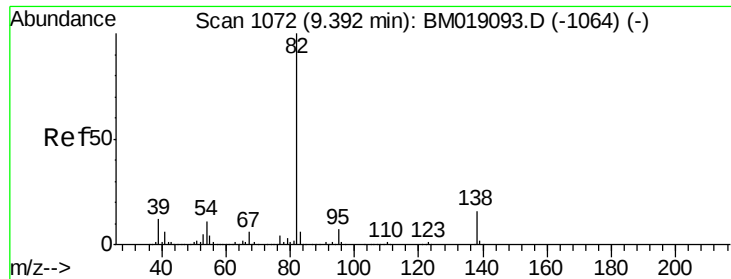


Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-972) (-)

Ion 123.00 (122.70 to 123.70): BM019093.D (-972) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-972) (-)





#25

Isophorone

Concen: 43.130 ng

RT: 9.36 min Scan# 1083

Delta R.T. -0.04 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

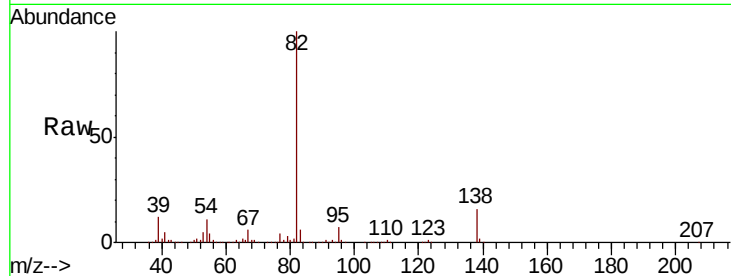
Tgt Ion: 82 Resp: 1662290

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

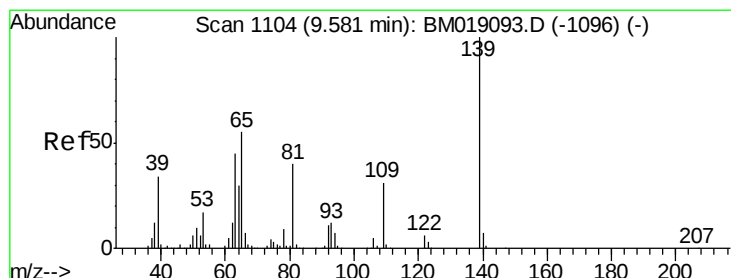
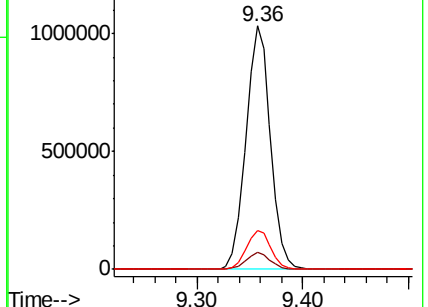
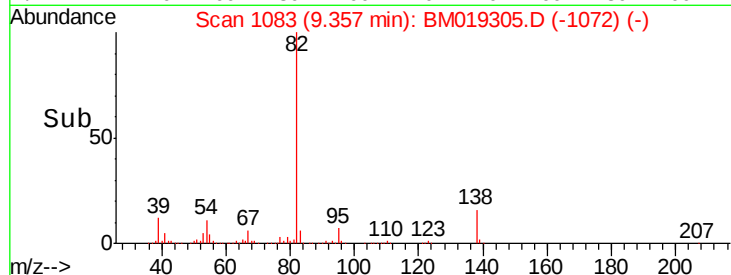
138 16.0 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM019093.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM019093.D (-1064) (-)



#26

2-Nitrophenol

Concen: 45.963 ng

RT: 9.54 min Scan# 1114

Delta R.T. -0.04 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

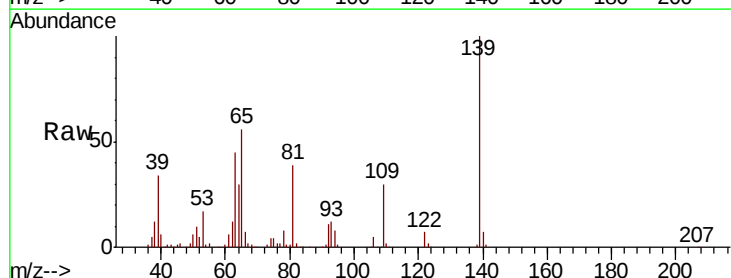
Tgt Ion: 139 Resp: 400220

Ion Ratio Lower Upper

139 100

109 30.2 24.5 36.7

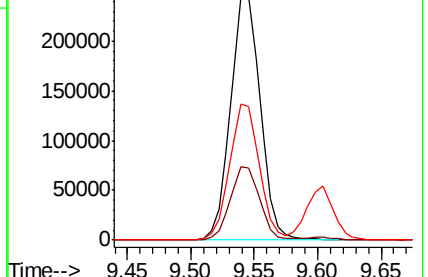
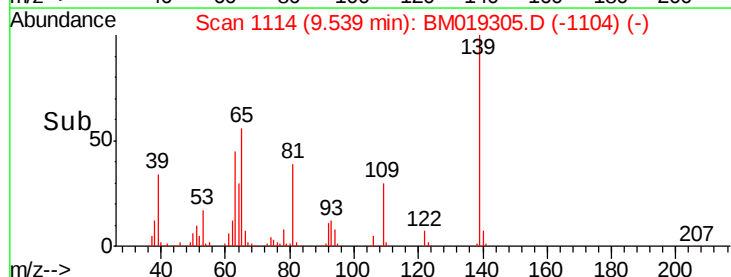
65 55.9 44.4 66.6

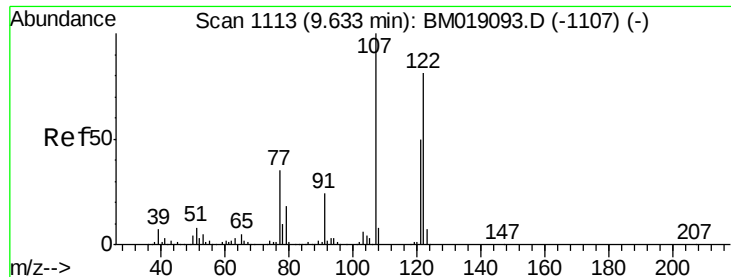


Abundance Ion 139.00 (138.70 to 139.70): BM019093.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BM019093.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-1096) (-)

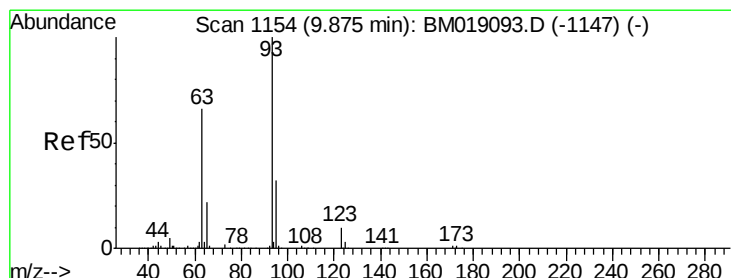
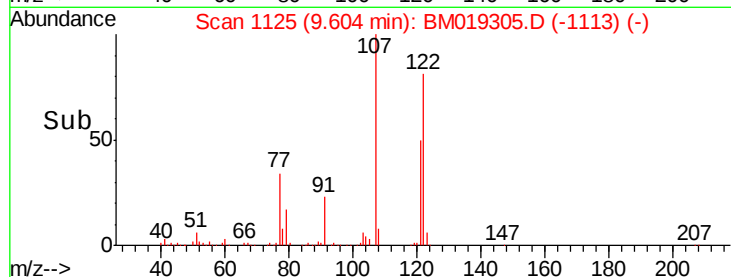
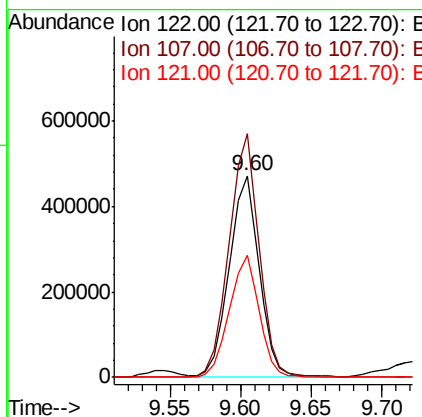
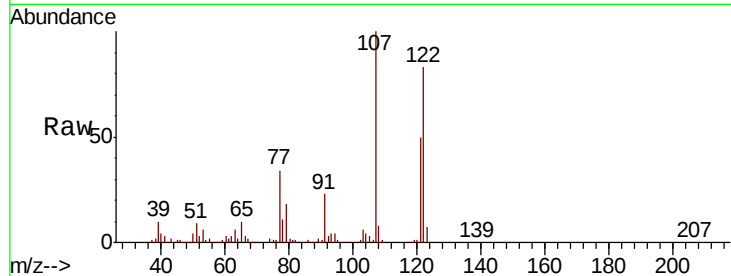




#27
2,4-Dimethylphenol
Concen: 53.706 ng
RT: 9.60 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

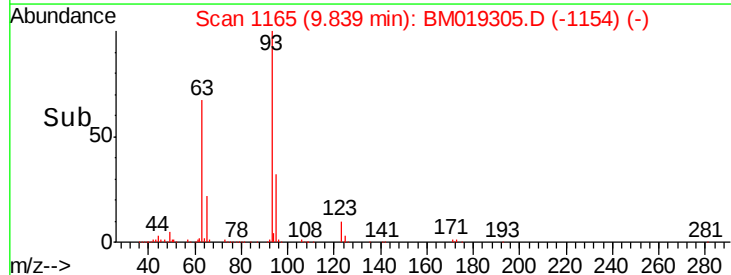
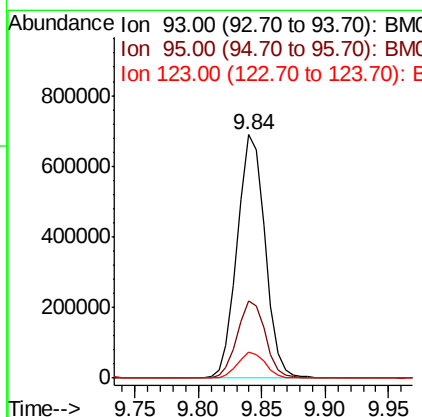
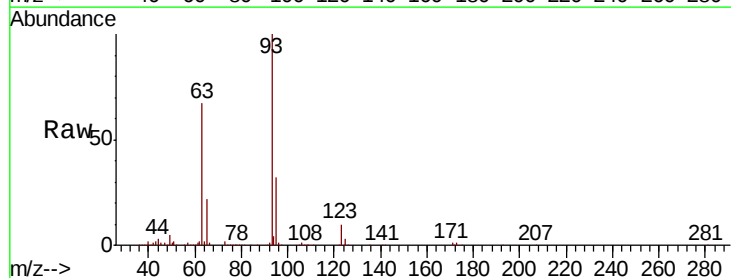
Instrument :
BNA_M
ClientSampleId :
S-1(2-10)-COMPMSSD

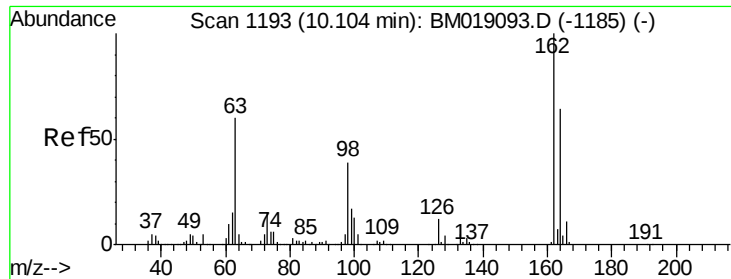
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.6	98.2	147.4
121	60.4	48.8	73.2



#28
bis(2-Chloroethoxy)methane
Concen: 46.095 ng
RT: 9.84 min Scan# 1165
Delta R.T. -0.04 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.8
123	10.5	7.9	11.9

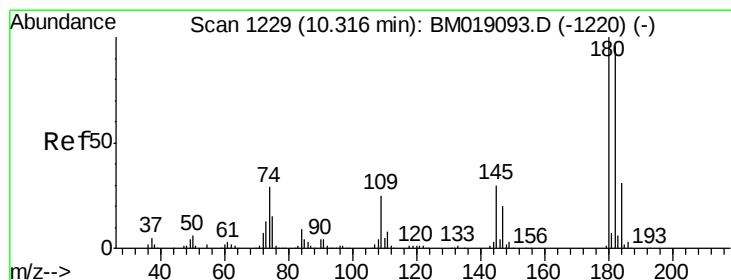
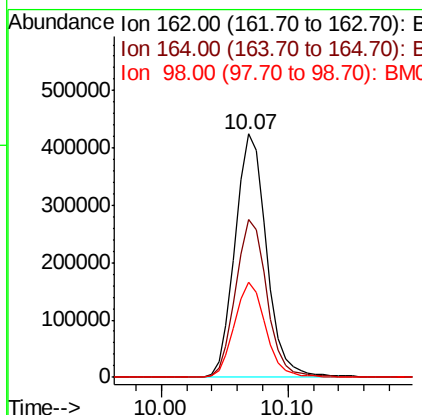
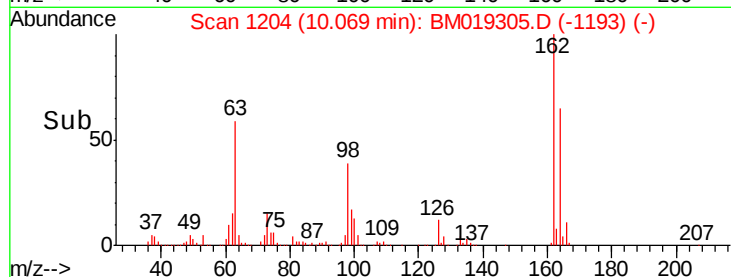
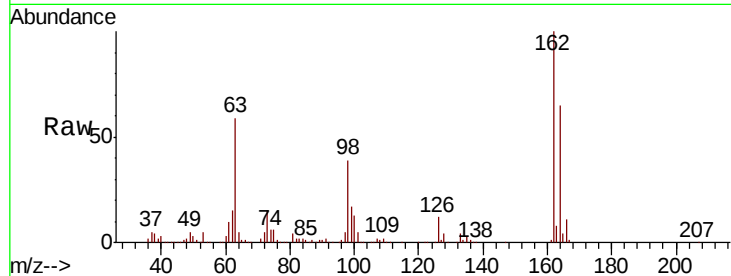




#29
 2,4-Dichlorophenol
 Concen: 50.976 ng
 RT: 10.07 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

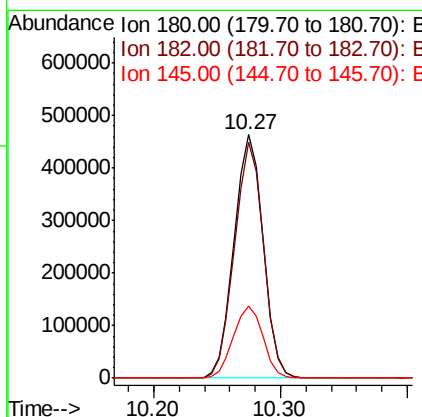
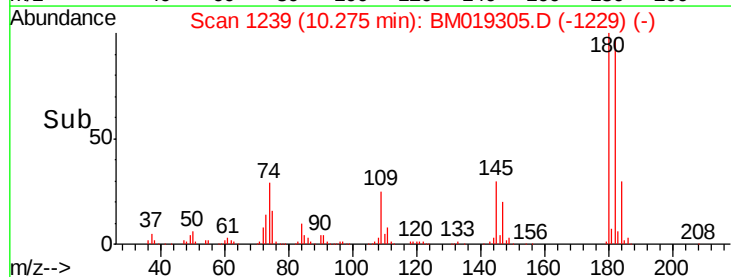
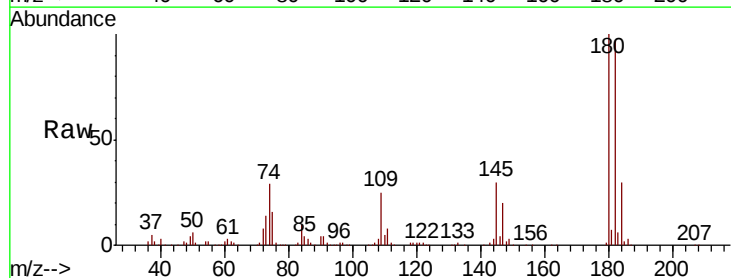
Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMPMSSD

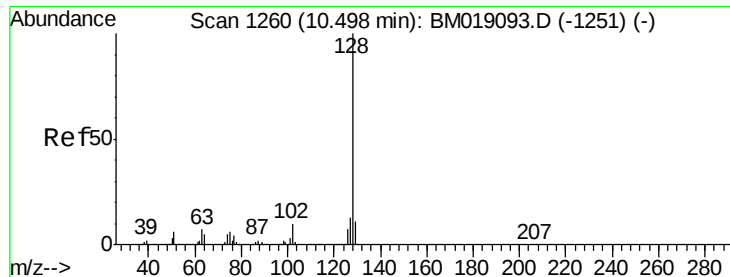
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.5	83.5
98	39.3	19.1	59.1



#30
 1,2,4-Trichlorobenzene
 Concen: 45.497 ng
 RT: 10.27 min Scan# 1239
 Delta R.T. -0.04 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.6	114.8
145	29.8	24.3	36.5

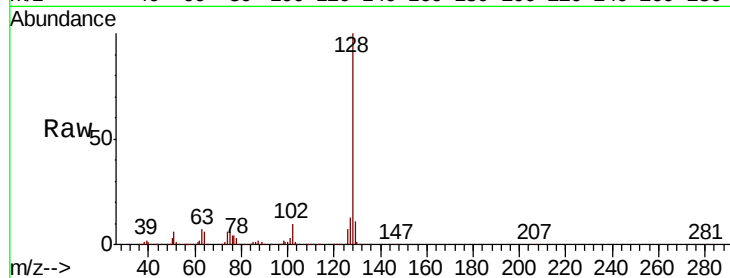




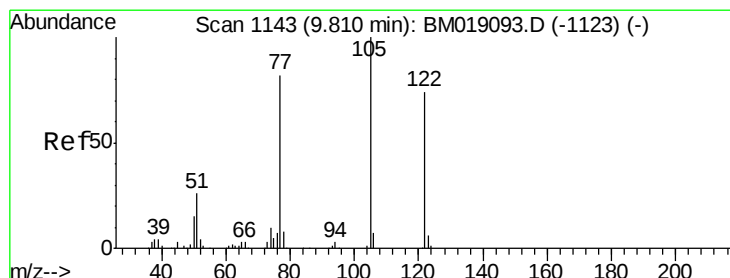
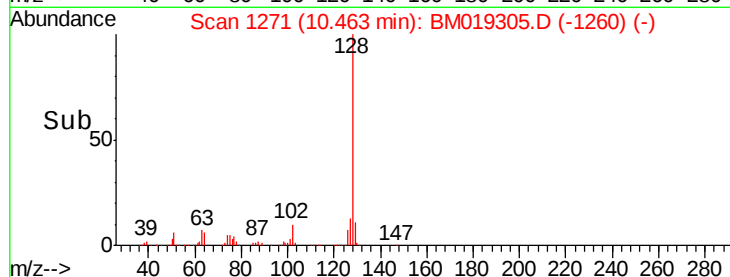
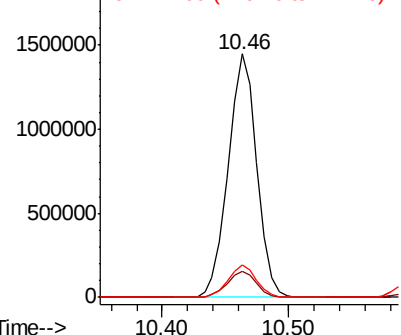
#31
Naphthalene
Concen: 44.821 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.04 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

Instrument :
BNA_M
ClientSampleId :
S-1(2-10)-COMPMSSD

Tgt Ion:128 Resp: 2255537
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.3 10.4 15.6

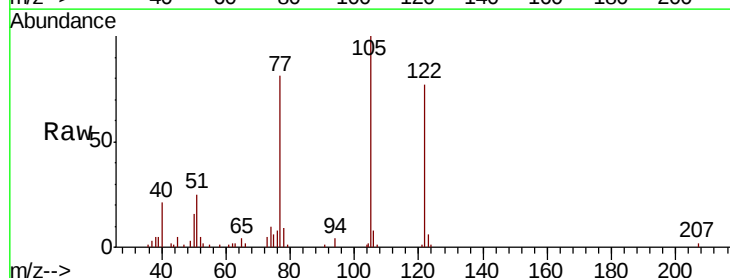


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

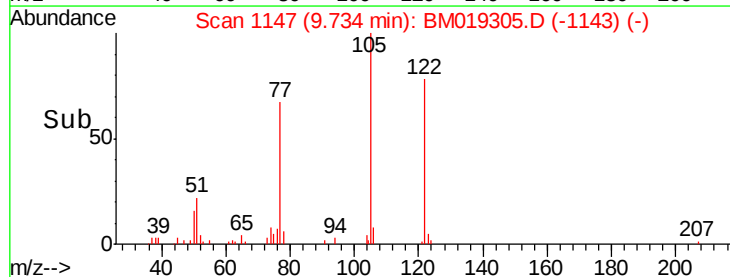
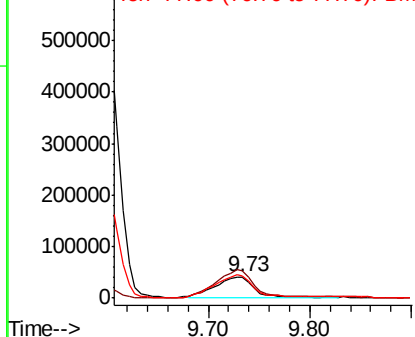


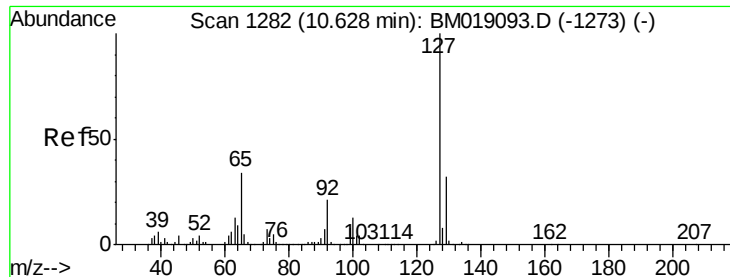
#32
Benzoic acid
Concen: 9.187 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.08 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

Tgt Ion:122 Resp: 100719
Ion Ratio Lower Upper
122 100
105 130.5 113.0 153.0
77 105.2 90.1 130.1



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

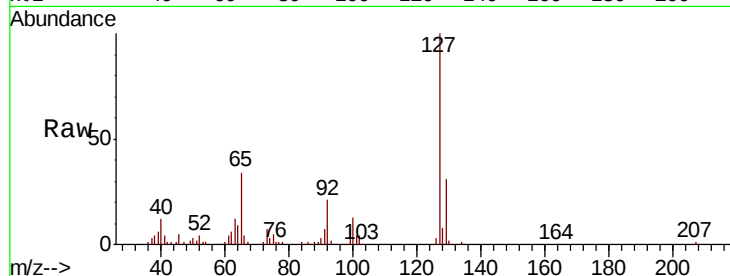




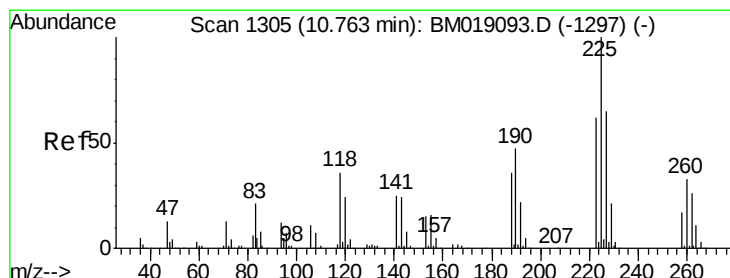
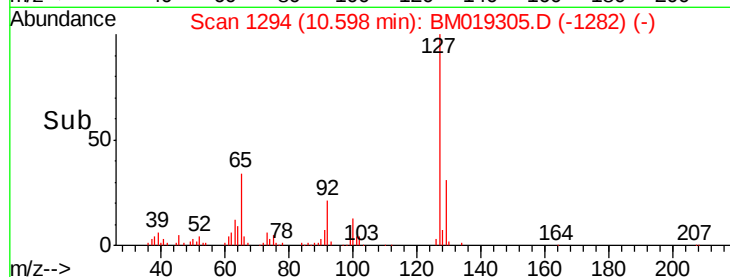
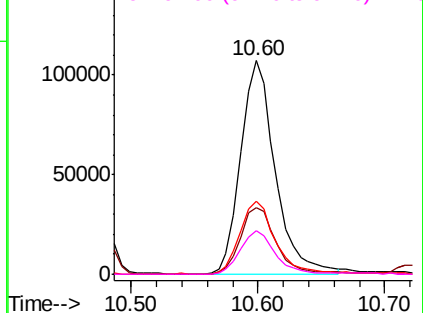
#33
4-Chloroaniline
Concen: 9.874 ng
RT: 10.60 min Scan# 1294
Delta R.T. -0.03 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

Instrument :
BNA_M
ClientSampleId :
S-1(2-10)-COMPMSD

Tgt Ion:	127	Resp:	203686
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.3	37.9
65	34.1	27.4	41.2
92	20.5	16.8	25.2

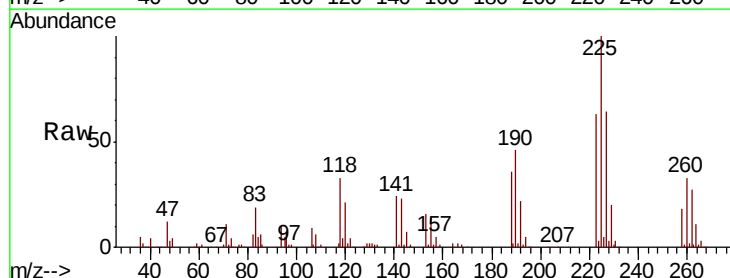


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

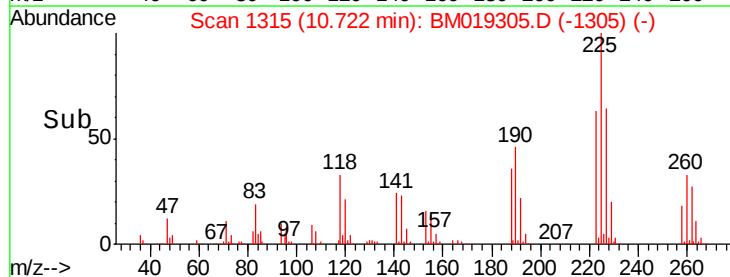
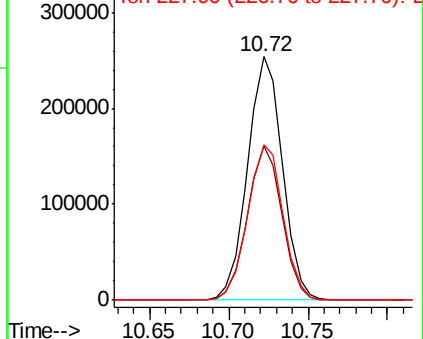


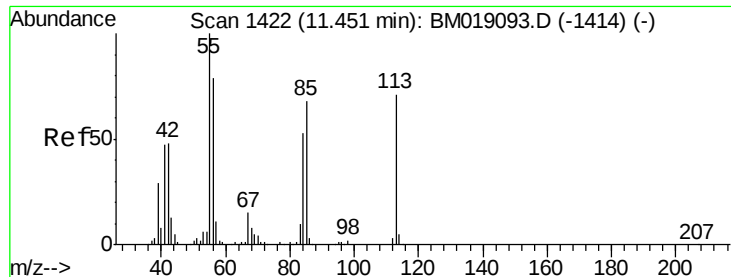
#34
Hexachlorobutadiene
Concen: 41.882 ng
RT: 10.72 min Scan# 1315
Delta R.T. -0.04 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

Tgt Ion:	225	Resp:	388536
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.0
227	63.5	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

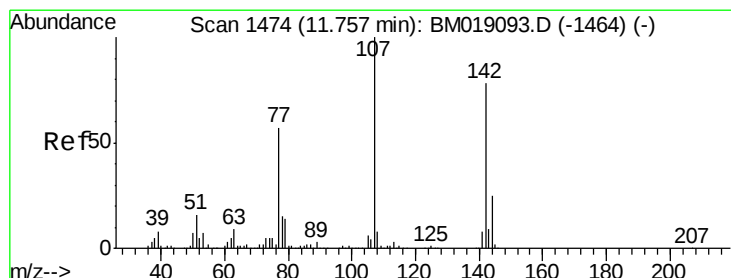
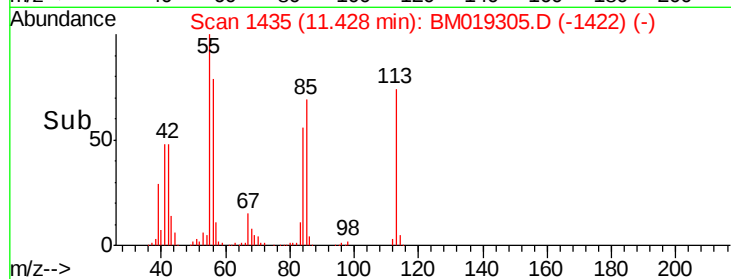
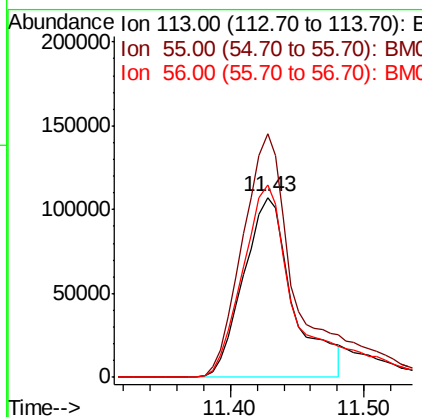
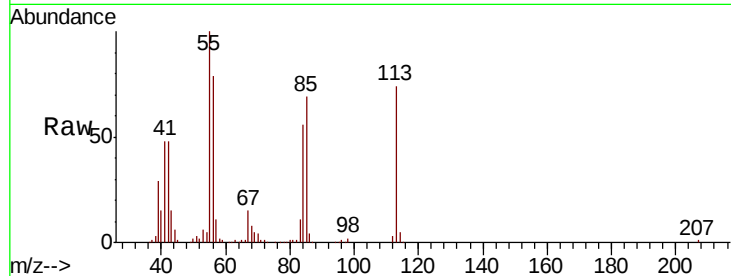




#35
 Caprolactam
 Concen: 54.108 ng
 RT: 11.43 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

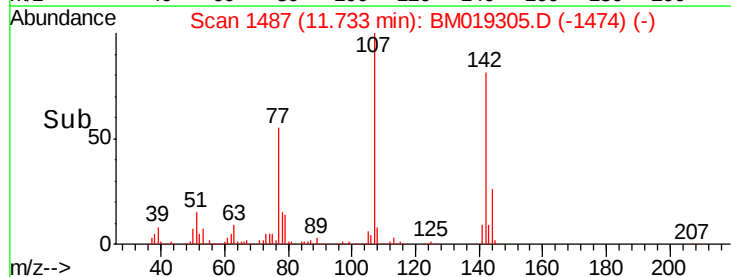
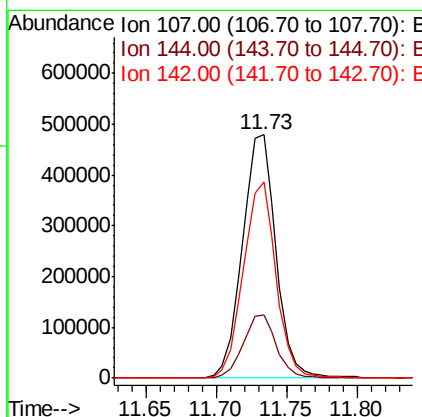
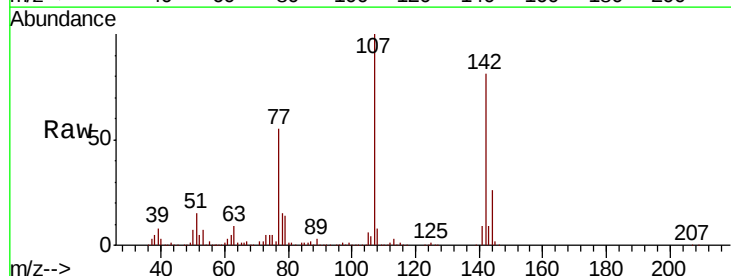
Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMPMSD

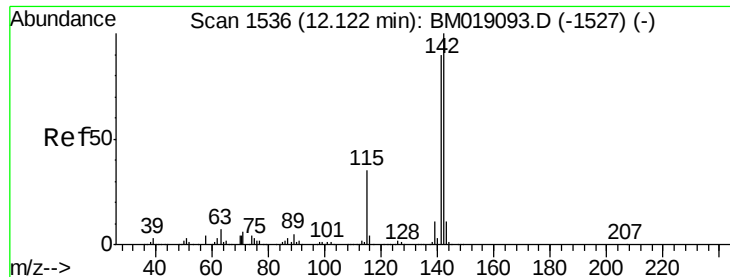
Tgt Ion:113 Resp: 276331
 Ion Ratio Lower Upper
 113 100
 55 135.4 120.1 160.1
 56 106.7 90.1 130.1



#36
 4-Chloro-3-methylphenol
 Concen: 45.086 ng
 RT: 11.73 min Scan# 1487
 Delta R.T. -0.02 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

Tgt Ion:107 Resp: 797560
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.2 30.4
 142 80.5 62.4 93.6

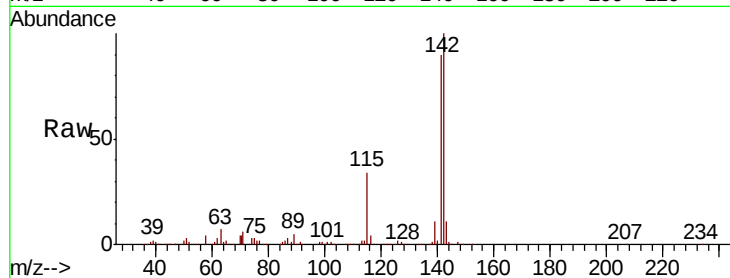




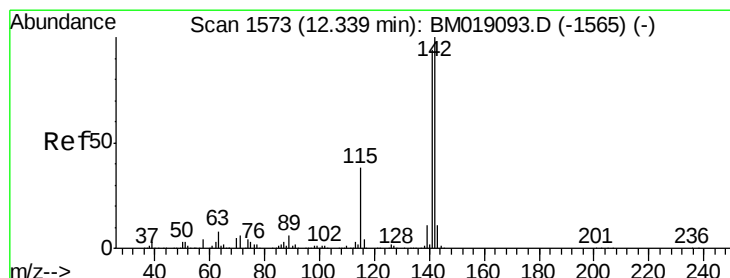
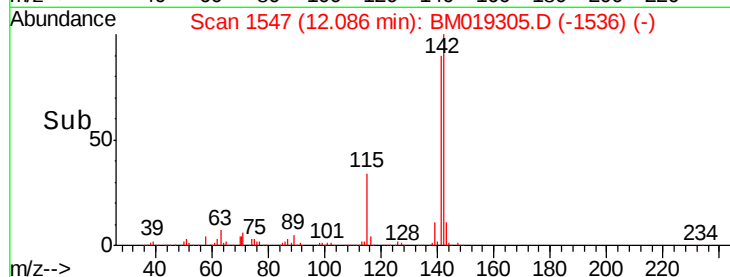
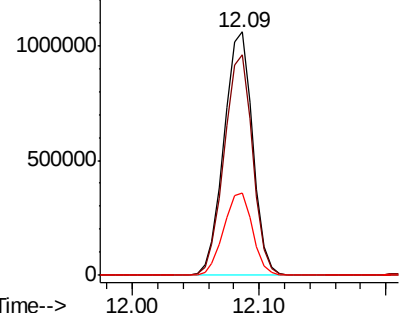
#37
 2-Methylnaphthalene
 Concen: 45.270 ng
 RT: 12.09 min Scan# 1547
 Delta R.T. -0.04 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMPMSSD

Tgt Ion:142 Resp: 1655464
 Ion Ratio Lower Upper
 142 100
 141 90.5 72.3 108.5
 115 33.7 27.8 41.8

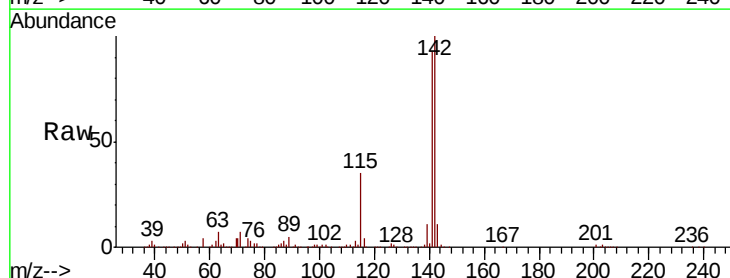


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

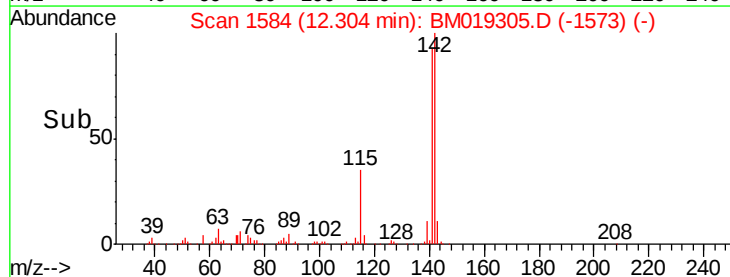
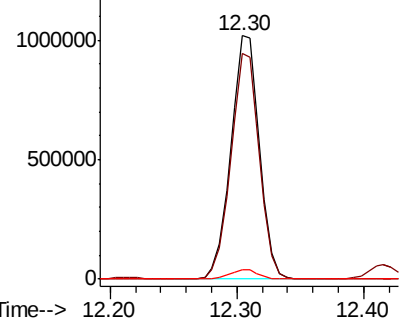


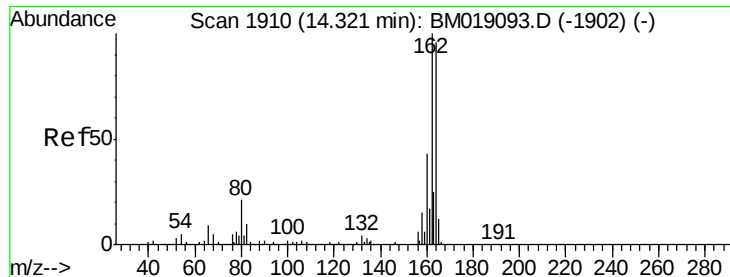
#38
 1-Methylnaphthalene
 Concen: 43.974 ng
 RT: 12.30 min Scan# 1584
 Delta R.T. -0.04 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

Tgt Ion:142 Resp: 1585033
 Ion Ratio Lower Upper
 142 100
 141 92.7 74.9 112.3
 116 3.9 3.2 4.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1921

Delta R.T. -0.04 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

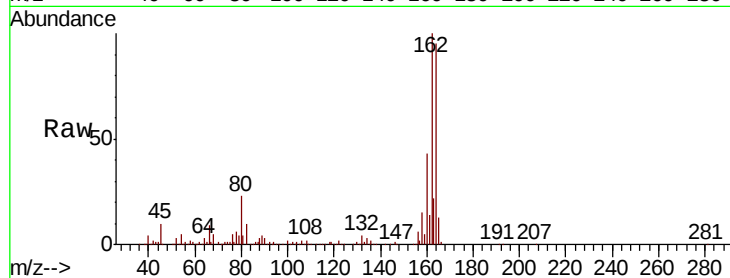
Tgt Ion:164 Resp: 530396

Ion Ratio Lower Upper

164 100

162 104.8 83.5 125.3

160 45.1 36.3 54.5

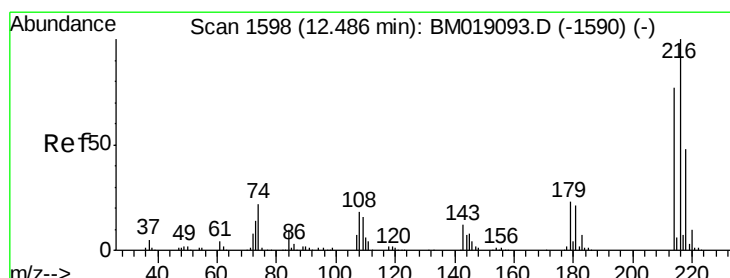
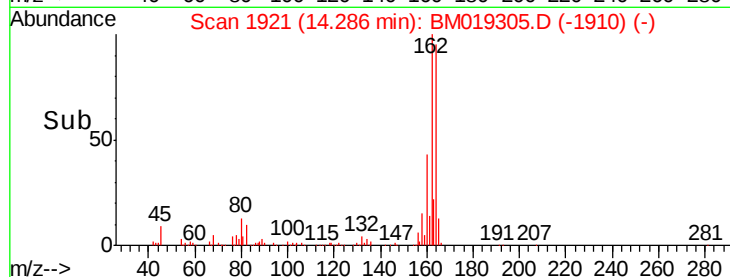
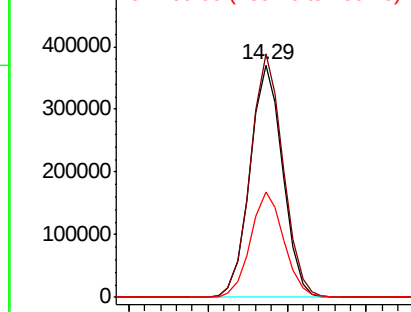


Abundance

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: 47.561 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Tgt Ion:216 Resp: 797975

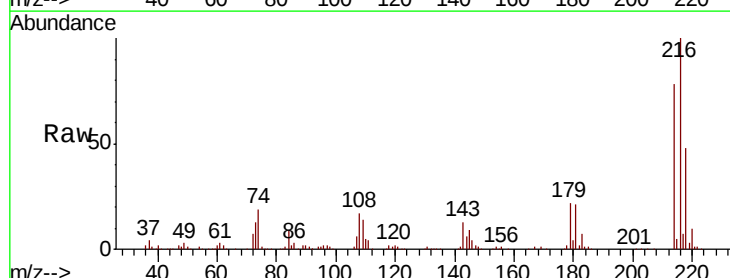
Ion Ratio Lower Upper

216 100

214 79.1 62.9 94.3

179 22.3 18.0 27.0

108 17.9 16.2 24.4



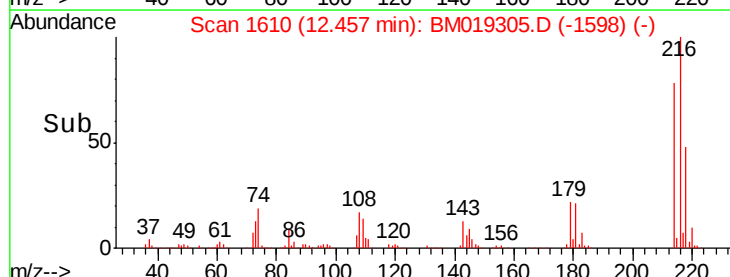
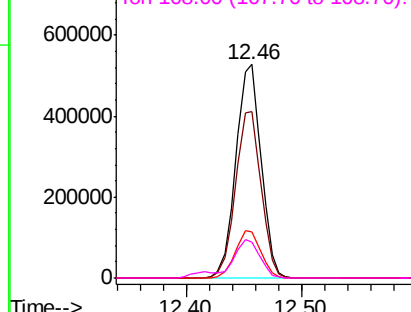
Abundance

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: 98.155 ng

RT: 12.42 min Scan# 1603

Delta R.T. -0.04 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

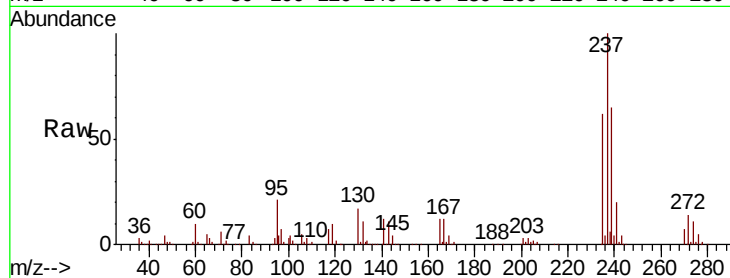
Tgt Ion:237 Resp: 745944

Ion Ratio Lower Upper

237 100

235 62.4 41.3 81.3

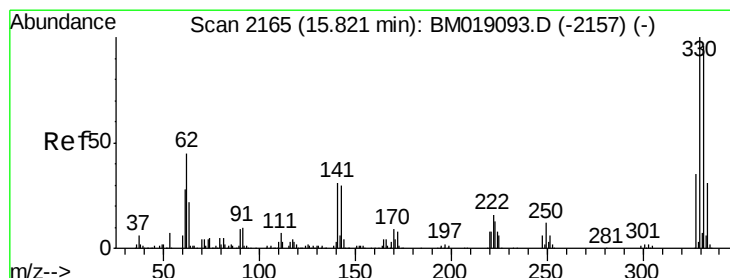
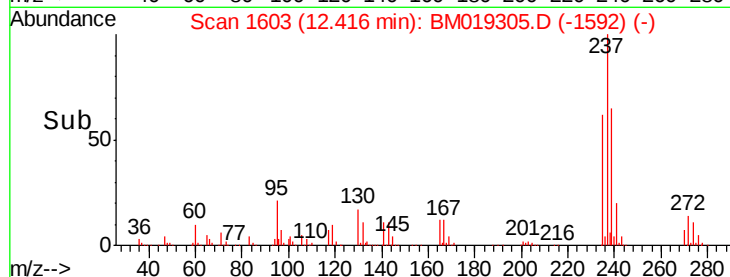
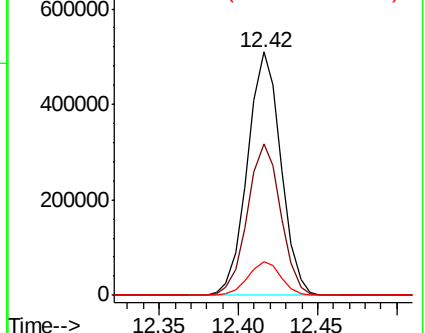
272 13.7 0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 135.865 ng

RT: 15.79 min Scan# 2177

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

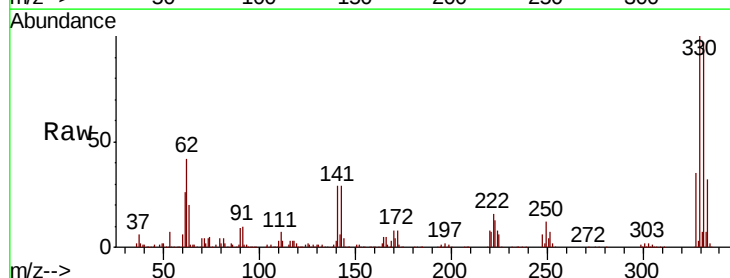
Tgt Ion:330 Resp: 1063972

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

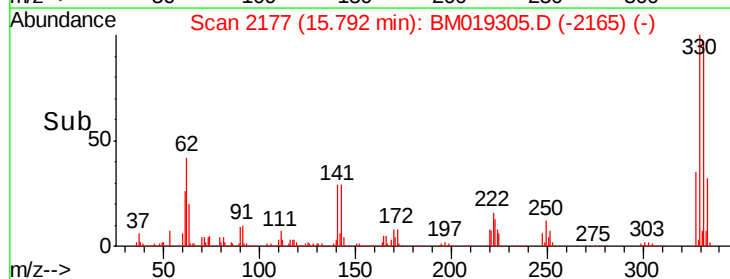
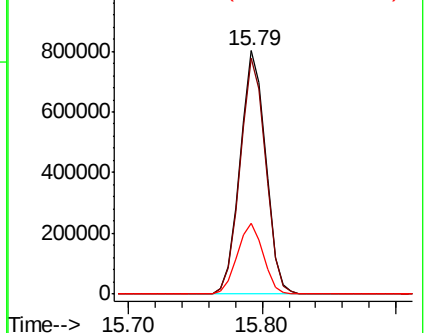
141 29.7 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

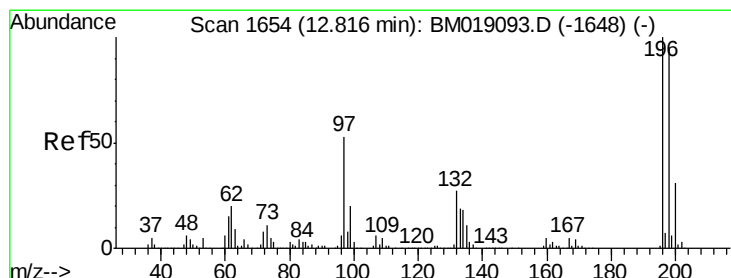
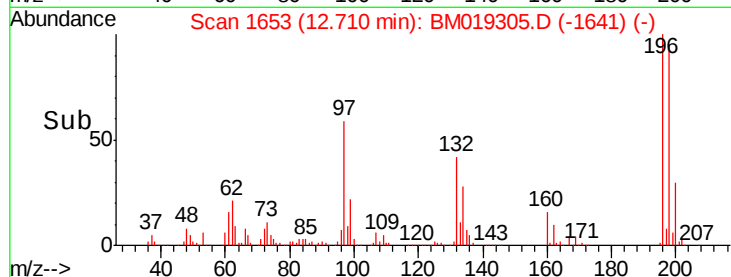
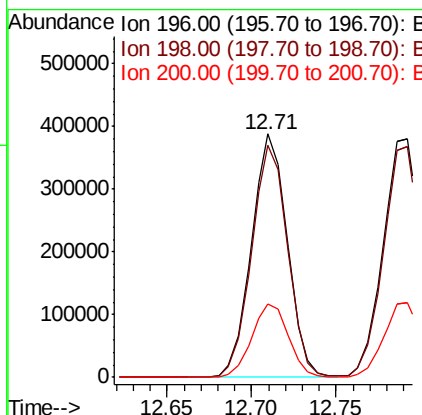
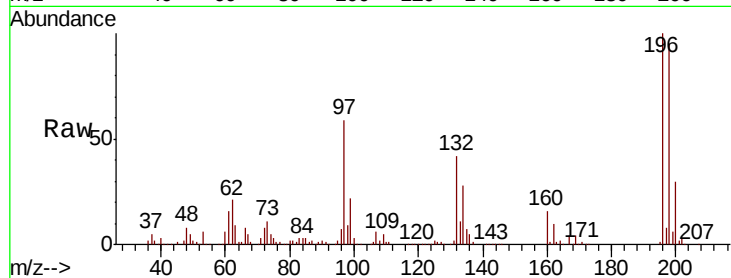




#43
 2,4,6-Trichlorophenol
 Concen: 52.945 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. -0.03 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

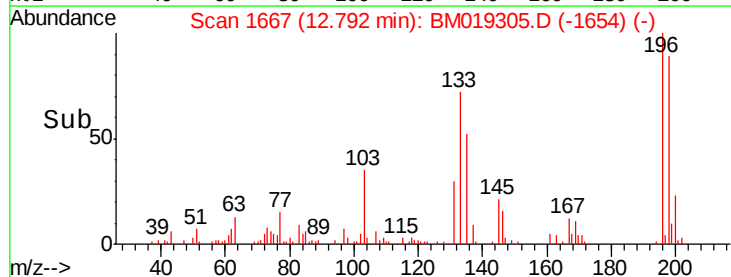
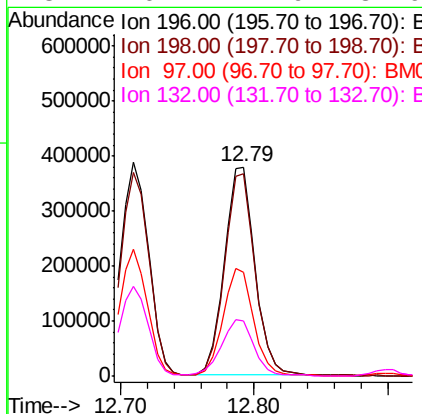
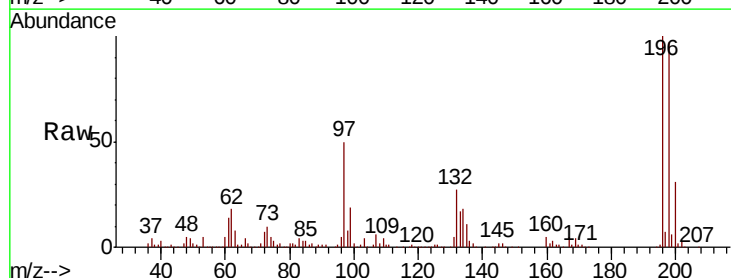
Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMPMSD

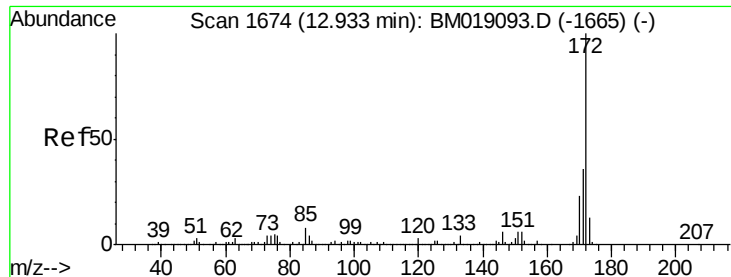
Tgt Ion:196 Resp: 574053
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.4 113.0
 200 30.4 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 52.301 ng
 RT: 12.79 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

Tgt Ion:196 Resp: 606388
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.9 113.9
 97 49.7 42.5 63.7
 132 26.7 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 90.783 ng

RT: 12.90 min Scan# 1685

Delta R.T. -0.04 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMDS

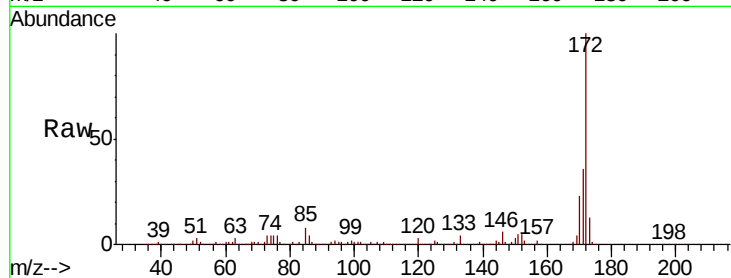
Tgt Ion:172 Resp: 3701771

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

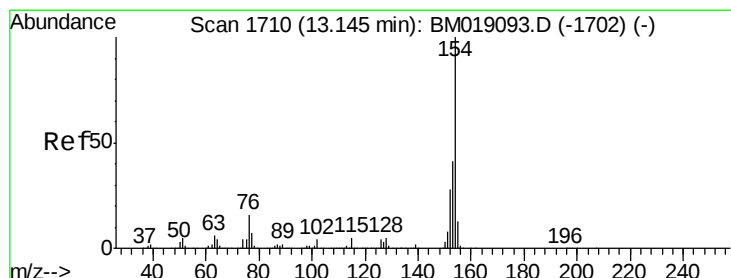
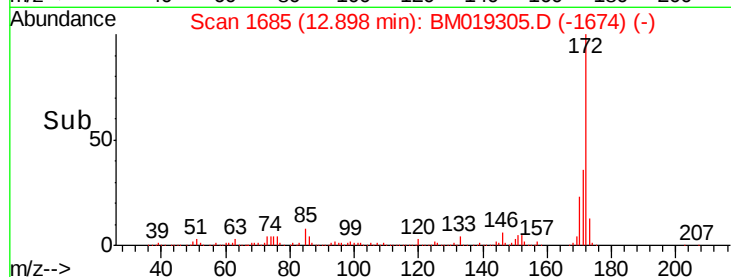
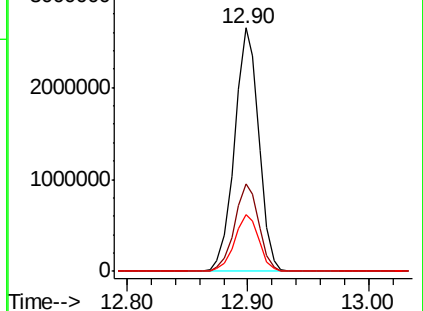
170 23.2 18.6 28.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 45.849 ng

RT: 13.12 min Scan# 1722

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

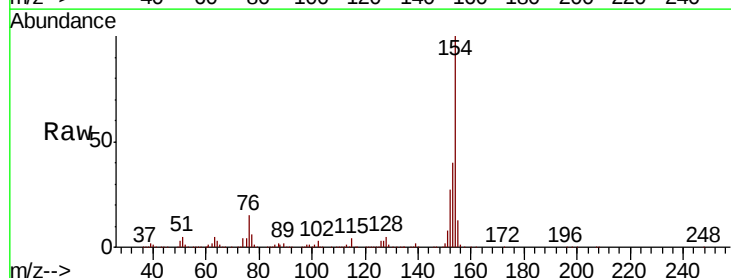
Tgt Ion:154 Resp: 2123755

Ion Ratio Lower Upper

154 100

153 40.4 21.5 61.5

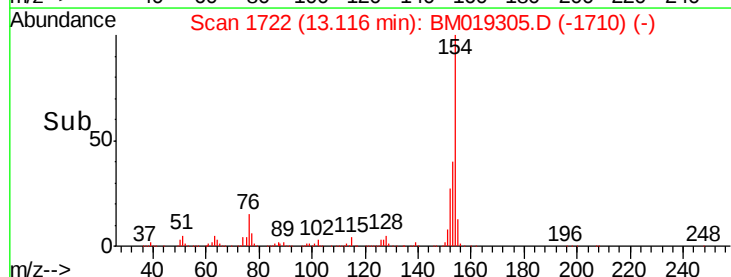
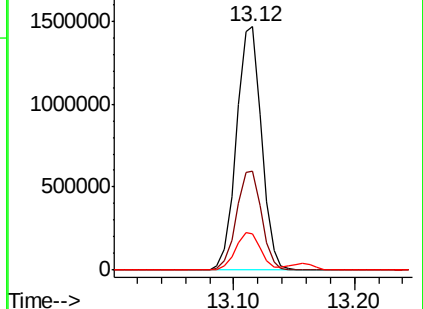
76 14.7 0.0 35.8

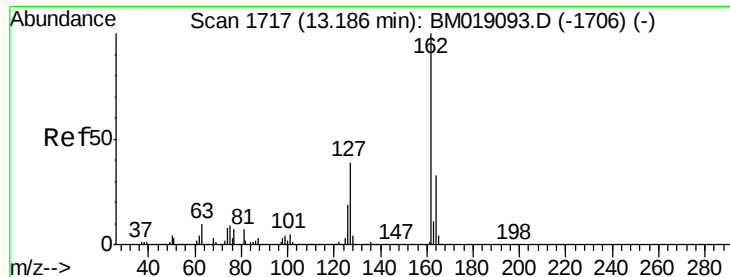


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

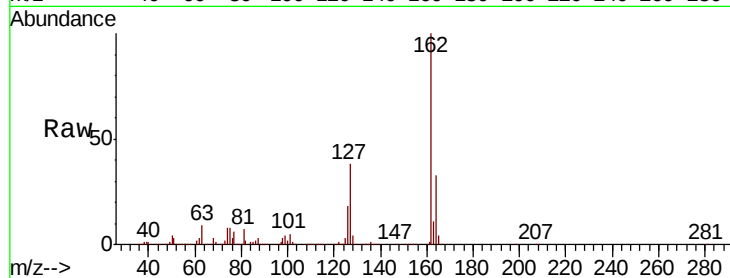




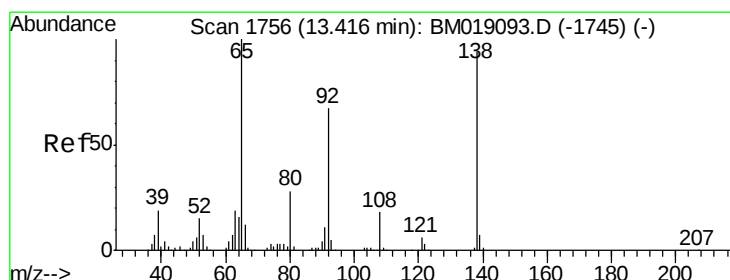
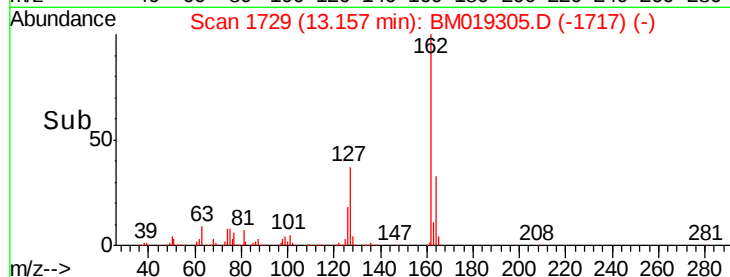
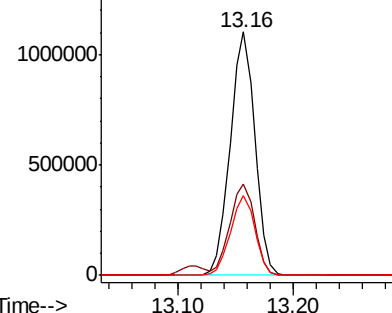
#47
 2-Chloronaphthalene
 Concen: 47.472 ng
 RT: 13.16 min Scan# 1729
 Delta R.T. -0.03 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMPMSD

Tgt Ion: 162 Resp: 1641350
 Ion Ratio Lower Upper
 162 100
 127 37.6 31.2 46.8
 164 32.7 26.3 39.5

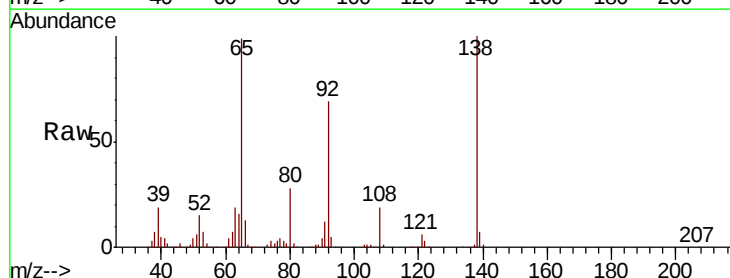


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

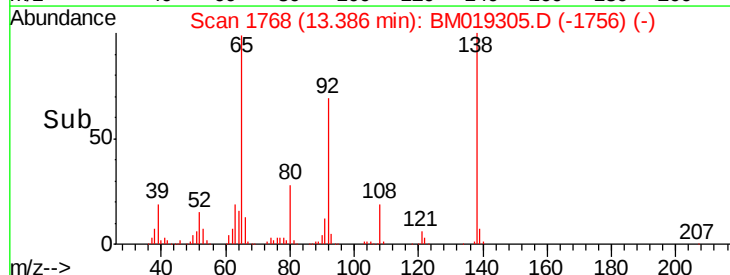
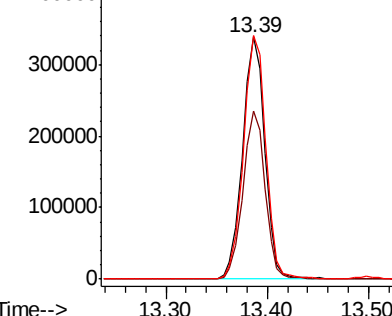


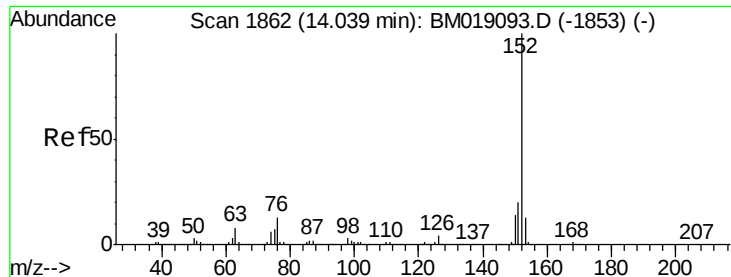
#48
 2-Nitroaniline
 Concen: 44.723 ng
 RT: 13.39 min Scan# 1768
 Delta R.T. -0.03 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

Tgt Ion: 65 Resp: 518589
 Ion Ratio Lower Upper
 65 100
 92 69.5 53.4 80.2
 138 100.6 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: 44.471 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

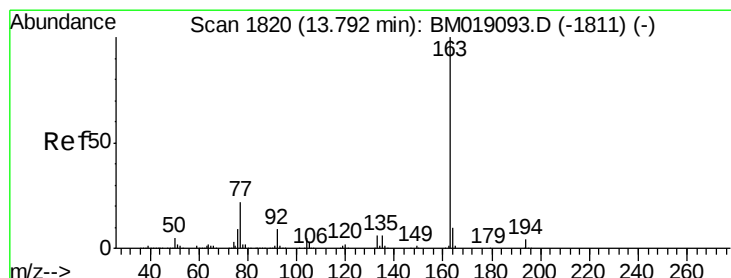
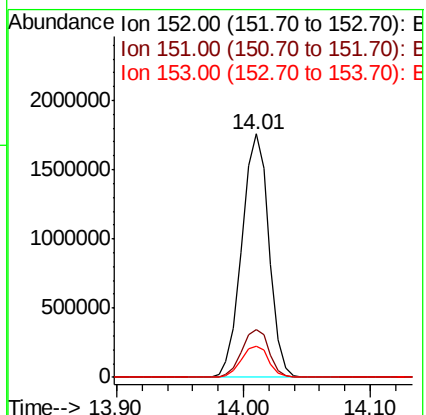
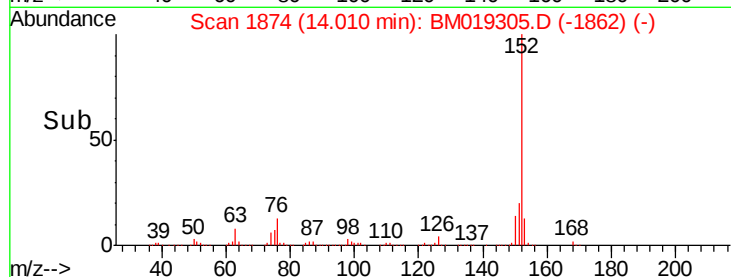
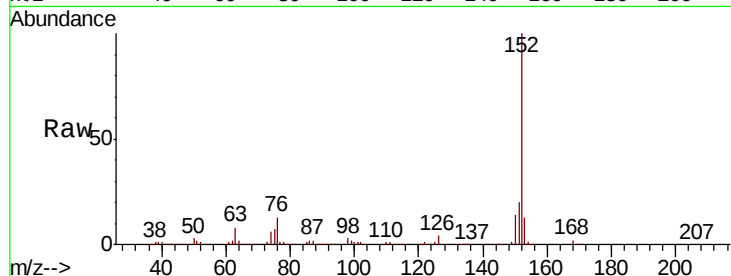
Tgt Ion:152 Resp: 2599796

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

153 12.9 10.6 15.8



#50

Dimethylphthalate

Concen: 52.054 ng

RT: 13.76 min Scan# 1832

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

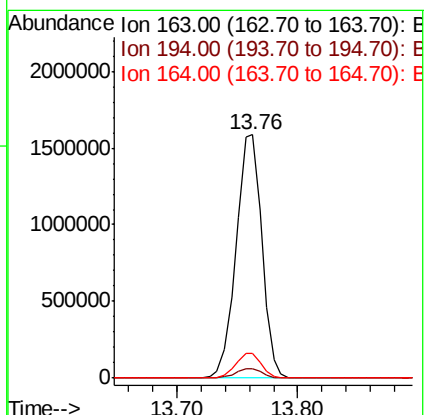
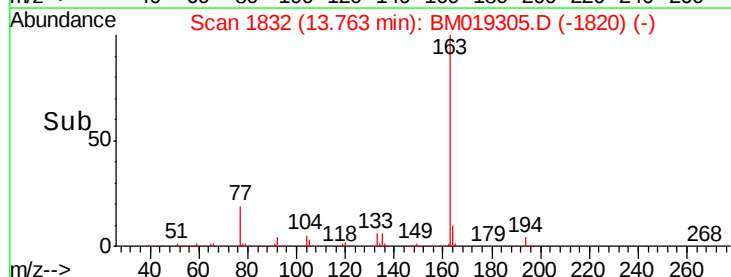
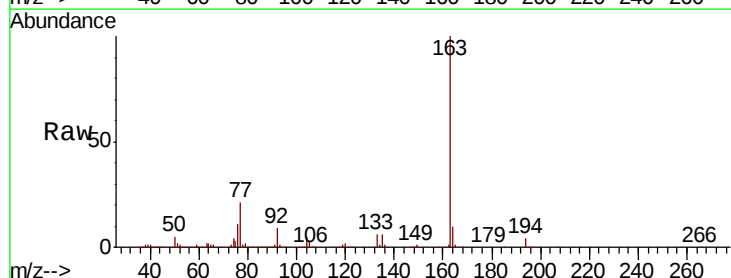
Tgt Ion:163 Resp: 2361854

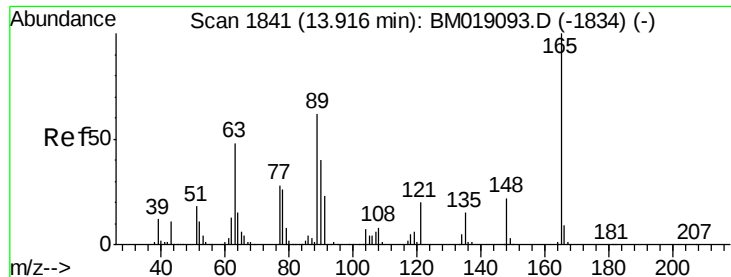
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 7.7 11.5

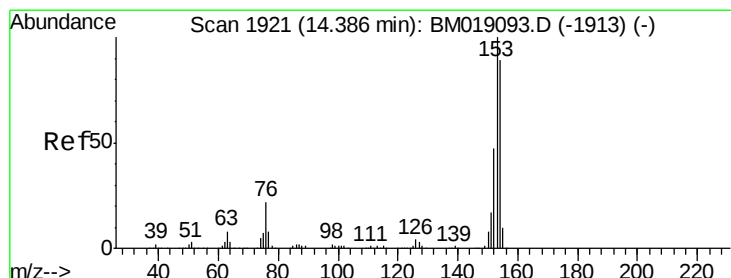
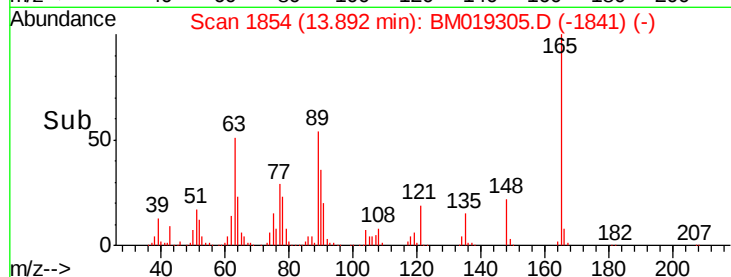
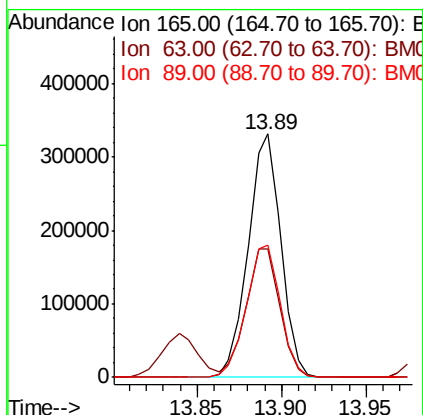
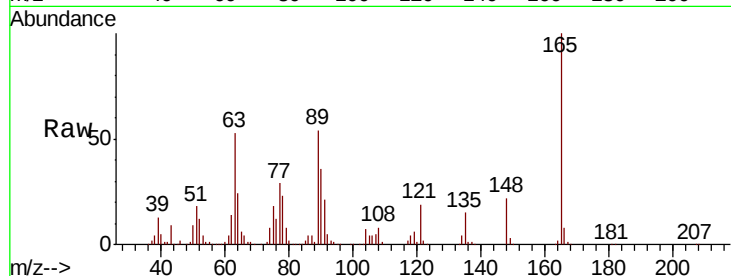




#51
 2,6-Dinitrotoluene
 Concen: 45.545 ng
 RT: 13.89 min Scan# 1854
 Delta R.T. -0.02 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

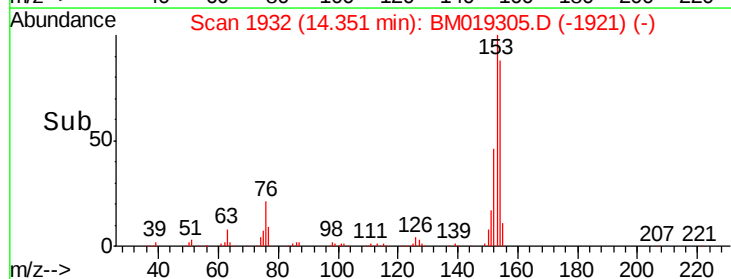
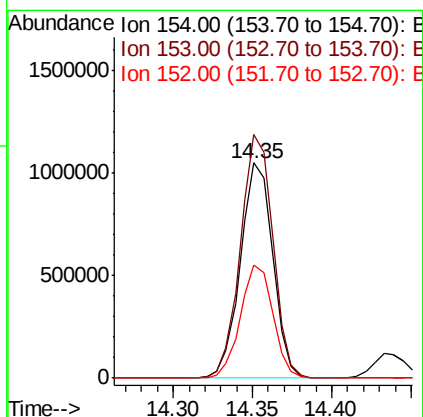
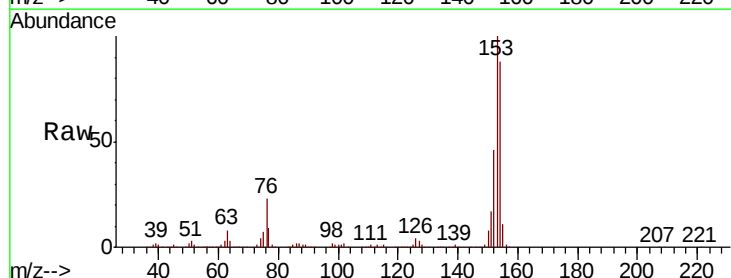
Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMPMSD

Tgt Ion:165 Resp: 446718
 Ion Ratio Lower Upper
 165 100
 63 52.6 48.2 72.4
 89 54.4 49.3 73.9



#52
 Acenaphthene
 Concen: 44.467 ng
 RT: 14.35 min Scan# 1932
 Delta R.T. -0.04 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

Tgt Ion:154 Resp: 1493738
 Ion Ratio Lower Upper
 154 100
 153 113.1 90.1 135.1
 152 52.5 42.5 63.7

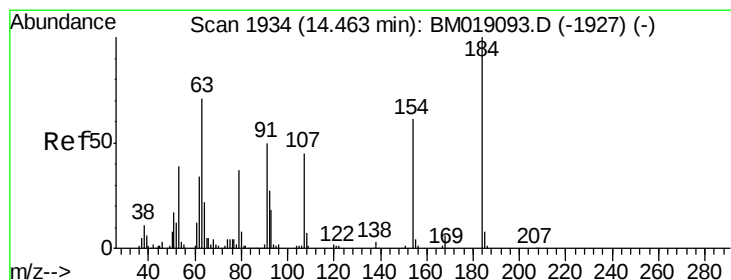
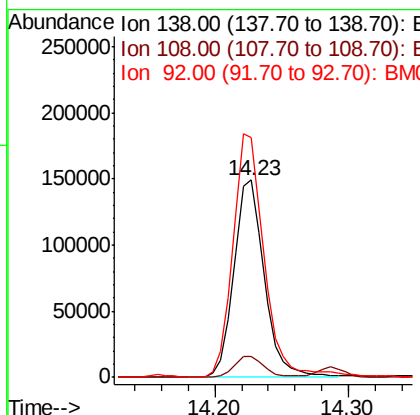
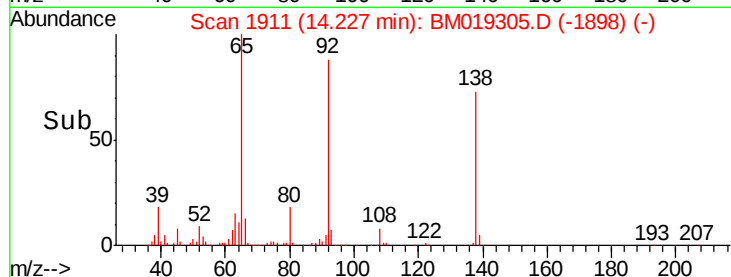
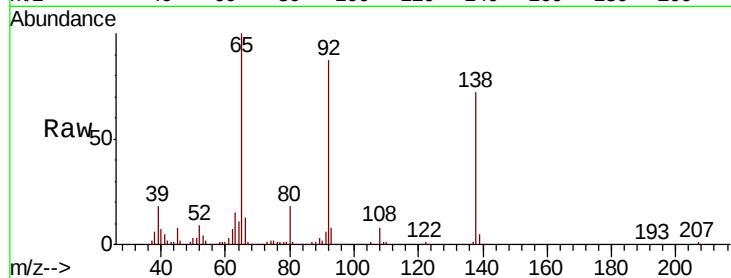




#53
 3-Nitroaniline
 Concen: 22.857 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

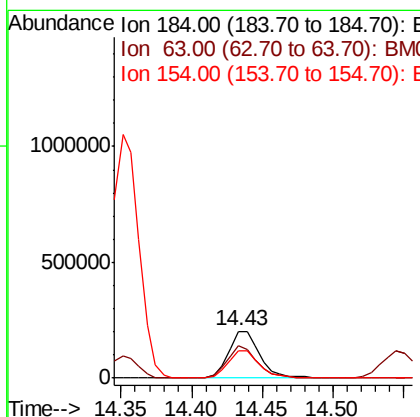
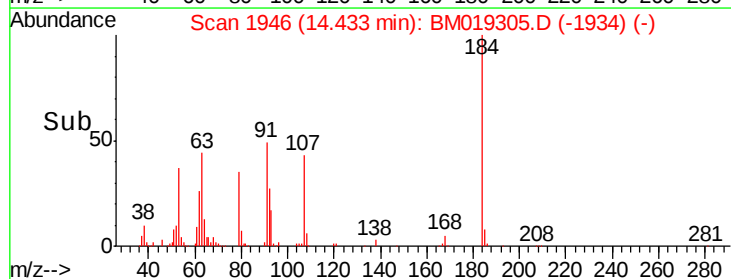
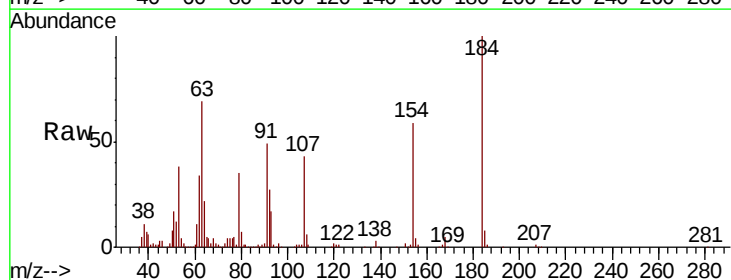
Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMPMSD

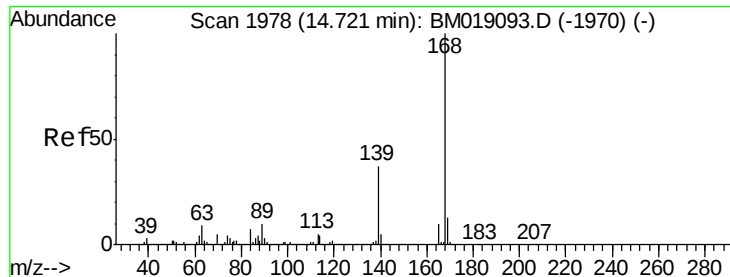
Tgt Ion:138 Resp: 237439
 Ion Ratio Lower Upper
 138 100
 108 10.5 9.0 13.4
 92 121.7 102.6 153.8



#54
 2,4-Dinitrophenol
 Concen: 55.339 ng
 RT: 14.43 min Scan# 1946
 Delta R.T. -0.03 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

Tgt Ion:184 Resp: 315218
 Ion Ratio Lower Upper
 184 100
 63 68.7 56.7 85.1
 154 58.7 49.3 73.9





#55

Dibenzofuran

Concen: 44.025 ng

RT: 14.69 min Scan# 1990

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

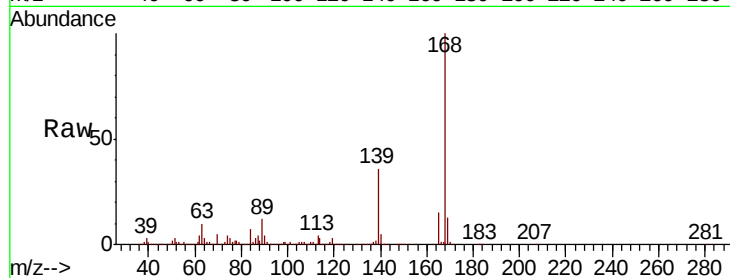
Tgt Ion:168 Resp: 2384989

Ion Ratio Lower Upper

168 100

139 35.8 30.1 45.1

169 13.4 10.6 16.0

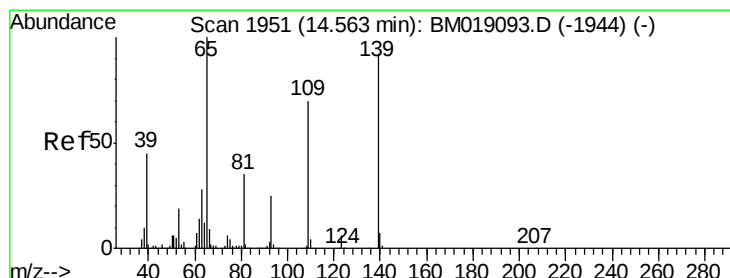
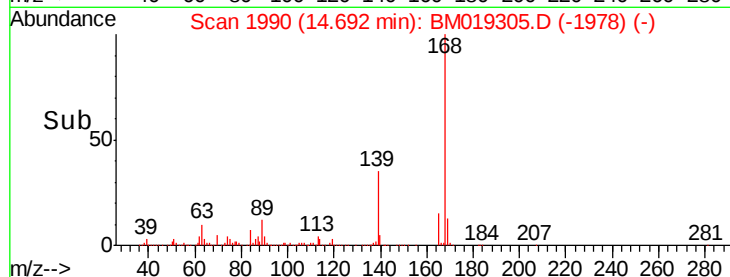
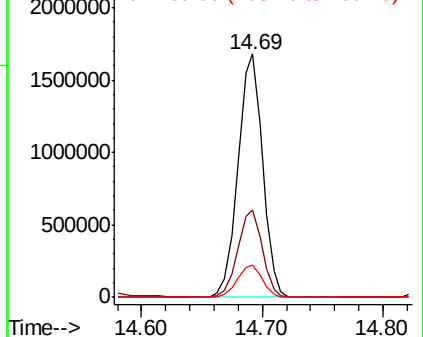


Abundance

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: 78.491 ng

RT: 14.55 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

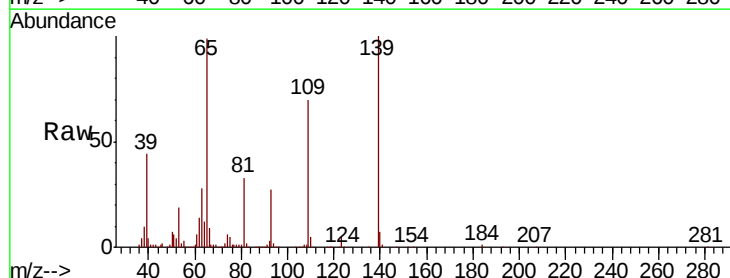
Tgt Ion:139 Resp: 665735

Ion Ratio Lower Upper

139 100

109 70.0 56.3 96.3

65 99.3 89.2 129.2

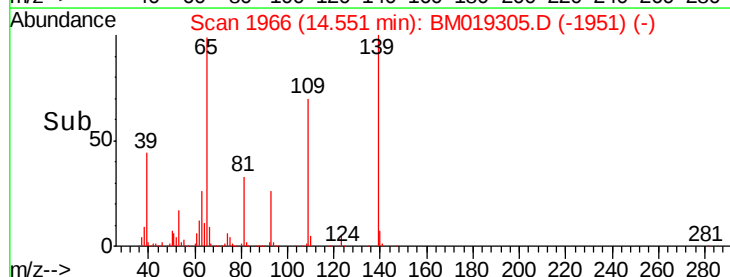
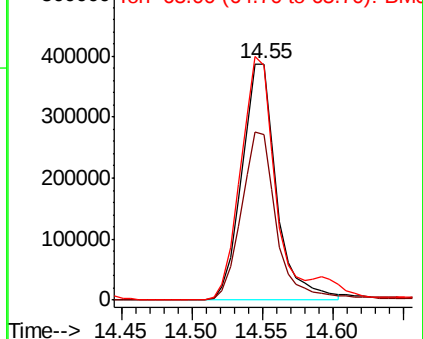


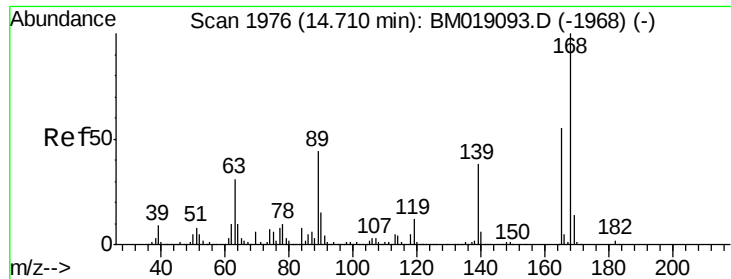
Abundance

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

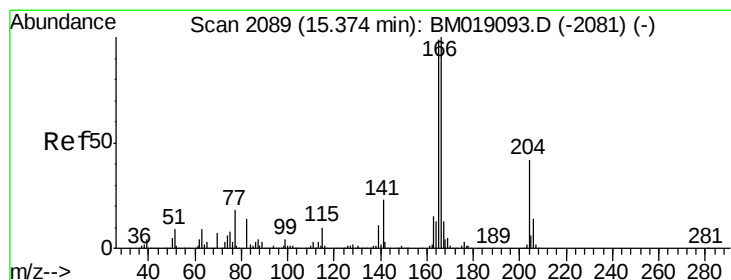
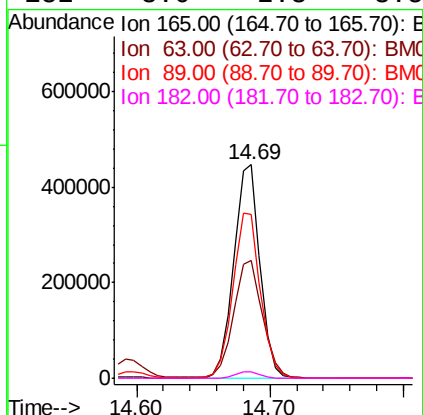
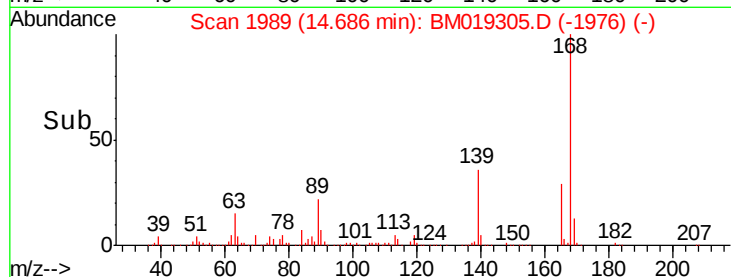
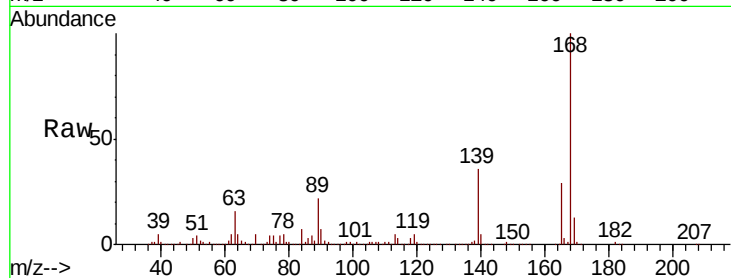




#57
2,4-Dinitrotoluene
Concen: 42.873 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

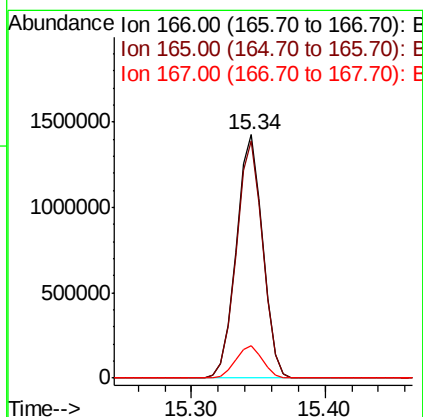
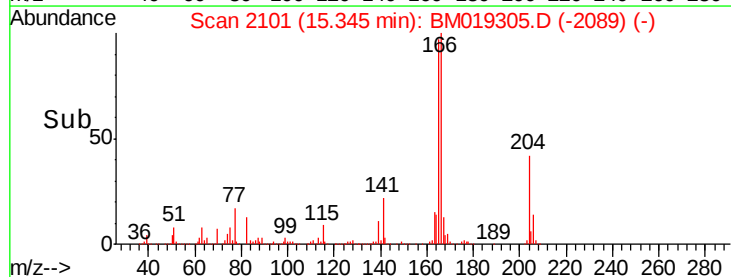
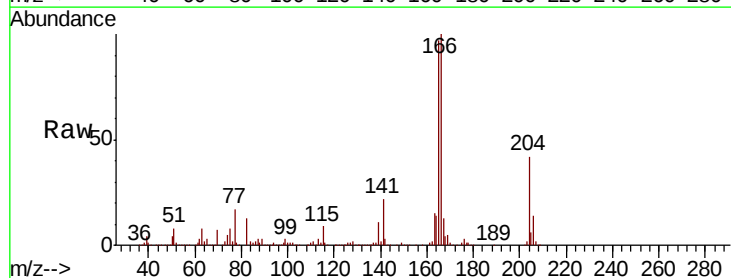
Instrument :
BNA_M
ClientSampleId :
S-1(2-10)-COMPMSSD

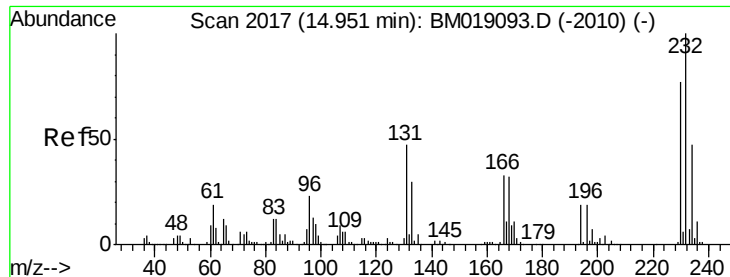
Tgt Ion:165 Resp: 610405
Ion Ratio Lower Upper
165 100
63 55.4 44.7 67.1
89 76.5 63.4 95.2
182 3.0 2.3 3.5



#58
Fluorene
Concen: 43.629 ng
RT: 15.34 min Scan# 2101
Delta R.T. -0.03 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

Tgt Ion:166 Resp: 1948234
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.4
167 13.3 10.8 16.2

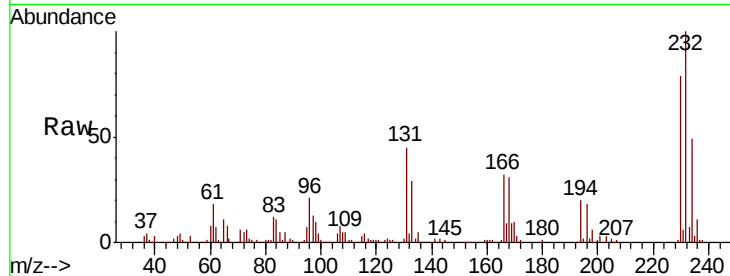




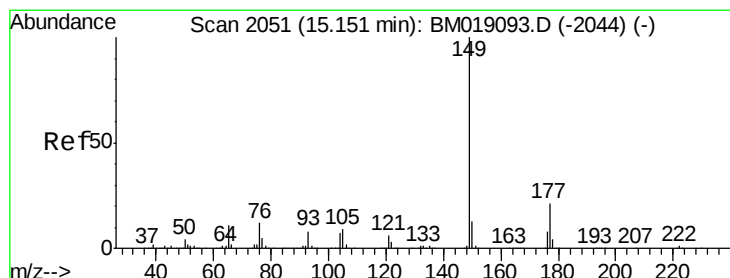
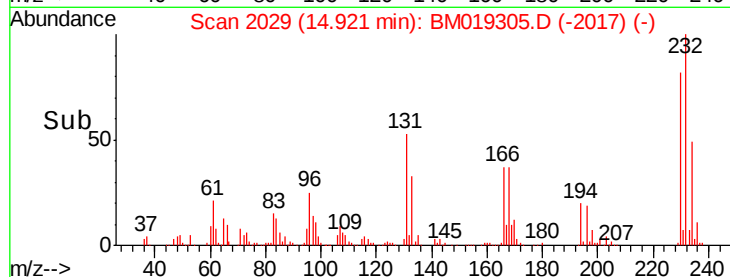
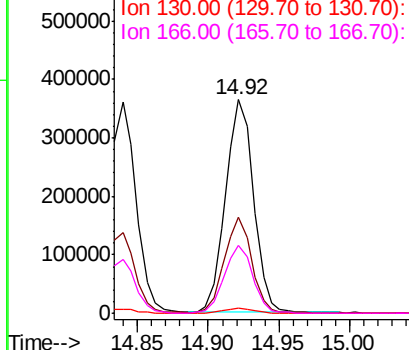
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.636 ng
 RT: 14.92 min Scan# 2029
 Delta R.T. -0.03 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMPMSSD

Tgt Ion:	232	Resp:	503374
Ion	Ratio	Lower	Upper
232	100		
131	43.8	38.2	57.2
130	2.3	1.9	2.9
166	32.0	27.0	40.4

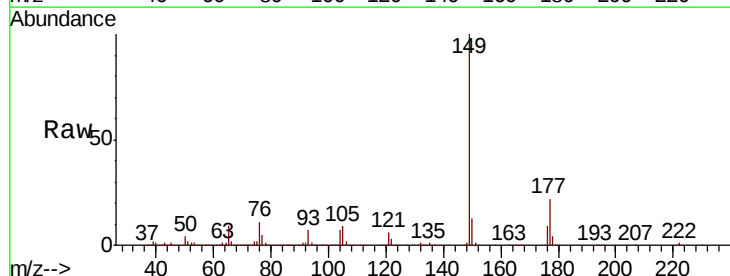


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

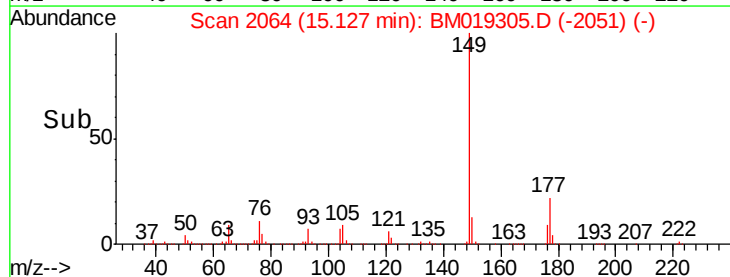
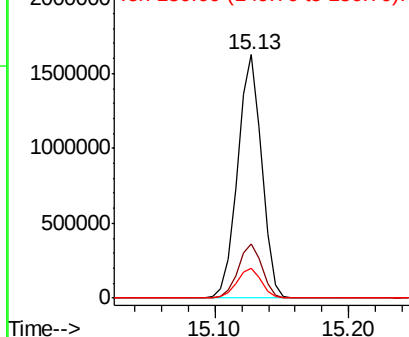


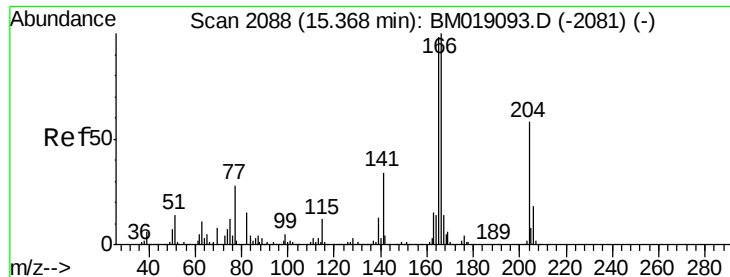
#60
 Diethylphthalate
 Concen: 44.001 ng
 RT: 15.13 min Scan# 2064
 Delta R.T. -0.02 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

Tgt Ion:	149	Resp:	2021968
Ion	Ratio	Lower	Upper
149	100		
177	22.1	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

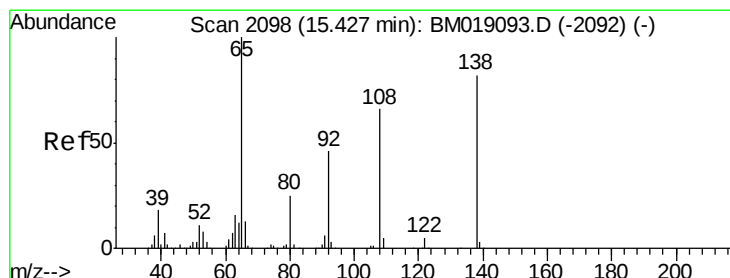
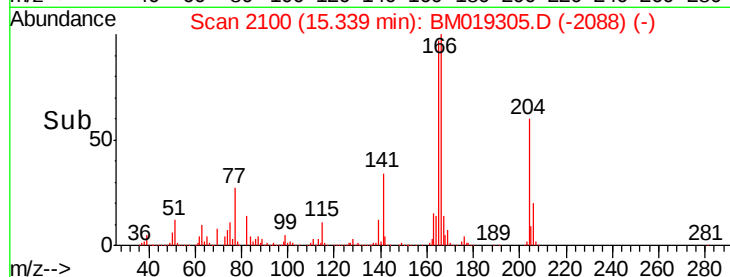
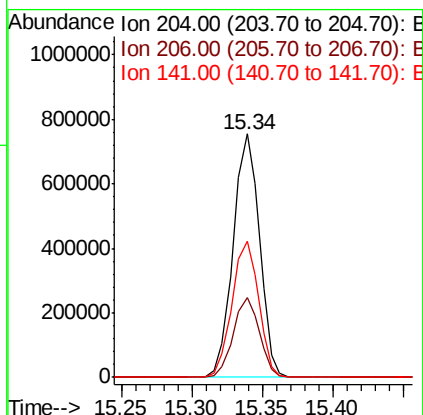
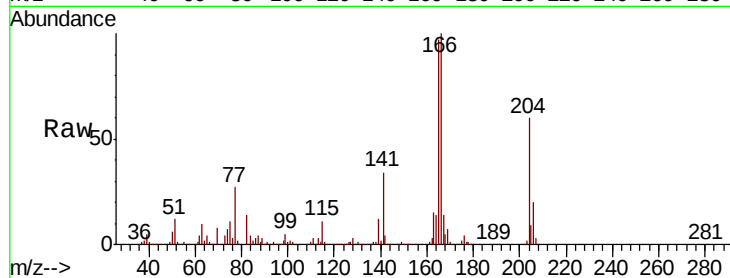




#61
 4-Chlorophenyl-phenylether
 Concen: 45.157 ng
 RT: 15.34 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

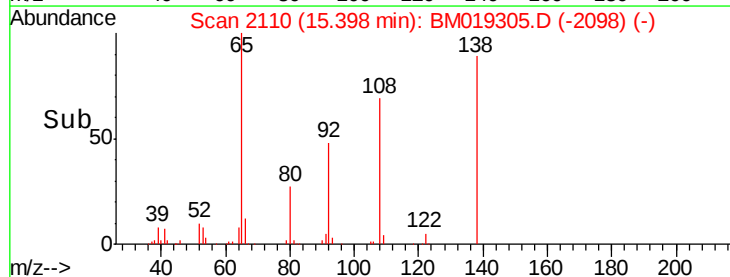
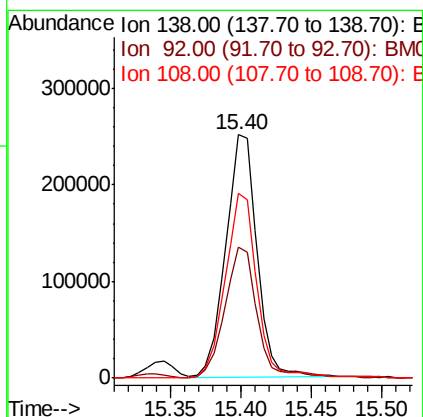
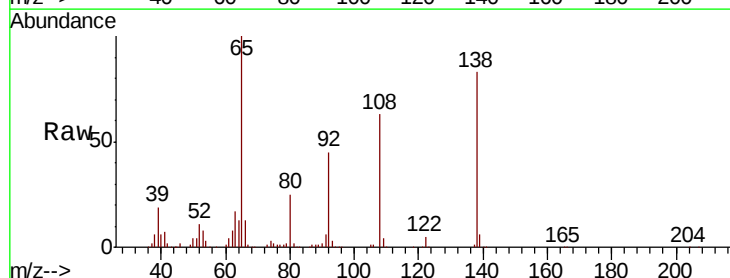
Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMPMSD

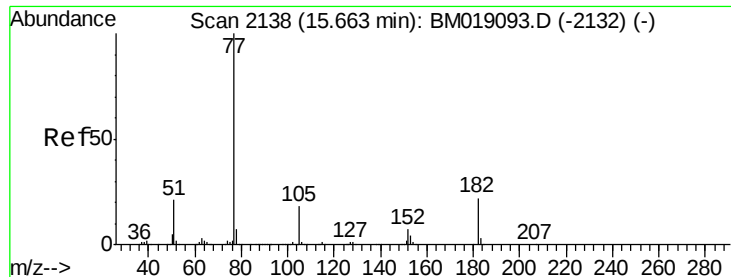
Tgt Ion:204 Resp: 979349
 Ion Ratio Lower Upper
 204 100
 206 33.0 25.5 38.3
 141 56.1 47.8 71.8



#62
 4-Nitroaniline
 Concen: 36.892 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.03 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

Tgt Ion:138 Resp: 386225
 Ion Ratio Lower Upper
 138 100
 92 54.0 36.2 76.2
 108 76.1 59.7 99.7





#63

Azobenzene

Concen: 42.822 ng

RT: 15.63 min Scan# 2150

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSD

Tgt Ion: 77 Resp: 2070677

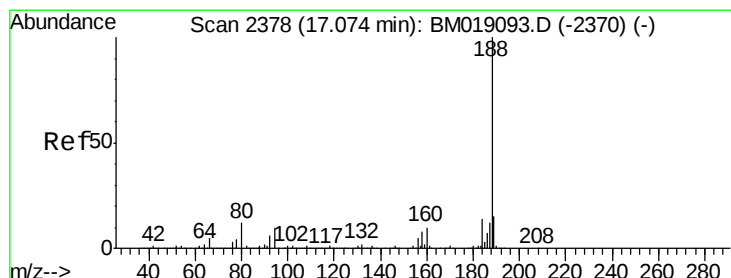
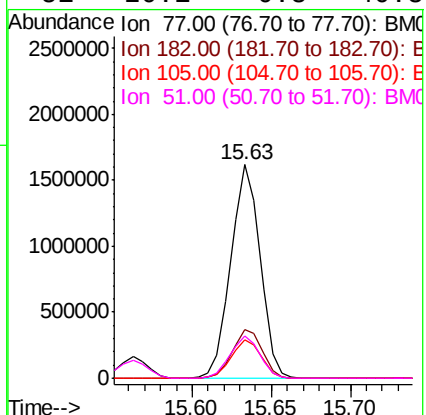
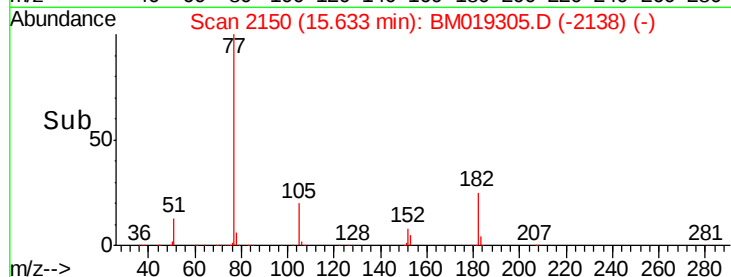
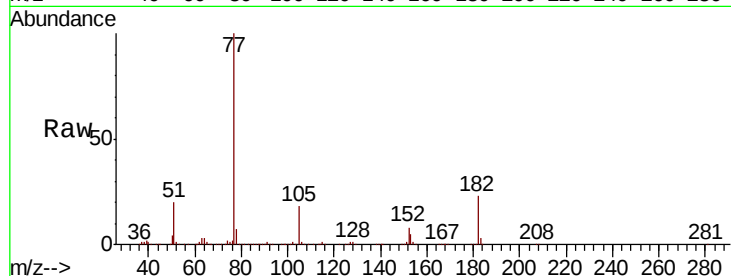
Ion	Ratio	Lower	Upper
77	100		
182	22.9	1.8	41.8
105	18.2	0.0	38.3
51	20.1	0.8	40.8

77 100

182 22.9 1.8 41.8

105 18.2 0.0 38.3

51 20.1 0.8 40.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2390

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

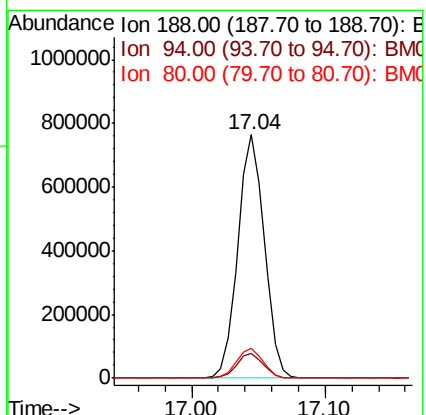
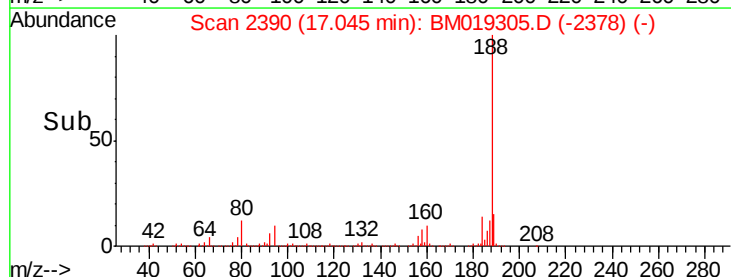
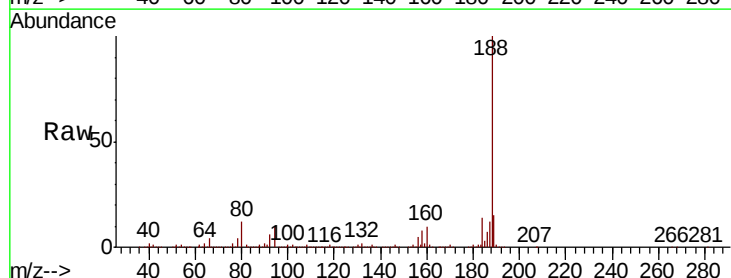
Tgt Ion: 188 Resp: 1052530

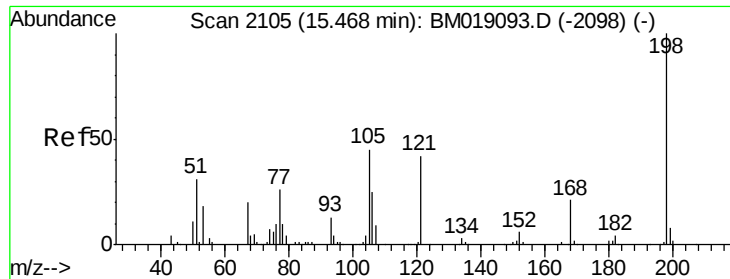
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	12.1	9.7	14.5

188 100

94 10.1 8.1 12.1

80 12.1 9.7 14.5

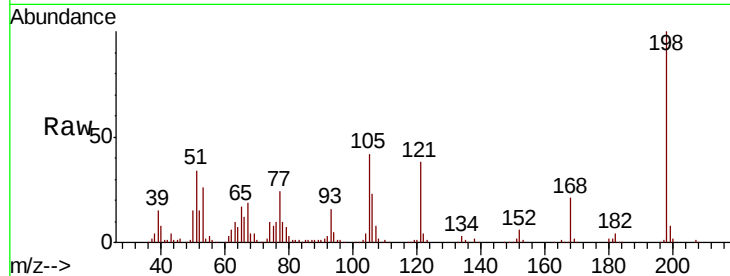




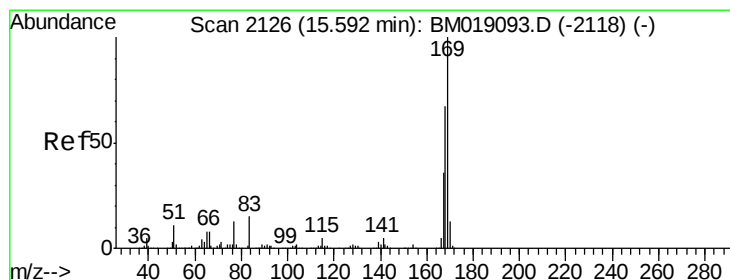
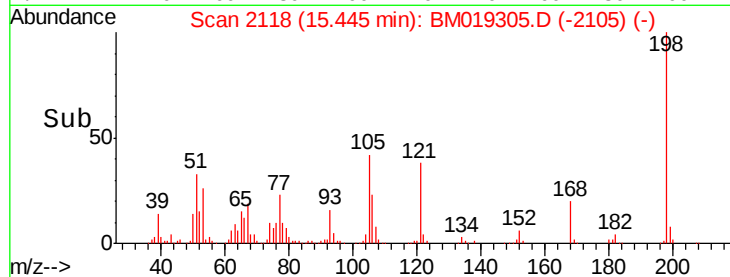
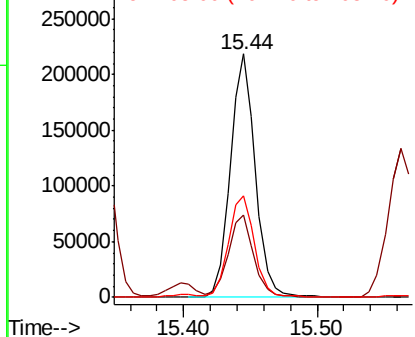
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.256 ng
 RT: 15.44 min Scan# 2118
 Delta R.T. -0.02 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMPMSD

Tgt Ion:198 Resp: 284551
 Ion Ratio Lower Upper
 198 100
 51 33.6 17.3 57.3
 105 41.7 26.2 66.2

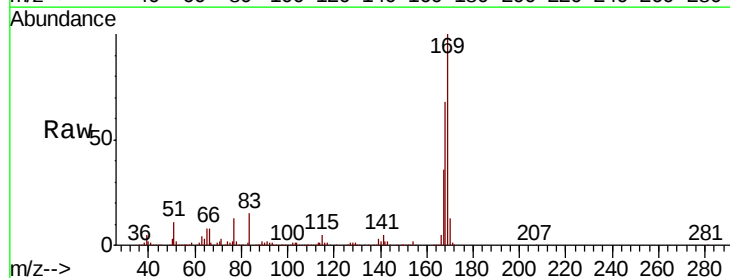


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

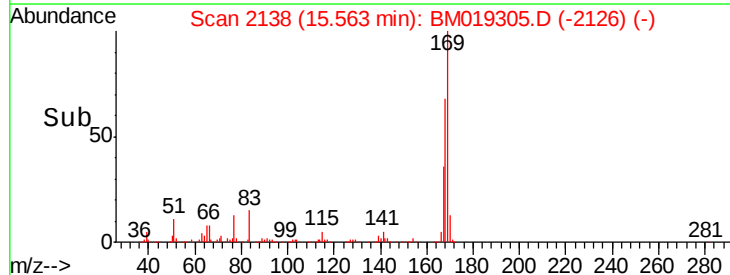
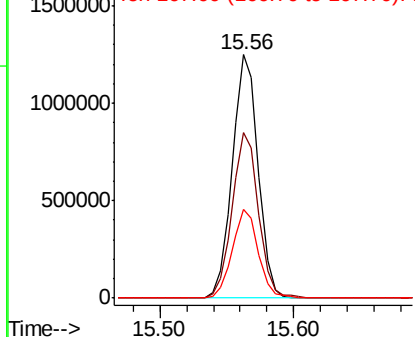


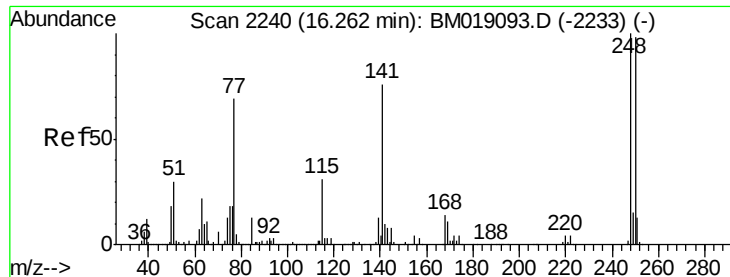
#66
 n-Nitrosodiphenylamine
 Concen: 50.206 ng
 RT: 15.56 min Scan# 2138
 Delta R.T. -0.03 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

Tgt Ion:169 Resp: 1682351
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.9 80.9
 167 36.3 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

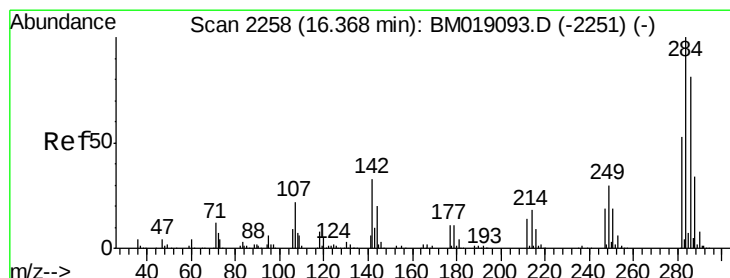
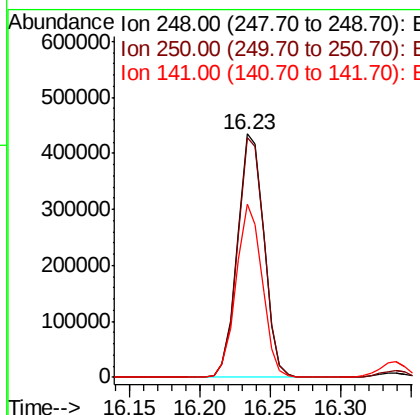
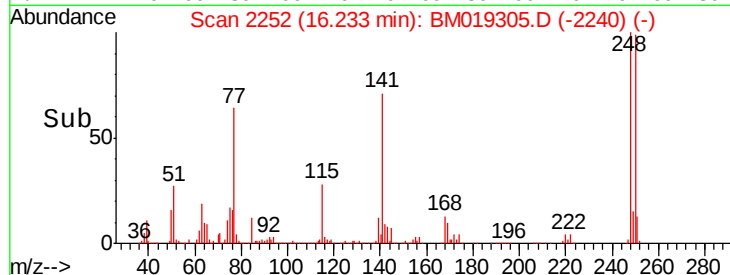
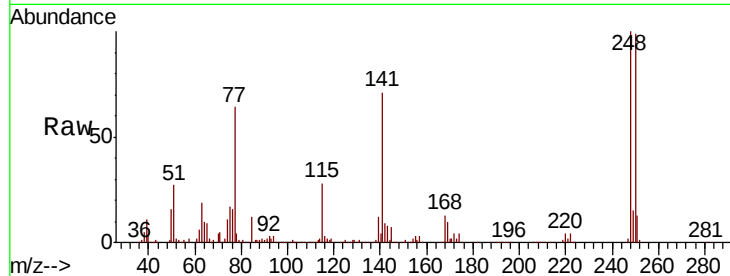




#67
4-Bromophenyl-phenylether
Concen: 49.278 ng
RT: 16.23 min Scan# 2252
Delta R.T. -0.03 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

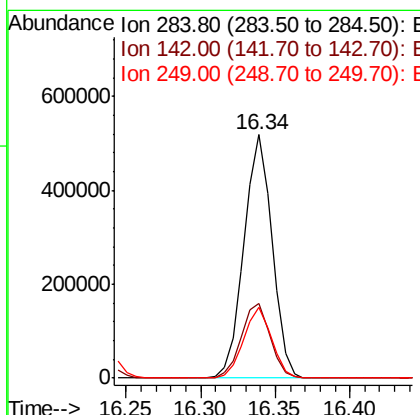
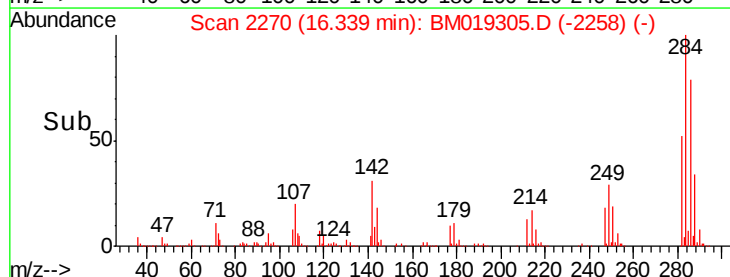
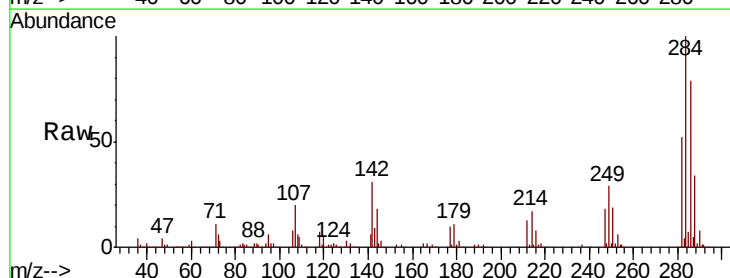
Instrument :
BNA_M
ClientSampleId :
S-1(2-10)-COMPMSD

Tgt Ion:248 Resp: 571955
Ion Ratio Lower Upper
248 100
250 98.7 78.0 117.0
141 71.1 61.0 91.4



#68
Hexachlorobenzene
Concen: 49.009 ng
RT: 16.34 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

Tgt Ion:284 Resp: 676278
Ion Ratio Lower Upper
284 100
142 30.8 26.3 39.5
249 29.0 24.1 36.1

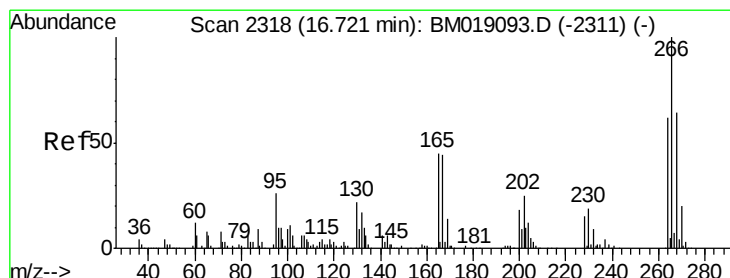
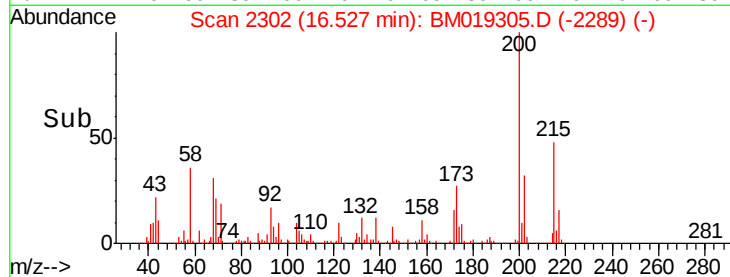
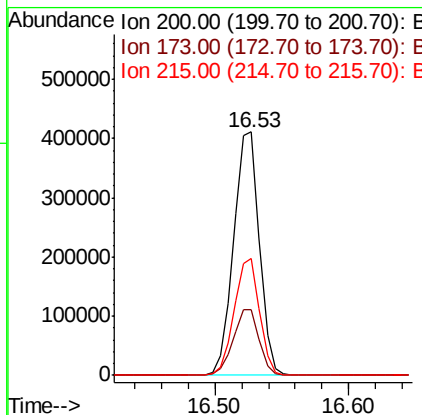
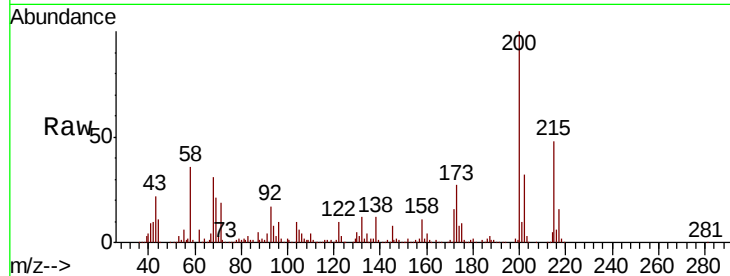




#69
 Atrazine
 Concen: 49.072 ng
 RT: 16.53 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

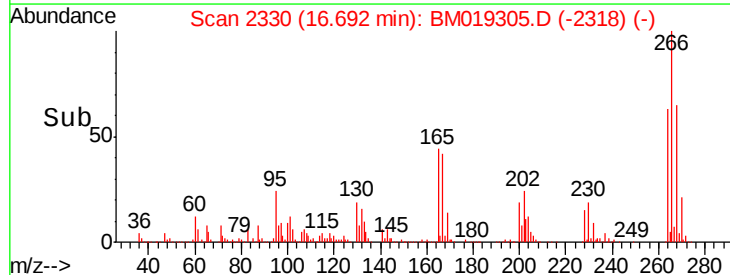
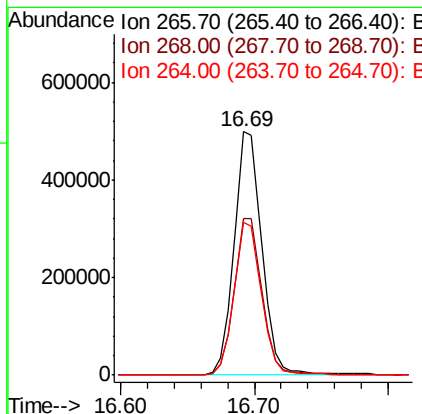
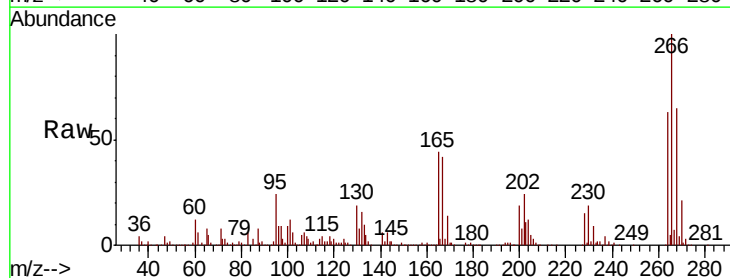
Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMPMSSD

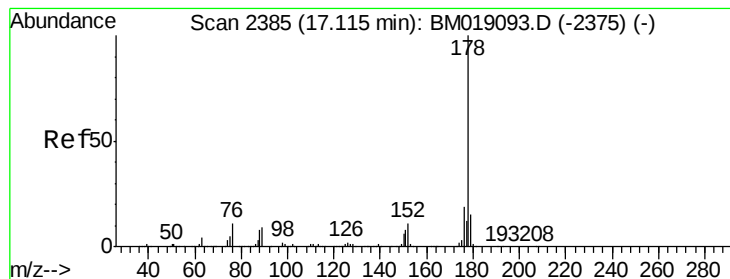
Tgt Ion:200 Resp: 553530
 Ion Ratio Lower Upper
 200 100
 173 27.0 7.0 47.0
 215 48.1 27.7 67.7



#70
 Pentachlorophenol
 Concen: 86.828 ng
 RT: 16.69 min Scan# 2330
 Delta R.T. -0.03 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

Tgt Ion:266 Resp: 721871
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.3 76.9
 264 63.0 50.0 75.0





#71

Phenanthrene

Concen: 45.075 ng

RT: 17.09 min Scan# 2397

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

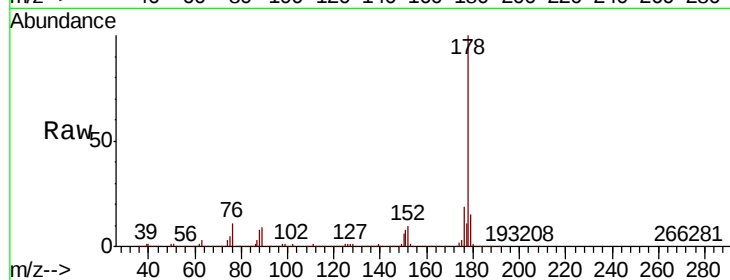
Tgt Ion:178 Resp: 2780758

Ion Ratio Lower Upper

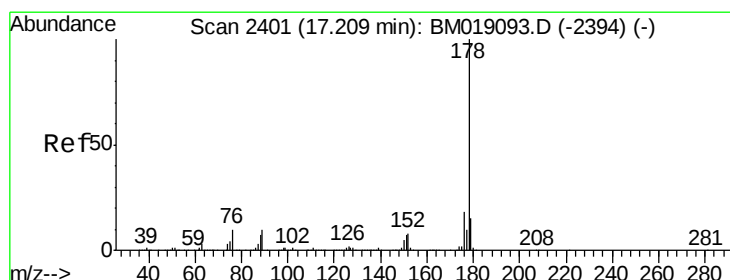
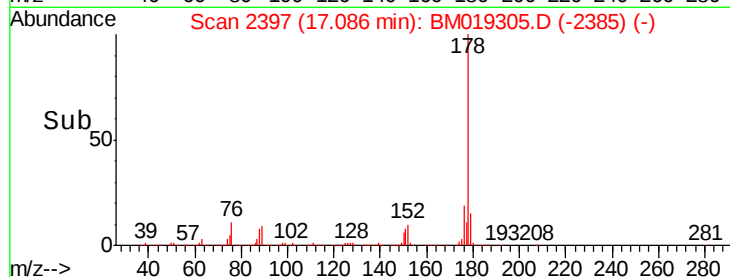
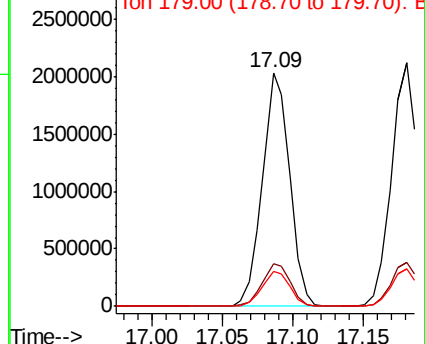
178 100

176 18.5 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: 46.244 ng

RT: 17.18 min Scan# 2413

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

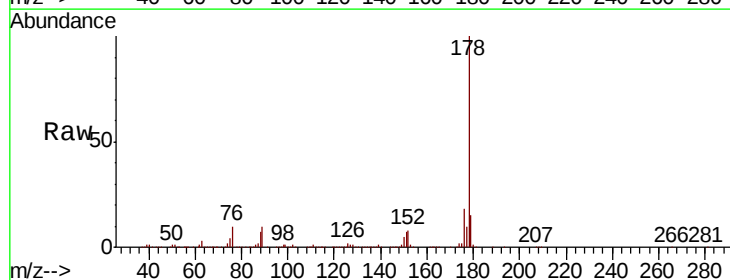
Tgt Ion:178 Resp: 2792871

Ion Ratio Lower Upper

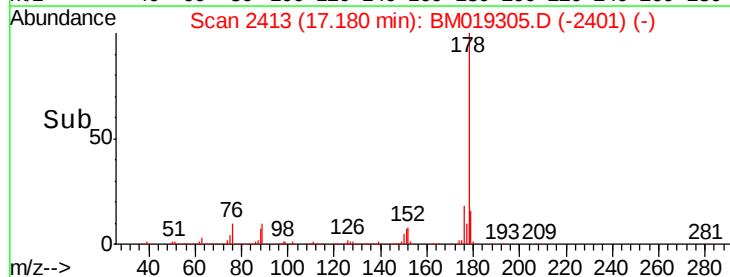
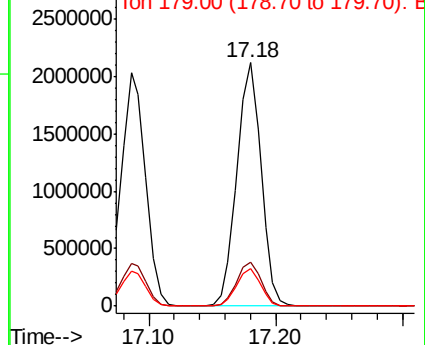
178 100

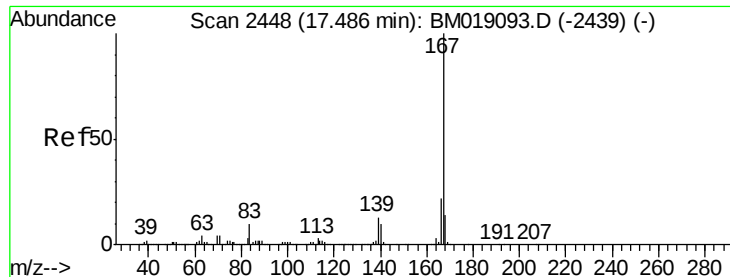
176 18.3 14.6 22.0

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

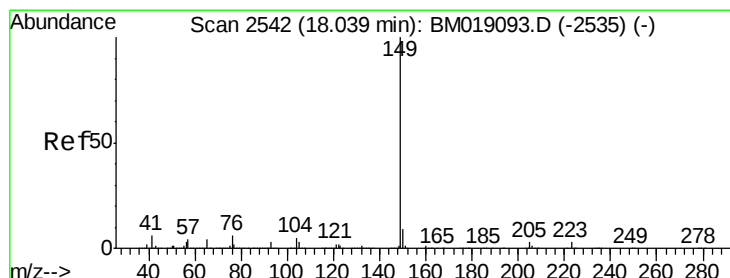
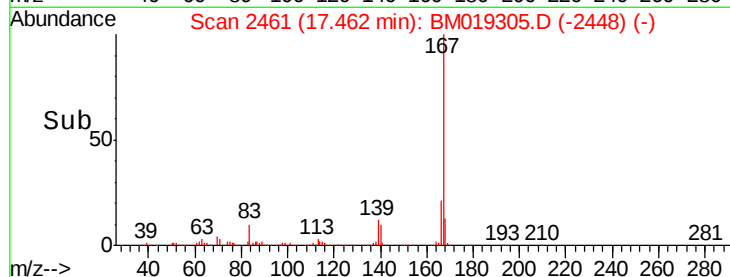
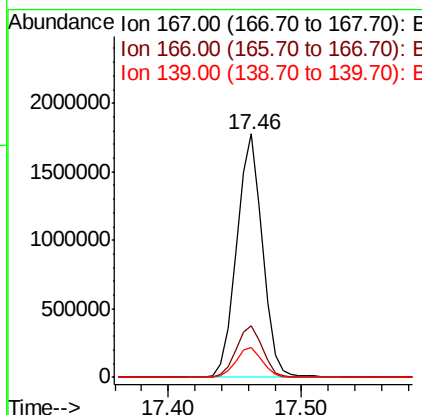
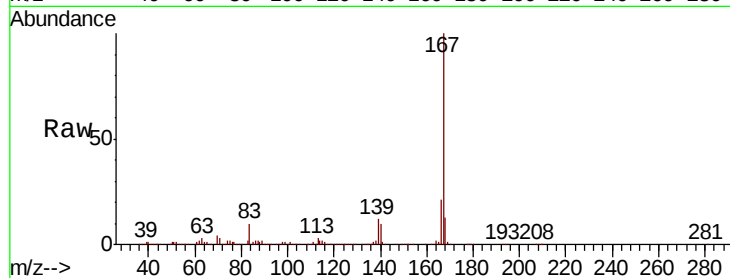




#73
 Carbazole
 Concen: 41.785 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. -0.02 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

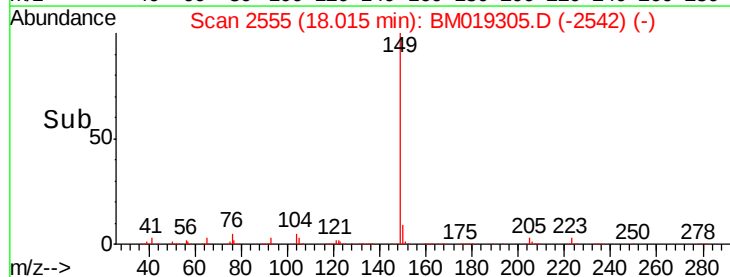
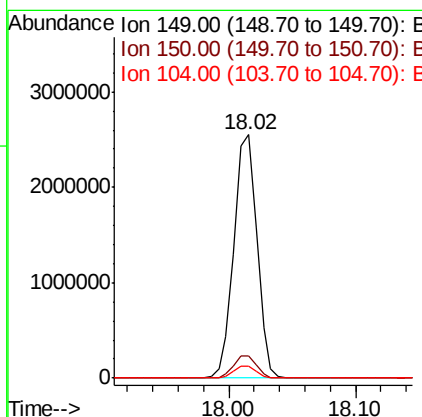
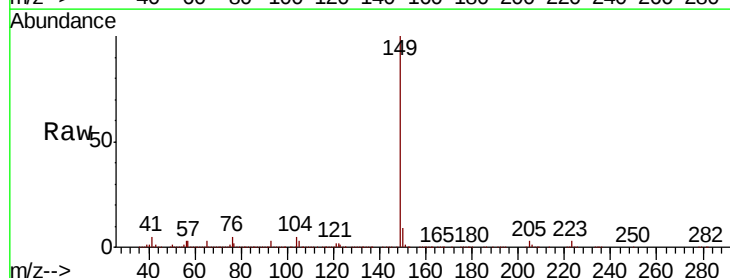
Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMPMSD

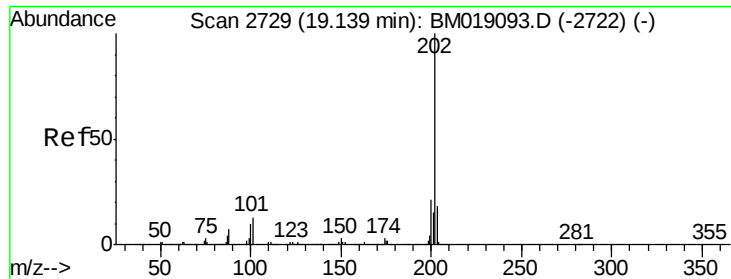
Tgt Ion:167 Resp: 2381827
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.8 26.8
 139 12.3 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 46.371 ng
 RT: 18.02 min Scan# 2555
 Delta R.T. -0.02 min
 Lab File: BM019305.D
 Acq: 21 Mar 2019 23:58

Tgt Ion:149 Resp: 3196315
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.9 4.2 6.4





#75

Fluoranthene

Concen: 38.026 ng

RT: 19.12 min Scan# 2742

Delta R.T. -0.02 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

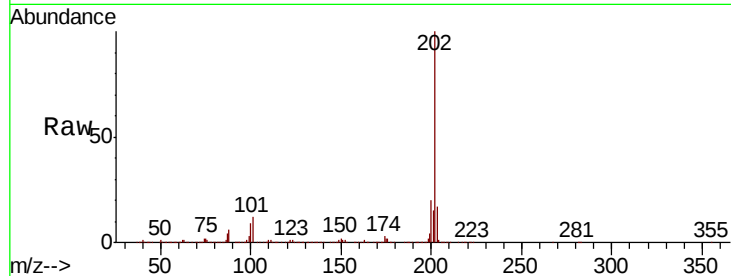
Tgt Ion:202 Resp: 2691834

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.0

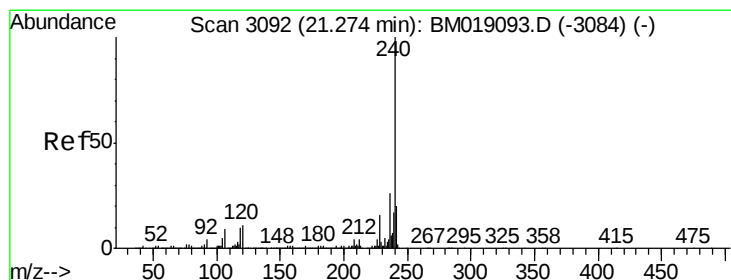
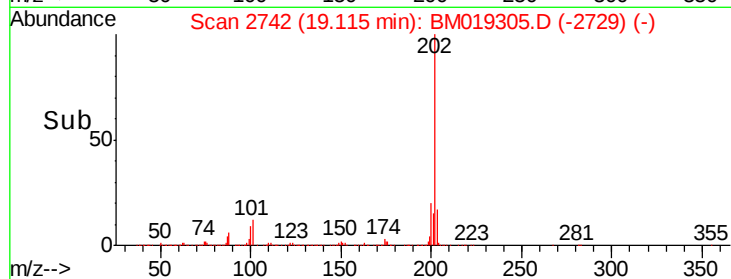
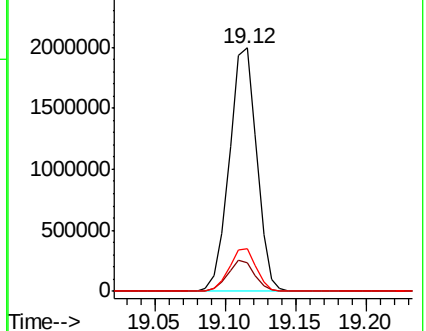
203 17.4 0.0 37.8



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: 21.25 min Scan# 3105

Delta R.T. -0.02 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

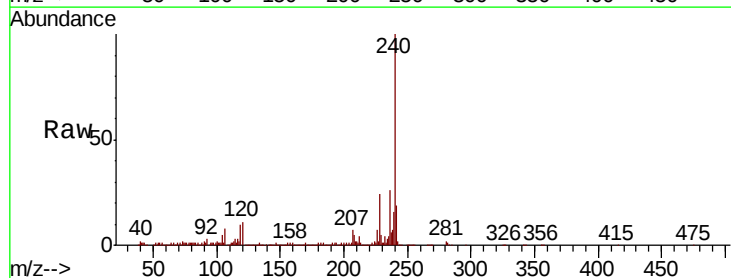
Tgt Ion:240 Resp: 770869

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

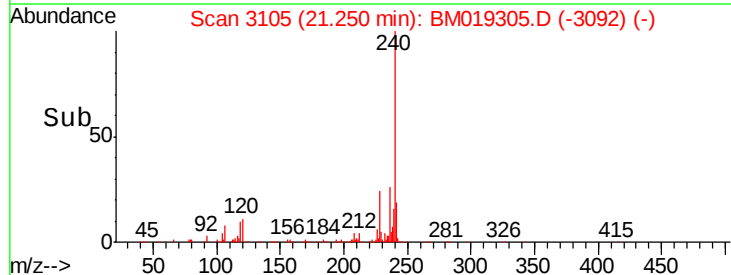
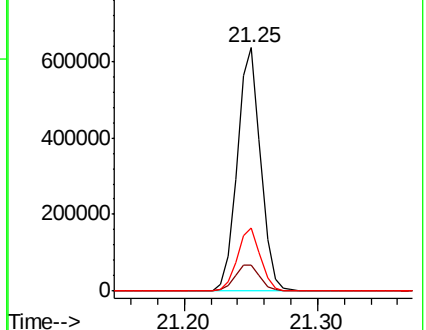
236 25.7 21.0 31.4

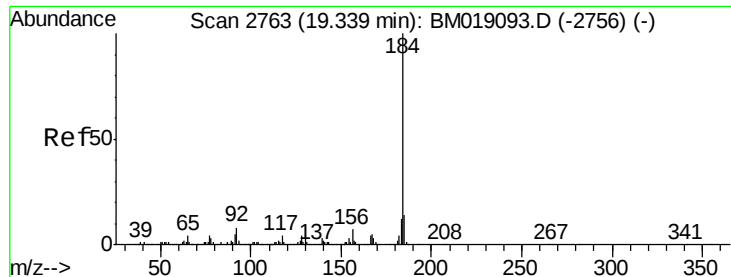


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.840 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.02 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

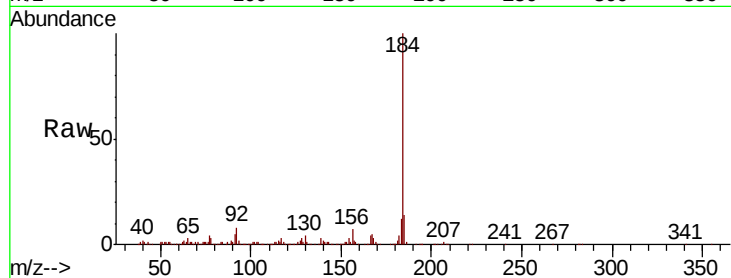
Tgt Ion:184 Resp: 1067747

Ion Ratio Lower Upper

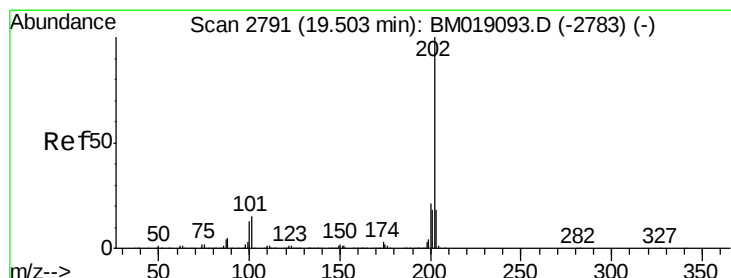
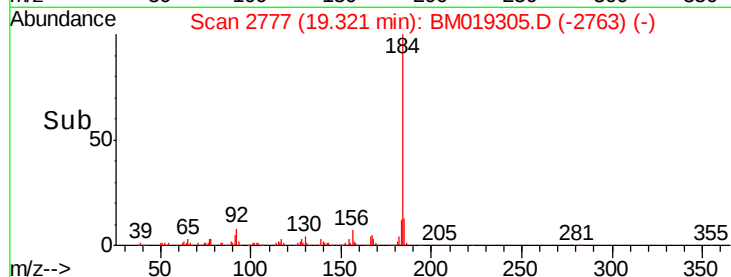
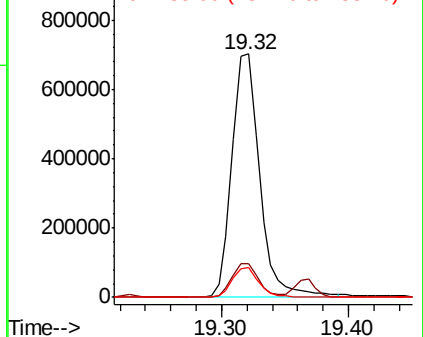
184 100

185 13.8 11.0 16.4

183 12.2 9.8 14.6



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



#78

Pyrene

Concen: 53.913 ng

RT: 19.48 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

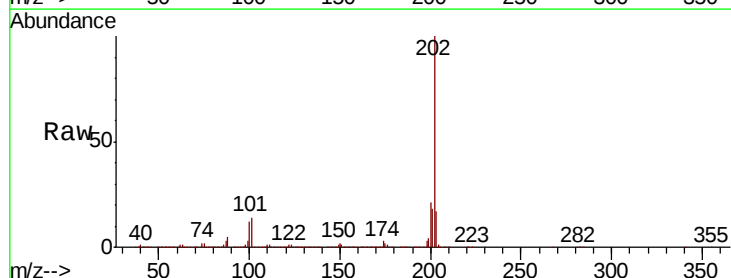
Tgt Ion:202 Resp: 2629549

Ion Ratio Lower Upper

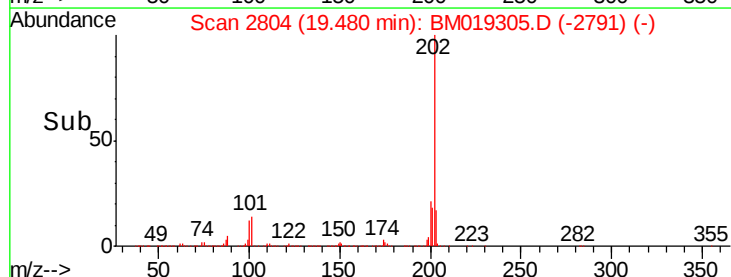
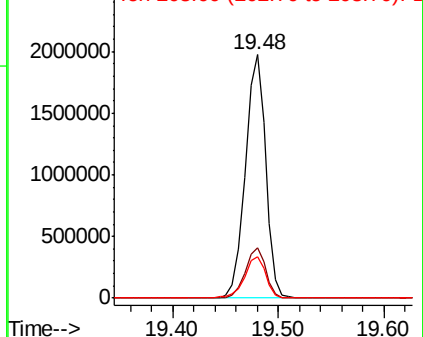
202 100

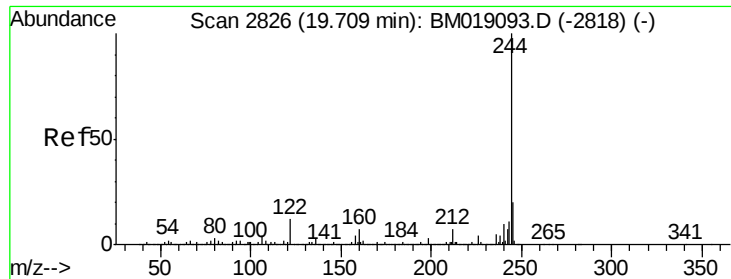
200 20.6 16.9 25.3

203 17.2 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: 101.904 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

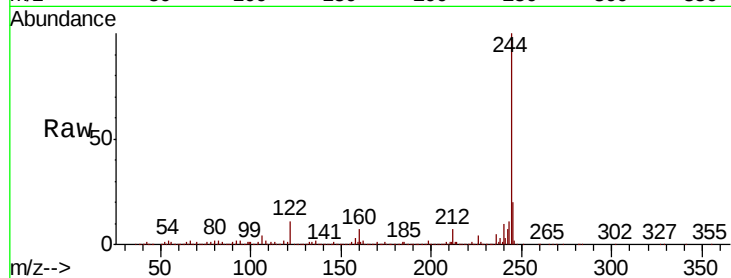
Tgt Ion:244 Resp: 3956979

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

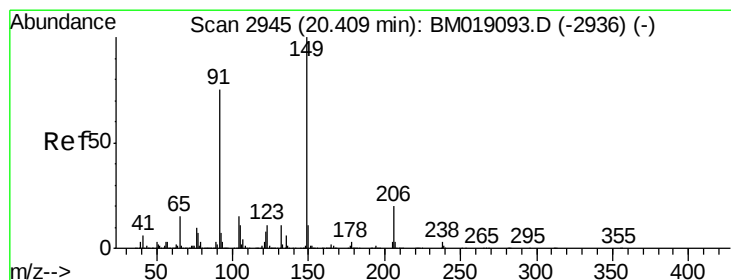
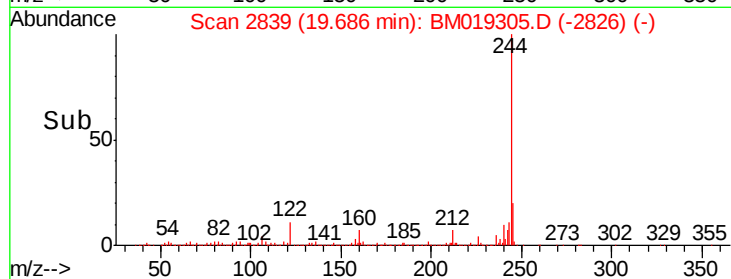
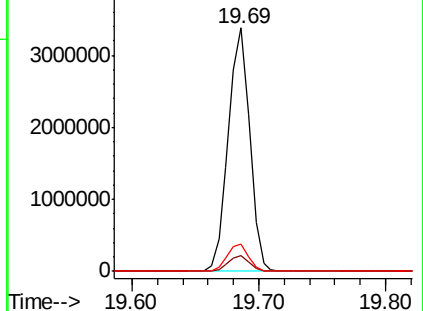
122 11.0 9.4 14.2



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: 53.158 ng

RT: 20.39 min Scan# 2958

Delta R.T. -0.02 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

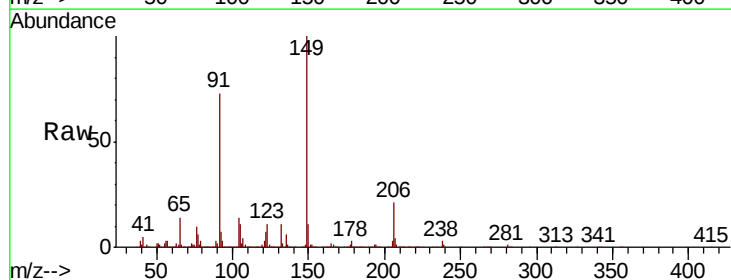
Tgt Ion:149 Resp: 1129269

Ion Ratio Lower Upper

149 100

91 72.5 60.1 90.1

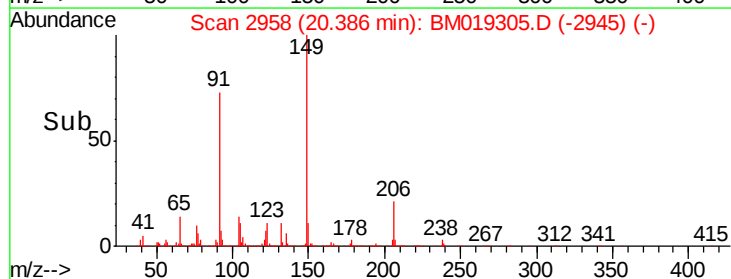
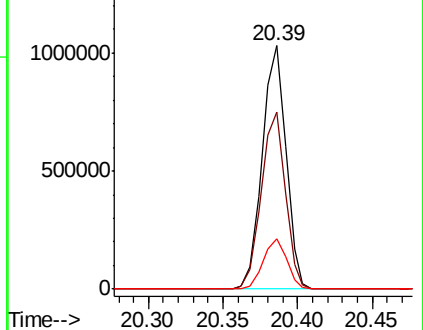
206 20.6 16.2 24.2

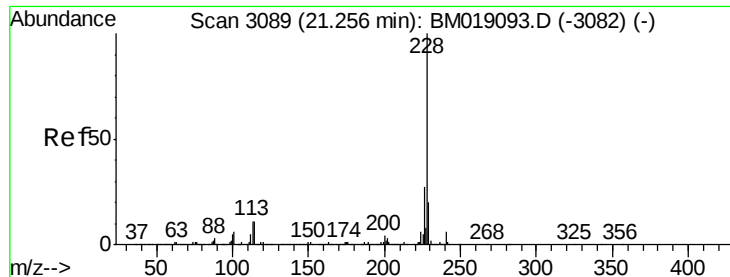


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.292 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

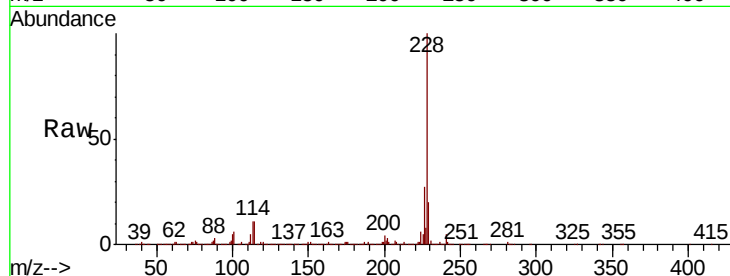
BNA_M

ClientSampleId :

S-1(2-10)-COMPMSD

Tgt Ion:228 Resp: 2142005

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.8
229	19.8	15.8	23.6

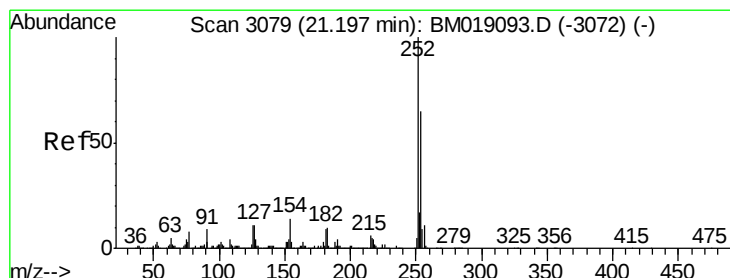
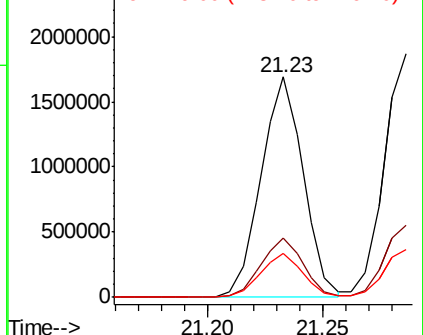
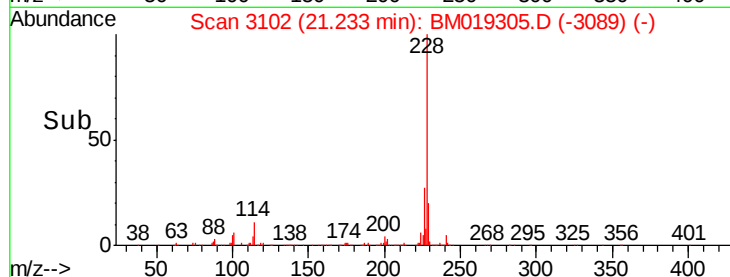


Abundance

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: 30.421 ng

RT: 21.17 min Scan# 3092

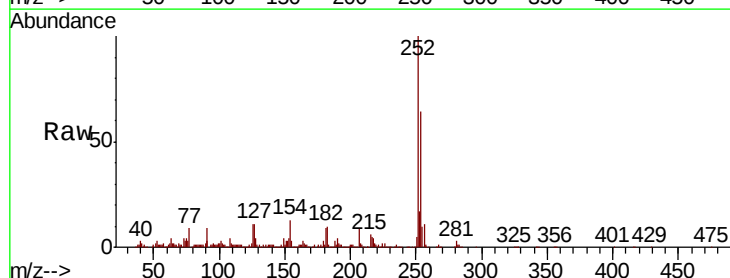
Delta R.T. -0.02 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Tgt Ion:252 Resp: 566754

Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.4	78.6
126	10.5	9.0	13.6

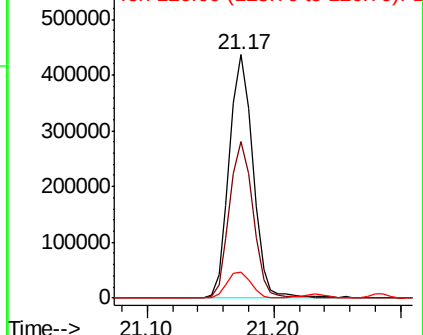
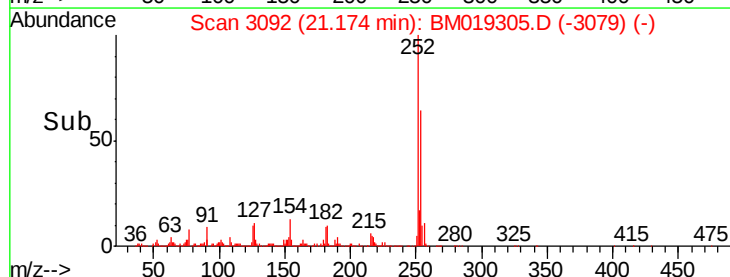


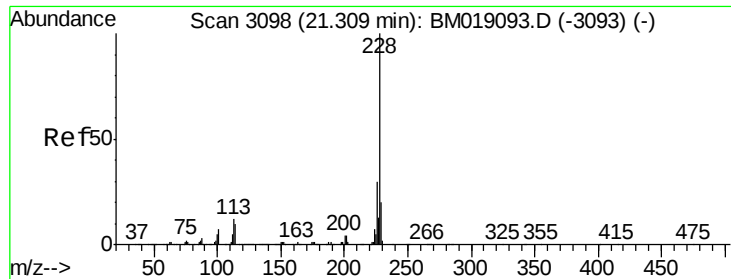
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

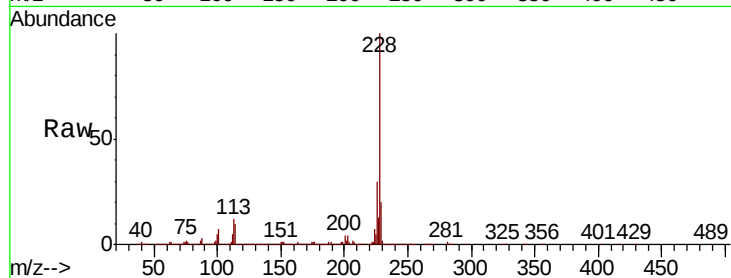




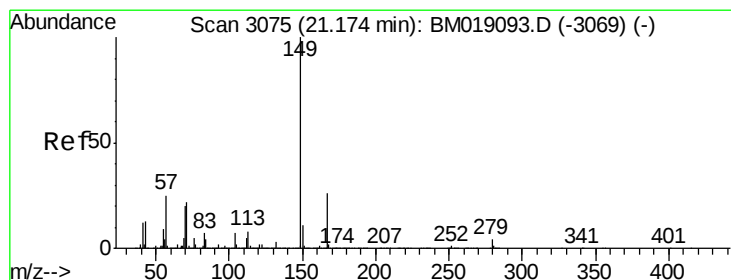
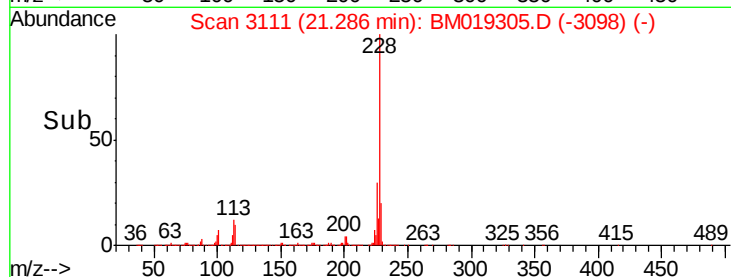
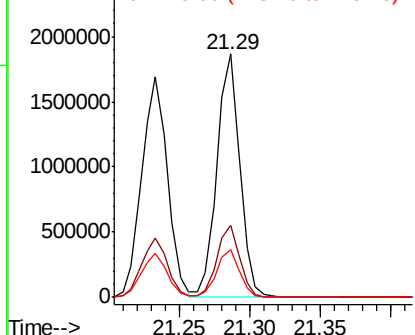
#83
Chrysene
Concen: 44.964 ng
RT: 21.29 min Scan# 3111
Delta R.T. -0.02 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

Instrument :
BNA_M
ClientSampleId :
S-1(2-10)-COMPMSD

Tgt Ion:228 Resp: 2103734
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 19.7 15.7 23.5

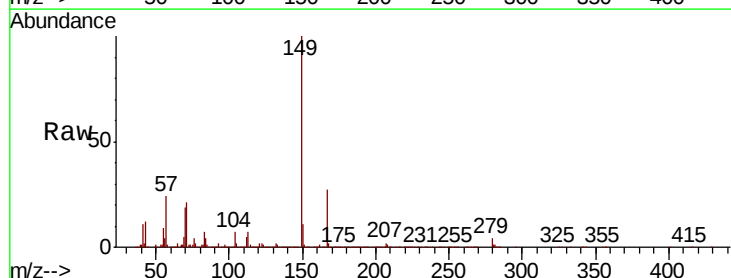


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

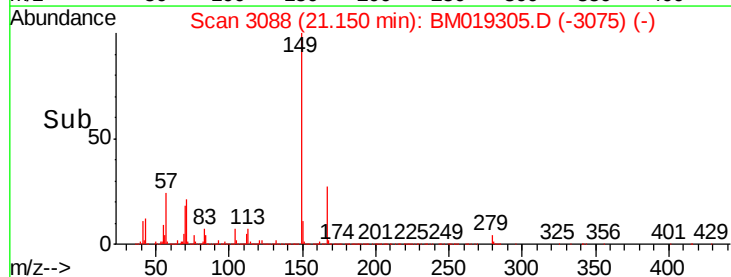
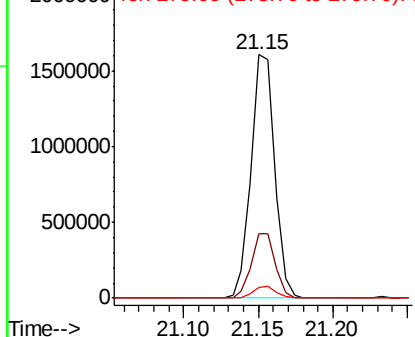


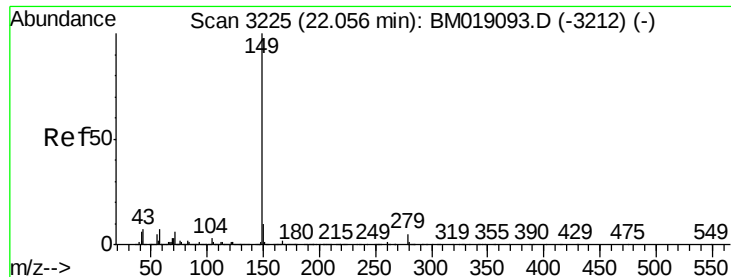
#84
Bis(2-ethylhexyl)phthalate
Concen: 56.482 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM019305.D
Acq: 21 Mar 2019 23:58

Tgt Ion:149 Resp: 1745627
Ion Ratio Lower Upper
149 100
167 26.5 21.1 31.7
279 4.2 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: 50.713 ng

RT: 22.03 min Scan# 3237

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

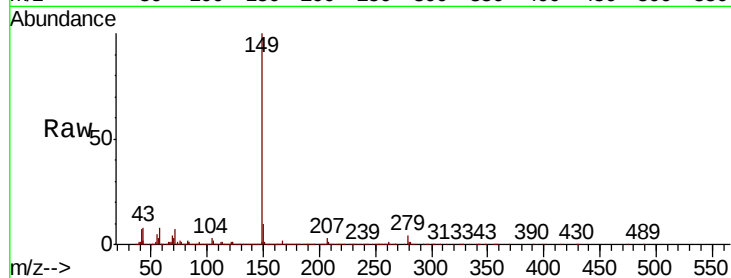
Tgt Ion:149 Resp: 2639242

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

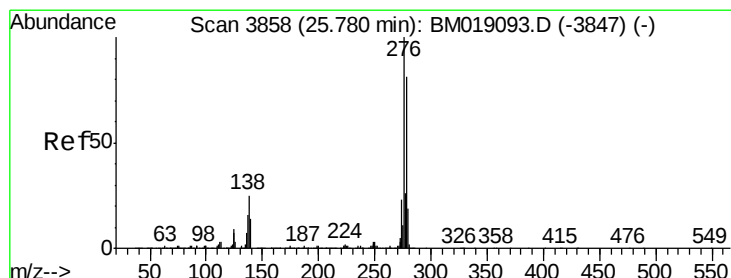
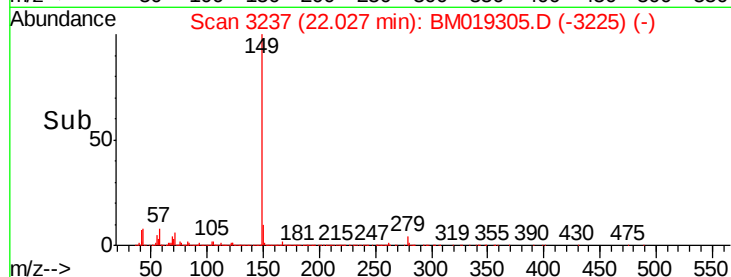
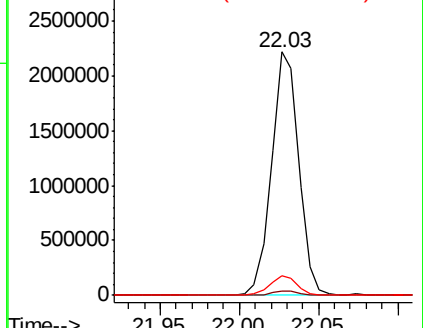
43 7.8 6.1 9.1



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: 58.169 ng

RT: 25.73 min Scan# 3867

Delta R.T. -0.05 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

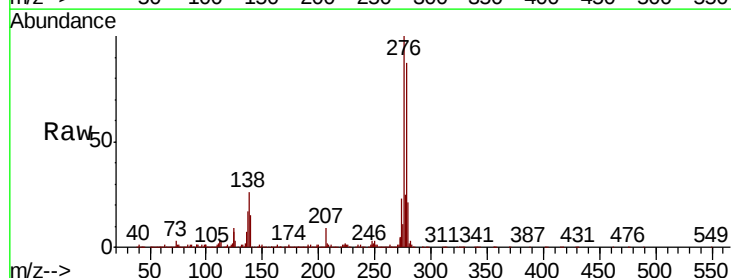
Tgt Ion:276 Resp: 2929647

Ion Ratio Lower Upper

276 100

138 24.5 19.8 29.8

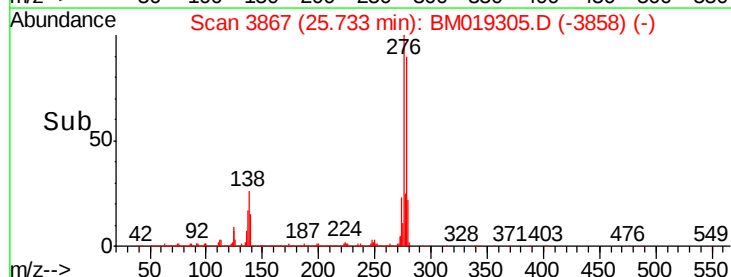
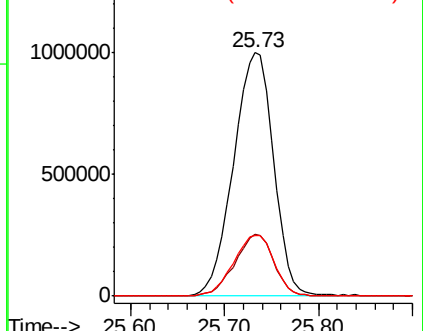
277 25.3 20.3 30.5

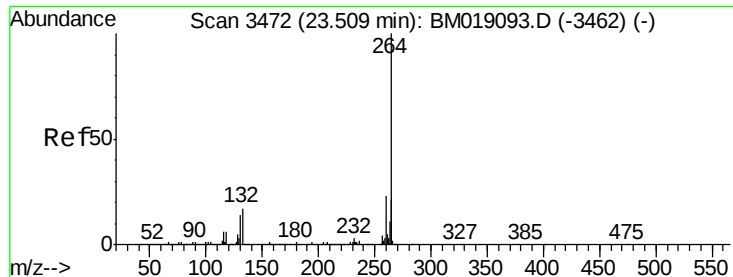


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.47 min Scan# 3483

Delta R.T. -0.04 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

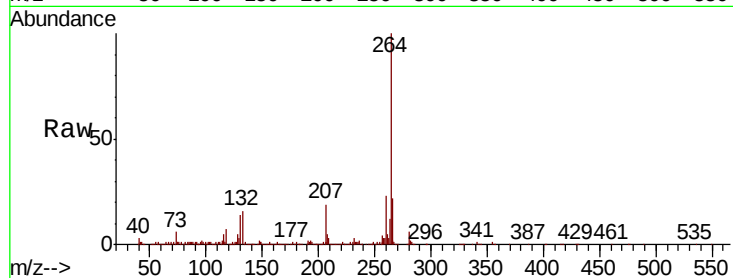
Tgt Ion:264 Resp: 843251

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.7 17.3 25.9

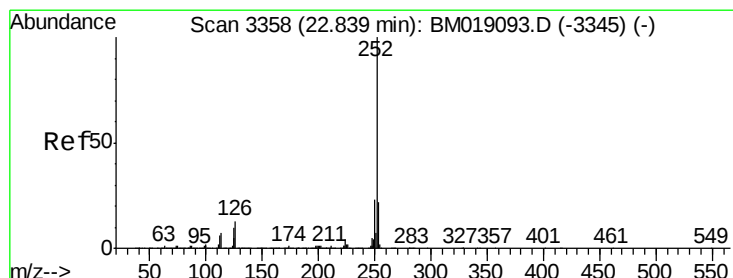
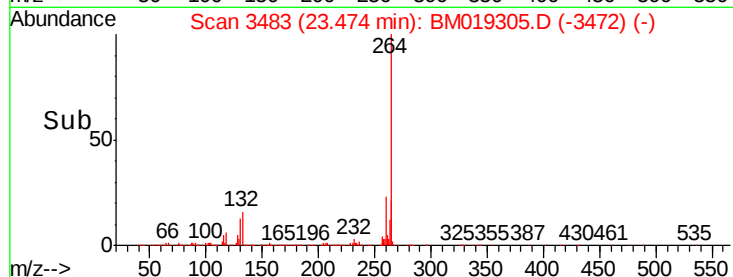
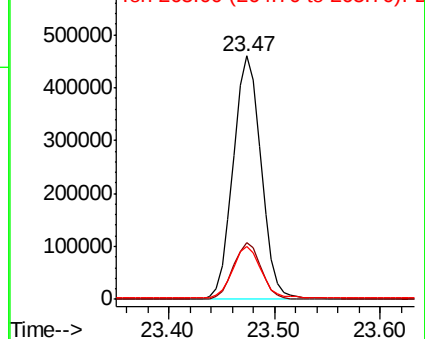


Abundance

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: 42.354 ng

RT: 22.81 min Scan# 3370

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

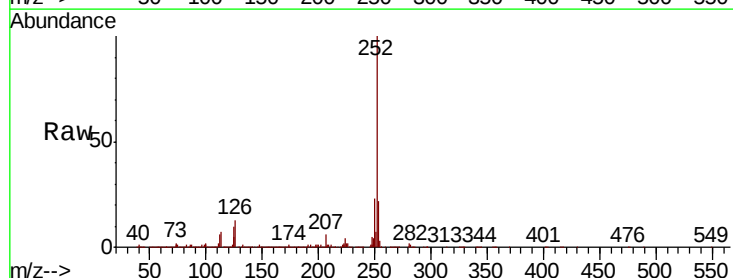
Tgt Ion:252 Resp: 2314237

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.1 8.1 12.1

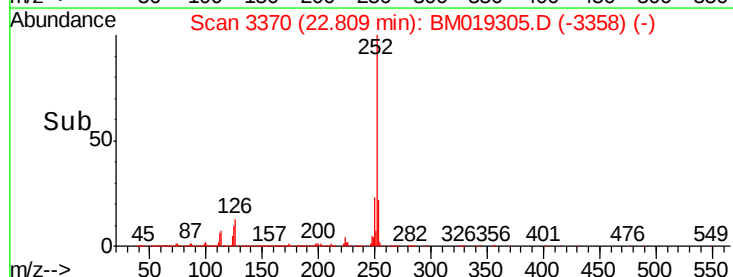
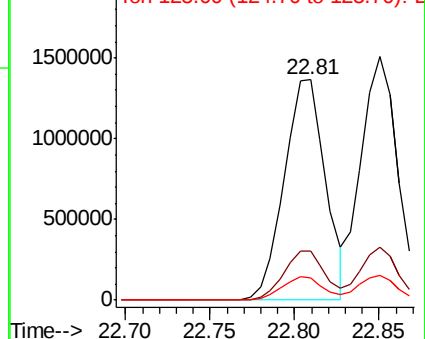


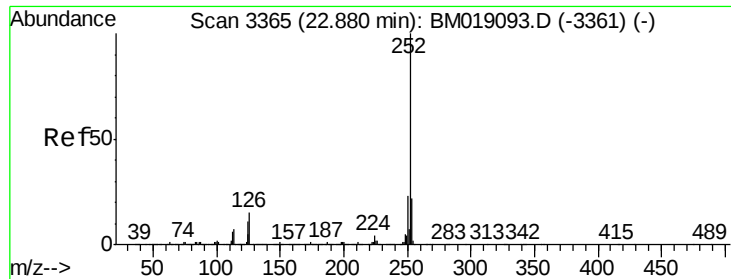
Abundance

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: 45.425 ng

RT: 22.85 min Scan# 3377

Delta R.T. -0.03 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

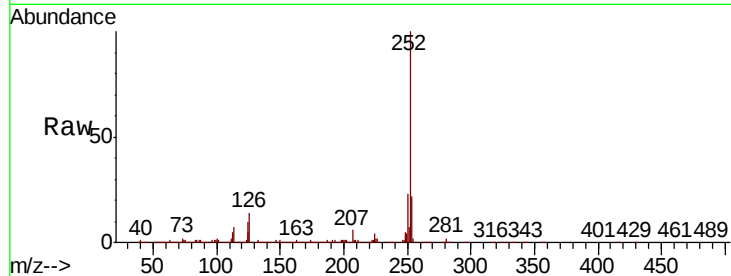
Tgt Ion:252 Resp: 2282934

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

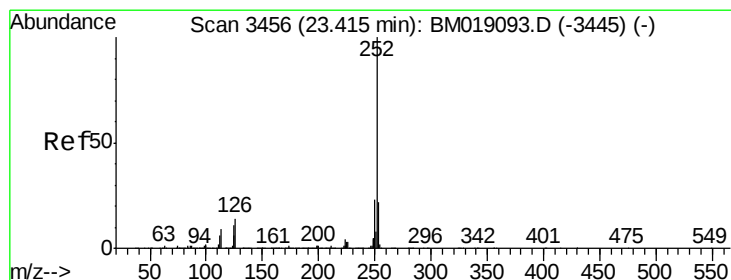
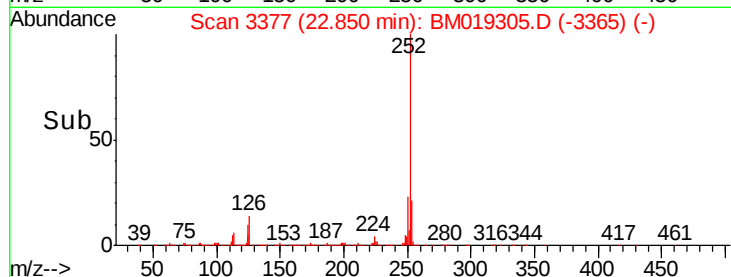
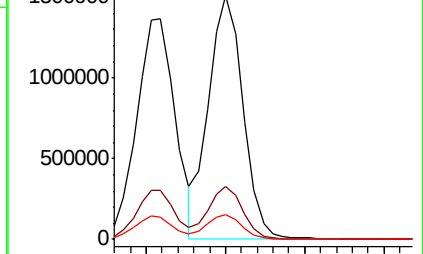
125 10.1 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.506 ng

RT: 23.38 min Scan# 3467

Delta R.T. -0.04 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

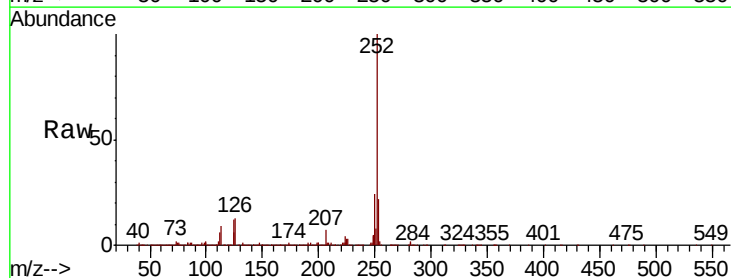
Tgt Ion:252 Resp: 2283632

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

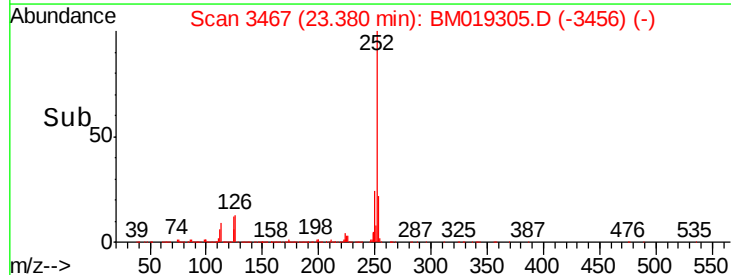
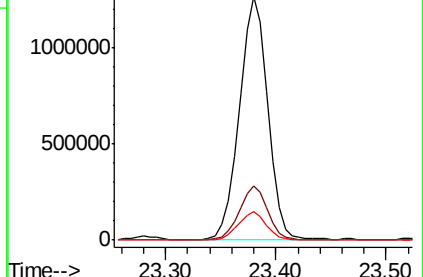
125 11.7 9.2 13.8

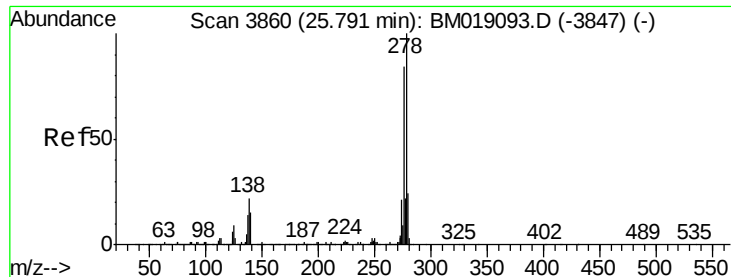


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 53.302 ng

RT: 25.74 min Scan# 3868

Delta R.T. -0.05 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMPMSSD

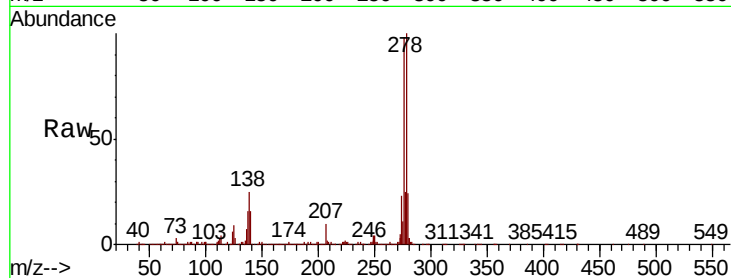
Tgt Ion:278 Resp: 2503753

Ion Ratio Lower Upper

278 100

139 16.0 12.3 18.5

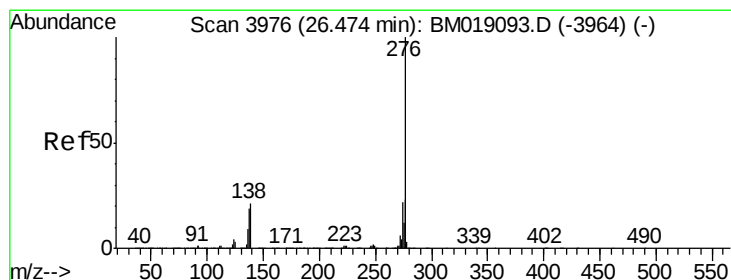
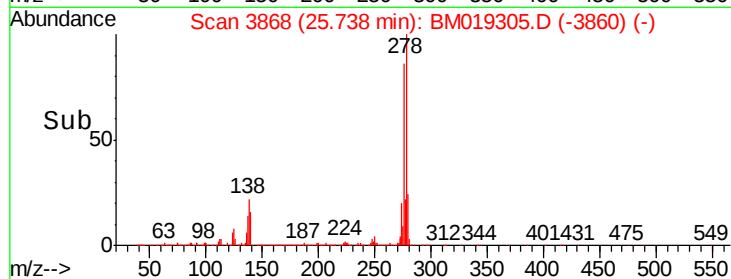
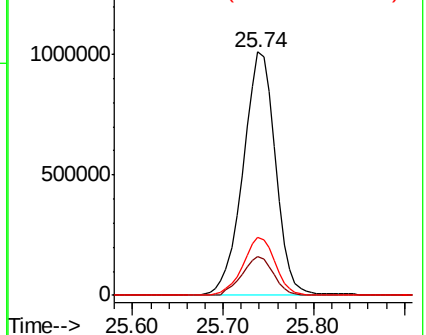
279 23.6 18.9 28.3



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: 56.006 ng

RT: 26.43 min Scan# 3985

Delta R.T. -0.05 min

Lab File: BM019305.D

Acq: 21 Mar 2019 23:58

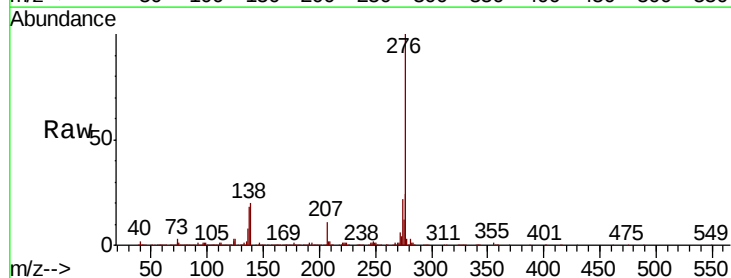
Tgt Ion:276 Resp: 2415263

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 19.8 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

