

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019276.D
 Acq On : 20 Mar 2019 23:48
 Operator : JU/SJ
 Sample : PB118092BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 21 17:16:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	175800	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	821844	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	508545	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1122636	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1034878	20.00	ng	0.00
87) Perylene-d12	23.47	264	861832	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	825306	76.03	ng	0.00
7) Phenol-d6	6.82	99	1294762	81.54	ng	0.00
23) Nitrobenzene-d5	8.80	82	1394744	80.22	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	642645	85.59	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	3125409	79.94	ng	0.00
79) Terphenyl-d14	19.69	244	5340849	102.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	172019	35.622	ng	98
3) Pyridine	3.60	79	558138	42.483	ng	99
4) n-Nitrosodimethylamine	3.52	42	156059	38.209	ng	98
6) Aniline	6.98	93	872053	42.539	ng	98
8) 2-Chlorophenol	7.20	128	525719	40.301	ng	99
9) Benzaldehyde	6.80	77	322206	32.261	ng	99
10) Phenol	6.85	94	728876	42.594	ng	99
11) bis(2-Chloroethyl)ether	7.07	93	525424	40.239	ng	97
12) 1,3-Dichlorobenzene	7.52	146	556289	40.297	ng	98
13) 1,4-Dichlorobenzene	7.67	146	565447	40.176	ng	99
14) 1,2-Dichlorobenzene	7.98	146	560245	40.915	ng	100
15) Benzyl Alcohol	7.89	79	554693	42.210	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.16	45	537326	40.301	ng	99
17) 2-Methylphenol	8.08	107	482096	43.233	ng	98
18) Hexachloroethane	8.69	117	206690	39.522	ng	100
19) n-Nitroso-di-n-propylamine	8.45	70	554574	42.573	ng	99
20) 3+4-Methylphenols	8.41	107	679608	44.899	ng	98
22) Acetophenone	8.46	105	918226	40.429	ng	# 99
24) Nitrobenzene	8.85	77	748688	41.406	ng	99
25) Isophorone	9.36	82	1413013	42.592	ng	99
26) 2-Nitrophenol	9.55	139	322418	43.017	ng	95
27) 2,4-Dimethylphenol	9.60	122	532296	47.771	ng	100
28) bis(2-Chloroethoxy)methane	9.85	93	815029	41.490	ng	99
29) 2,4-Dichlorophenol	10.07	162	559732	45.357	ng	99
30) 1,2,4-Trichlorobenzene	10.28	180	591683	42.521	ng	100
31) Naphthalene	10.47	128	1811005	41.808	ng	100
32) Benzoic acid	9.79	122	353722	37.483	ng	97
33) 4-Chloroaniline	10.60	127	802855	45.214	ng	100
34) Hexachlorobutadiene	10.73	225	317122	39.713	ng	100
35) Caprolactam	11.43	113	85769	19.511	ng	98
36) 4-Chloro-3-methylphenol	11.73	107	673668	44.242	ng	99
37) 2-Methylnaphthalene	12.09	142	1385434	44.013	ng	100
38) 1-Methylnaphthalene	12.31	142	1316409	42.429	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	666025	41.403	ng	99

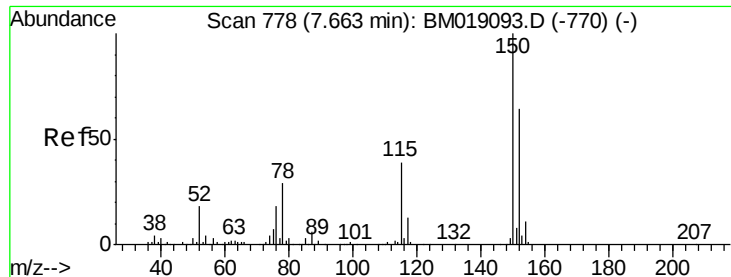
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019276.D
 Acq On : 20 Mar 2019 23:48
 Operator : JU/SJ
 Sample : PB118092BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 21 17:16:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	662564	90.929	ng	100
43) 2,4,6-Trichlorophenol	12.71	196	470167	45.226	ng	97
44) 2,4,5-Trichlorophenol	12.79	196	490422	44.116	ng	100
46) 1,1'-Biphenyl	13.12	154	1783615	40.161	ng	100
47) 2-Chloronaphthalene	13.16	162	1403567	42.339	ng	100
48) 2-Nitroaniline	13.39	65	473236	42.566	ng	99
49) Acenaphthylene	14.02	152	2310903	41.227	ng	100
50) Dimethylphthalate	13.76	163	1801639	41.413	ng	100
51) 2,6-Dinitrotoluene	13.89	165	400646	42.603	ng	100
52) Acenaphthene	14.36	154	1322333	41.056	ng	99
53) 3-Nitroaniline	14.23	138	408068	40.970	ng	99
54) 2,4-Dinitrophenol	14.44	184	393718	72.090	ng	99
55) Dibenzofuran	14.69	168	2187135	42.107	ng	99
56) 4-Nitrophenol	14.54	139	625794	76.952	ng	99
57) 2,4-Dinitrotoluene	14.69	165	565758	41.444	ng	98
58) Fluorene	15.34	166	1783913	41.666	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.92	232	449039	43.389	ng	99
60) Diethylphthalate	15.13	149	1843104	41.832	ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	882452	42.437	ng	99
62) 4-Nitroaniline	15.40	138	398444	39.695	ng	98
63) Azobenzene	15.64	77	1947846	42.013	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	287789	39.120	ng	98
66) n-Nitrosodiphenylamine	15.57	169	1534974	42.947	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	527596	42.617	ng	99
68) Hexachlorobenzene	16.34	284	633676	43.054	ng	98
69) Atrazine	16.53	200	404415	33.614	ng	99
70) Pentachlorophenol	16.70	266	714062	80.525	ng	100
71) Phenanthrene	17.09	178	2712333	41.220	ng	100
72) Anthracene	17.18	178	2761916	42.875	ng	99
73) Carbazole	17.46	167	2456110	40.397	ng	100
74) Di-n-butylphthalate	18.02	149	3181795	43.277	ng	100
75) Fluoranthene	19.12	202	2997365	39.697	ng	99
77) Benzidine	19.32	184	2821698	96.140	ng	100
78) Pyrene	19.48	202	3041483	46.451	ng	100
80) Butylbenzylphthalate	20.39	149	1442529	50.581	ng	99
81) Benzo(a)anthracene	21.23	228	2711226	41.760	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1054205	42.150	ng	100
83) Chrysene	21.29	228	2512499	40.001	ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	2099910	50.611	ng	100
85) Di-n-octyl phthalate	22.03	149	3350485	47.956	ng	100
86) Indeno(1,2,3-cd)pyrene	25.73	276	2499509	36.968	ng	100
88) Benzo(b)fluoranthene	22.80	252	2365999	42.367	ng	98
89) Benzo(k)fluoranthene	22.85	252	2333137	45.423	ng	100
90) Benzo(a)pyrene	23.38	252	2197593	43.789	ng	99
91) Dibenzo(a,h)anthracene	25.74	278	2141289	44.603	ng	99
92) Benzo(g,h,i)perylene	26.42	276	2030650	46.072	ng	99

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

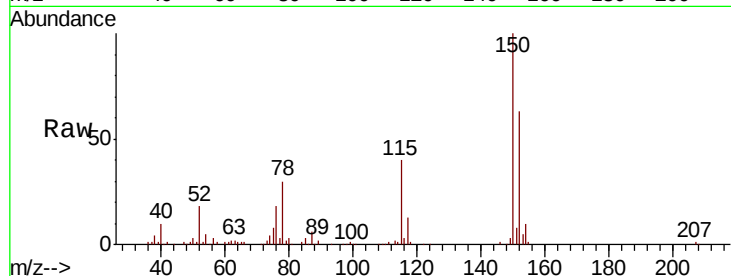


#1

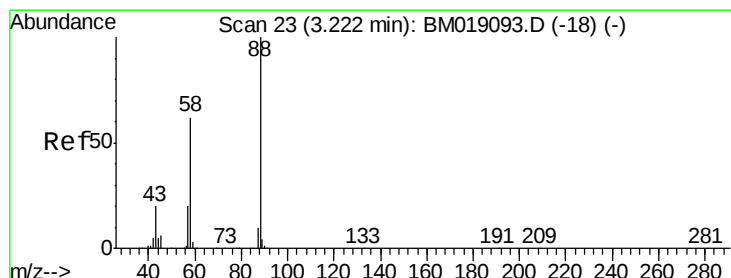
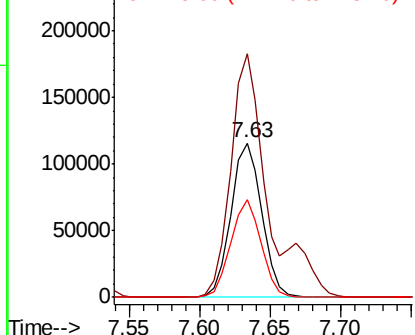
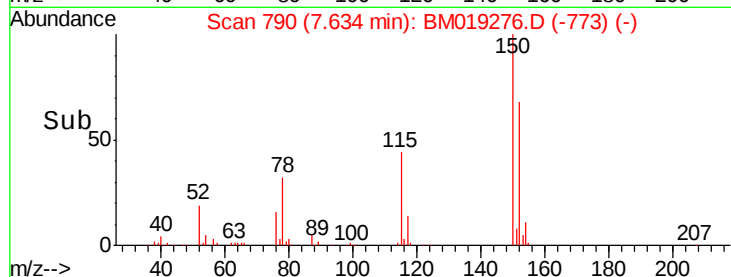
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 175800
Ion Ratio Lower Upper
152 100
150 157.9 123.8 185.6
115 63.7 48.9 73.3



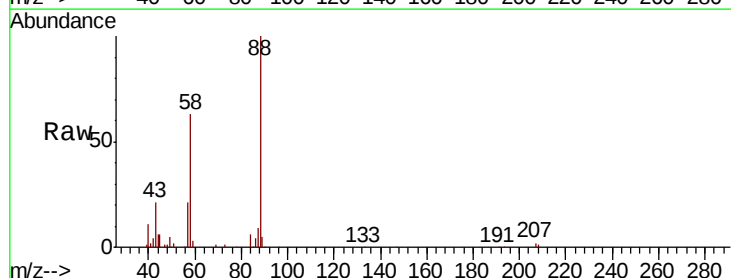
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



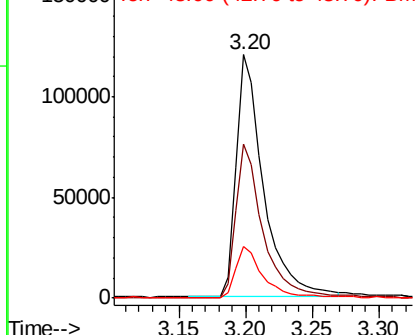
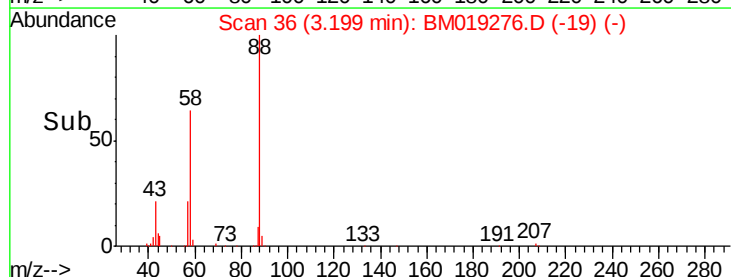
#2

1,4-Dioxane
Concen: 35.622 ng
RT: 3.20 min Scan# 36
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion: 88 Resp: 172019
Ion Ratio Lower Upper
88 100
58 63.3 49.5 74.3
43 21.9 17.2 25.8



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





#3

Pvridine

Concen: 42.483 ng

RT: 3.60 min Scan# 104

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampleId :

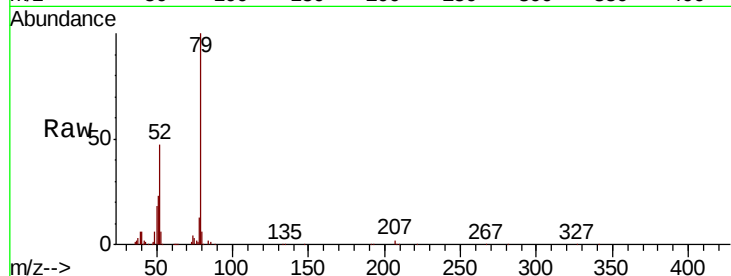
Tot Ion: 79 Resp: 558138

Ion Ratio Lower Upper

79 100

52 46.9 38.1 57.1

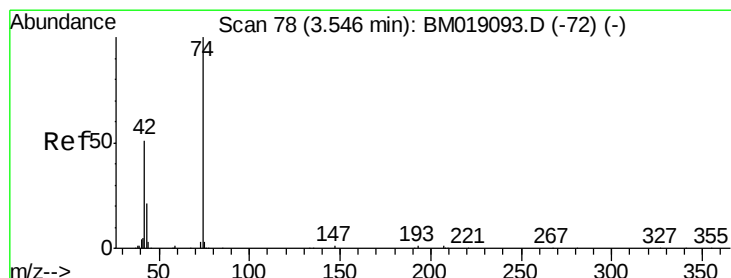
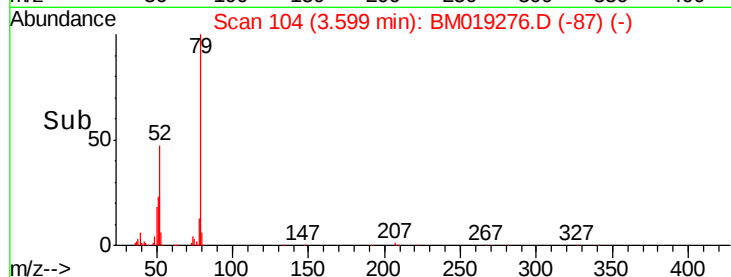
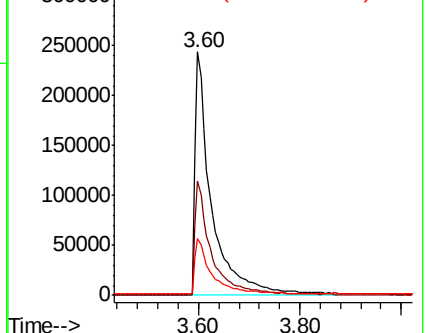
51 23.2 19.0 28.6



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

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

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



#4

n-Nitrosodimethylamine

Concen: 38.209 ng

RT: 3.52 min Scan# 91

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

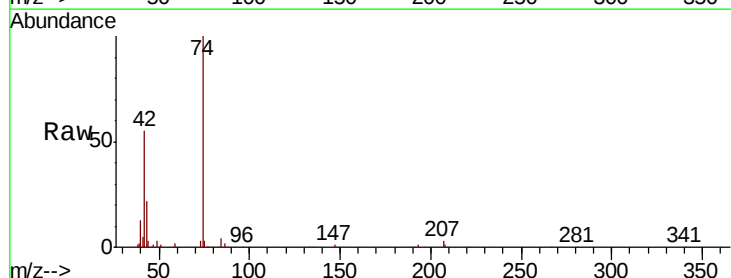
Tgt Ion: 42 Resp: 156059

Ion Ratio Lower Upper

42 100

74 183.1 148.6 222.8

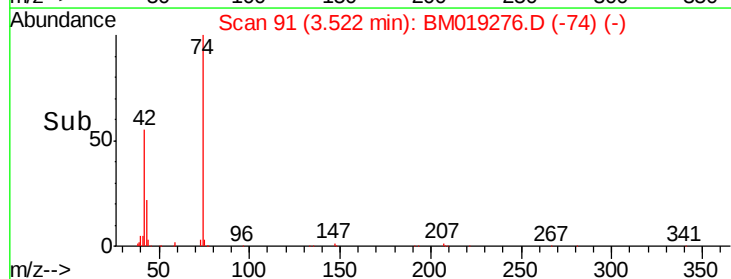
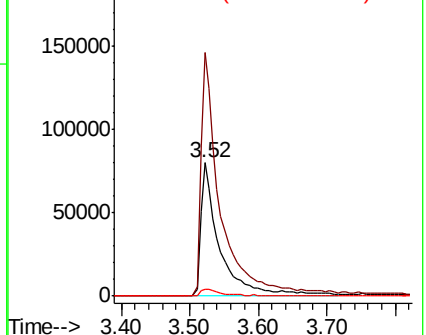
44 5.2 4.6 7.0

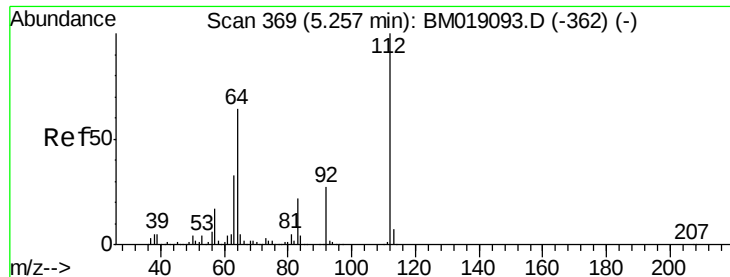


Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

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

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





#5

2-Fluorophenol

Concen: 76.028 ng

RT: 5.23 min Scan# 382

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampleId :

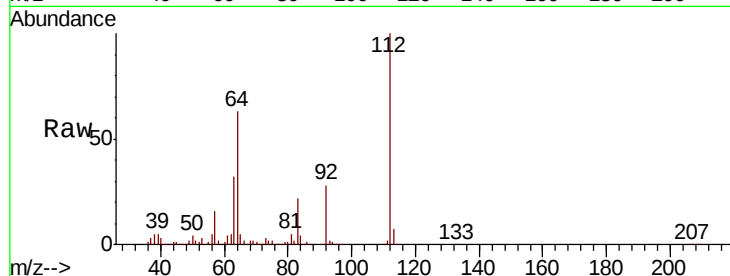
Tot Ion:112 Resp: 825306

Ion Ratio Lower Upper

112 100

64 63.1 50.6 75.8

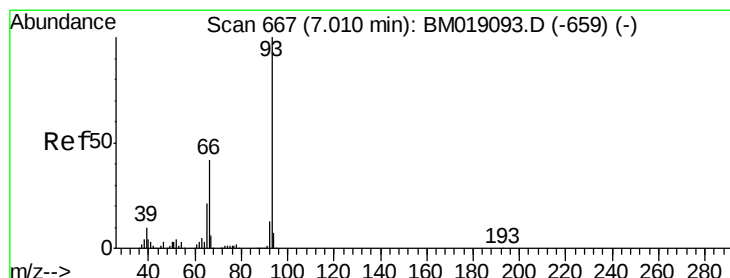
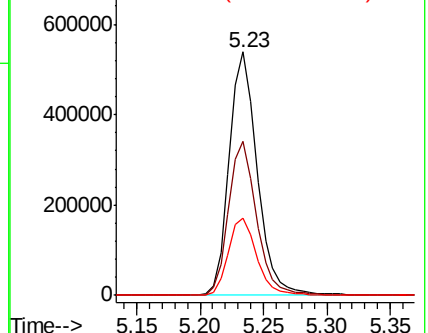
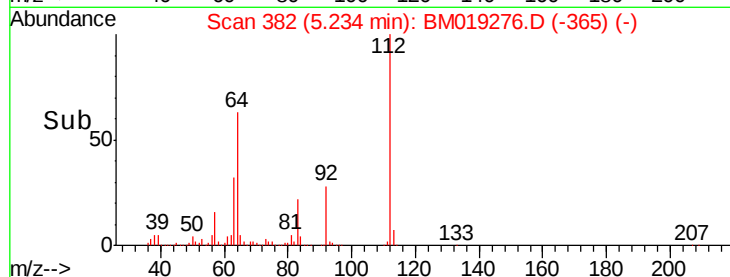
63 31.5 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 42.539 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

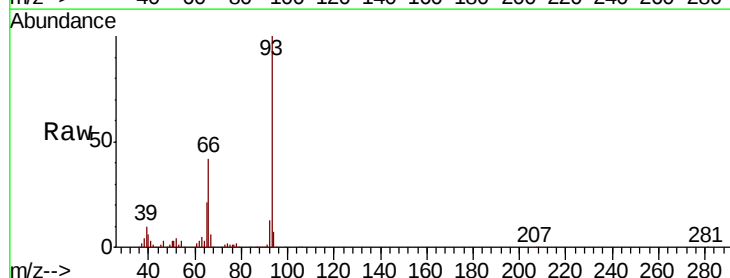
Tgt Ion: 93 Resp: 872053

Ion Ratio Lower Upper

93 100

66 42.1 32.8 49.2

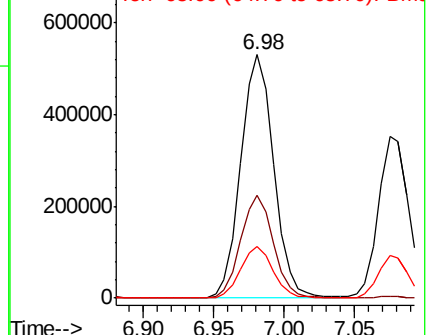
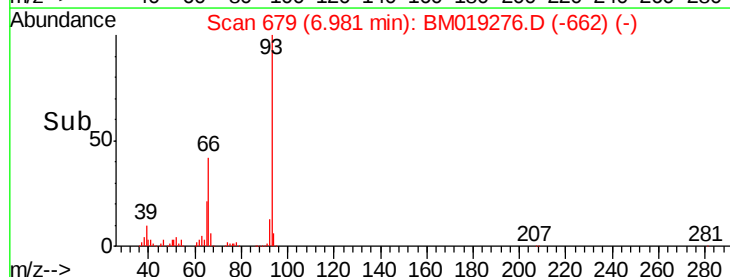
65 21.0 16.2 24.4

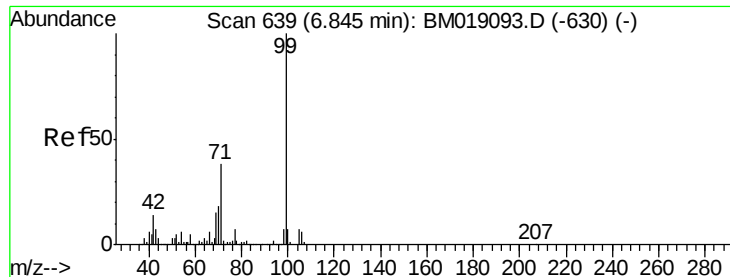


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 81.543 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampled :

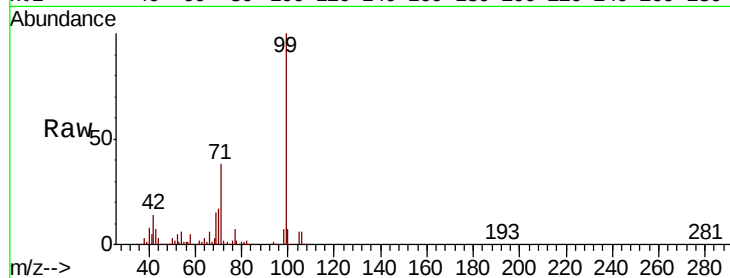
Tot Ion: 99 Resp: 1294762

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.6

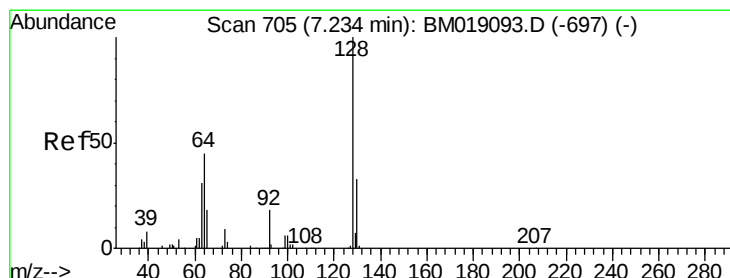
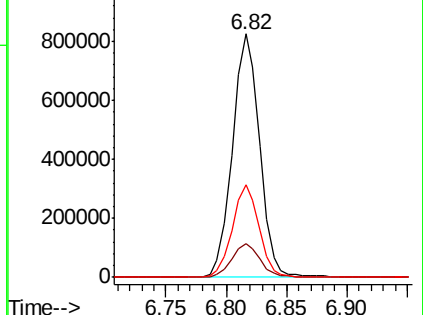
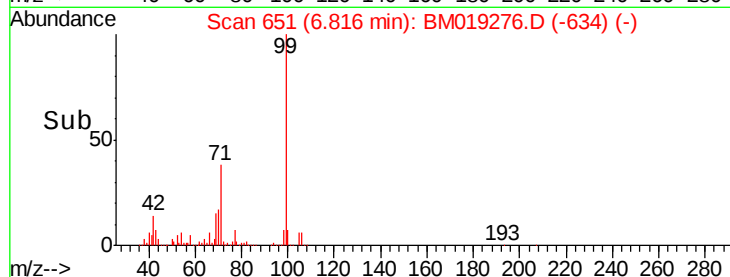
71 38.0 30.1 45.1



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: 40.301 ng

RT: 7.20 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

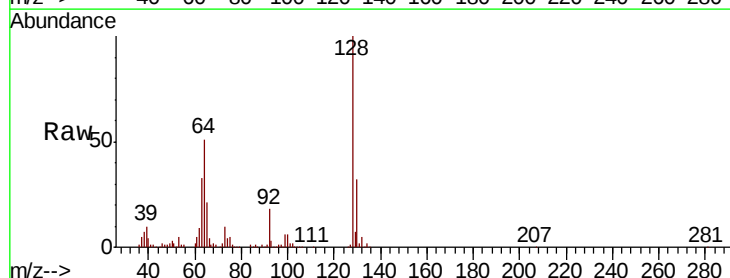
Tgt Ion: 128 Resp: 525719

Ion Ratio Lower Upper

128 100

130 31.6 11.7 51.7

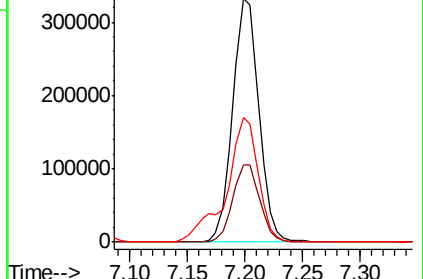
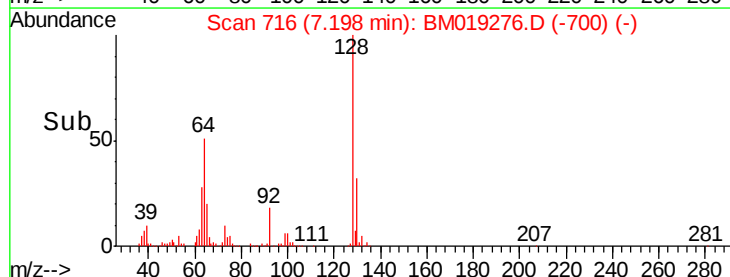
64 51.2 30.6 70.6

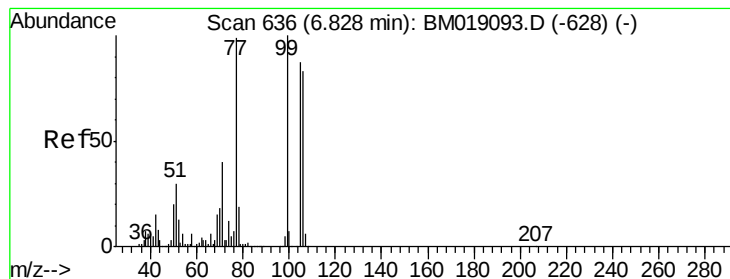


Abundance Ion 128.00 (127.70 to 128.70): BM019093.D (-697) (-)

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: 32.261 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampleId :

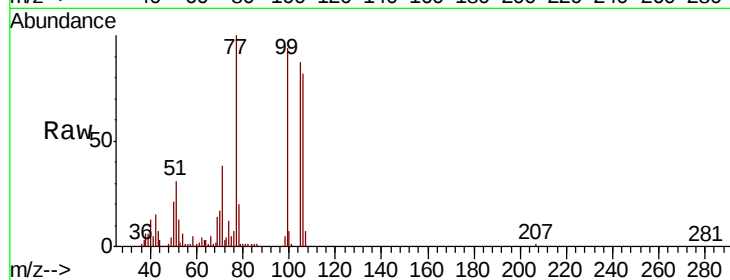
Tot Ion: 77 Resp: 322206

Ion Ratio Lower Upper

77 100

105 86.7 67.6 107.6

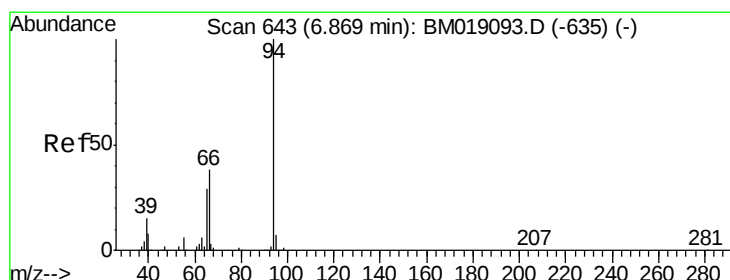
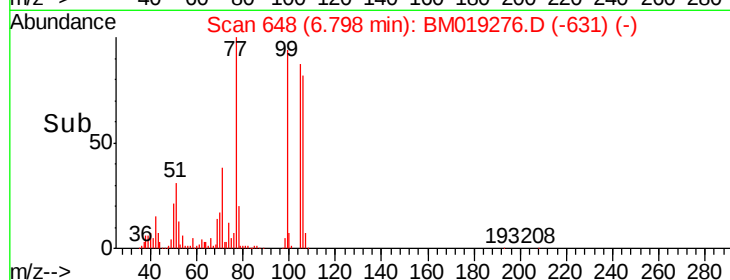
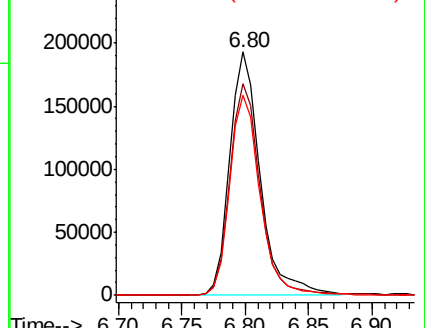
106 82.3 63.6 103.6



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

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

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



#10

Phenol

Concen: 42.594 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

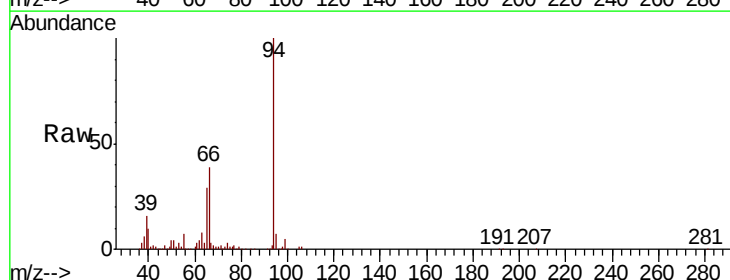
Tgt Ion: 94 Resp: 728876

Ion Ratio Lower Upper

94 100

65 29.3 9.2 49.2

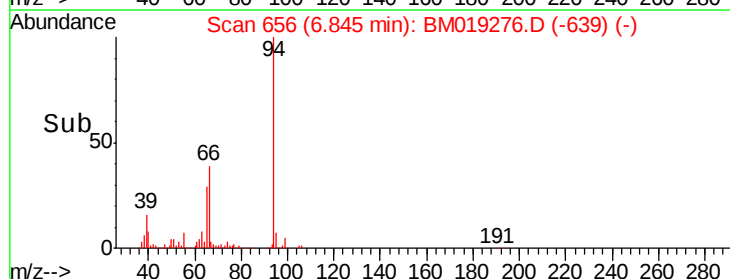
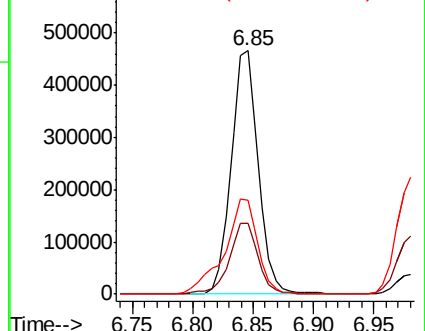
66 38.7 17.7 57.7

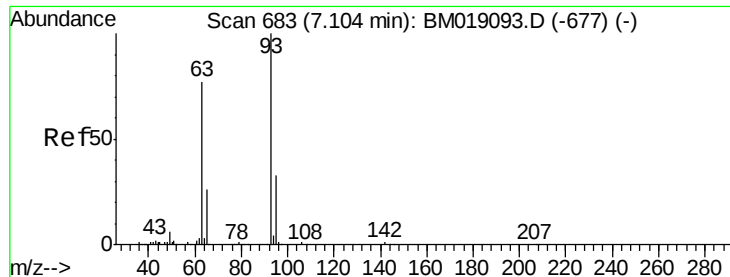


Abundance Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

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

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

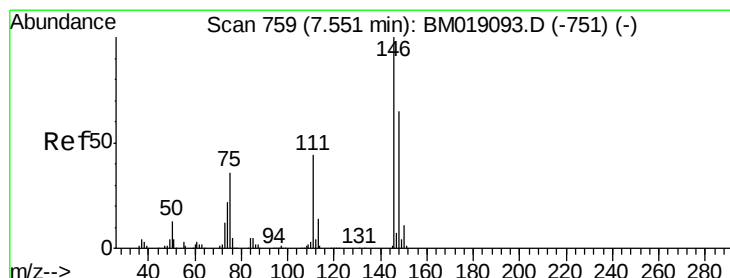
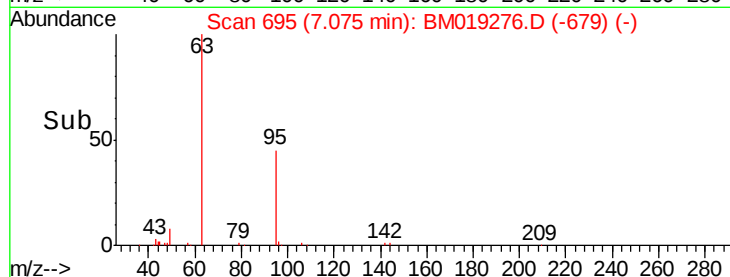
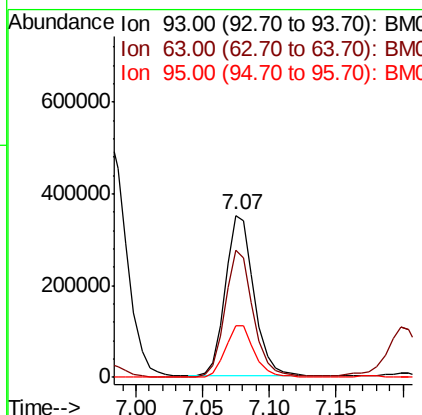
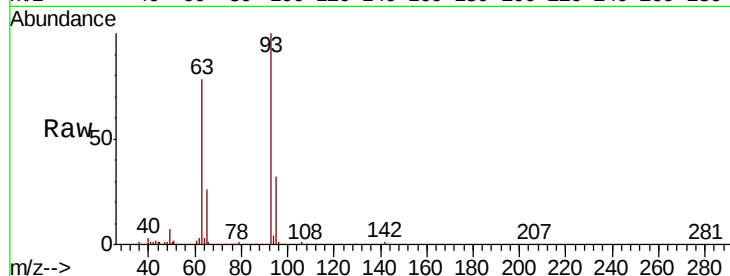




#11
bis(2-Chloroethyl)ether
Concen: 40.239 ng
RT: 7.07 min Scan# 695
Delta R.T. -0.01 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

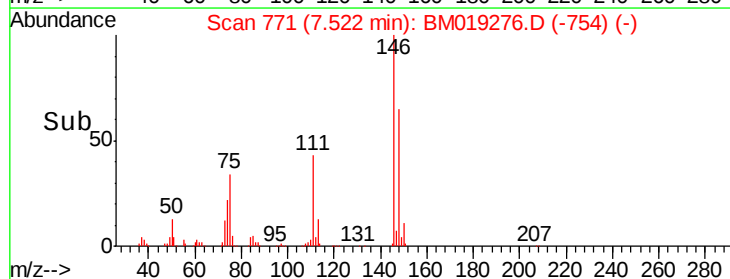
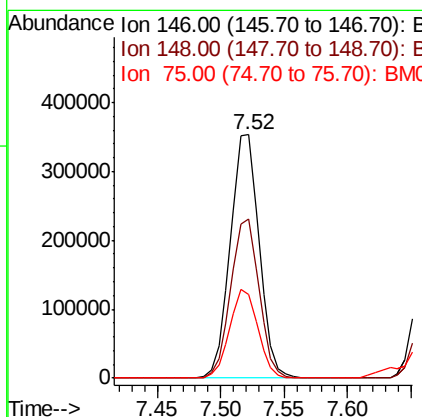
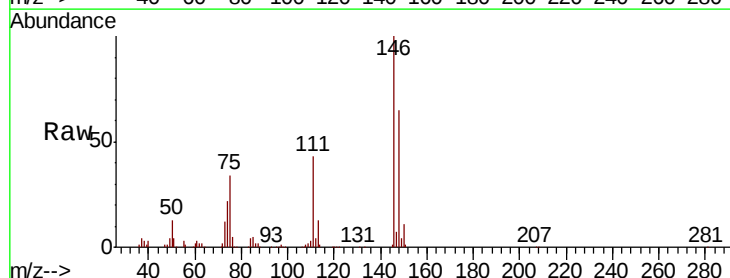
Instrument :
BNA_M
ClientSampleId :

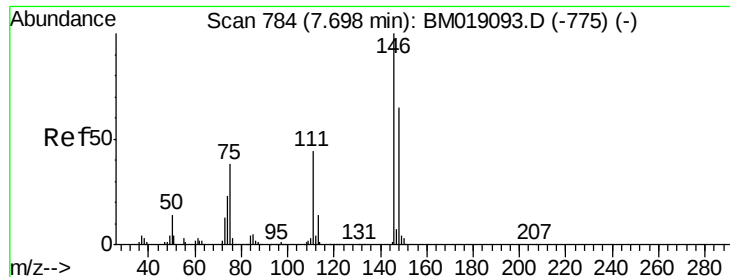
Tot Ion:	93	Resp:	525424
Ion	Ratio	Lower	Upper
93	100		
63	78.1	54.6	94.6
95	32.2	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 40.297 ng
RT: 7.52 min Scan# 771
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion:	146	Resp:	556289
Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.2	76.8
75	34.4	28.6	42.8

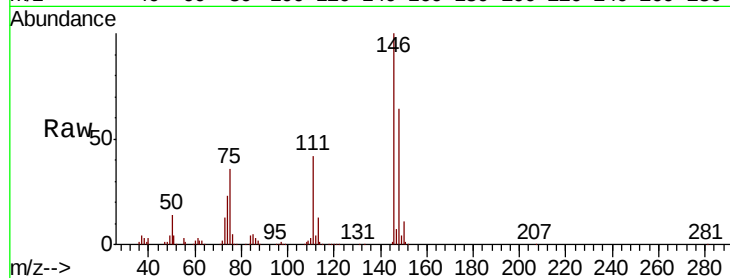




#13
1,4-Dichlorobenzene
Concen: 40.176 ng
RT: 7.67 min Scan# 796
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.4
111	42.4	34.4	51.6

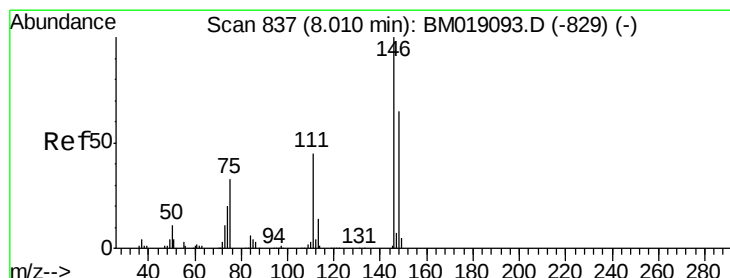
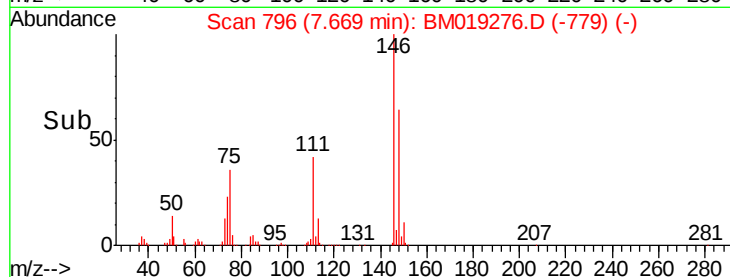
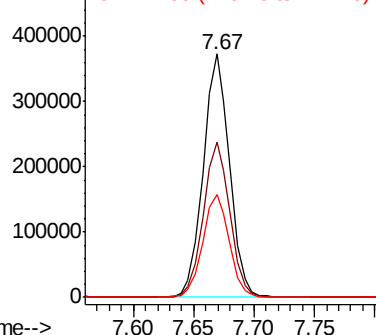


Abundance

Ion 146.00 (145.70 to 146.70): E

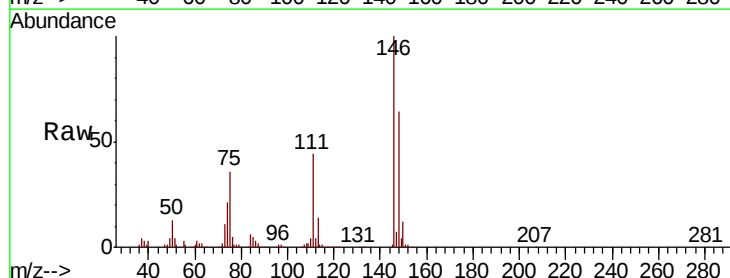
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 40.915 ng
RT: 7.98 min Scan# 849
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.5	77.3
111	43.6	35.4	53.0

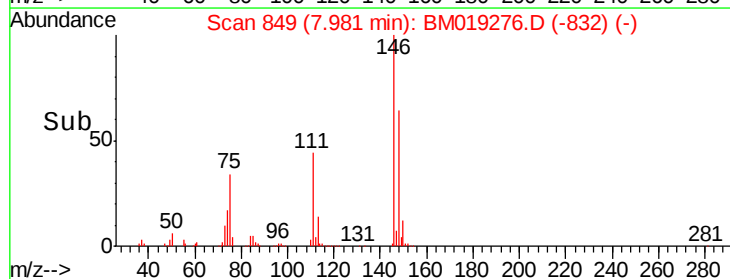
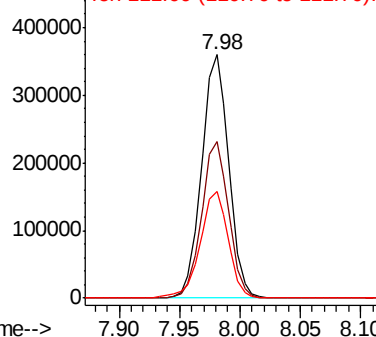


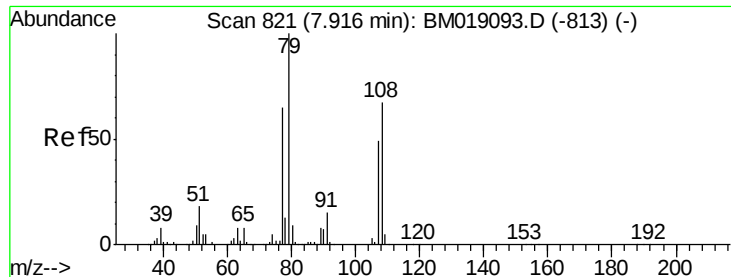
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.210 ng

RT: 7.89 min Scan# 833

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampleId :

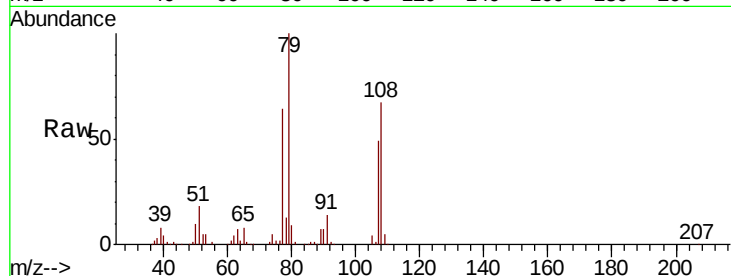
Tot Ion: 79 Resp: 554693

Ion Ratio Lower Upper

79 100

108 66.5 53.4 80.2

77 63.6 51.1 76.7

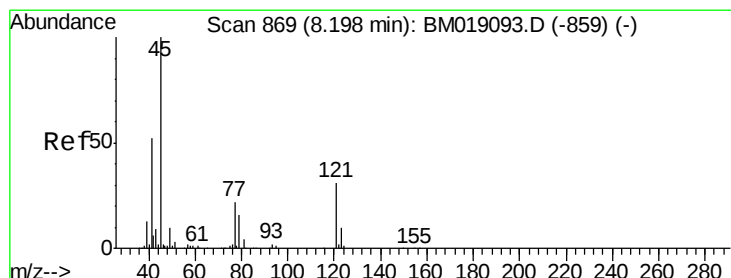
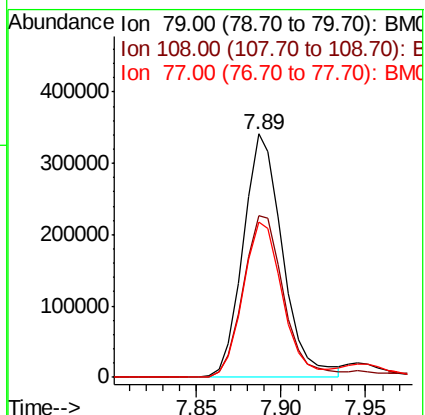
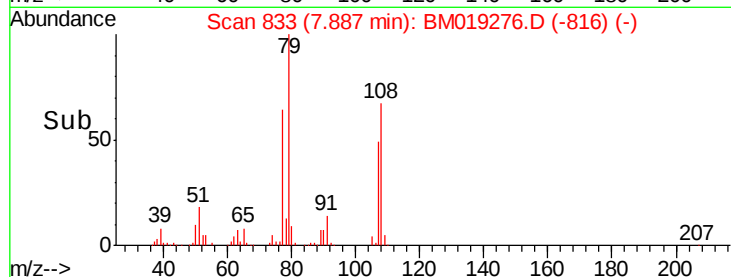


Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-813) (-)

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

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

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.301 ng

RT: 8.16 min Scan# 880

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

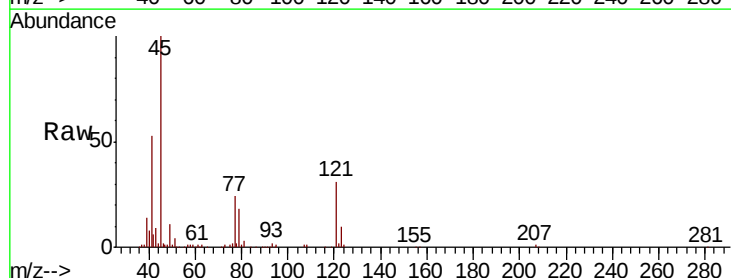
Tgt Ion: 45 Resp: 537326

Ion Ratio Lower Upper

45 100

77 24.1 3.0 43.0

79 18.1 0.0 38.0

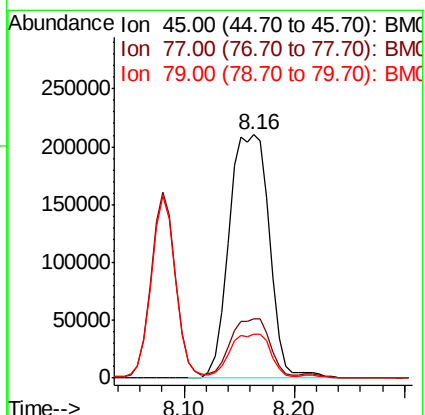
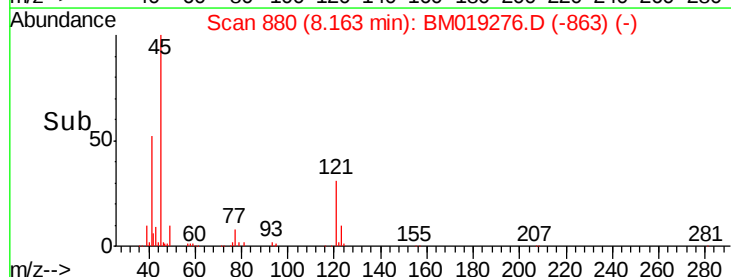


Abundance Ion 45.00 (44.70 to 45.70): BM019093.D (-859) (-)

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

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

Time-->

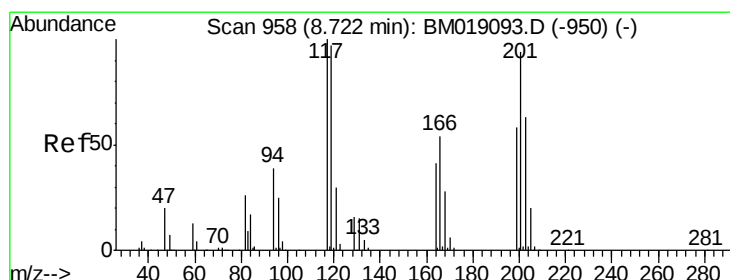
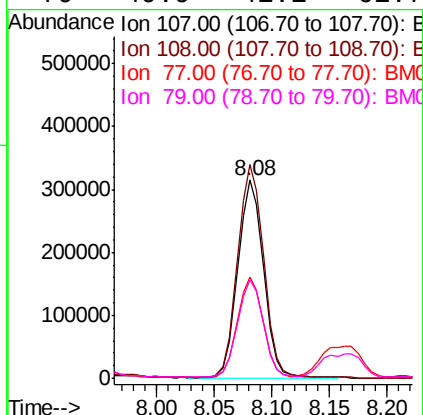
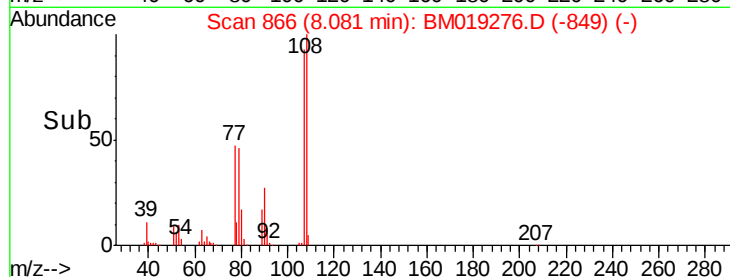
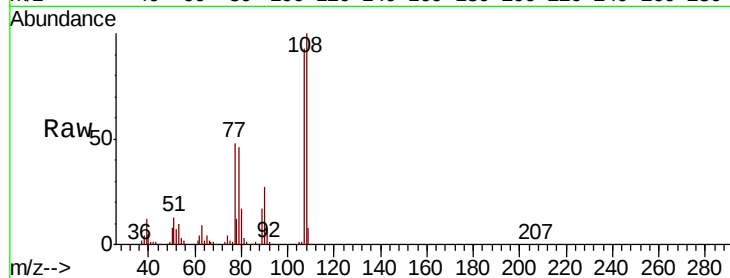




#17
2-Methylphenol
Concen: 43.233 ng
RT: 8.08 min Scan# 866
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

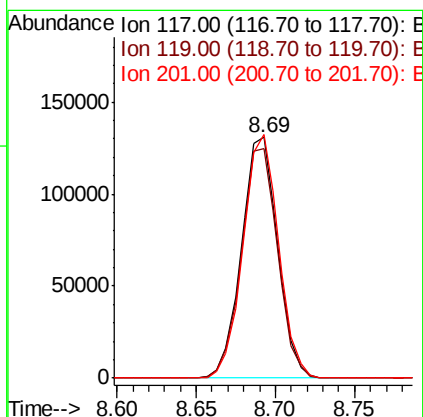
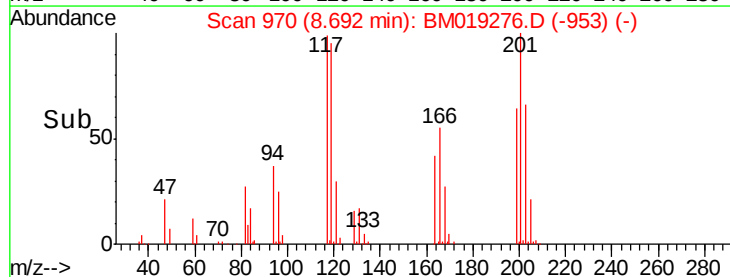
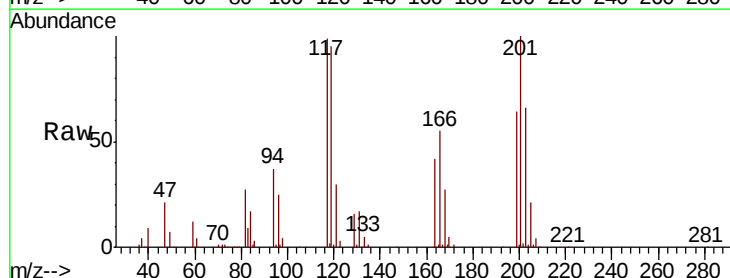
Instrument :
BNA_M
ClientSampled :

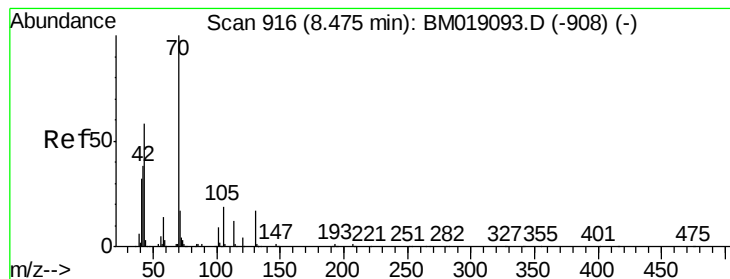
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.9	88.0	132.0
77	51.3	42.1	63.1
79	49.9	41.1	61.7



#18
Hexachloroethane
Concen: 39.522 ng
RT: 8.69 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.2	114.2
201	101.1	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 42.573 ng

RT: 8.45 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 554574

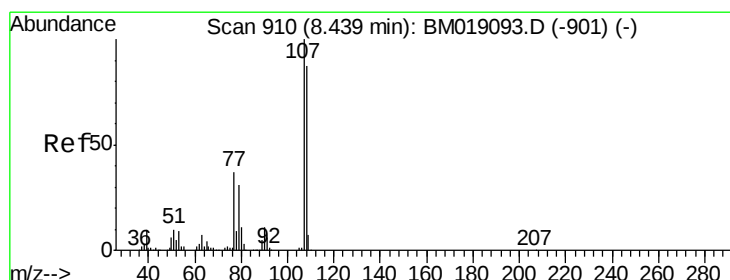
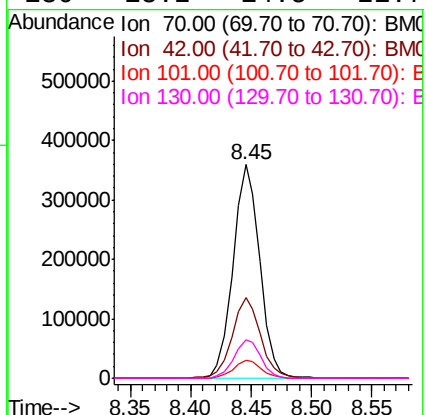
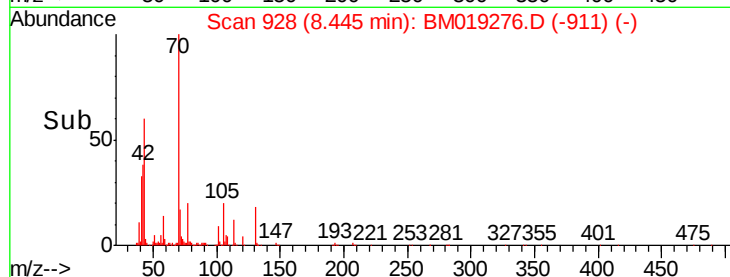
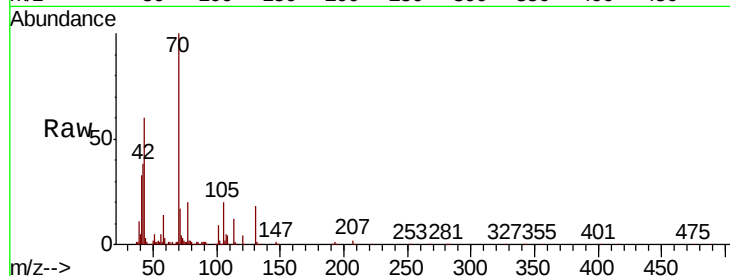
Ion Ratio Lower Upper

70 100

42 38.0 30.0 45.0

101 8.6 7.0 10.6

130 18.2 14.5 21.7



#20

3+4-Methylphenols

Concen: 44.899 ng

RT: 8.41 min Scan# 922

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Tgt Ion: 107 Resp: 679608

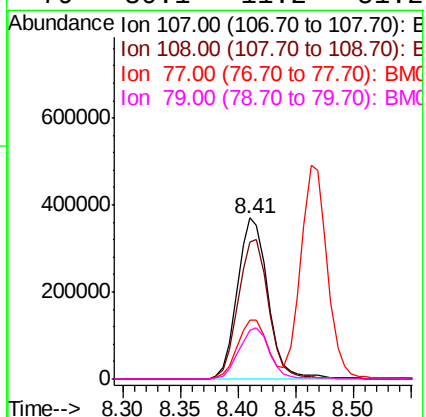
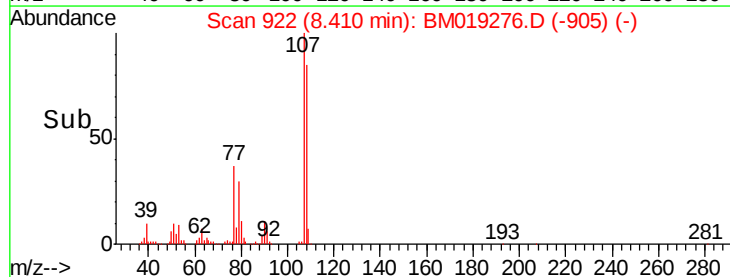
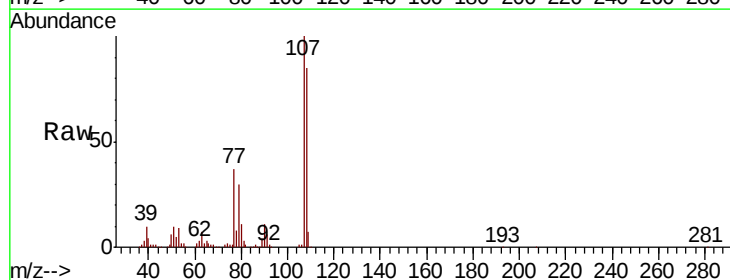
Ion Ratio Lower Upper

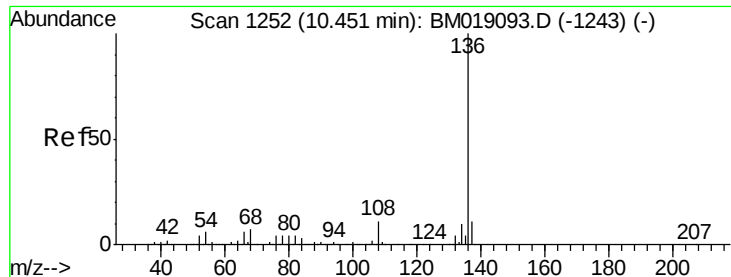
107 100

108 85.2 67.0 107.0

77 36.7 16.8 56.8

79 30.1 11.2 51.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 821844

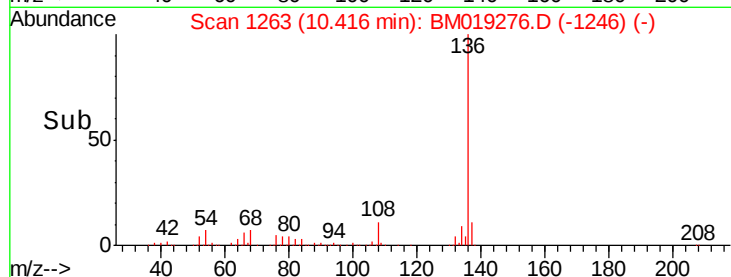
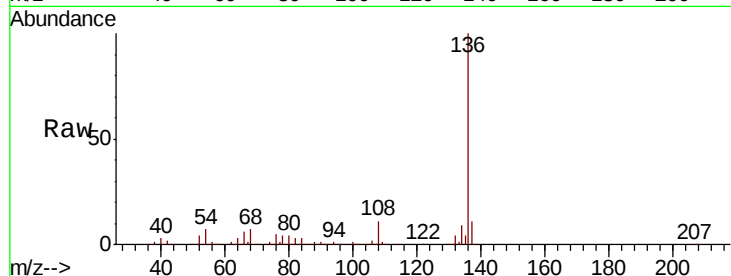
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 6.7 5.5 8.3

68 7.3 6.0 9.0

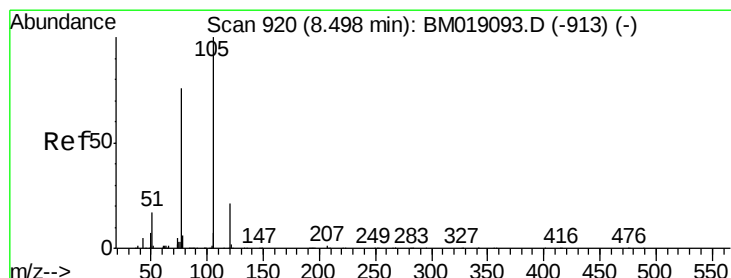
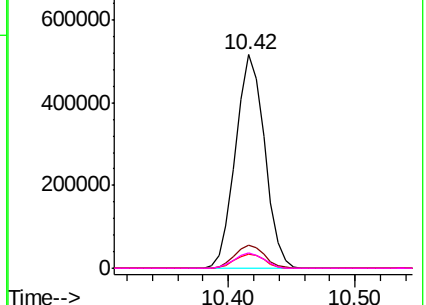


Abundance Ion 136.00 (135.70 to 136.70): E

800000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



#22

Acetophenone

Concen: 40.429 ng

RT: 8.46 min Scan# 931

Delta R.T. -0.01 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Tgt Ion:105 Resp: 918226

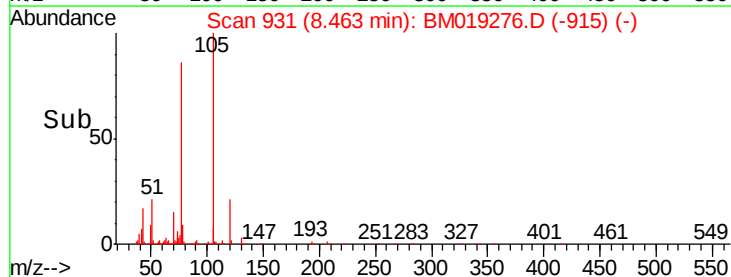
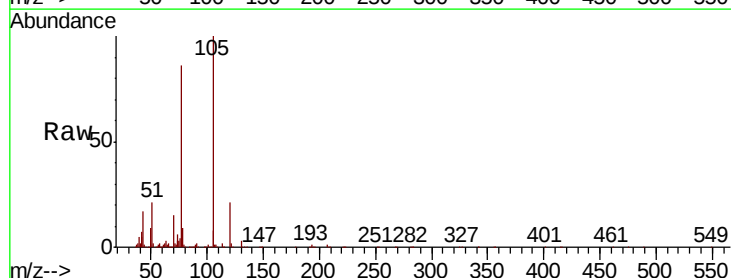
Ion Ratio Lower Upper

105 100

71 2.4 0.9 1.3#

51 20.7 15.9 23.9

120 21.1 16.7 25.1

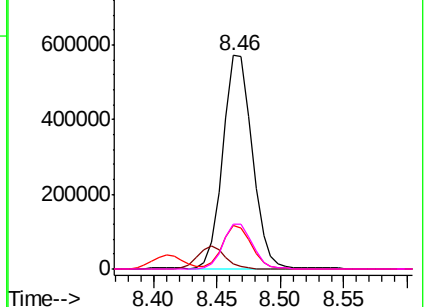


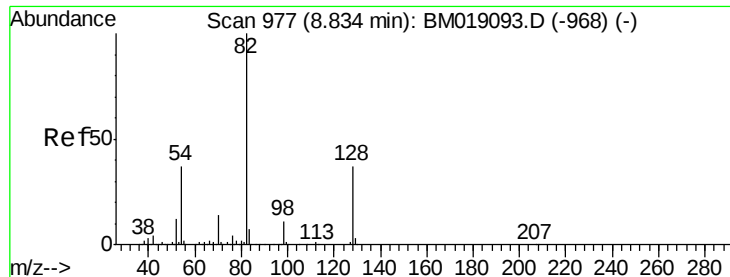
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E

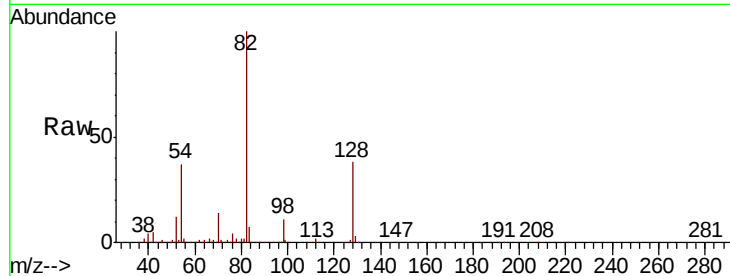




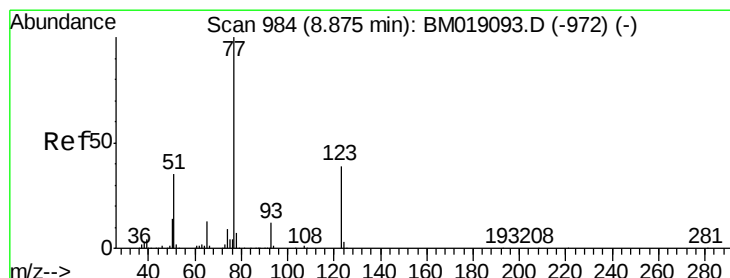
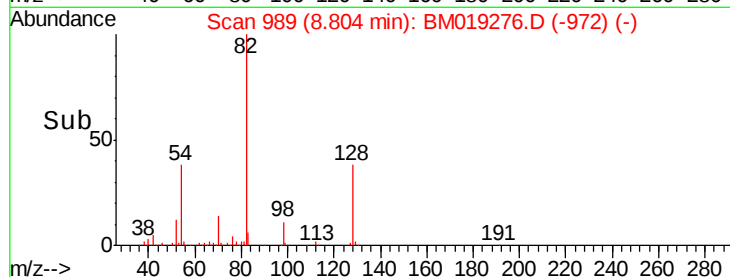
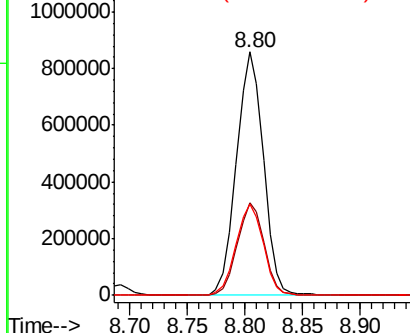
#23
Nitrobenzene-d5
Concen: 80.222 ng
RT: 8.80 min Scan# 989
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampled :

Tot Ion: 82 Resp: 1394744
Ion Ratio Lower Upper
82 100
128 37.9 30.2 45.4
54 37.3 30.2 45.2

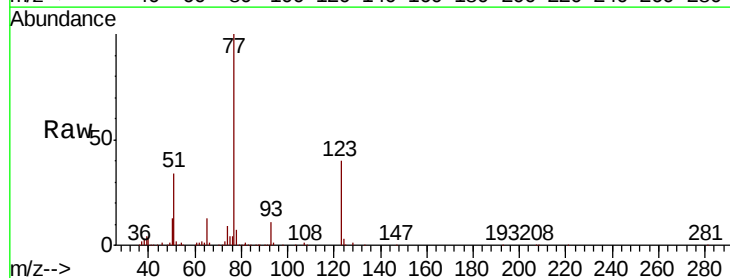


Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)
Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)
Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)

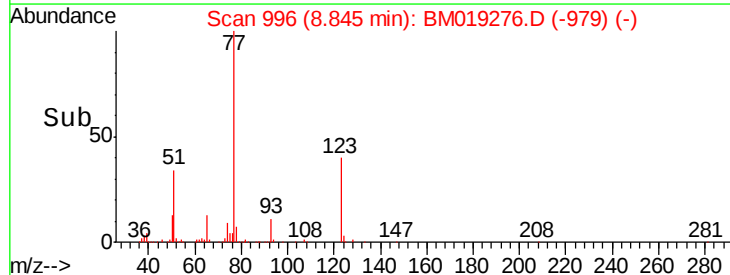
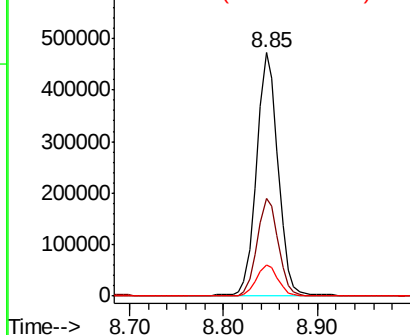


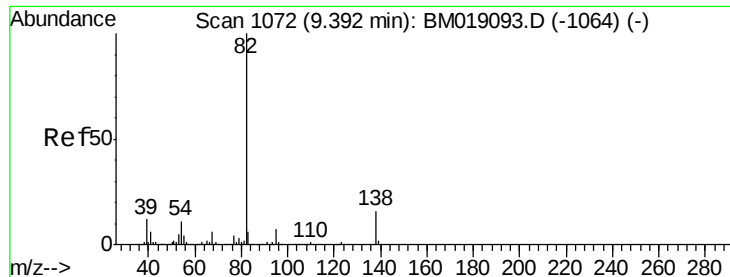
#24
Nitrobenzene
Concen: 41.406 ng
RT: 8.85 min Scan# 996
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion: 77 Resp: 748688
Ion Ratio Lower Upper
77 100
123 39.9 31.4 47.0
65 13.0 10.2 15.4



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: 42.592 ng

RT: 9.36 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampled :

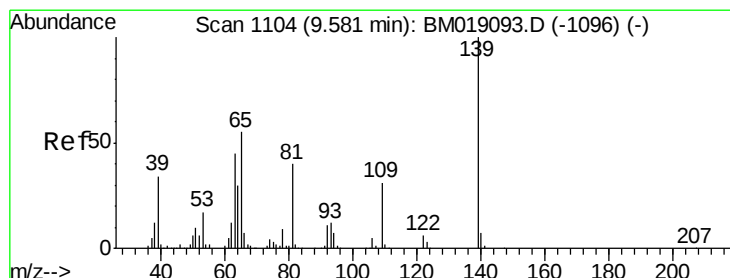
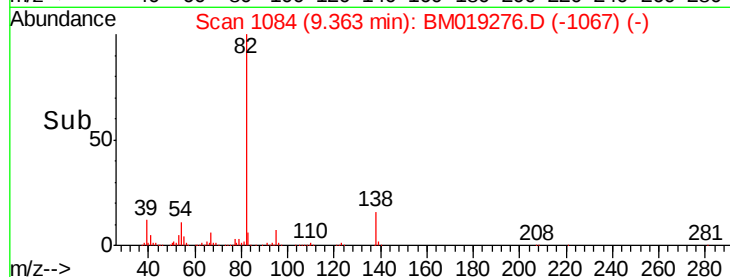
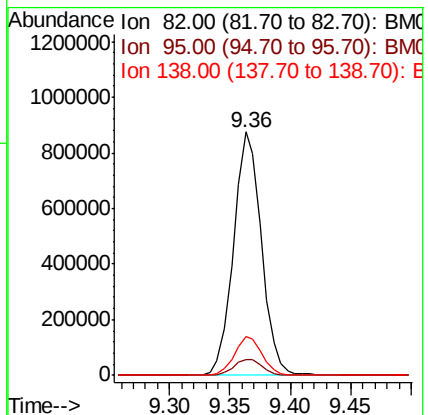
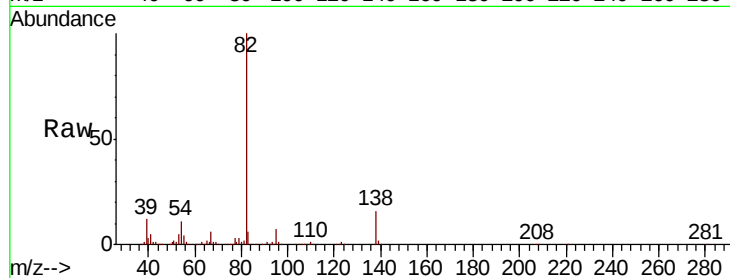
Tot Ion: 82 Resp: 1413013

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 15.8 12.2 18.4



#26

2-Nitrophenol

Concen: 43.017 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

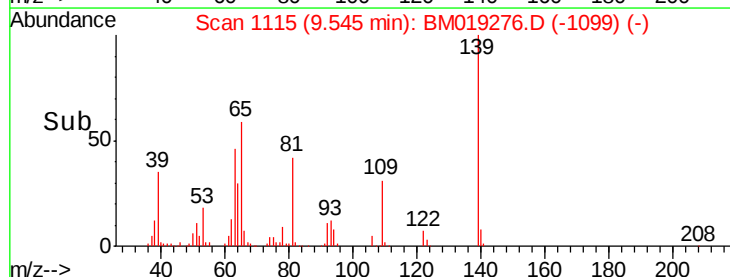
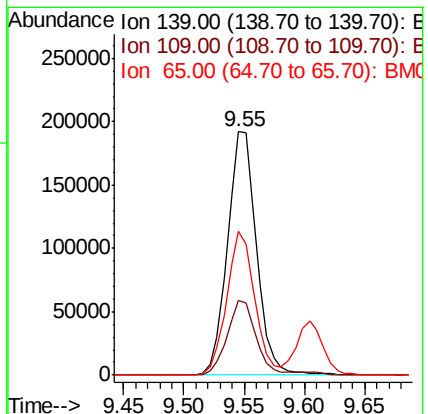
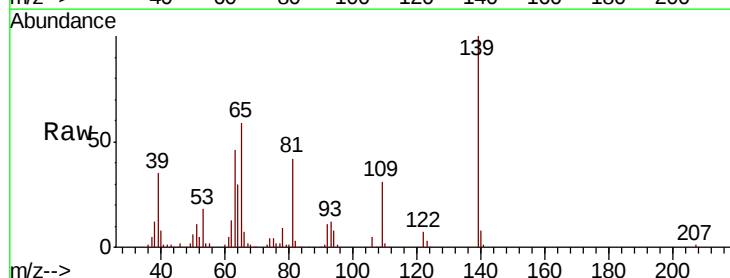
Tgt Ion: 139 Resp: 322418

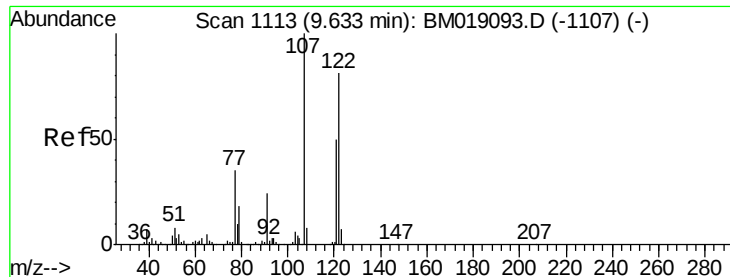
Ion Ratio Lower Upper

139 100

109 30.7 23.8 35.8

65 59.1 43.3 64.9

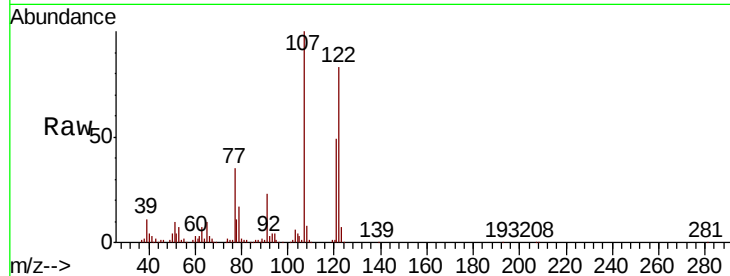




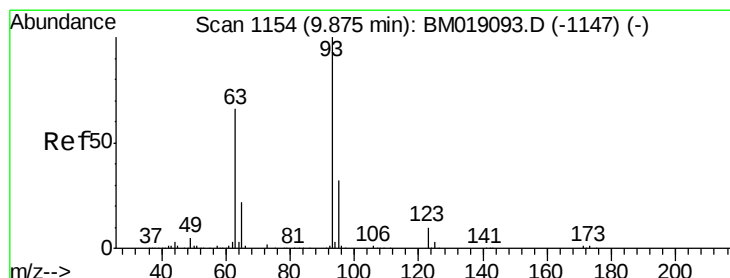
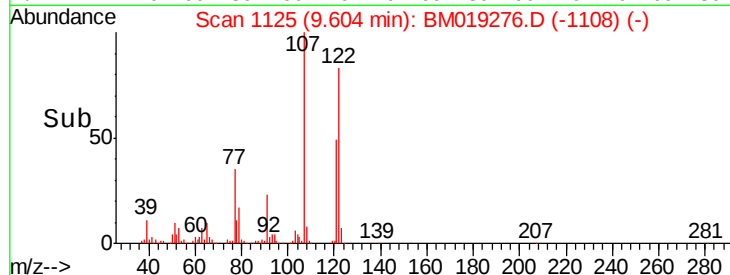
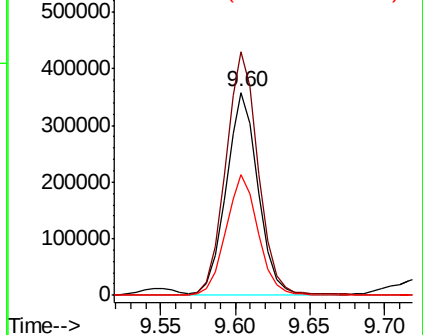
#27
 2,4-Dimethylphenol
 Concen: 47.771 ng
 RT: 9.60 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.1	96.4	144.6
121	59.3	47.6	71.4

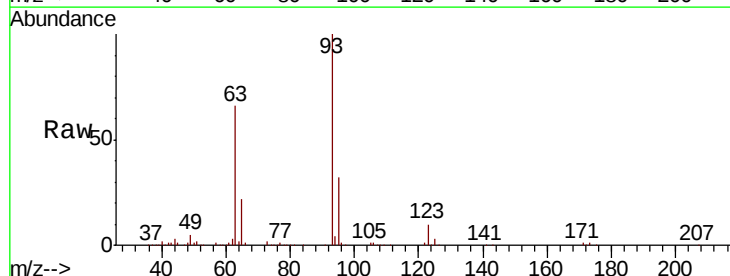


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

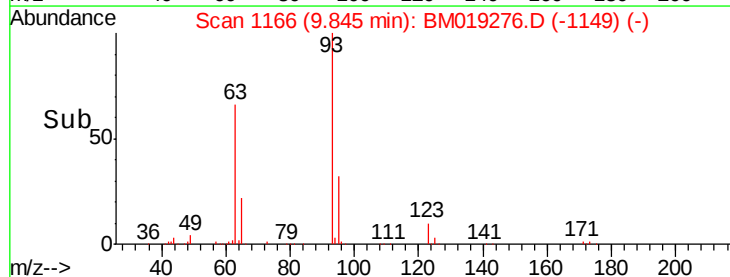
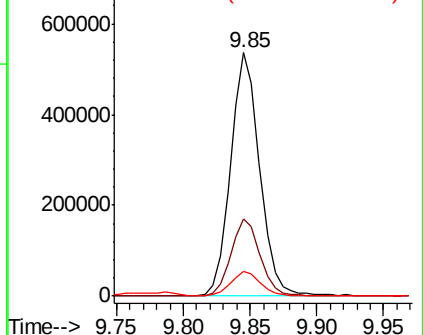


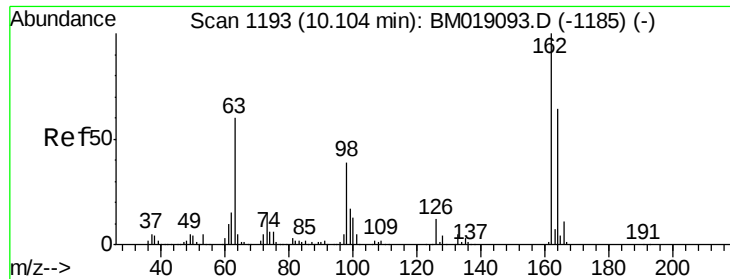
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.490 ng
 RT: 9.85 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	24.7	37.1
123	10.4	8.6	12.8



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E

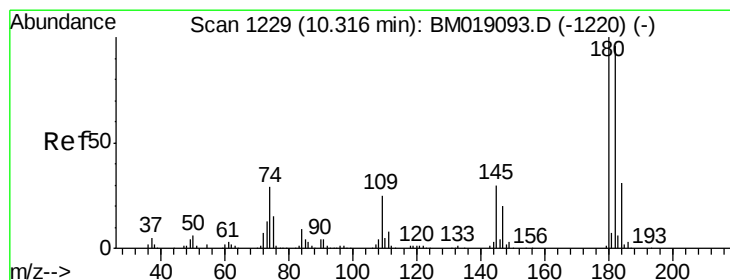
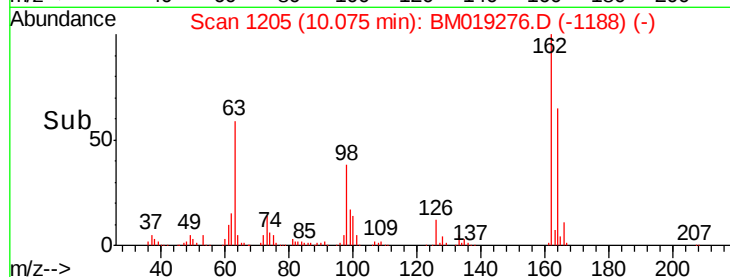
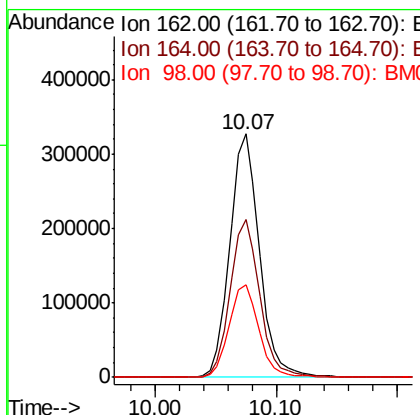
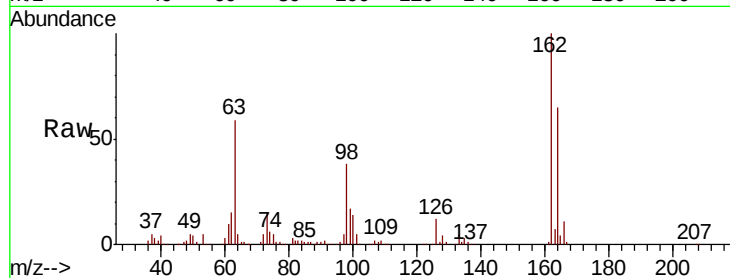




#29
 2,4-Dichlorophenol
 Concen: 45.357 ng
 RT: 10.07 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

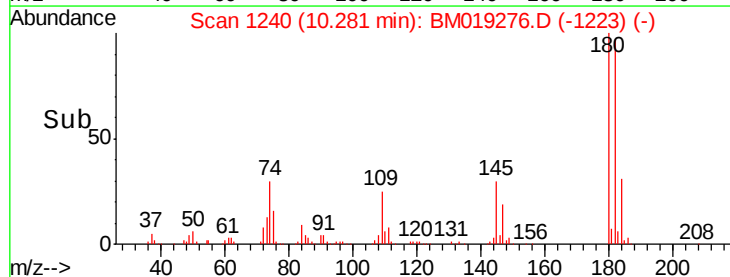
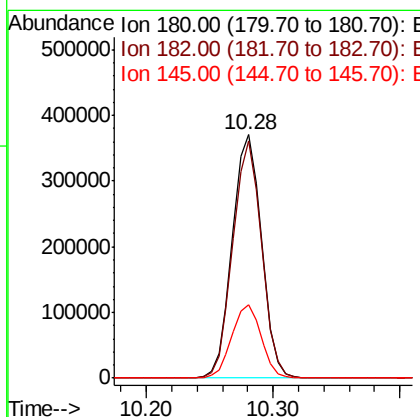
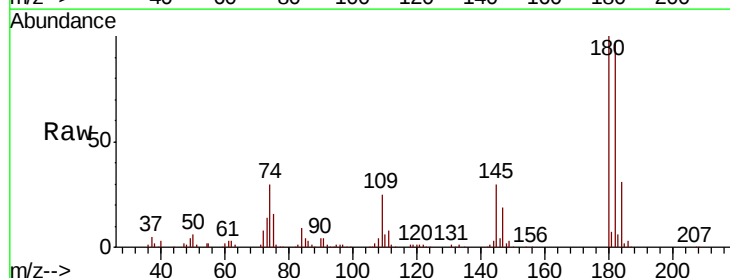
Instrument :
 BNA_M
 ClientSampleId :

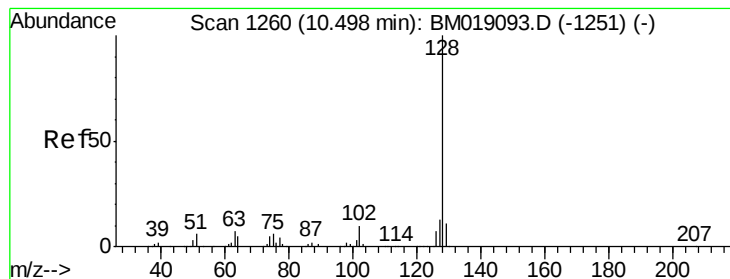
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.6	85.6
98	37.8	18.0	58.0



#30
 1,2,4-Trichlorobenzene
 Concen: 42.521 ng
 RT: 10.28 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.9	116.9
145	30.0	24.7	37.1





#31

Naphthalene

Concen: 41.808 ng

RT: 10.47 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampled :

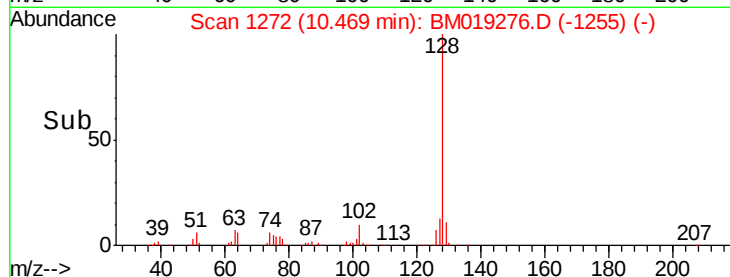
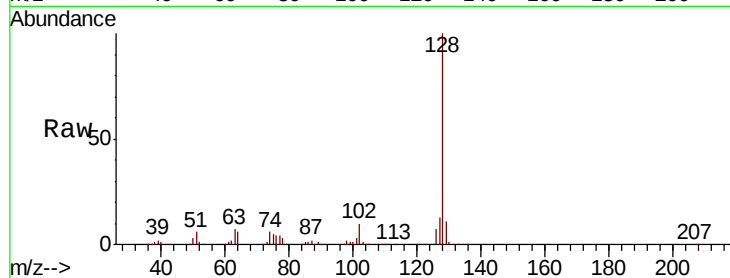
Tot Ion:128 Resp: 1811005

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

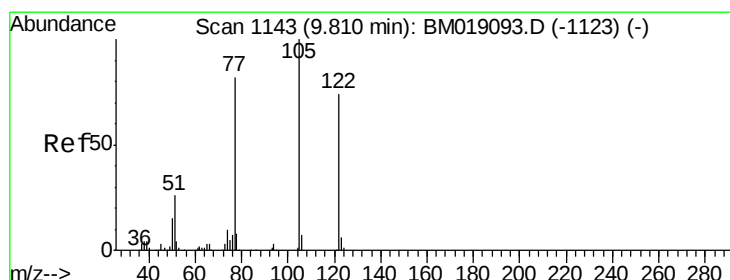
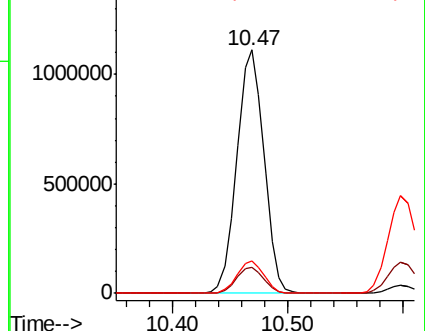
127 13.2 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

1500000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.483 ng

RT: 9.79 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

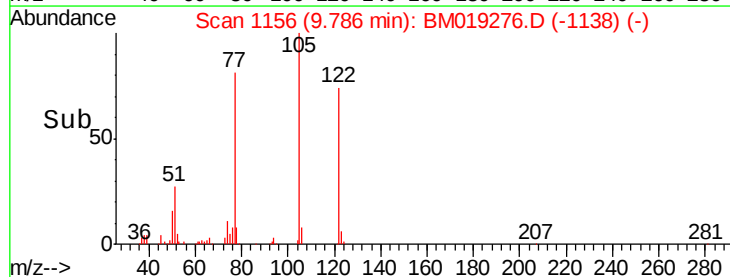
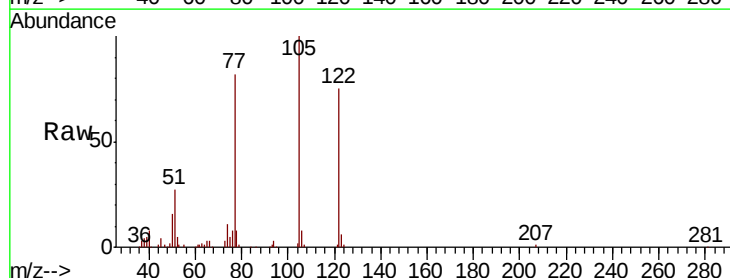
Tgt Ion:122 Resp: 353722

Ion Ratio Lower Upper

122 100

105 133.6 115.6 155.6

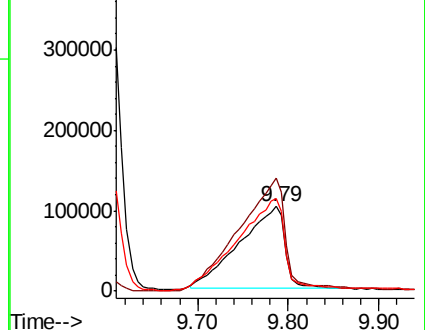
77 109.5 93.8 133.8

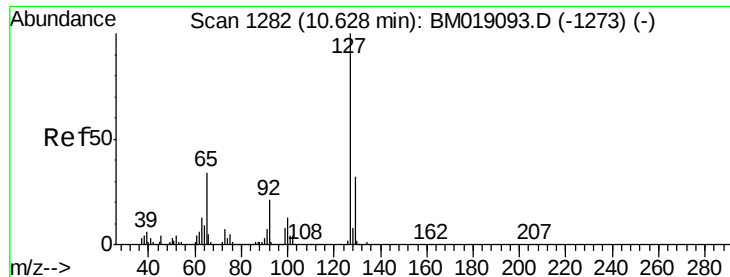


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

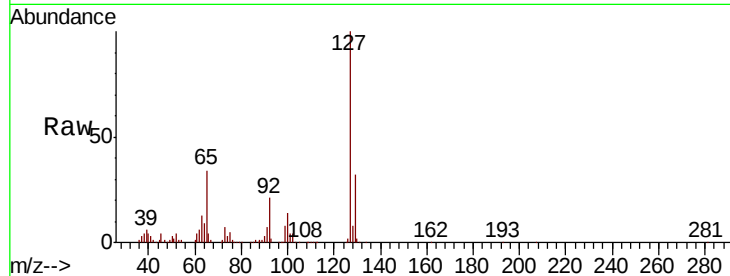




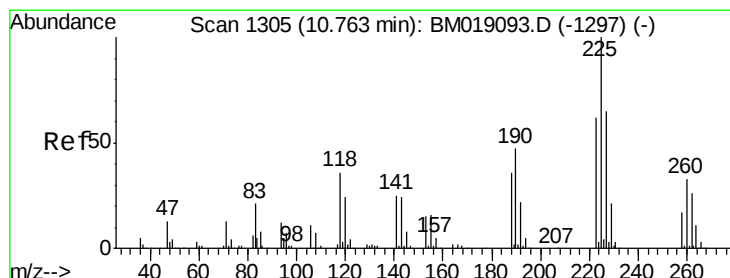
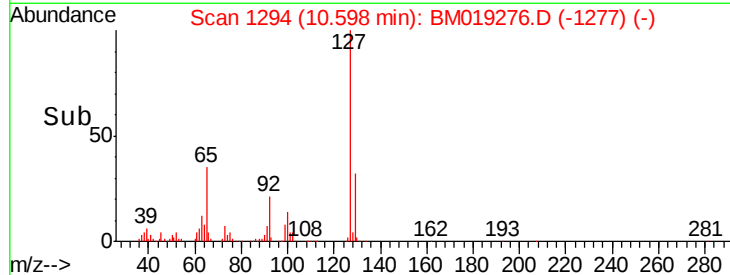
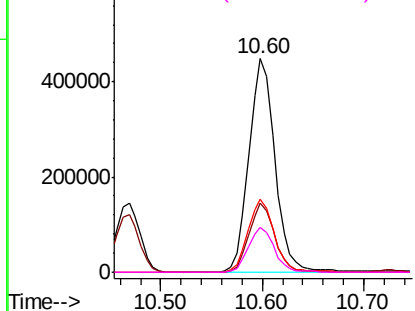
#33
4-Chloroaniline
Concen: 45.214 ng
RT: 10.60 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp:	802855
Ion Ratio	Lower	Upper
127	100	
129	32.2	25.9 38.9
65	34.4	27.5 41.3
92	21.0	17.0 25.4

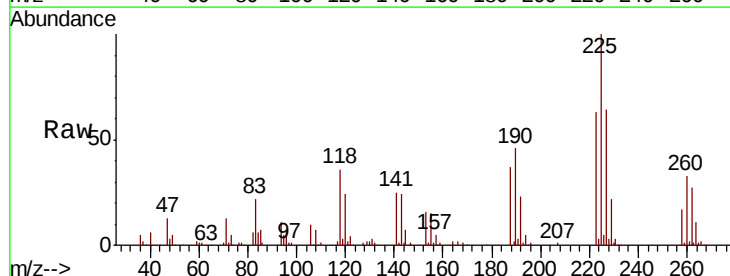


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

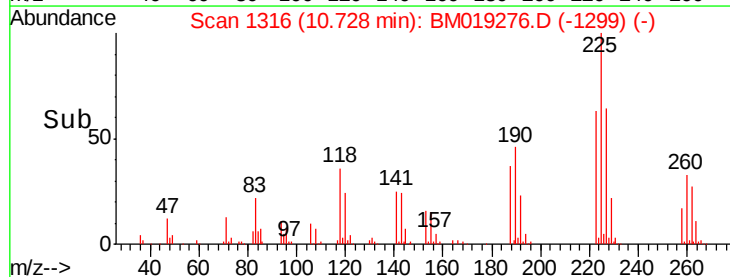
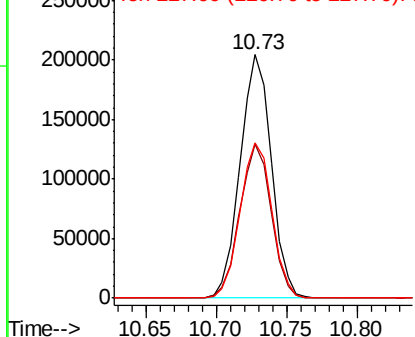


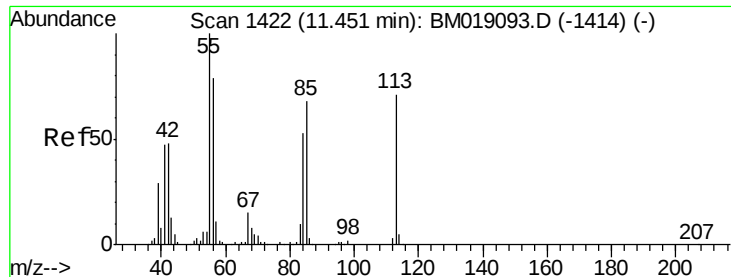
#34
Hexachlorobutadiene
Concen: 39.713 ng
RT: 10.73 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion:225	Resp:	317122
Ion Ratio	Lower	Upper
225	100	
223	63.4	51.0 76.4
227	63.7	51.0 76.6



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

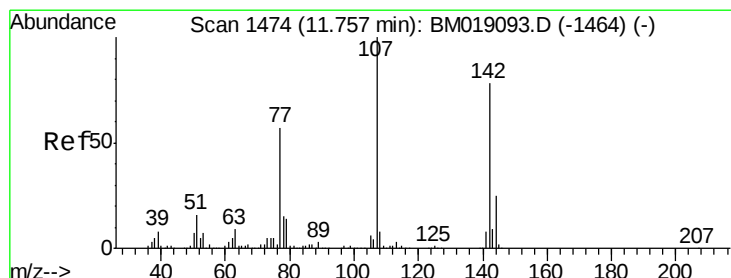
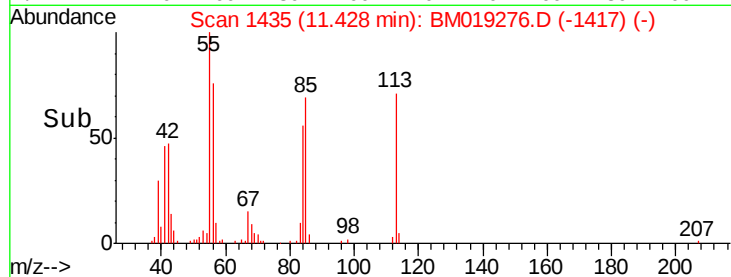
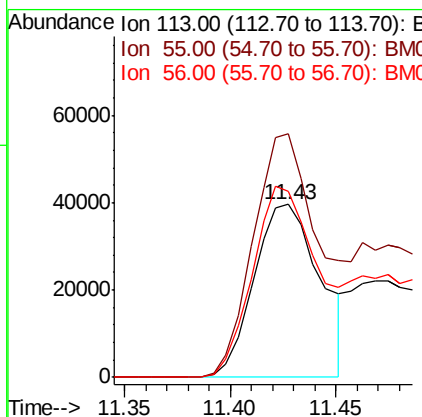
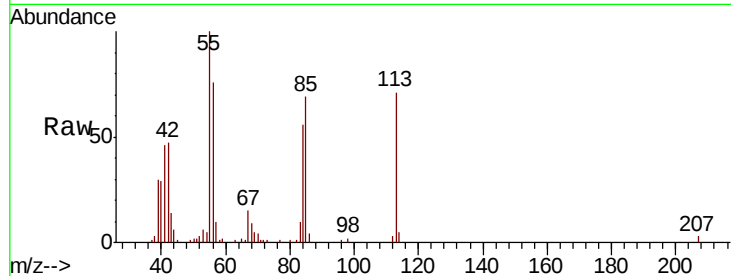




#35
 Caprolactam
 Concen: 19.511 ng
 RT: 11.43 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

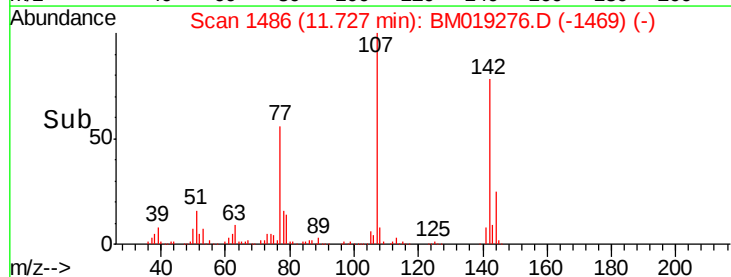
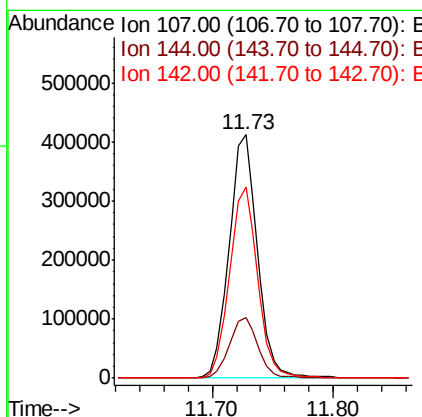
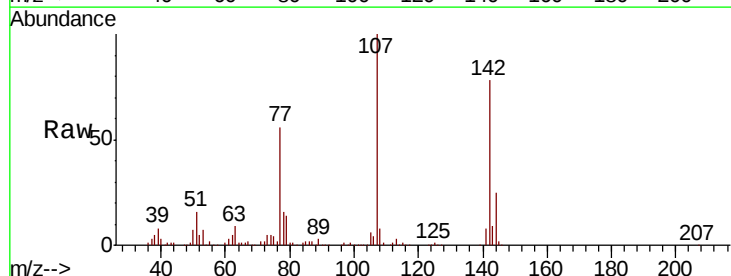
Instrument :
 BNA_M
 ClientSampled :

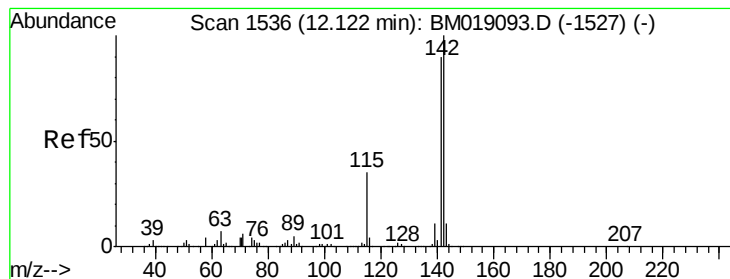
Tot Ion:113 Resp: 85769
 Ion Ratio Lower Upper
 113 100
 55 140.9 120.1 160.1
 56 107.5 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.242 ng
 RT: 11.73 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Tgt Ion:107 Resp: 673668
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.1 30.1
 142 78.4 62.1 93.1





#37

2-Methylnaphthalene

Concen: 44.013 ng

RT: 12.09 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampleId :

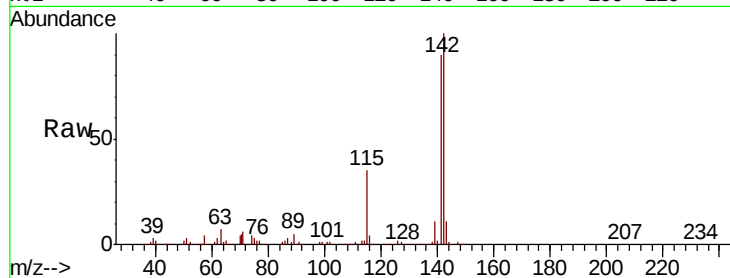
Tot Ion:142 Resp: 1385434

Ion Ratio Lower Upper

142 100

141 90.3 71.9 107.9

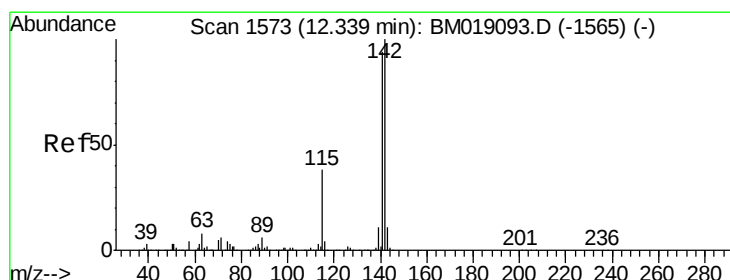
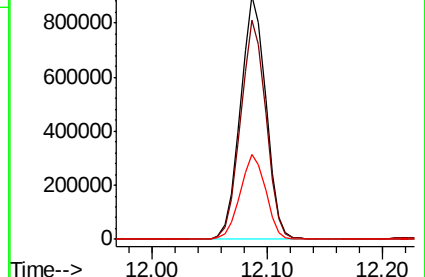
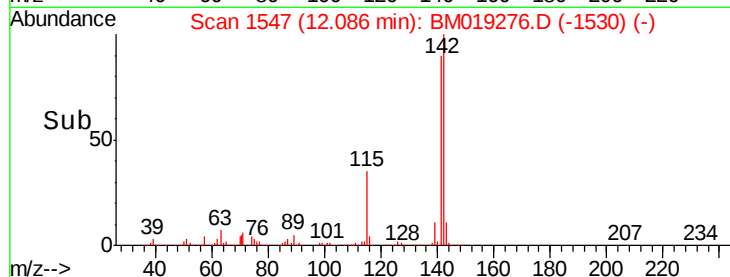
115 34.9 27.7 41.5



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: 42.429 ng

RT: 12.31 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

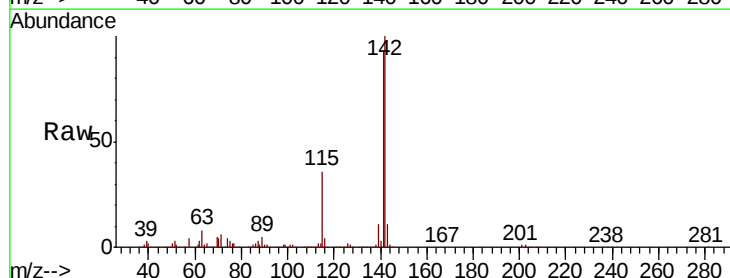
Tgt Ion:142 Resp: 1316409

Ion Ratio Lower Upper

142 100

141 92.6 75.2 112.8

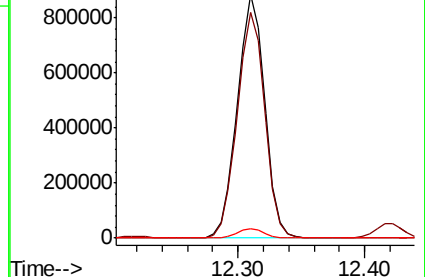
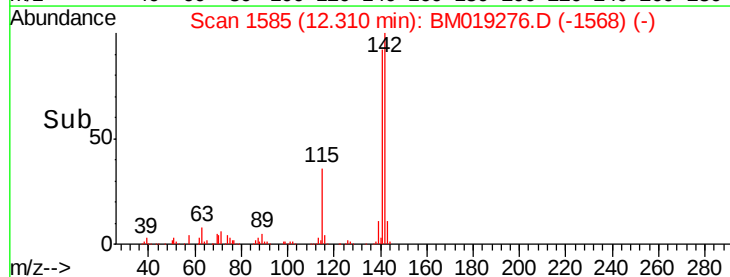
116 3.9 3.0 4.6

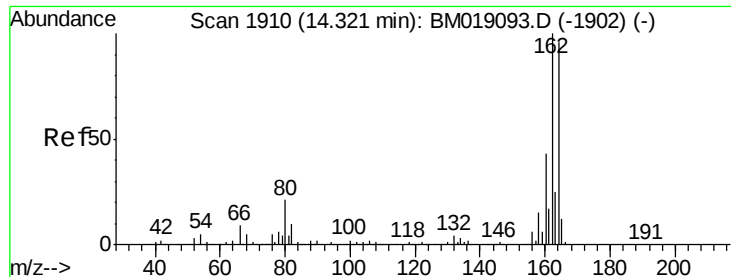


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

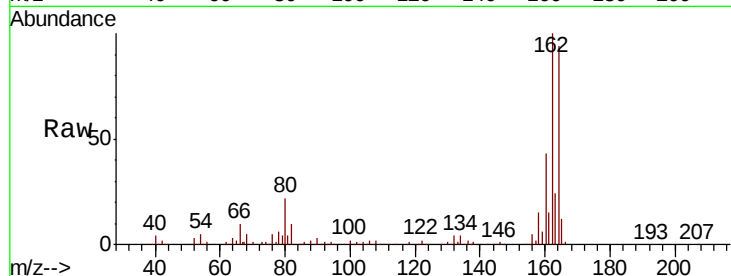




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.1	84.1	126.1
160	45.8	36.5	54.7

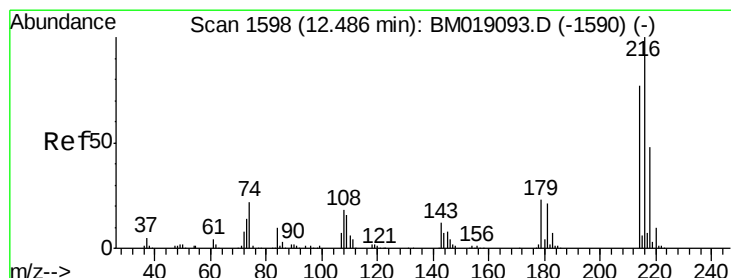
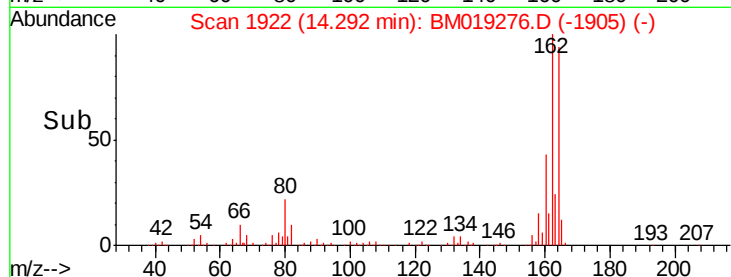
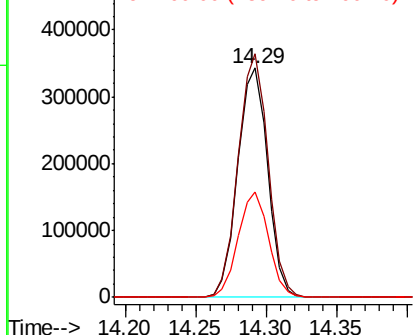


Abundance

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: 41.403 ng
 RT: 12.46 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.7	94.1
179	22.6	18.0	27.0
108	18.0	15.8	23.6

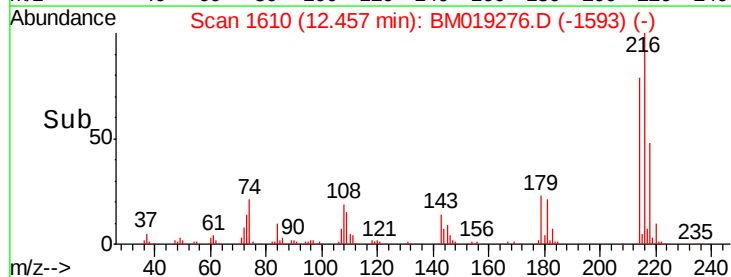
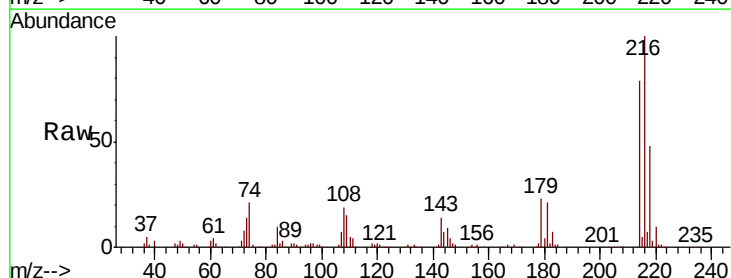
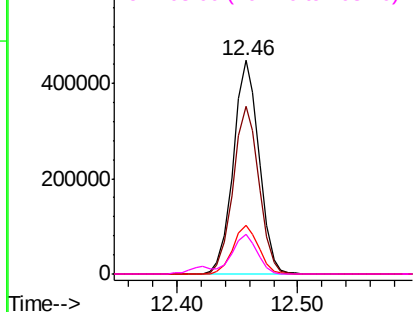
Abundance

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: 90.929 ng

RT: 12.42 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampleId :

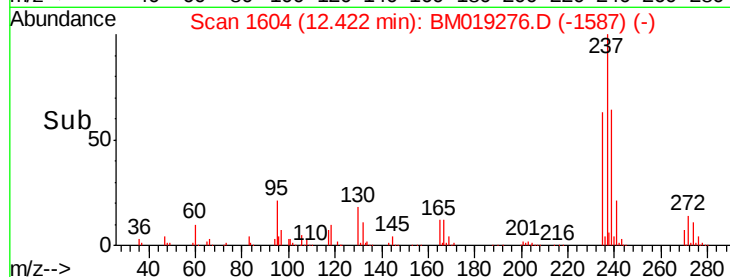
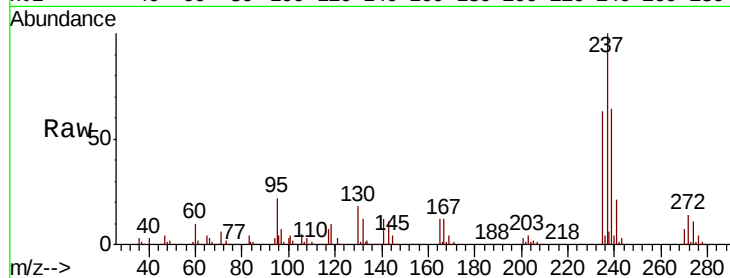
Tot Ion:237 Resp: 662564

Ion Ratio Lower Upper

237 100

235 63.0 42.8 82.8

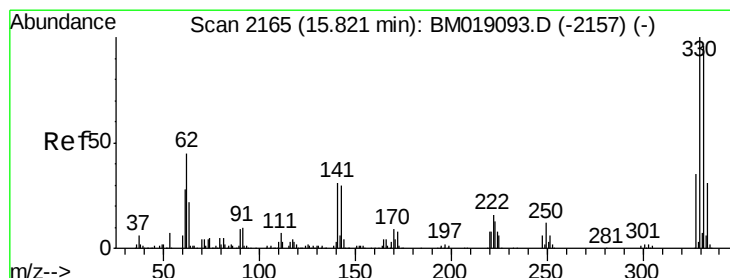
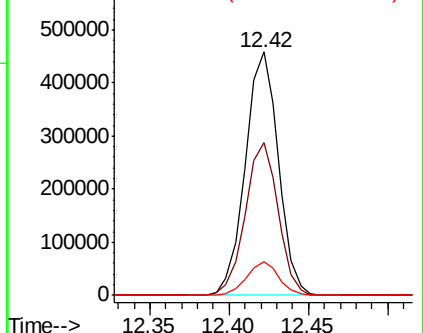
272 13.7 0.0 33.3



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: 85.589 ng

RT: 15.80 min Scan# 2178

Delta R.T. 0.01 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

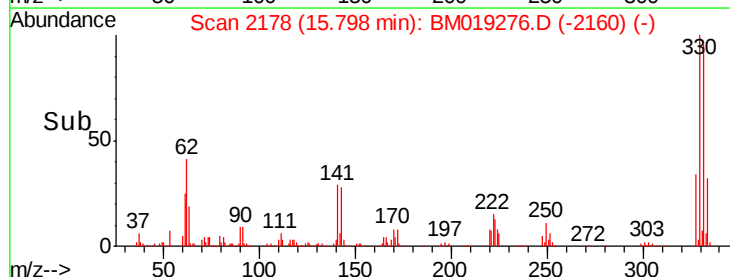
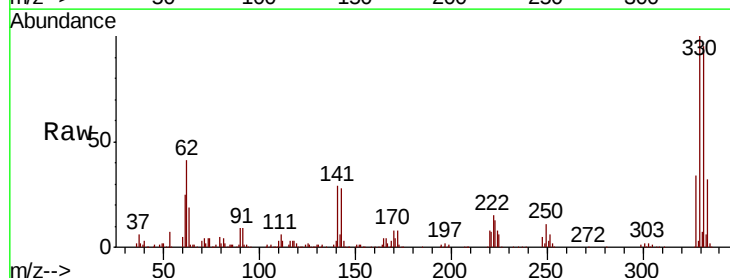
Tgt Ion:330 Resp: 642645

Ion Ratio Lower Upper

330 100

332 96.8 77.6 116.4

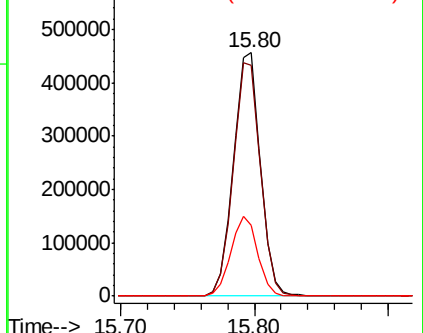
141 32.8 25.7 38.5

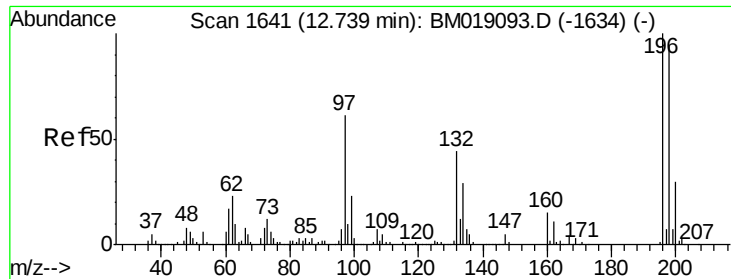


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

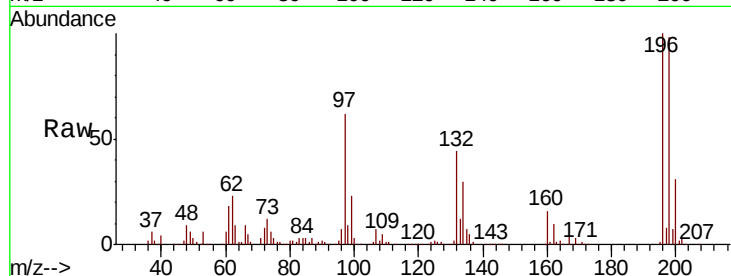




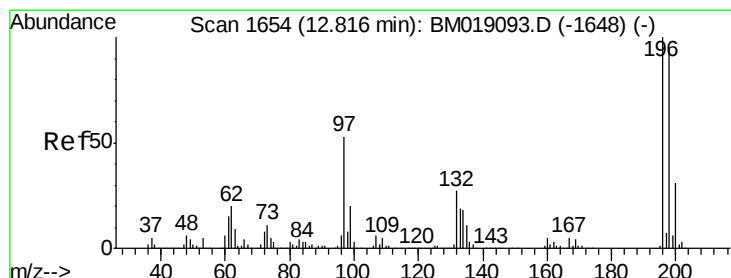
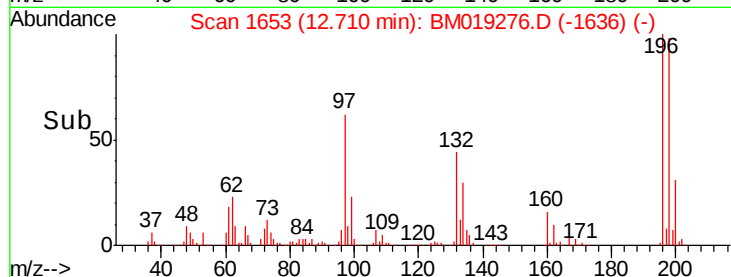
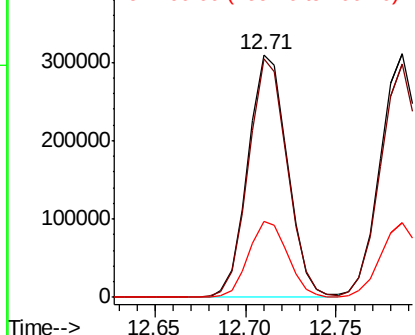
#43
 2,4,6-Trichlorophenol
 Concen: 45.226 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:196 Resp: 470167
 Ion Ratio Lower Upper
 196 100
 198 98.1 76.2 114.2
 200 31.2 23.7 35.5

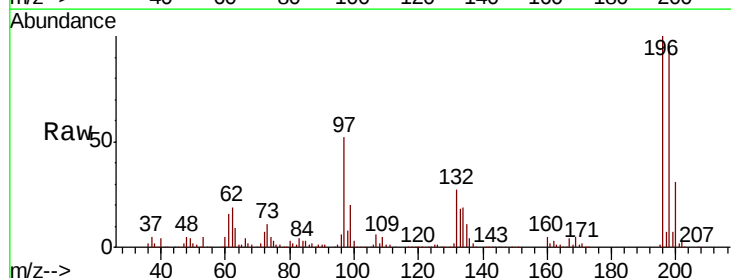


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

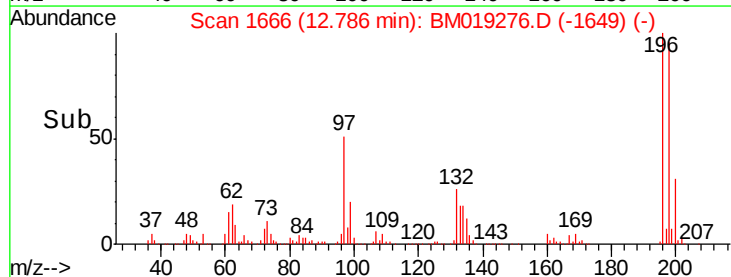
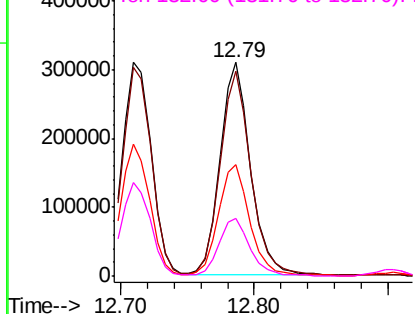


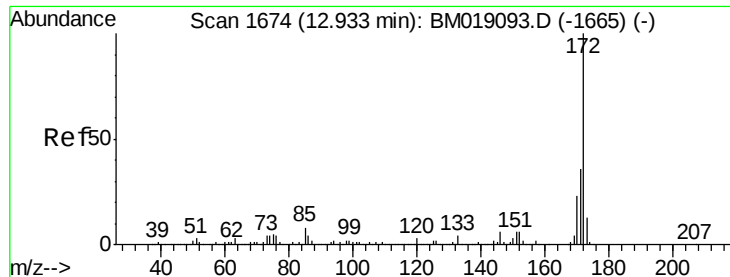
#44
 2,4,5-Trichlorophenol
 Concen: 44.116 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Tgt Ion:196 Resp: 490422
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.3 114.5
 97 52.2 41.5 62.3
 132 27.1 21.8 32.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

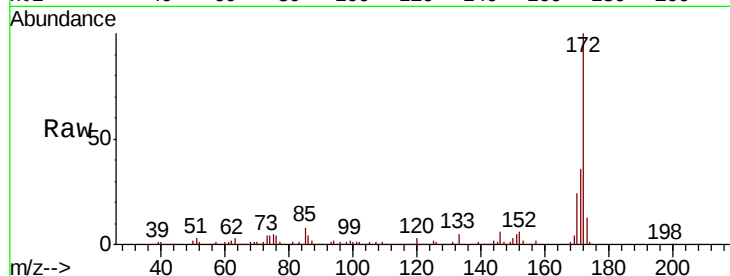




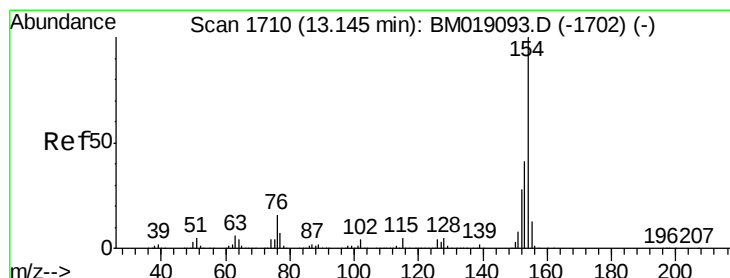
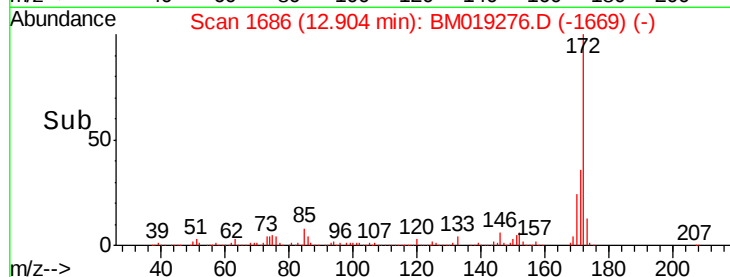
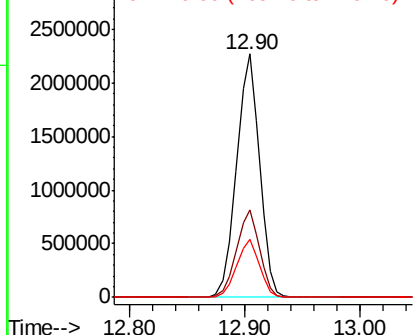
#45
2-Fluorobiphenyl
Concen: 79.942 ng
RT: 12.90 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 3125409
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.6 18.9 28.3

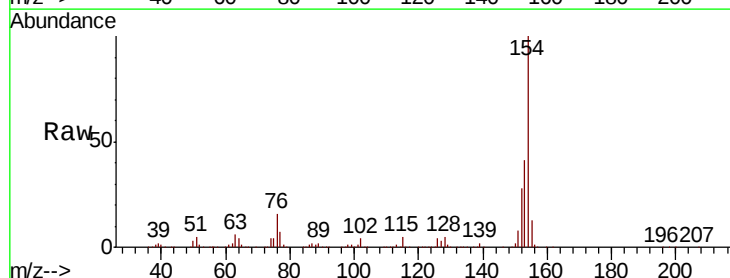


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

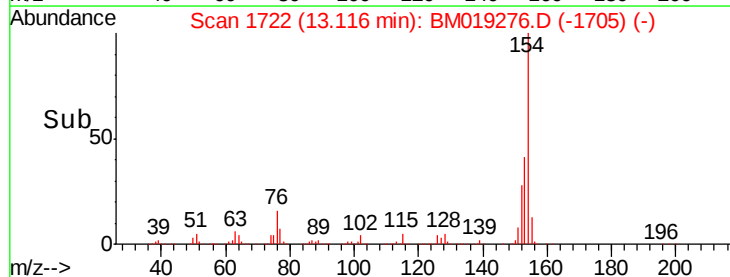
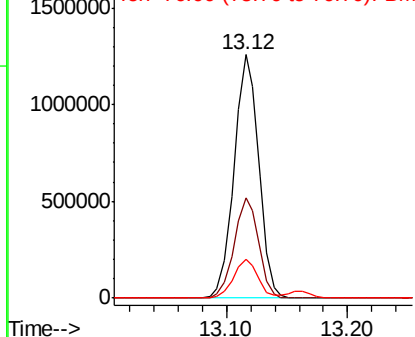


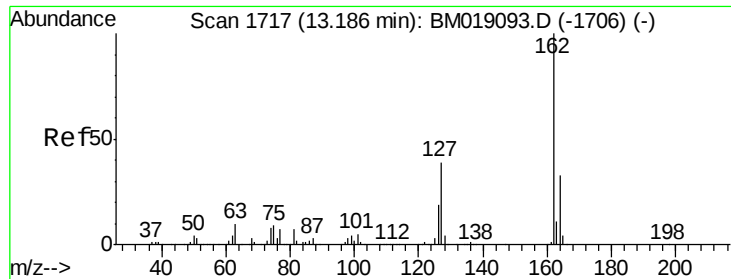
#46
1,1'-Biphenyl
Concen: 40.161 ng
RT: 13.12 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion:154 Resp: 1783615
Ion Ratio Lower Upper
154 100
153 41.0 21.1 61.1
76 15.8 0.0 35.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

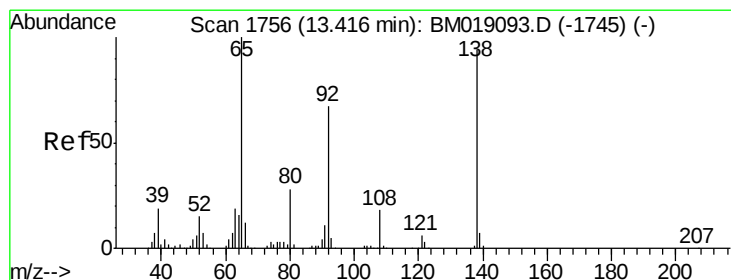
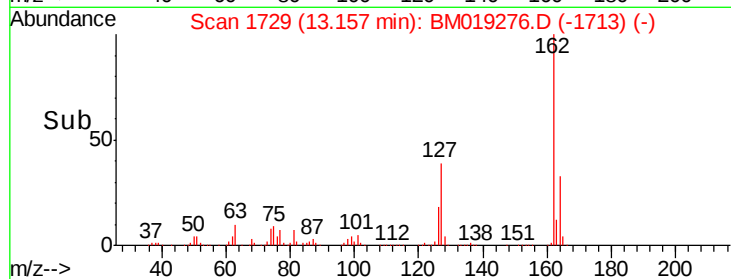
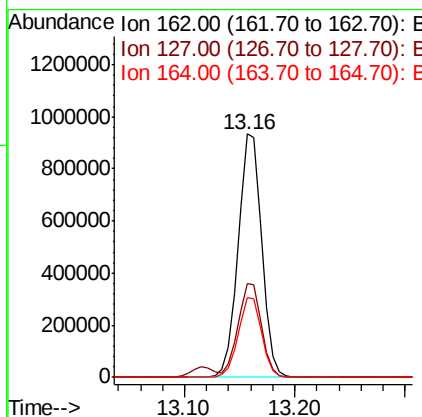
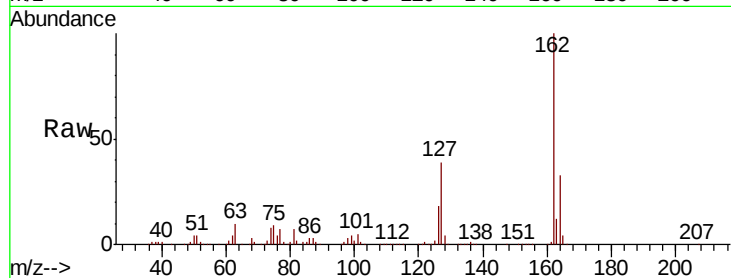




#47
 2-Chloronaphthalene
 Concen: 42.339 ng
 RT: 13.16 min Scan# 1729
 Delta R.T. -0.01 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

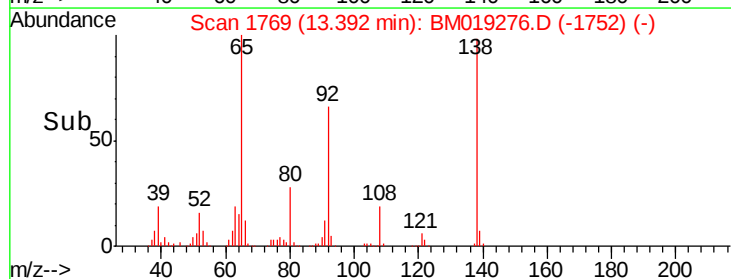
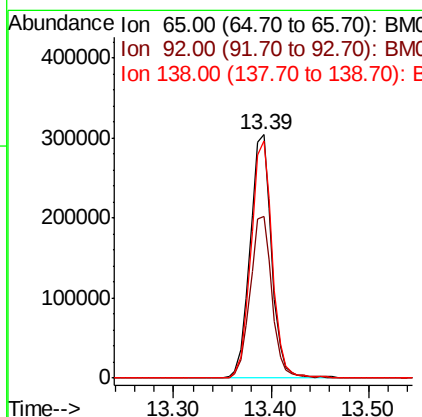
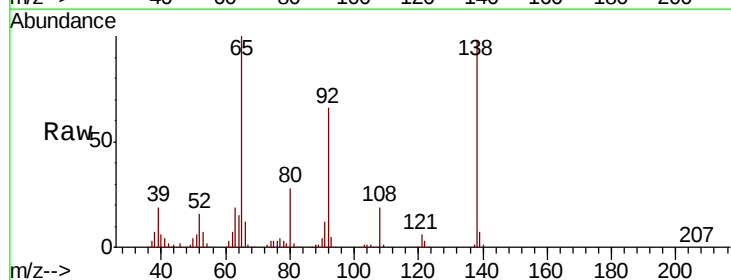
Instrument :
 BNA_M
 ClientSampleId :

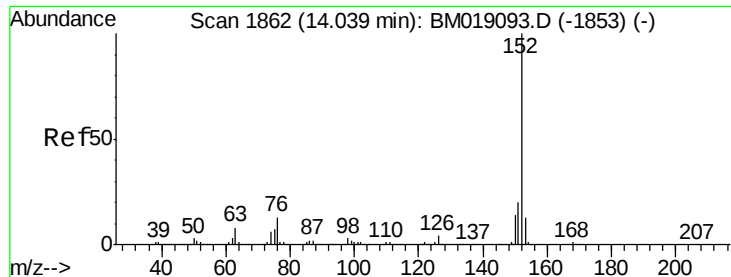
Tot Ion:162 Resp: 1403567
 Ion Ratio Lower Upper
 162 100
 127 38.8 30.7 46.1
 164 32.7 26.1 39.1



#48
 2-Nitroaniline
 Concen: 42.566 ng
 RT: 13.39 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Tgt Ion: 65 Resp: 473236
 Ion Ratio Lower Upper
 65 100
 92 66.4 54.0 81.0
 138 97.6 78.3 117.5





#49

Acenaphthylene

Concen: 41.227 ng

RT: 14.02 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampleId :

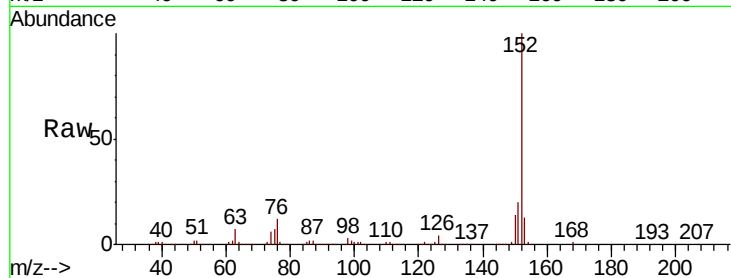
Tot Ion:152 Resp: 2310903

Ion Ratio Lower Upper

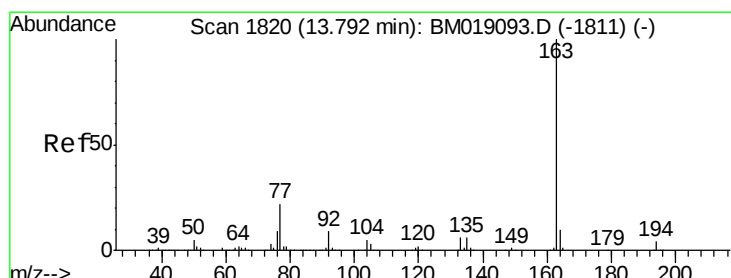
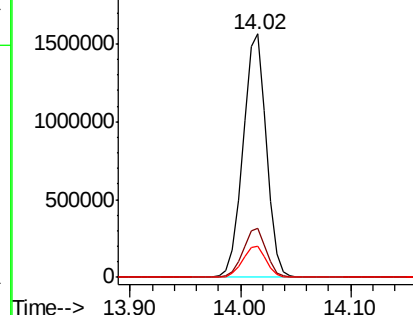
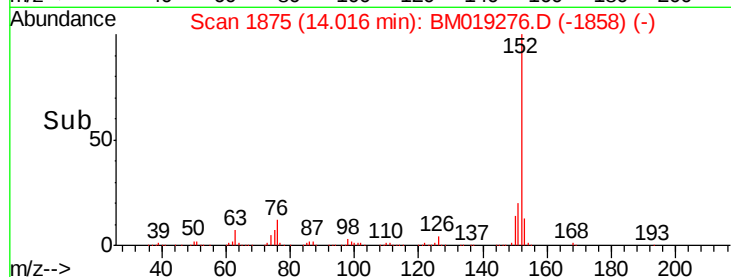
152 100

151 20.2 15.9 23.9

153 12.8 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.413 ng

RT: 13.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

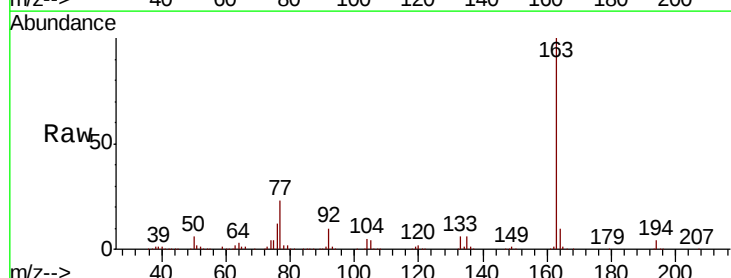
Tgt Ion:163 Resp: 1801639

Ion Ratio Lower Upper

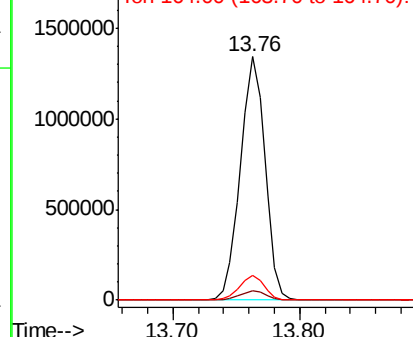
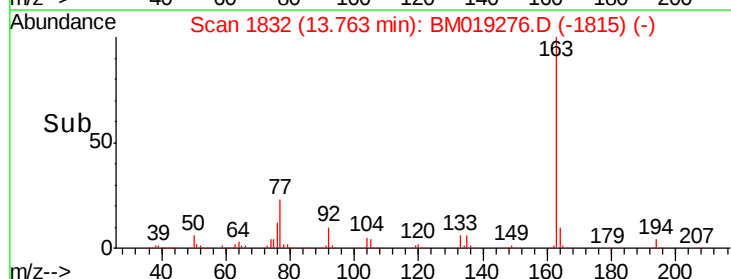
163 100

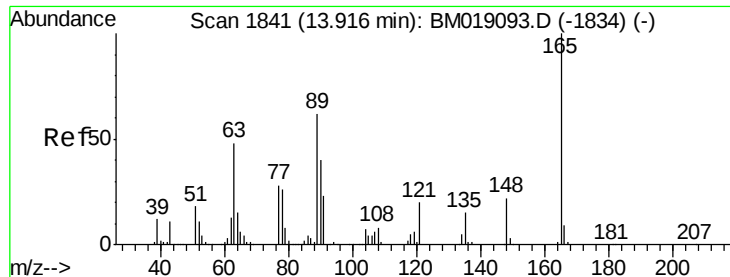
194 3.9 3.2 4.8

164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

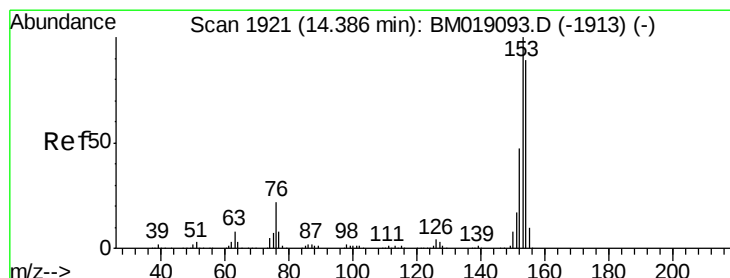
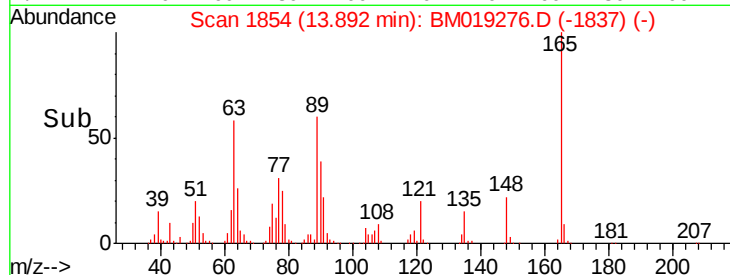
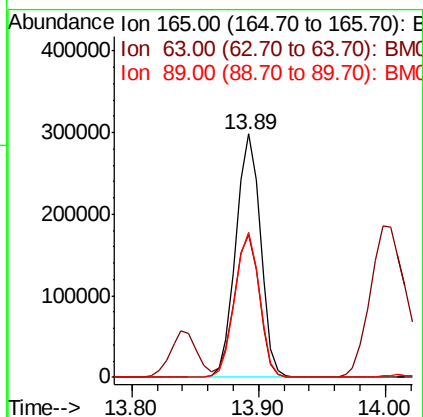
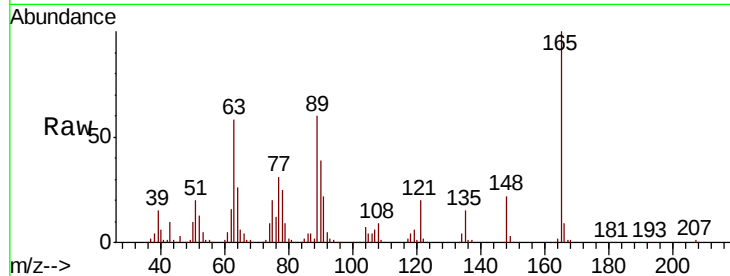




#51
 2,6-Dinitrotoluene
 Concen: 42.603 ng
 RT: 13.89 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

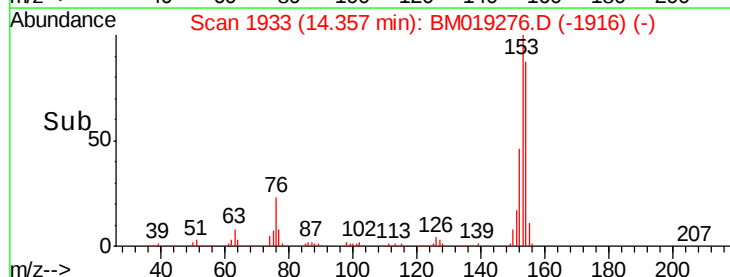
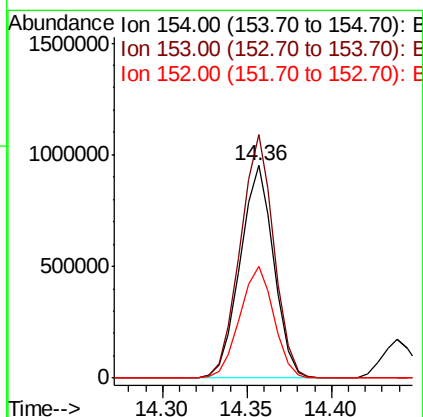
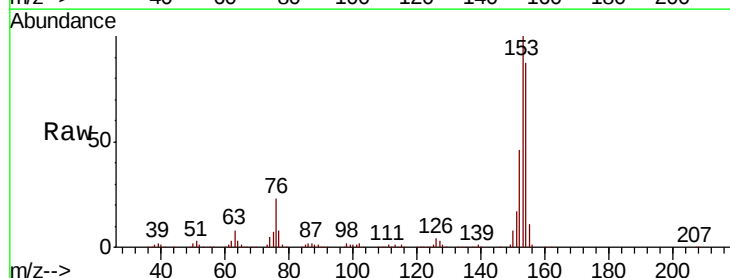
Instrument :
 BNA_M
 ClientSampleId :

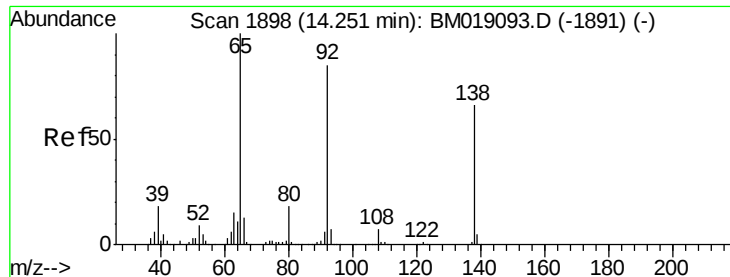
Tot Ion:165 Resp: 400646
 Ion Ratio Lower Upper
 165 100
 63 58.5 46.7 70.1
 89 59.7 47.7 71.5



#52
 Acenaphthene
 Concen: 41.056 ng
 RT: 14.36 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Tgt Ion:154 Resp: 1322333
 Ion Ratio Lower Upper
 154 100
 153 114.5 91.0 136.4
 152 52.6 42.1 63.1

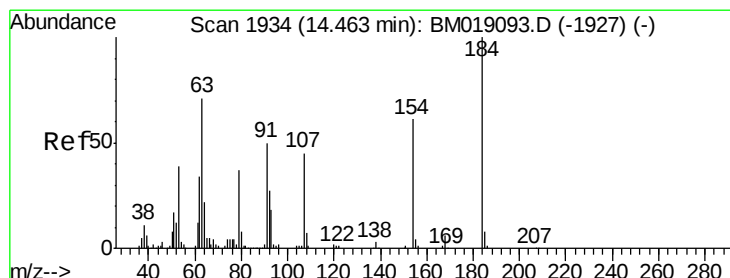
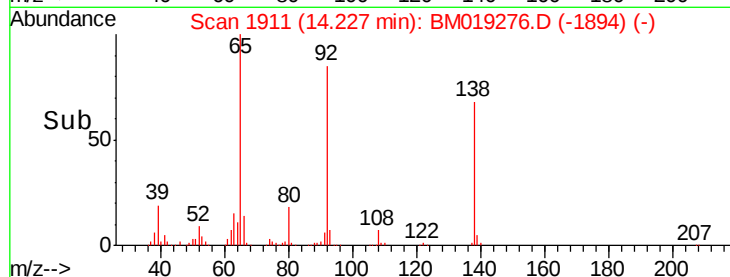
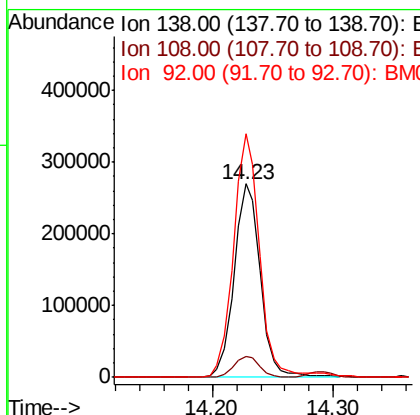
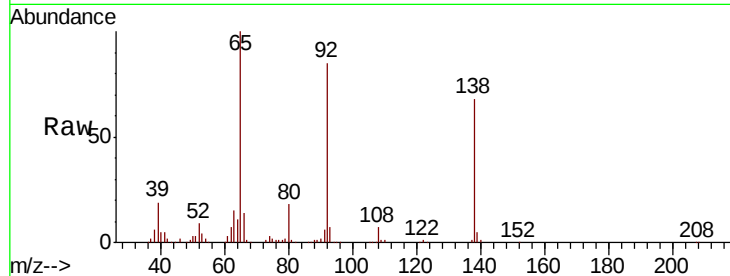




#53
3-Nitroaniline
Concen: 40.970 ng
RT: 14.23 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

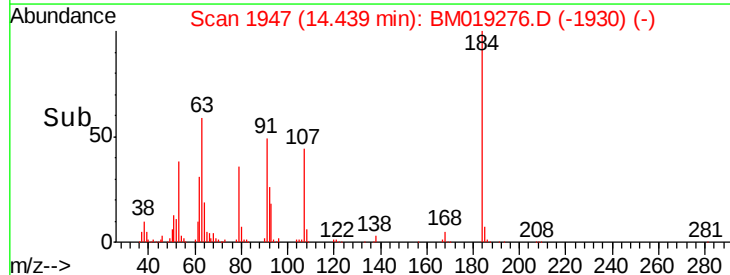
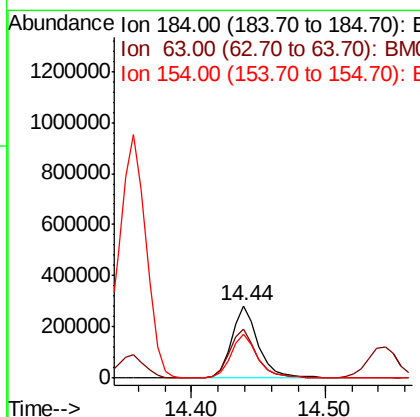
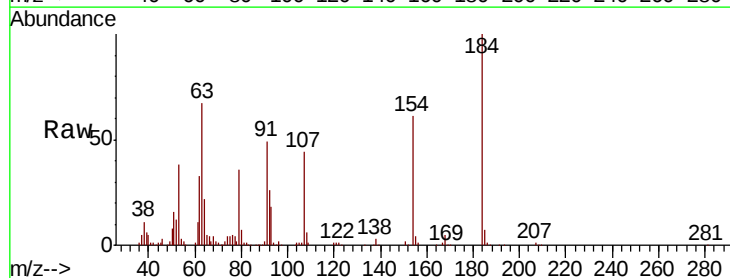
Instrument :
BNA_M
ClientSampleId :

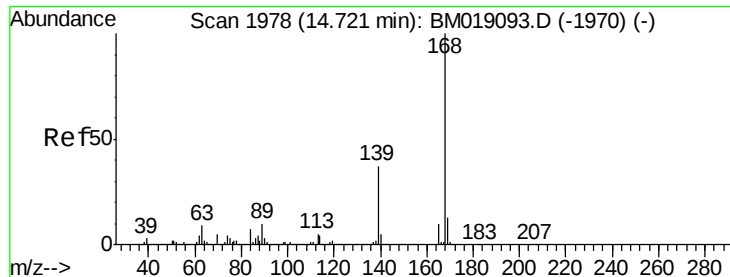
Tot Ion:138 Resp: 408068
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 125.9 100.2 150.2



#54
2,4-Dinitrophenol
Concen: 72.090 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion:184 Resp: 393718
Ion Ratio Lower Upper
184 100
63 67.4 55.7 83.5
154 60.9 48.6 73.0





#55

Dibenzofuran

Concen: 42.107 ng

RT: 14.69 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

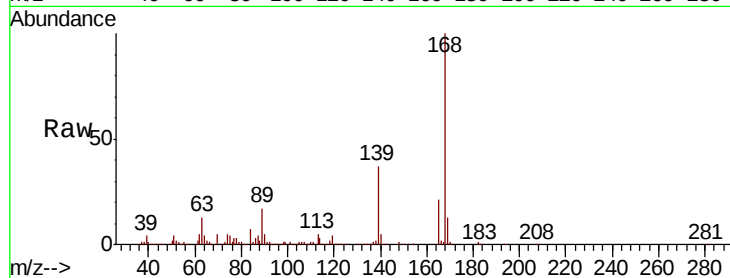
Instrument :

BNA_M

ClientSampleId :

Tot Ion:168 Resp: 2187135

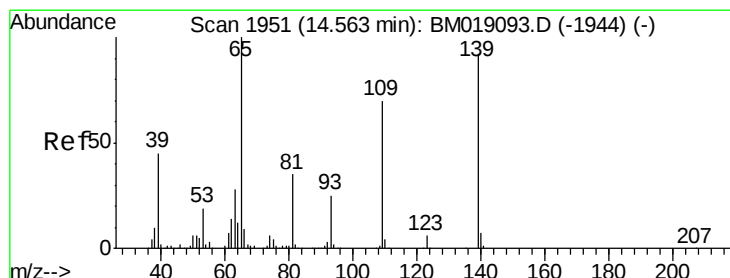
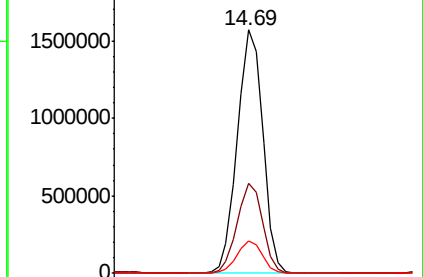
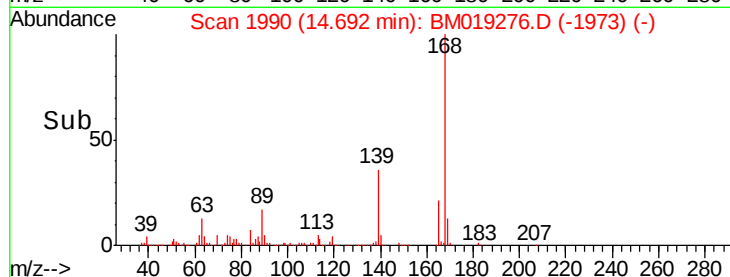
Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.8	44.6
169	13.2	10.8	16.2



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: 76.952 ng

RT: 14.54 min Scan# 1965

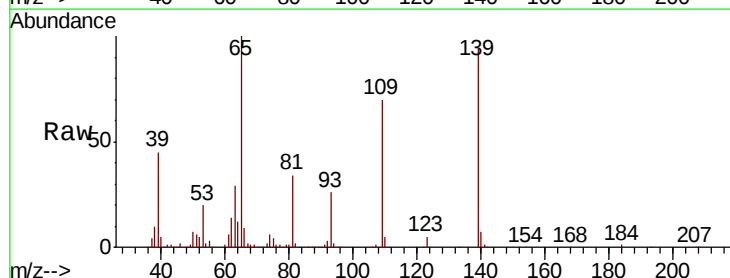
Delta R.T. 0.01 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Tgt Ion:139 Resp: 625794

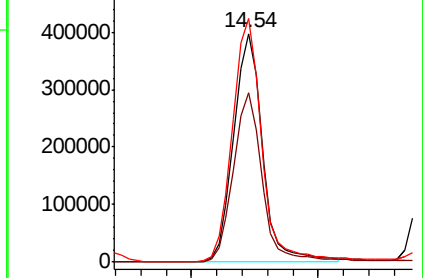
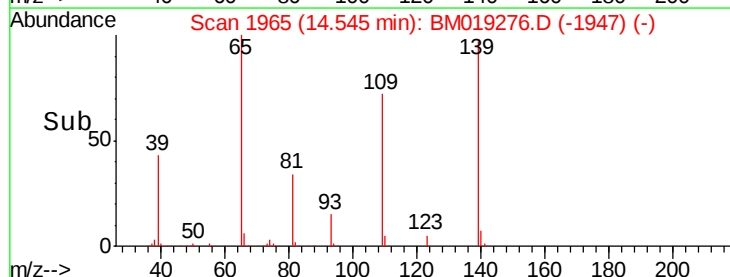
Ion	Ratio	Lower	Upper
139	100		
109	74.4	55.0	95.0
65	106.6	87.8	127.8

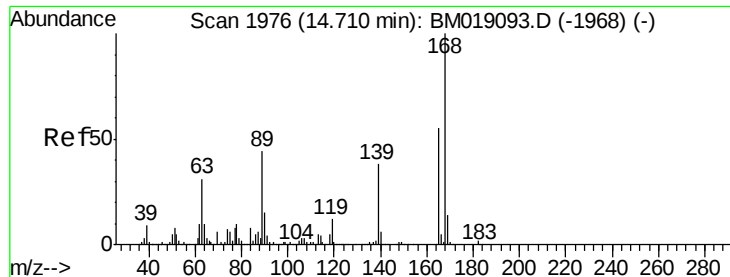


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

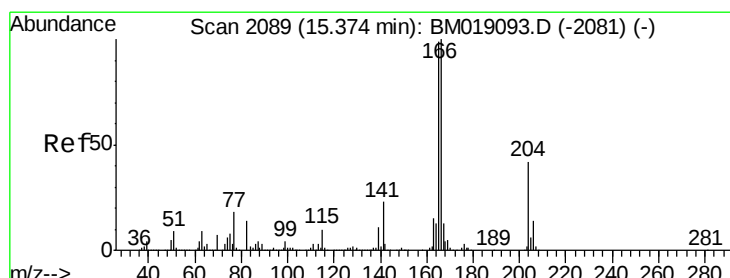
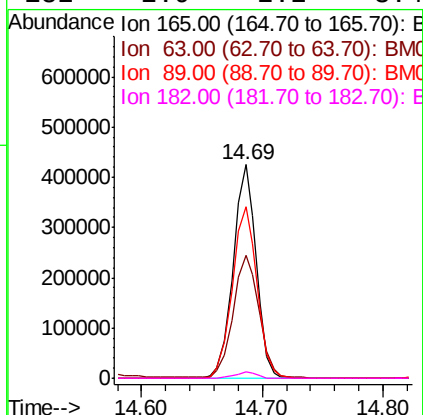
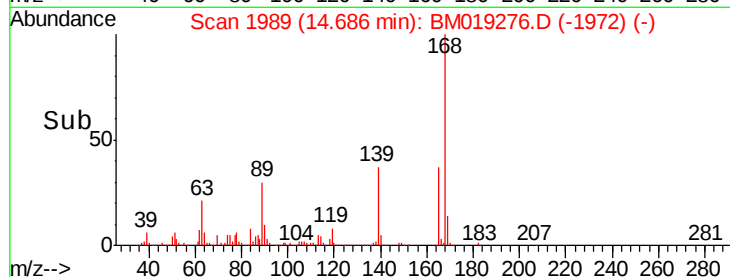
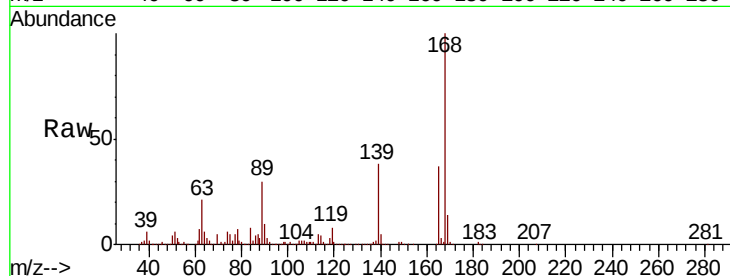




#57
2,4-Dinitrotoluene
Concen: 41.444 ng
RT: 14.69 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

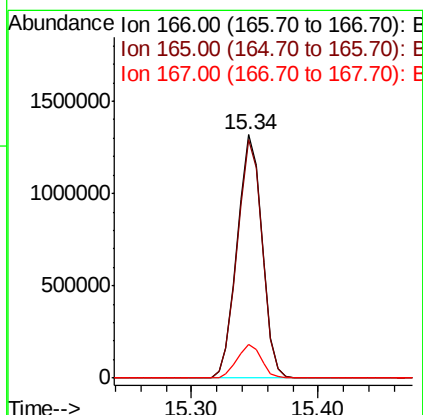
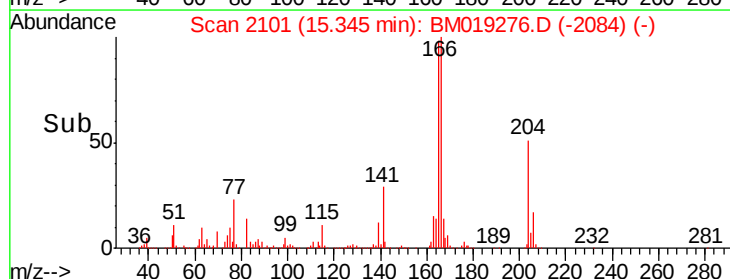
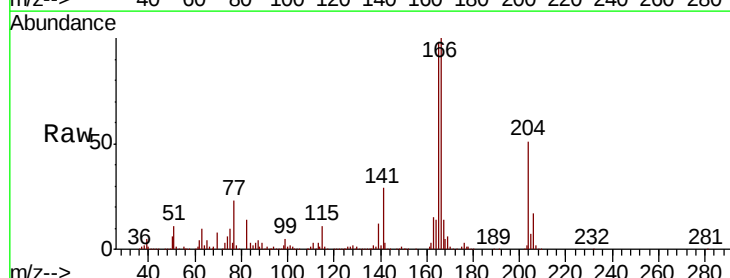
Instrument :
BNA_M
ClientSampleId :

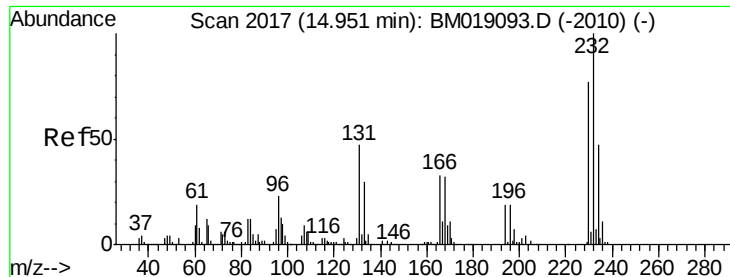
Tot Ion:165 Resp: 565758
Ion Ratio Lower Upper
165 100
63 57.3 47.2 70.8
89 80.3 65.5 98.3
182 2.9 2.2 3.4



#58
Fluorene
Concen: 41.666 ng
RT: 15.34 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion:166 Resp: 1783913
Ion Ratio Lower Upper
166 100
165 98.0 78.6 118.0
167 13.7 10.7 16.1

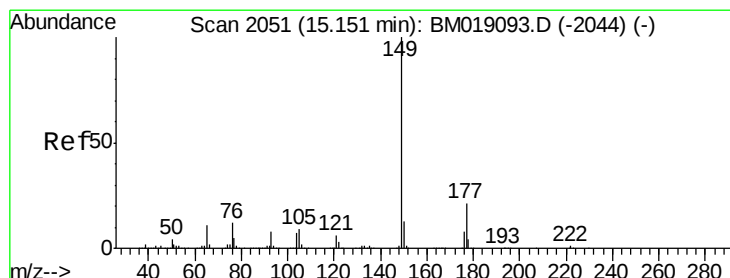
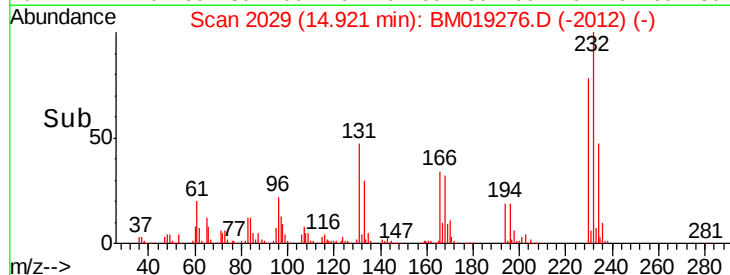
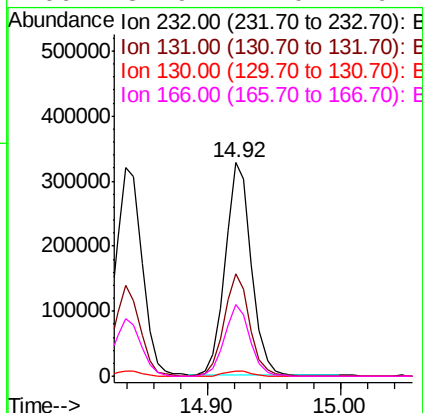
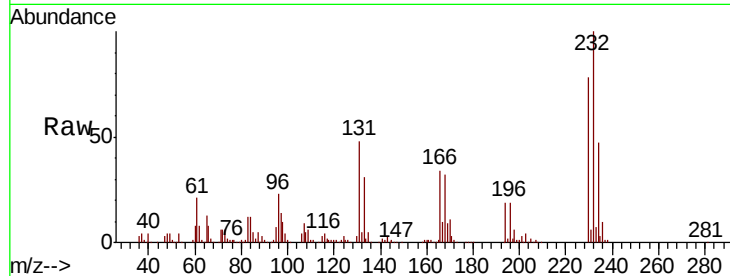




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.389 ng
RT: 14.92 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

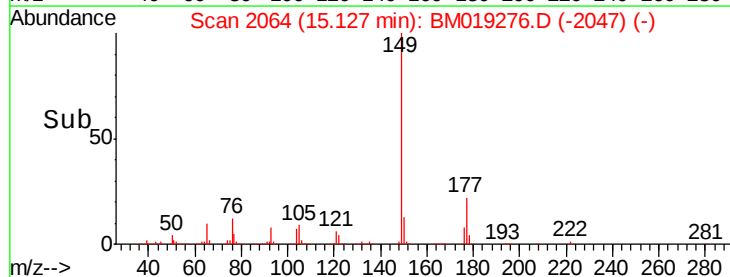
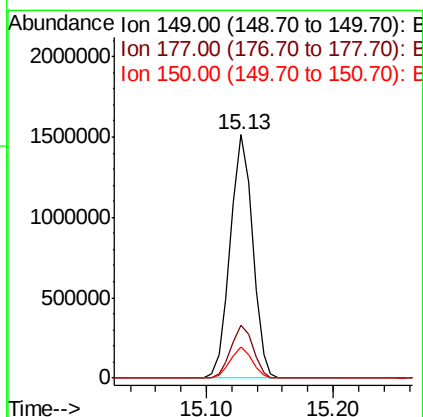
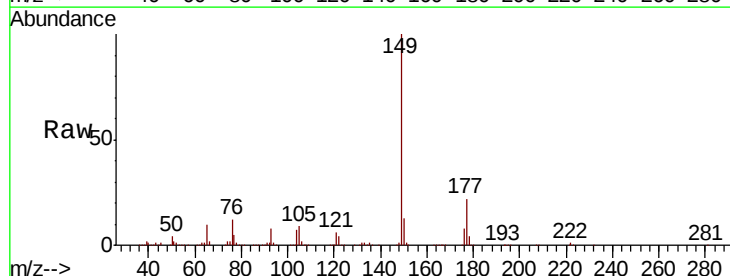
Instrument :
BNA_M
ClientSampleId :

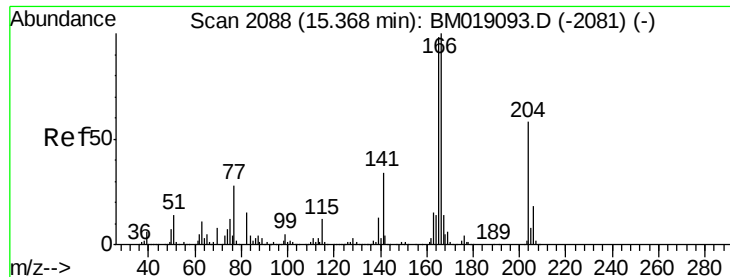
Tot Ion:232 Resp: 449039
Ion Ratio Lower Upper
232 100
131 46.9 37.2 55.8
130 2.5 2.0 3.0
166 32.9 27.0 40.4



#60
Diethylphthalate
Concen: 41.832 ng
RT: 15.13 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion:149 Resp: 1843104
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 12.7 10.1 15.1

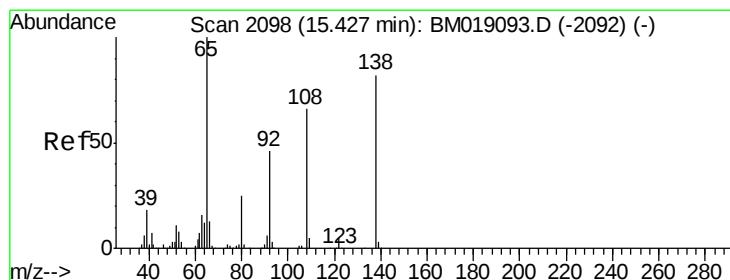
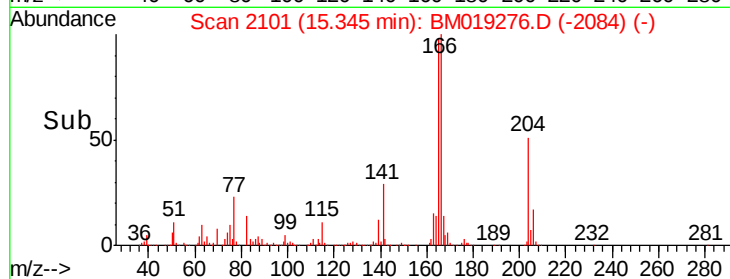
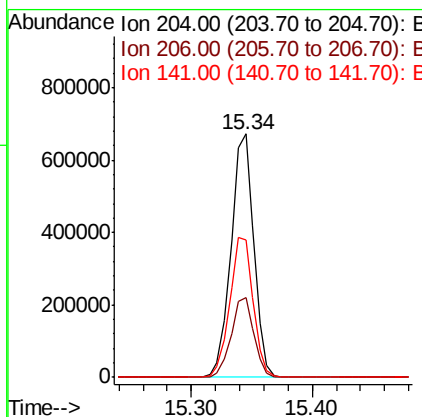
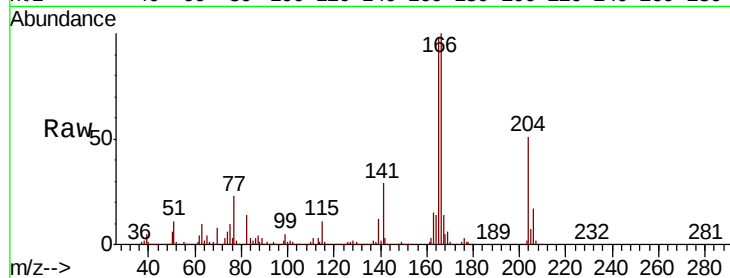




#61
4-Chlorophenyl-phenylether
Concen: 42.437 ng
RT: 15.34 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

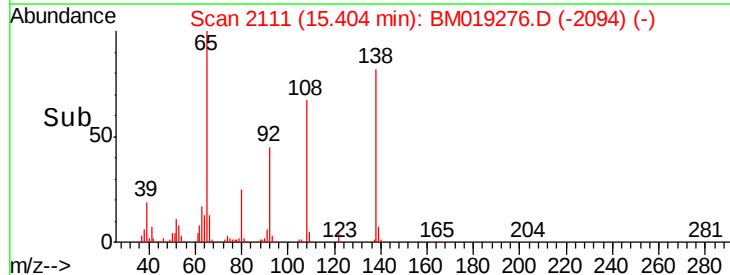
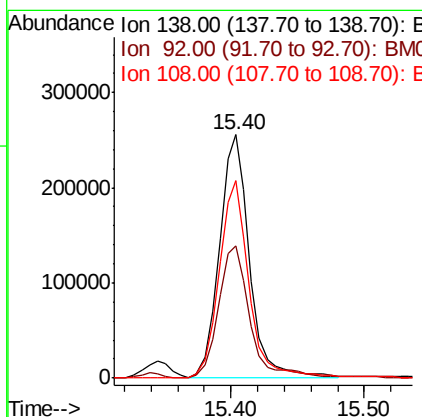
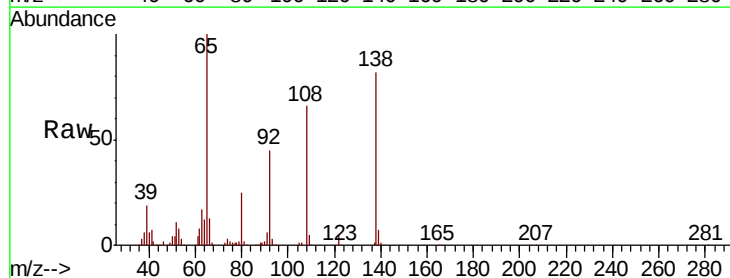
Instrument :
BNA_M
ClientSampleId :

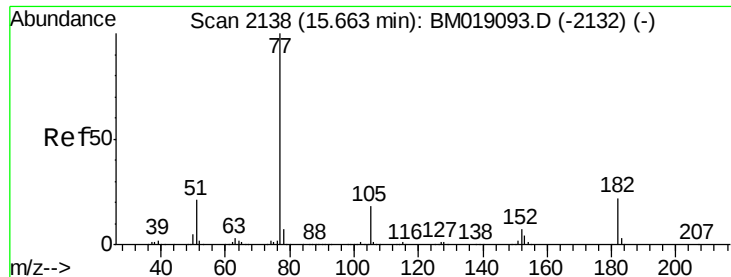
Tot Ion:204 Resp: 882452
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 56.2 45.8 68.8



#62
4-Nitroaniline
Concen: 39.695 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion:138 Resp: 398444
Ion Ratio Lower Upper
138 100
92 54.5 34.8 74.8
108 81.0 58.9 98.9

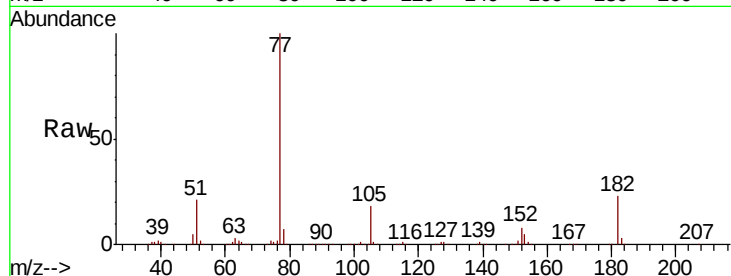




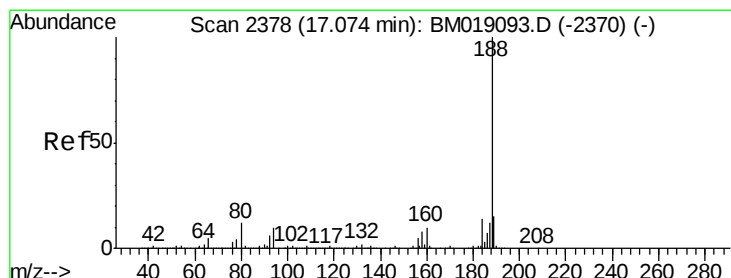
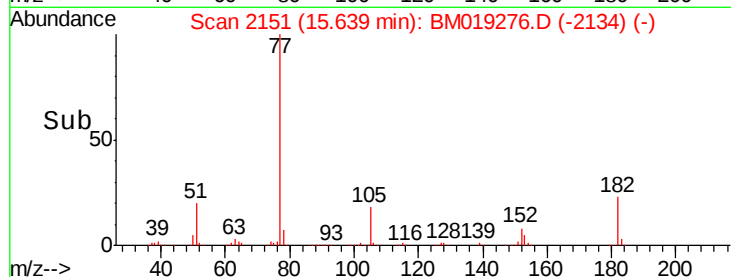
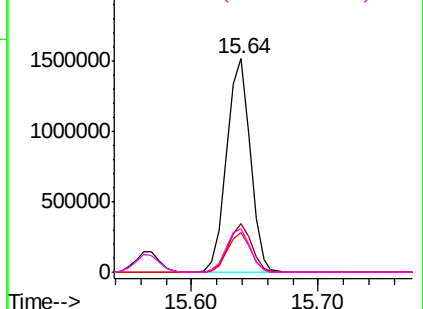
#63
Azobenzene
Concen: 42.013 ng
RT: 15.64 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 1947846
Ion Ratio Lower Upper
77 100
182 23.0 2.7 42.7
105 18.4 0.0 38.1
51 20.6 0.7 40.7

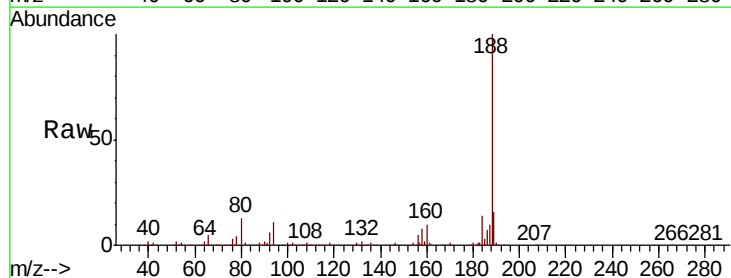


Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-2132) (-)
Ion 182.00 (181.70 to 182.70): BM019093.D (-2132) (-)
Ion 105.00 (104.70 to 105.70): BM019093.D (-2132) (-)
Ion 51.00 (50.70 to 51.70): BM019093.D (-2132) (-)

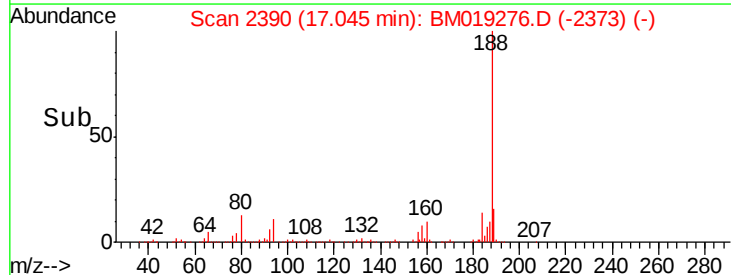
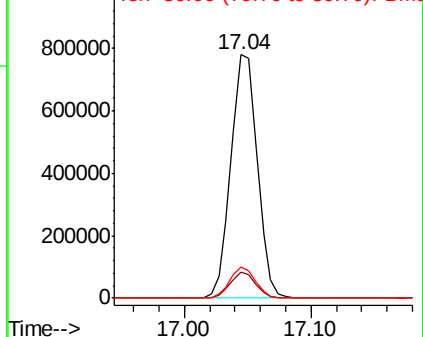


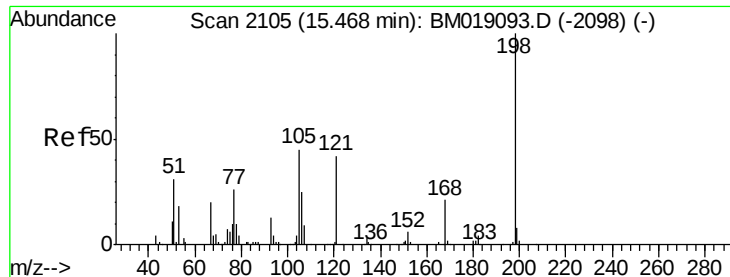
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion: 188 Resp: 1122636
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 12.7 9.8 14.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 39.120 ng

RT: 15.44 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampled :

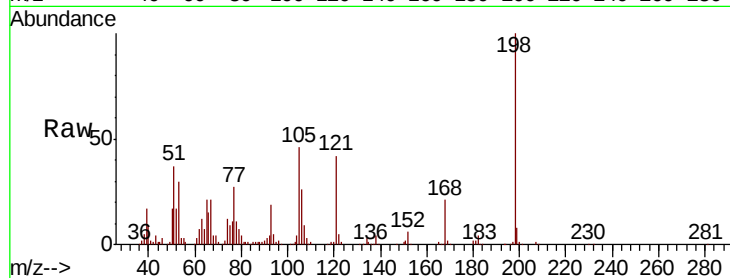
Tot Ion:198 Resp: 287789

Ion Ratio Lower Upper

198 100

51 37.3 16.1 56.1

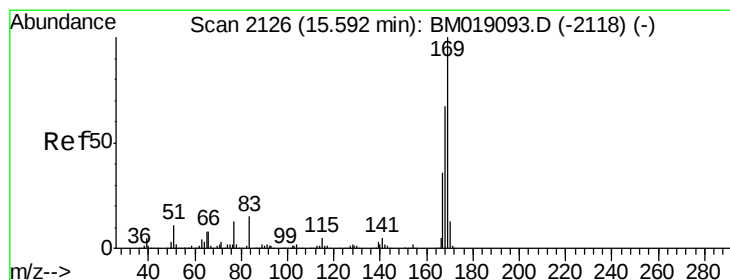
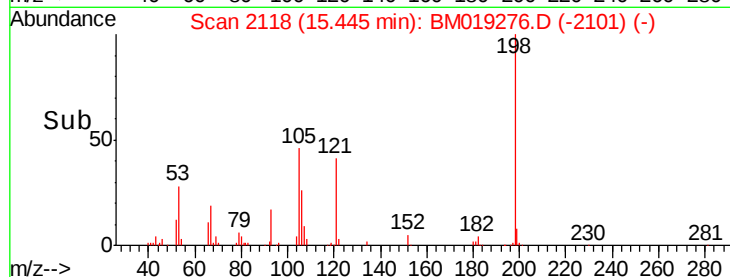
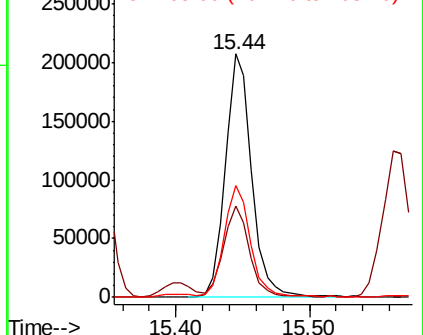
105 46.0 25.1 65.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM019276.D (-2101) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.947 ng

RT: 15.57 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

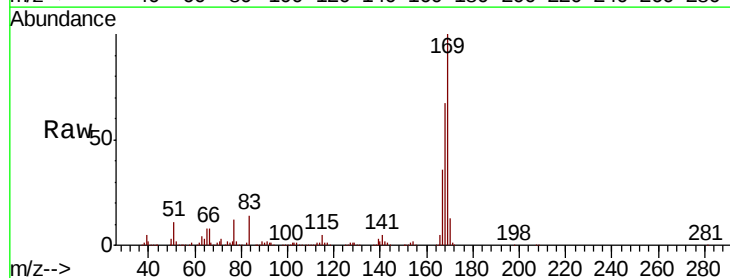
Tgt Ion:169 Resp: 1534974

Ion Ratio Lower Upper

169 100

168 67.2 55.0 82.4

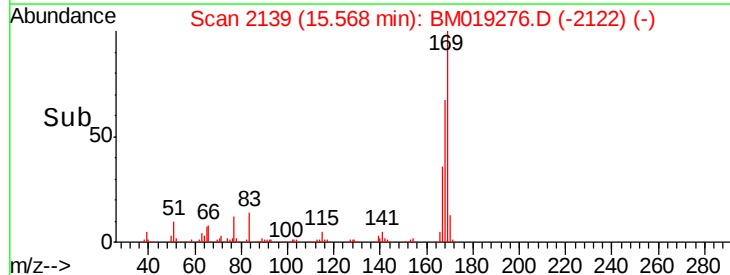
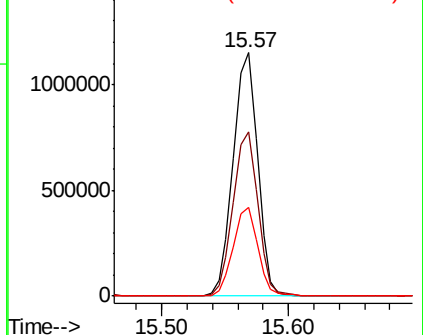
167 36.3 29.1 43.7

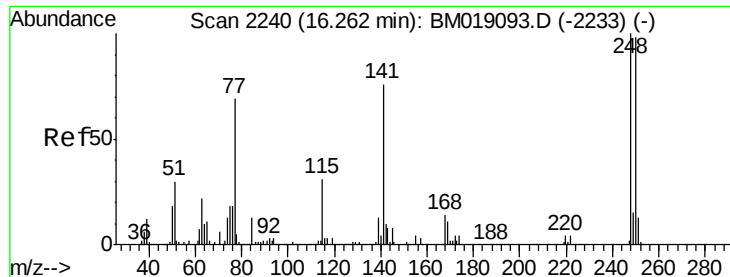


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

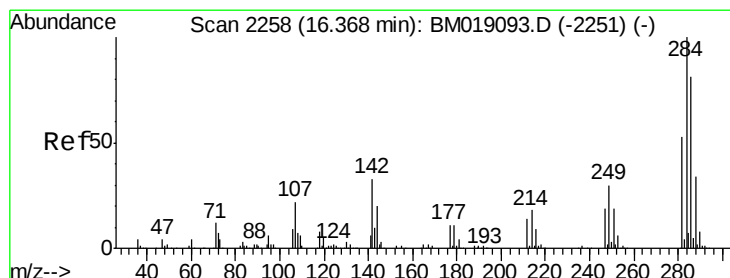
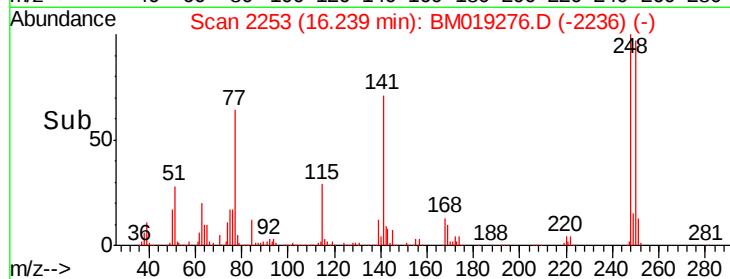
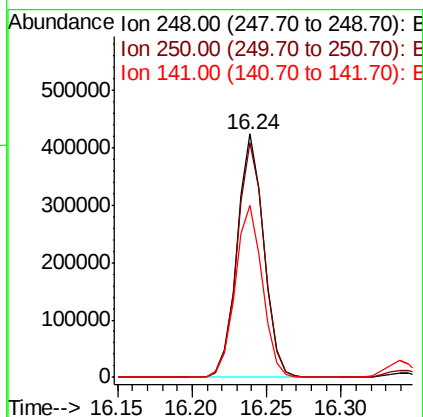
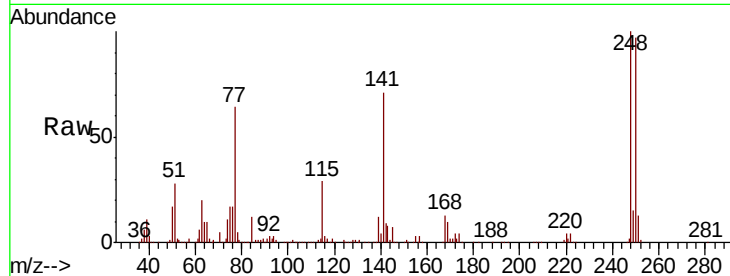




#67
4-Bromophenyl-phenylether
Concen: 42.617 ng
RT: 16.24 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

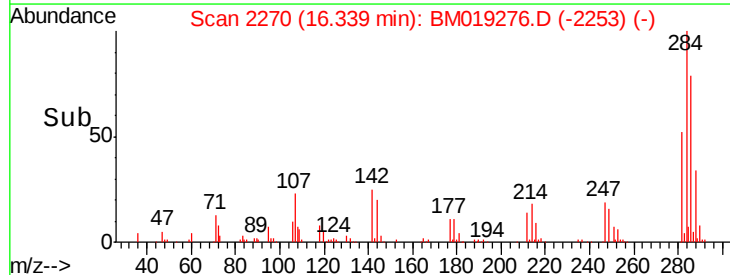
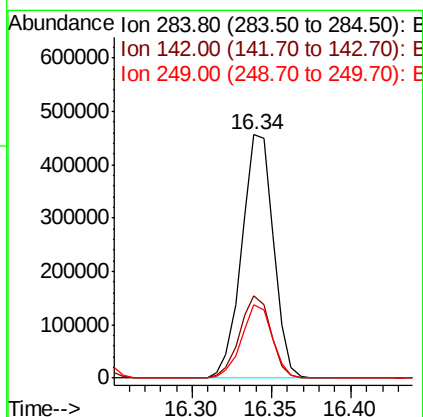
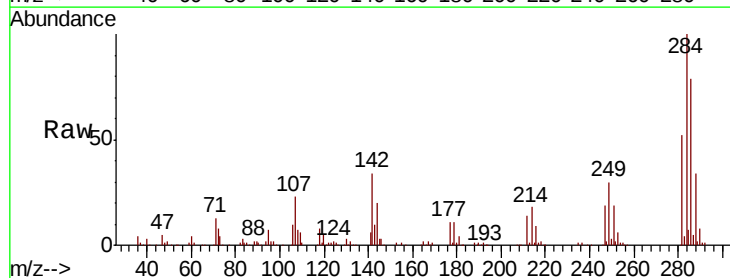
Instrument :
BNA_M
ClientSampled :

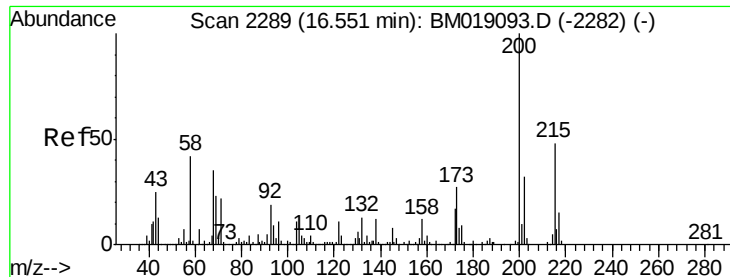
Tot Ion:248 Resp: 527596
Ion Ratio Lower Upper
248 100
250 96.5 78.2 117.2
141 70.7 57.2 85.8



#68
Hexachlorobenzene
Concen: 43.054 ng
RT: 16.34 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion:284 Resp: 633676
Ion Ratio Lower Upper
284 100
142 33.7 27.9 41.9
249 30.1 23.5 35.3

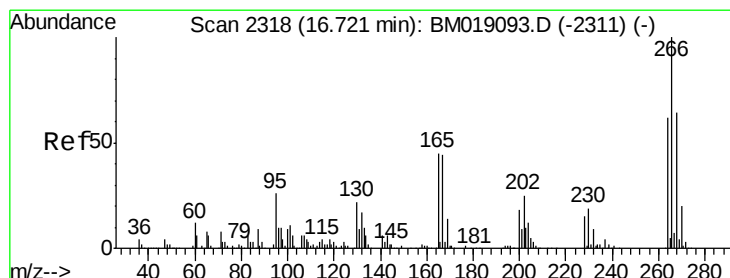
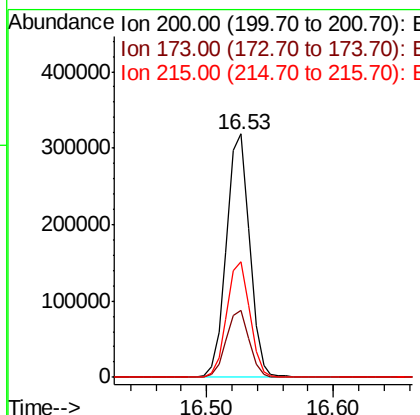
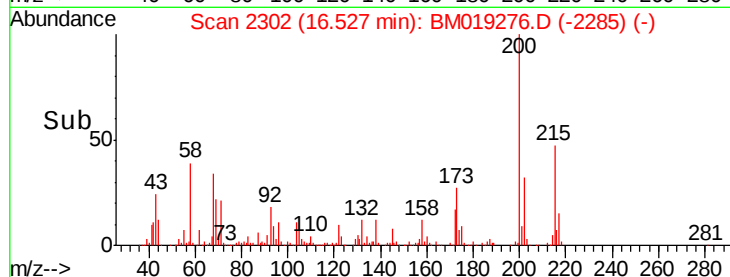
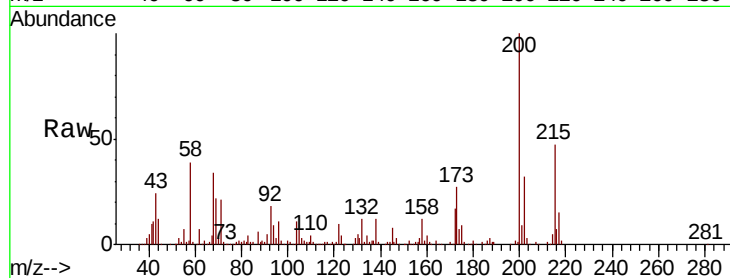




#69
Atrazine
Concen: 33.614 ng
RT: 16.53 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

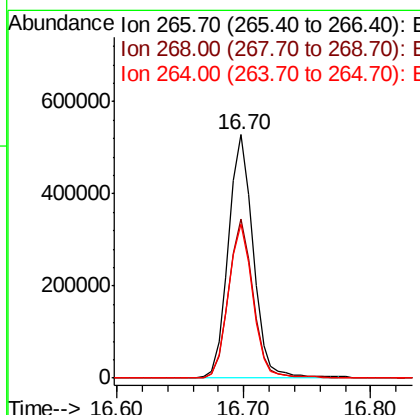
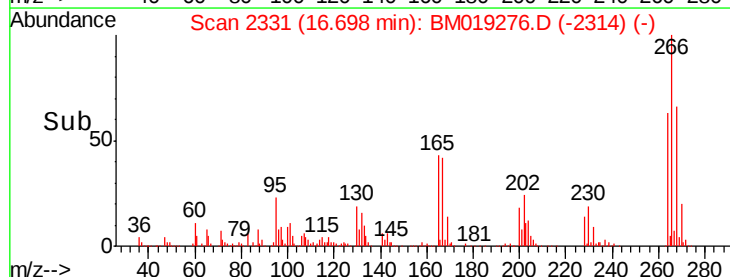
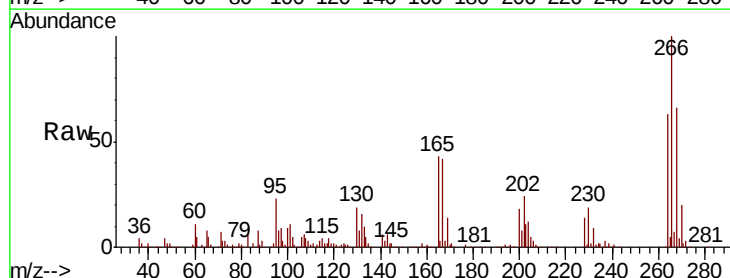
Instrument :
BNA_M
ClientSampleId :

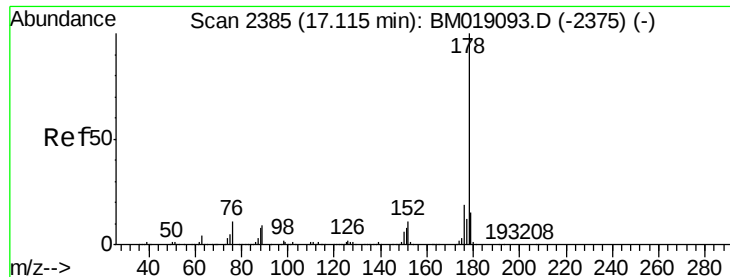
Tot Ion:200 Resp: 404415
Ion Ratio Lower Upper
200 100
173 27.3 6.8 46.8
215 47.3 26.4 66.4



#70
Pentachlorophenol
Concen: 80.525 ng
RT: 16.70 min Scan# 2331
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion:266 Resp: 714062
Ion Ratio Lower Upper
266 100
268 65.5 52.0 78.0
264 63.3 50.6 76.0

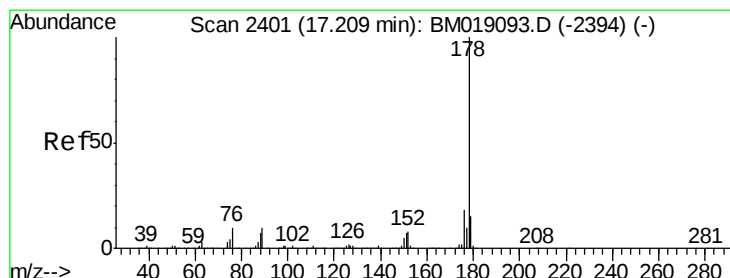
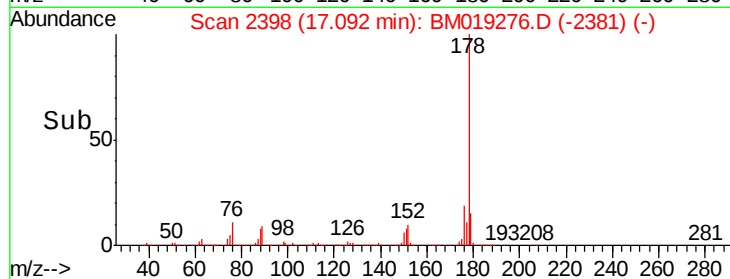
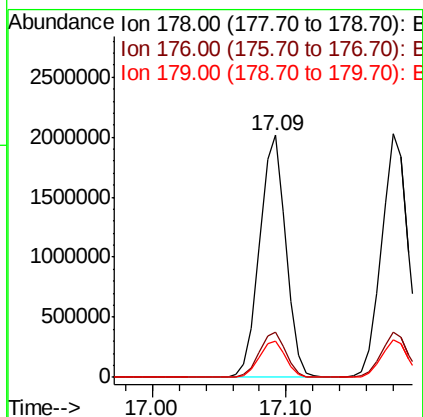
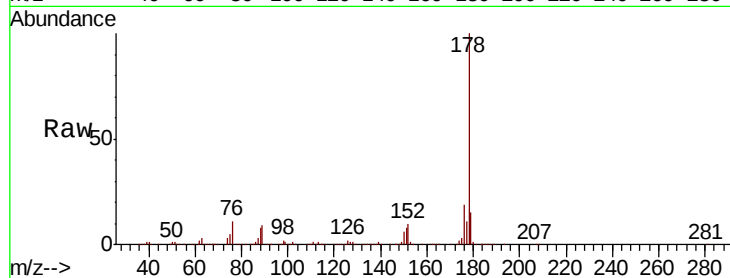




#71
Phenanthrene
Concen: 41.220 ng
RT: 17.09 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

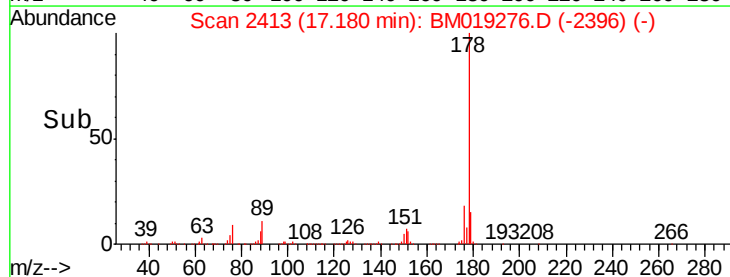
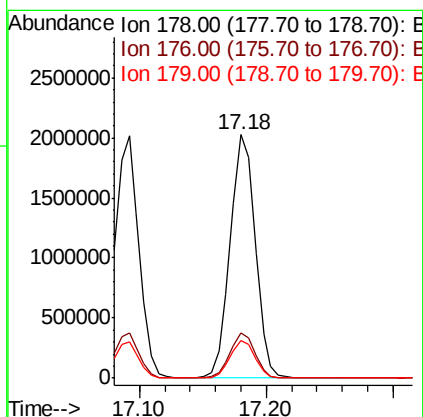
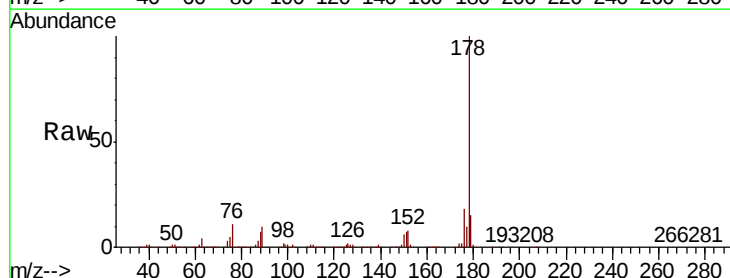
Instrument :
BNA_M
ClientSampled :

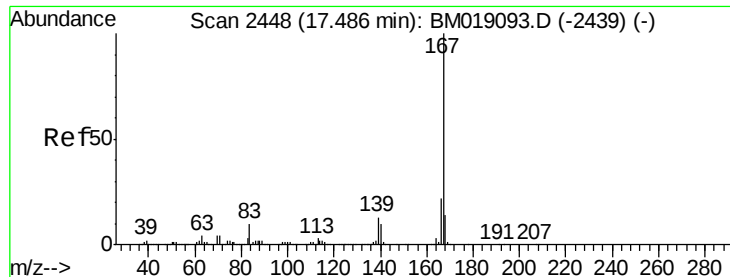
Tot Ion:178 Resp: 2712333
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.2 12.2 18.4



#72
Anthracene
Concen: 42.875 ng
RT: 17.18 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion:178 Resp: 2761916
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.4 12.2 18.2

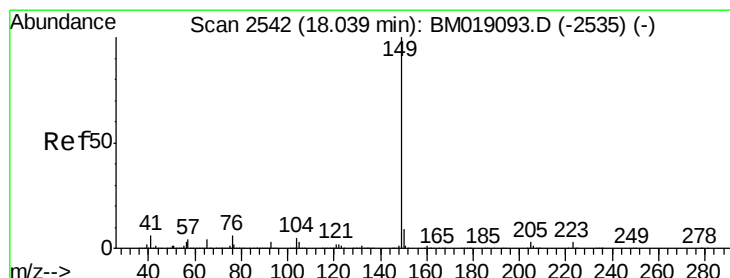
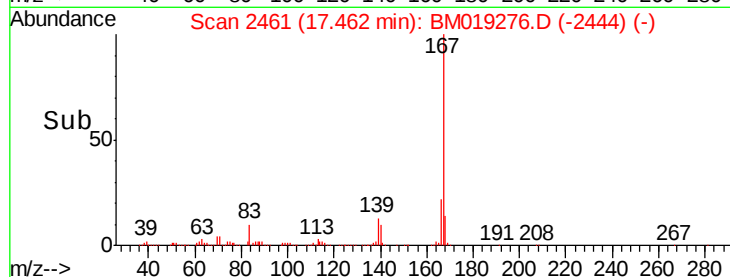
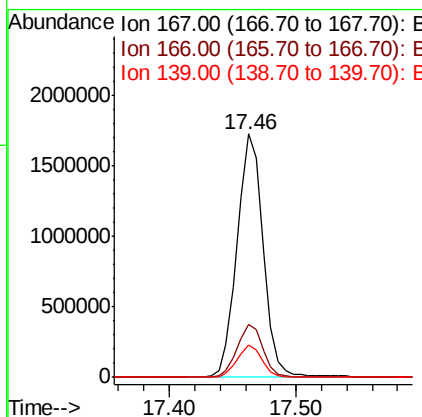
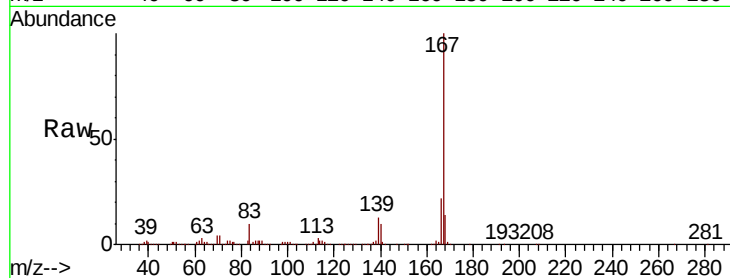




#73
 Carbazole
 Concen: 40.397 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

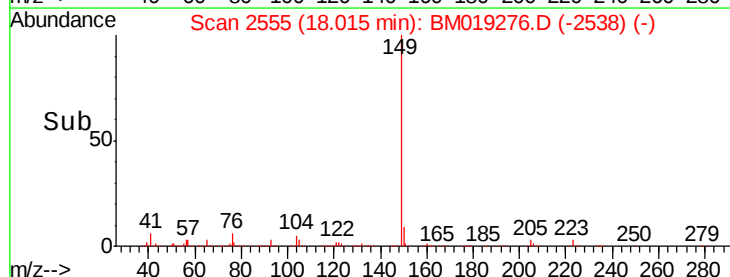
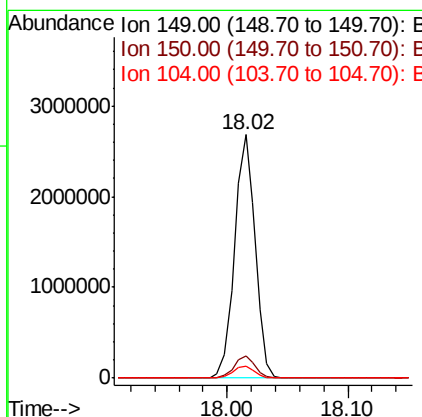
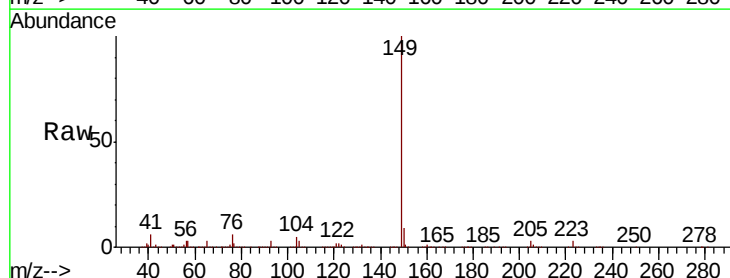
Instrument :
 BNA_M
 ClientSampleId :

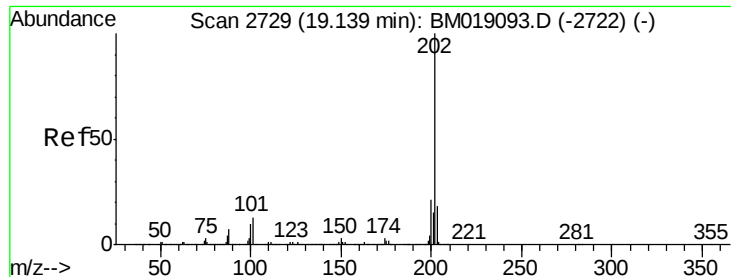
Tot Ion:167 Resp: 2456110
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.1 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 43.277 ng
 RT: 18.02 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Tgt Ion:149 Resp: 3181795
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.1 4.1 6.1

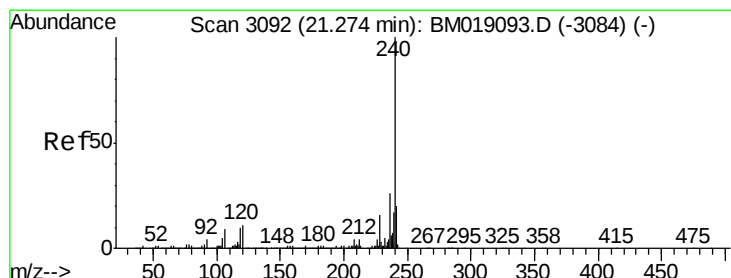
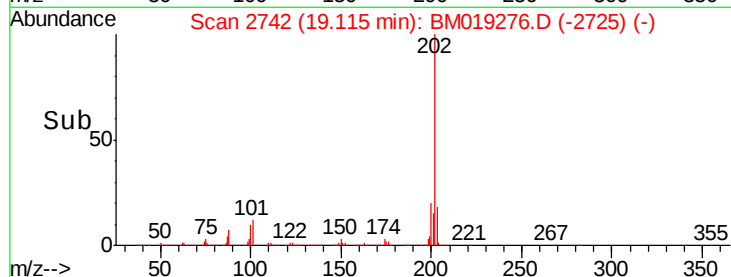
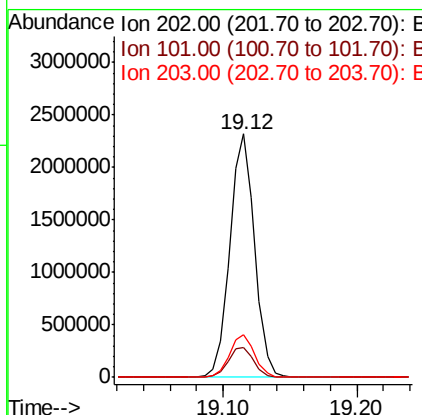
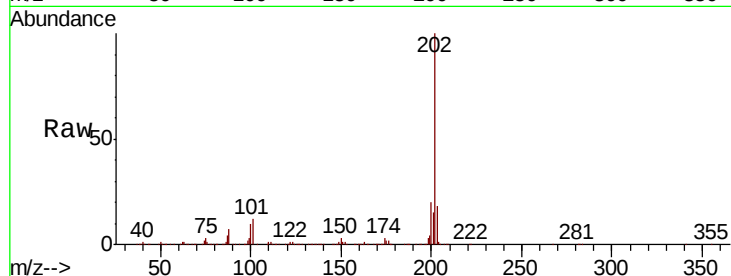




#75
 Fluoranthene
 Concen: 39.697 ng
 RT: 19.12 min Scan# 2742
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

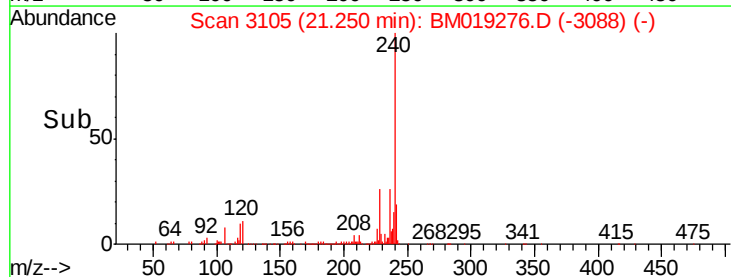
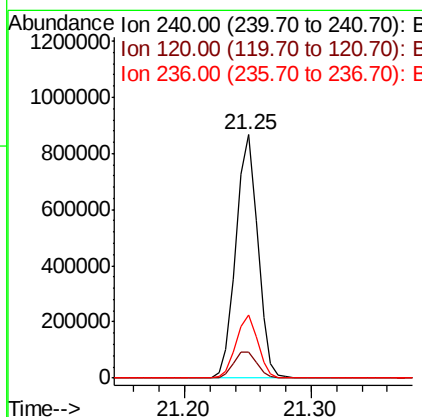
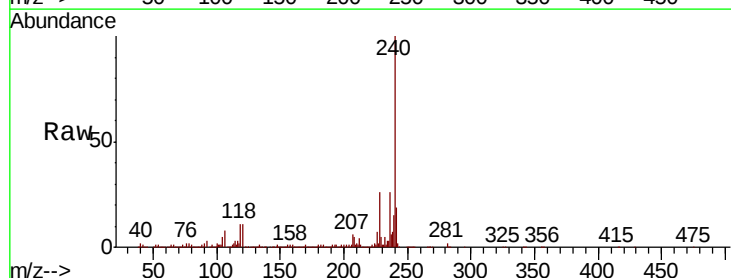
Instrument :
 BNA_M
 ClientSampleId :

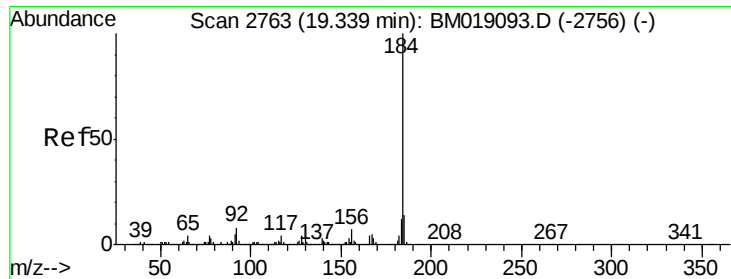
Tot Ion:202 Resp: 2997365
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 32.8
 203 17.6 0.0 37.3



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Tgt Ion:240 Resp: 1034878
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.2 13.8
 236 25.7 20.3 30.5





#77

Benzidine

Concen: 96.140 ng

RT: 19.32 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampled :

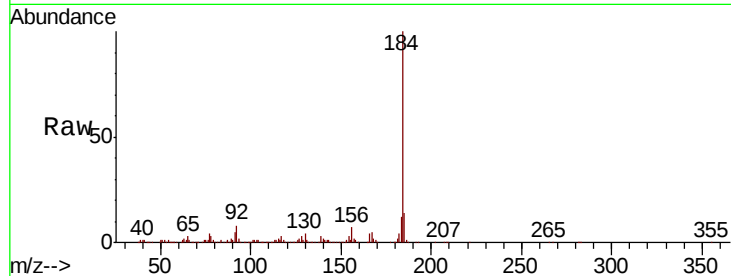
Tot Ion:184 Resp: 2821698

Ion Ratio Lower Upper

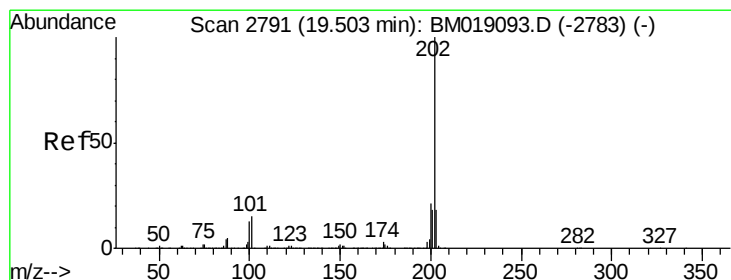
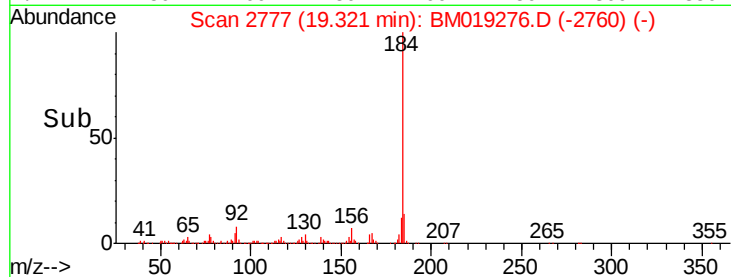
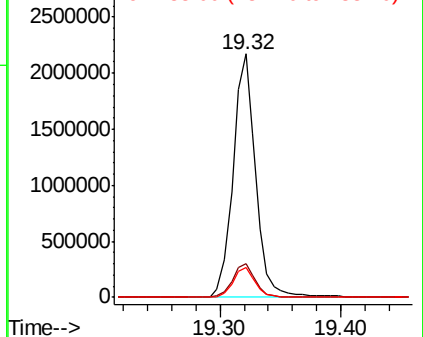
184 100

185 13.9 11.2 16.8

183 12.2 9.7 14.5



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: 46.451 ng

RT: 19.48 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

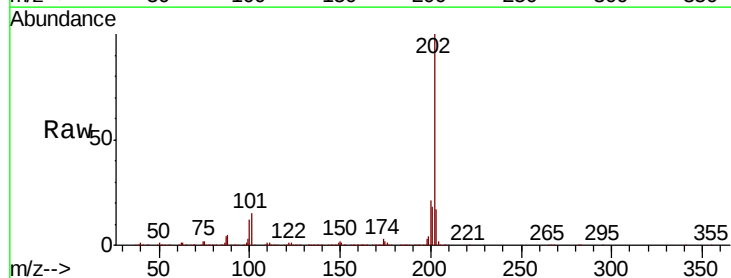
Tgt Ion:202 Resp: 3041483

Ion Ratio Lower Upper

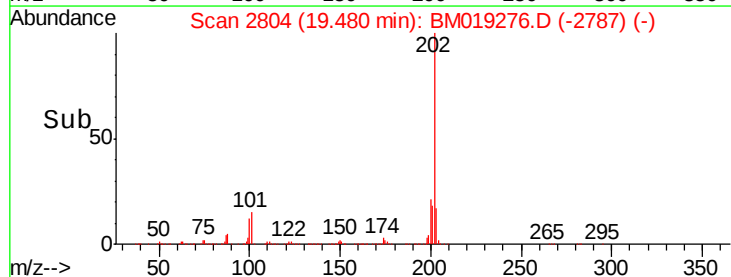
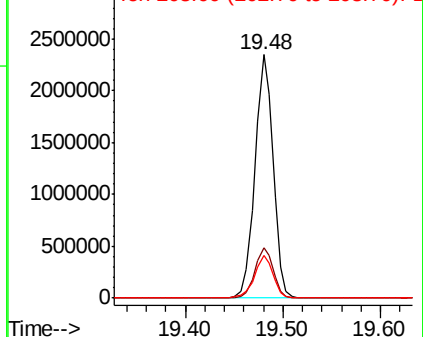
202 100

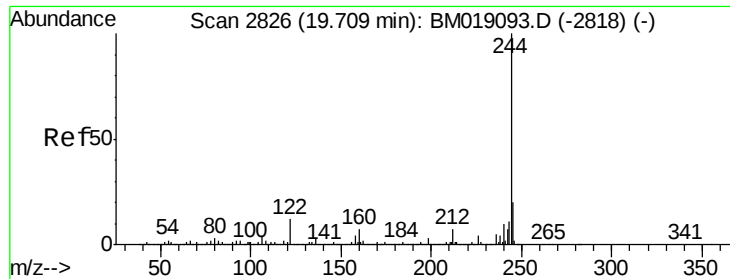
200 20.9 16.7 25.1

203 17.5 13.9 20.9



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: 102.454 ng

RT: 19.69 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampled :

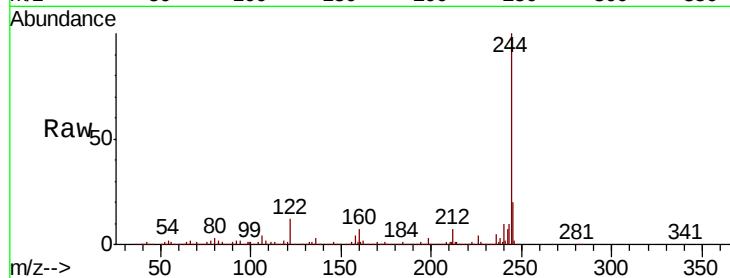
Tot Ion:244 Resp: 5340849

Ion Ratio Lower Upper

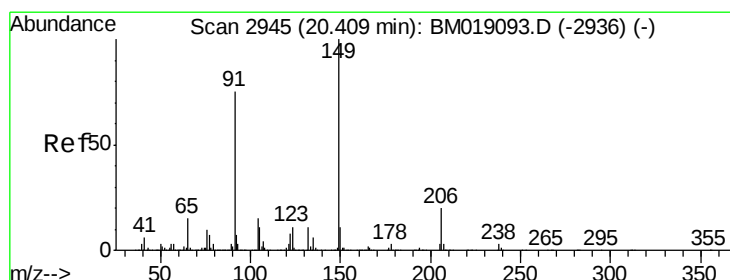
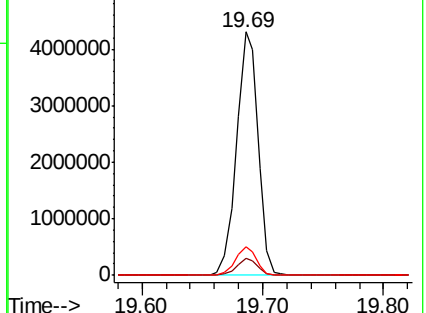
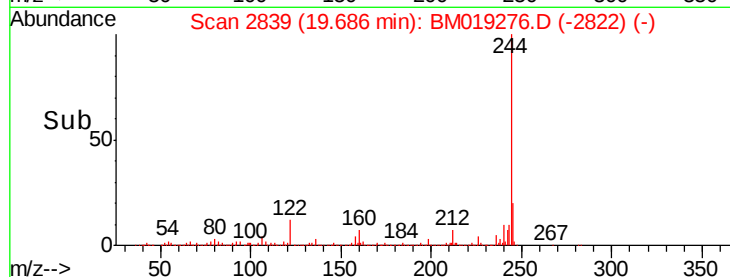
244 100

212 6.8 5.4 8.2

122 11.8 9.6 14.4



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: 50.581 ng

RT: 20.39 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

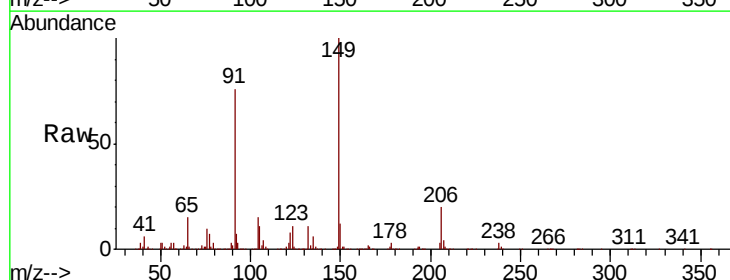
Tgt Ion:149 Resp: 1442529

Ion Ratio Lower Upper

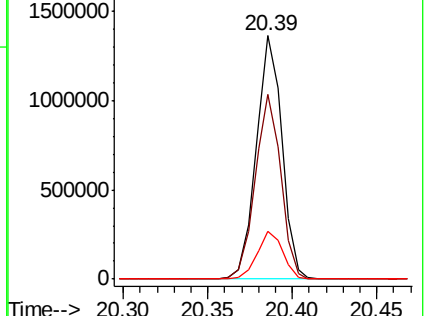
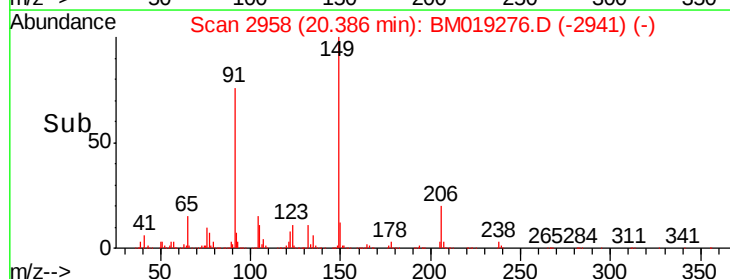
149 100

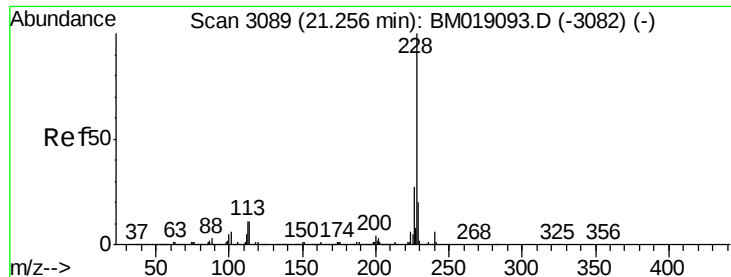
91 75.9 61.6 92.4

206 19.5 15.9 23.9



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: 41.760 ng

RT: 21.23 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

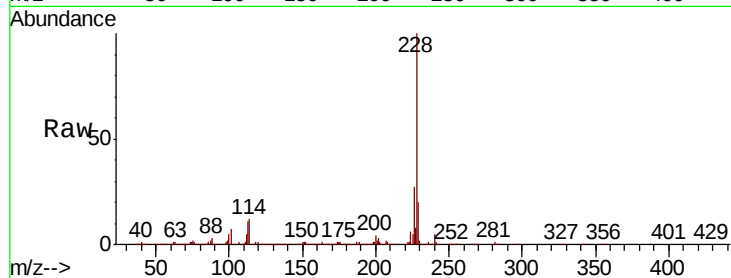
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 2711226

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.6	32.4
229	19.5	15.8	23.8

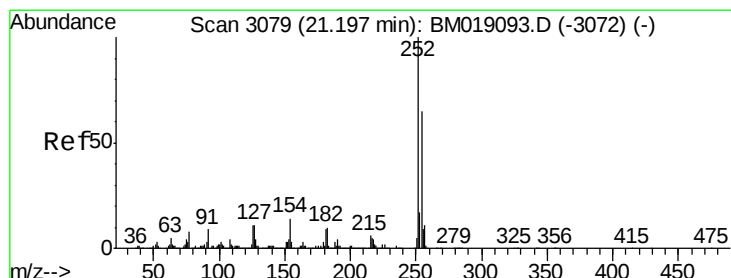
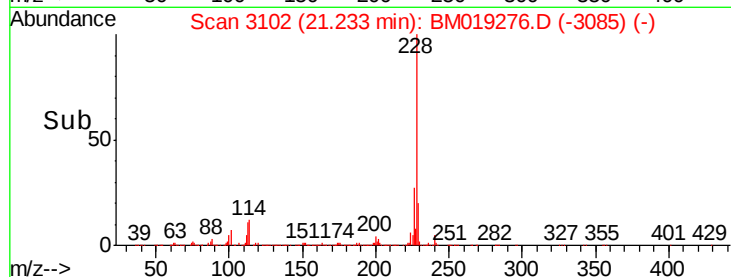
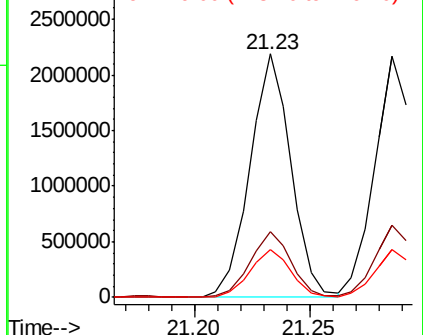


Abundance

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: 42.150 ng

RT: 21.17 min Scan# 3092

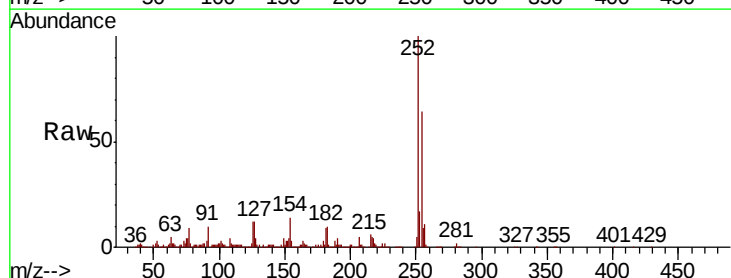
Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Tgt Ion:252 Resp: 1054205

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.0	76.4
126	11.7	9.2	13.8

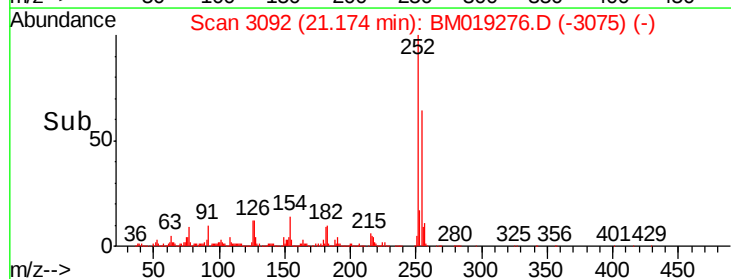
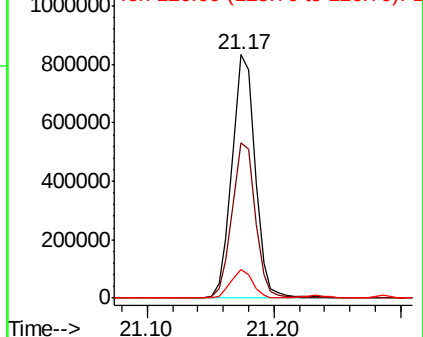


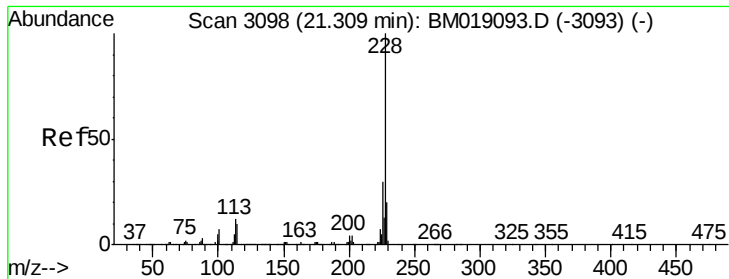
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 40.001 ng

RT: 21.29 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampled :

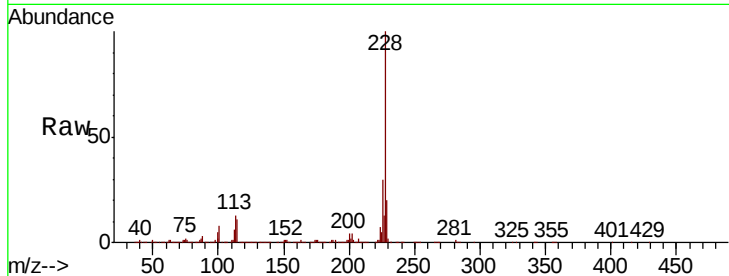
Tot Ion:228 Resp: 2512499

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

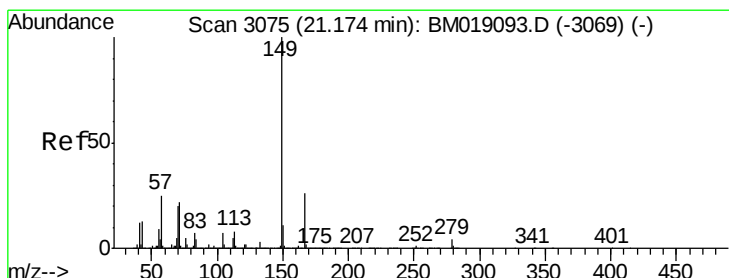
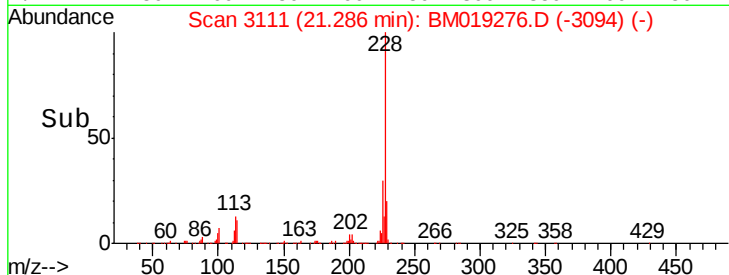
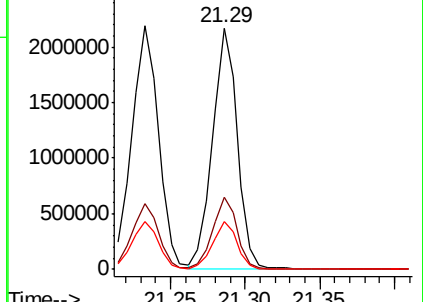
229 19.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.611 ng

RT: 21.16 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

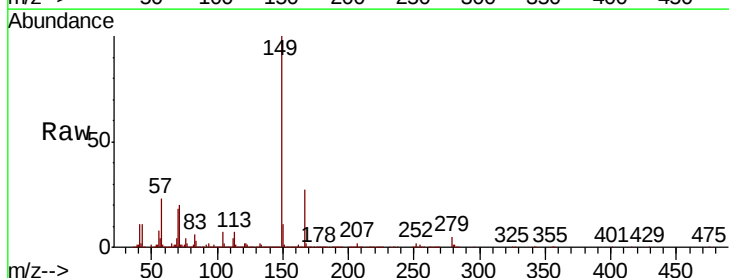
Tgt Ion:149 Resp: 2099910

Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.2

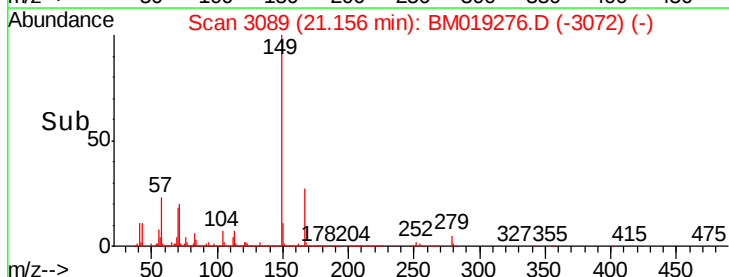
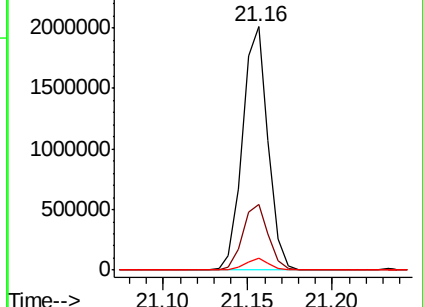
279 4.7 3.6 5.4

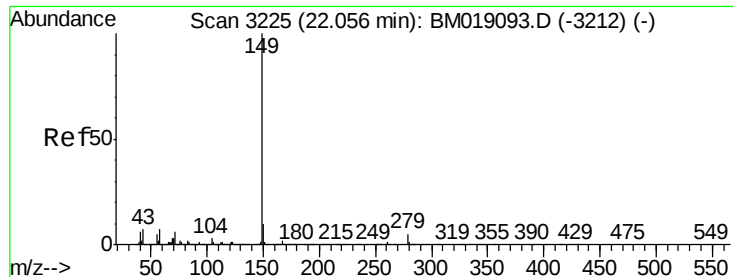


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.956 ng

RT: 22.03 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampleId :

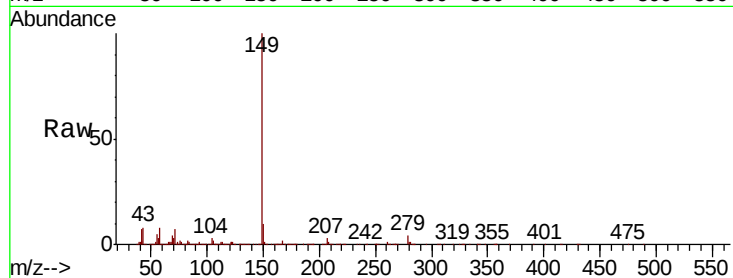
Tot Ion:149 Resp: 3350485

Ion Ratio Lower Upper

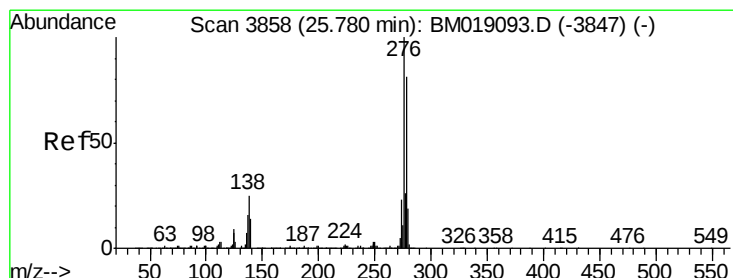
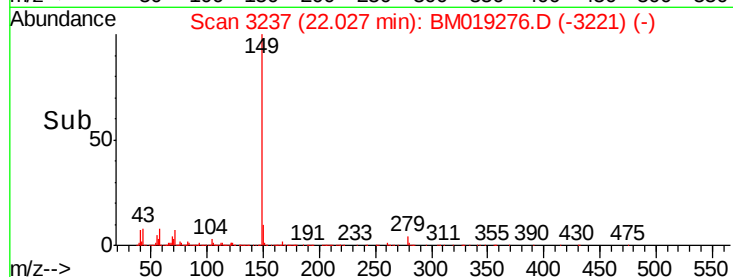
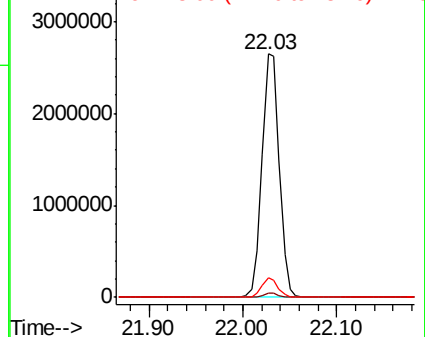
149 100

167 1.6 1.3 1.9

43 7.6 6.0 9.0



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.968 ng

RT: 25.73 min Scan# 3866

Delta R.T. -0.01 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

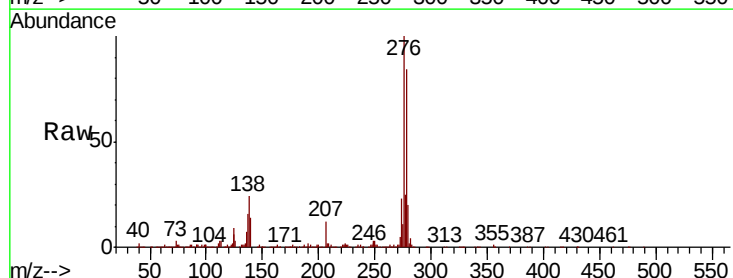
Tgt Ion:276 Resp: 2499509

Ion Ratio Lower Upper

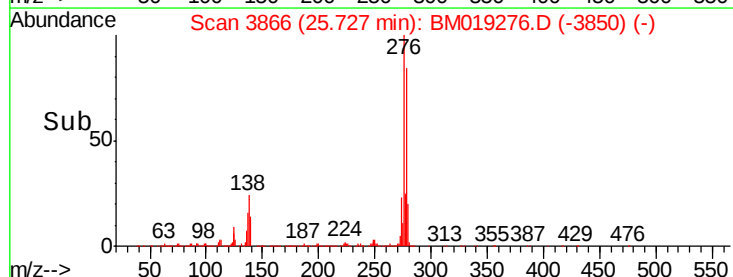
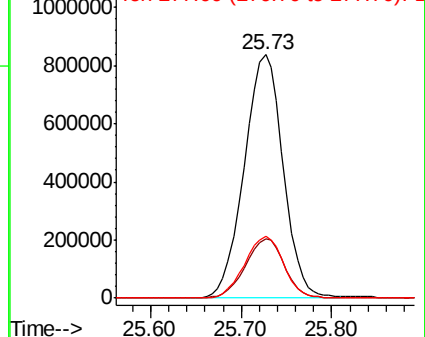
276 100

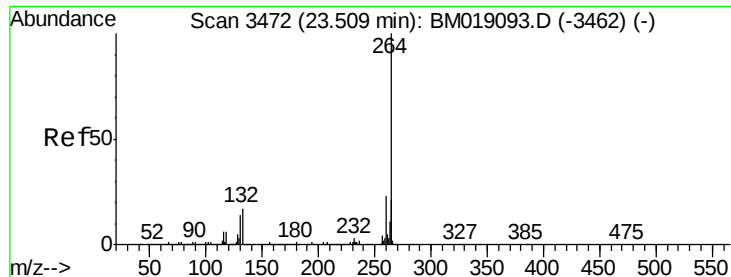
138 24.5 19.6 29.4

277 25.5 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

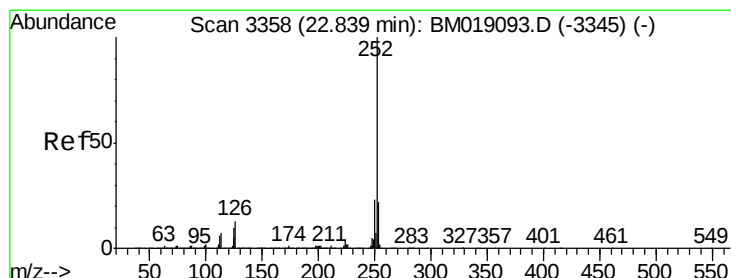
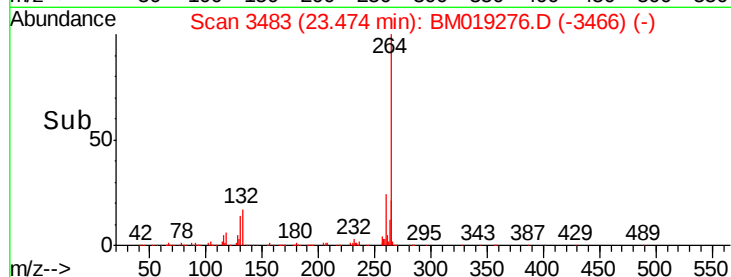
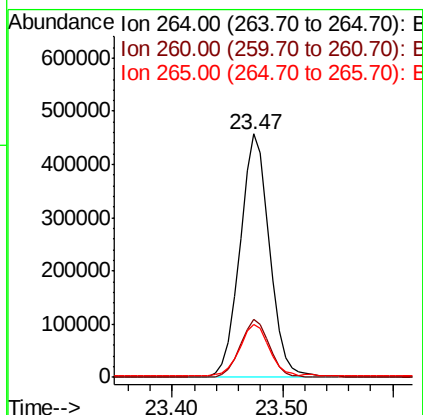
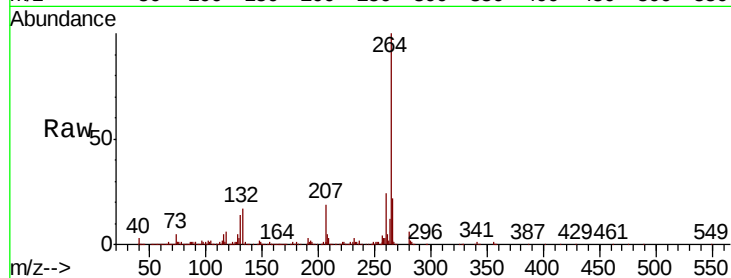




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3483
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

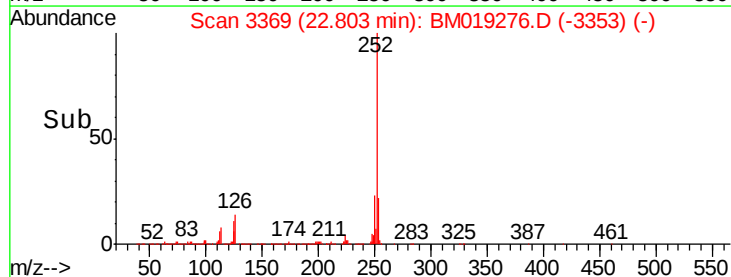
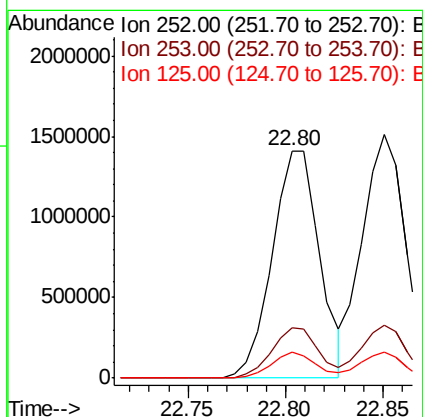
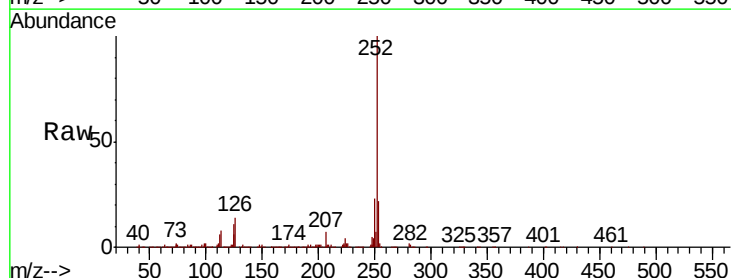
Instrument :
BNA_M
ClientSampleId :

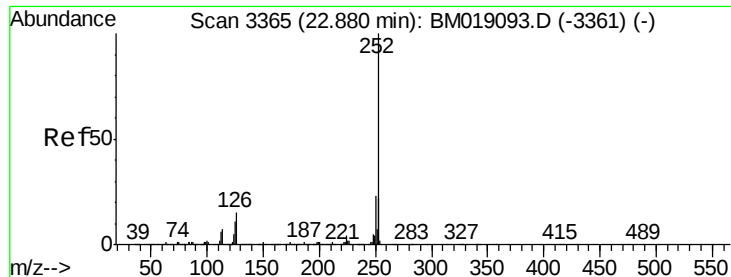
Tot Ion:264 Resp: 861832
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 21.8 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 42.367 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion:252 Resp: 2365999
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.4 8.2 12.4

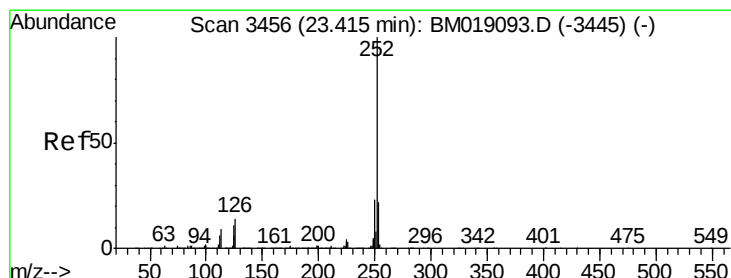
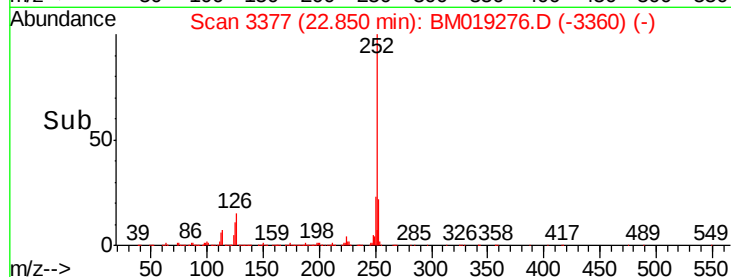
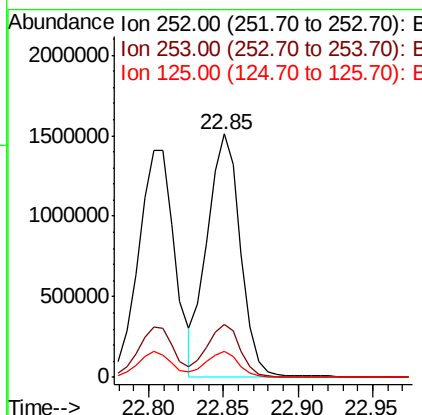
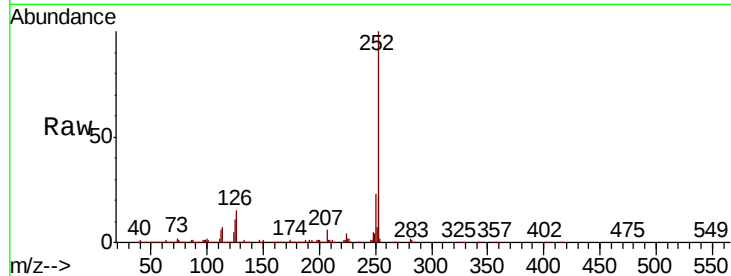




#89
Benzo(k)fluoranthene
Concen: 45.423 ng
RT: 22.85 min Scan# 3377
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

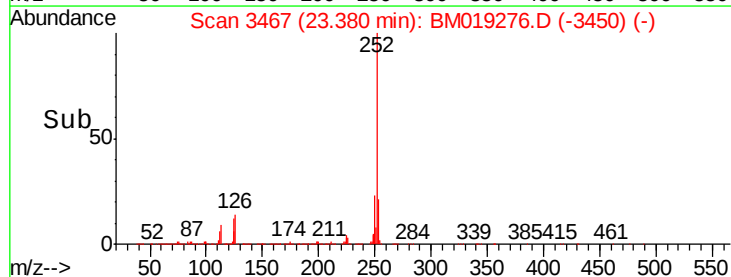
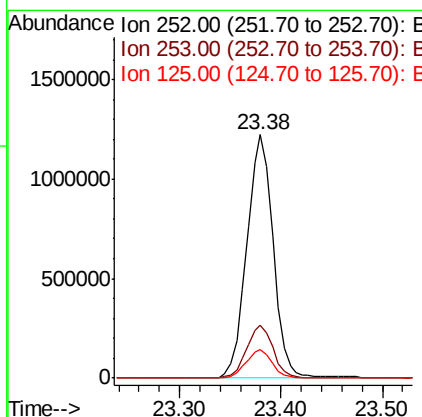
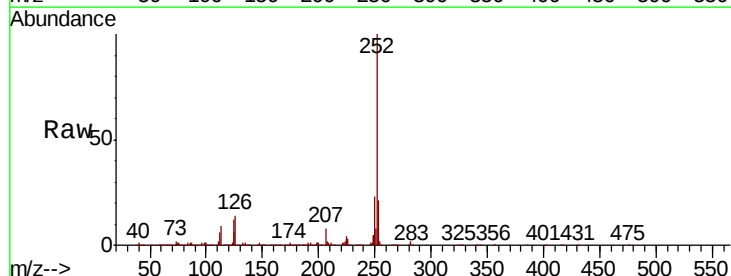
Instrument :
BNA_M
ClientSampleId :

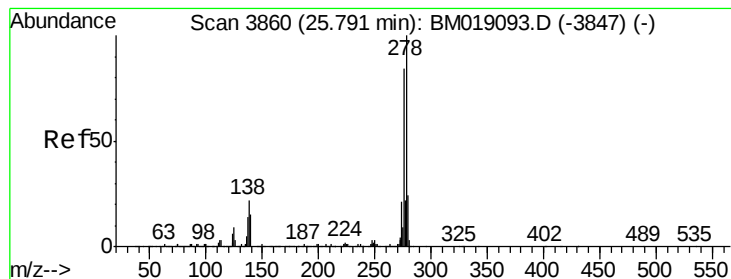
Tot Ion:252 Resp: 2333137
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 10.6 8.6 12.8



#90
Benzo(a)pyrene
Concen: 43.789 ng
RT: 23.38 min Scan# 3467
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion:252 Resp: 2197593
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 11.7 9.2 13.8



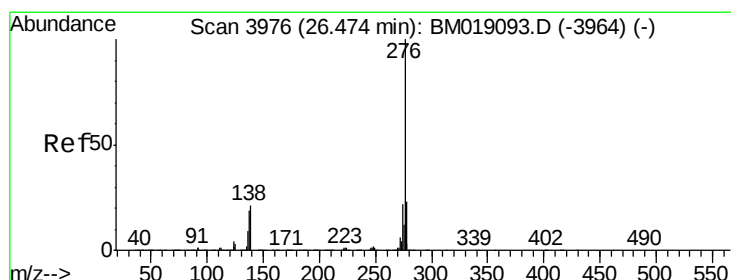
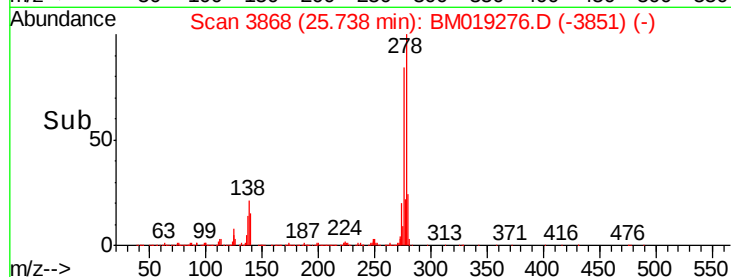
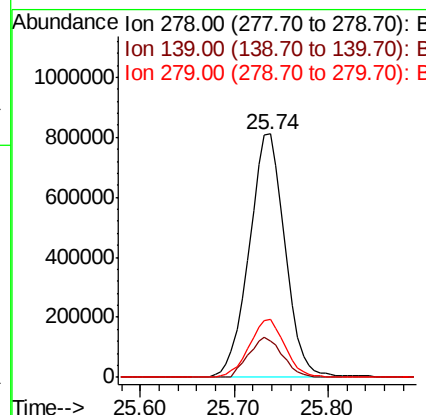
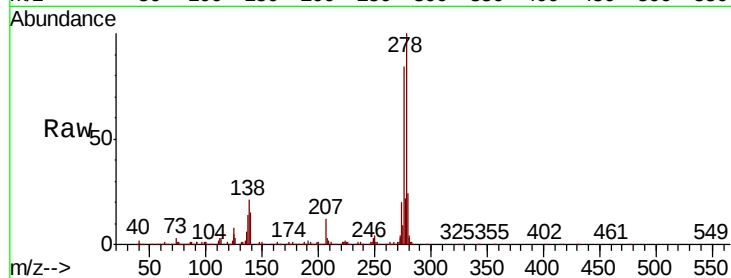


#91
Dibenzo(a,h)anthracene
Concen: 44.603 ng
RT: 25.74 min Scan# 3868
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 2141289

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.6	19.0
279	23.6	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 46.072 ng
RT: 26.42 min Scan# 3984
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion:276 Resp: 2030650

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.6
138	20.8	16.9	25.3

