

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
 Data File : BM022724.D
 Acq On : 20 Sep 2019 12:43
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 20 15:30:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 15:22:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	161928	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	664420	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	393564	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	776510	20.00	ng	0.00
76) Chrysene-d12	21.38	240	776682	20.00	ng	0.00
87) Perylene-d12	23.65	264	822453	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	411735	45.31	ng	0.00
7) Phenol-d6	6.99	99	540049	44.63	ng	0.00
23) Nitrobenzene-d5	8.97	82	487993	35.72	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	190018	29.83	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	1166142	37.01	ng	0.00
79) Terphenyl-d14	19.82	244	1727426	32.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	82986	21.797	ng	# 100
3) Pyridine	3.72	79	232668	24.122	ng	99
4) n-Nitrosodimethylamine	3.63	42	76649	13.264	ng	# 94
6) Aniline	7.15	93	320400	19.776	ng	99
8) 2-Chlorophenol	7.39	128	211565	19.554	ng	99
9) Benzaldehyde	6.96	77	171014	22.301	ng	99
10) Phenol	7.01	94	254660	19.878	ng	98
11) bis(2-Chloroethyl)ether	7.25	93	197234	19.462	ng	99
12) 1,3-Dichlorobenzene	7.72	146	250651	19.007	ng	99
13) 1,4-Dichlorobenzene	7.86	146	257451	19.230	ng	99
14) 1,2-Dichlorobenzene	8.18	146	245080	18.796	ng	99
15) Benzyl Alcohol	8.06	79	168230	15.815	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.36	45	302759	21.562	ng	99
17) 2-Methylphenol	8.26	107	167209	18.299	ng	100
18) Hexachloroethane	8.91	117	93512	16.088	ng	95
19) n-Nitroso-di-n-propylamine	8.63	70	157866	16.562	ng	98
20) 3+4-Methylphenols	8.59	107	221127	17.919	ng	97
22) Acetophenone	8.65	105	333584	19.571	ng	# 99
24) Nitrobenzene	9.02	77	234173	16.743	ng	100
25) Isophorone	9.55	82	398922	16.455	ng	99
26) 2-Nitrophenol	9.73	139	90914	15.346	ng	98
27) 2,4-Dimethylphenol	9.79	122	164704	18.444	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	280783	19.577	ng	100
29) 2,4-Dichlorophenol	10.26	162	183105	16.992	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	229807	17.313	ng	100
31) Naphthalene	10.67	128	672184	19.479	ng	100
32) Benzoic acid	9.88	122	87984	11.542	ng	96
33) 4-Chloroaniline	10.77	127	288776	19.996	ng	98
34) Hexachlorobutadiene	10.96	225	136862	12.017	ng	98
35) Caprolactam	11.55	113	52551	18.142	ng	98
36) 4-Chloro-3-methylphenol	11.89	107	183132	16.078	ng	98
37) 2-Methylnaphthalene	12.28	142	470937	18.671	ng	99
38) 1-Methylnaphthalene	12.50	142	448954	18.635	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	257295	16.702	ng	100

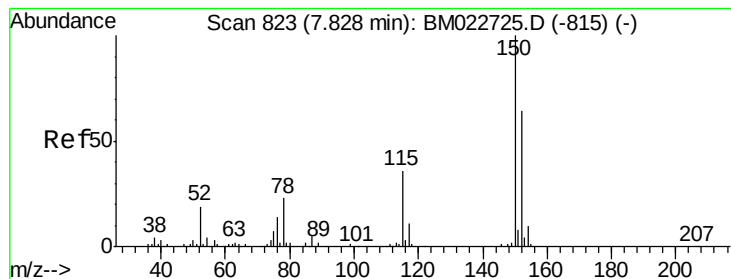
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
 Data File : BM022724.D
 Acq On : 20 Sep 2019 12:43
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 15:22:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	136094	18.982	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	147018	15.920	ng	100
44) 2,4,5-Trichlorophenol	12.96	196	154026	16.431	ng	98
46) 1,1'-Biphenyl	13.29	154	654224	21.137	ng	99
47) 2-Chloronaphthalene	13.33	162	491996	19.315	ng	100
48) 2-Nitroaniline	13.53	65	119371	14.826	ng	95
49) Acenaphthylene	14.18	152	722266	18.486	ng	100
50) Dimethylphthalate	13.92	163	579567	17.516	ng	100
51) 2,6-Dinitrotoluene	14.03	165	117222	17.939	ng	99
52) Acenaphthene	14.52	154	474042	20.805	ng	99
53) 3-Nitroaniline	14.35	138	133036	20.444	ng	98
54) 2,4-Dinitrophenol	14.56	184	47381	14.669	ng	98
55) Dibenzofuran	14.86	168	706005	18.647	ng	100
56) 4-Nitrophenol	14.65	139	98935	22.811	ng	93
57) 2,4-Dinitrotoluene	14.81	165	147468	15.720	ng	93
58) Fluorene	15.50	166	572877	17.948	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	135182	14.464	ng	99
60) Diethylphthalate	15.28	149	560557	16.065	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	295972	14.713	ng	100
62) 4-Nitroaniline	15.51	138	139281	23.125	ng	99
63) Azobenzene	15.79	77	509574	15.155	ng	99
65) 4,6-Dinitro-2-methylphenol	15.57	198	61471	13.185	ng	98
66) n-Nitrosodiphenylamine	15.71	169	480796	19.310	ng	100
67) 4-Bromophenyl-phenylether	16.39	248	170974	14.859	ng	100
68) Hexachlorobenzene	16.51	284	202691	15.505	ng	100
69) Atrazine	16.66	200	149186	18.094	ng	99
70) Pentachlorophenol	16.84	266	98553	15.495	ng	98
71) Phenanthrene	17.24	178	896124	19.900	ng	99
72) Anthracene	17.33	178	852552	19.072	ng	100
73) Carbazole	17.59	167	795761	21.334	ng	99
74) Di-n-butylphthalate	18.17	149	870741	15.386	ng	100
75) Fluoranthene	19.25	202	991887	18.266	ng	99
77) Benzidine	19.43	184	430965	24.739	ng	100
78) Pyrene	19.62	202	1034160	18.917	ng	99
80) Butylbenzylphthalate	20.52	149	358799	14.674	ng	94
81) Benzo(a)anthracene	21.36	228	1027613	18.814	ng	99
82) 3,3'-Dichlorobenzidine	21.29	252	348600	18.305	ng	99
83) Chrysene	21.42	228	1002641	19.015	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	549905	14.954	ng	99
85) Di-n-octyl phthalate	22.19	149	836850	14.060	ng	99
86) Indeno(1,2,3-cd)pyrene	25.96	276	1134685	19.212	ng	# 100
88) Benzo(b)fluoranthene	22.97	252	1026548	18.693	ng	100
89) Benzo(k)fluoranthene	23.02	252	970369	18.076	ng	99
90) Benzo(a)pyrene	23.55	252	900734	18.010	ng	100
91) Dibenzo(a,h)anthracene	25.97	278	951012	17.896	ng	100
92) Benzo(g,h,i)perylene	26.67	276	895622	19.277	ng	99

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

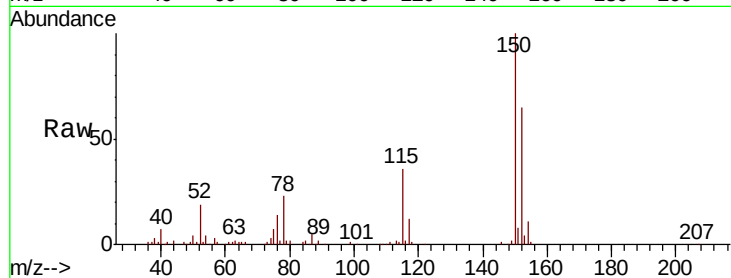


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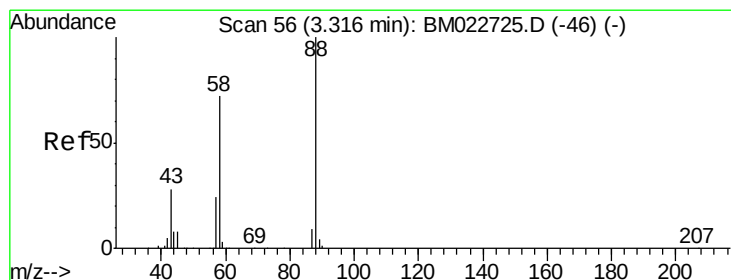
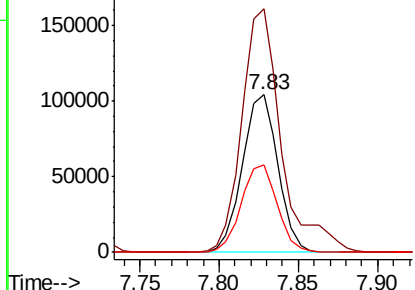
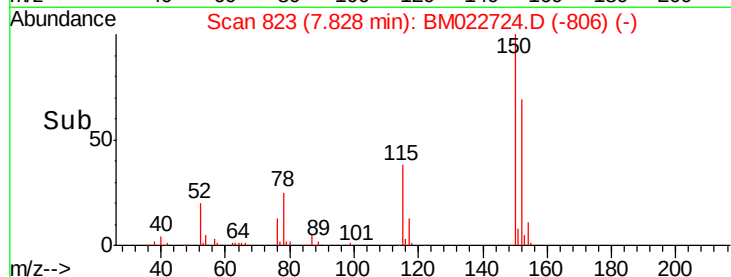
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. 0.00 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 161928
Ion Ratio Lower Upper
152 100
150 154.8 124.5 186.7
115 56.0 45.0 67.4



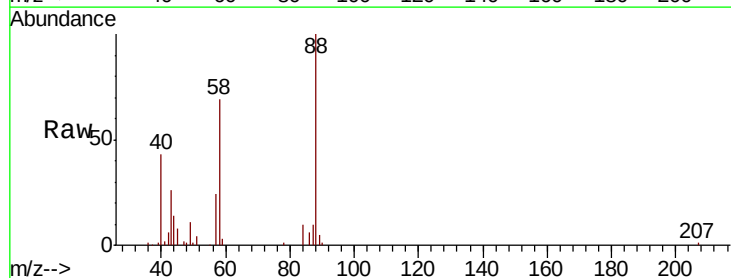
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



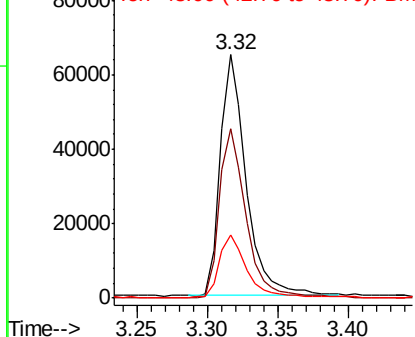
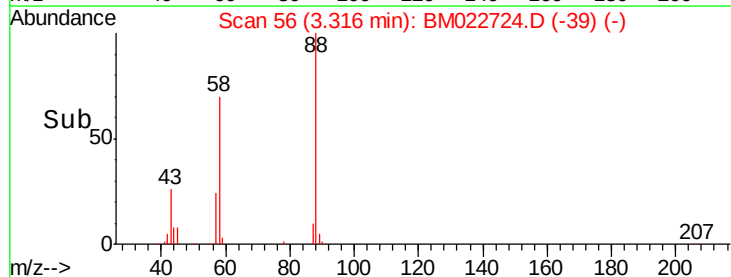
#2

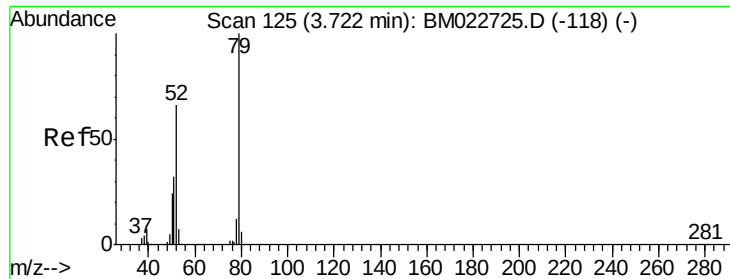
1,4-Dioxane
Concen: 21.797 ng
RT: 3.32 min Scan# 56
Delta R.T. 0.00 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

Tgt Ion: 88 Resp: 82986
Ion Ratio Lower Upper
88 100
58 72.1 0.0 0.0#
43 28.5 0.0 0.0#



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: 24.122 ng

RT: 3.72 min Scan# 125

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

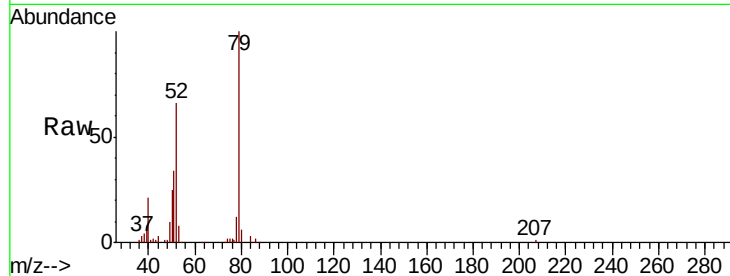
Tot Ion: 79 Resp: 232668

Ion Ratio Lower Upper

79 100

52 66.2 52.4 78.6

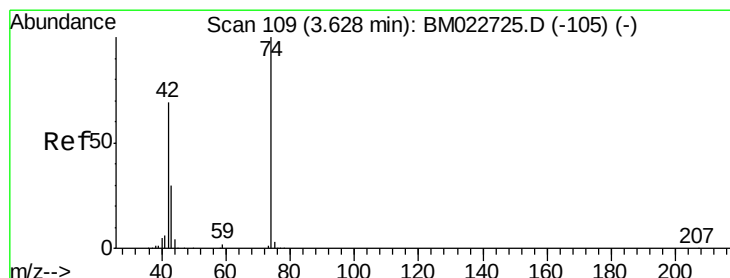
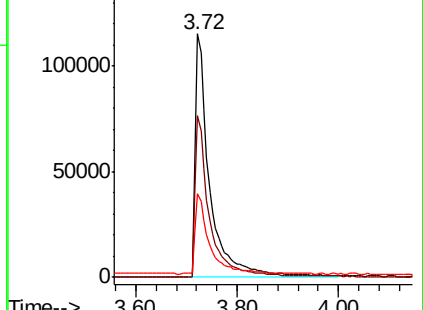
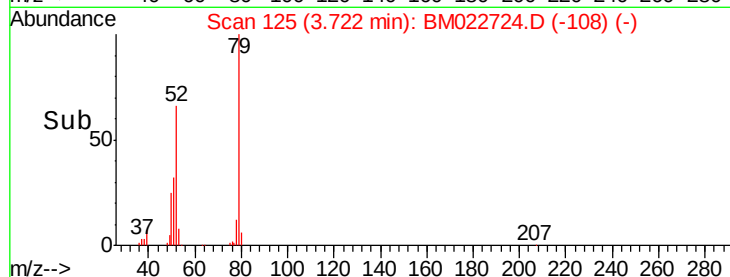
51 34.1 26.2 39.4



Abundance Ion 79.00 (78.70 to 79.70): BM022724.D (-118) (-)

Ion 52.00 (51.70 to 52.70): BM022724.D (-118) (-)

Ion 51.00 (50.70 to 51.70): BM022724.D (-118) (-)



#4

n-Nitrosodimethylamine

Concen: 13.264 ng

RT: 3.63 min Scan# 109

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

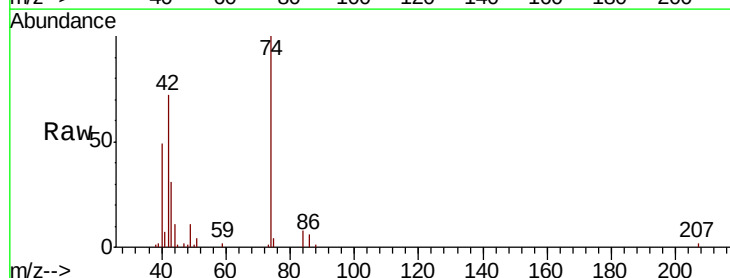
Tgt Ion: 42 Resp: 76649

Ion Ratio Lower Upper

42 100

74 138.4 116.6 175.0

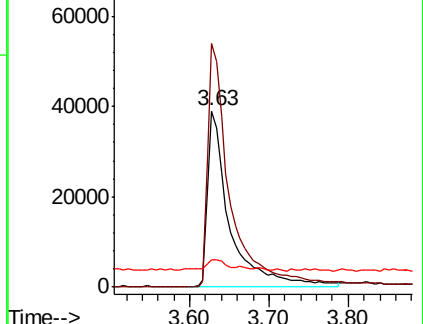
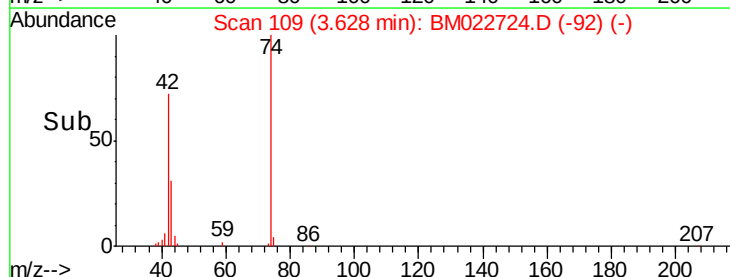
44 15.7 8.2 12.4#

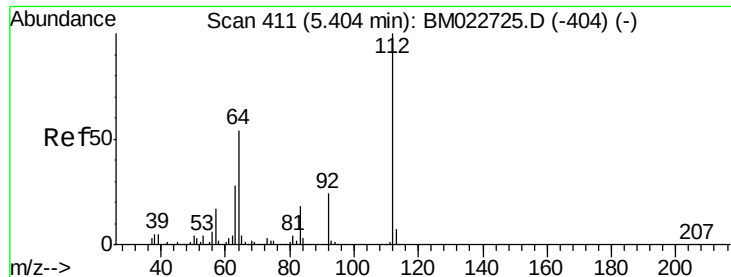


Abundance Ion 42.00 (41.70 to 42.70): BM022724.D (-105) (-)

Ion 74.00 (73.70 to 74.70): BM022724.D (-105) (-)

Ion 44.00 (43.70 to 44.70): BM022724.D (-105) (-)





#5

2-Fluorophenol

Concen: 45.310 ng

RT: 5.40 min Scan# 411

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

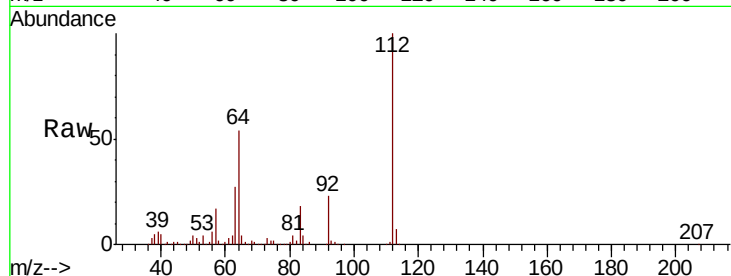
Tot Ion:112 Resp: 411735

Ion Ratio Lower Upper

112 100

64 54.0 43.4 65.2

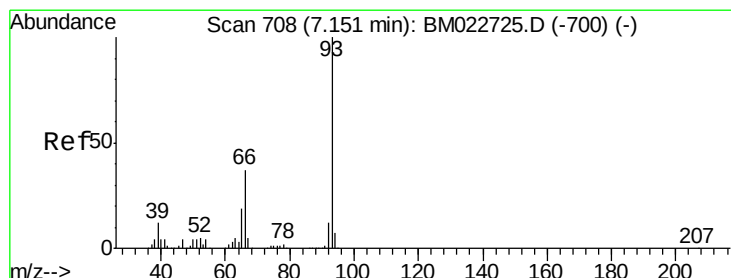
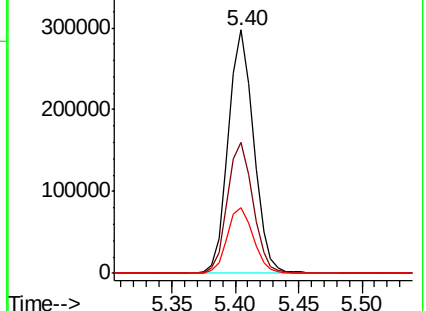
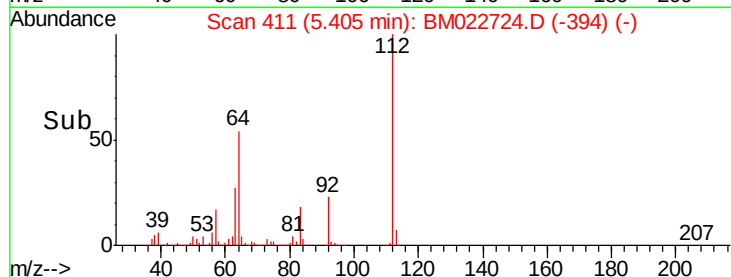
63 27.2 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 19.776 ng

RT: 7.15 min Scan# 708

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

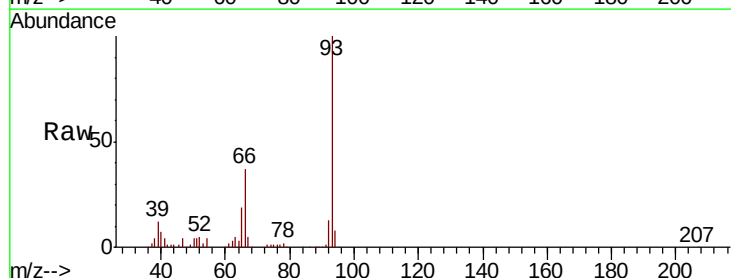
Tgt Ion: 93 Resp: 320400

Ion Ratio Lower Upper

93 100

66 37.2 29.3 43.9

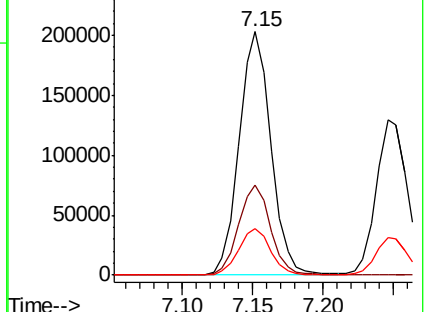
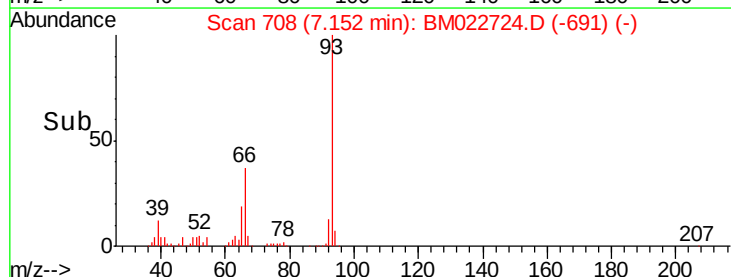
65 19.2 15.3 22.9

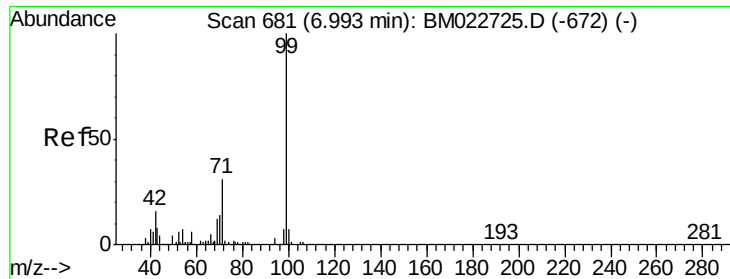


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 44.629 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampled :

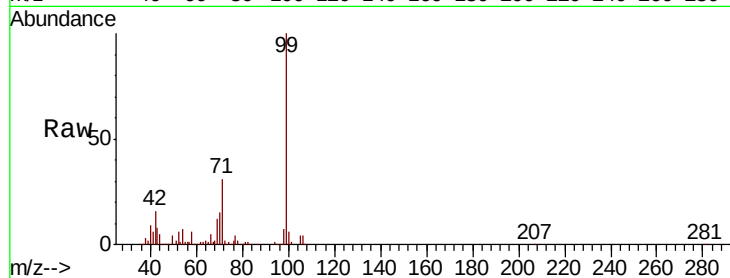
Tot Ion: 99 Resp: 540049

Ion Ratio Lower Upper

99 100

42 16.4 13.0 19.4

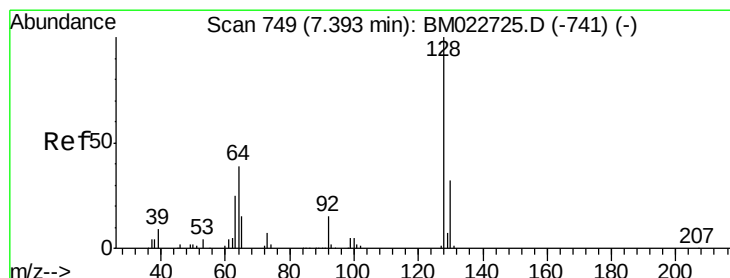
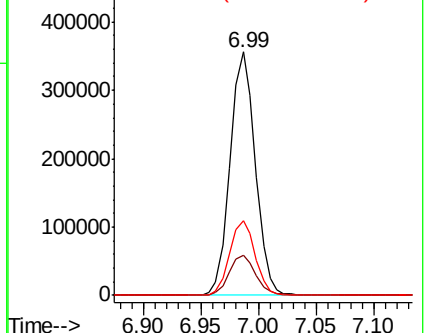
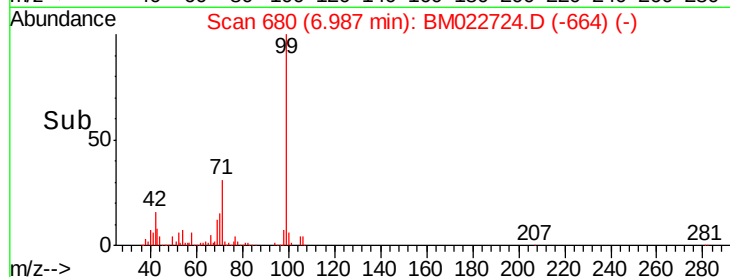
71 30.9 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BM022724.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM022724.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM022724.D (-672) (-)



#8

2-Chlorophenol

Concen: 19.554 ng

RT: 7.39 min Scan# 749

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

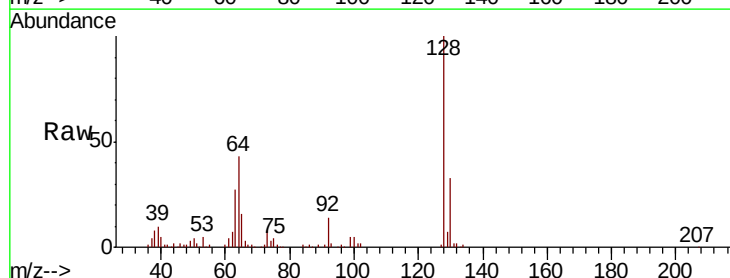
Tgt Ion: 128 Resp: 211565

Ion Ratio Lower Upper

128 100

130 32.6 12.1 52.1

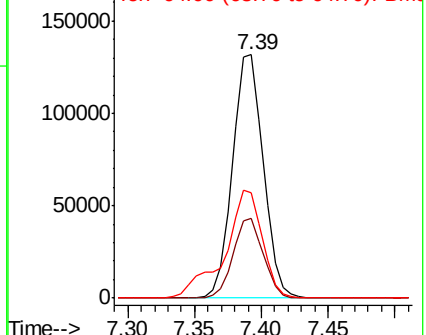
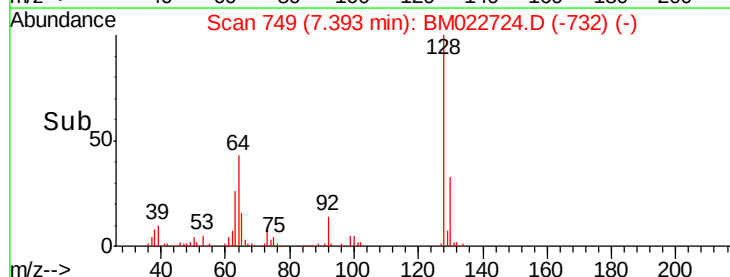
64 43.0 22.9 62.9

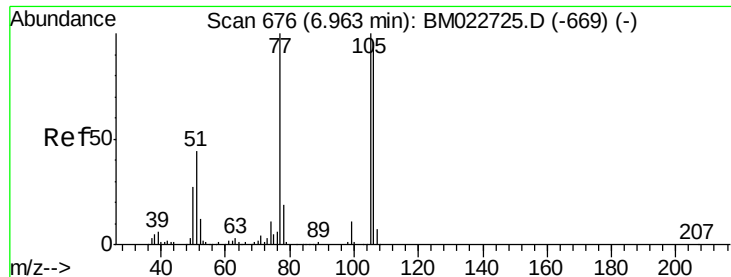


Abundance Ion 128.00 (127.70 to 128.70): BM022724.D (-732) (-)

Ion 130.00 (129.70 to 130.70): BM022724.D (-732) (-)

Ion 64.00 (63.70 to 64.70): BM022724.D (-732) (-)





#9

Benzaldehyde

Concen: 22.301 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

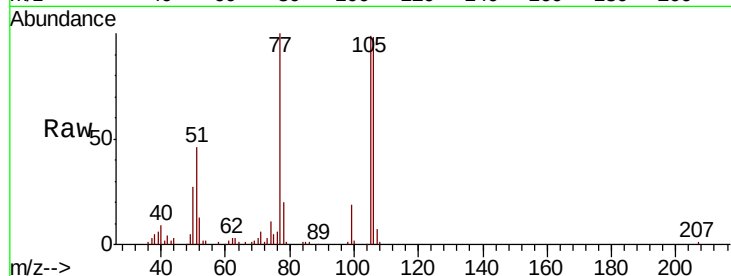
Tot Ion: 77 Resp: 171014

Ion Ratio Lower Upper

77 100

105 99.1 79.6 119.6

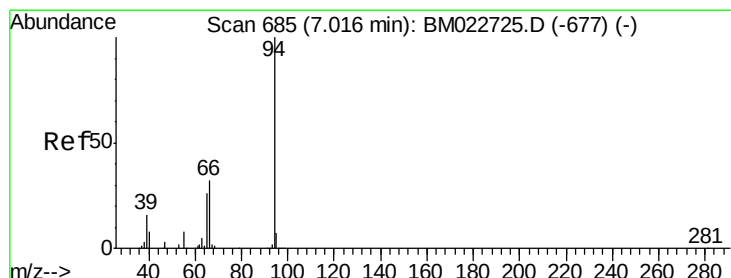
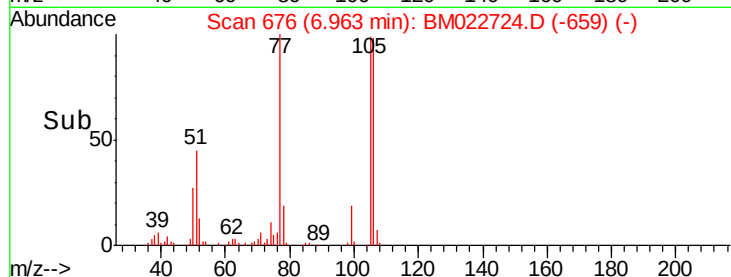
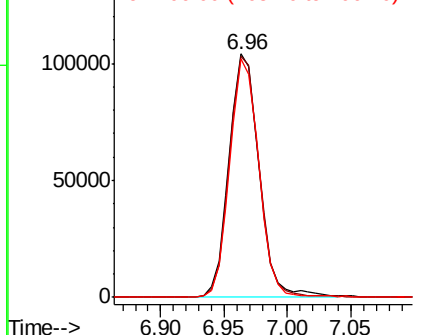
106 97.9 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BM022725.D (-669) (-)

Ion 105.00 (104.70 to 105.70): BM022725.D (-669) (-)

Ion 106.00 (105.70 to 106.70): BM022725.D (-669) (-)



#10

Phenol

Concen: 19.878 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

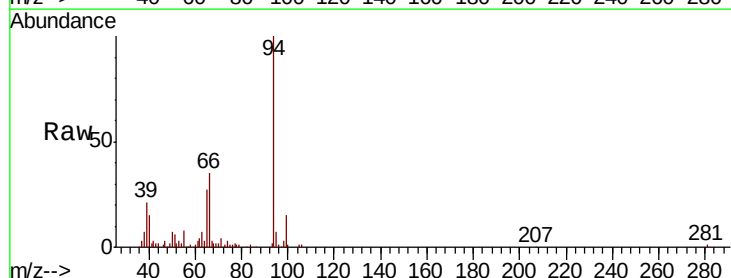
Tgt Ion: 94 Resp: 254660

Ion Ratio Lower Upper

94 100

65 27.0 6.7 46.7

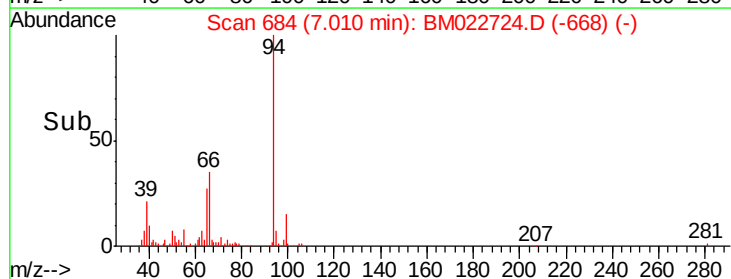
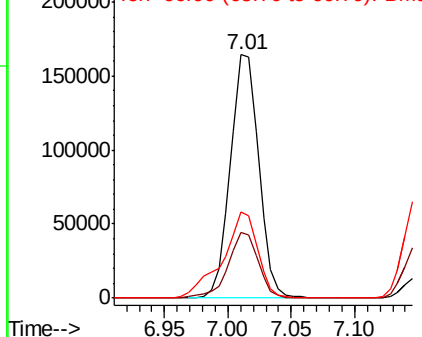
66 35.3 13.8 53.8

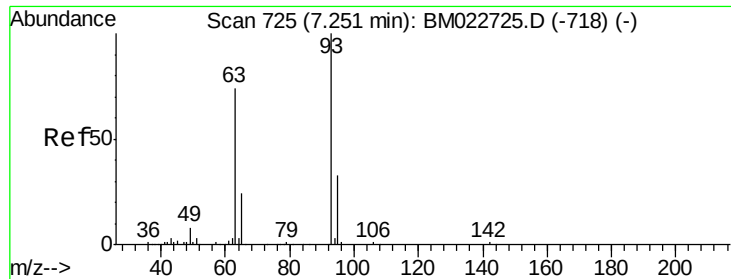


Abundance Ion 94.00 (93.70 to 94.70): BM022725.D (-677) (-)

Ion 65.00 (64.70 to 65.70): BM022725.D (-677) (-)

Ion 66.00 (65.70 to 66.70): BM022725.D (-677) (-)



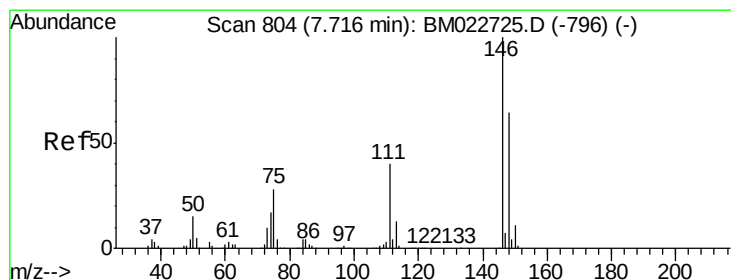
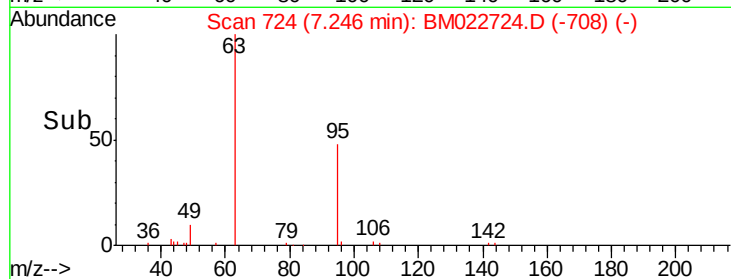
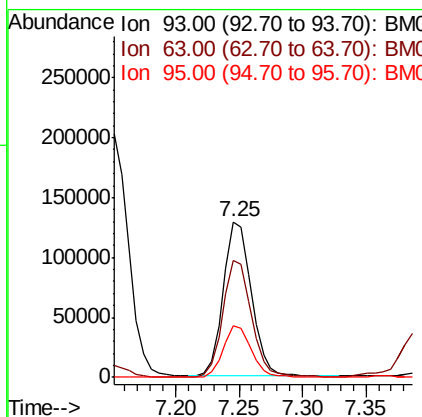
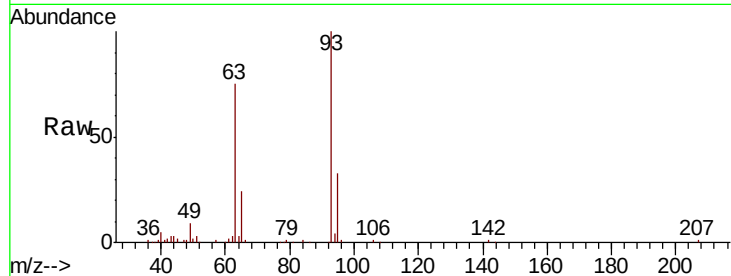


#11
 bis(2-Chloroethyl)ether
 Concen: 19.462 ng
 RT: 7.25 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 93 Resp: 197234

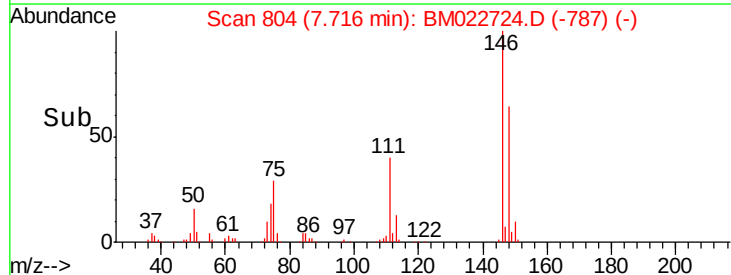
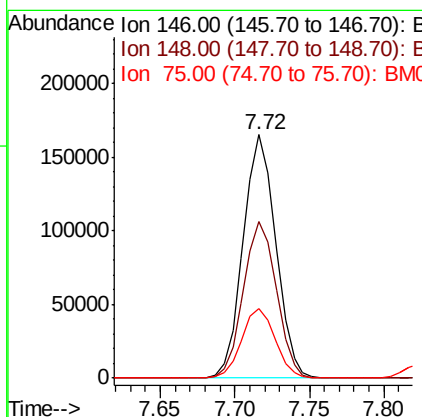
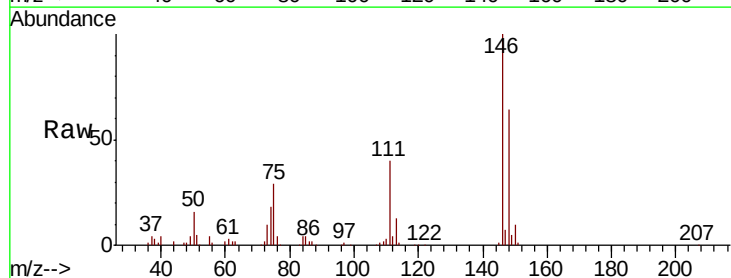
Ion	Ratio	Lower	Upper
93	100		
63	75.4	53.8	93.8
95	32.8	12.7	52.7

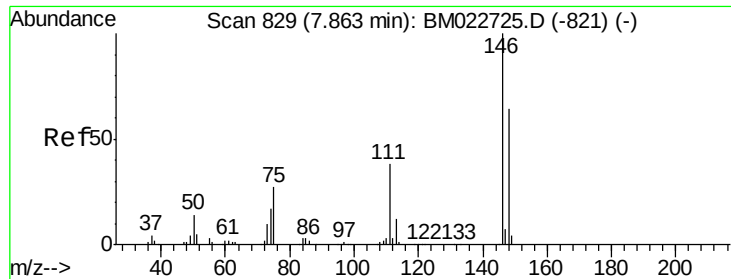


#12
 1,3-Dichlorobenzene
 Concen: 19.007 ng
 RT: 7.72 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Tgt Ion: 146 Resp: 250651

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.3	76.9
75	28.6	22.5	33.7

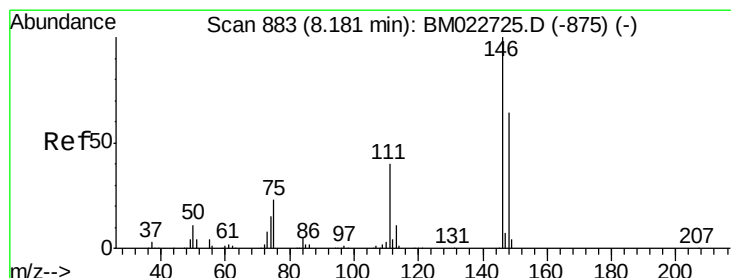
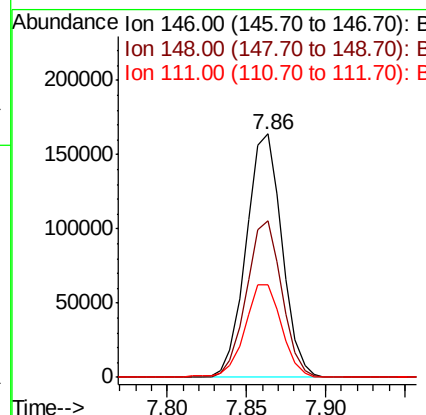
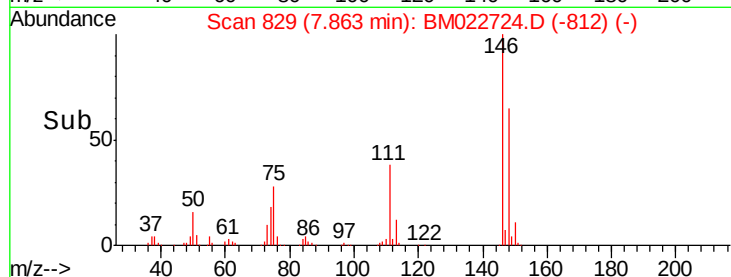
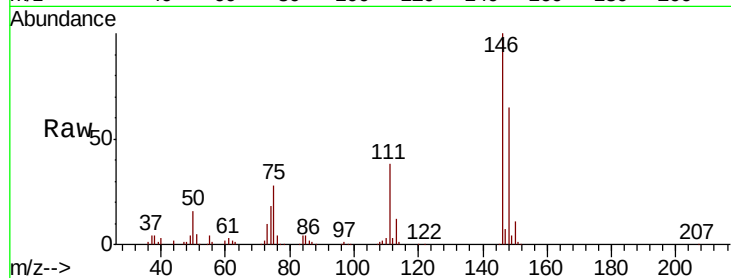




#13
 1,4-Dichlorobenzene
 Concen: 19.230 ng
 RT: 7.86 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

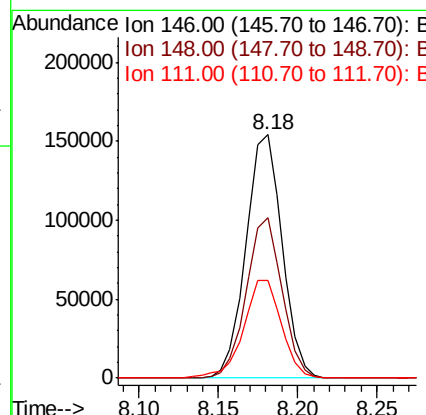
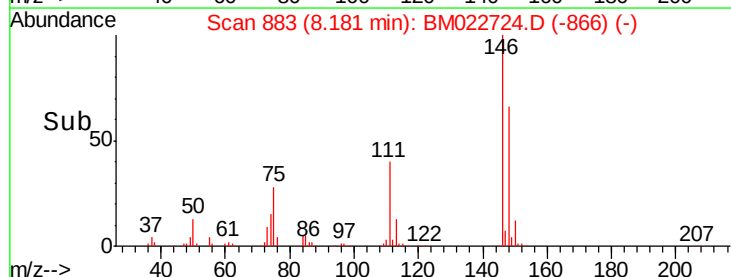
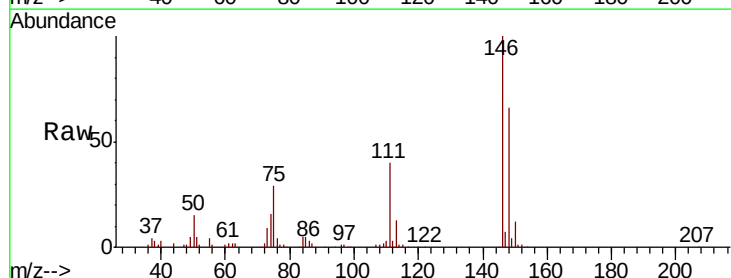
Instrument :
 BNA_M
 ClientSampleId :

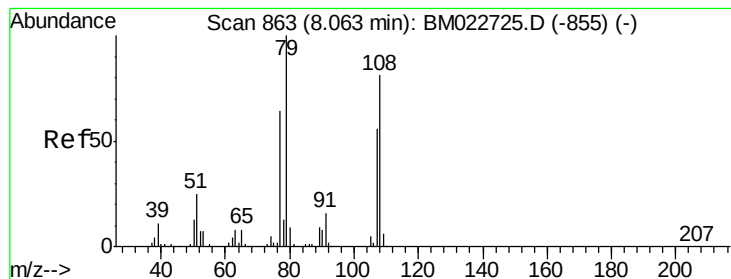
Tot Ion:146 Resp: 257451
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.0
 111 38.1 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 18.796 ng
 RT: 8.18 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Tgt Ion:146 Resp: 245080
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.3 76.9
 111 40.4 32.3 48.5





#15

Benzyl Alcohol

Concen: 15.815 ng

RT: 8.06 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampled :

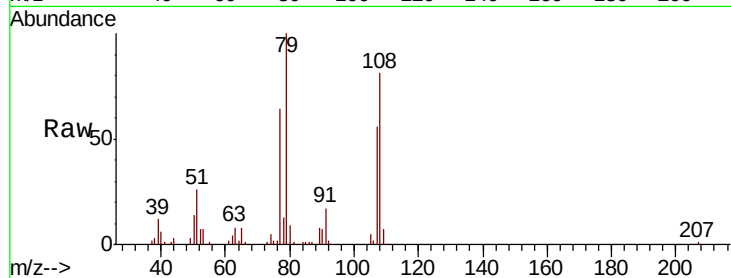
Tot Ion: 79 Resp: 168230

Ion Ratio Lower Upper

79 100

108 80.7 64.9 97.3

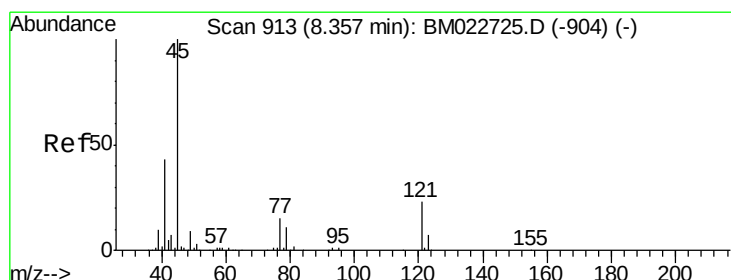
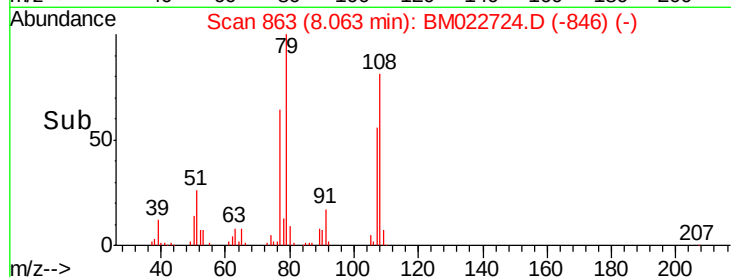
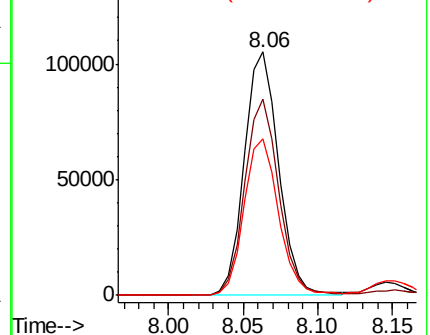
77 64.3 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BM022724.D (-855) (-)

Ion 108.00 (107.70 to 108.70): BM022724.D (-855) (-)

Ion 77.00 (76.70 to 77.70): BM022724.D (-855) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 21.562 ng

RT: 8.36 min Scan# 914

Delta R.T. 0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

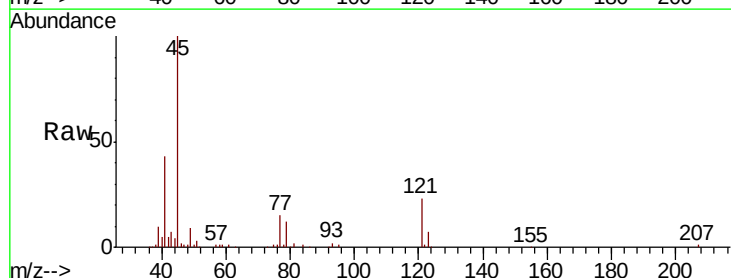
Tgt Ion: 45 Resp: 302759

Ion Ratio Lower Upper

45 100

77 14.6 0.0 35.1

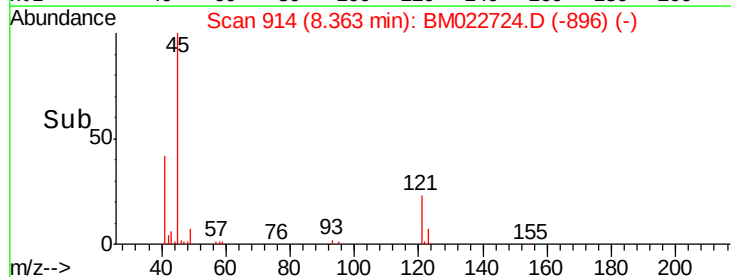
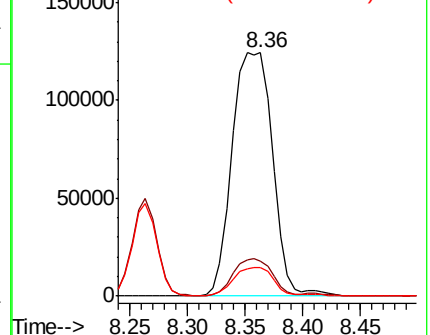
79 11.7 0.0 31.4

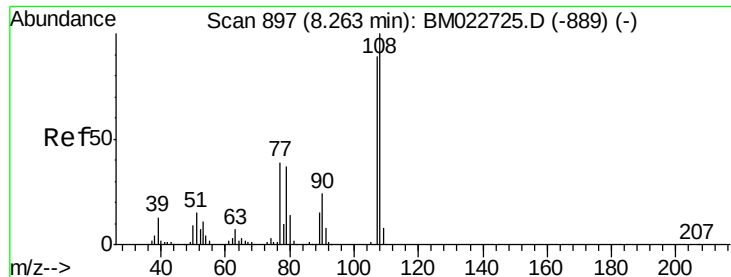


Abundance Ion 45.00 (44.70 to 45.70): BM022724.D (-896) (-)

Ion 77.00 (76.70 to 77.70): BM022724.D (-896) (-)

Ion 79.00 (78.70 to 79.70): BM022724.D (-896) (-)





#17

2-Methylphenol

Concen: 18.299 ng

RT: 8.26 min Scan# 897

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 167209

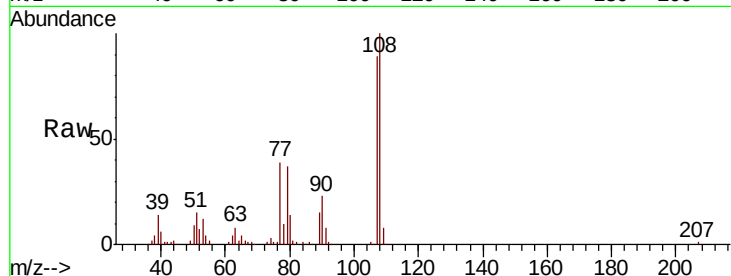
Ion Ratio Lower Upper

107 100

108 112.2 90.0 135.0

77 43.9 35.2 52.8

79 41.5 33.4 50.2

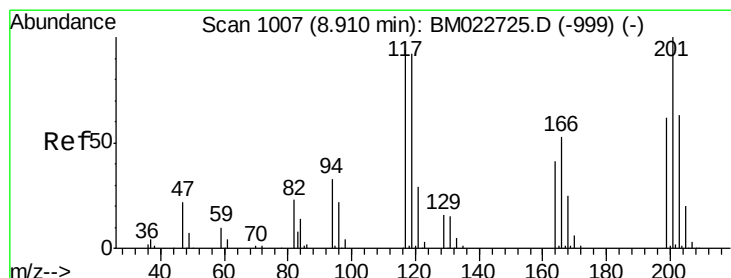
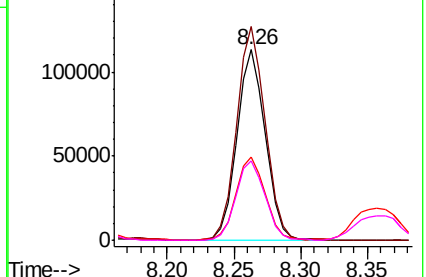
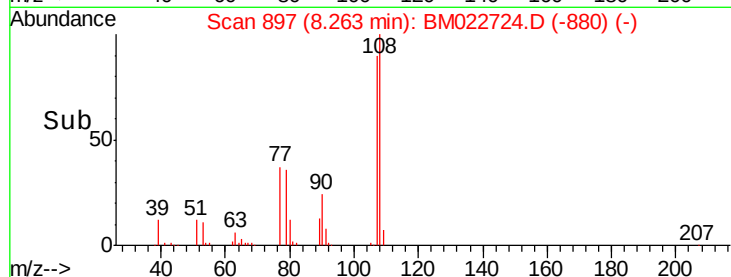


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 16.088 ng

RT: 8.91 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

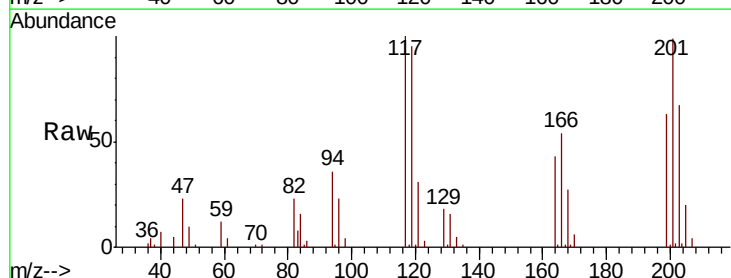
Tgt Ion:117 Resp: 93512

Ion Ratio Lower Upper

117 100

119 94.9 78.0 117.0

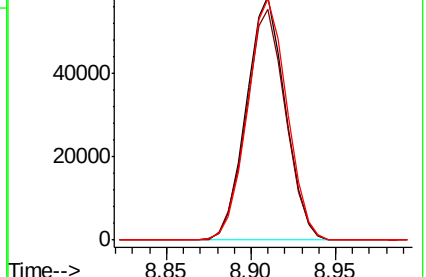
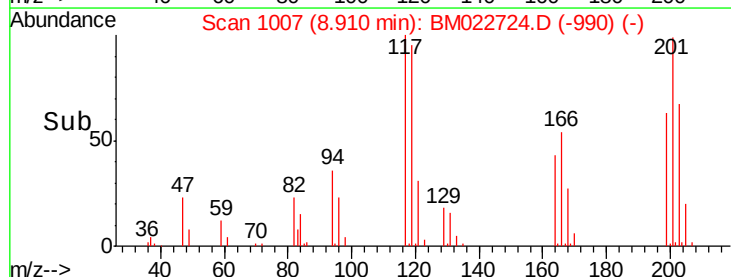
201 99.0 85.0 127.6

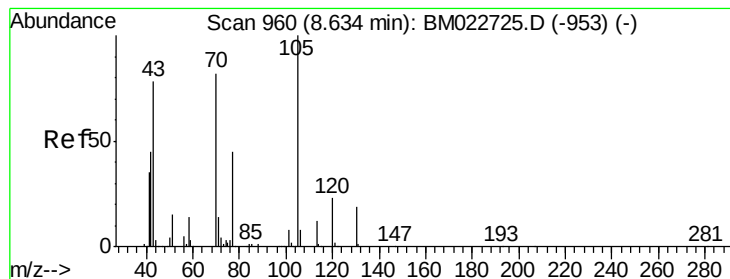


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.562 ng

RT: 8.63 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 157866

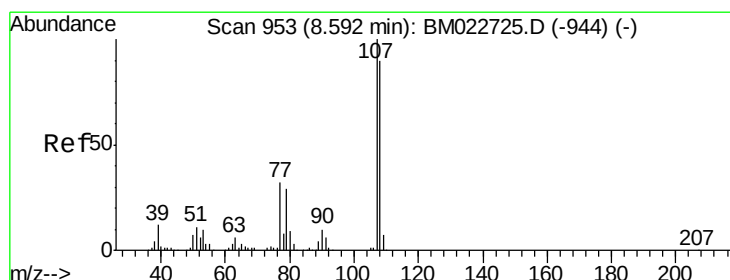
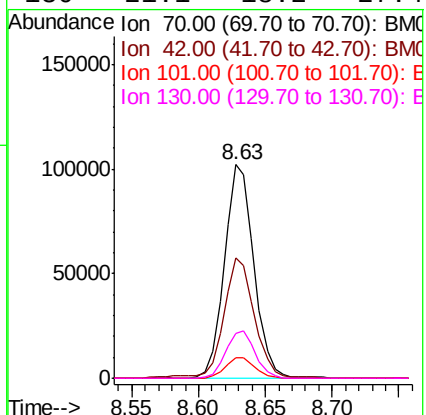
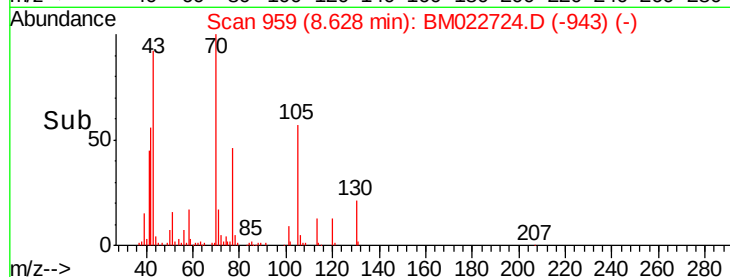
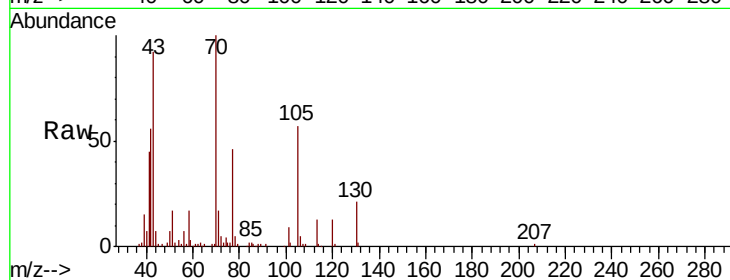
Ion Ratio Lower Upper

70 100

42 56.3 44.4 66.6

101 9.4 7.8 11.6

130 21.1 18.2 27.4



#20

3+4-Methylphenols

Concen: 17.919 ng

RT: 8.59 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Tgt Ion: 107 Resp: 221127

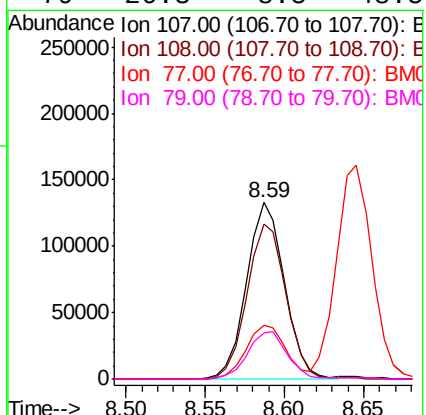
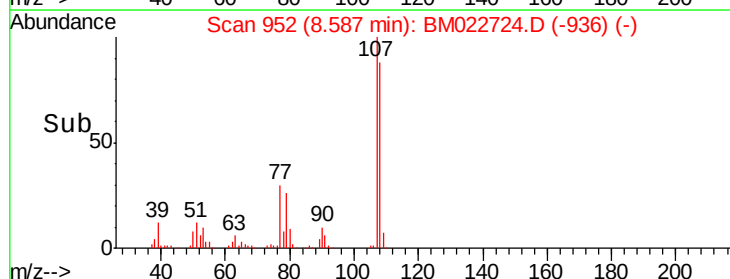
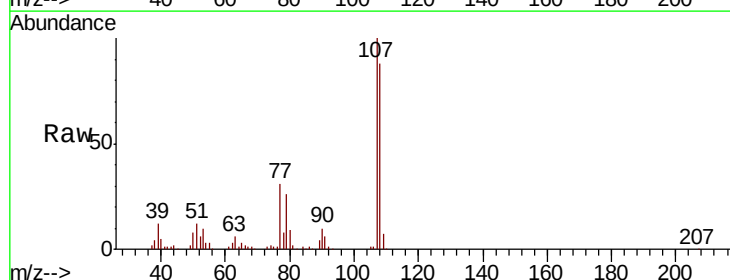
Ion Ratio Lower Upper

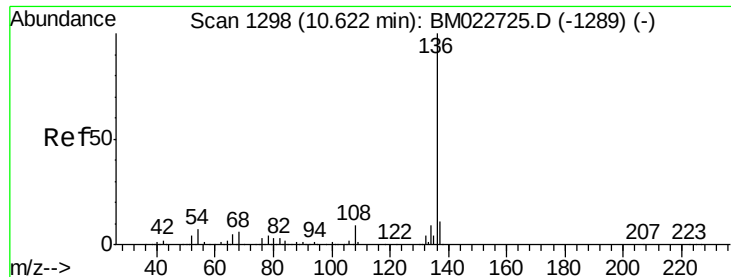
107 100

108 87.8 70.1 110.1

77 30.8 12.1 52.1

79 26.3 8.5 48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 664420

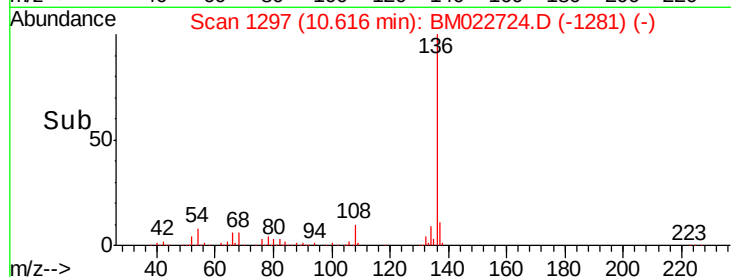
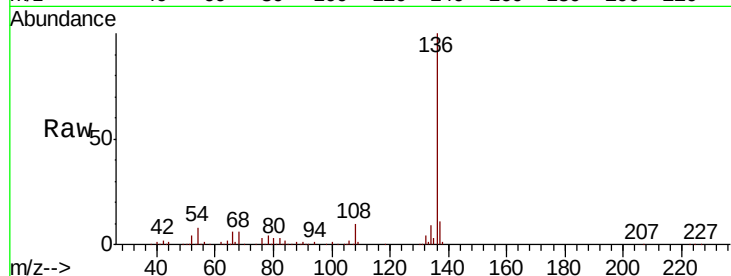
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.8 6.0 9.0

68 6.2 4.9 7.3

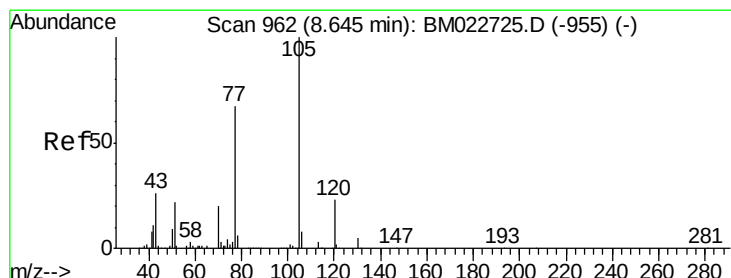
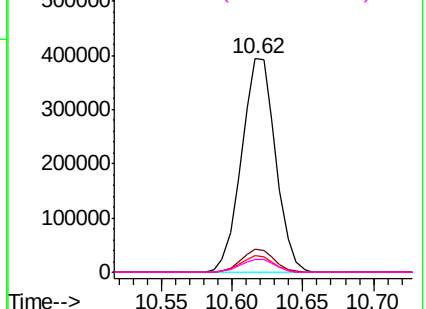


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 19.571 ng

RT: 8.65 min Scan# 962

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Tgt Ion:105 Resp: 333584

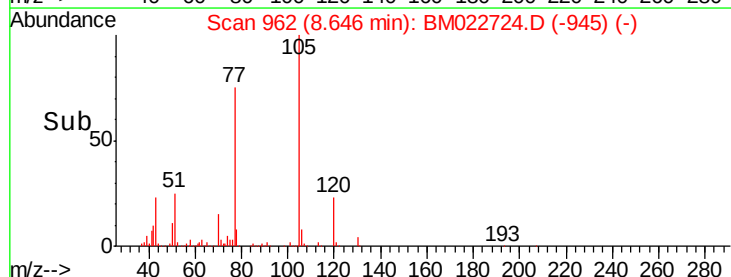
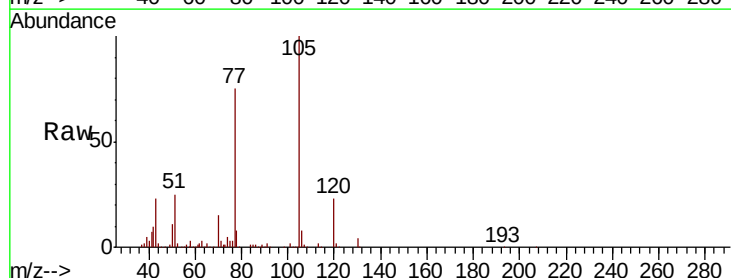
Ion Ratio Lower Upper

105 100

71 2.7 2.7 4.1#

51 24.8 19.9 29.9

120 23.4 18.3 27.5

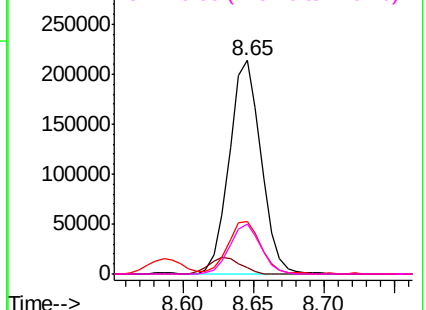


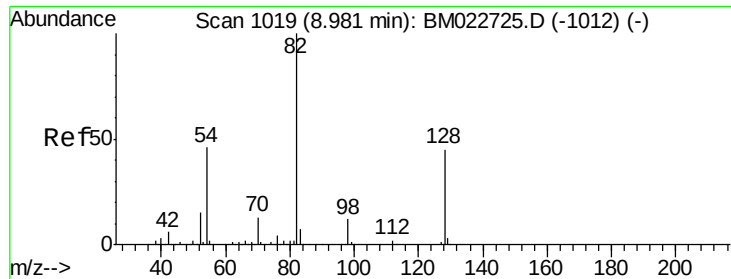
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

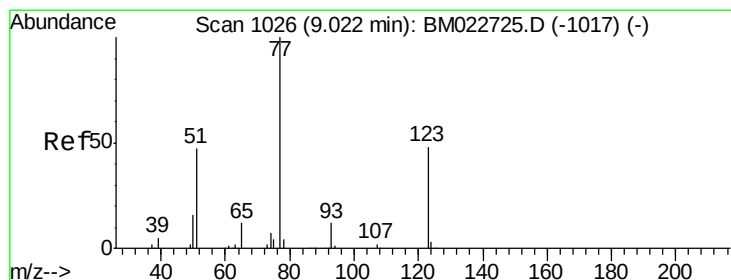
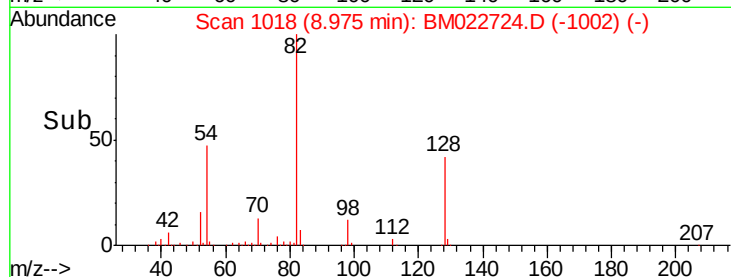
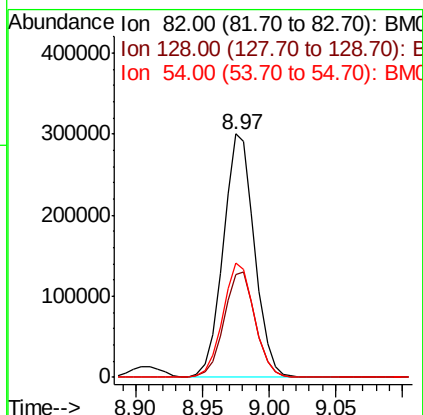
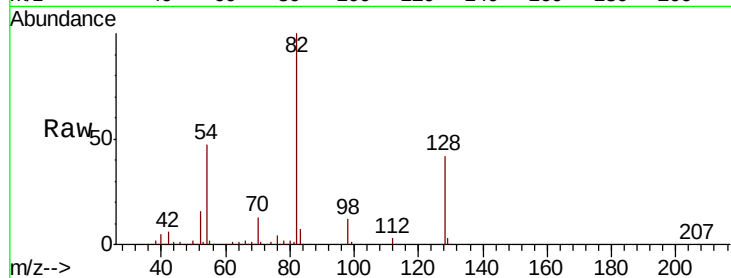




#23
 Nitrobenzene-d5
 Concen: 35.722 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

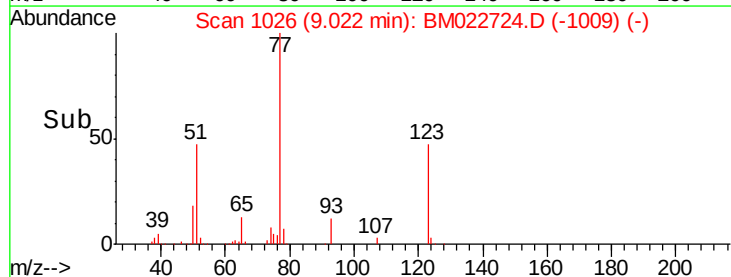
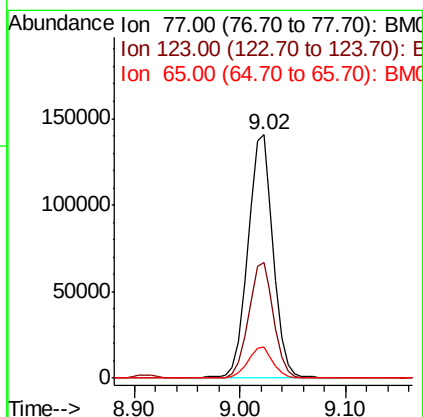
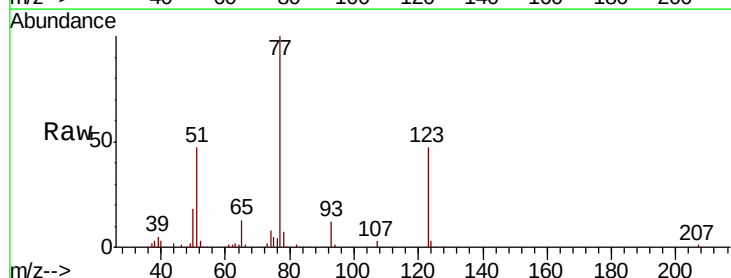
Instrument :
 BNA_M
 ClientSampleId :

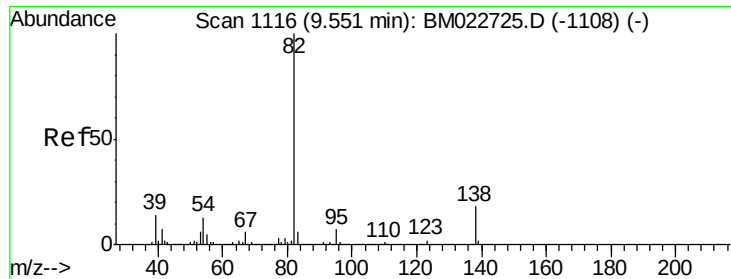
Tot Ion	82	Resp	487993
Ion Ratio	Lower	Upper	
82	100		
128	42.4	36.0	54.0
54	46.7	37.1	55.7



#24
 Nitrobenzene
 Concen: 16.743 ng
 RT: 9.02 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Tgt Ion	77	Resp	234173
Ion Ratio	Lower	Upper	
77	100		
123	47.4	38.0	57.0
65	12.6	10.0	15.0





#25

Isophorone

Concen: 16.455 ng

RT: 9.55 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

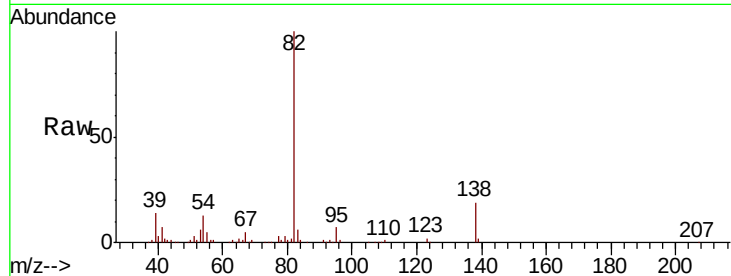
Tot Ion: 82 Resp: 398922

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

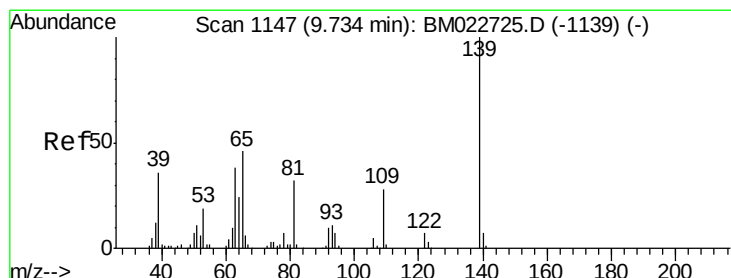
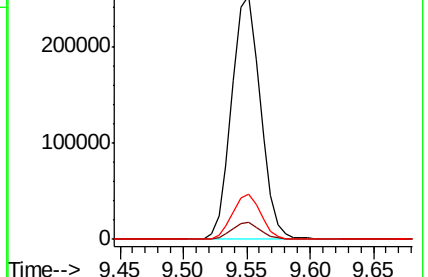
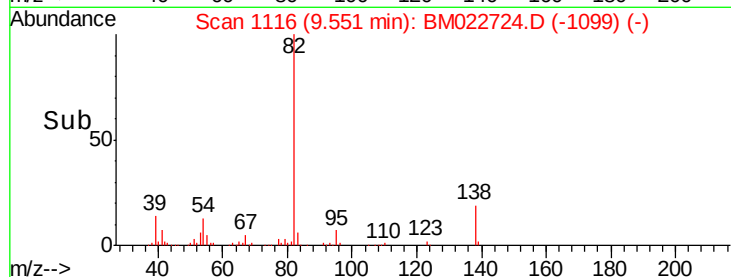
138 18.7 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM022724.D (-1108) (-)

Ion 95.00 (94.70 to 95.70): BM022724.D (-1108) (-)

Ion 138.00 (137.70 to 138.70): BM022724.D (-1108) (-)



#26

2-Nitrophenol

Concen: 15.346 ng

RT: 9.73 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

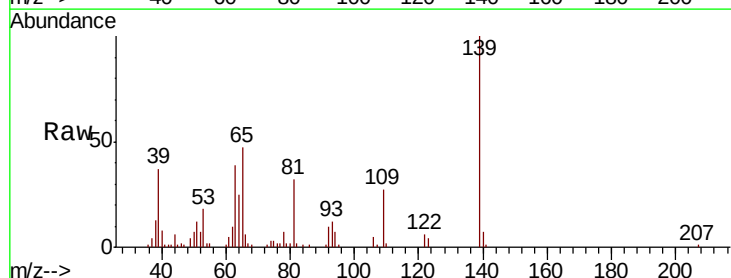
Tgt Ion: 139 Resp: 90914

Ion Ratio Lower Upper

139 100

109 27.0 22.6 33.8

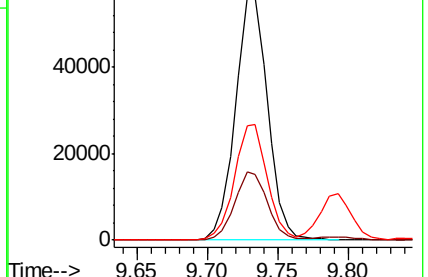
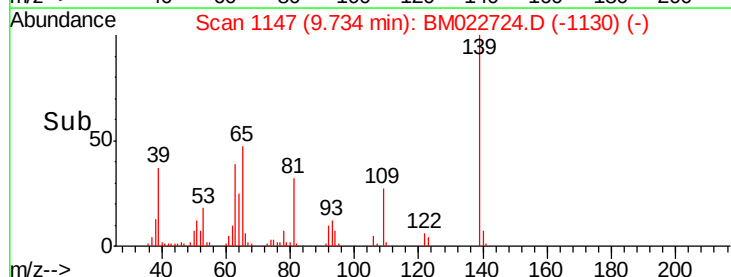
65 47.4 37.0 55.4

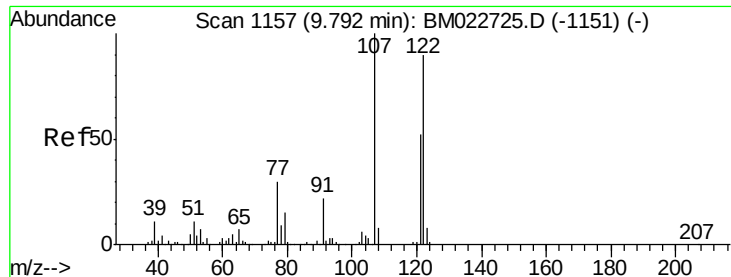


Abundance Ion 139.00 (138.70 to 139.70): BM022724.D (-1139) (-)

Ion 109.00 (108.70 to 109.70): BM022724.D (-1139) (-)

Ion 65.00 (64.70 to 65.70): BM022724.D (-1139) (-)

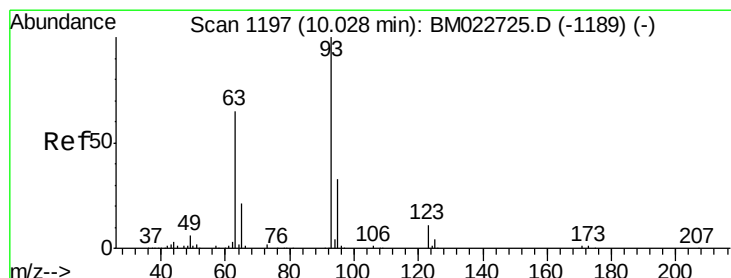
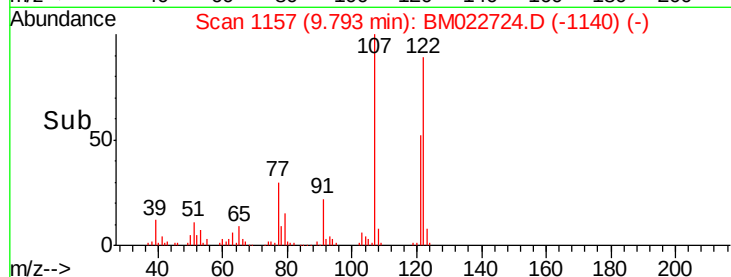
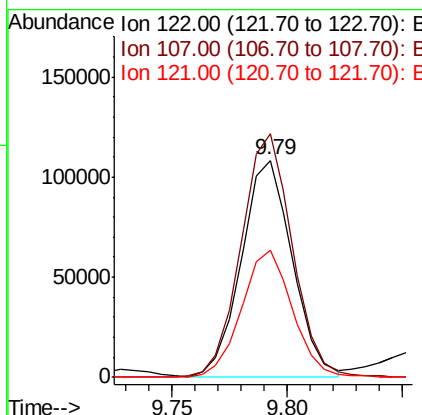
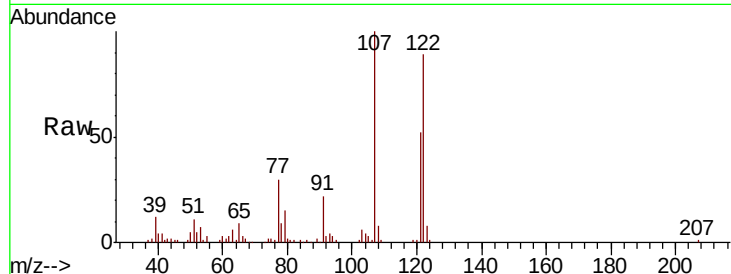




#27
 2,4-Dimethylphenol
 Concen: 18.444 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

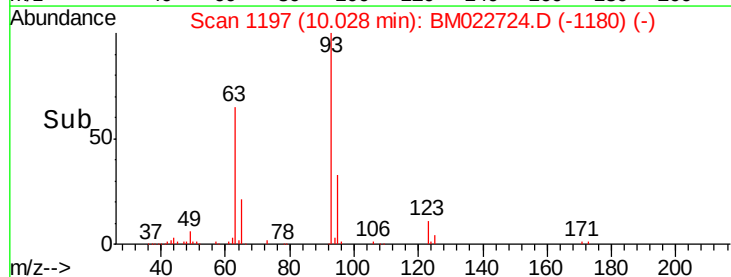
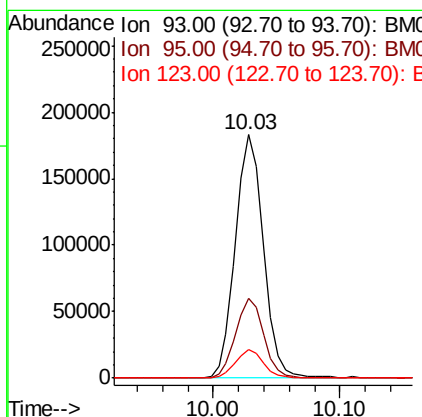
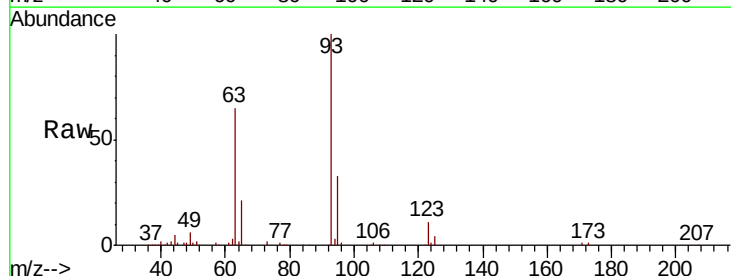
Instrument :
 BNA_M
 ClientSampleId :

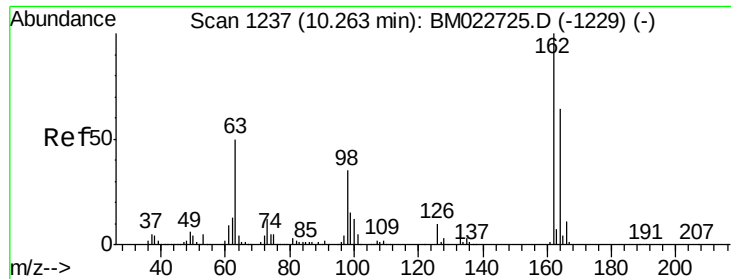
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.2	88.9	133.3
121	58.5	46.5	69.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 19.577 ng
 RT: 10.03 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.0	39.0
123	11.5	9.0	13.6

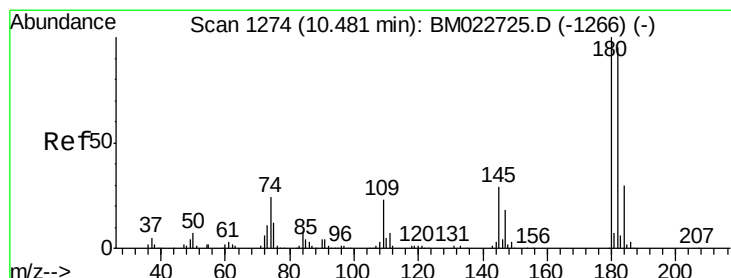
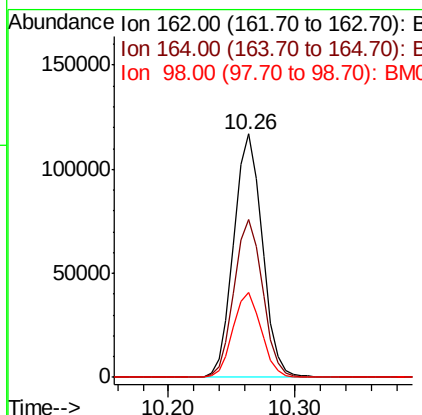
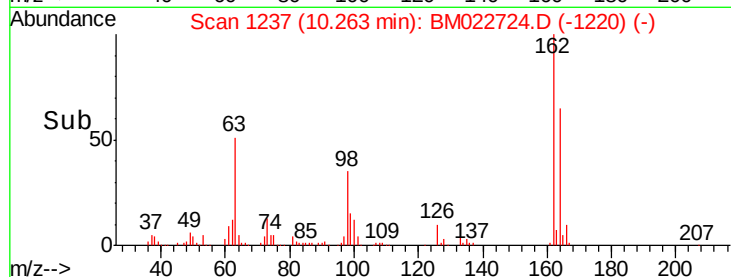
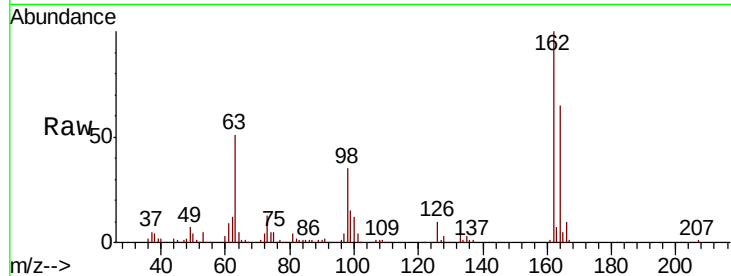




#29
 2,4-Dichlorophenol
 Concen: 16.992 ng
 RT: 10.26 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

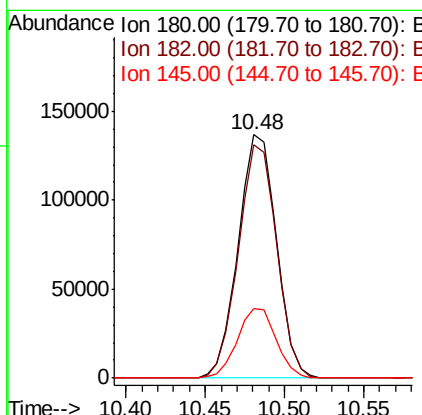
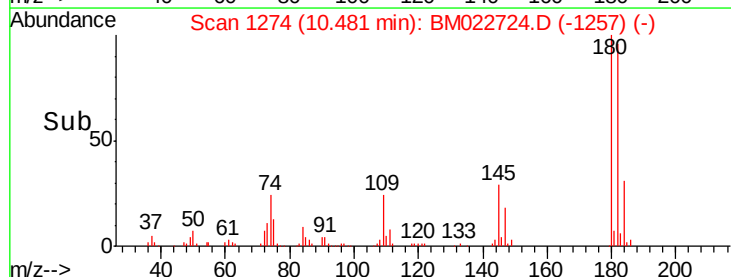
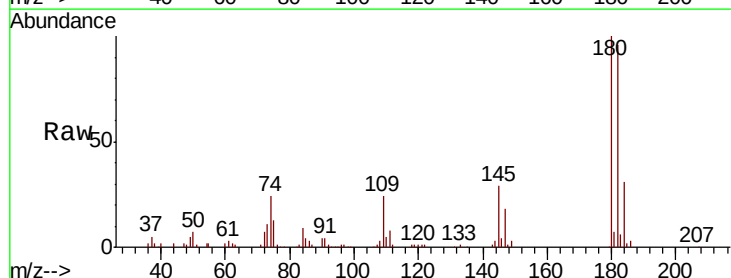
Instrument :
 BNA_M
 ClientSampleId :

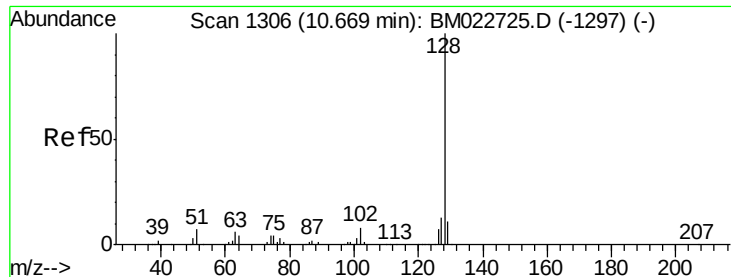
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.4	84.4
98	34.9	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 17.313 ng
 RT: 10.48 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.2	114.2
145	28.8	23.0	34.4

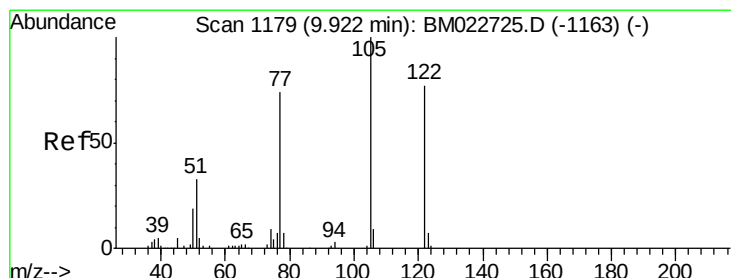
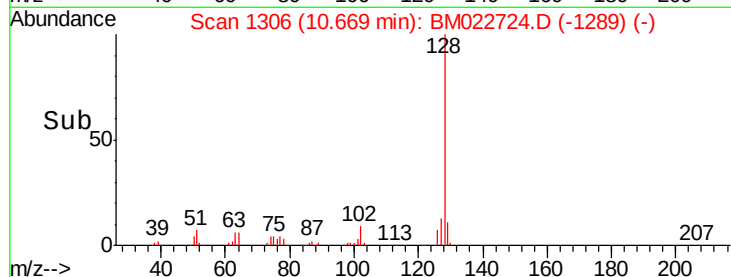
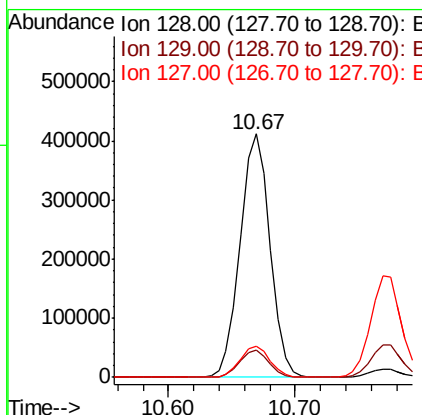
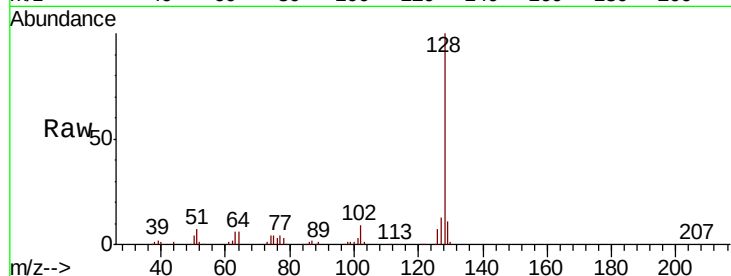




#31
Naphthalene
Concen: 19.479 ng
RT: 10.67 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

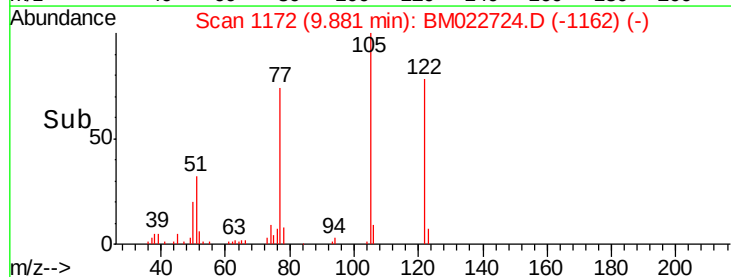
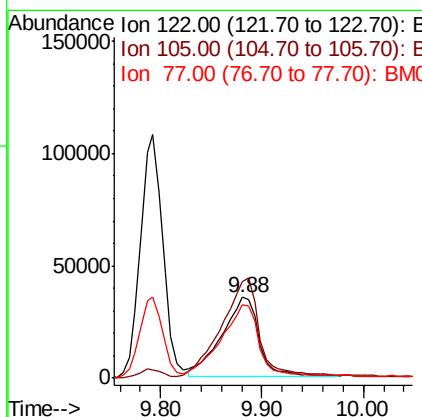
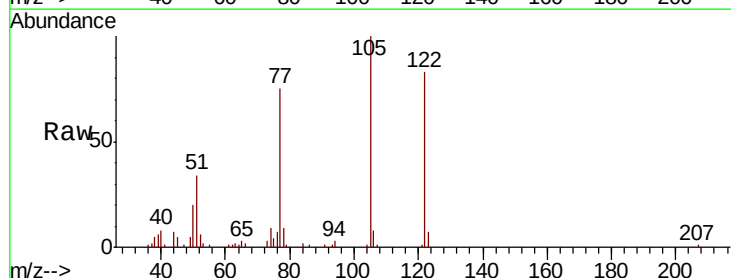
Instrument :
BNA_M
ClientSampled :

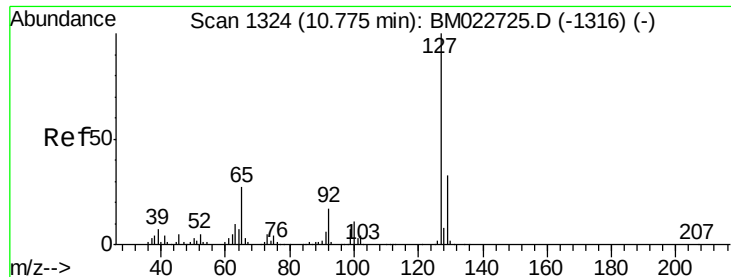
Tot Ion:128 Resp: 672184
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 11.542 ng
RT: 9.88 min Scan# 1172
Delta R.T. -0.04 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

Tgt Ion:122 Resp: 87984
Ion Ratio Lower Upper
122 100
105 120.4 105.3 145.3
77 90.5 74.7 114.7

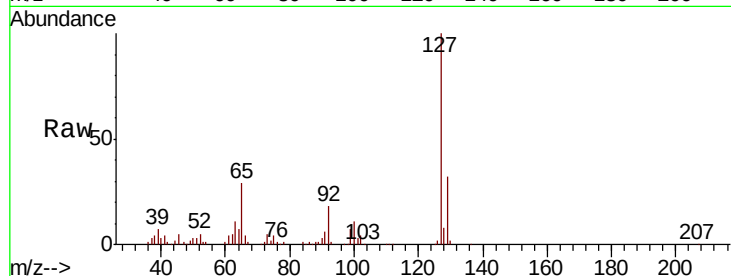




#33
4-Chloroaniline
Concen: 19.996 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

Instrument :
BNA_M
ClientSampled :

Tot Ion:127	Resp:	288776
Ion Ratio	Lower	Upper
127	100	
129	31.7	26.1 39.1
65	28.7	22.0 33.0
92	18.0	13.8 20.8



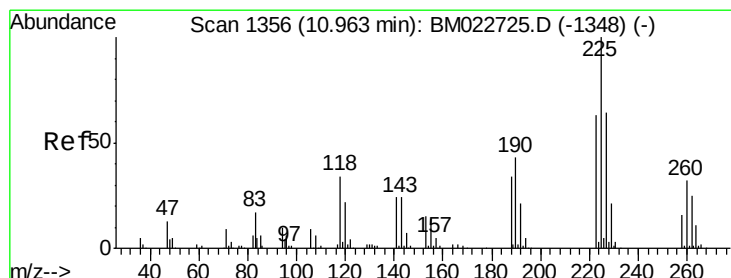
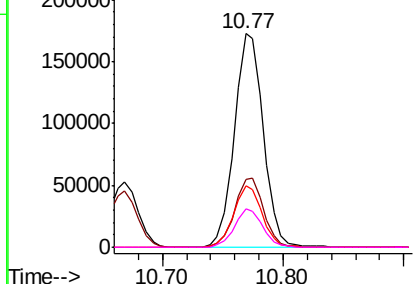
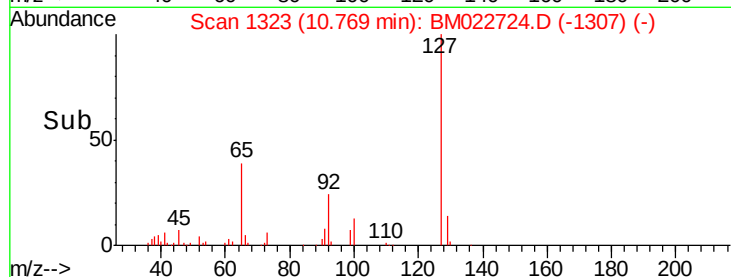
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

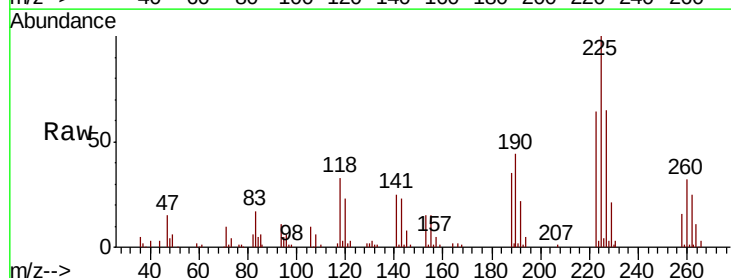
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 12.017 ng
RT: 10.96 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

Tgt Ion:225	Resp:	136862
Ion Ratio	Lower	Upper
225	100	
223	63.9	50.2 75.4
227	65.2	51.0 76.4

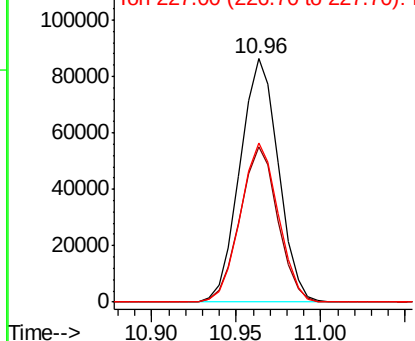
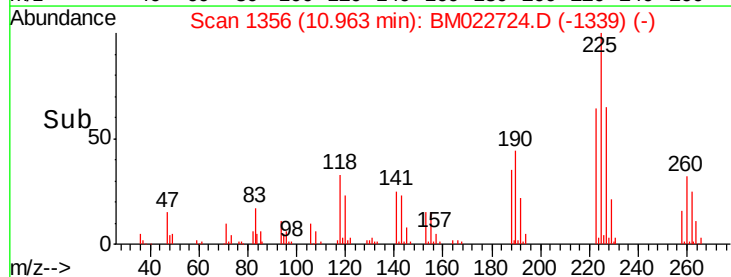


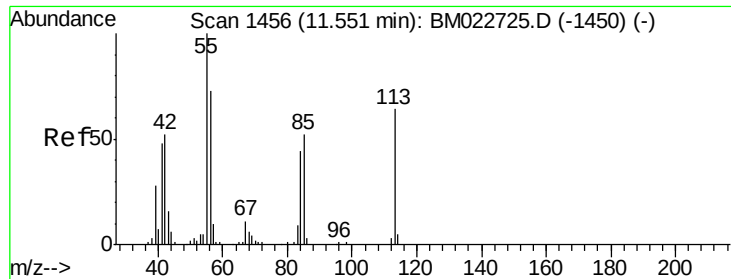
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 18.142 ng

RT: 11.55 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

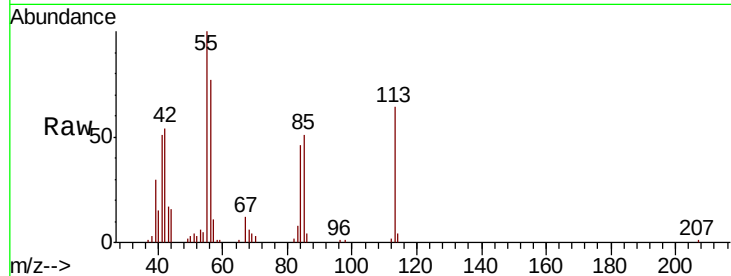
Tot Ion:113 Resp: 52551

Ion Ratio Lower Upper

113 100

55 155.8 136.8 176.8

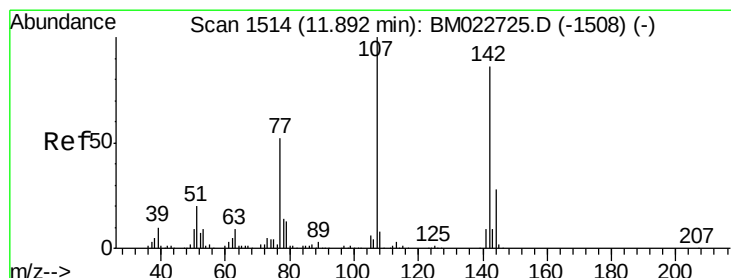
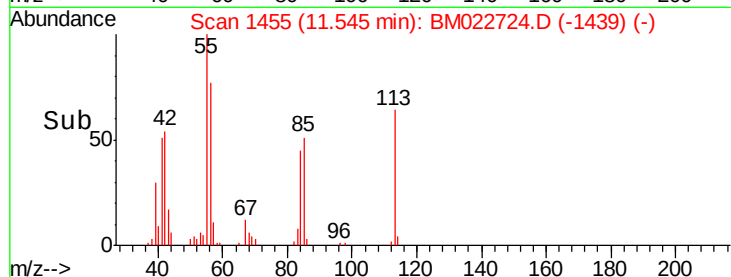
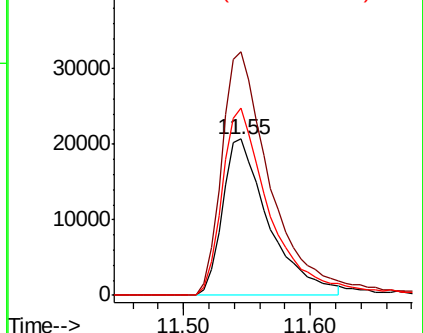
56 120.1 95.2 135.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 16.078 ng

RT: 11.89 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

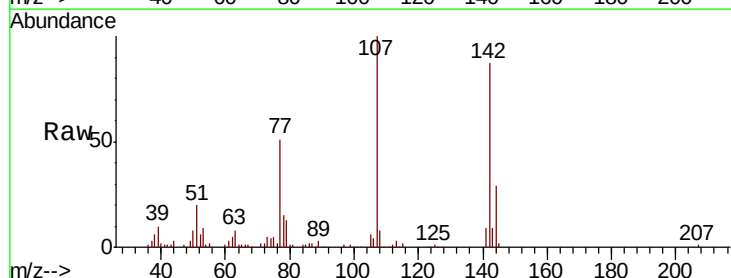
Tgt Ion:107 Resp: 183132

Ion Ratio Lower Upper

107 100

144 28.5 22.4 33.6

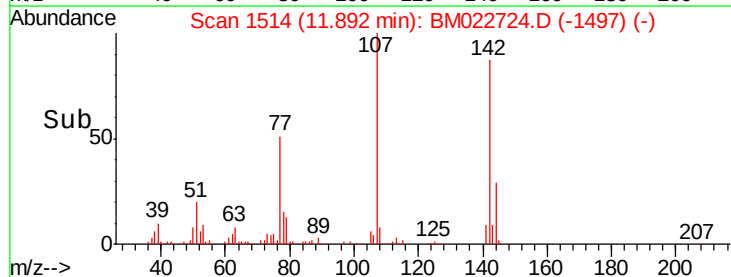
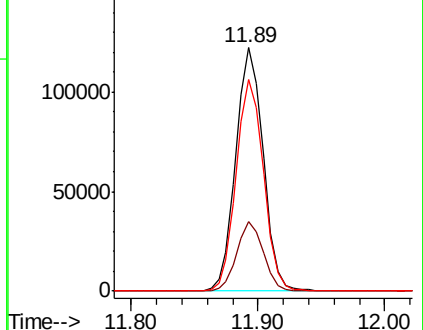
142 86.9 68.2 102.4

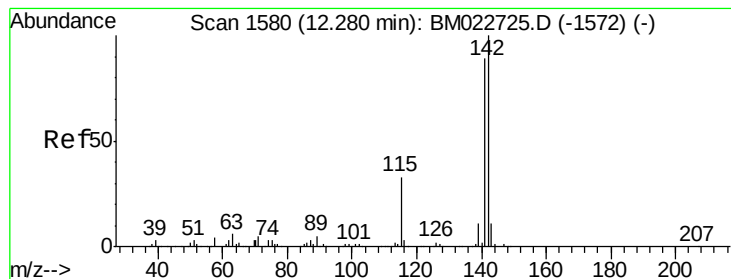


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 18.671 ng

RT: 12.28 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

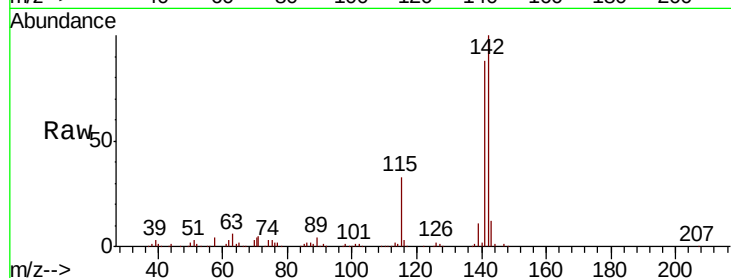
Tot Ion:142 Resp: 470937

Ion Ratio Lower Upper

142 100

141 87.7 71.5 107.3

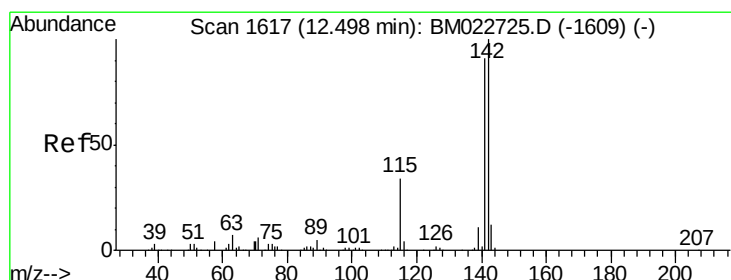
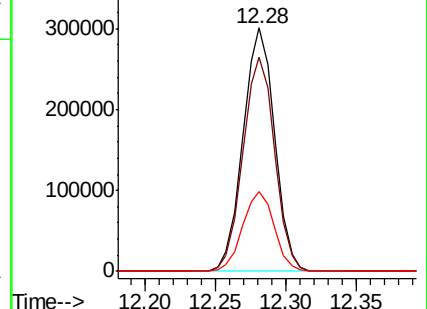
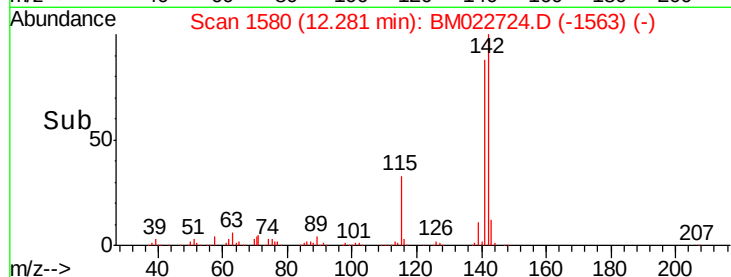
115 32.9 26.1 39.1



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: 18.635 ng

RT: 12.50 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

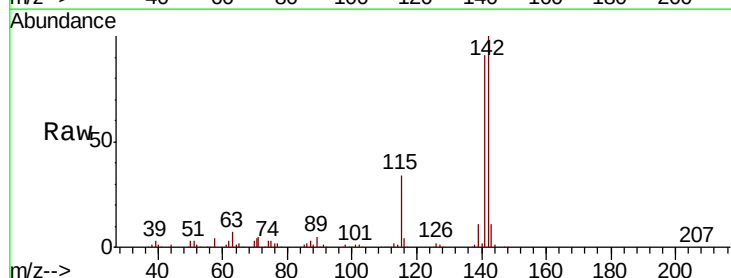
Tgt Ion:142 Resp: 448954

Ion Ratio Lower Upper

142 100

141 91.1 73.0 109.4

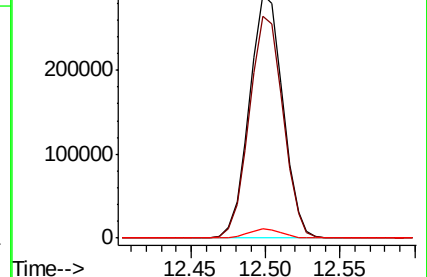
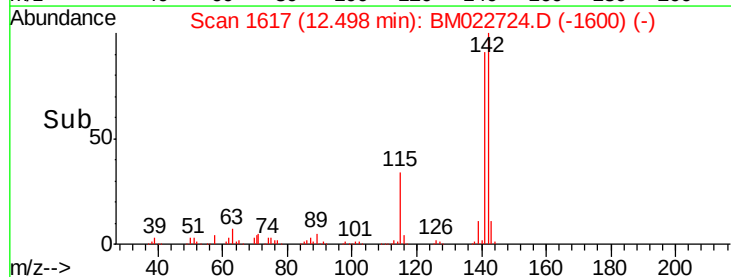
116 3.6 2.9 4.3

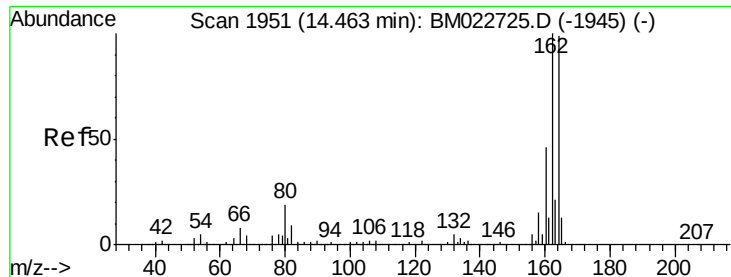


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.46 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

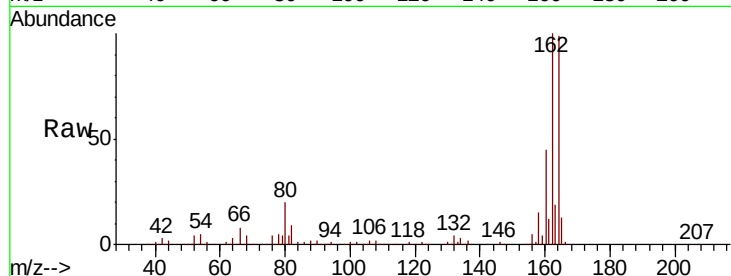
Tot Ion:164 Resp: 393564

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

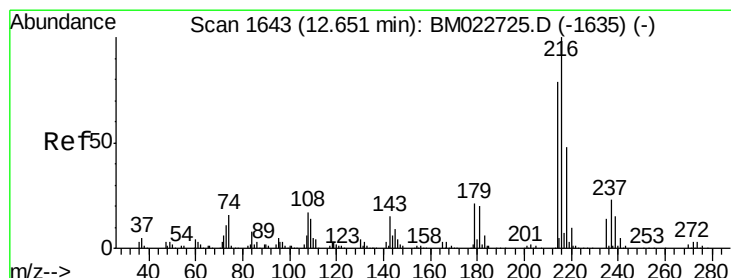
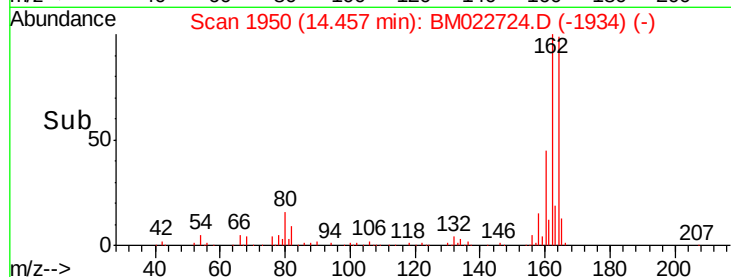
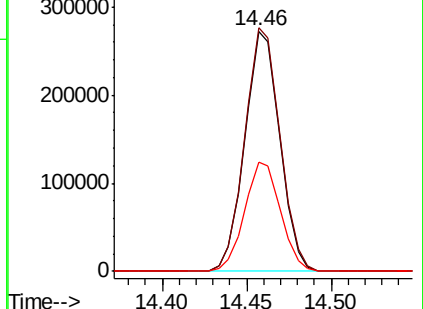
160 45.7 36.9 55.3



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: 16.702 ng

RT: 12.65 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Tgt Ion:216 Resp: 257295

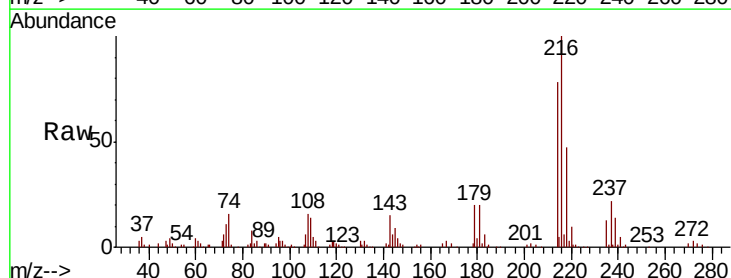
Ion Ratio Lower Upper

216 100

214 78.8 62.9 94.3

179 20.6 16.6 24.8

108 18.3 14.2 21.4

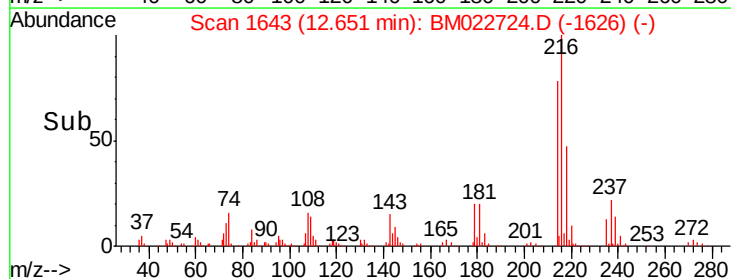
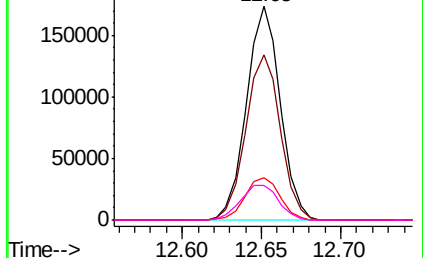


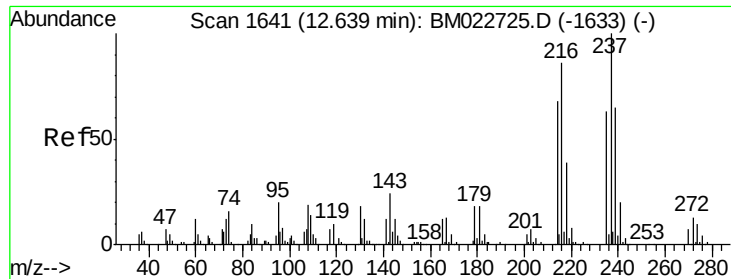
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

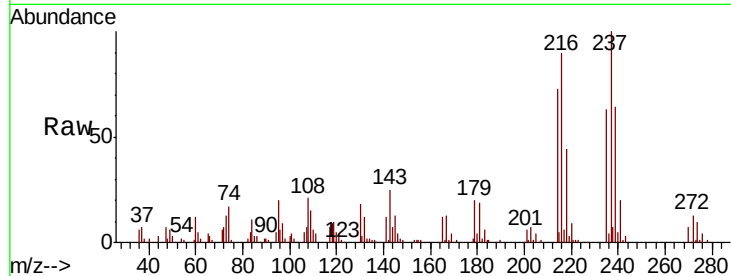




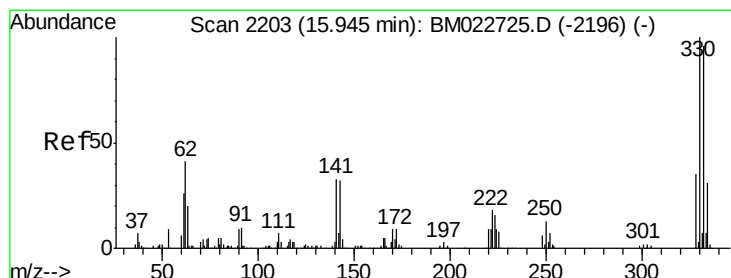
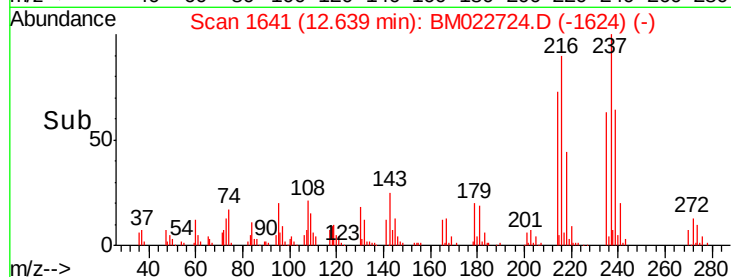
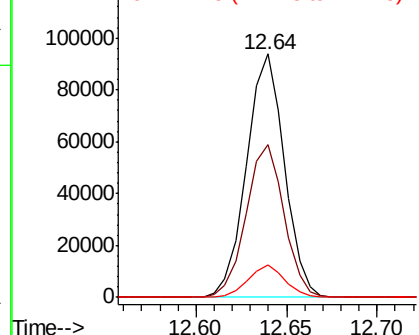
#41
 Hexachlorocyclopentadiene
 Concen: 18.982 ng
 RT: 12.64 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	237	Resp:	136094
Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.3	83.3
272	13.4	0.0	32.6

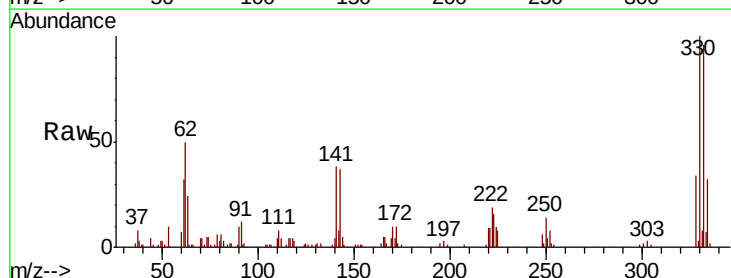


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

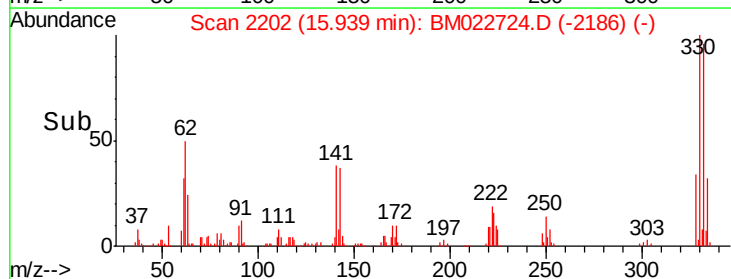
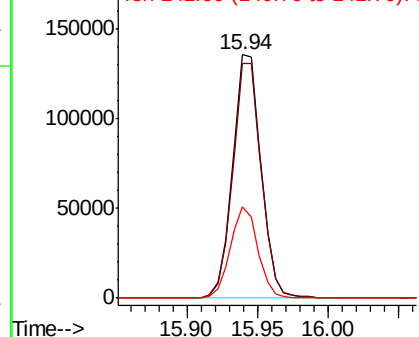


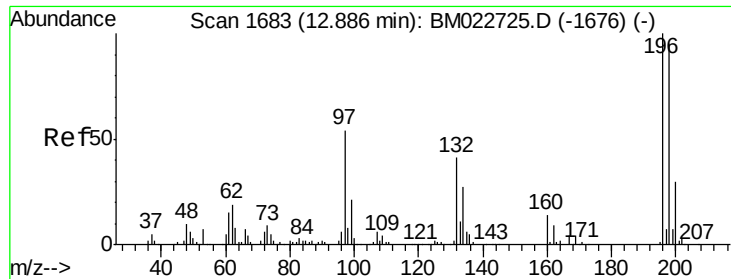
#42
 2,4,6-Tribromophenol
 Concen: 29.829 ng
 RT: 15.94 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Tgt Ion:	330	Resp:	190018
Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	36.1	28.6	42.8



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

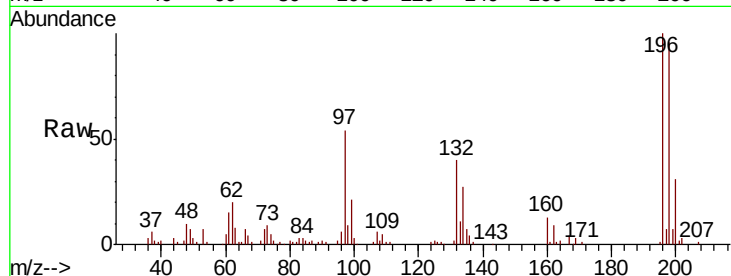




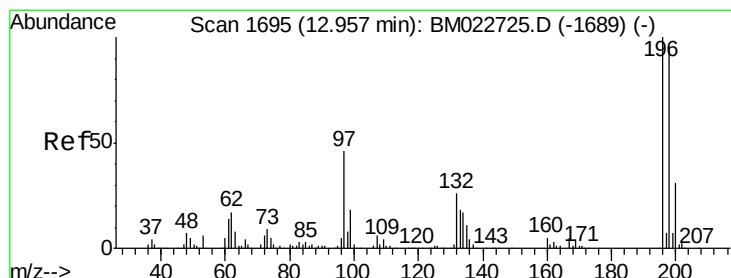
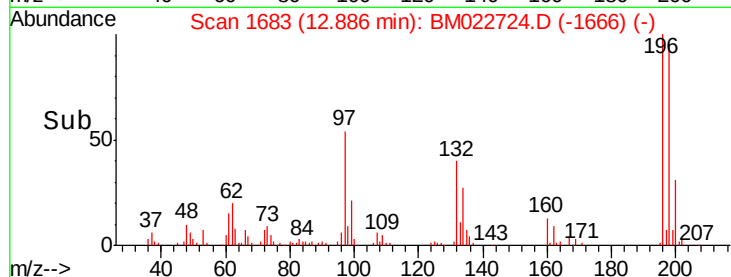
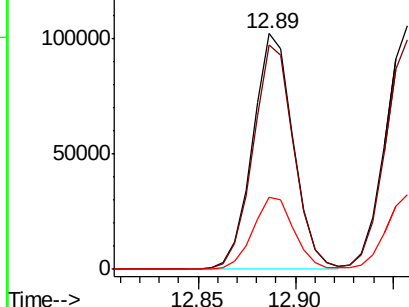
#43
 2,4,6-Trichlorophenol
 Concen: 15.920 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:196 Resp: 147018
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.3 114.5
 200 30.7 24.4 36.6

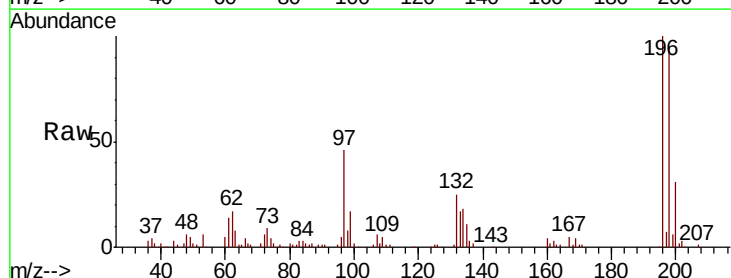


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

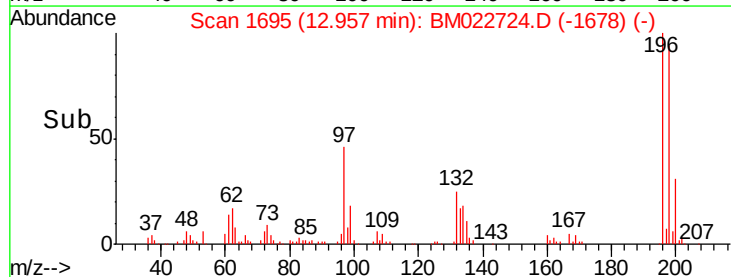
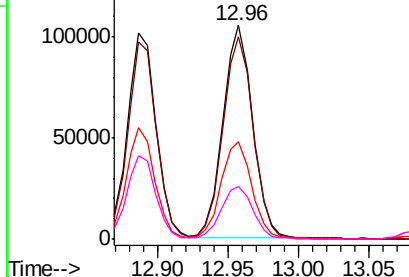


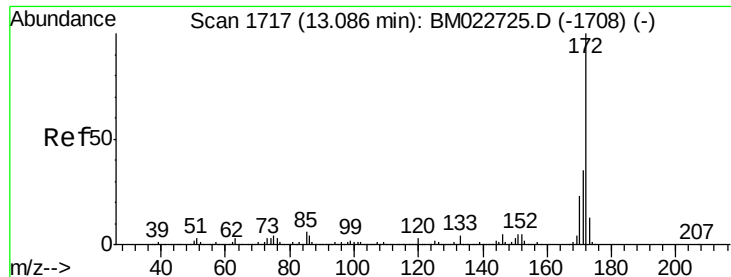
#44
 2,4,5-Trichlorophenol
 Concen: 16.431 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Tgt Ion:196 Resp: 154026
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.0 115.4
 97 45.7 37.2 55.8
 132 24.9 20.8 31.2



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

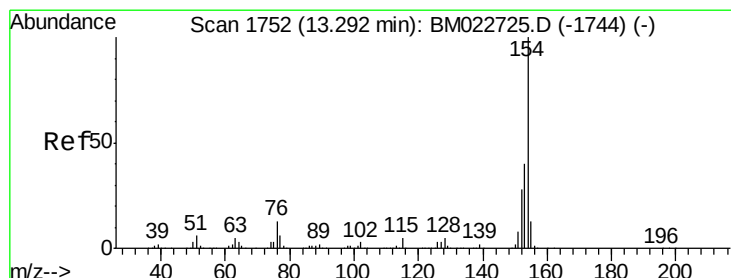
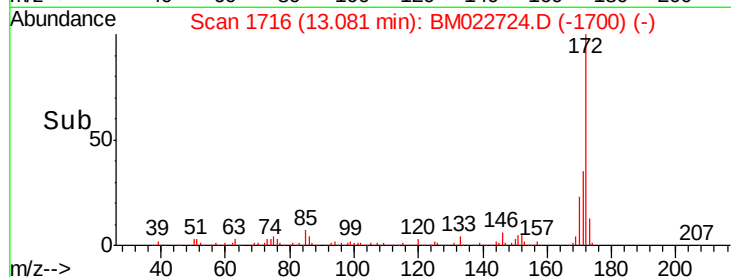
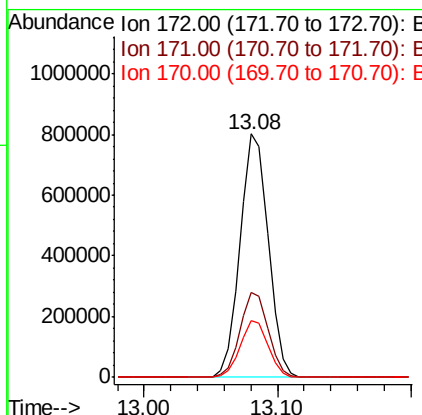
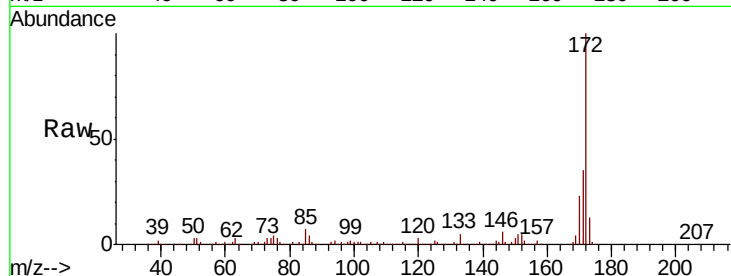




#45
2-Fluorobiphenyl
Concen: 37.008 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

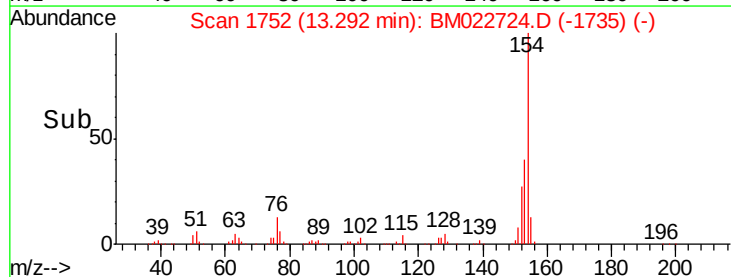
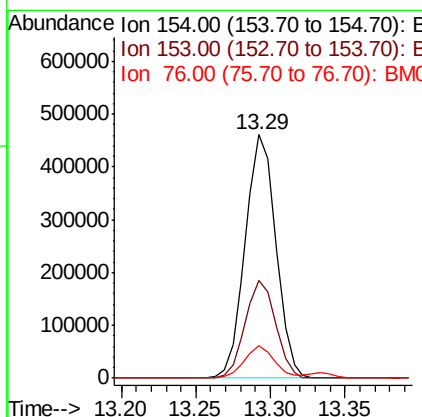
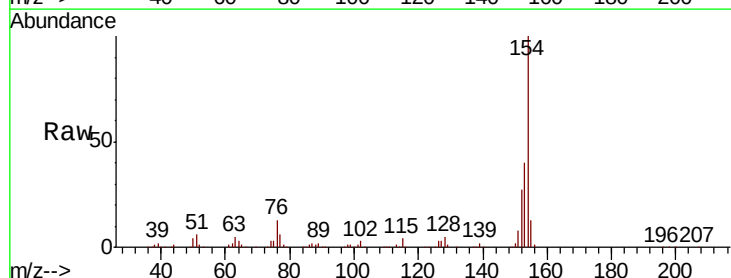
Instrument :
BNA_M
ClientSampleId :

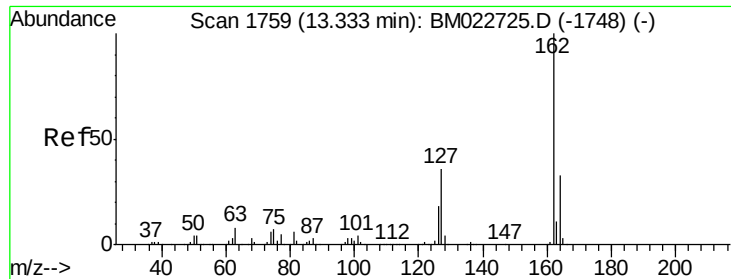
Tot Ion:172 Resp: 1166142
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 23.5 18.7 28.1



#46
1,1'-Biphenyl
Concen: 21.137 ng
RT: 13.29 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

Tgt Ion:154 Resp: 654224
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 13.3 0.0 32.6

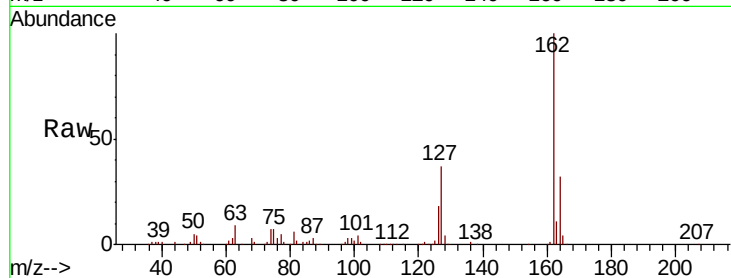




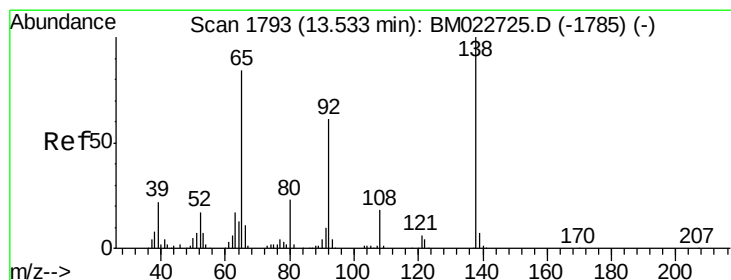
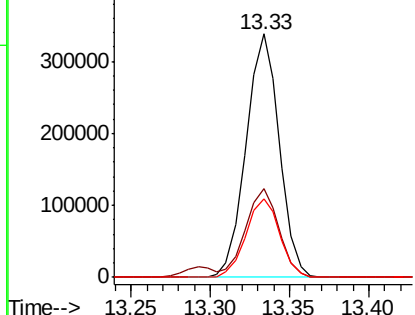
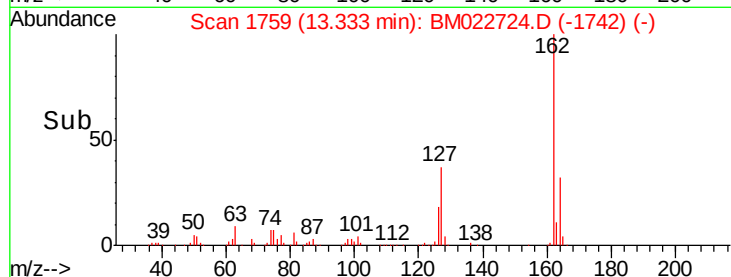
#47
 2-Chloronaphthalene
 Concen: 19.315 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.5	29.0	43.6
164	32.2	26.0	39.0

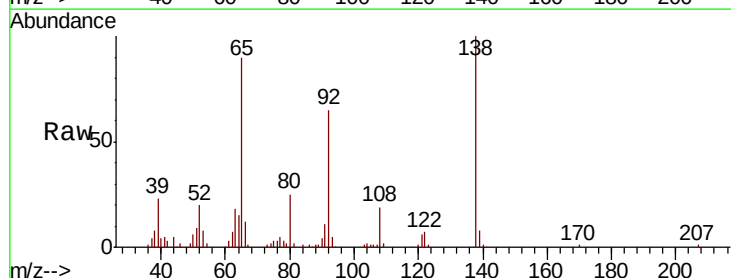


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

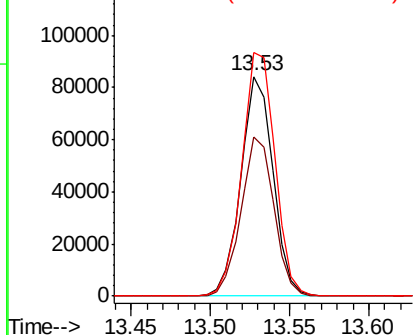
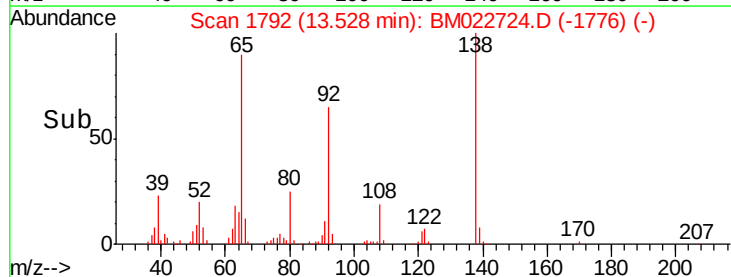


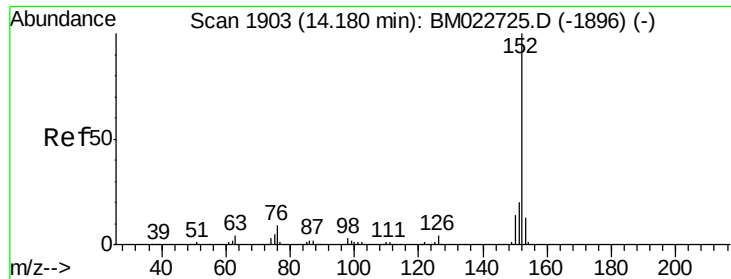
#48
 2-Nitroaniline
 Concen: 14.826 ng
 RT: 13.53 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	58.6	87.8
138	110.8	95.4	143.0



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





#49

Acenaphthylene

Concen: 18.486 ng

RT: 14.18 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

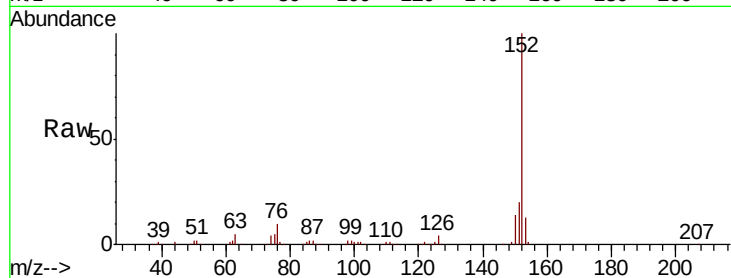
Tot Ion:152 Resp: 722266

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

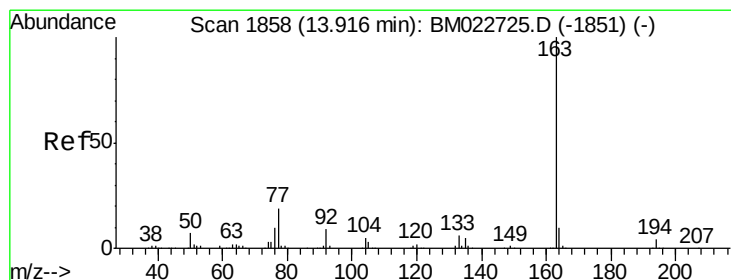
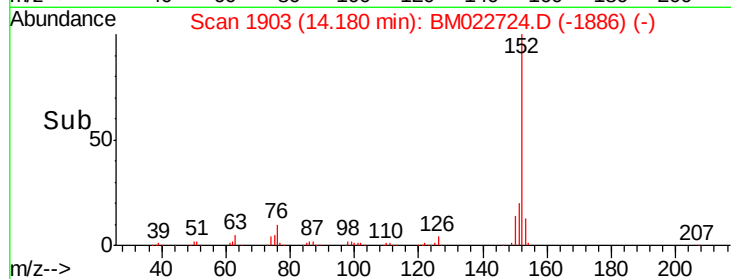
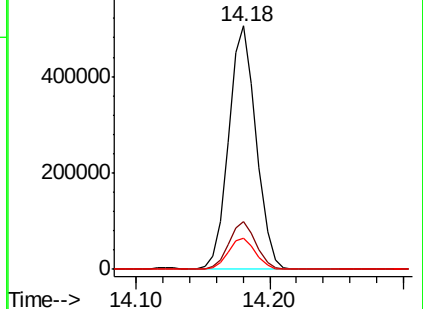
153 13.0 10.5 15.7



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: 17.516 ng

RT: 13.92 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

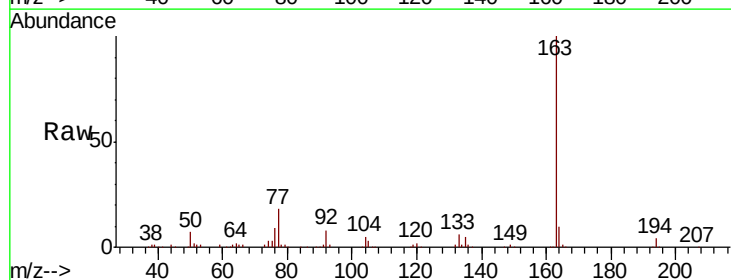
Tgt Ion:163 Resp: 579567

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

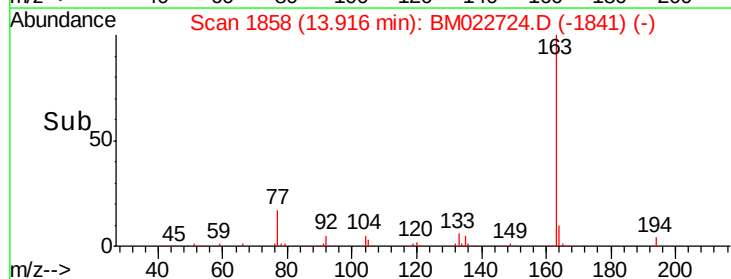
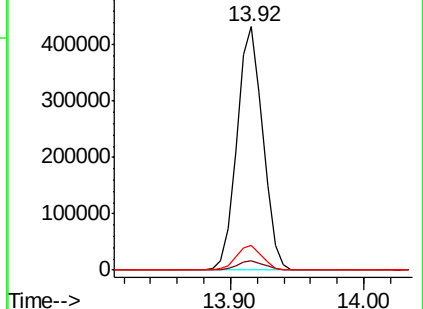
164 10.1 8.2 12.2

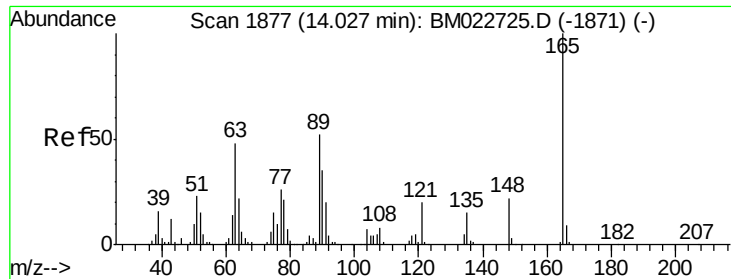


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

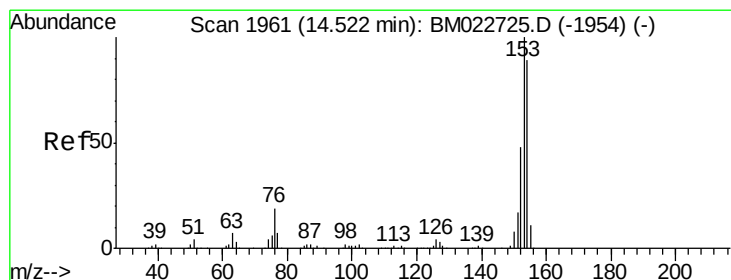
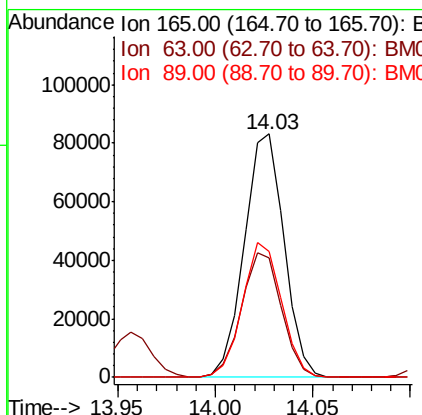
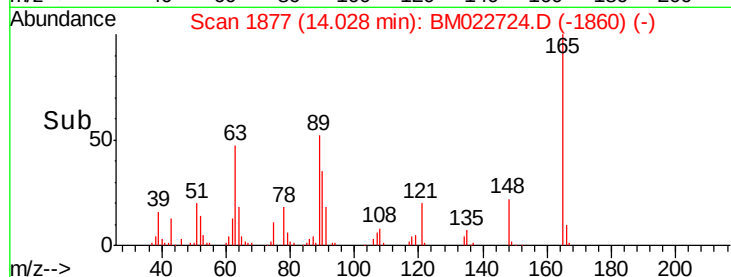
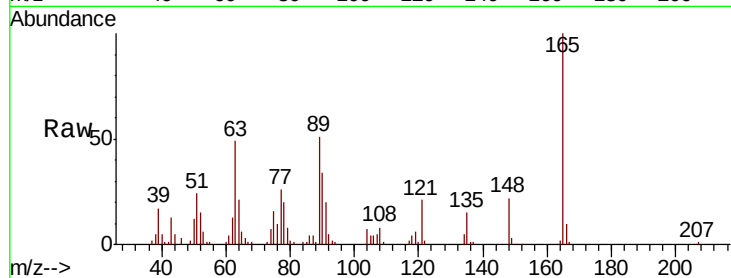




#51
 2,6-Dinitrotoluene
 Concen: 17.939 ng
 RT: 14.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

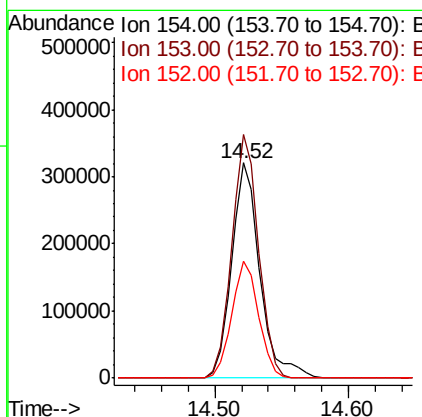
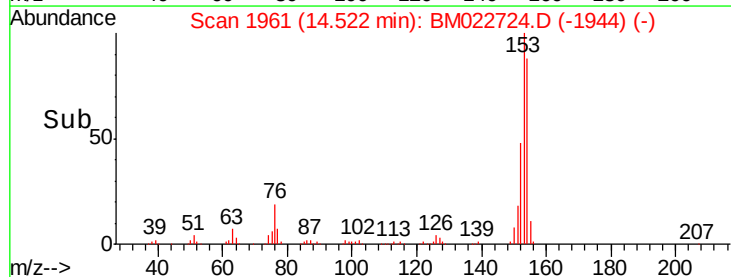
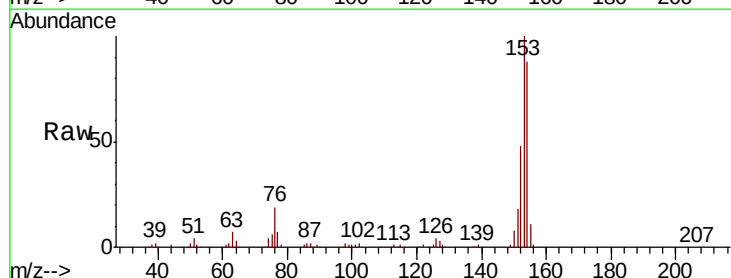
Instrument :
 BNA_M
 ClientSampleId :

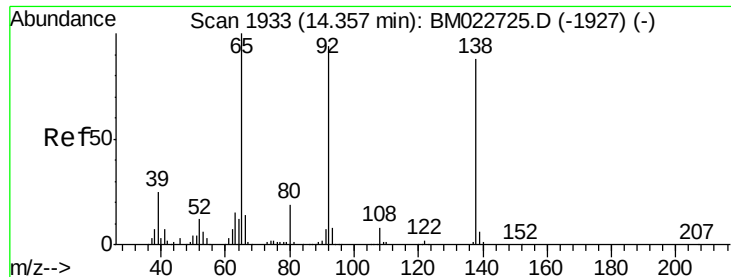
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.0	38.6	58.0
89	51.5	41.6	62.4



#52
 Acenaphthene
 Concen: 20.805 ng
 RT: 14.52 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.0	135.0
152	54.3	42.9	64.3

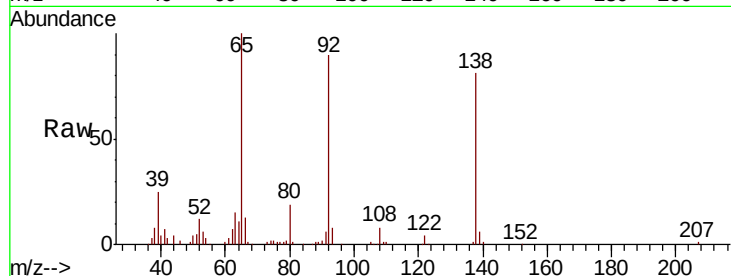




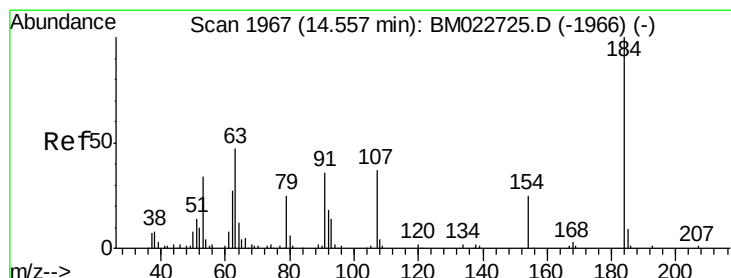
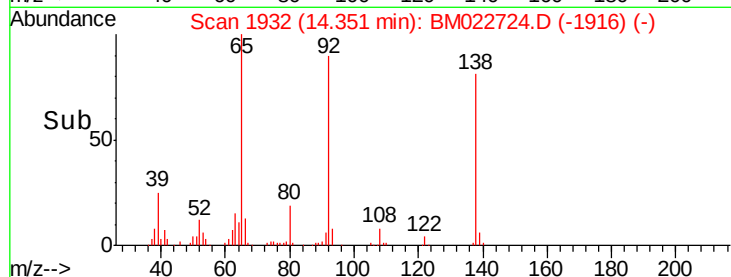
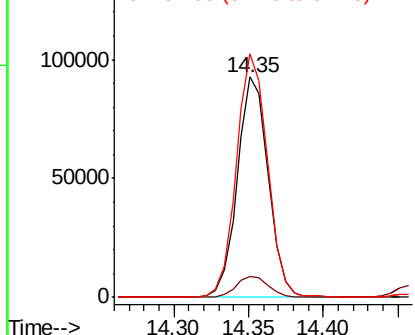
#53
3-Nitroaniline
Concen: 20.444 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

Instrument :
BNA_M
ClientSampled :

Tot Ion:138 Resp: 133036
Ion Ratio Lower Upper
138 100
108 9.6 7.3 10.9
92 110.6 86.3 129.5

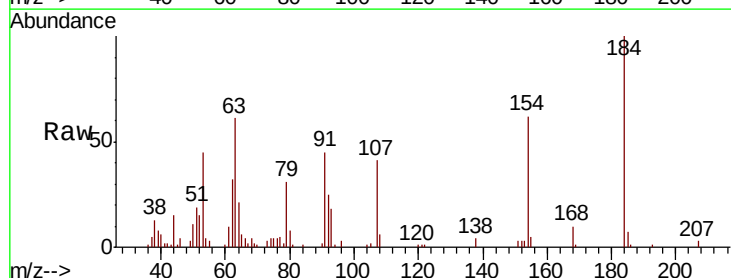


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

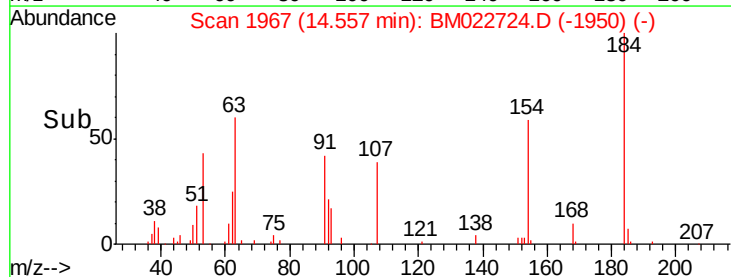
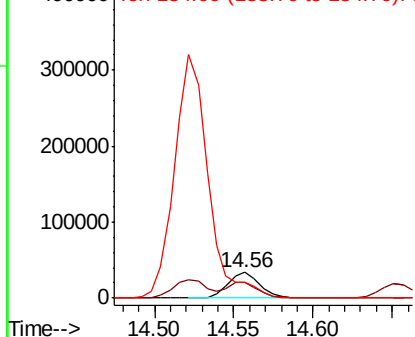


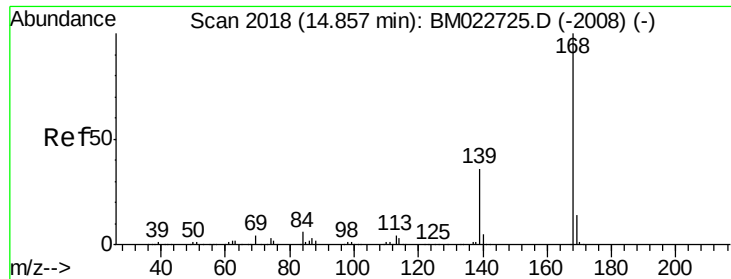
#54
2,4-Dinitrophenol
Concen: 14.669 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

Tgt Ion:184 Resp: 47381
Ion Ratio Lower Upper
184 100
63 61.5 48.5 72.7
154 61.7 48.1 72.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

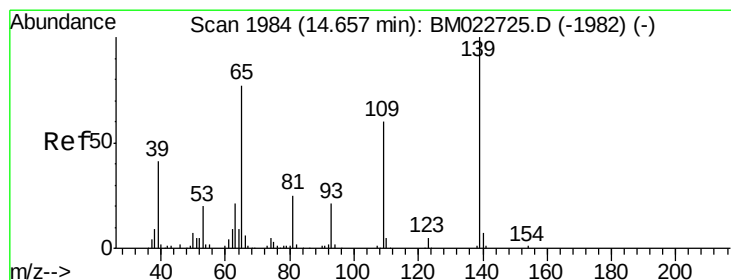
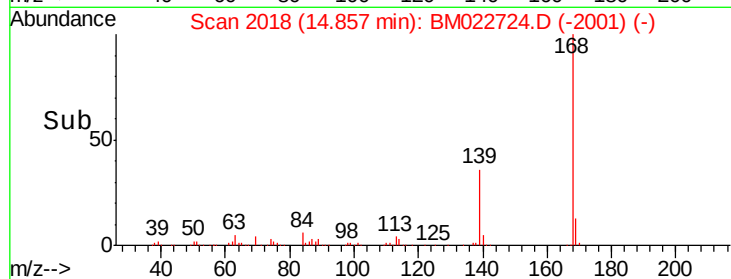
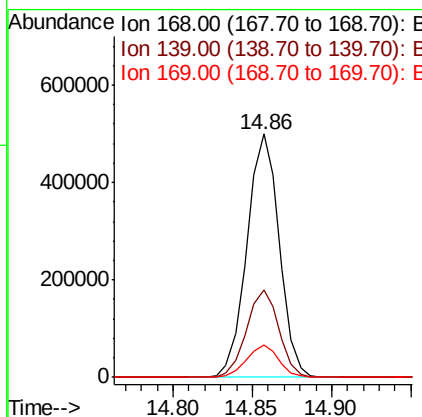
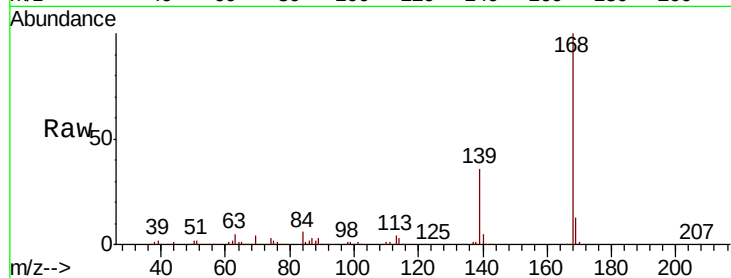




#55
Dibenzenofuran
Concen: 18.647 ng
RT: 14.86 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

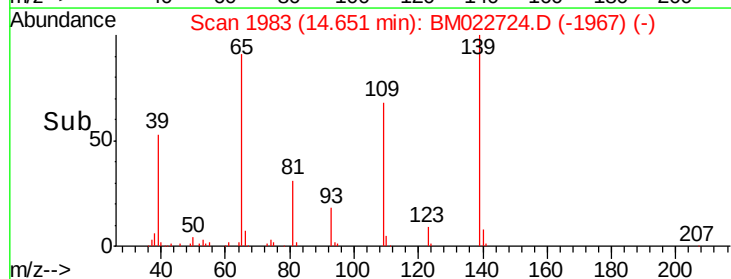
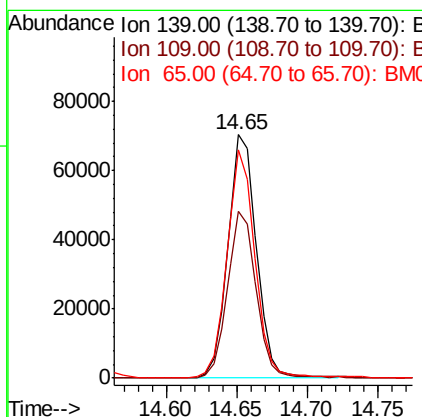
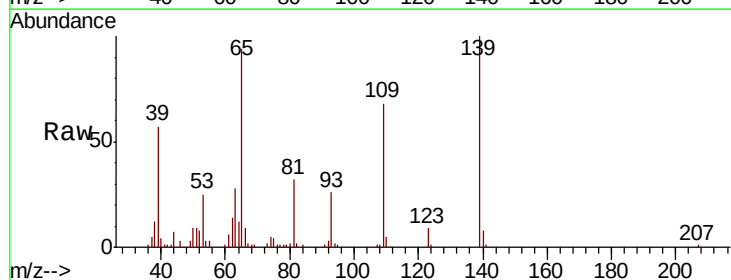
Instrument :
BNA_M
ClientSampleId :

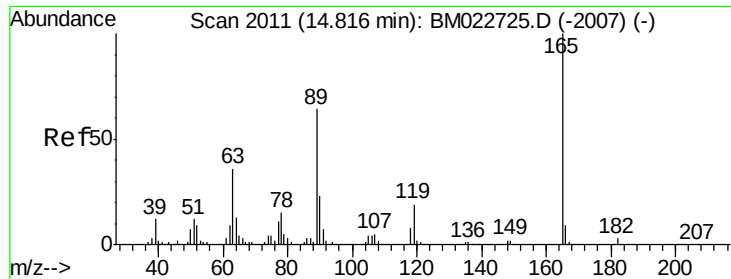
Tot Ion:168 Resp: 706005
Ion Ratio Lower Upper
168 100
139 35.8 28.8 43.2
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 22.811 ng
RT: 14.65 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

Tgt Ion:139 Resp: 98935
Ion Ratio Lower Upper
139 100
109 68.4 44.8 84.8
65 94.0 66.6 106.6

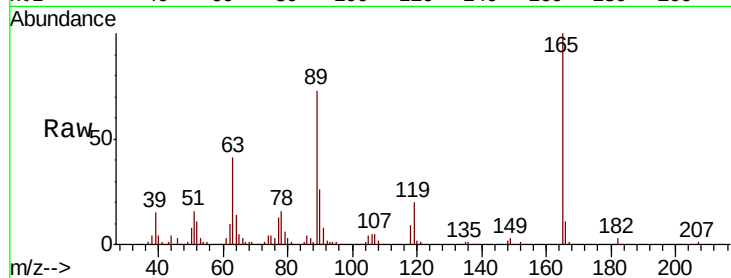




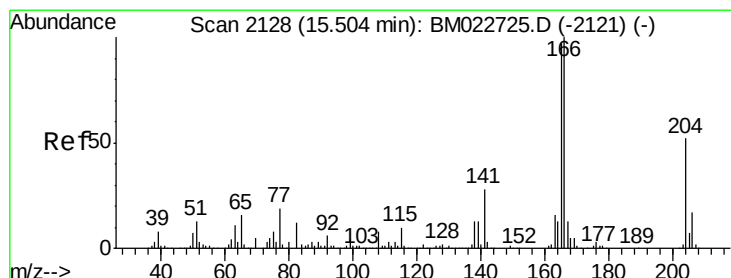
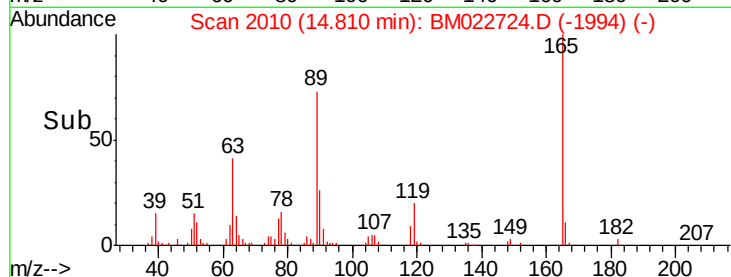
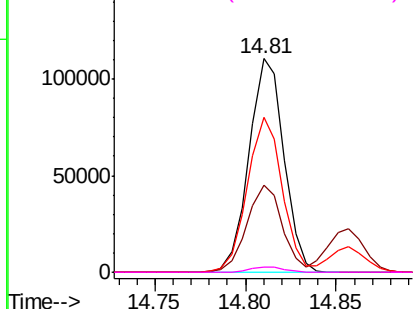
#57
2,4-Dinitrotoluene
Concen: 15.720 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.8	30.1	45.1
89	72.5	52.5	78.7
182	2.5	2.2	3.4

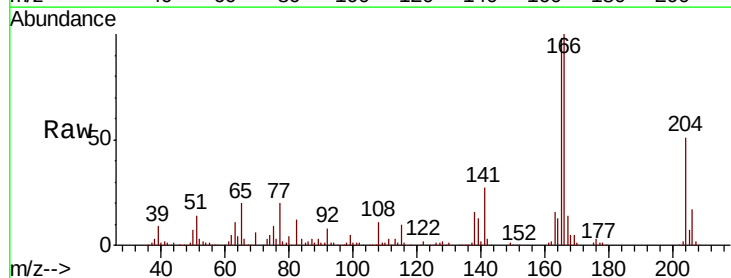


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

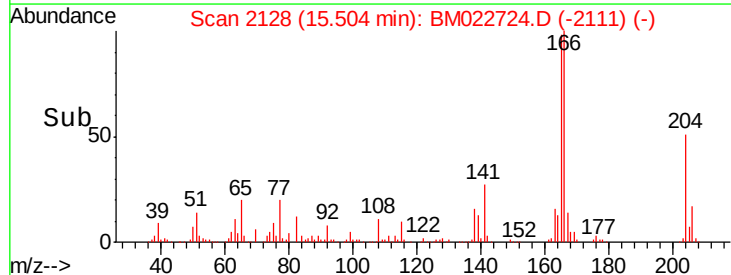
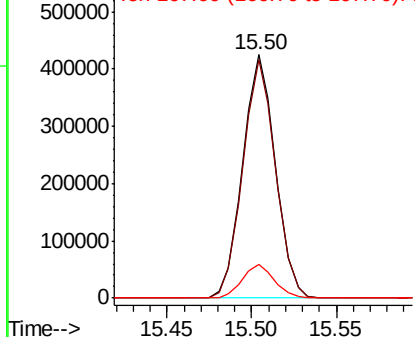


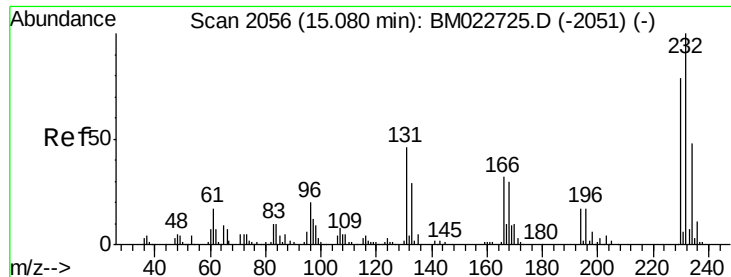
#58
Fluorene
Concen: 17.948 ng
RT: 15.50 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.6	116.4
167	13.8	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

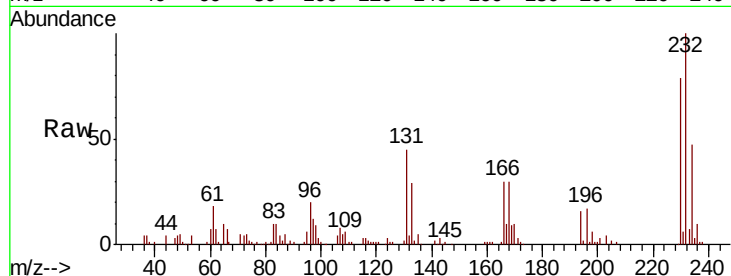




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 14.464 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.5	36.3	54.5
130	2.4	1.8	2.8
166	31.0	25.0	37.4



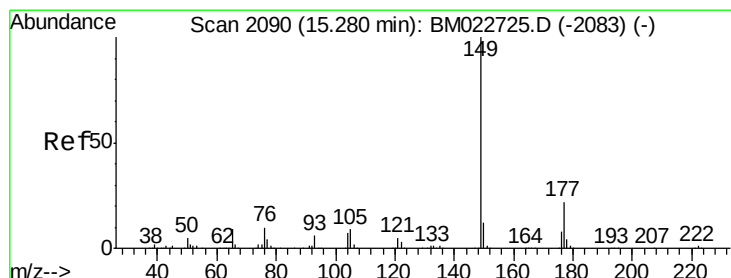
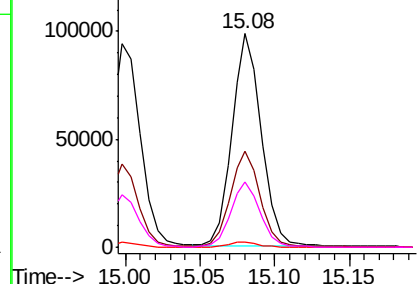
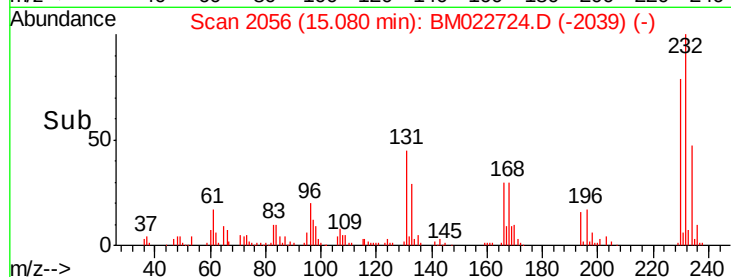
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

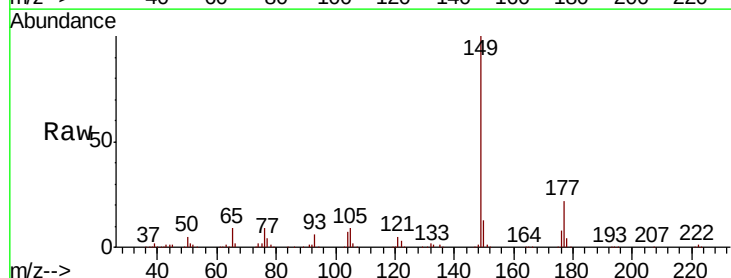
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 16.065 ng
 RT: 15.28 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.6	26.4
150	12.5	9.9	14.9

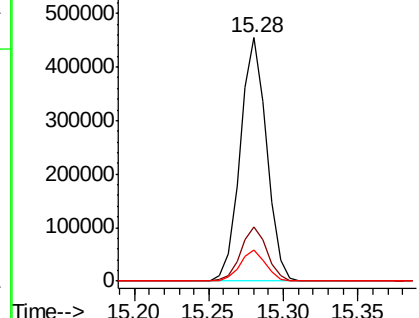
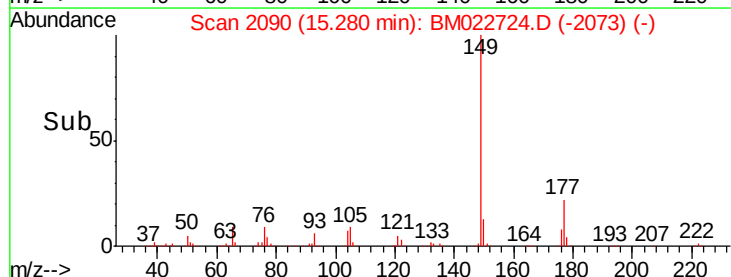


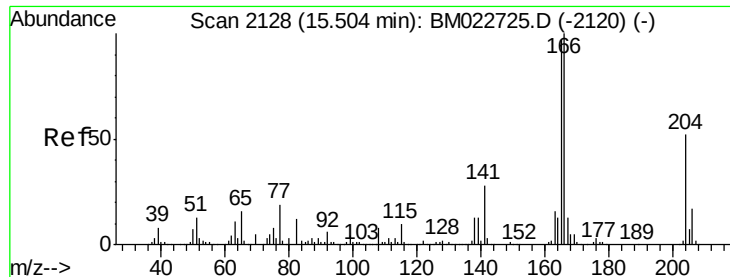
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

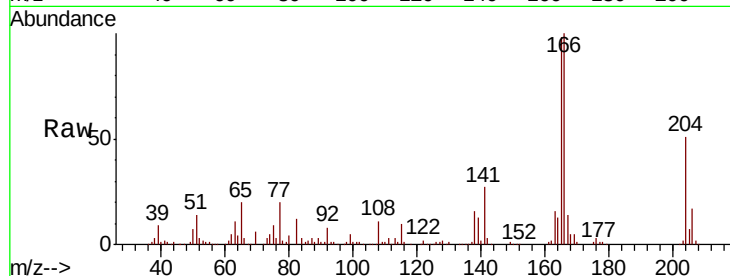




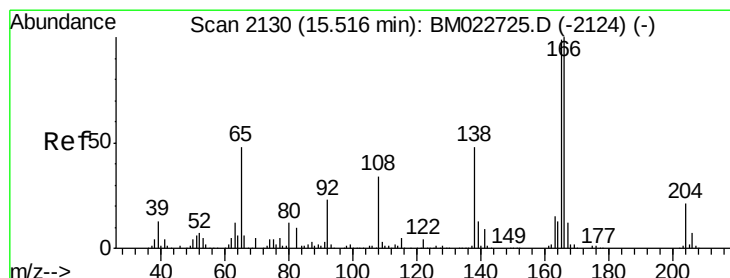
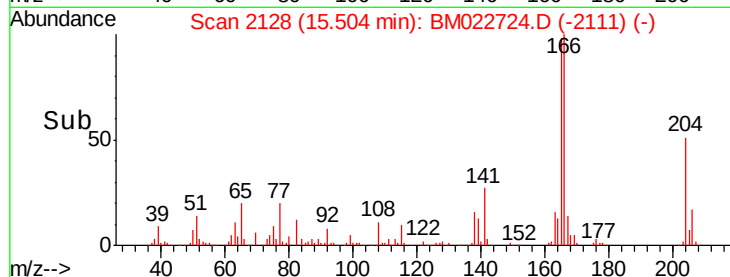
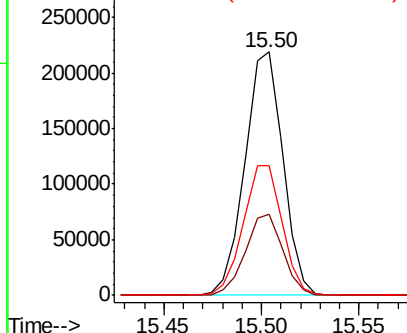
#61
 4-Chlorophenyl-phenylether
 Concen: 14.713 ng
 RT: 15.50 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 295972
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.2 39.4
 141 53.1 42.6 64.0

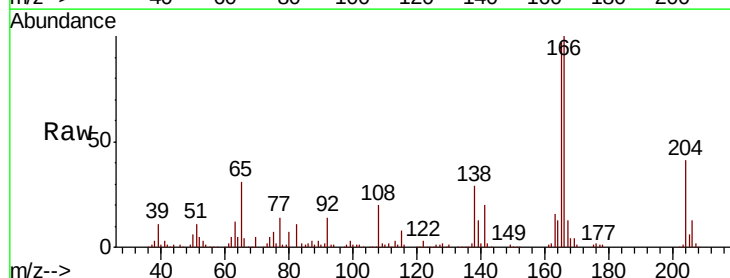


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

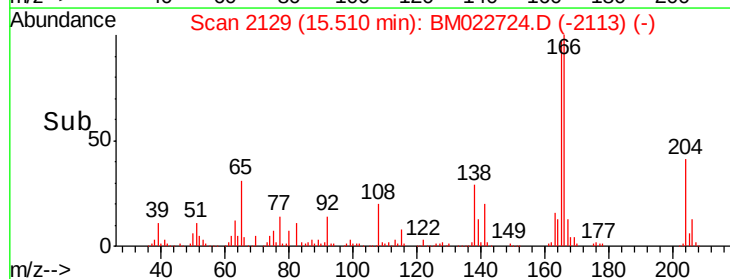
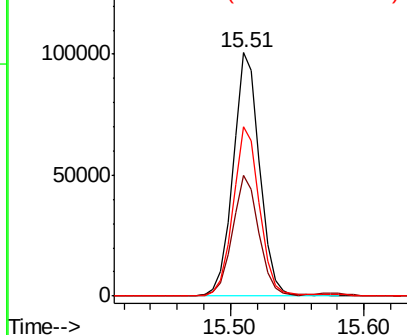


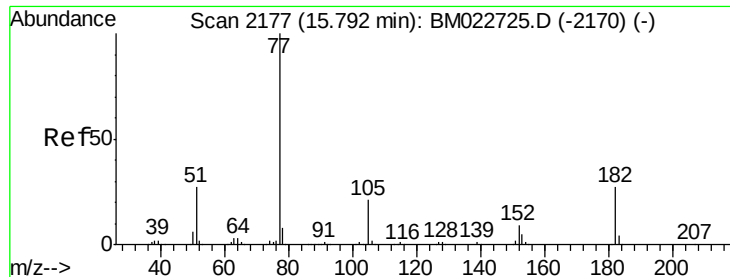
#62
 4-Nitroaniline
 Concen: 23.125 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Tgt Ion:138 Resp: 139281
 Ion Ratio Lower Upper
 138 100
 92 49.4 28.7 68.7
 108 69.4 50.3 90.3



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





#63

Azobenzene

Concen: 15.155 ng

RT: 15.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 509574

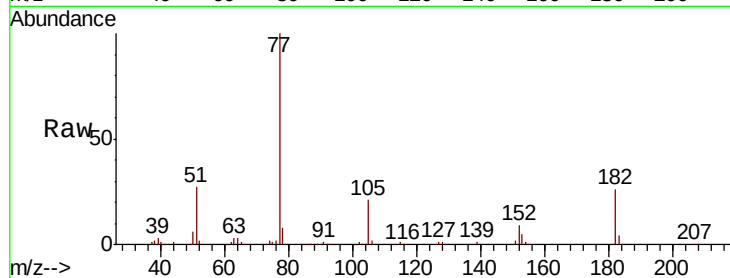
Ion Ratio Lower Upper

77 100

182 26.1 7.0 47.0

105 20.8 0.9 40.9

51 27.3 6.6 46.6

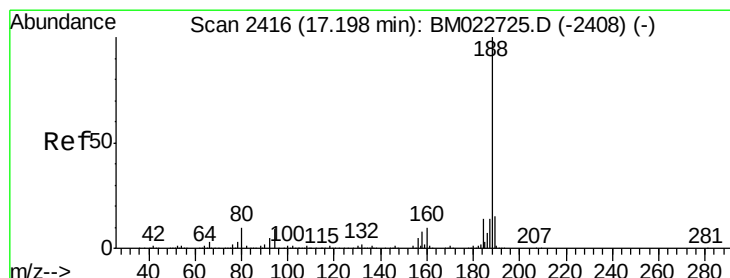
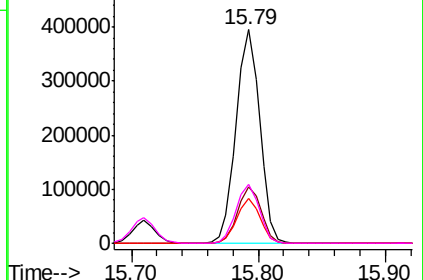
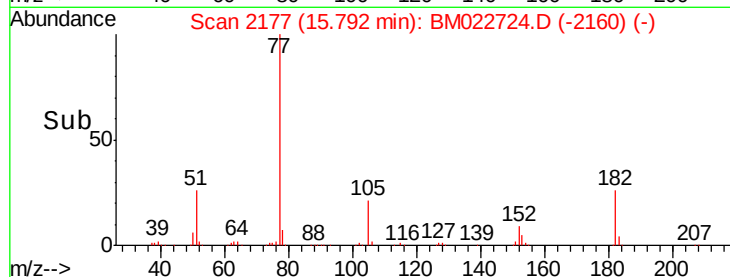


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

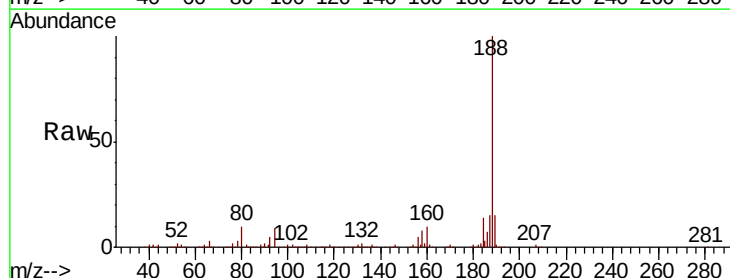
Tgt Ion: 188 Resp: 776510

Ion Ratio Lower Upper

188 100

94 9.3 7.3 10.9

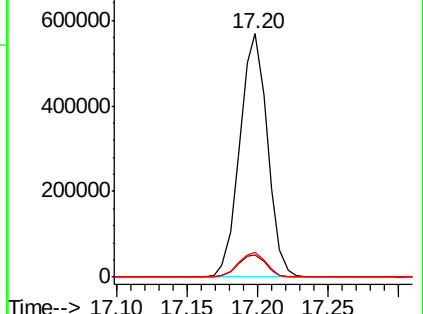
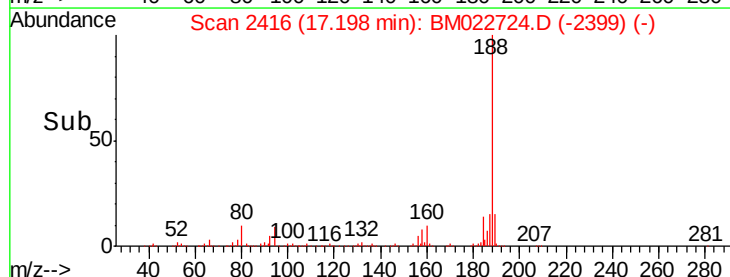
80 10.0 7.8 11.8

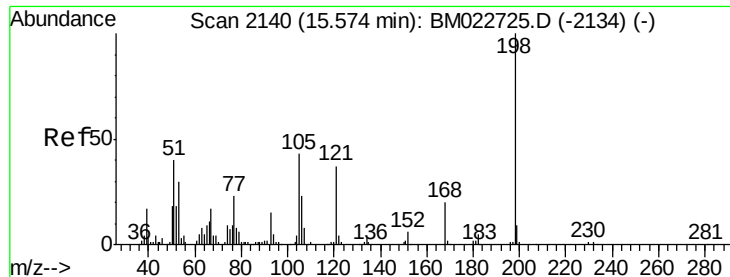


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 13.185 ng

RT: 15.57 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

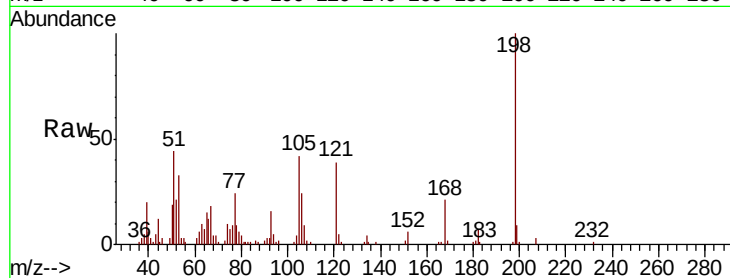
Tot Ion:198 Resp: 61471

Ion Ratio Lower Upper

198 100

51 43.5 21.0 61.0

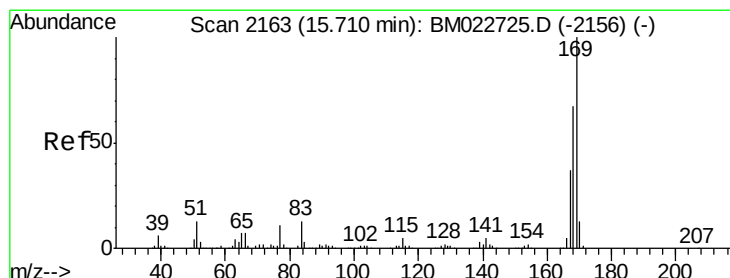
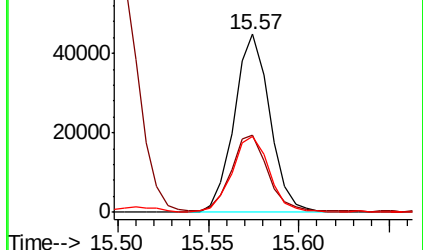
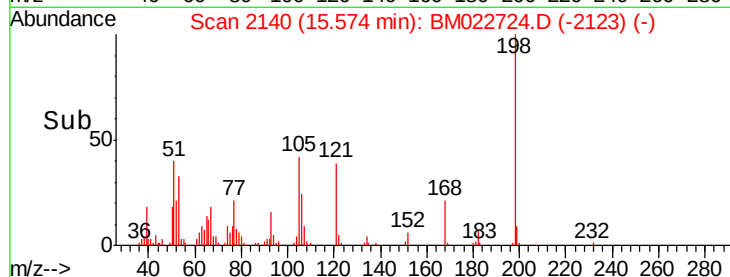
105 42.5 22.5 62.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 19.310 ng

RT: 15.71 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

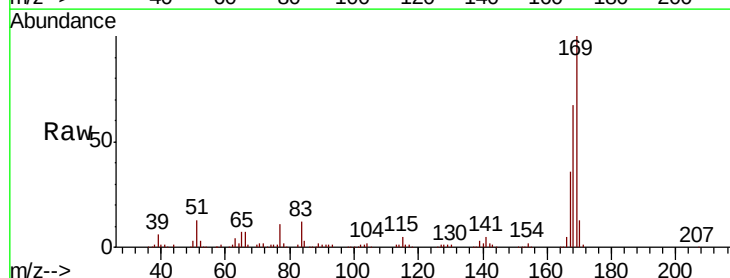
Tgt Ion:169 Resp: 480796

Ion Ratio Lower Upper

169 100

168 67.0 53.4 80.2

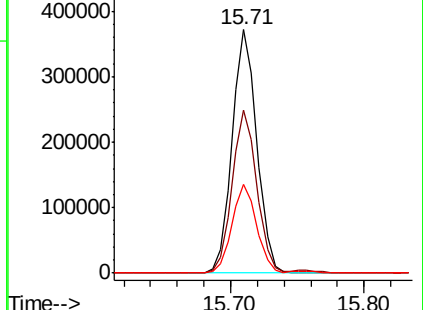
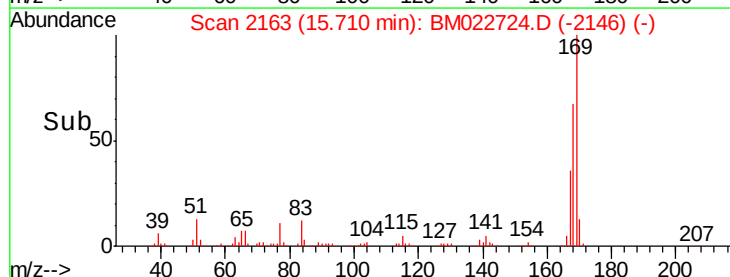
167 36.2 29.3 43.9

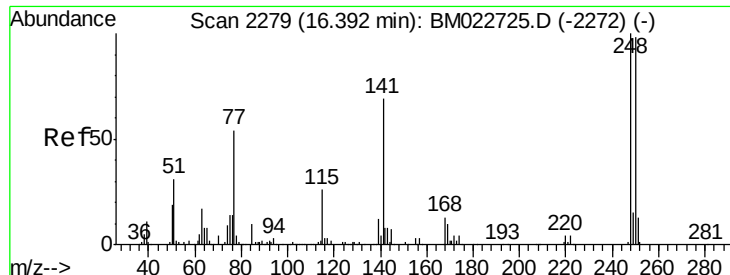


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

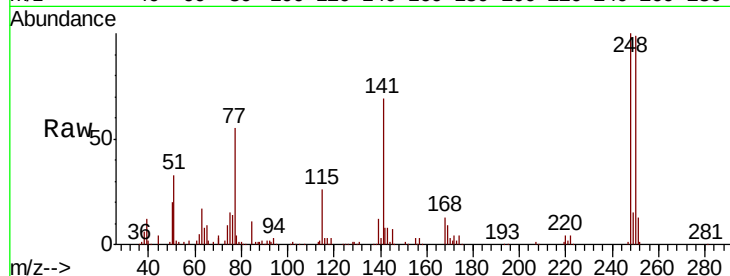




#67
 4-Bromophenyl-phenylether
 Concen: 14.859 ng
 RT: 16.39 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.4	117.6
141	68.7	55.1	82.7

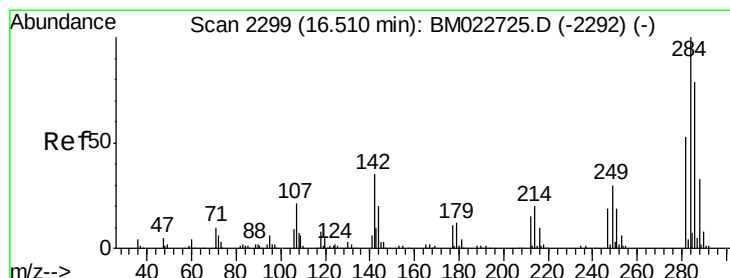
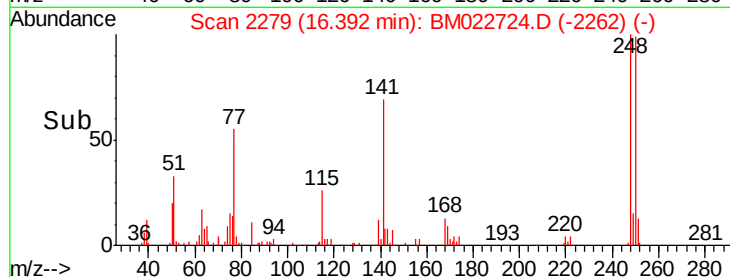
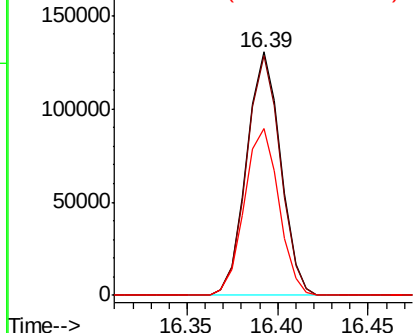


Abundance

Ion 248.00 (247.70 to 248.70): E

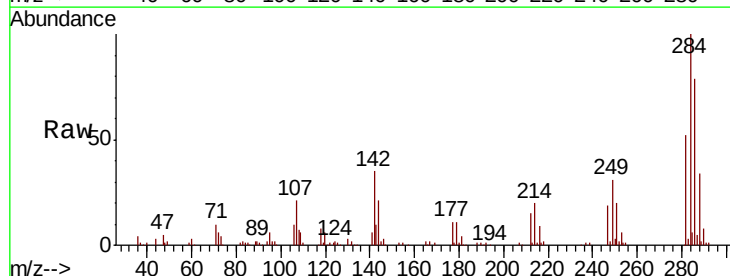
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 15.505 ng
 RT: 16.51 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	27.8	41.8
249	30.6	24.4	36.6

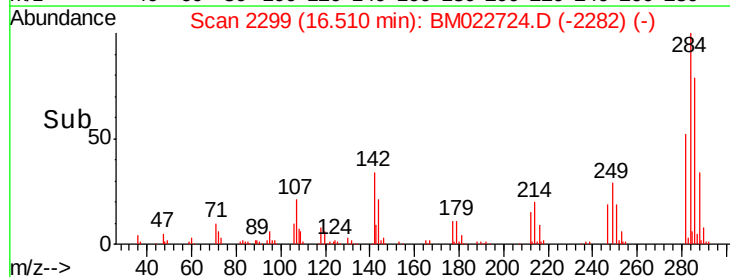
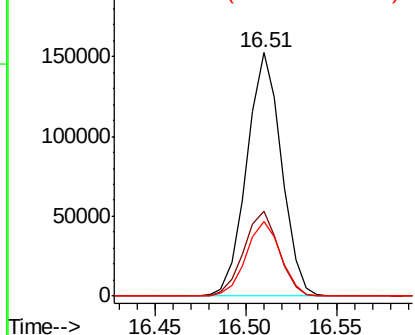


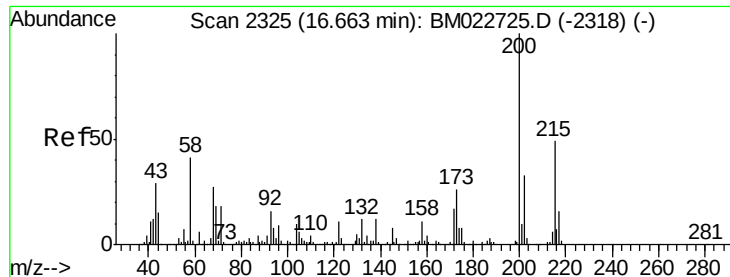
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 18.094 ng

RT: 16.66 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

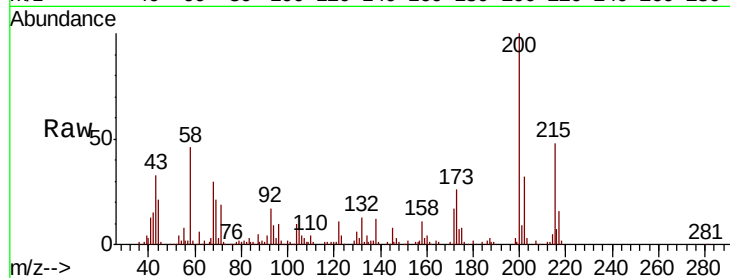
Tot Ion:200 Resp: 149186

Ion Ratio Lower Upper

200 100

173 25.9 5.8 45.8

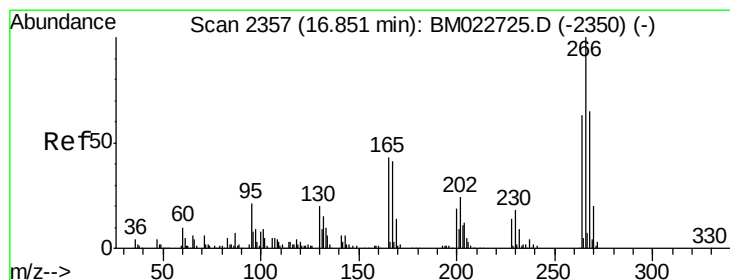
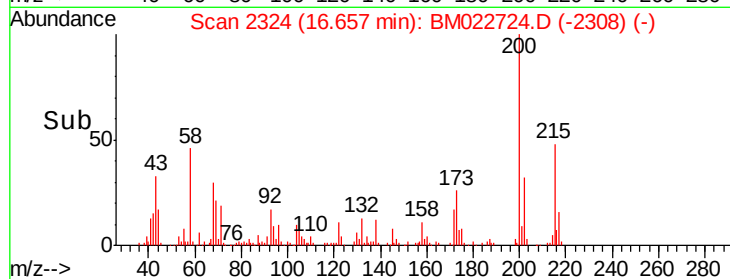
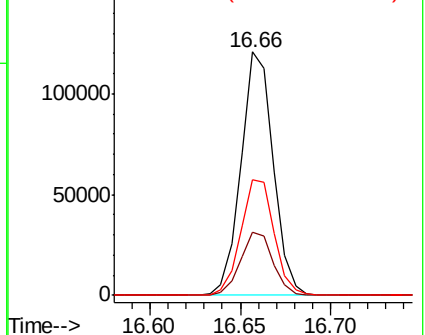
215 47.7 29.2 69.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 15.495 ng

RT: 16.84 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

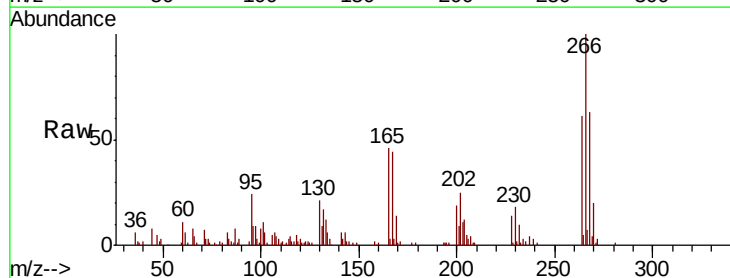
Tgt Ion:266 Resp: 98553

Ion Ratio Lower Upper

266 100

268 62.7 51.8 77.6

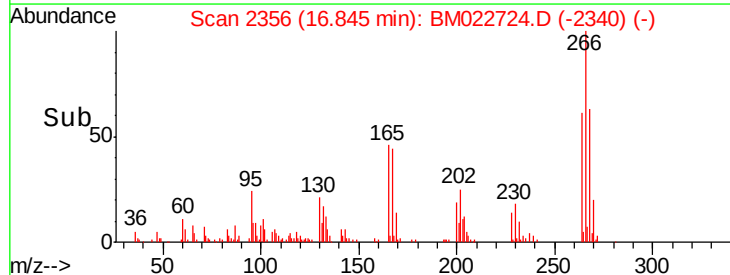
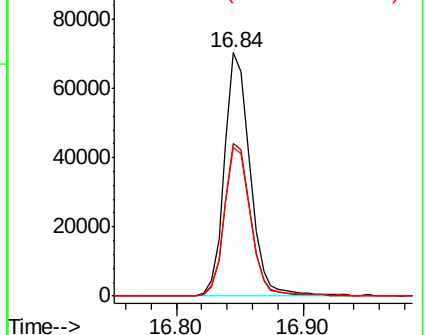
264 61.1 50.2 75.4

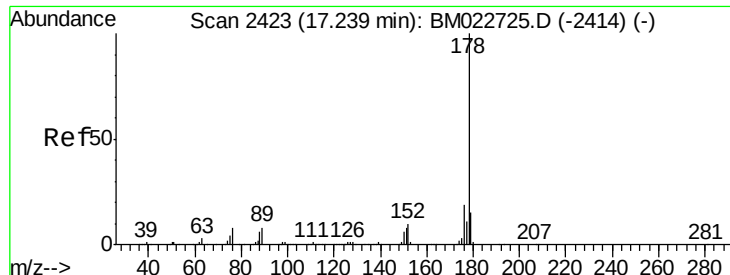


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

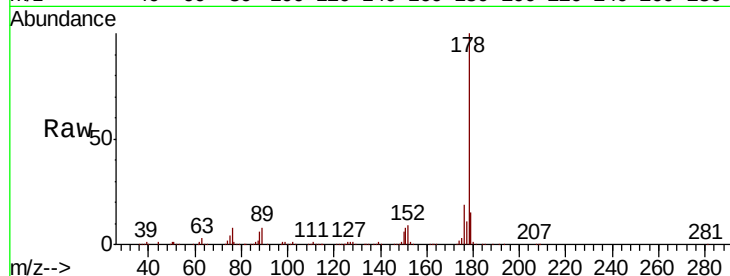




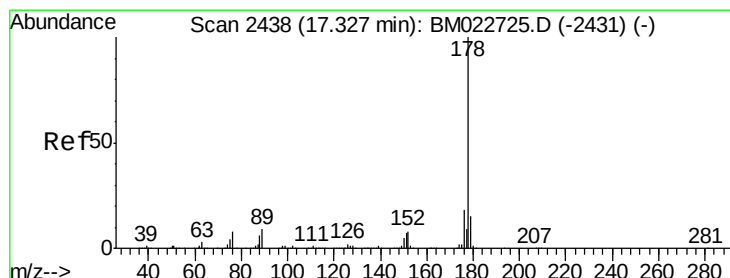
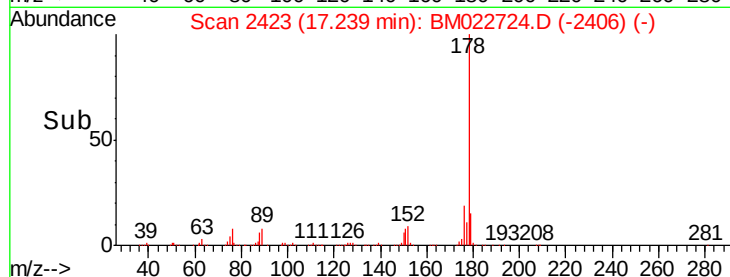
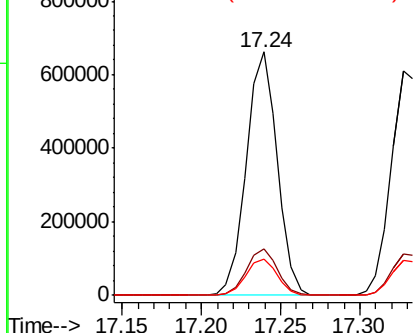
#71
Phenanthrene
Concen: 19.900 ng
RT: 17.24 min Scan# 2423
Delta R.T. 0.00 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 896124
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.1 12.3 18.5

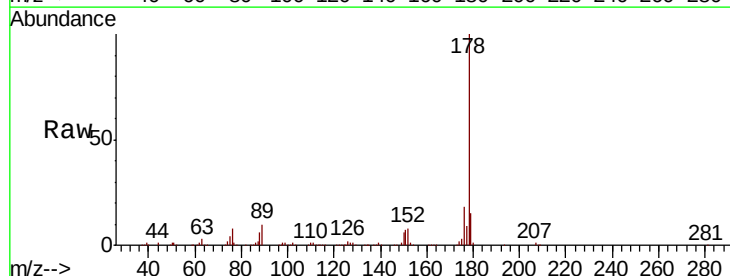


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

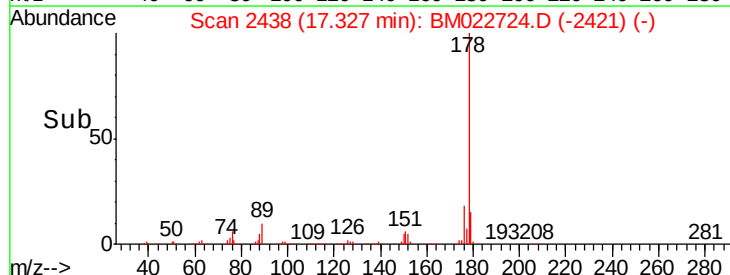
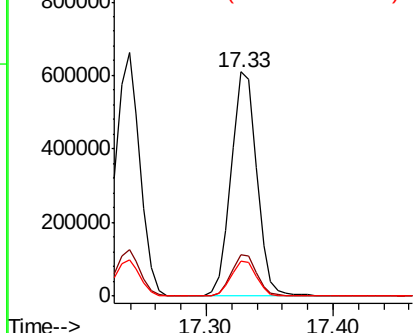


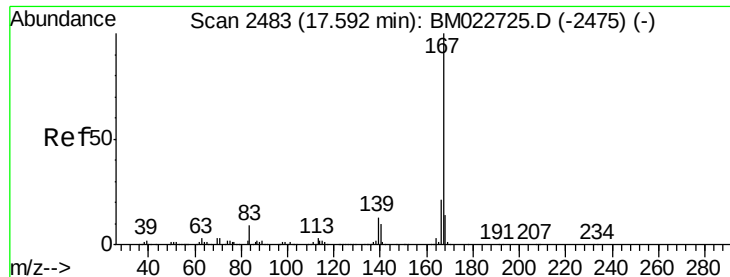
#72
Anthracene
Concen: 19.072 ng
RT: 17.33 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

Tgt Ion:178 Resp: 852552
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.5 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

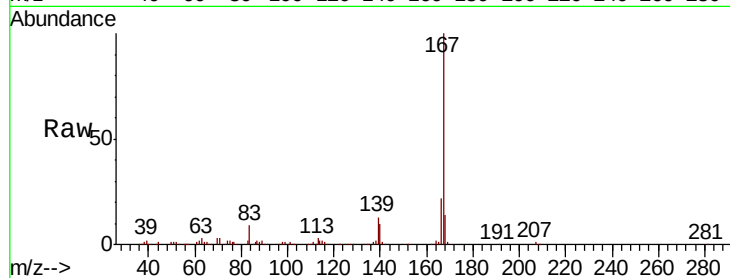




#73
 Carbazole
 Concen: 21.334 ng
 RT: 17.59 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.4
139	12.6	10.1	15.1

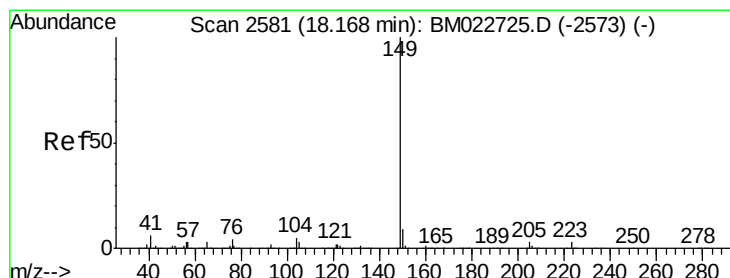
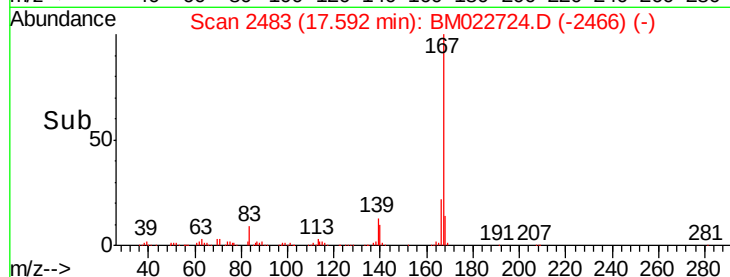
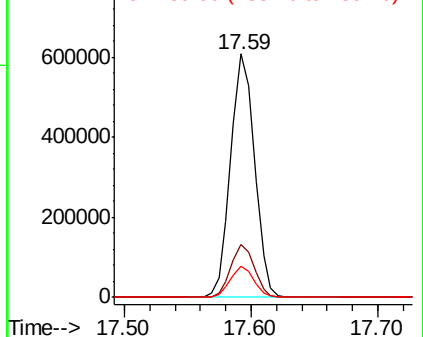


Abundance

Ion 167.00 (166.70 to 167.70): E

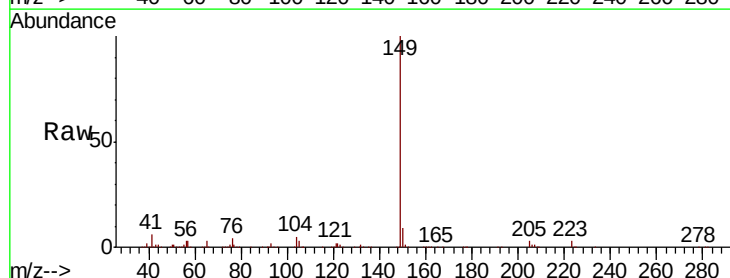
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 15.386 ng
 RT: 18.17 min Scan# 2581
 Delta R.T. 0.00 min
 Lab File: BM022724.D
 Acq: 20 Sep 2019 12:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.9	3.8	5.6

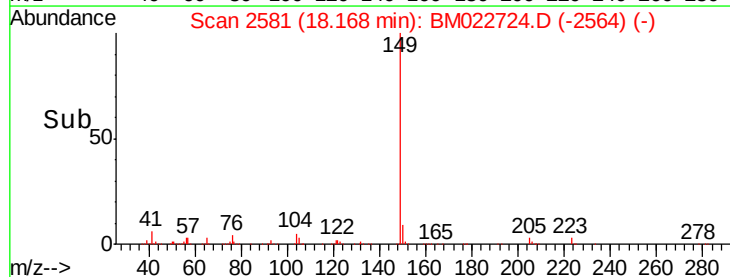
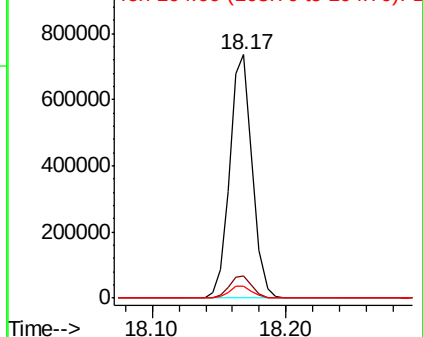


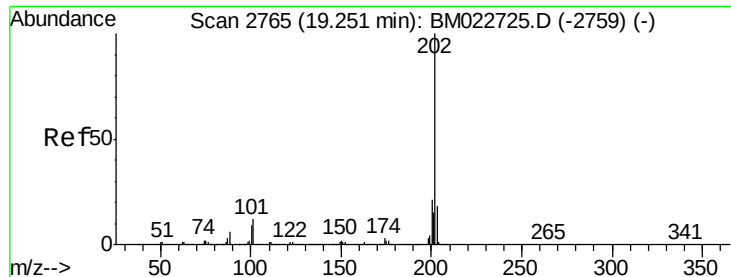
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 18.266 ng

RT: 19.25 min Scan# 2765

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

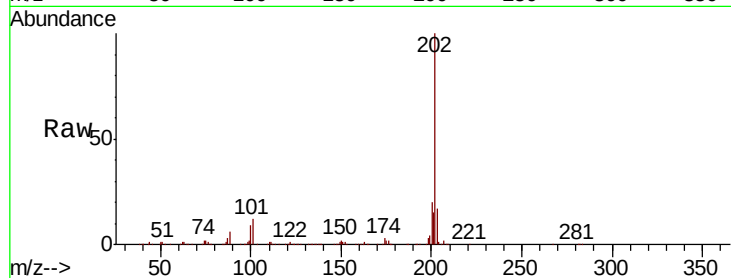
Tot Ion:202 Resp: 991887

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.1

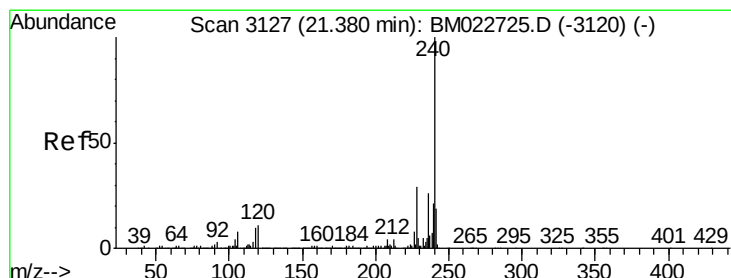
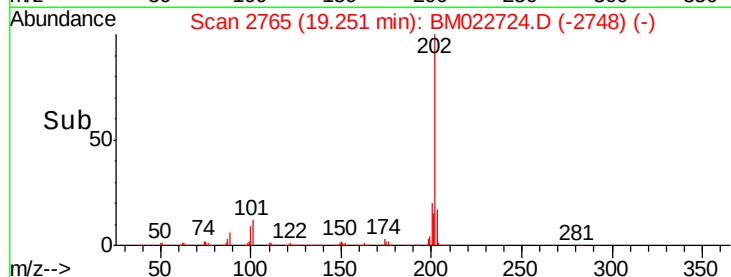
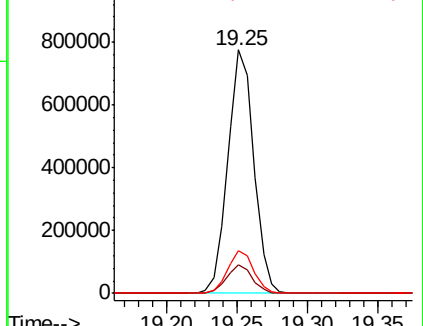
203 17.3 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.38 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

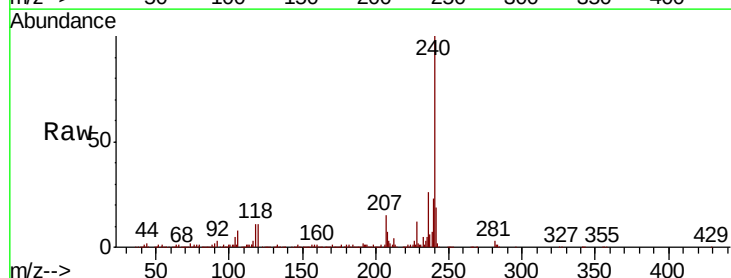
Tgt Ion:240 Resp: 776682

Ion Ratio Lower Upper

240 100

120 10.9 8.8 13.2

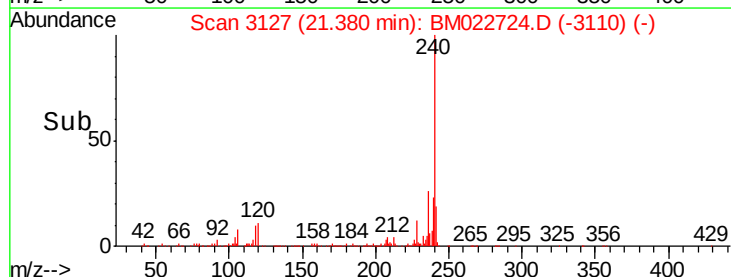
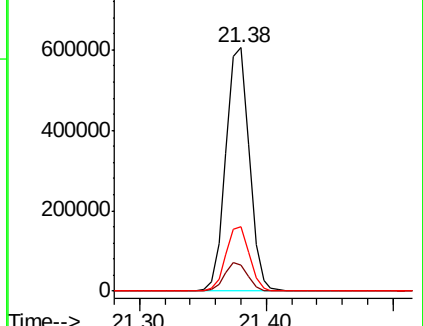
236 26.4 20.8 31.2

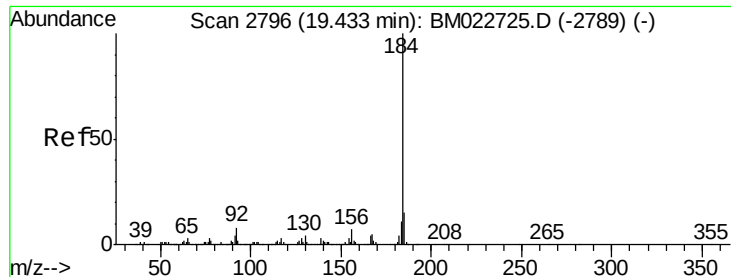


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.739 ng

RT: 19.43 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

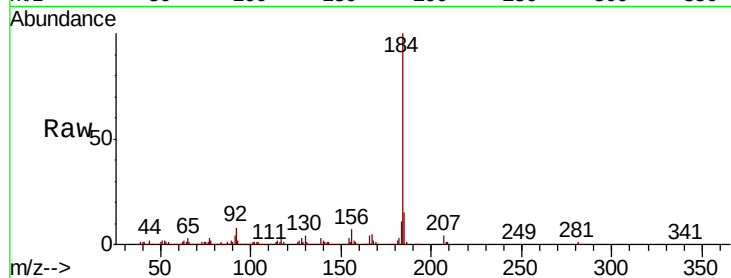
Tot Ion:184 Resp: 430965

Ion Ratio Lower Upper

184 100

185 14.7 11.6 17.4

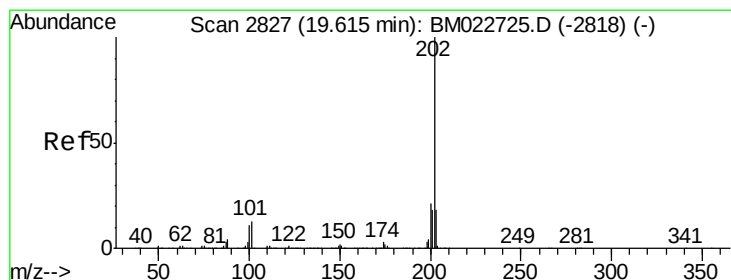
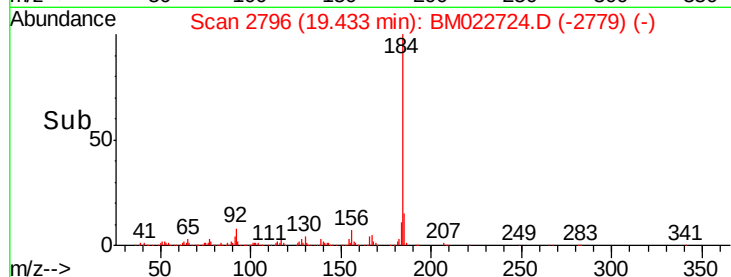
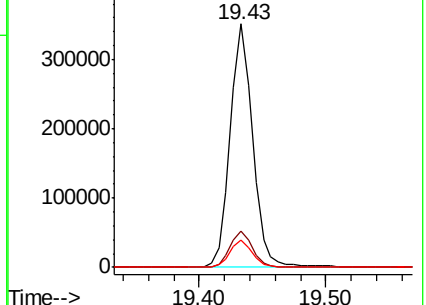
183 11.4 9.1 13.7



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: 18.917 ng

RT: 19.62 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

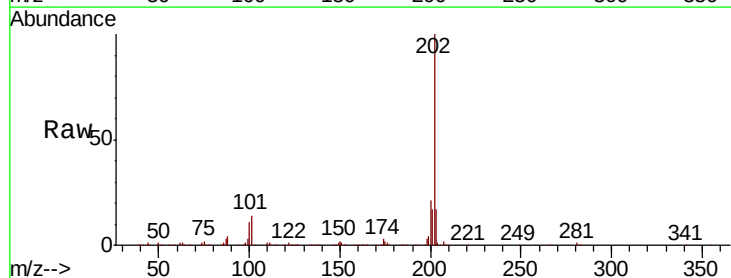
Tgt Ion:202 Resp: 1034160

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

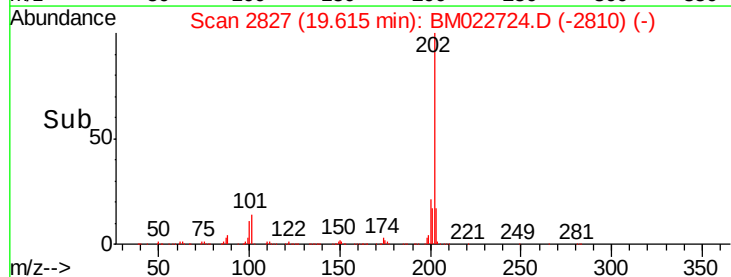
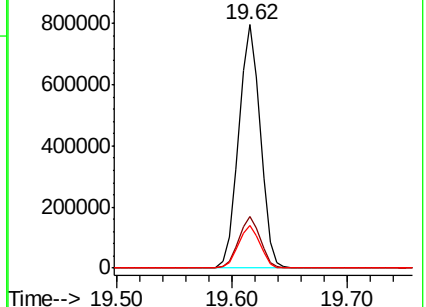
203 17.4 14.1 21.1

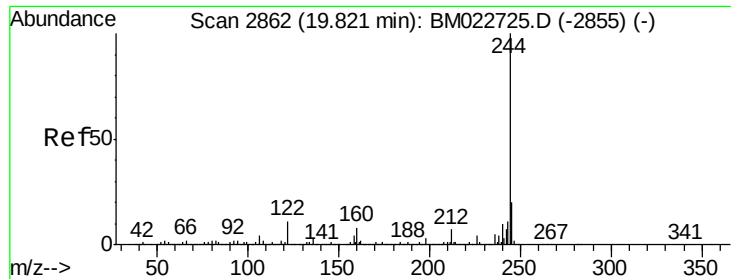


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 32.407 ng

RT: 19.82 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

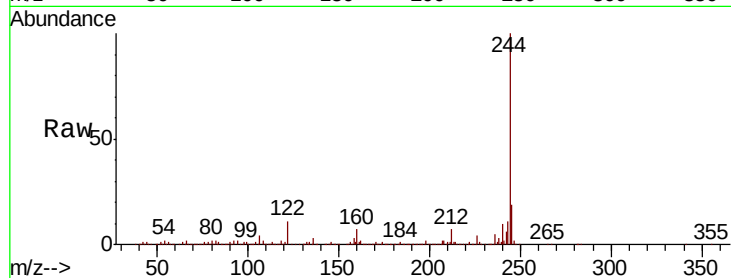
Tot Ion:244 Resp: 1727426

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

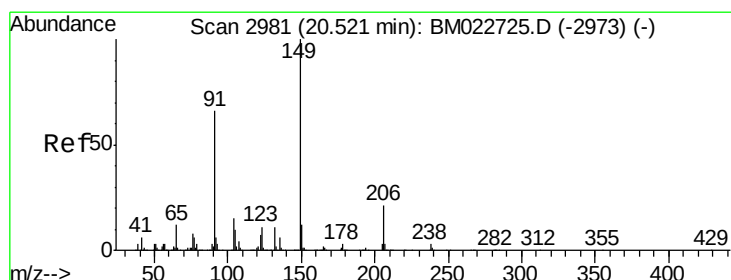
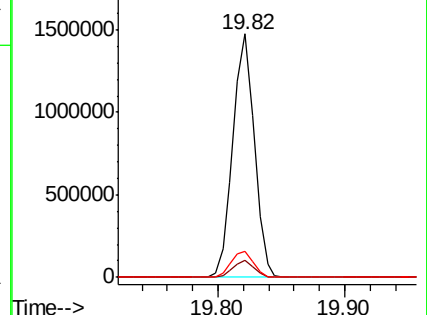
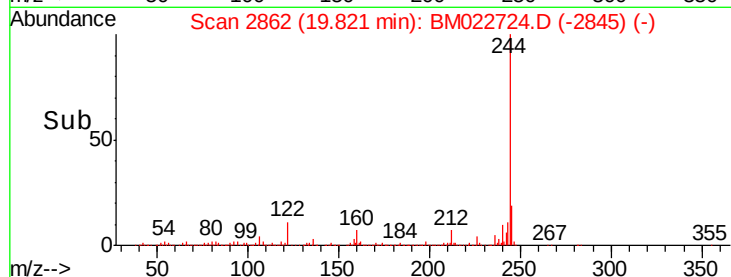
122 10.7 9.0 13.4



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: 14.674 ng

RT: 20.52 min Scan# 2980

Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

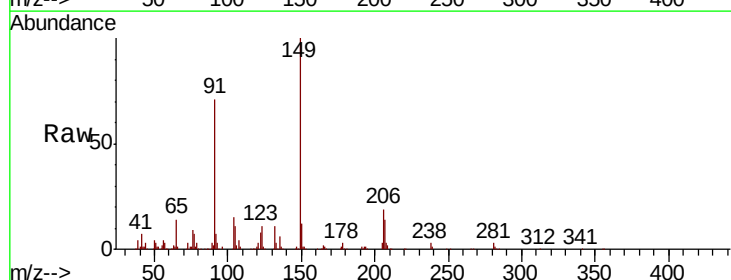
Tgt Ion:149 Resp: 358799

Ion Ratio Lower Upper

149 100

91 71.1 53.0 79.4

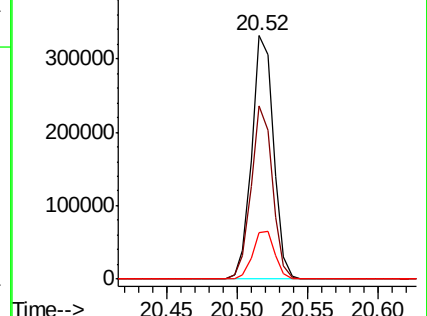
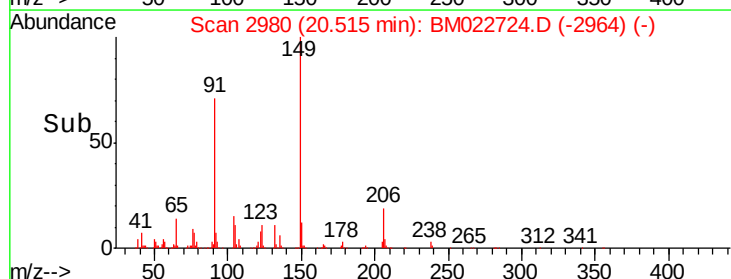
206 19.2 16.9 25.3

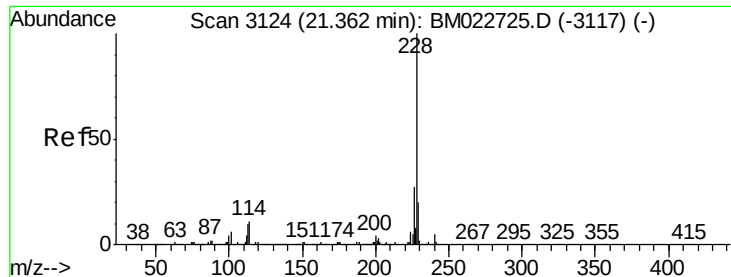


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 18.814 ng

RT: 21.36 min Scan# 3124

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampled :

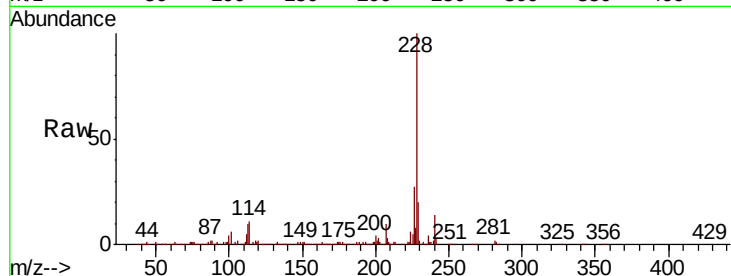
Tot Ion:228 Resp: 1027613

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

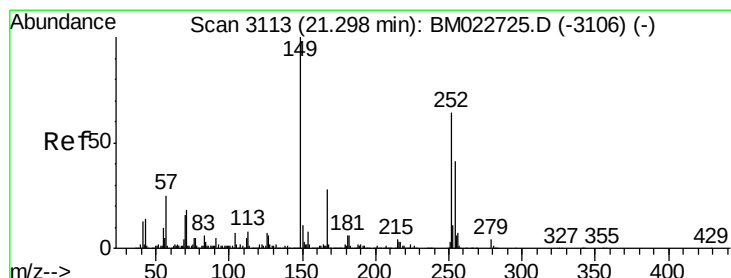
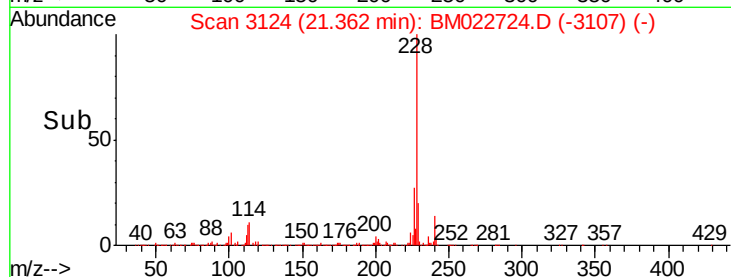
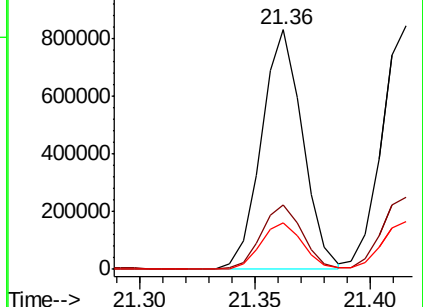
229 19.7 15.9 23.9



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: 18.305 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

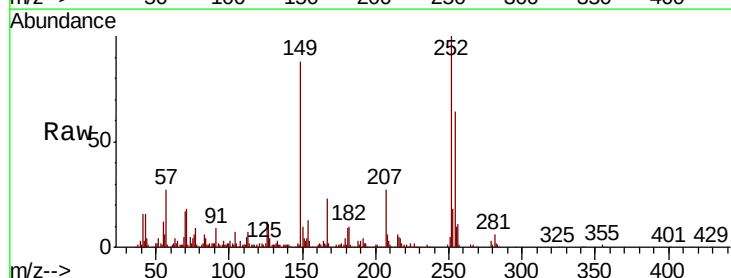
Tgt Ion:252 Resp: 348600

Ion Ratio Lower Upper

252 100

254 64.2 51.7 77.5

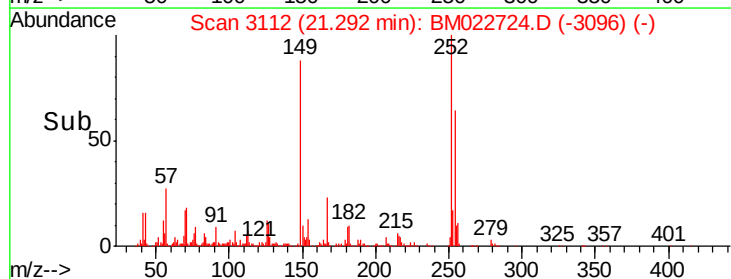
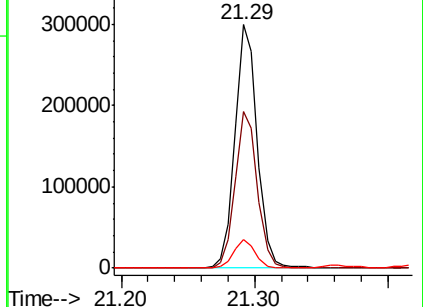
126 11.7 8.3 12.5

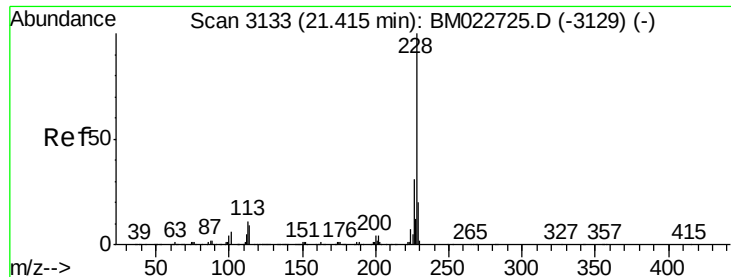


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 19.015 ng

RT: 21.42 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

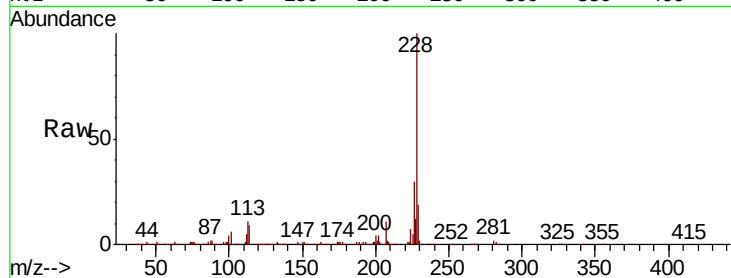
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1002641

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.5	36.7
229	19.4	15.9	23.9

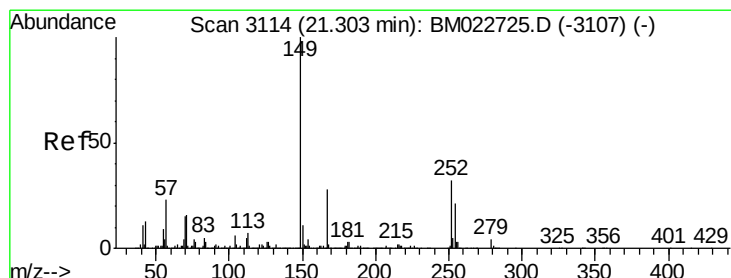
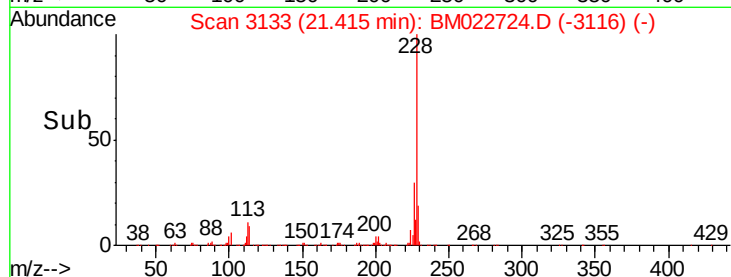
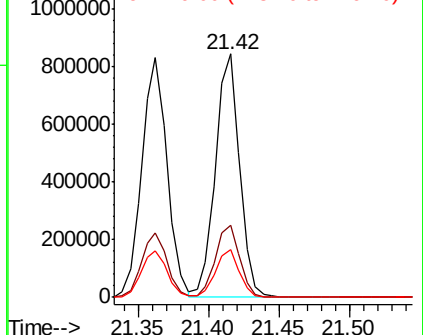


Abundance

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: 14.954 ng

RT: 21.30 min Scan# 3113

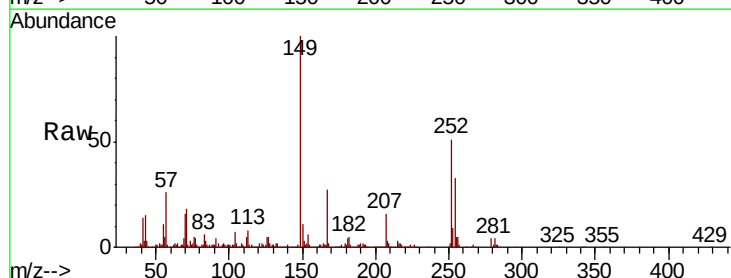
Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Tgt Ion:149 Resp: 549905

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.1	33.1
279	3.7	3.4	5.0

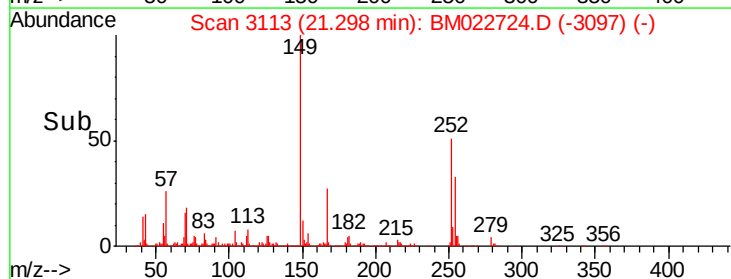
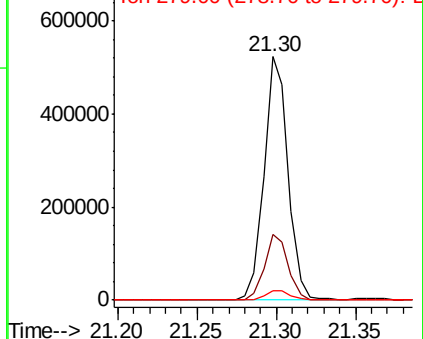


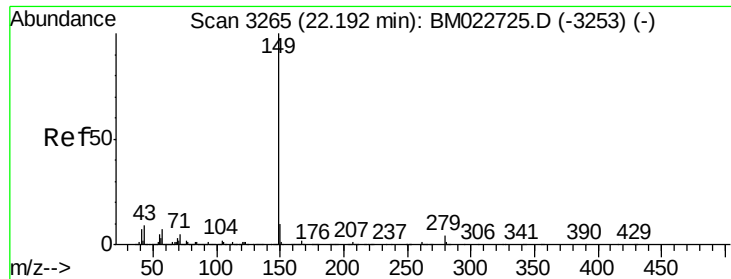
Abundance

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: 14.060 ng

RT: 22.19 min Scan# 3264

Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

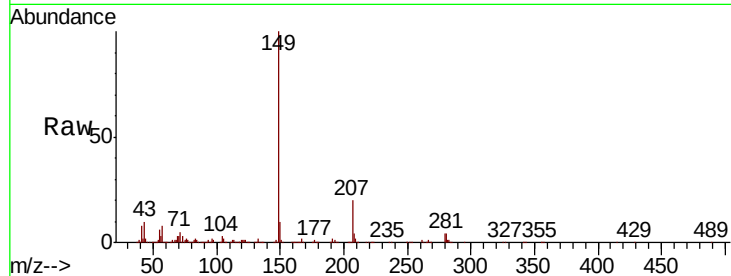
Tot Ion:149 Resp: 836850

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

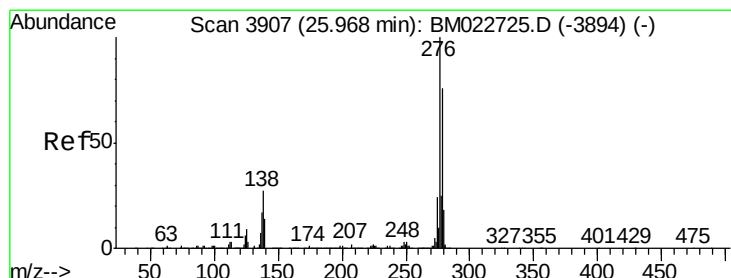
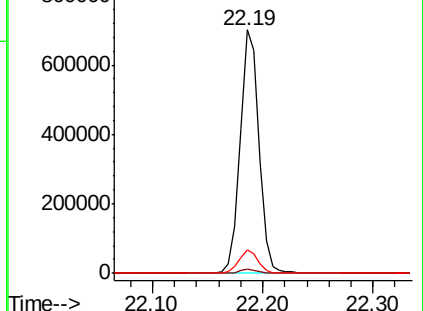
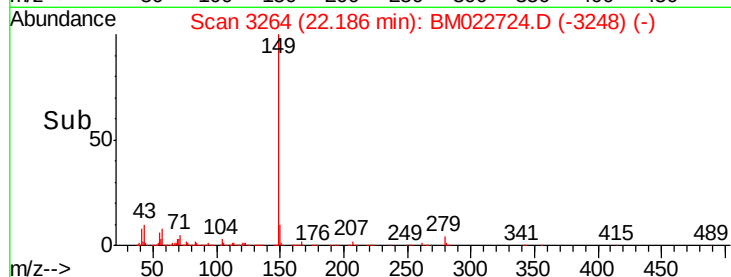
43 9.7 7.4 11.0



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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 19.212 ng

RT: 25.96 min Scan# 3906

Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

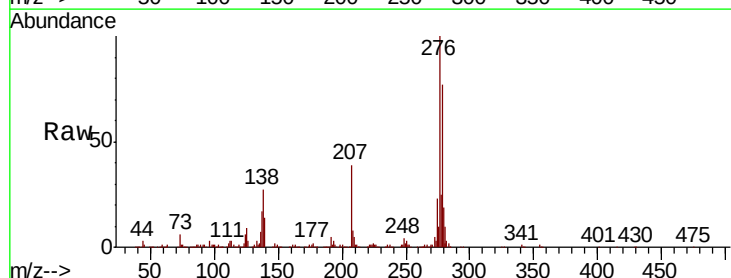
Tgt Ion:276 Resp: 1134685

Ion Ratio Lower Upper

276 100

138 26.6 0.0 0.0#

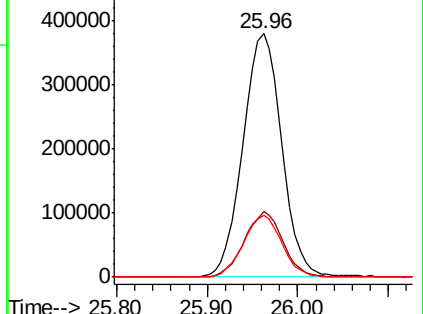
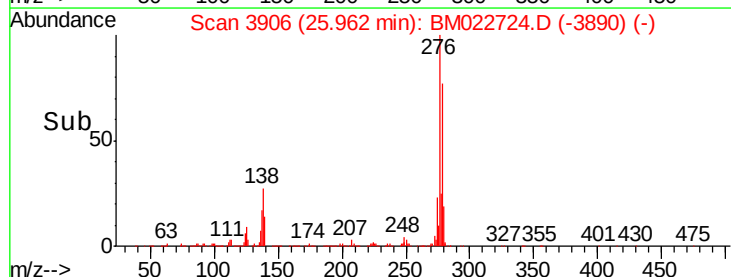
277 25.2 0.0 0.0#

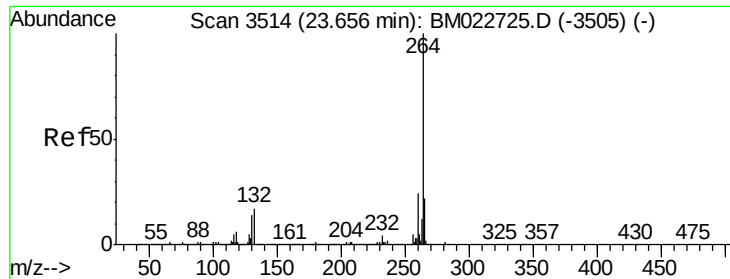


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampled :

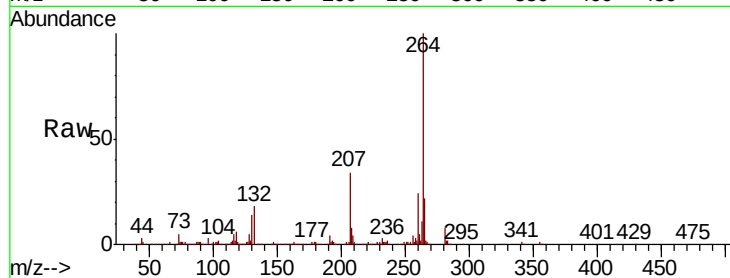
Tot Ion:264 Resp: 822453

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 22.0 17.9 26.9

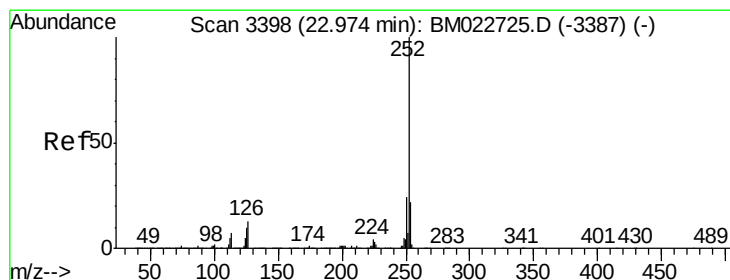
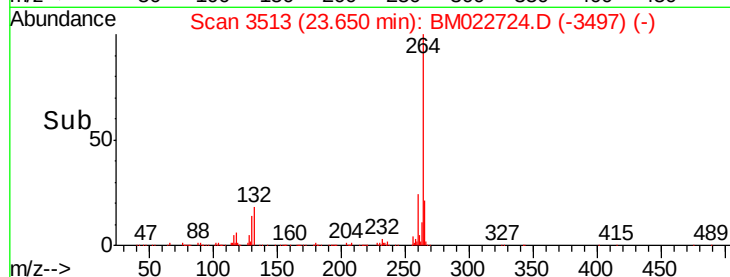
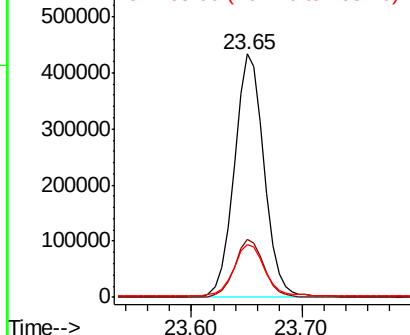


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 18.693 ng

RT: 22.97 min Scan# 3397

Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

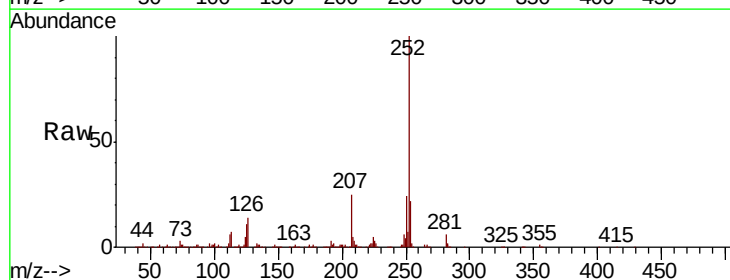
Tgt Ion:252 Resp: 1026548

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.7 8.2 12.4

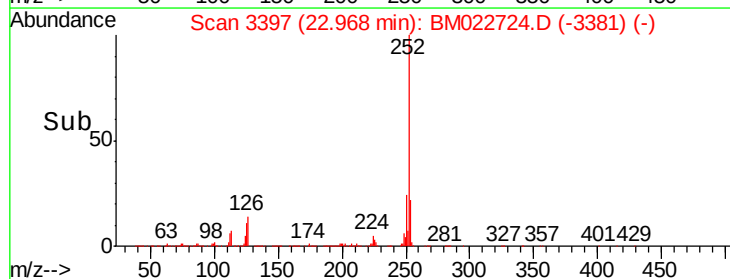
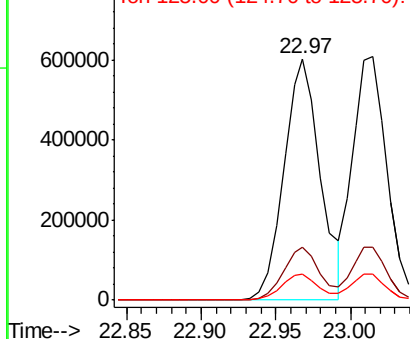


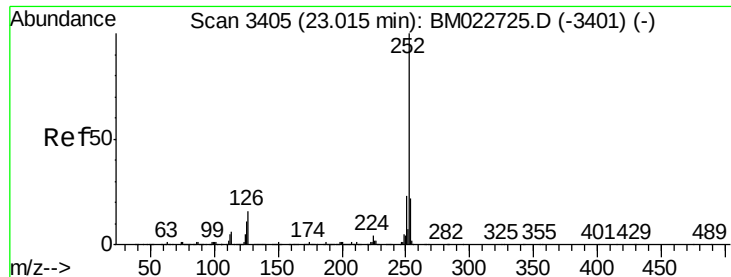
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

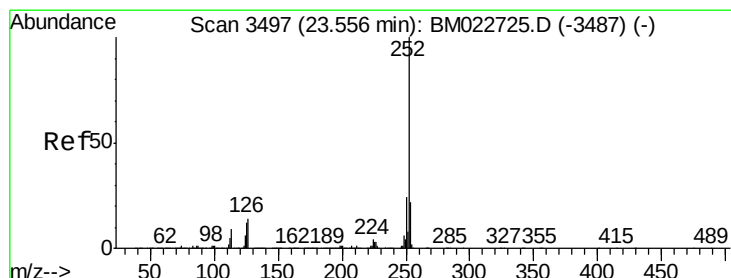
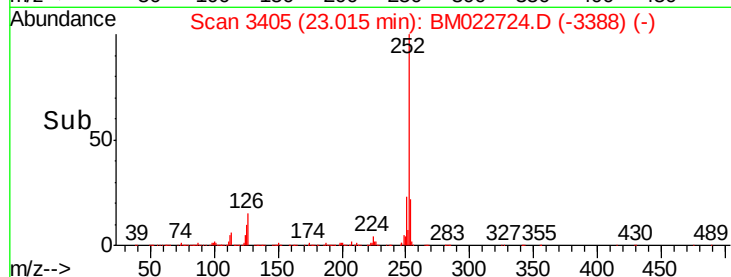
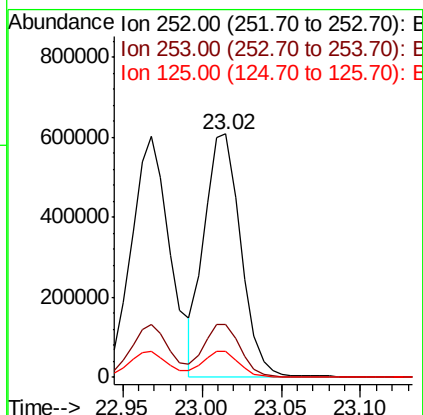
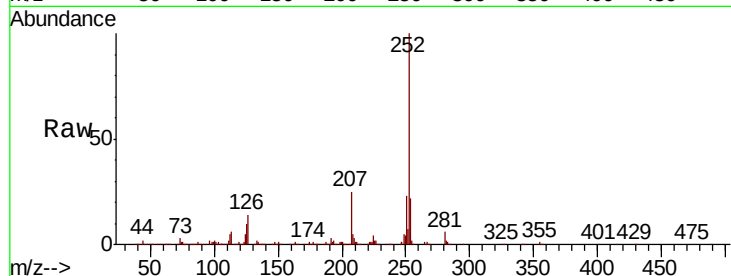




#89
Benzo(k)fluoranthene
Concen: 18.076 ng
RT: 23.02 min Scan# 3405
Delta R.T. 0.00 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

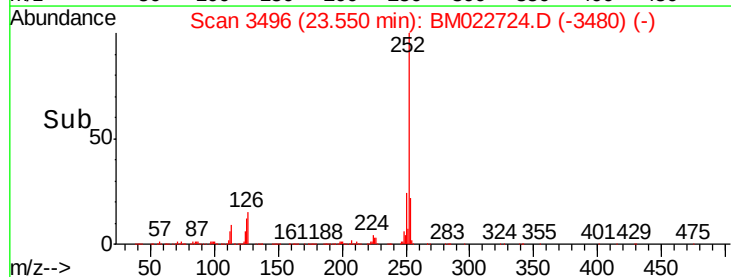
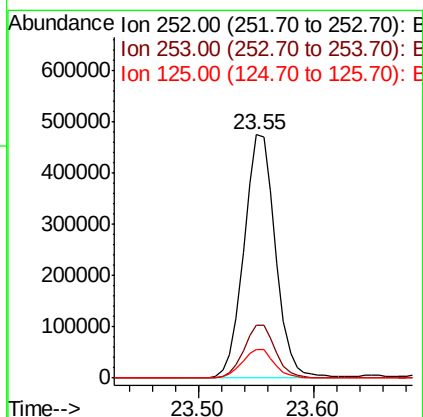
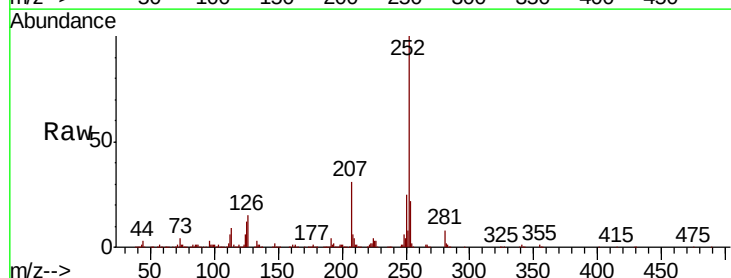
Instrument :
BNA_M
ClientSampleId :

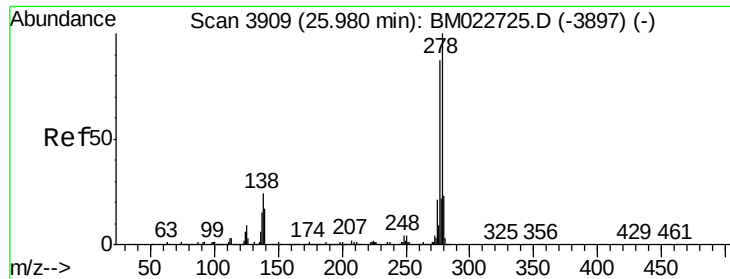
Tot Ion:252 Resp: 970369
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.5 8.5 12.7



#90
Benzo(a)pyrene
Concen: 18.010 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM022724.D
Acq: 20 Sep 2019 12:43

Tgt Ion:252 Resp: 900734
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 11.7 9.3 13.9





#91

Dibenzo(a,h)anthracene

Concen: 17.896 ng

RT: 25.97 min Scan# 3908

Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

Instrument :

BNA_M

ClientSampleId :

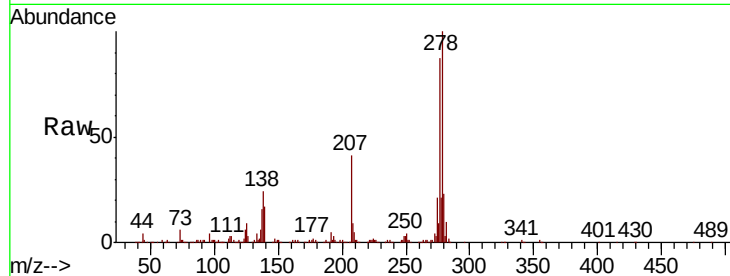
Tot Ion:278 Resp: 951012

Ion Ratio Lower Upper

278 100

139 17.1 13.7 20.5

279 23.2 18.6 28.0

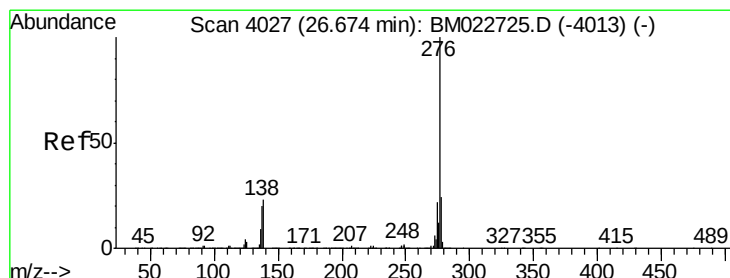
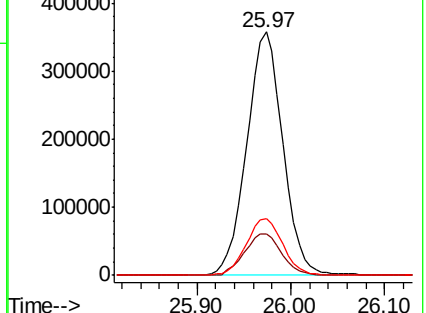
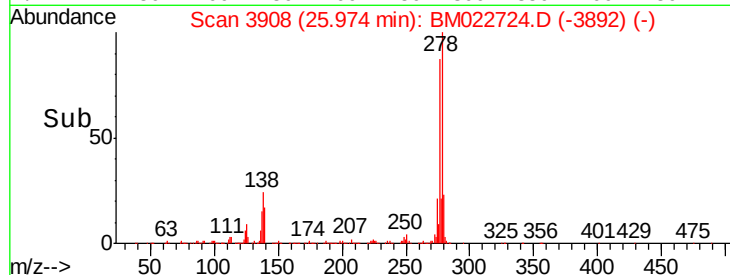


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 19.277 ng

RT: 26.67 min Scan# 4026

Delta R.T. -0.01 min

Lab File: BM022724.D

Acq: 20 Sep 2019 12:43

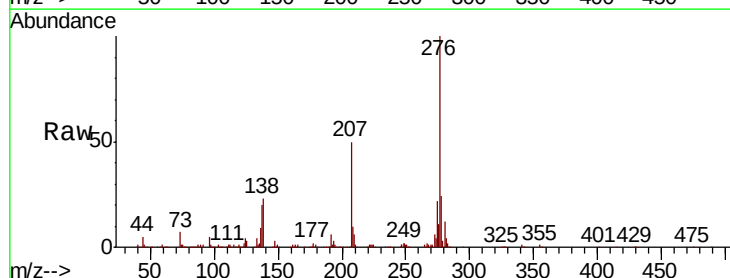
Tgt Ion:276 Resp: 895622

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 22.6 18.5 27.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

