

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
 Data File : BM022730.D
 Acq On : 20 Sep 2019 16:38
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM092019

Quant Time: Sep 20 17:59:41 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 16:34:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	198730	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	786540	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	462848	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	933216	20.00	ng	0.00
76) Chrysene-d12	21.38	240	966138	20.00	ng	0.00
87) Perylene-d12	23.65	264	1068646	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	981363	78.32	ng	0.00
7) Phenol-d6	6.99	99	1254304	77.94	ng	0.00
23) Nitrobenzene-d5	8.98	82	1102349	77.80	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	478092	82.74	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	2618594	77.91	ng	0.00
79) Terphenyl-d14	19.82	244	3918204	78.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	194089	38.494	ng	# 100
3) Pyridine	3.72	79	533938	40.176	ng	100
4) n-Nitrosodimethylamine	3.63	42	186844	38.619	ng	99
6) Aniline	7.15	93	749842	38.856	ng	100
8) 2-Chlorophenol	7.39	128	495269	38.793	ng	100
9) Benzaldehyde	6.97	77	409237	44.657	ng	99
10) Phenol	7.02	94	584631	38.585	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	459293	38.582	ng	99
12) 1,3-Dichlorobenzene	7.72	146	593666	38.906	ng	100
13) 1,4-Dichlorobenzene	7.86	146	598960	38.774	ng	99
14) 1,2-Dichlorobenzene	8.18	146	568228	38.583	ng	100
15) Benzyl Alcohol	8.06	79	396933	39.415	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.36	45	647664	37.453	ng	100
17) 2-Methylphenol	8.26	107	392284	39.115	ng	99
18) Hexachloroethane	8.91	117	217435	38.377	ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	350356	38.984	ng	100
20) 3+4-Methylphenols	8.59	107	525756	39.359	ng	99
22) Acetophenone	8.65	105	817281	42.095	ng	99
24) Nitrobenzene	9.02	77	524015	38.653	ng	100
25) Isophorone	9.55	82	930976	39.960	ng	99
26) 2-Nitrophenol	9.73	139	239878	40.987	ng	99
27) 2,4-Dimethylphenol	9.79	122	388542	39.656	ng	100
28) bis(2-Chloroethoxy)methane	10.03	93	631489	39.170	ng	99
29) 2,4-Dichlorophenol	10.26	162	447003	40.353	ng	100
30) 1,2,4-Trichlorobenzene	10.49	180	534687	39.232	ng	99
31) Naphthalene	10.67	128	1509810	38.849	ng	100
32) Benzoic acid	9.93	122	319876	47.567	ng	96
33) 4-Chloroaniline	10.78	127	667593	39.564	ng	100
34) Hexachlorobutadiene	10.96	225	322589	39.707	ng	100
35) Caprolactam	11.56	113	139061	42.345	ng	96
36) 4-Chloro-3-methylphenol	11.90	107	437379	40.470	ng	99
37) 2-Methylnaphthalene	12.28	142	1066616	39.429	ng	99
38) 1-Methylnaphthalene	12.50	142	1006303	39.189	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	706834	45.070	ng	100

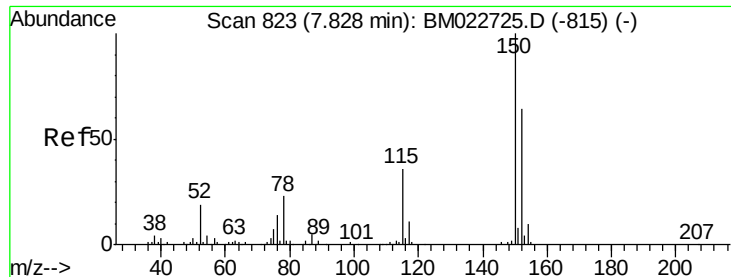
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
 Data File : BM022730.D
 Acq On : 20 Sep 2019 16:38
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM092019

Quant Time: Sep 20 17:59:41 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 16:34:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	338483	39.557	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	365000	40.324	ng	99
44) 2,4,5-Trichlorophenol	12.96	196	374434	39.696	ng	99
46) 1,1'-Biphenyl	13.30	154	1639641	42.803	ng	99
47) 2-Chloronaphthalene	13.33	162	1094672	38.340	ng	99
48) 2-Nitroaniline	13.53	65	297461	40.010	ng	99
49) Acenaphthylene	14.18	152	1657601	39.205	ng	100
50) Dimethylphthalate	13.92	163	1318872	39.429	ng	100
51) 2,6-Dinitrotoluene	14.03	165	281260	40.199	ng	100
52) Acenaphthene	14.53	154	1085618	39.247	ng	99
53) 3-Nitroaniline	14.36	138	327776	40.694	ng	100
54) 2,4-Dinitrophenol	14.56	184	136238	39.766	ng	97
55) Dibenzofuran	14.86	168	1585127	39.253	ng	100
56) 4-Nitrophenol	14.66	139	255055	41.198	ng	99
57) 2,4-Dinitrotoluene	14.82	165	378753	41.322	ng	98
58) Fluorene	15.50	166	1286504	39.204	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	341216	41.478	ng	97
60) Diethylphthalate	15.29	149	1297263	39.887	ng	98
61) 4-Chlorophenyl-phenylether	15.50	204	668831	39.667	ng	99
62) 4-Nitroaniline	15.52	138	342761	40.589	ng	99
63) Azobenzene	15.79	77	1148587	39.106	ng	99
65) 4,6-Dinitro-2-methylphenol	15.58	198	177952	39.331	ng	93
66) n-Nitrosodiphenylamine	15.72	169	1104583	38.744	ng	99
67) 4-Bromophenyl-phenylether	16.39	248	412935	39.783	ng	98
68) Hexachlorobenzene	16.51	284	476233	39.343	ng	99
69) Atrazine	16.66	200	372678	40.211	ng	99
70) Pentachlorophenol	16.85	266	263627	40.838	ng	100
71) Phenanthrene	17.24	178	2034722	38.641	ng	100
72) Anthracene	17.33	178	1993554	39.064	ng	99
73) Carbazole	17.60	167	1860093	39.169	ng	99
74) Di-n-butylphthalate	18.17	149	2160988	40.131	ng	100
75) Fluoranthene	19.26	202	2372935	39.935	ng	98
77) Benzidine	19.43	184	1101368	41.554	ng	100
78) Pyrene	19.62	202	2463416	38.907	ng	100
80) Butylbenzylphthalate	20.52	149	963044	40.021	ng	97
81) Benzo(a)anthracene	21.36	228	2452136	39.161	ng	100
82) 3,3'-Dichlorobenzidine	21.29	252	905703	40.787	ng	99
83) Chrysene	21.42	228	2360981	38.892	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1437041	40.305	ng	100
85) Di-n-octyl phthalate	22.19	149	2331324	41.027	ng	99
86) Indeno(1,2,3-cd)pyrene	25.97	276	2910823	40.174	ng	# 100
88) Benzo(b)fluoranthene	22.97	252	2508425	38.768	ng	99
89) Benzo(k)fluoranthene	23.02	252	2435909	37.942	ng	99
90) Benzo(a)pyrene	23.56	252	2304900	38.659	ng	98
91) Dibenzo(a,h)anthracene	25.98	278	2401909	38.514	ng	99
92) Benzo(g,h,i)perylene	26.67	276	2302978	38.879	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.83 min Scan# 823

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

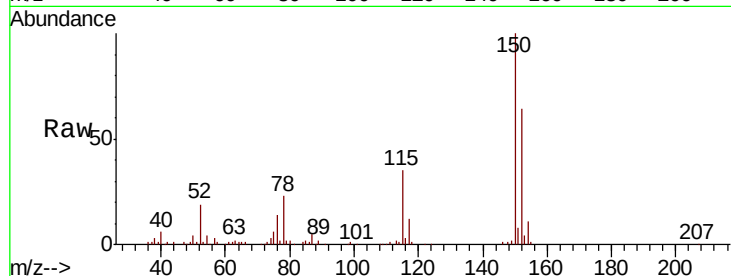
Tot Ion:152 Resp: 198730

Ion Ratio Lower Upper

152 100

150 156.6 124.5 186.7

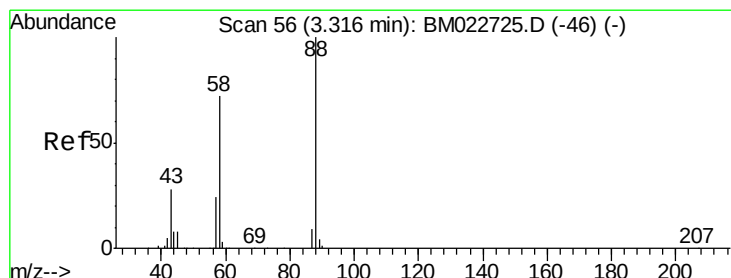
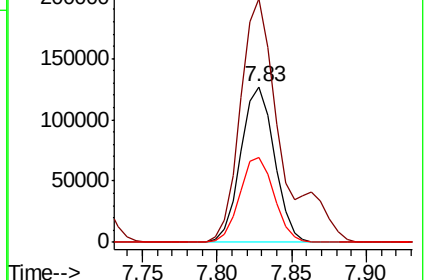
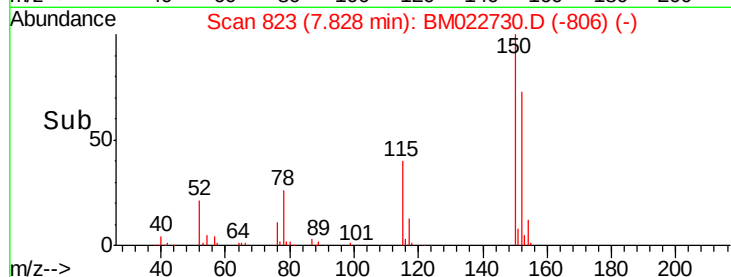
115 54.8 45.0 67.4



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: 38.494 ng

RT: 3.32 min Scan# 57

Delta R.T. 0.01 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

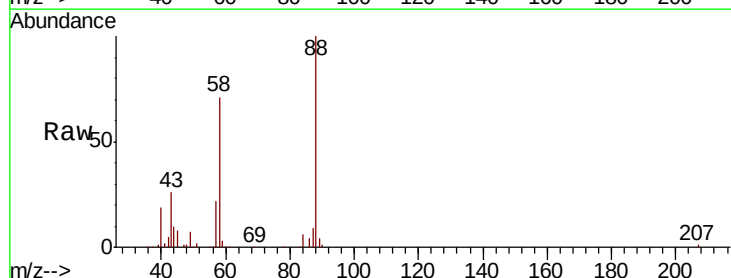
Tgt Ion: 88 Resp: 194089

Ion Ratio Lower Upper

88 100

58 71.0 0.0 0.0#

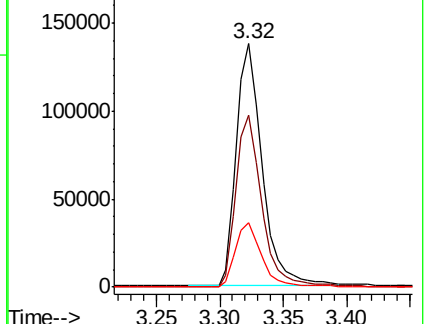
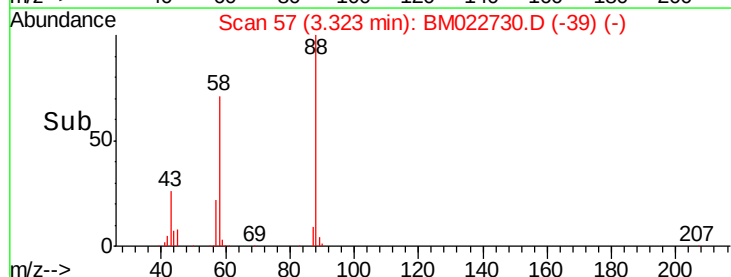
43 27.0 0.0 0.0#

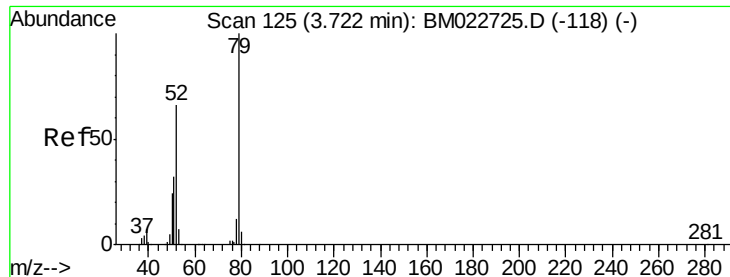


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

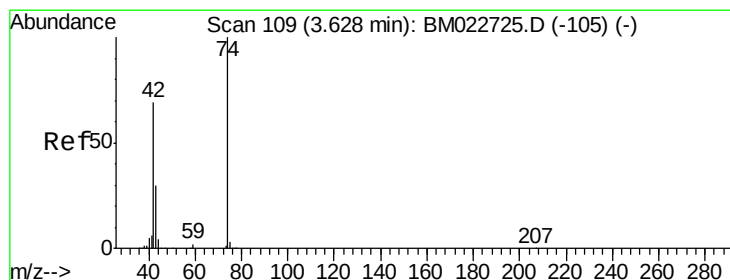
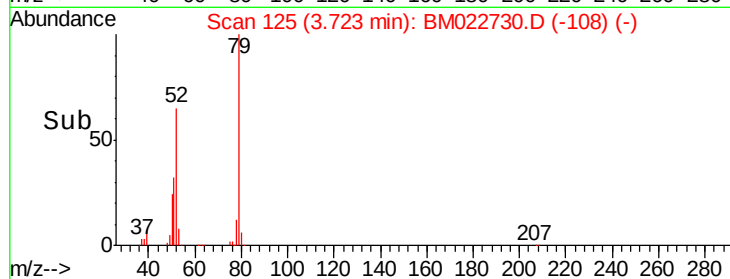
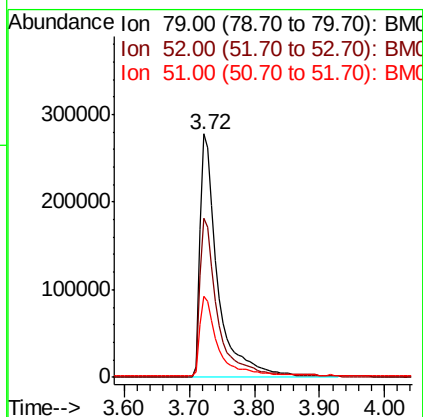
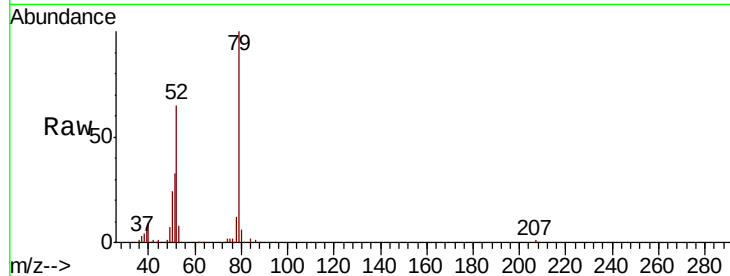




#3
 Pvridine
 Concen: 40.176 ng
 RT: 3.72 min Scan# 125
 Delta R.T. 0.00 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

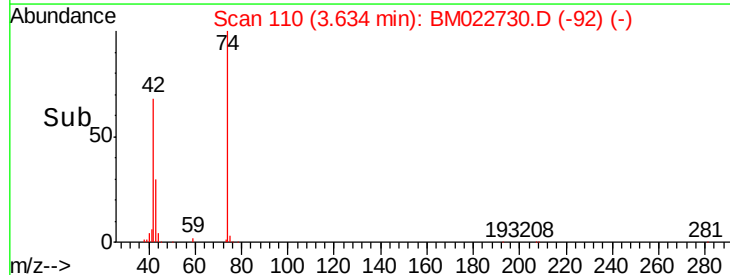
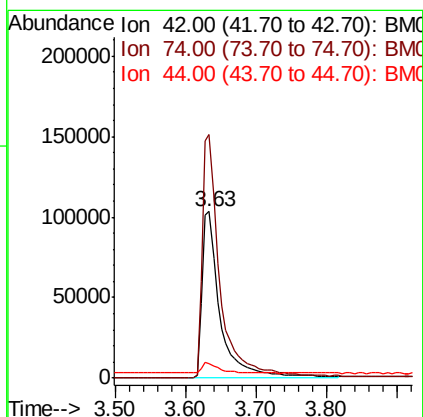
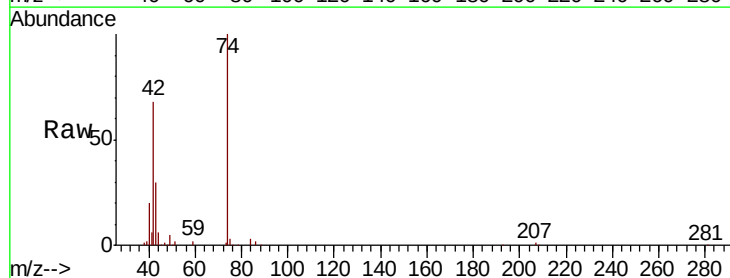
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM092019

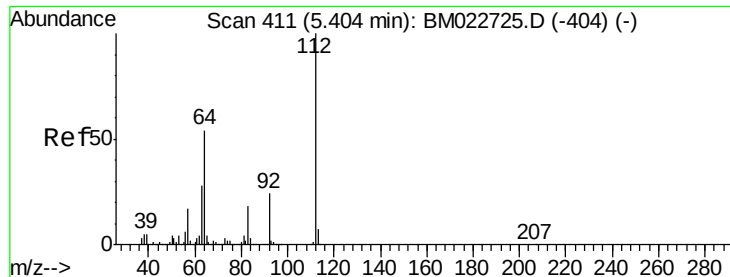
Tot Ion	Ratio	Lower	Upper
79	100		
52	65.3	52.4	78.6
51	33.2	26.2	39.4



#4
 n-Nitrosodimethylamine
 Concen: 38.619 ng
 RT: 3.63 min Scan# 110
 Delta R.T. 0.01 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.5	116.6	175.0
44	9.0	8.2	12.4





#5

2-Fluorophenol

Concen: 78.318 ng

RT: 5.40 min Scan# 411

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

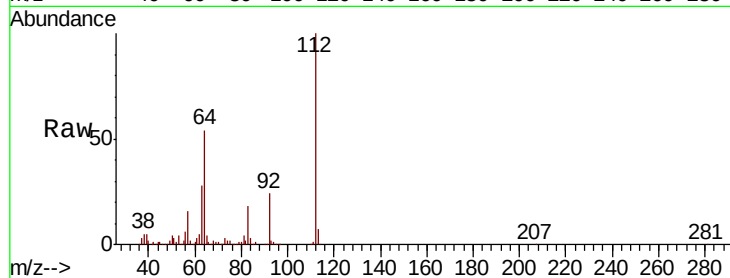
Tot Ion:112 Resp: 981363

Ion Ratio Lower Upper

112 100

64 54.2 43.4 65.2

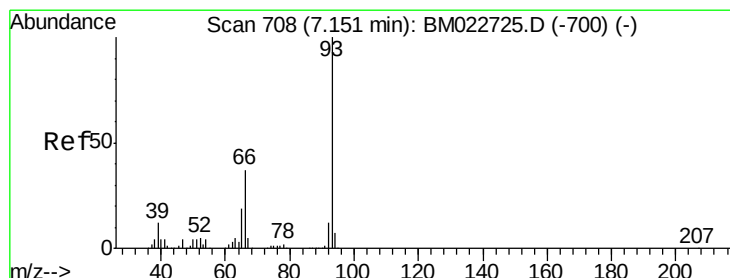
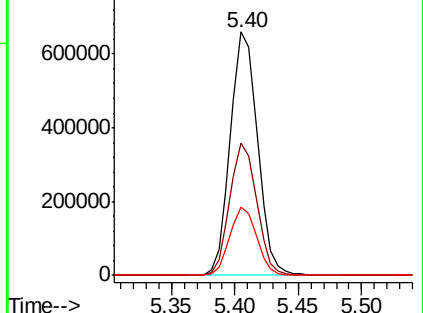
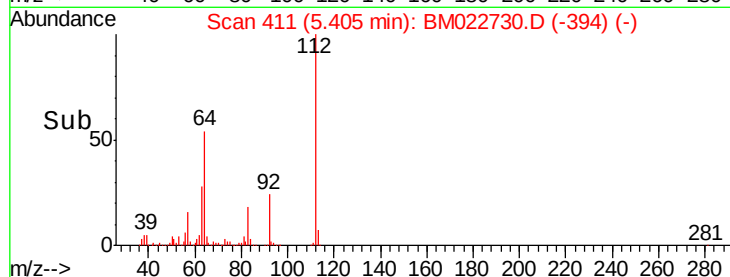
63 28.0 22.1 33.1



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: 38.856 ng

RT: 7.15 min Scan# 708

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

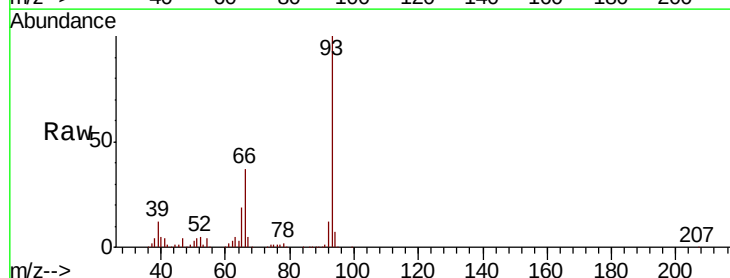
Tgt Ion: 93 Resp: 749842

Ion Ratio Lower Upper

93 100

66 36.7 29.3 43.9

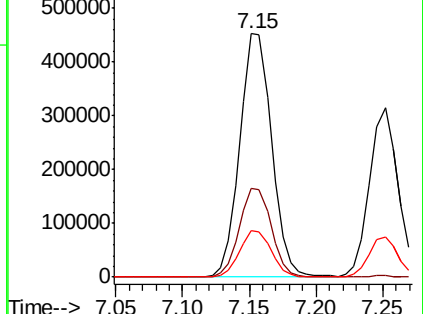
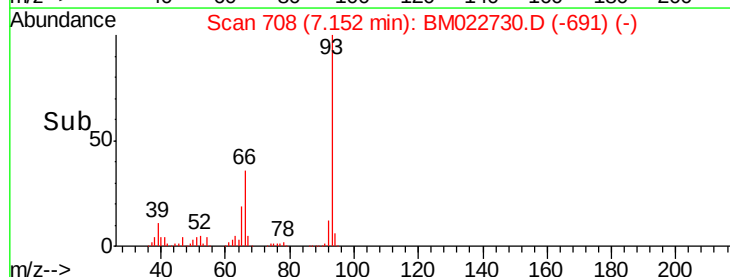
65 19.1 15.3 22.9

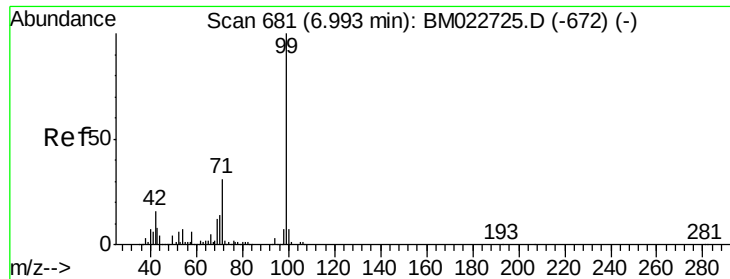


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 77.936 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

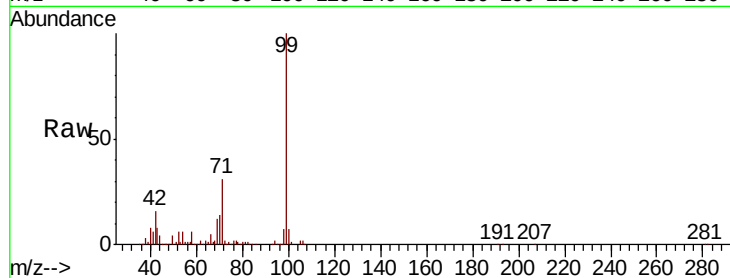
Tot Ion: 99 Resp: 1254304

Ion Ratio Lower Upper

99 100

42 16.4 13.0 19.4

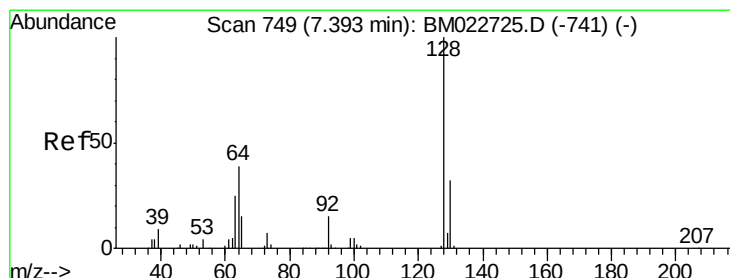
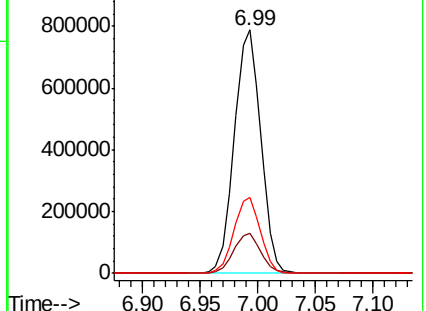
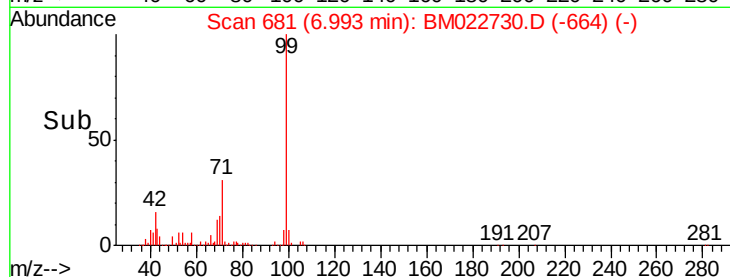
71 31.0 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BM022730.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM022730.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM022730.D (-672) (-)



#8

2-Chlorophenol

Concen: 38.793 ng

RT: 7.39 min Scan# 749

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

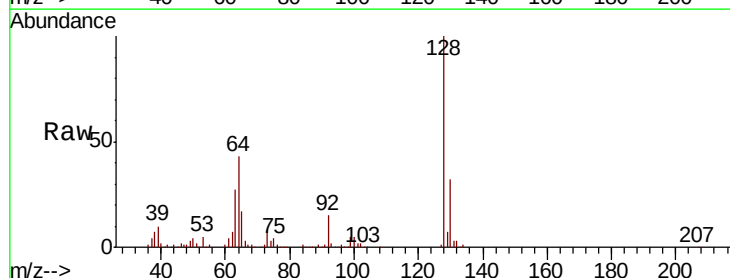
Tgt Ion: 128 Resp: 495269

Ion Ratio Lower Upper

128 100

130 32.2 12.1 52.1

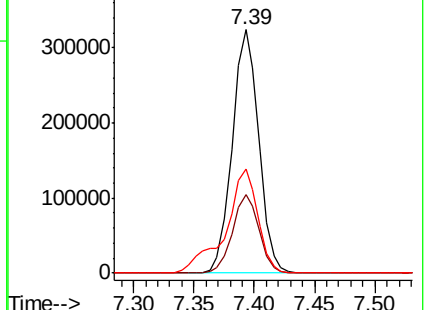
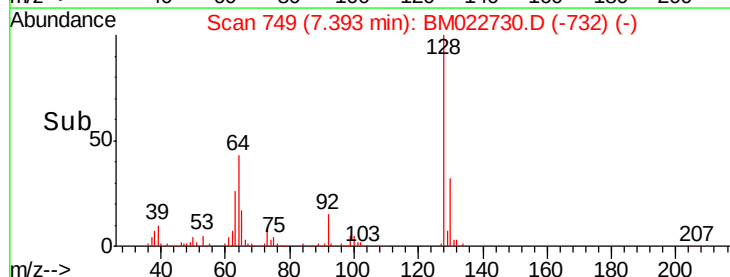
64 43.0 22.9 62.9

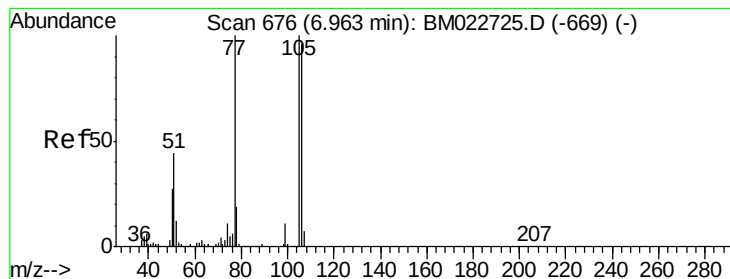


Abundance Ion 128.00 (127.70 to 128.70): BM022730.D (-732) (-)

Ion 130.00 (129.70 to 130.70): BM022730.D (-732) (-)

Ion 64.00 (63.70 to 64.70): BM022730.D (-732) (-)





#9

Benzaldehyde

Concen: 44.657 ng

RT: 6.97 min Scan# 677

Delta R.T. 0.01 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

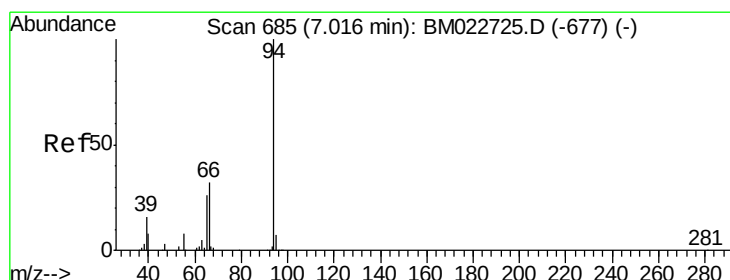
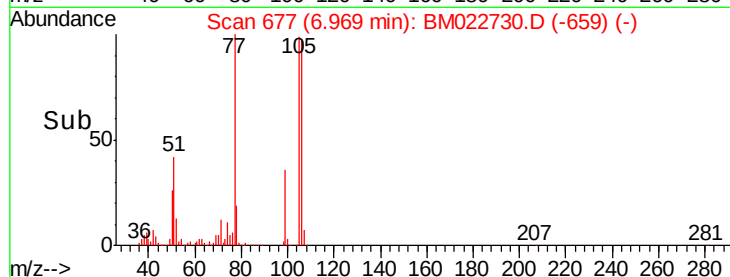
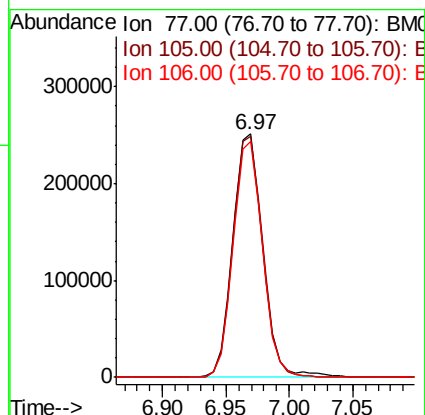
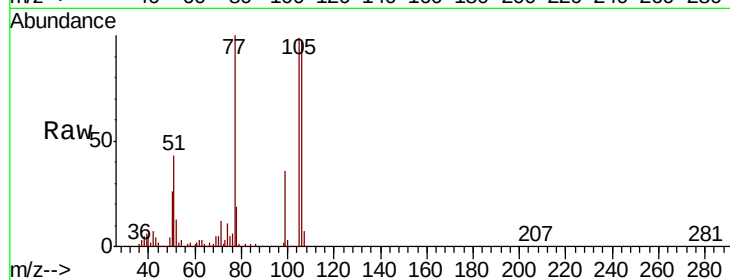
Tot Ion: 77 Resp: 409237

Ion Ratio Lower Upper

77 100

105 99.0 79.6 119.6

106 96.8 76.3 116.3



#10

Phenol

Concen: 38.585 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

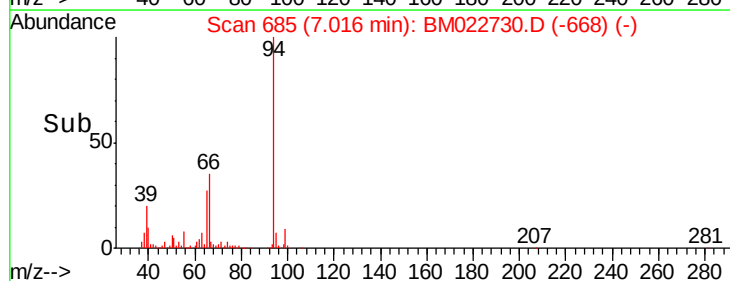
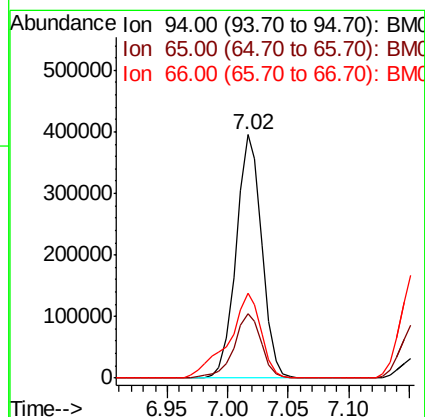
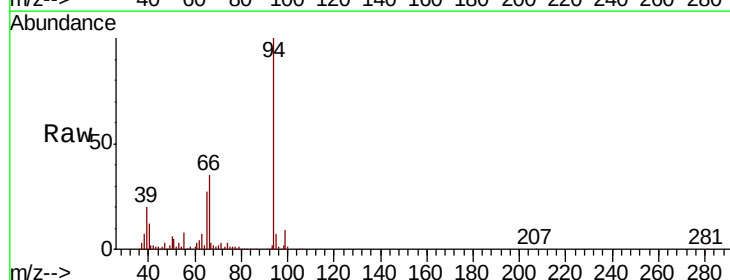
Tgt Ion: 94 Resp: 584631

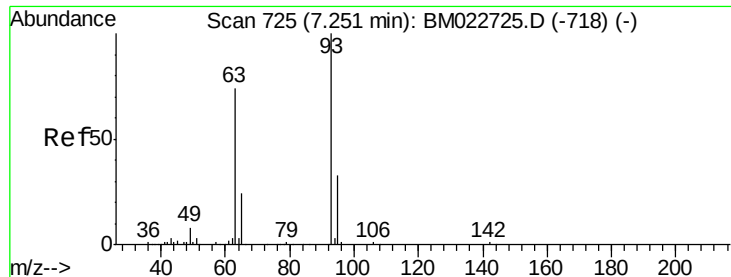
Ion Ratio Lower Upper

94 100

65 26.6 6.7 46.7

66 34.6 13.8 53.8

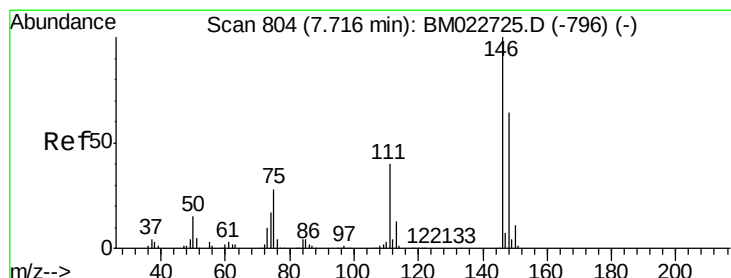
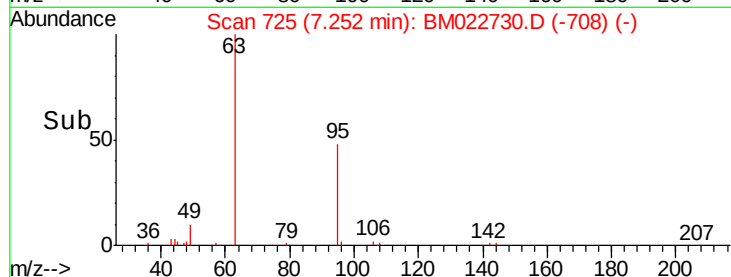
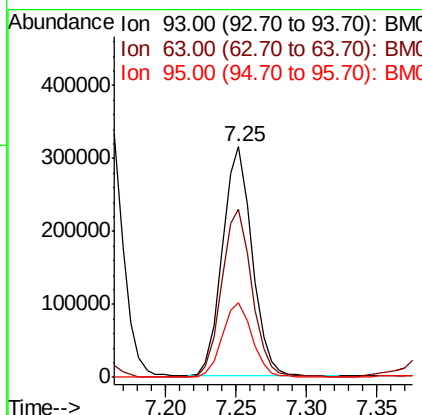
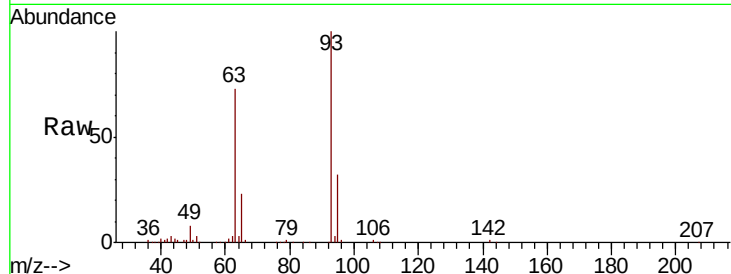




#11
bis(2-Chloroethyl)ether
Concen: 38.582 ng
RT: 7.25 min Scan# 725
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

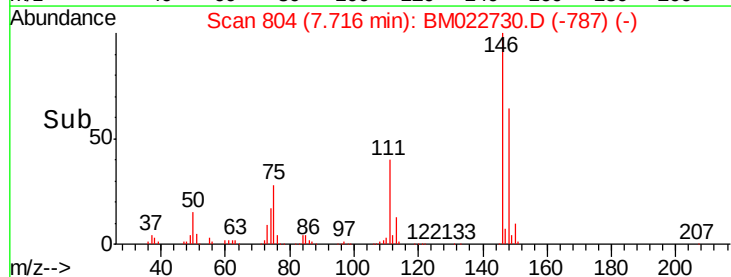
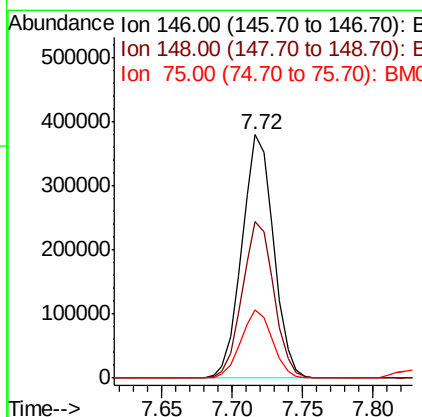
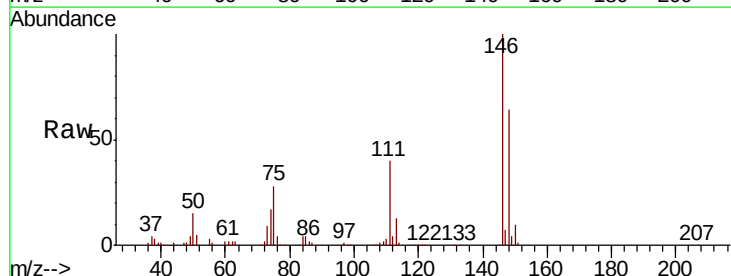
Instrument :
BNA_M
ClientSampleId :
ICVBM092019

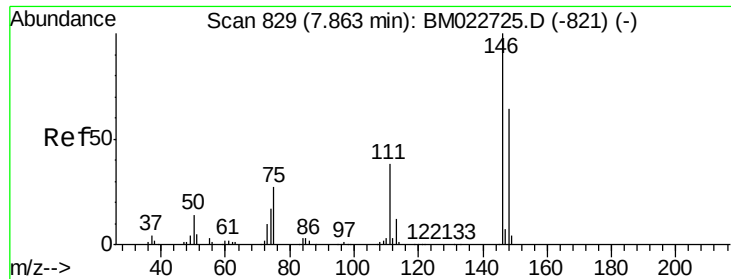
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.1	53.8	93.8
95	32.2	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 38.906 ng
RT: 7.72 min Scan# 804
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
75	28.1	22.5	33.7

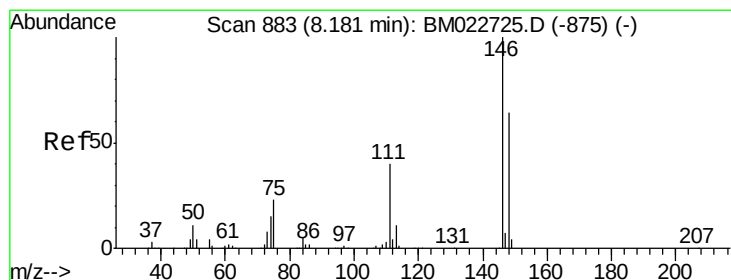
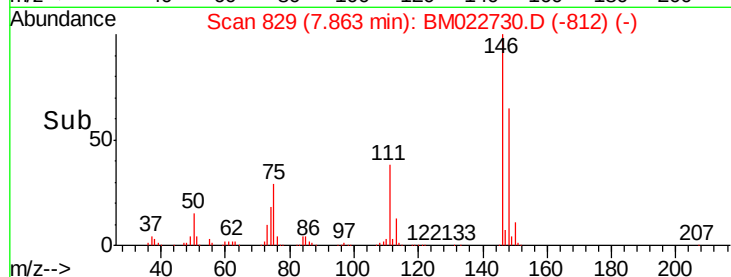
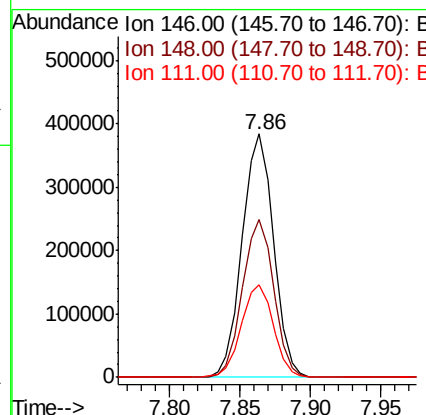
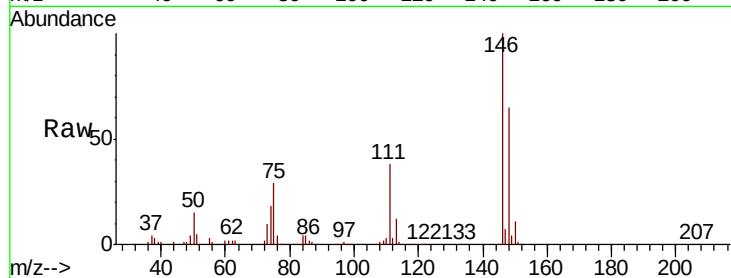




#13
 1,4-Dichlorobenzene
 Concen: 38.774 ng
 RT: 7.86 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

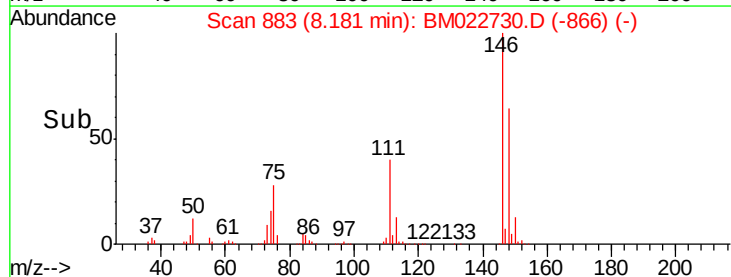
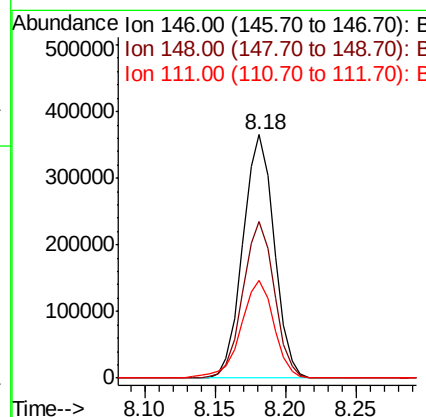
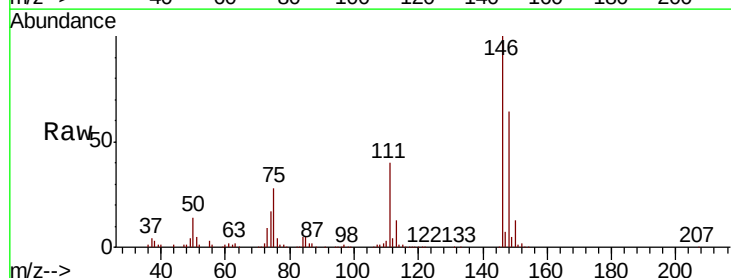
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM092019

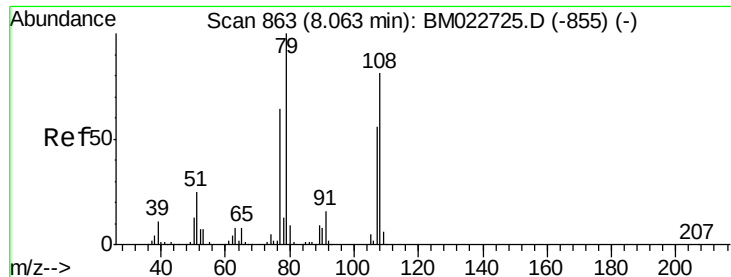
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
111	38.1	30.9	46.3



#14
 1,2-Dichlorobenzene
 Concen: 38.583 ng
 RT: 8.18 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
111	39.9	32.3	48.5





#15

Benzyl Alcohol

Concen: 39.415 ng

RT: 8.06 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

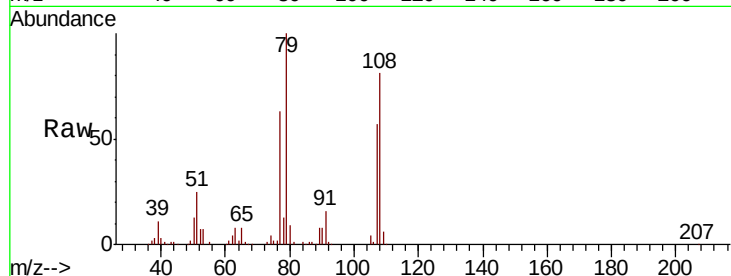
Tot Ion: 79 Resp: 396933

Ion Ratio Lower Upper

79 100

108 81.3 64.9 97.3

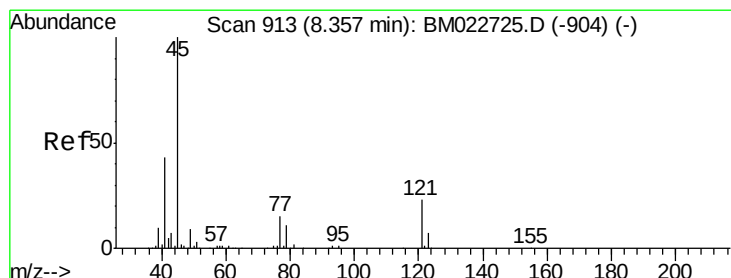
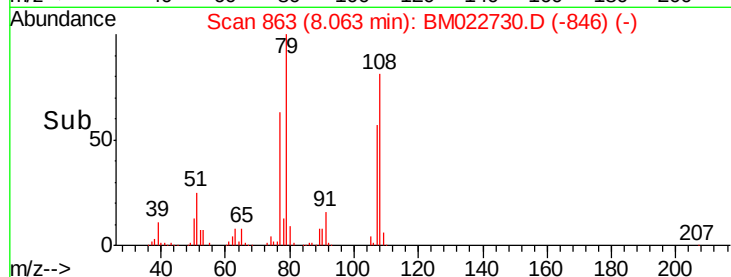
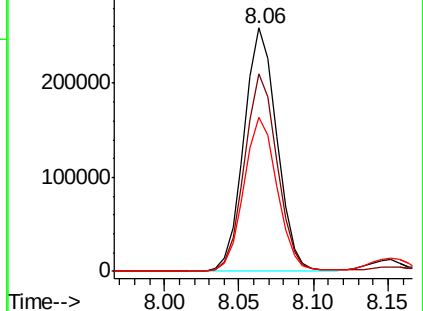
77 63.3 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BM022725.D (-855) (-)

Ion 108.00 (107.70 to 108.70): BM022725.D (-855) (-)

Ion 77.00 (76.70 to 77.70): BM022725.D (-855) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.453 ng

RT: 8.36 min Scan# 913

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

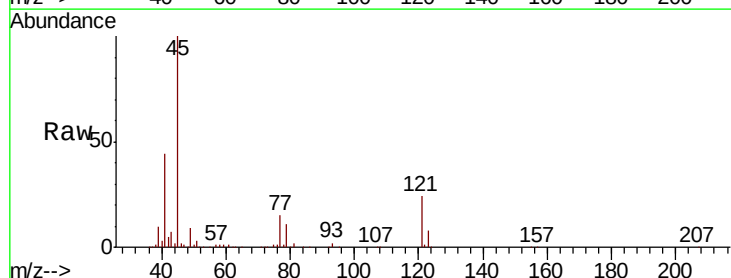
Tgt Ion: 45 Resp: 647664

Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.1

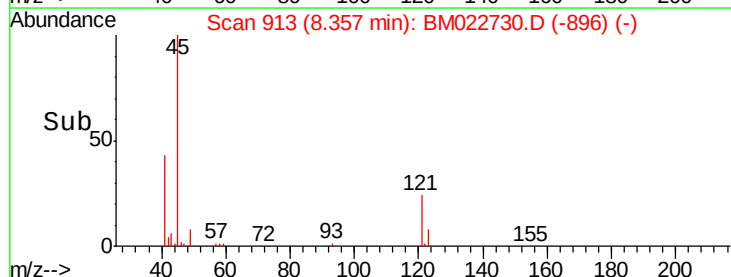
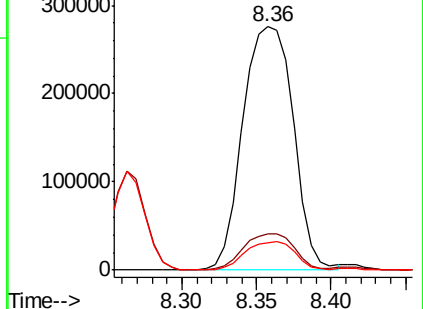
79 11.3 0.0 31.4

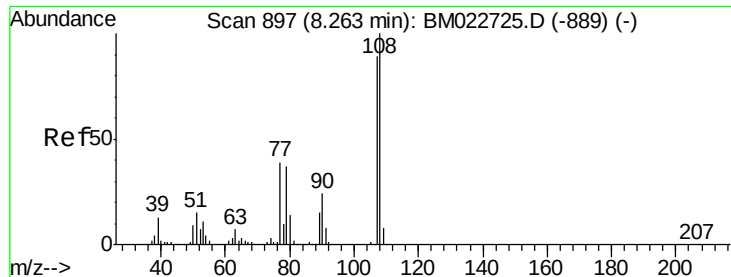


Abundance Ion 45.00 (44.70 to 45.70): BM022725.D (-904) (-)

Ion 77.00 (76.70 to 77.70): BM022725.D (-904) (-)

Ion 79.00 (78.70 to 79.70): BM022725.D (-904) (-)

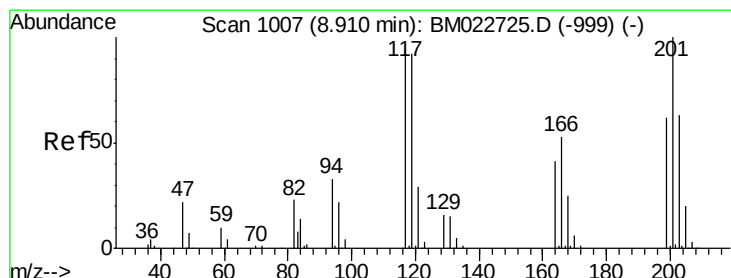
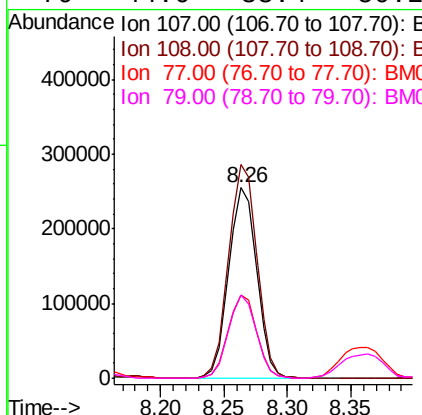
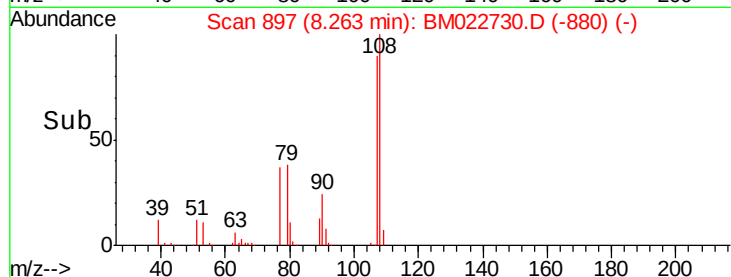
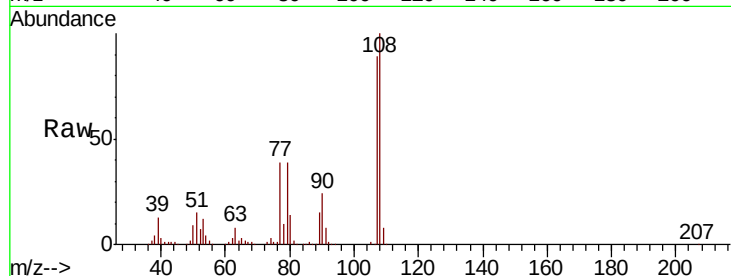




#17
2-Methylphenol
Concen: 39.115 ng
RT: 8.26 min Scan# 897
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

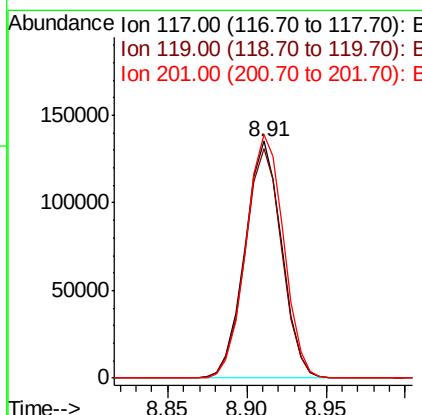
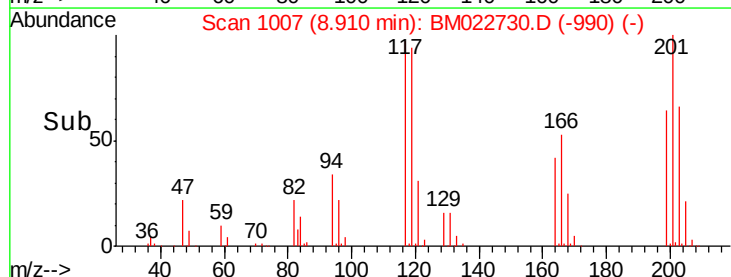
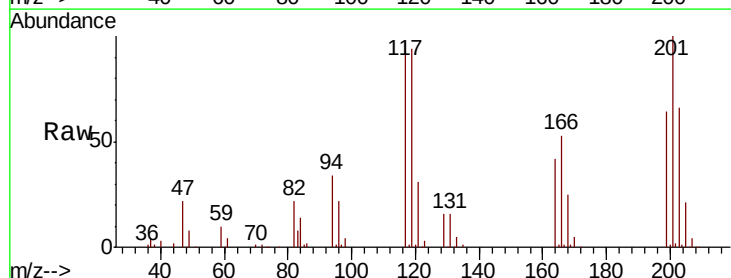
Instrument :
BNA_M
ClientSampleId :
ICVBM092019

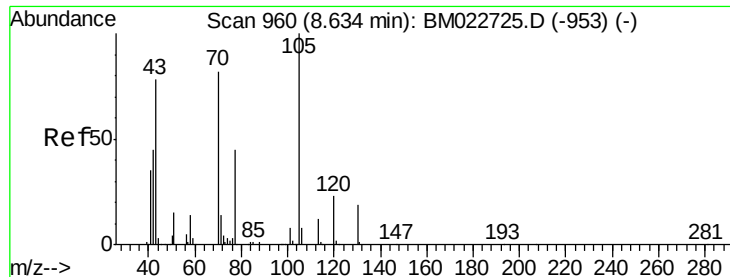
Tot Ion:	107	Resp:	392284
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.0	135.0
77	44.1	35.2	52.8
79	44.0	33.4	50.2



#18
Hexachloroethane
Concen: 38.377 ng
RT: 8.91 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Tgt Ion:	117	Resp:	217435
Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.0	117.0
201	102.8	85.0	127.6

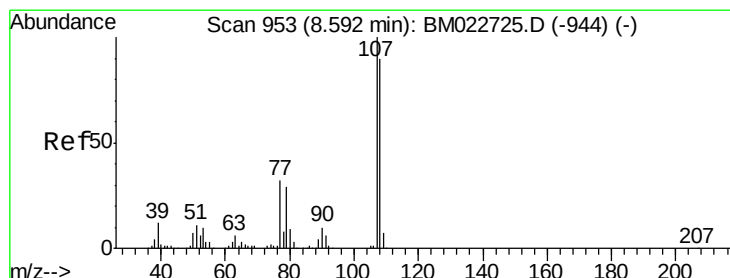
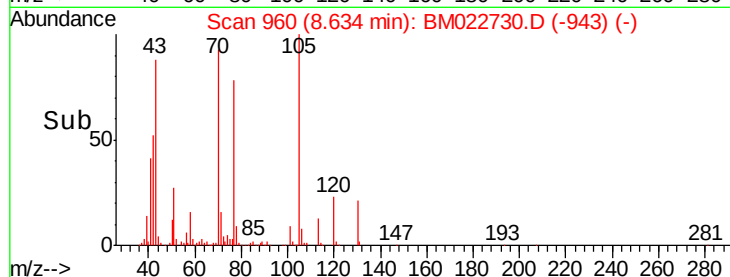
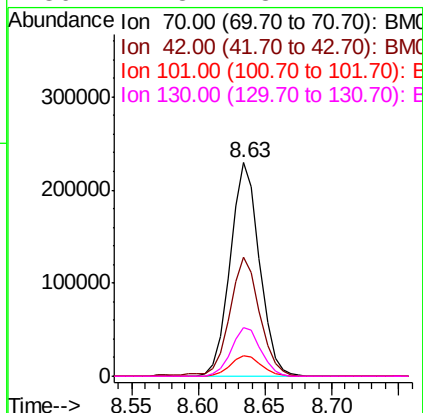
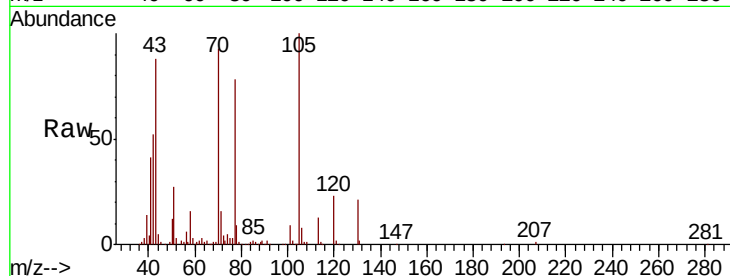




#19
n-Nitroso-di-n-propylamine
Concen: 38.984 ng
RT: 8.63 min Scan# 960
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

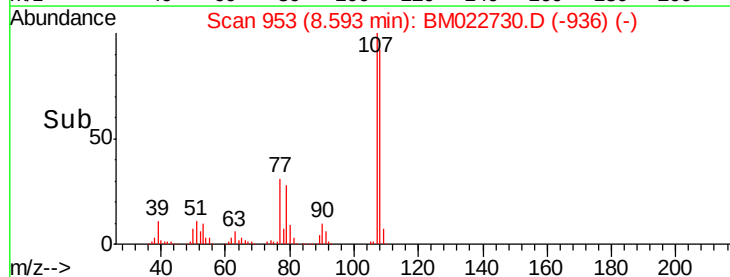
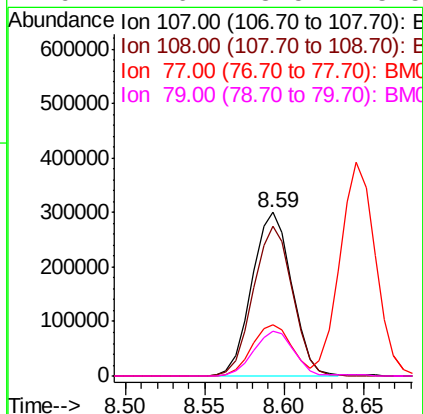
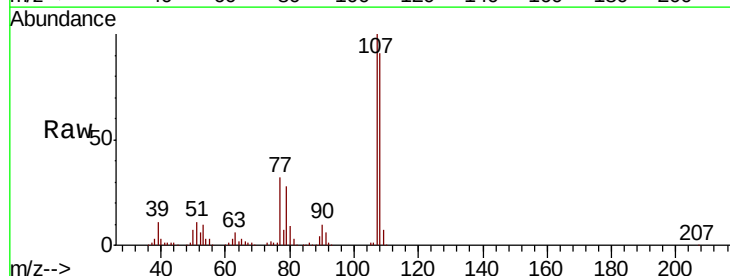
Instrument :
BNA_M
ClientSampleId :
ICVBM092019

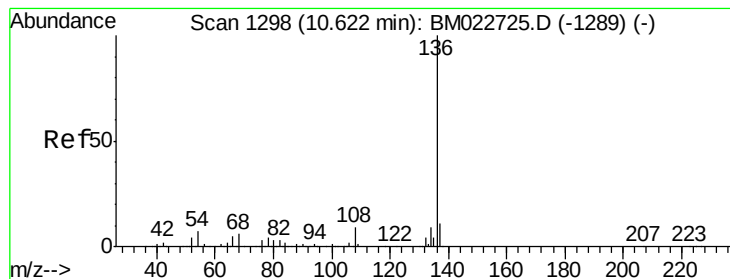
Tot Ion:	70	Resp:	350356
Ion	Ratio	Lower	Upper
70	100		
42	55.6	44.4	66.6
101	9.8	7.8	11.6
130	22.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 39.359 ng
RT: 8.59 min Scan# 953
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Tgt Ion:	107	Resp:	525756
Ion	Ratio	Lower	Upper
107	100		
108	91.4	70.1	110.1
77	31.7	12.1	52.1
79	27.6	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

Tot Ion:136 Resp: 786540

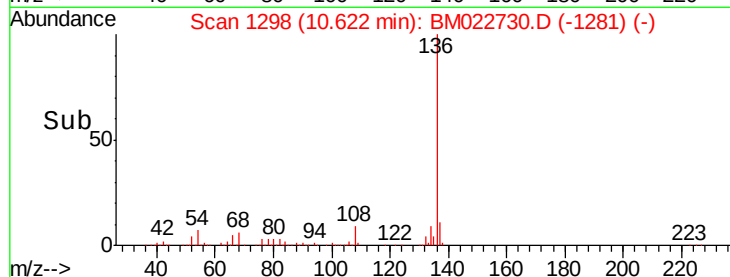
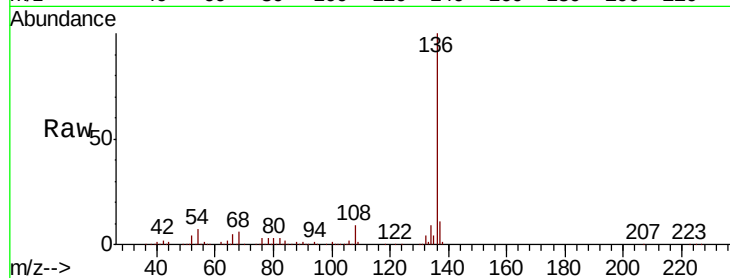
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.0 6.0 9.0

68 5.7 4.9 7.3

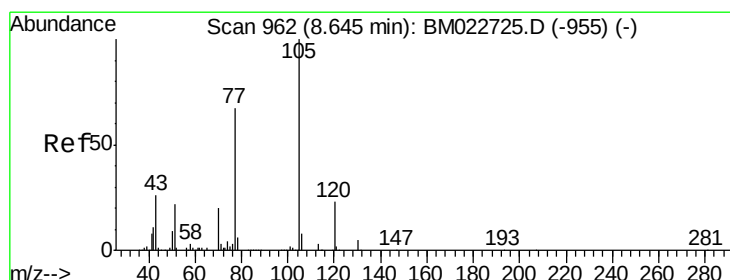
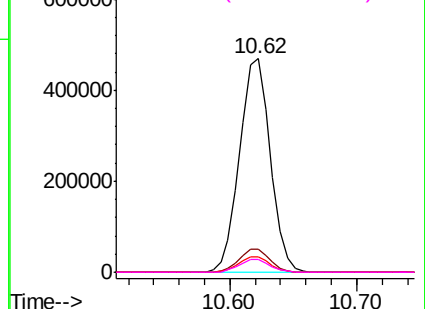


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.095 ng

RT: 8.65 min Scan# 962

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Tgt Ion:105 Resp: 817281

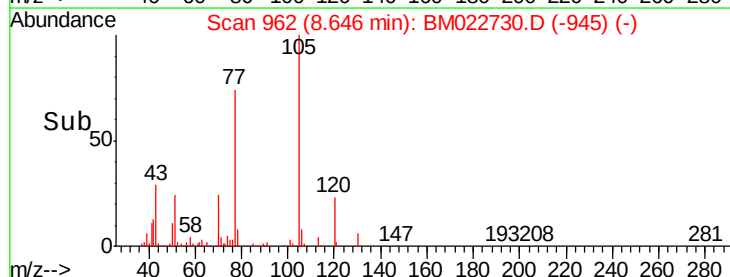
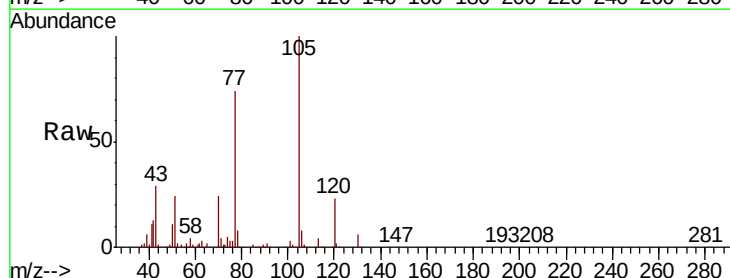
Ion Ratio Lower Upper

105 100

71 3.9 2.7 4.1

51 24.1 19.9 29.9

120 22.8 18.3 27.5

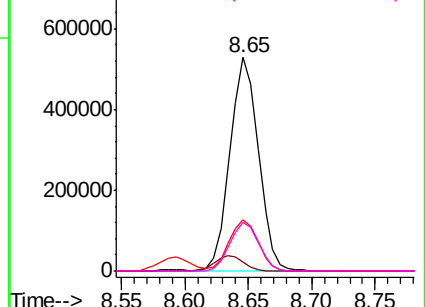


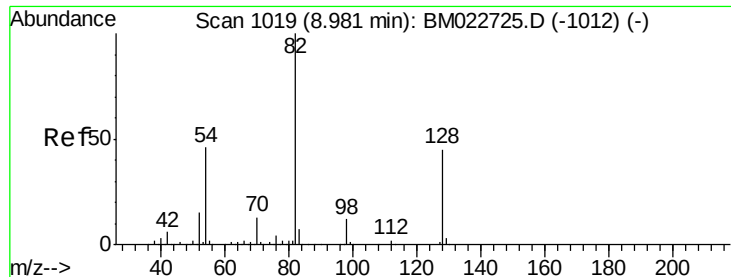
Abundance Ion 105.00 (104.70 to 105.70): E

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



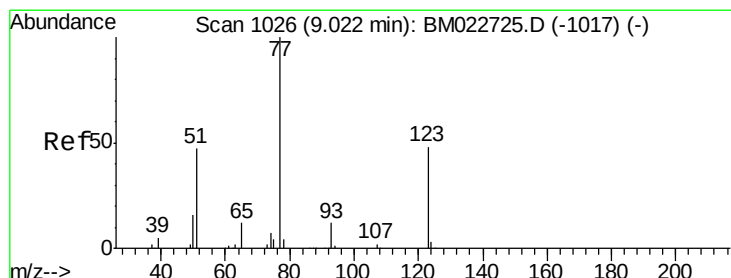
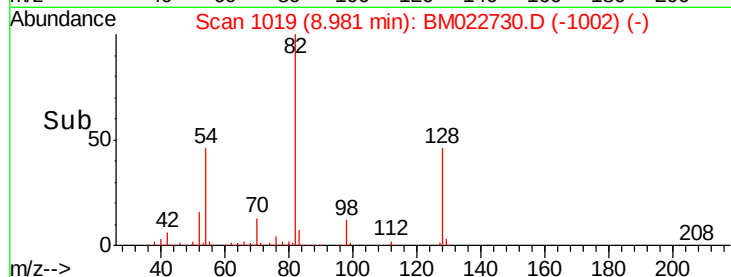
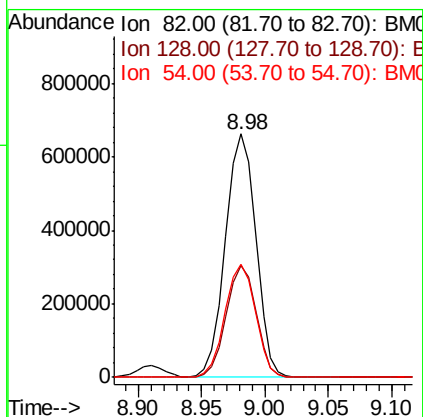
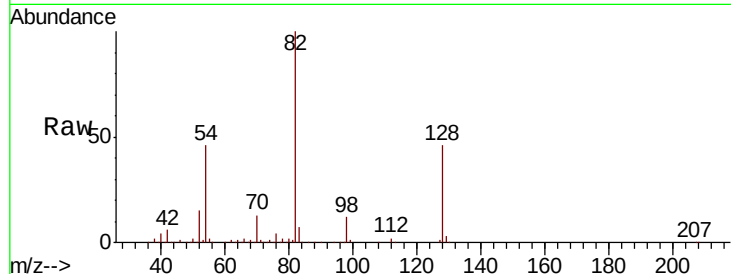


#23
 Nitrobenzene-d5
 Concen: 77.798 ng
 RT: 8.98 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM092019

Tot Ion: 82 Resp: 1102349

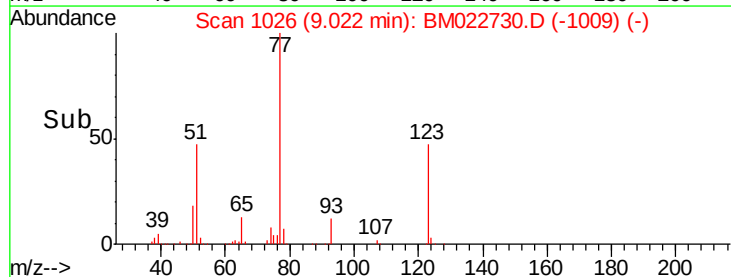
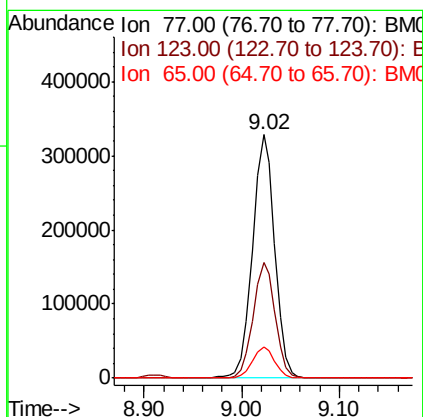
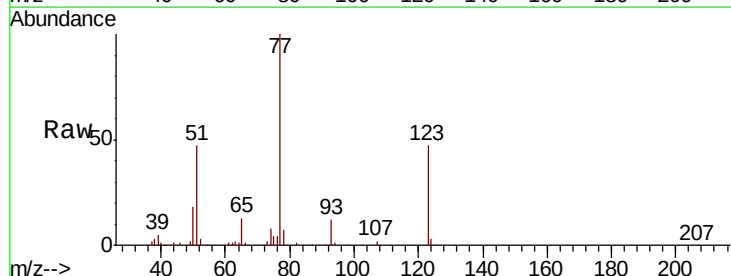
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.0	54.0
54	46.3	37.1	55.7

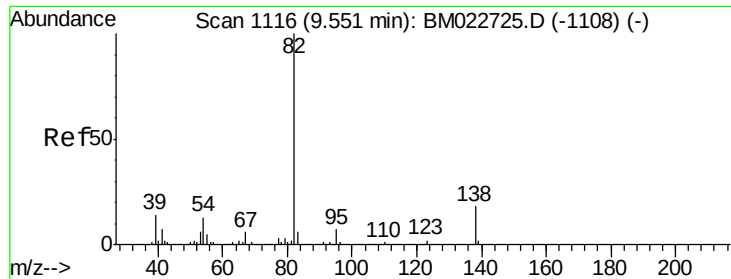


#24
 Nitrobenzene
 Concen: 38.653 ng
 RT: 9.02 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

Tgt Ion: 77 Resp: 524015

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

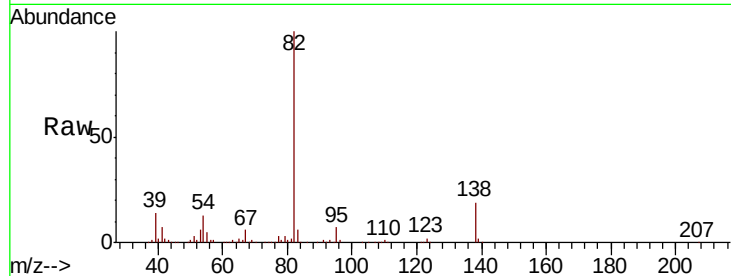




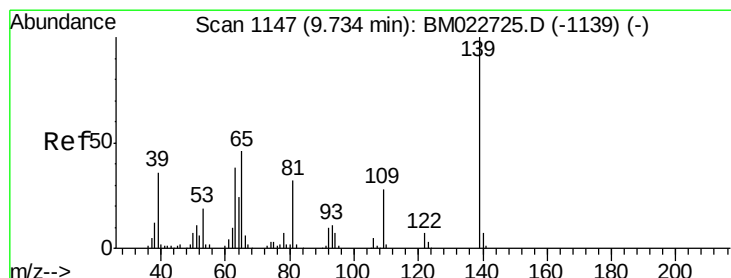
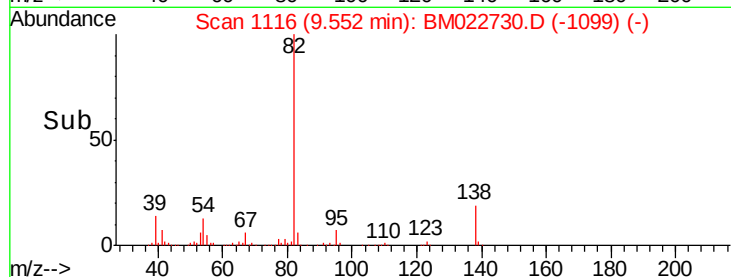
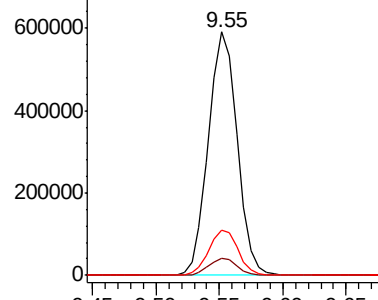
#25
Isophorone
Concen: 39.960 ng
RT: 9.55 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Instrument :
BNA_M
ClientSampleId :
ICVBM092019

Tot Ion: 82 Resp: 930976
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 18.7 14.7 22.1

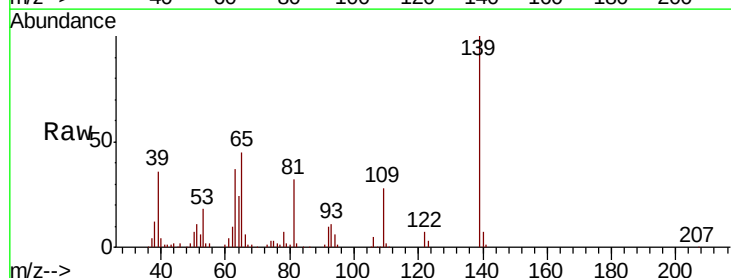


Abundance Ion 82.00 (81.70 to 82.70): BM022725.D (-1108) (-)
Ion 95.00 (94.70 to 95.70): BM022730.D (-1099) (-)
Ion 138.00 (137.70 to 138.70): BM022730.D (-1099) (-)

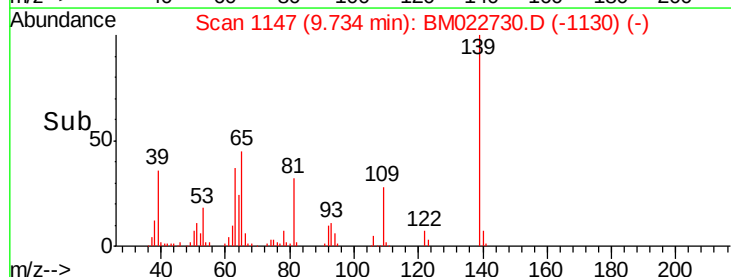
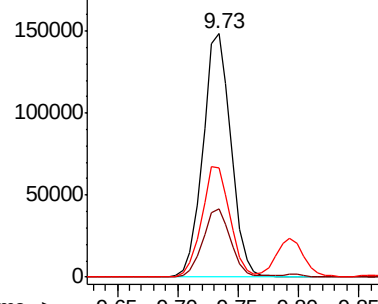


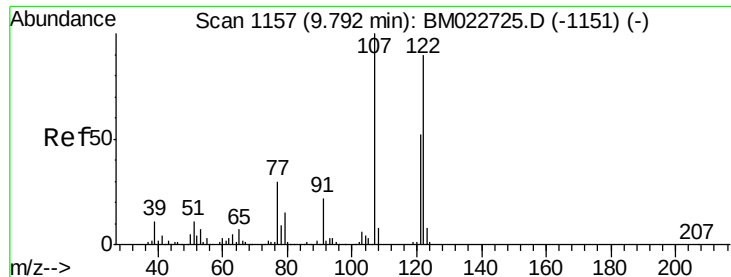
#26
2-Nitrophenol
Concen: 40.987 ng
RT: 9.73 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Tgt Ion: 139 Resp: 239878
Ion Ratio Lower Upper
139 100
109 28.0 22.6 33.8
65 45.0 37.0 55.4



Abundance Ion 139.00 (138.70 to 139.70): BM022725.D (-1139) (-)
Ion 109.00 (108.70 to 109.70): BM022730.D (-1130) (-)
Ion 65.00 (64.70 to 65.70): BM022730.D (-1130) (-)

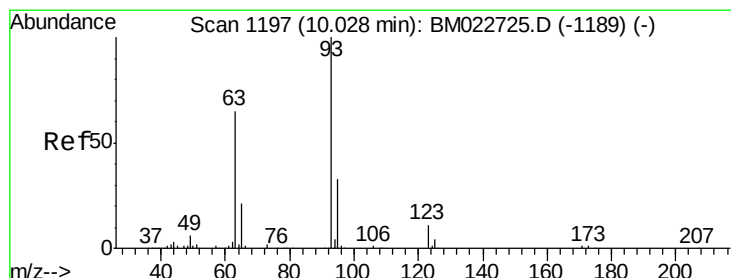
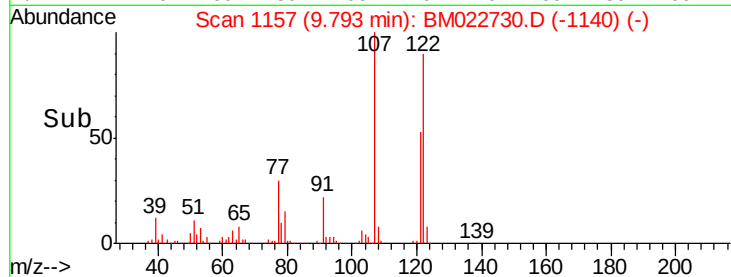
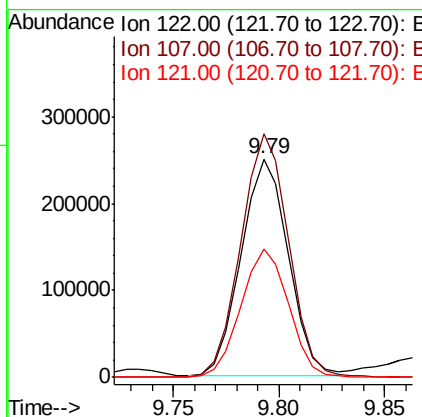
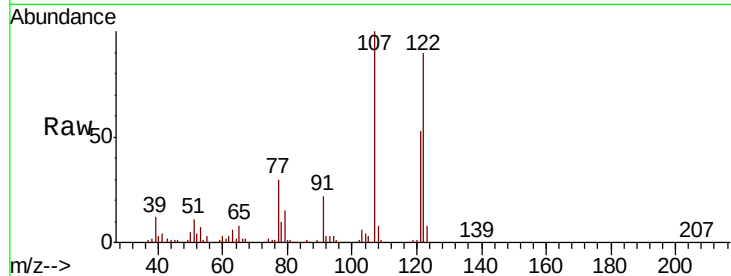




#27
 2,4-Dimethylphenol
 Concen: 39.656 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

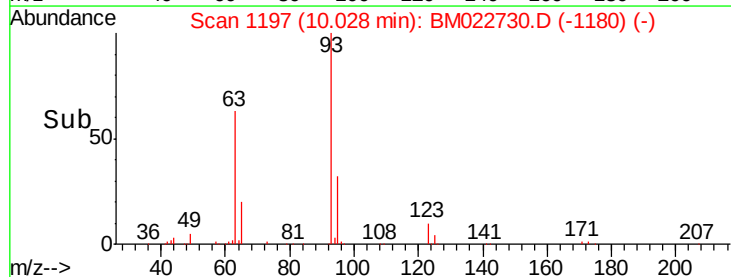
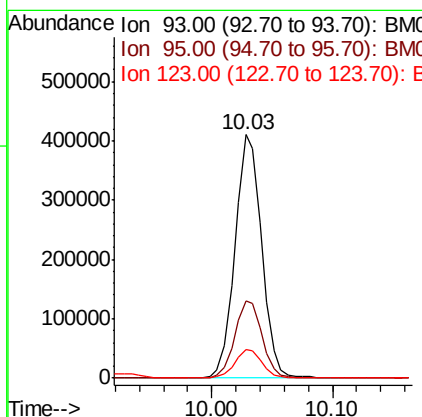
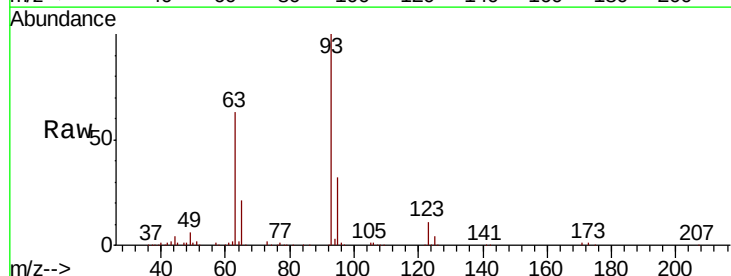
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM092019

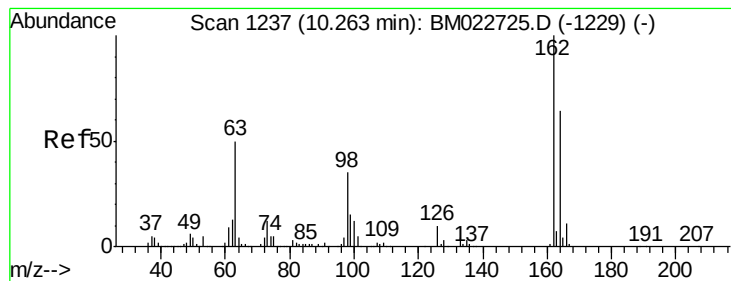
Tot Ion:	122	Resp:	388542
Ion	Ratio	Lower	Upper
122	100		
107	111.5	88.9	133.3
121	58.6	46.5	69.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.170 ng
 RT: 10.03 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

Tgt Ion:	93	Resp:	631489
Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.0	39.0
123	11.5	9.0	13.6





#29

2,4-Dichlorophenol

Concen: 40.353 ng

RT: 10.26 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

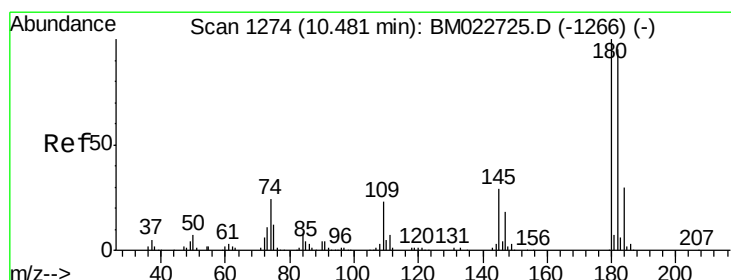
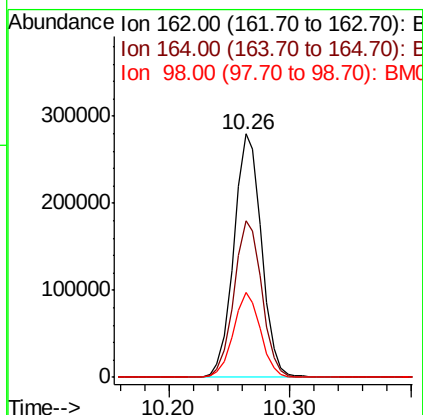
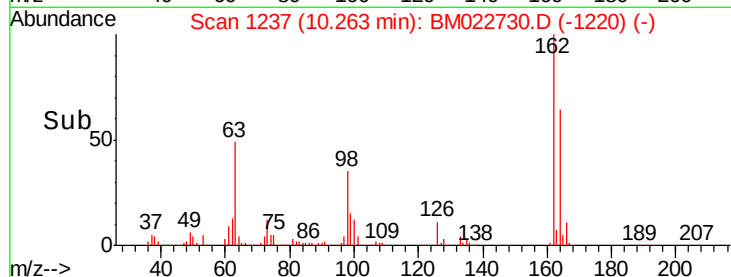
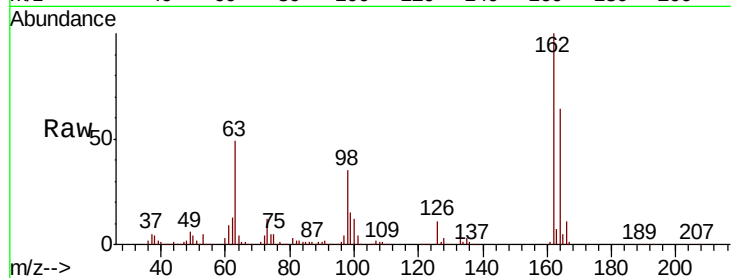
Tot Ion:162 Resp: 447003

Ion Ratio Lower Upper

162 100

164 64.2 44.4 84.4

98 34.7 14.8 54.8



#30

1,2,4-Trichlorobenzene

Concen: 39.232 ng

RT: 10.49 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

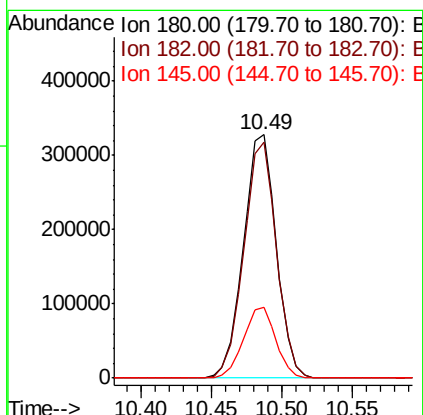
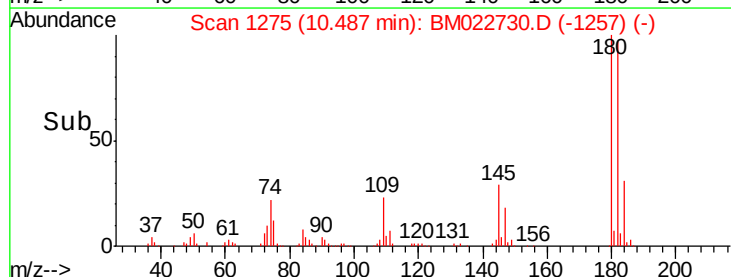
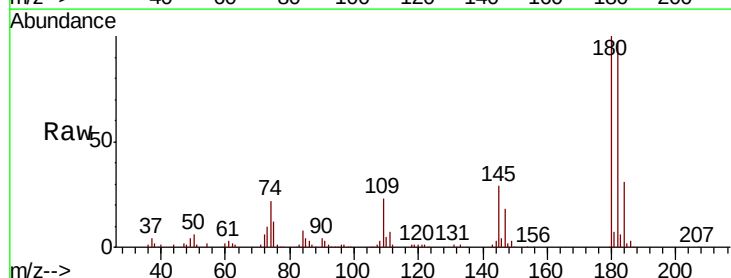
Tgt Ion:180 Resp: 534687

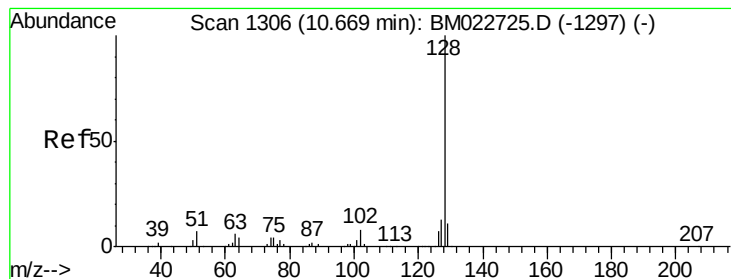
Ion Ratio Lower Upper

180 100

182 96.8 76.2 114.2

145 28.8 23.0 34.4

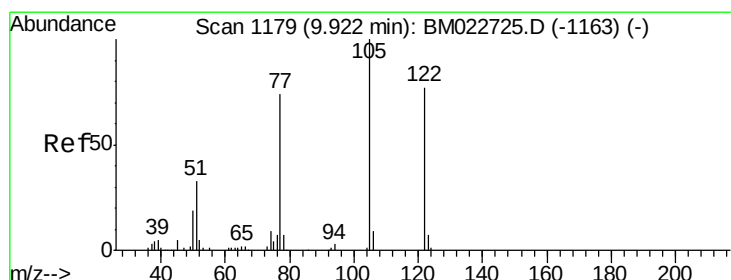
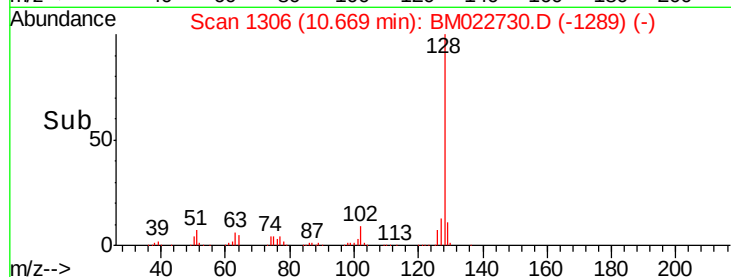
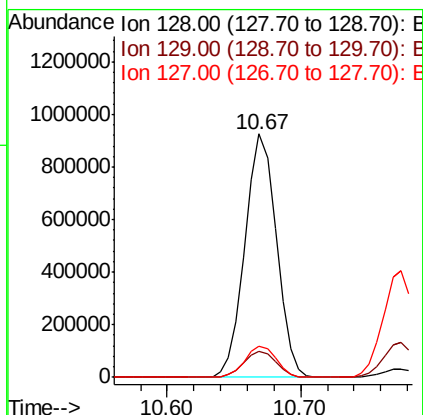
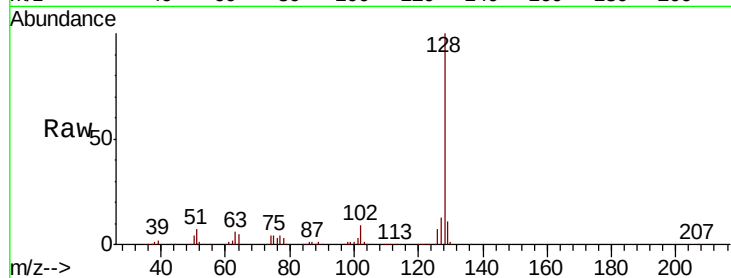




#31
Naphthalene
Concen: 38.849 ng
RT: 10.67 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

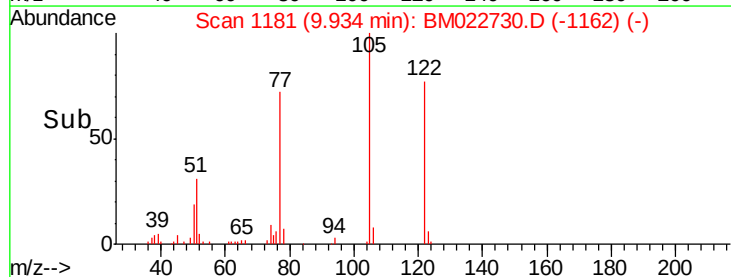
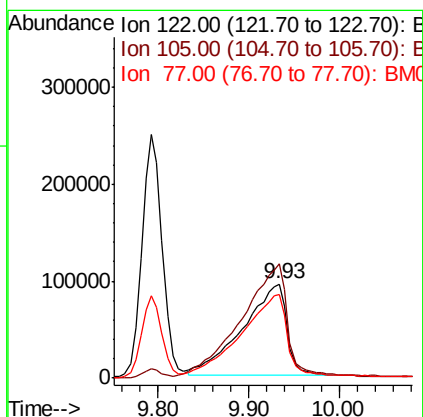
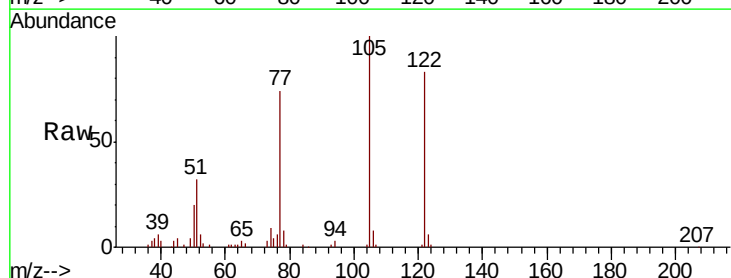
Instrument :
BNA_M
ClientSampleId :
ICVBM092019

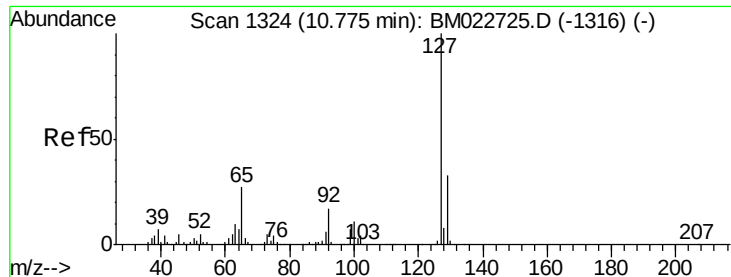
Tot Ion:128 Resp: 1509810
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 47.567 ng
RT: 9.93 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Tgt Ion:122 Resp: 319876
Ion Ratio Lower Upper
122 100
105 121.1 105.3 145.3
77 89.5 74.7 114.7

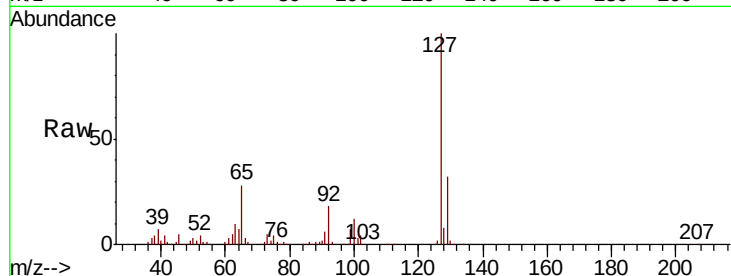




#33
4-Chloroaniline
Concen: 39.564 ng
RT: 10.78 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Instrument :
BNA_M
ClientSampleId :
ICVBM092019

Tot Ion:127	Resp:	667593
Ion	Ratio	Lower Upper
127	100	
129	32.5	26.1 39.1
65	27.5	22.0 33.0
92	17.6	13.8 20.8



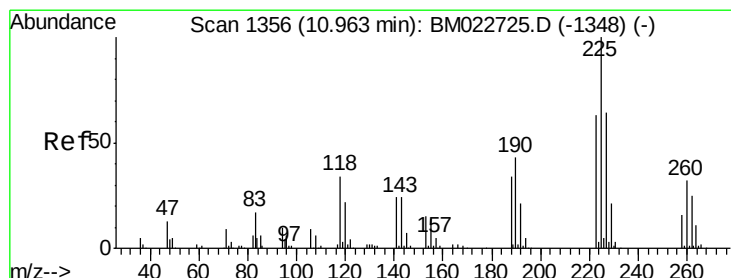
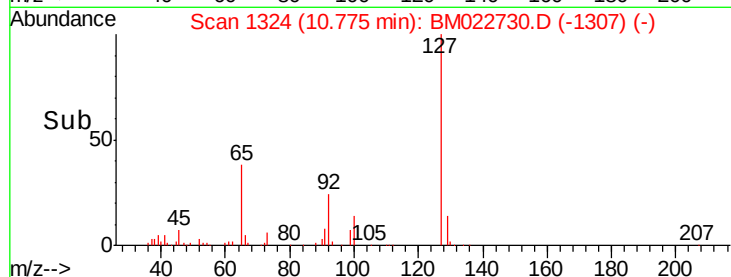
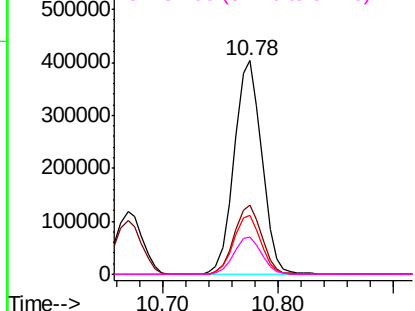
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

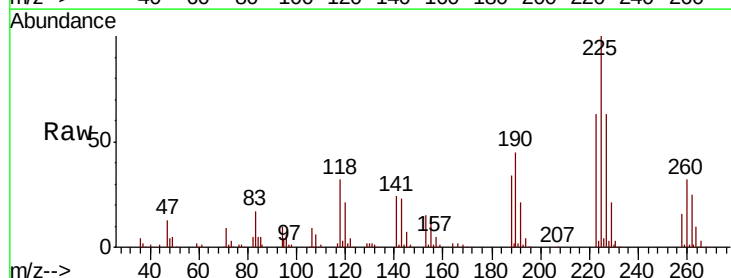
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 39.707 ng
RT: 10.96 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Tgt Ion:225	Resp:	322589
Ion	Ratio	Lower Upper
225	100	
223	62.7	50.2 75.4
227	63.3	51.0 76.4

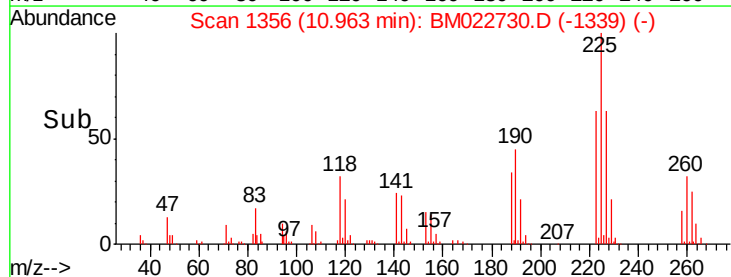
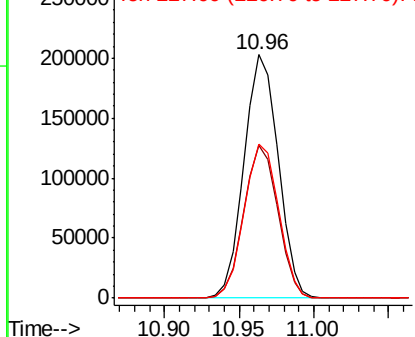


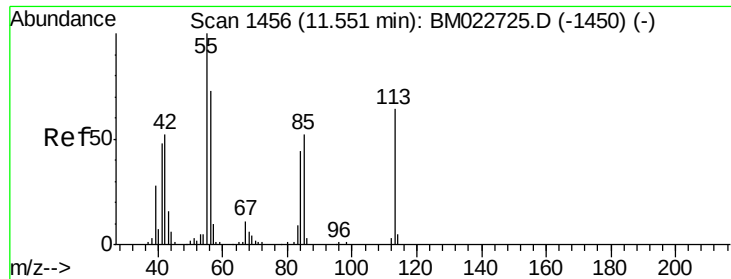
Abundance

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: 42.345 ng

RT: 11.56 min Scan# 1457

Delta R.T. 0.01 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

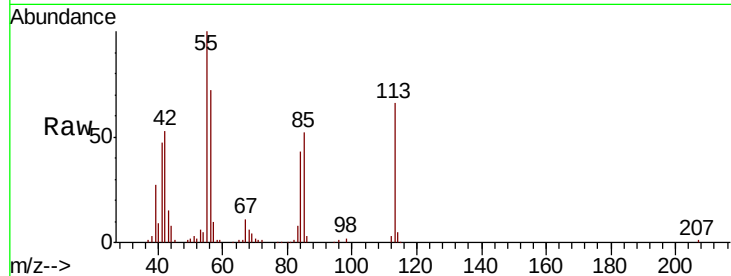
Tot Ion:113 Resp: 139061

Ion Ratio Lower Upper

113 100

55 152.4 136.8 176.8

56 110.4 95.2 135.2

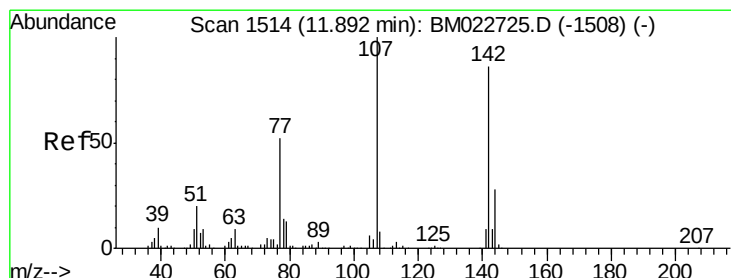
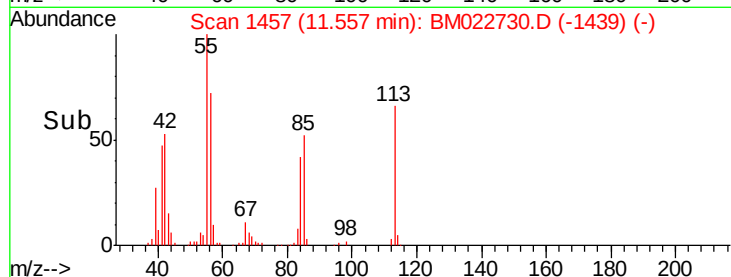
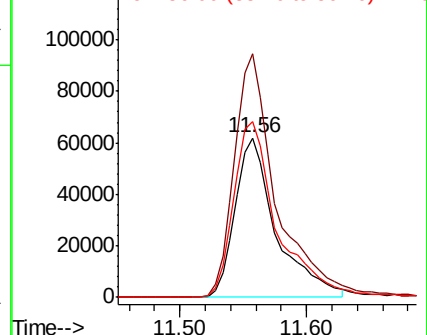


Abundance

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: 40.470 ng

RT: 11.90 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

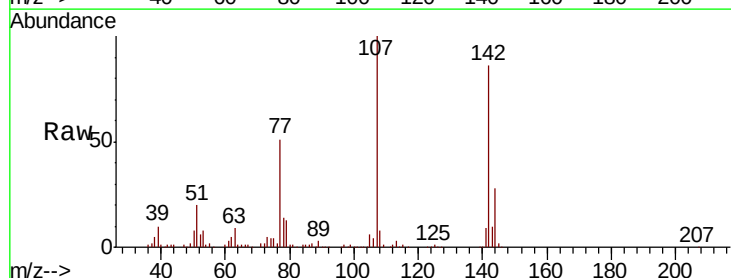
Tgt Ion:107 Resp: 437379

Ion Ratio Lower Upper

107 100

144 28.3 22.4 33.6

142 86.4 68.2 102.4

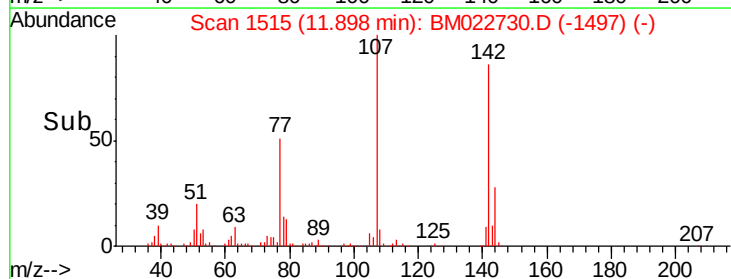
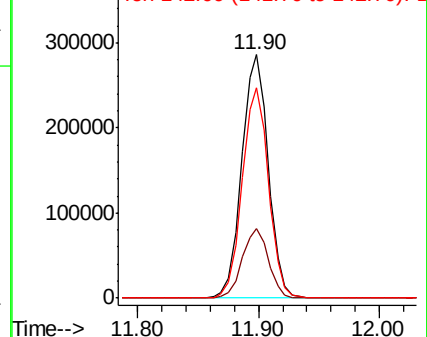


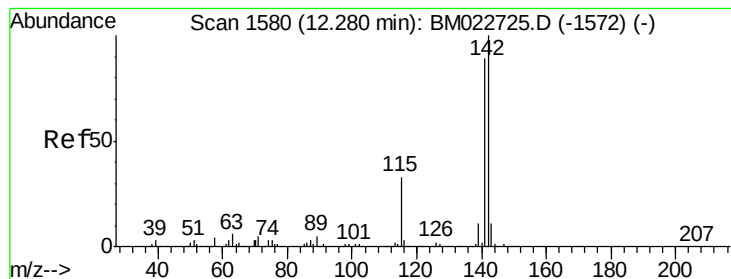
Abundance

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: 39.429 ng

RT: 12.28 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

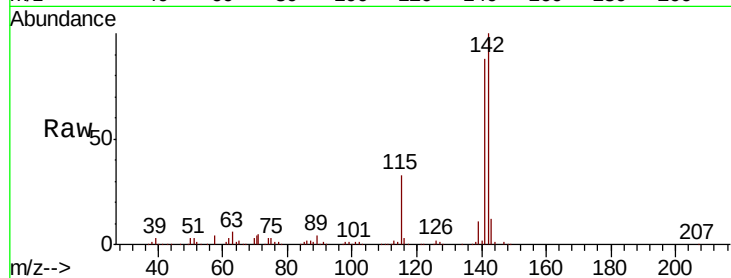
Tot Ion:142 Resp: 1066616

Ion Ratio Lower Upper

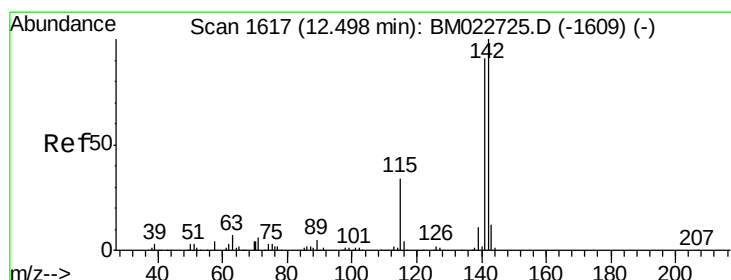
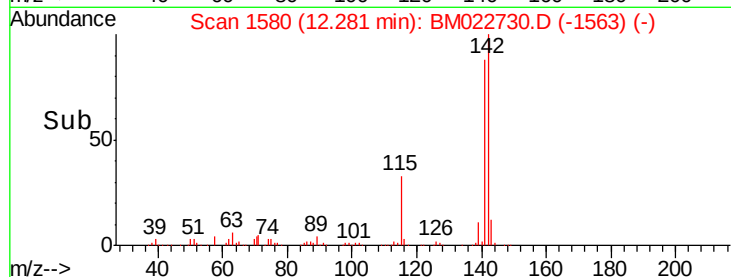
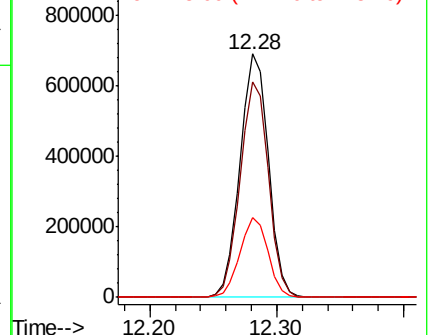
142 100

141 88.5 71.5 107.3

115 32.8 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: 39.189 ng

RT: 12.50 min Scan# 1618

Delta R.T. 0.01 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

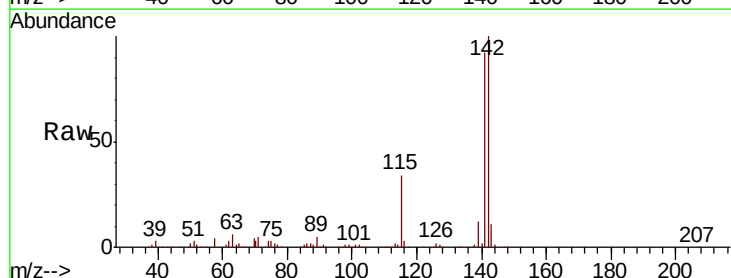
Tgt Ion:142 Resp: 1006303

Ion Ratio Lower Upper

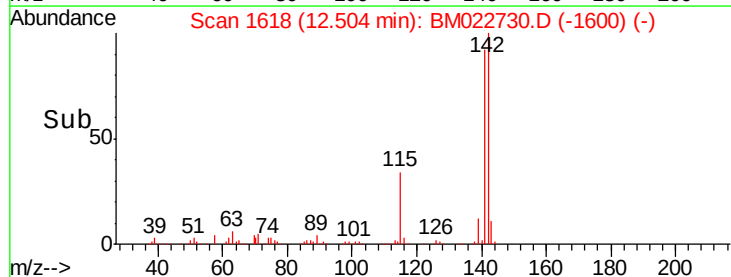
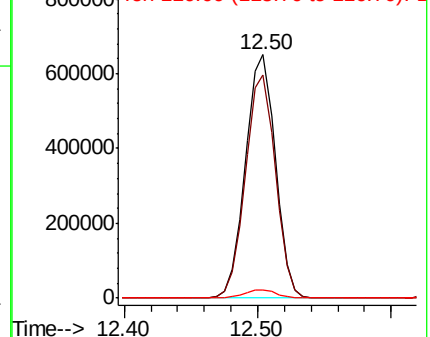
142 100

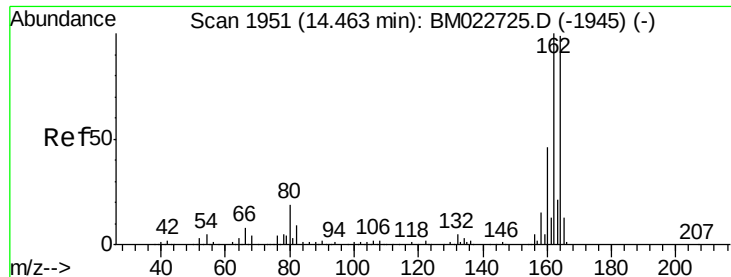
141 91.8 73.0 109.4

116 3.5 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# 1951

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

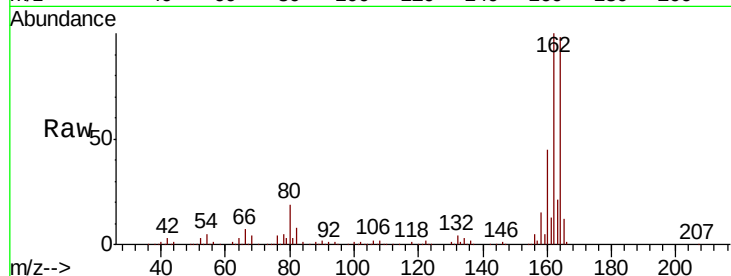
Tot Ion:164 Resp: 462848

Ion Ratio Lower Upper

164 100

162 102.1 81.1 121.7

160 45.6 36.9 55.3

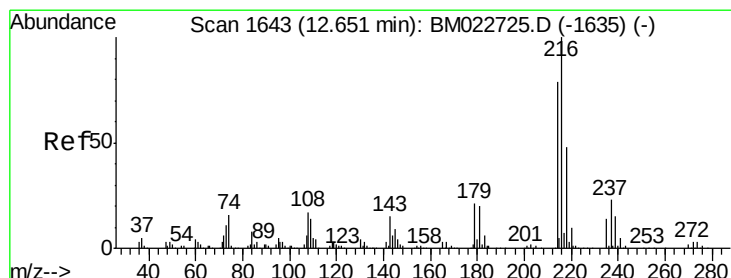
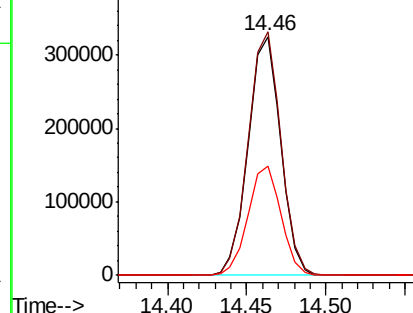
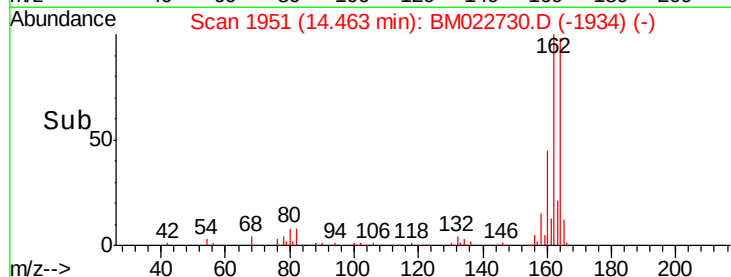


Abundance

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: 45.070 ng

RT: 12.65 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Tgt Ion:216 Resp: 706834

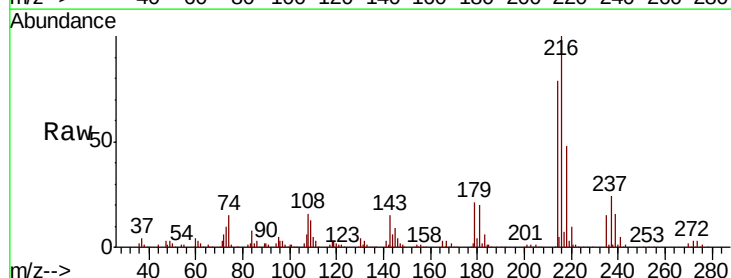
Ion Ratio Lower Upper

216 100

214 78.6 62.9 94.3

179 20.4 16.6 24.8

108 17.1 14.2 21.4



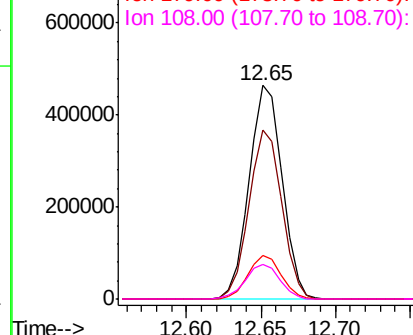
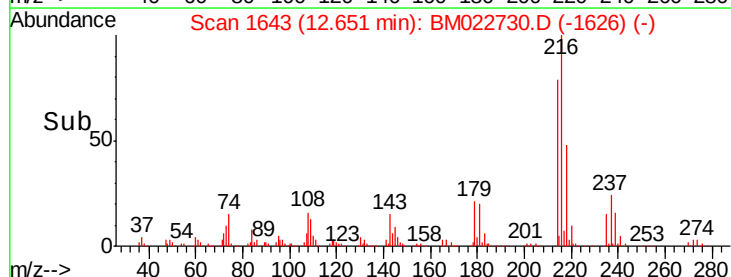
Abundance

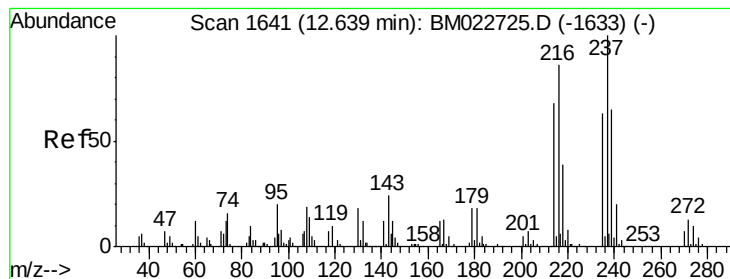
Ion 216.00 (215.70 to 216.70): E

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: 39.557 ng

RT: 12.64 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

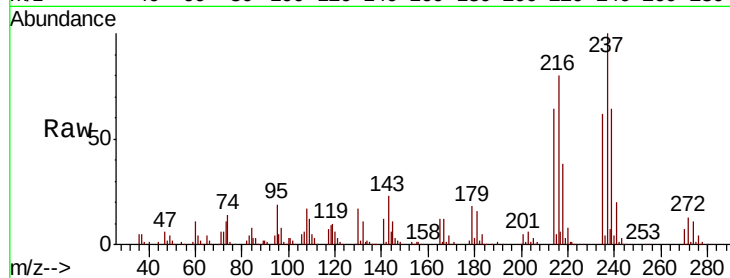
Tot Ion:237 Resp: 338483

Ion Ratio Lower Upper

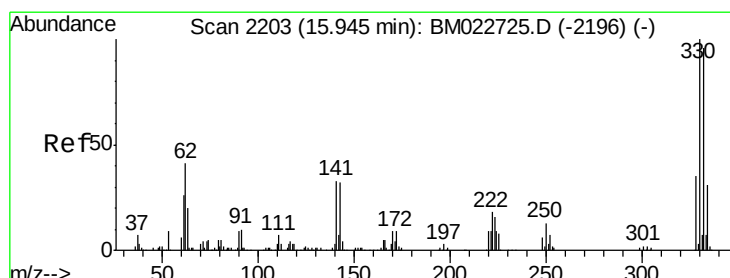
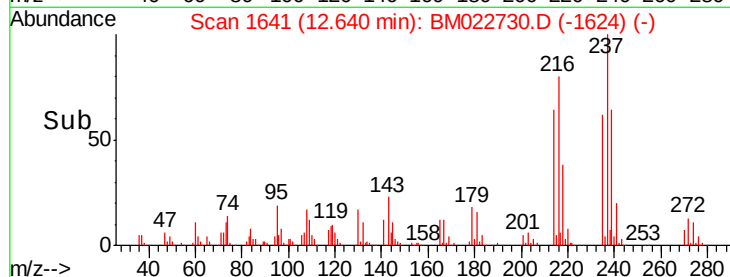
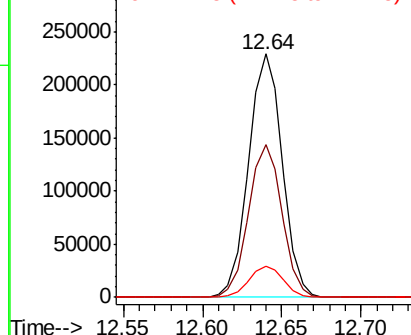
237 100

235 62.5 43.3 83.3

272 13.0 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: 82.745 ng

RT: 15.95 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

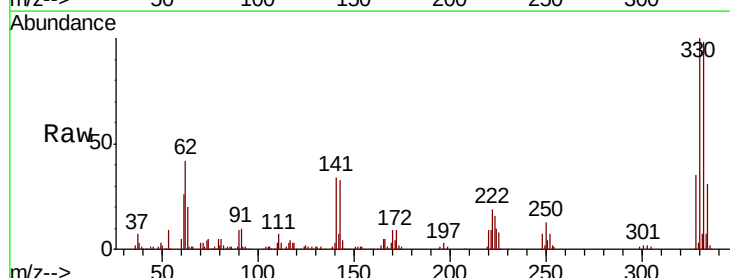
Tgt Ion:330 Resp: 478092

Ion Ratio Lower Upper

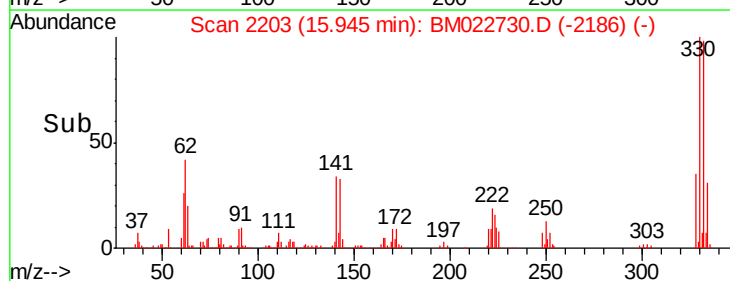
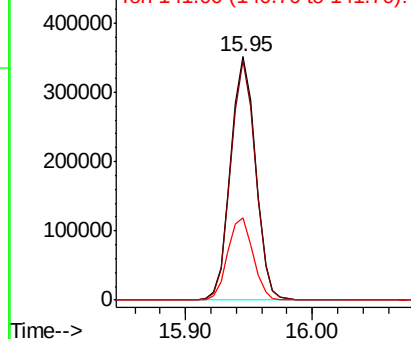
330 100

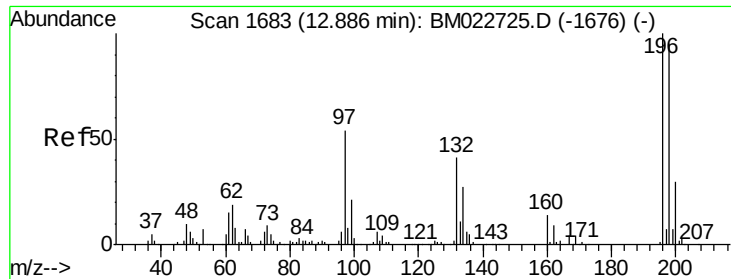
332 97.4 76.9 115.3

141 34.3 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

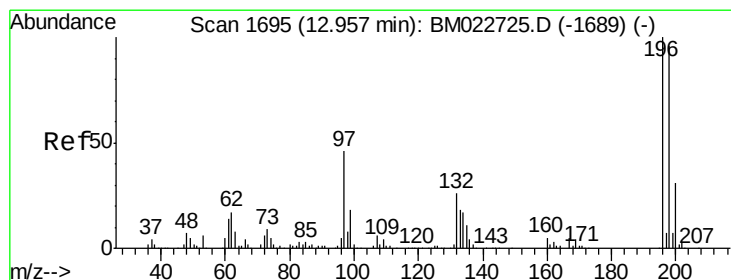
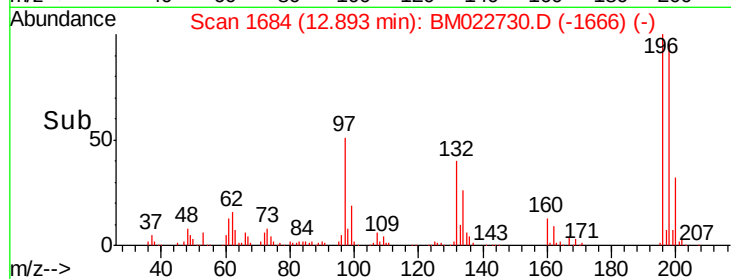
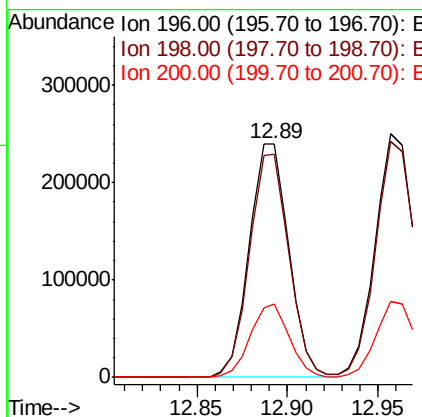
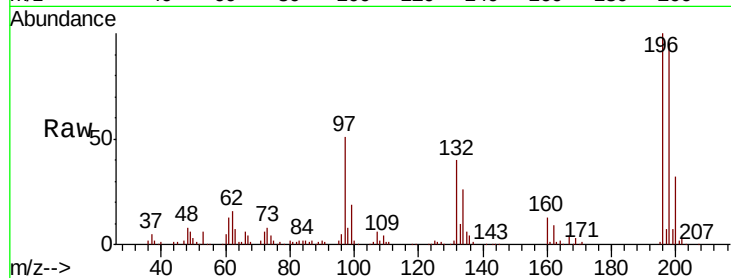




#43
 2,4,6-Trichlorophenol
 Concen: 40.324 ng
 RT: 12.89 min Scan# 1684
 Delta R.T. 0.01 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

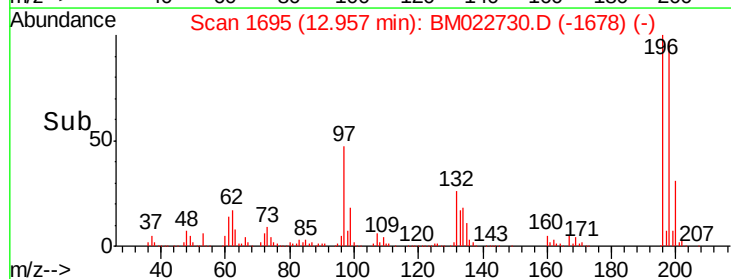
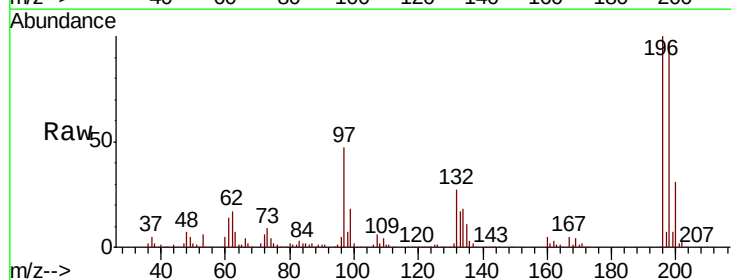
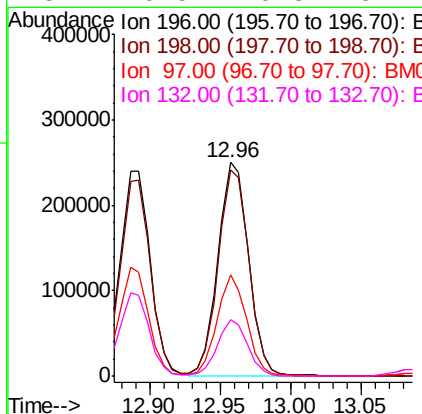
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM092019

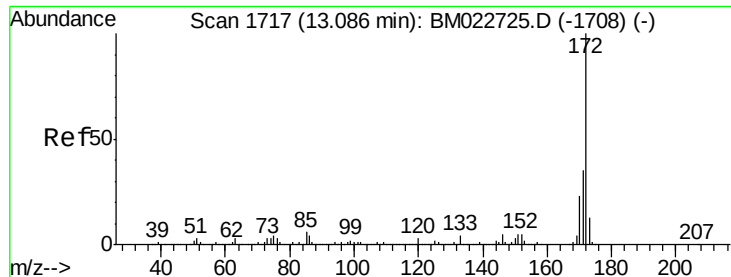
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.3	114.5
200	31.6	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.696 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.0	115.4
97	47.3	37.2	55.8
132	26.5	20.8	31.2



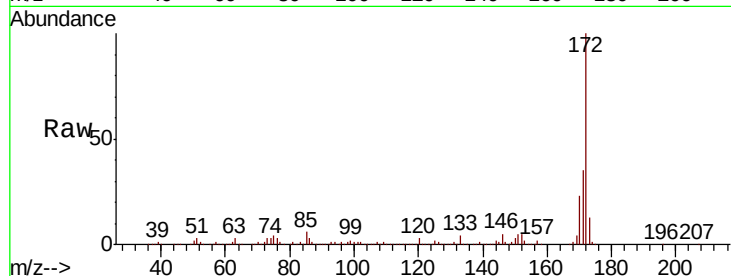


#45
2-Fluorobiphenyl
Concen: 77.907 ng
RT: 13.09 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Instrument :
BNA_M
ClientSampleId :
ICVBM092019

Tot Ion:172 Resp: 2618594

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	23.3	18.7	28.1

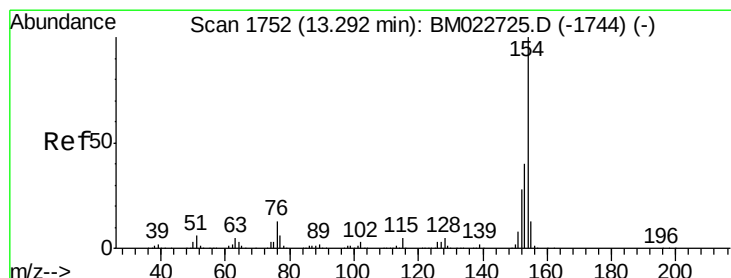
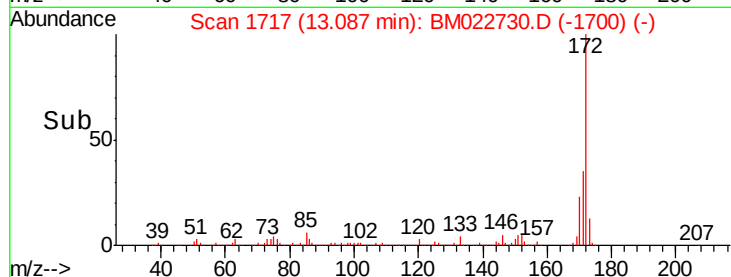
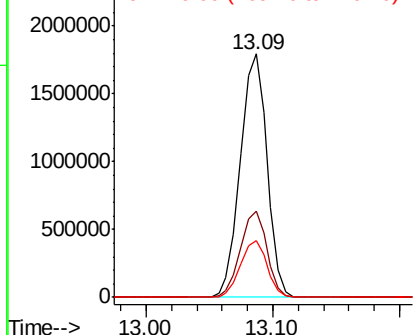


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

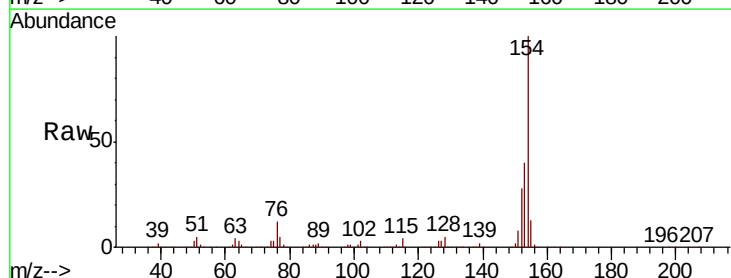
Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.803 ng
RT: 13.30 min Scan# 1753
Delta R.T. 0.01 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Tgt Ion:154 Resp: 1639641

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.1	60.1
76	11.6	0.0	32.6

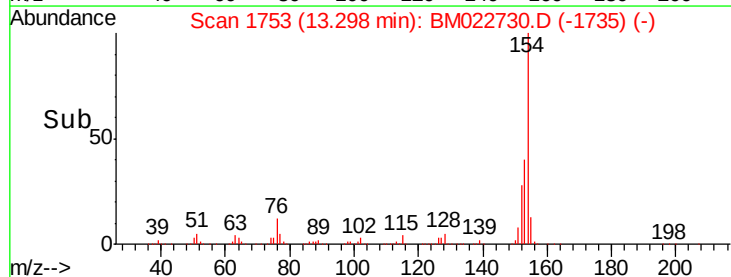
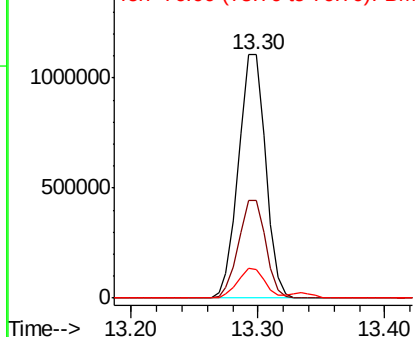


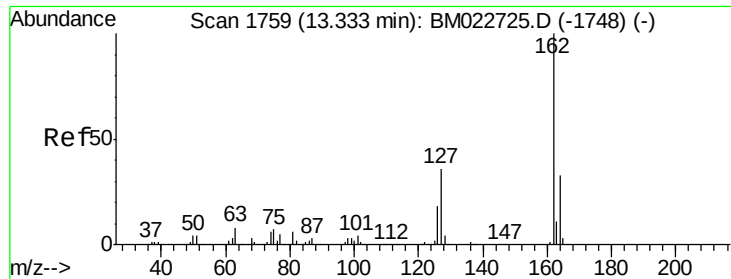
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E

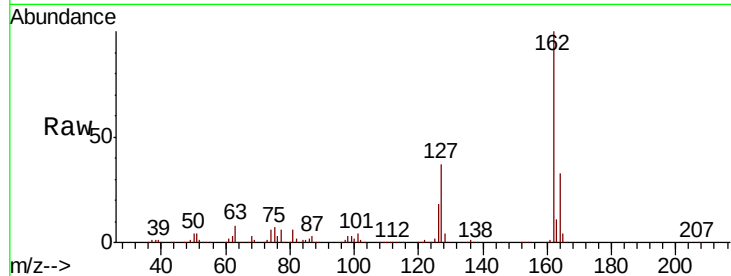




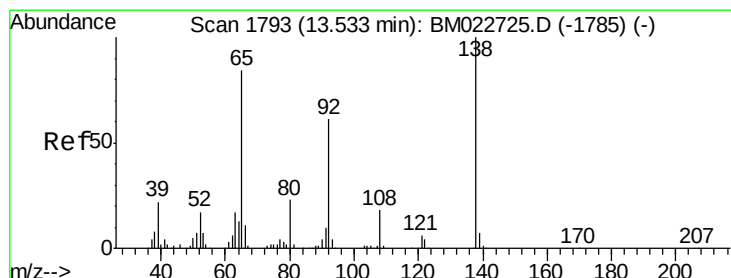
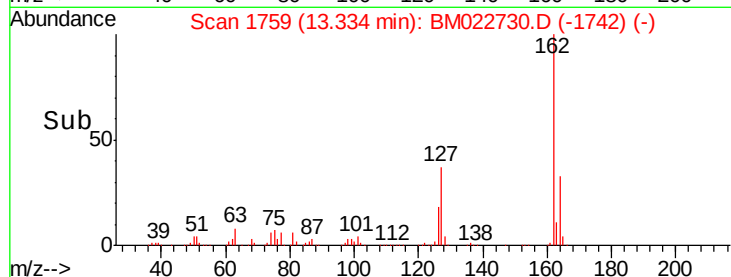
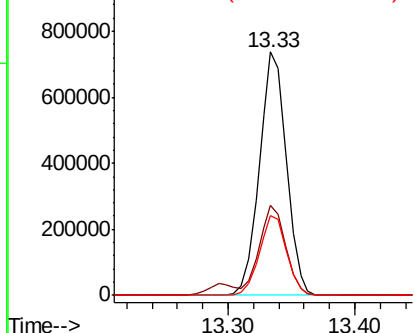
#47
2-Chloronaphthalene
Concen: 38.340 ng
RT: 13.33 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Instrument :
BNA_M
ClientSampleId :
ICVBM092019

Tot Ion:162 Resp: 1094672
Ion Ratio Lower Upper
162 100
127 36.7 29.0 43.6
164 32.8 26.0 39.0

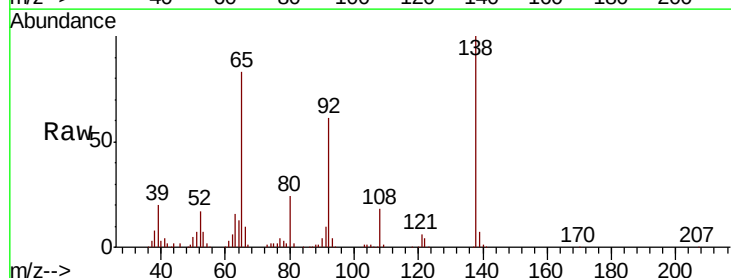


Abundance Ion 162.00 (161.70 to 162.70): E
1000000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

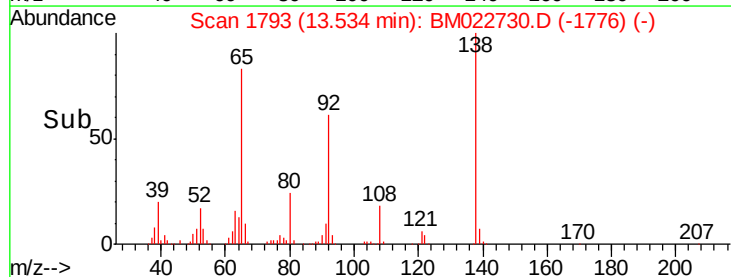
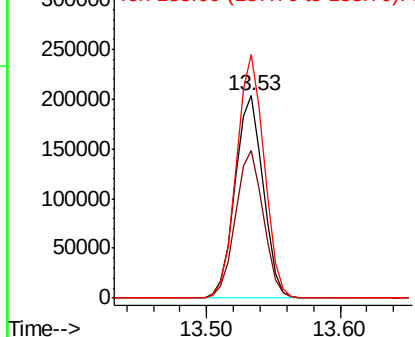


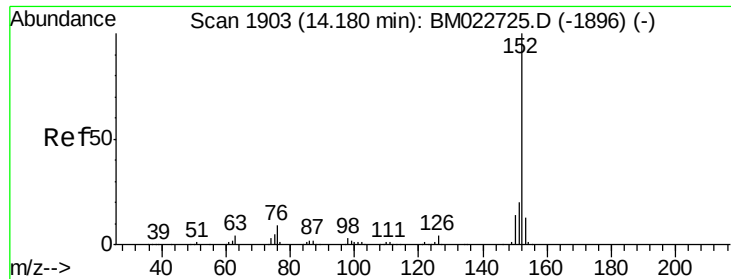
#48
2-Nitroaniline
Concen: 40.010 ng
RT: 13.53 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Tgt Ion: 65 Resp: 297461
Ion Ratio Lower Upper
65 100
92 73.2 58.6 87.8
138 120.3 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: 39.205 ng

RT: 14.18 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

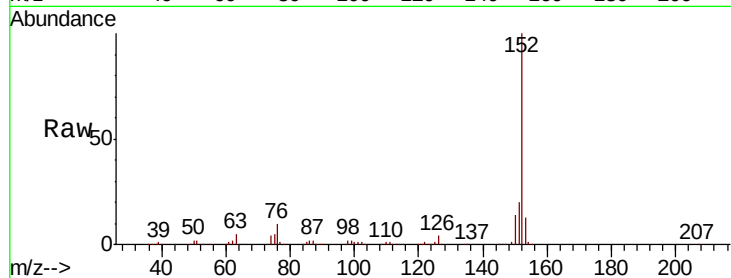
Tot Ion:152 Resp: 1657601

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

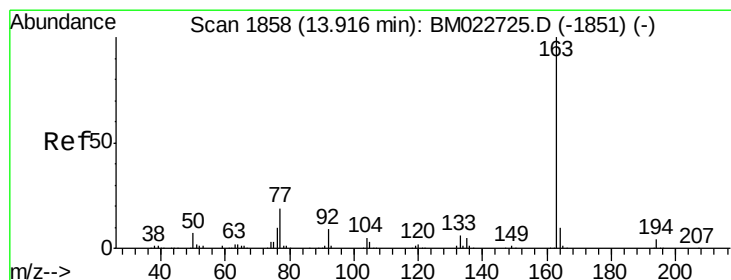
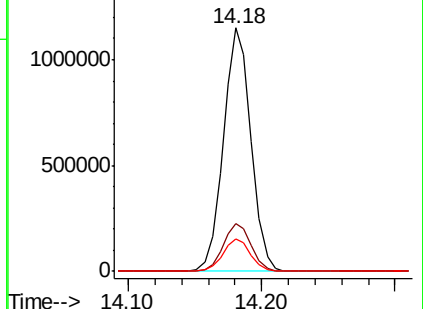
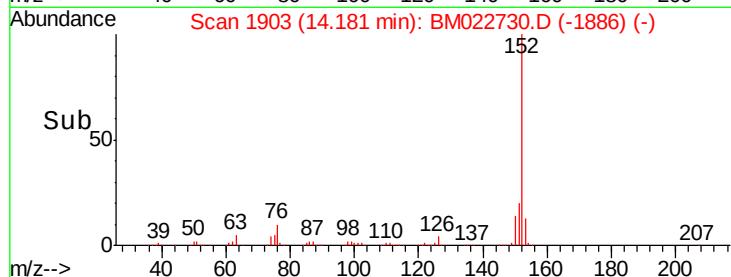
153 13.1 10.5 15.7



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: 39.429 ng

RT: 13.92 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

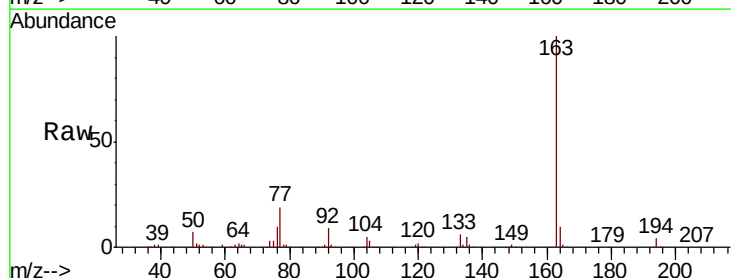
Tgt Ion:163 Resp: 1318872

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

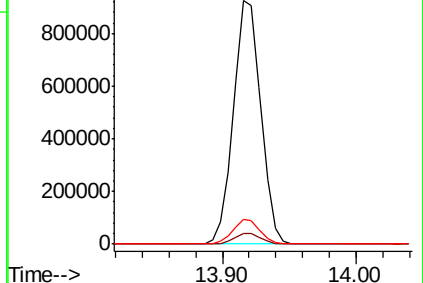
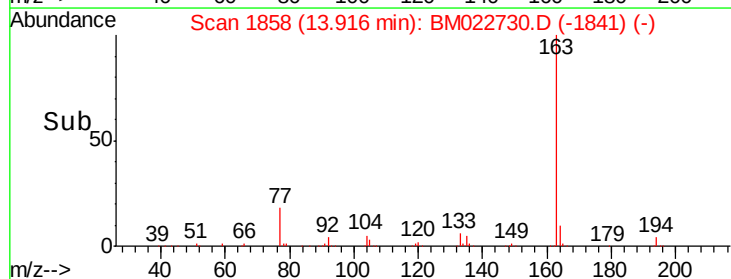
164 10.4 8.2 12.2

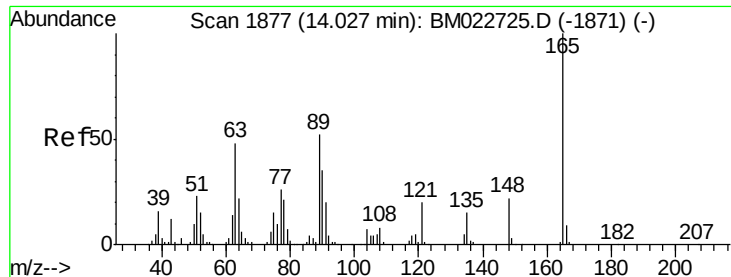


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

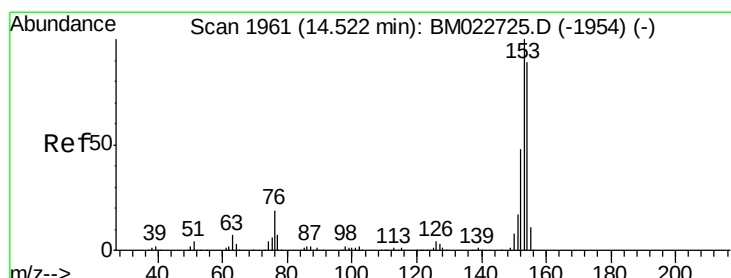
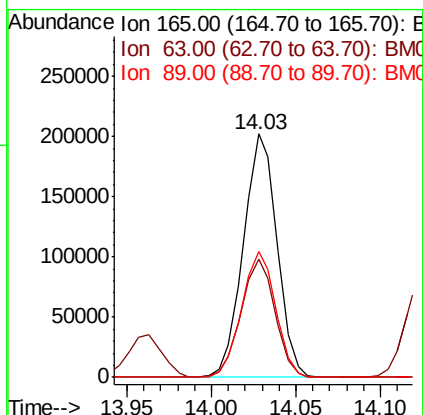
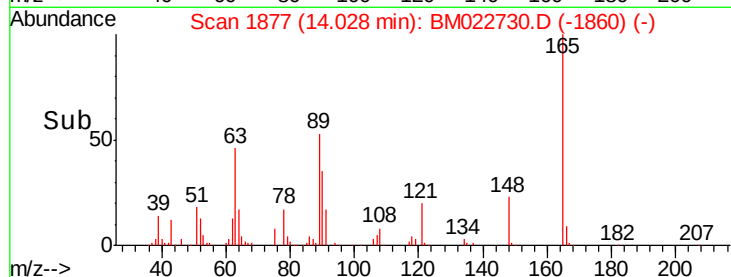
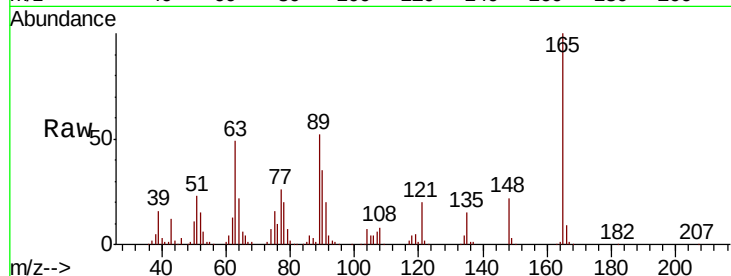




#51
2,6-Dinitrotoluene
Concen: 40.199 ng
RT: 14.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

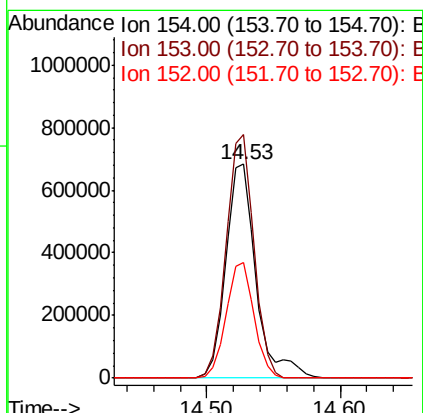
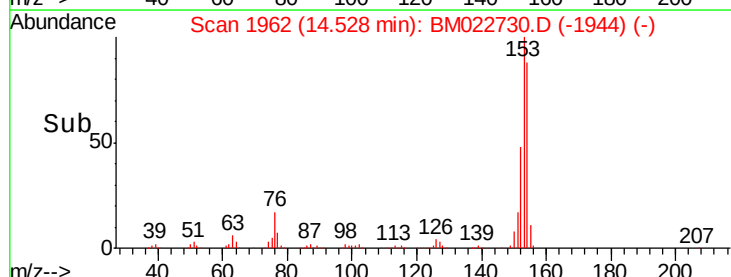
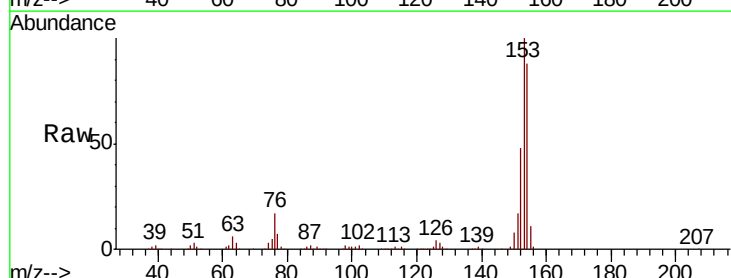
Instrument :
BNA_M
ClientSampleId :
ICVBM092019

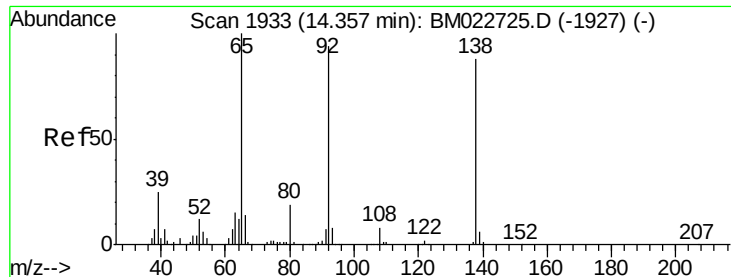
Tot Ion:165 Resp: 281260
Ion Ratio Lower Upper
165 100
63 48.7 38.6 58.0
89 51.9 41.6 62.4



#52
Acenaphthene
Concen: 39.247 ng
RT: 14.53 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Tgt Ion:154 Resp: 1085618
Ion Ratio Lower Upper
154 100
153 113.7 90.0 135.0
152 54.0 42.9 64.3





#53

3-Nitroaniline

Concen: 40.694 ng

RT: 14.36 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

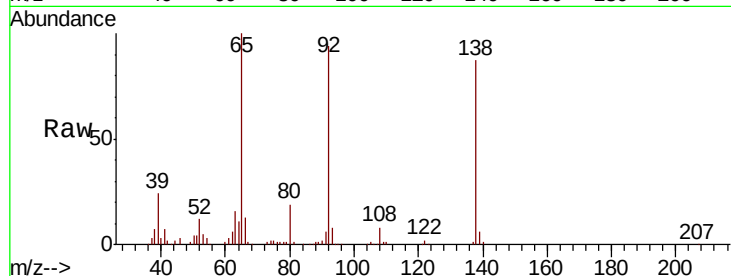
Tot Ion:138 Resp: 327776

Ion Ratio Lower Upper

138 100

108 9.4 7.3 10.9

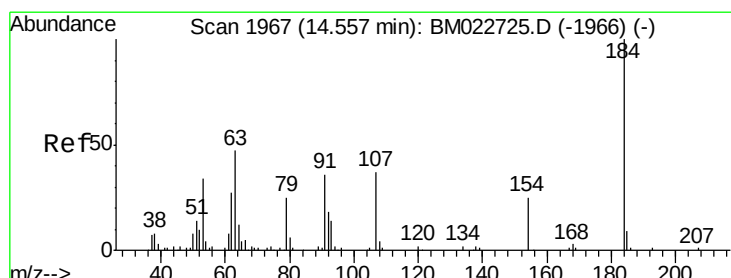
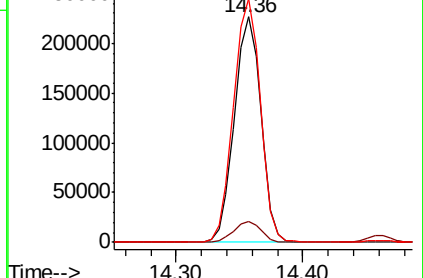
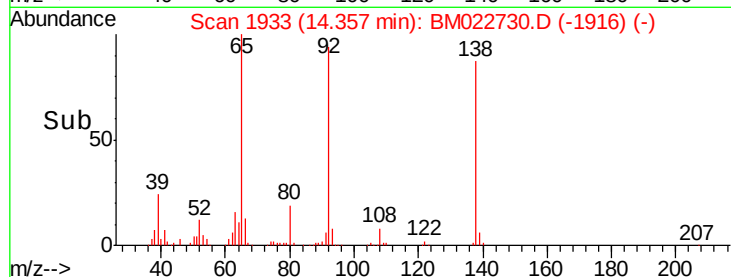
92 108.2 86.3 129.5



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: 39.766 ng

RT: 14.56 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

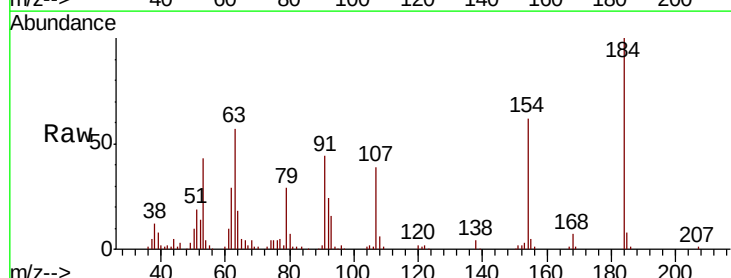
Tgt Ion:184 Resp: 136238

Ion Ratio Lower Upper

184 100

63 57.2 48.5 72.7

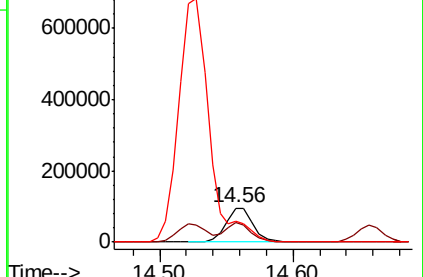
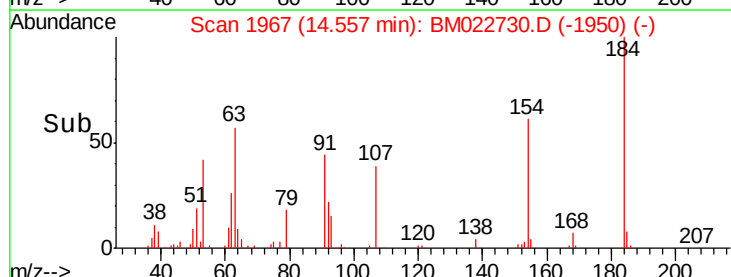
154 61.7 48.1 72.1

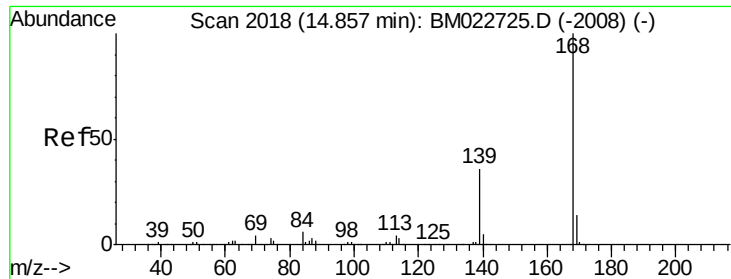


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

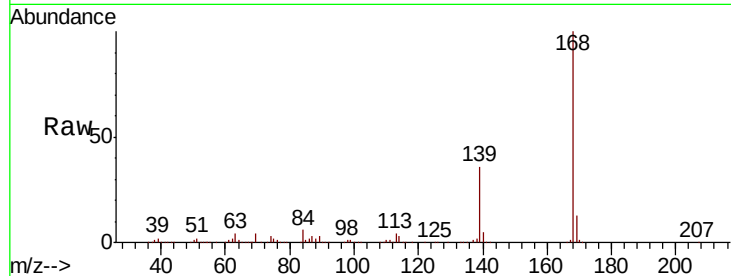




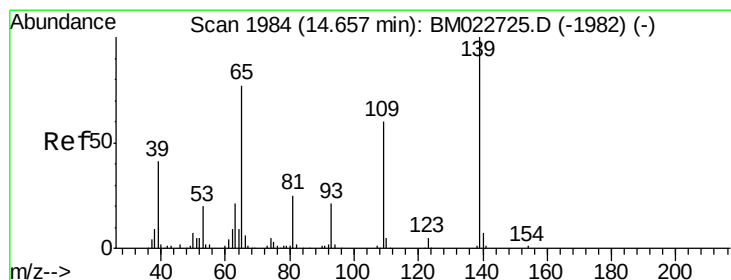
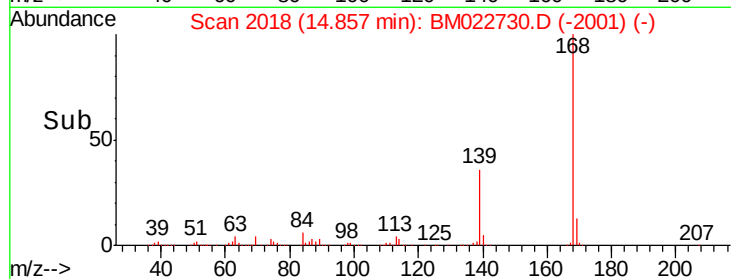
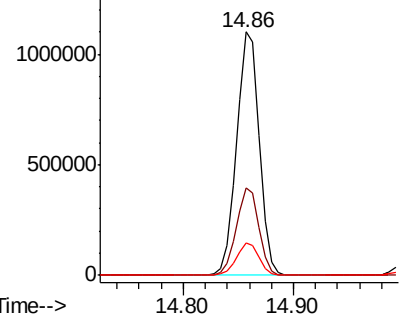
#55
Dibenzenofuran
Concen: 39.253 ng
RT: 14.86 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Instrument :
BNA_M
ClientSampleId :
ICVBM092019

Tot Ion:168 Resp: 1585127
Ion Ratio Lower Upper
168 100
139 36.1 28.8 43.2
169 13.5 10.9 16.3

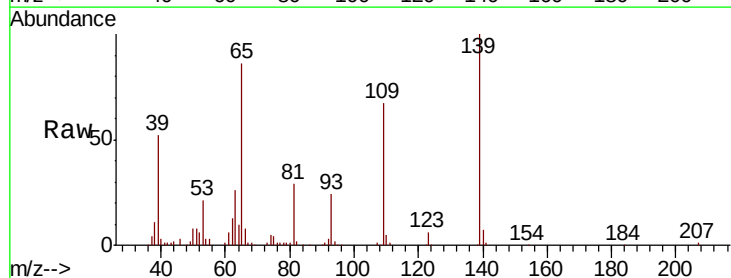


Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

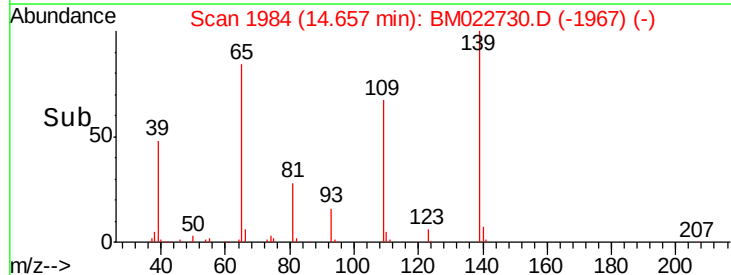
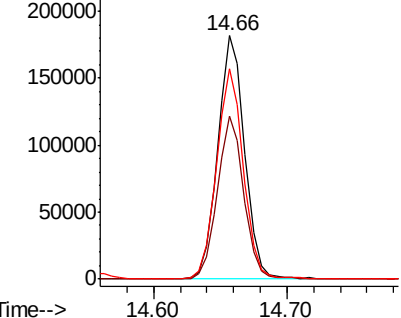


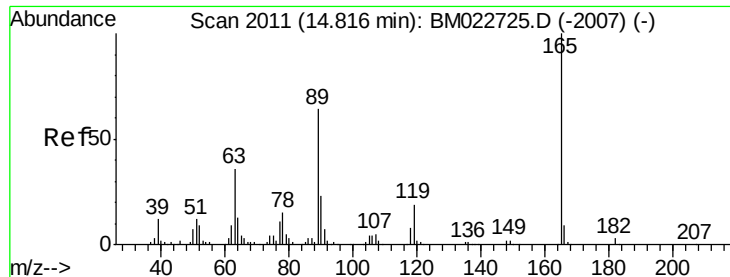
#56
4-Nitrophenol
Concen: 41.198 ng
RT: 14.66 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Tgt Ion:139 Resp: 255055
Ion Ratio Lower Upper
139 100
109 66.9 44.8 84.8
65 86.3 66.6 106.6



Abundance Ion 139.00 (138.70 to 139.70): E
250000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

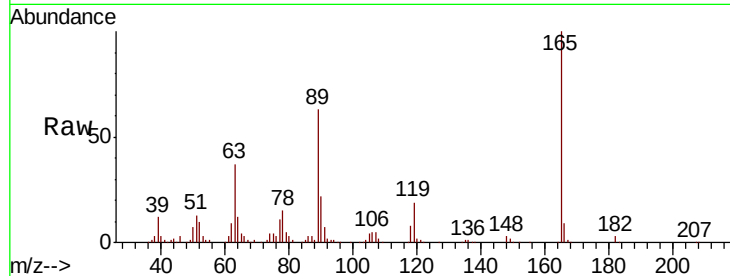




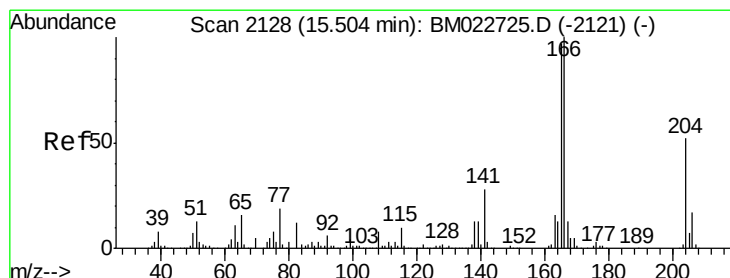
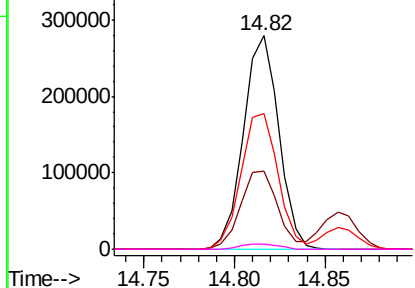
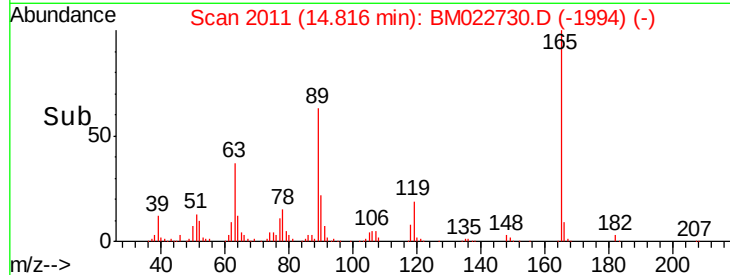
#57
 2,4-Dinitrotoluene
 Concen: 41.322 ng
 RT: 14.82 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM092019

Tot Ion:165 Resp: 378753
 Ion Ratio Lower Upper
 165 100
 63 36.9 30.1 45.1
 89 63.4 52.5 78.7
 182 2.6 2.2 3.4

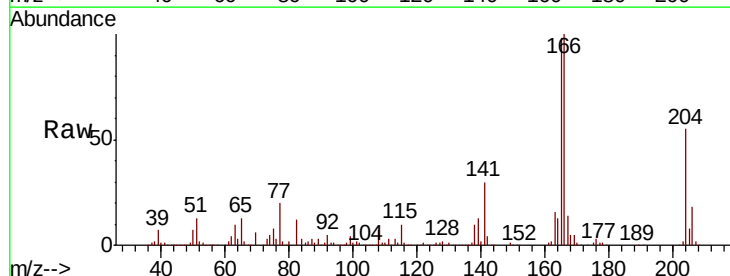


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

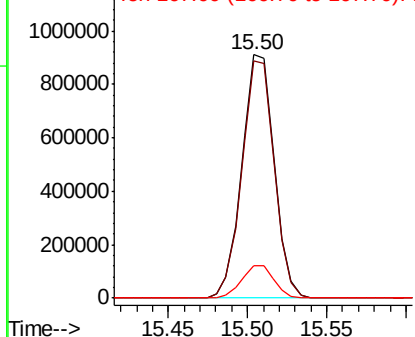
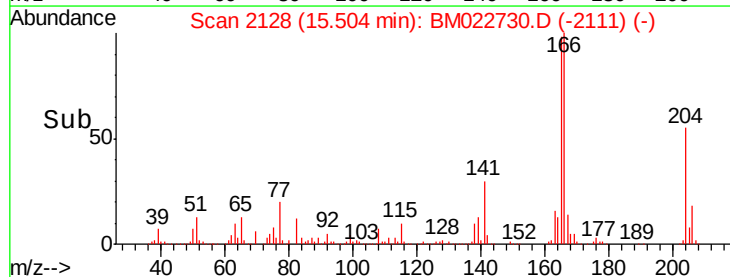


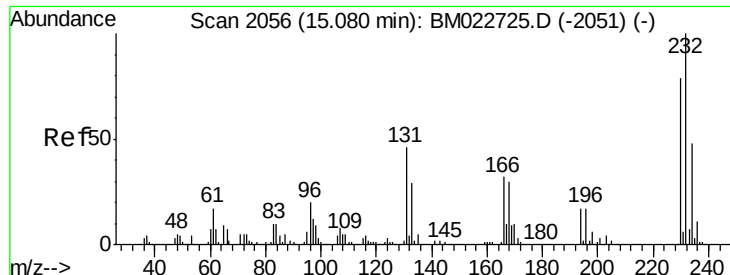
#58
 Fluorene
 Concen: 39.204 ng
 RT: 15.50 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

Tgt Ion:166 Resp: 1286504
 Ion Ratio Lower Upper
 166 100
 165 97.6 77.6 116.4
 167 13.5 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

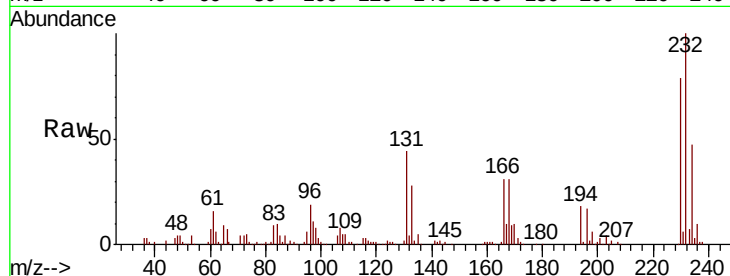




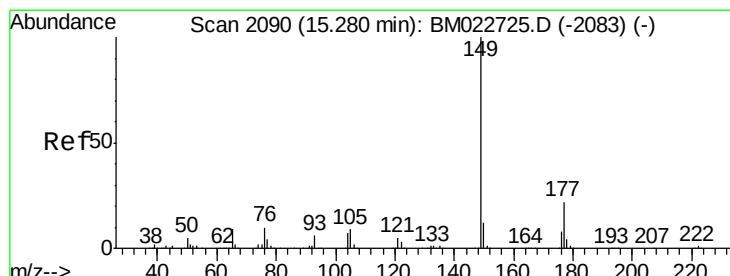
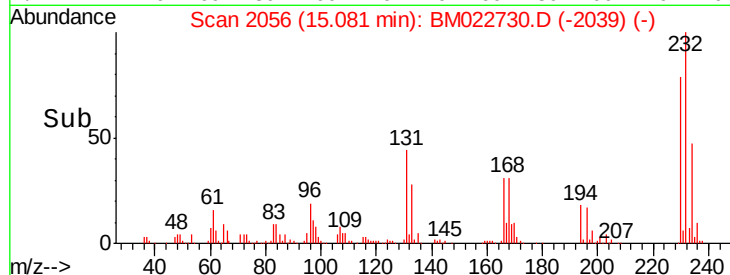
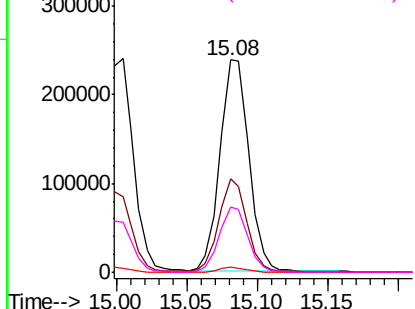
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.478 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM092019

Tot Ion:	232	Resp:	341216
Ion	Ratio	Lower	Upper
232	100		
131	42.7	36.3	54.5
130	2.2	1.8	2.8
166	30.7	25.0	37.4

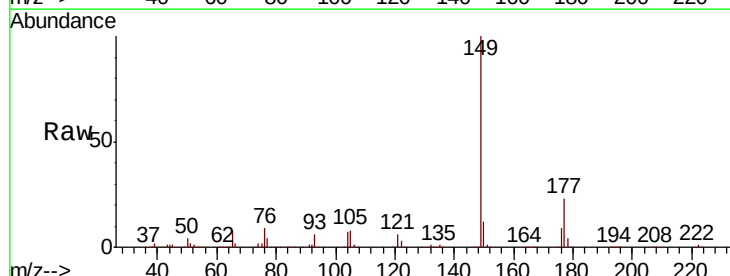


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

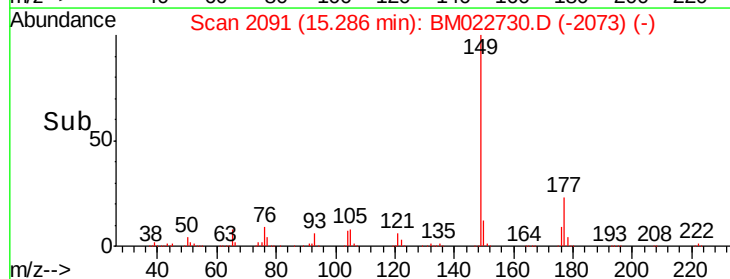
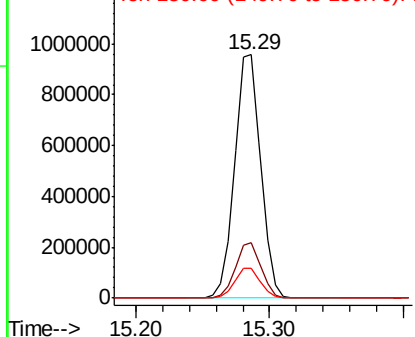


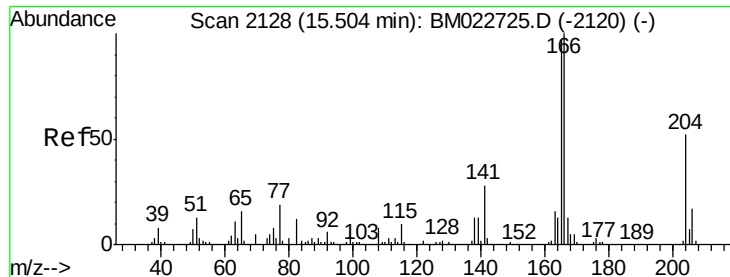
#60
 Diethylphthalate
 Concen: 39.887 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. 0.01 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

Tgt Ion:	149	Resp:	1297263
Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.6	26.4
150	12.2	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

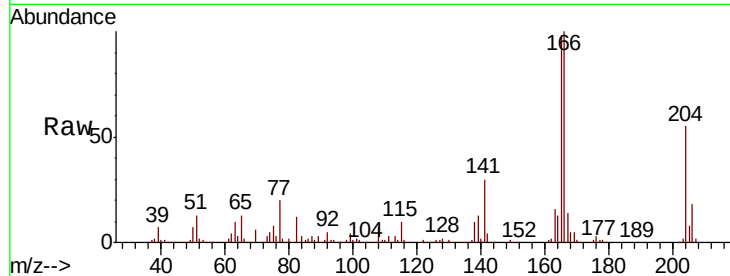




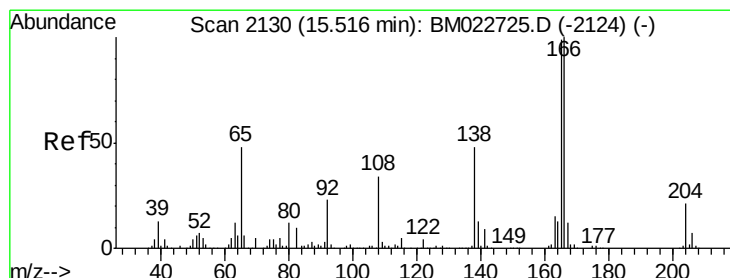
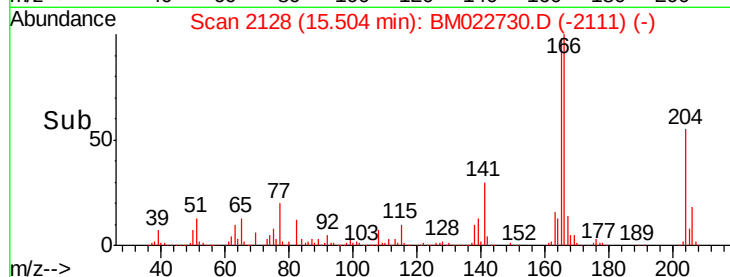
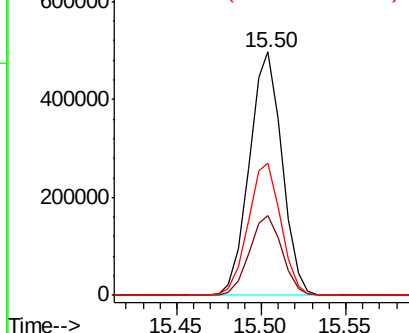
#61
4-Chlorophenyl-phenylether
Concen: 39.667 ng
RT: 15.50 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Instrument :
BNA_M
ClientSampleId :
ICVBM092019

Tot Ion:204 Resp: 668831
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 54.4 42.6 64.0

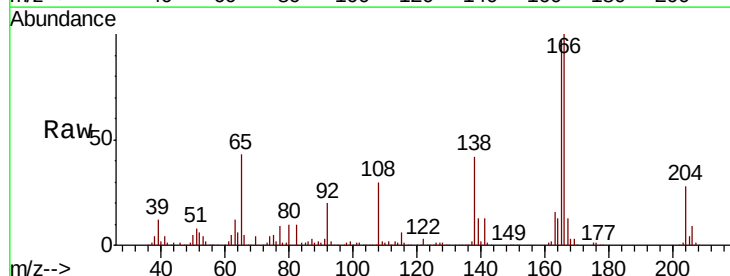


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

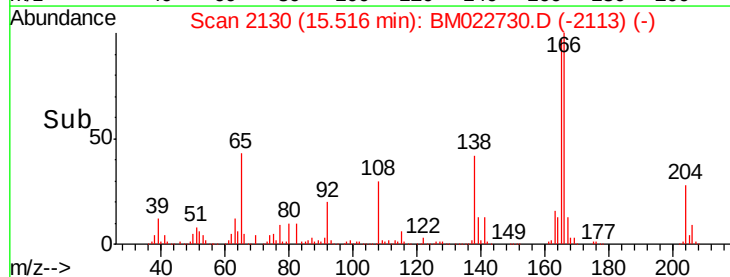
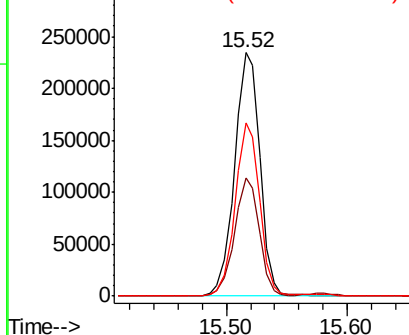


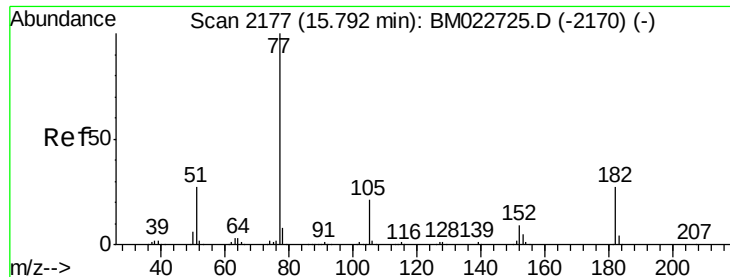
#62
4-Nitroaniline
Concen: 40.589 ng
RT: 15.52 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Tgt Ion:138 Resp: 342761
Ion Ratio Lower Upper
138 100
92 48.5 28.7 68.7
108 71.0 50.3 90.3



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



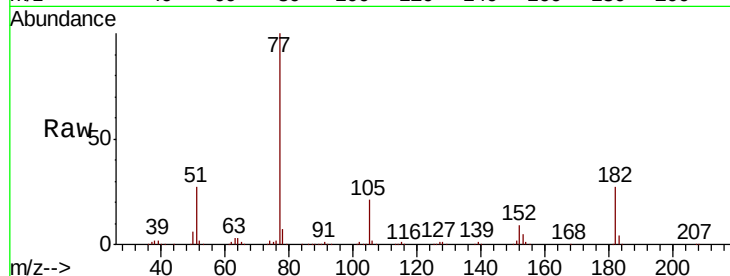


#63
Azobenzene
Concen: 39.106 ng
RT: 15.79 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Instrument :
BNA_M
ClientSampleId :
ICVBM092019

Tot Ion: 77 Resp: 1148587

Ion	Ratio	Lower	Upper
77	100		
182	26.9	7.0	47.0
105	20.5	0.9	40.9
51	27.1	6.6	46.6

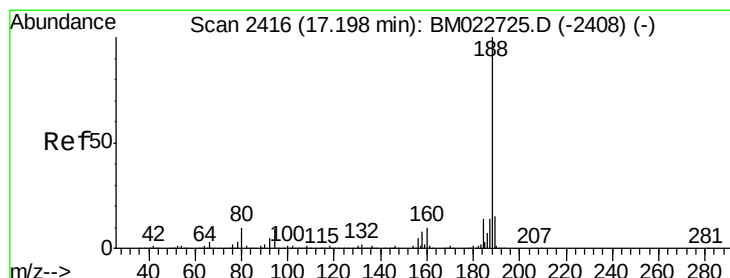
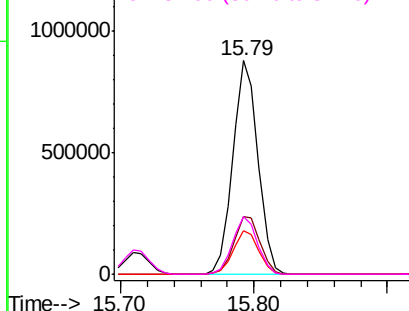
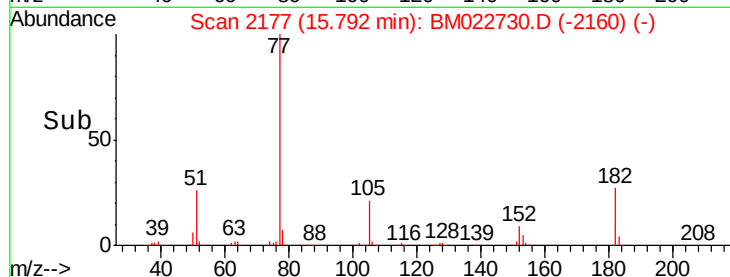


Abundance Ion 77.00 (76.70 to 77.70): BM022730.D (-2160) (-)

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

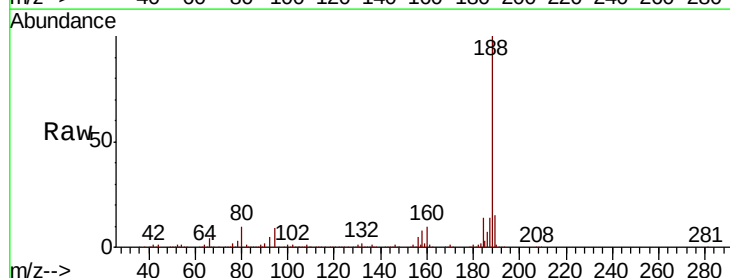
Ion 51.00 (50.70 to 51.70): BM022730.D (-2160) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Tgt Ion: 188 Resp: 933216

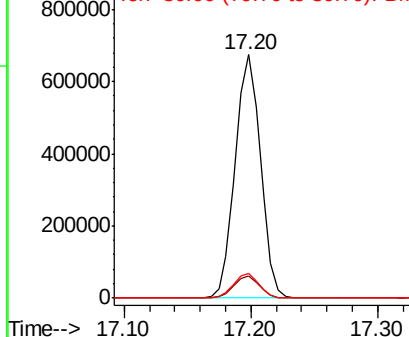
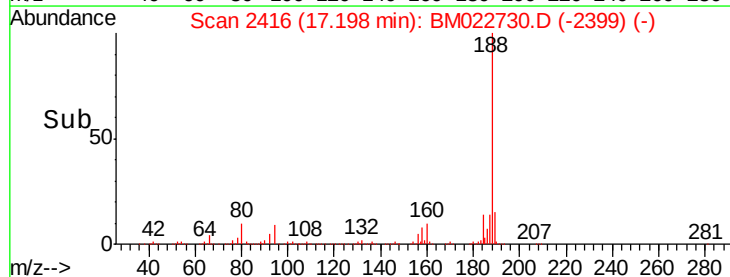
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	9.9	7.8	11.8

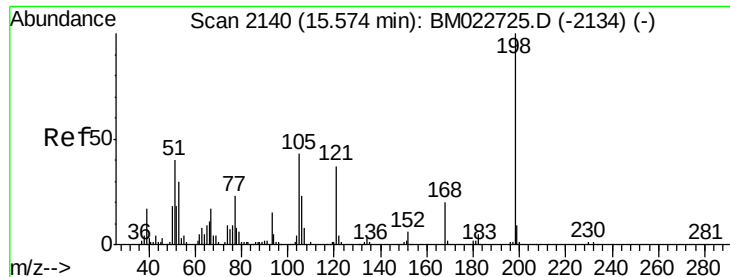


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM022730.D (-2399) (-)

Ion 80.00 (79.70 to 80.70): BM022730.D (-2399) (-)

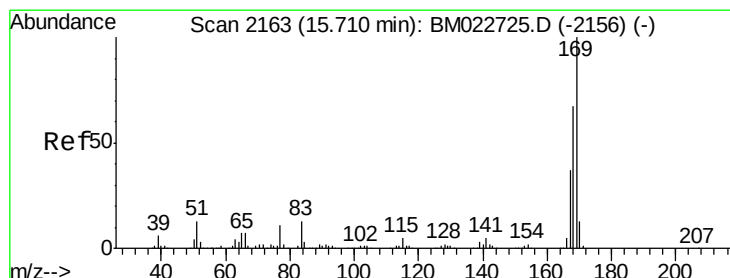
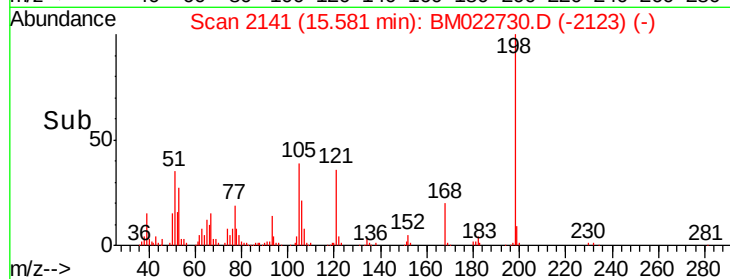
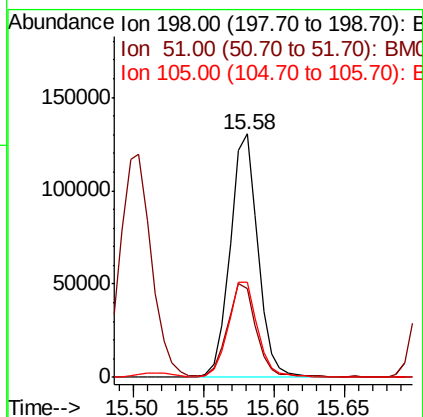
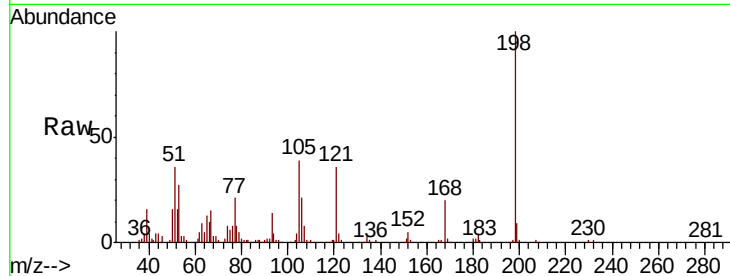




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.331 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

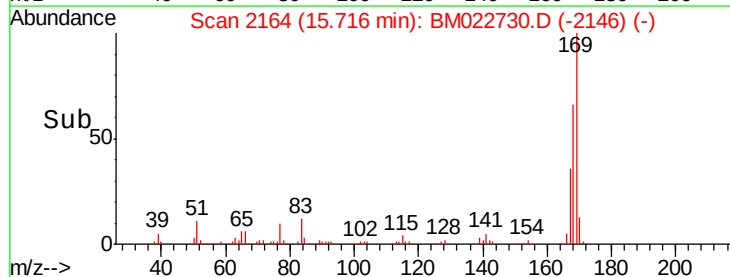
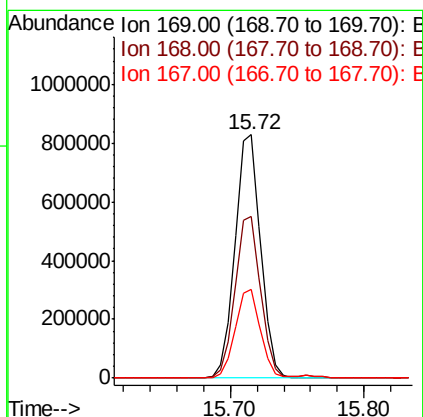
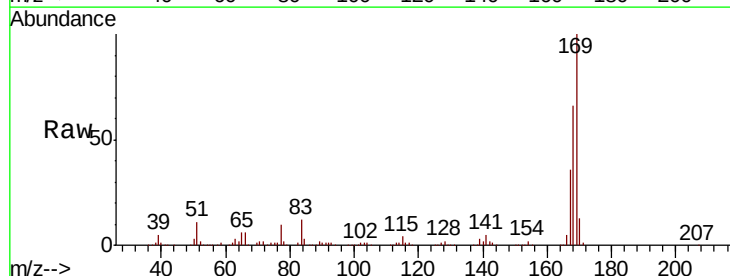
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM092019

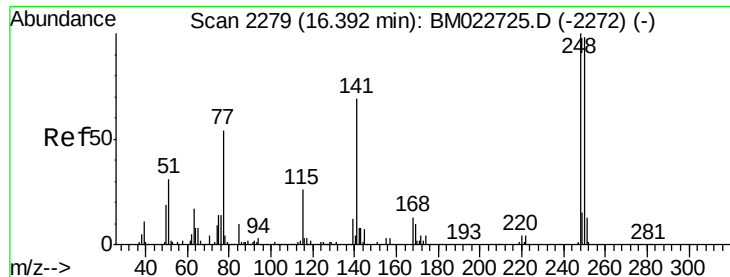
Tot Ion:198 Resp: 177952
 Ion Ratio Lower Upper
 198 100
 51 36.3 21.0 61.0
 105 38.8 22.5 62.5



#66
 n-Nitrosodiphenylamine
 Concen: 38.744 ng
 RT: 15.72 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

Tgt Ion:169 Resp: 1104583
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.4 80.2
 167 36.2 29.3 43.9

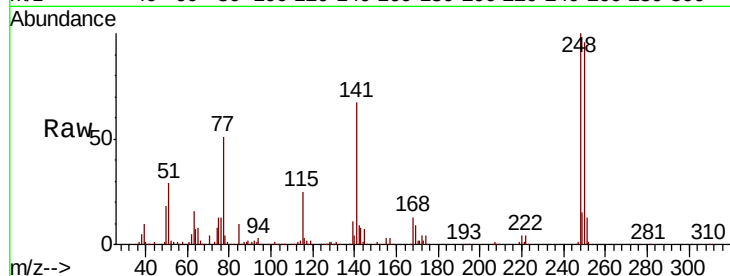




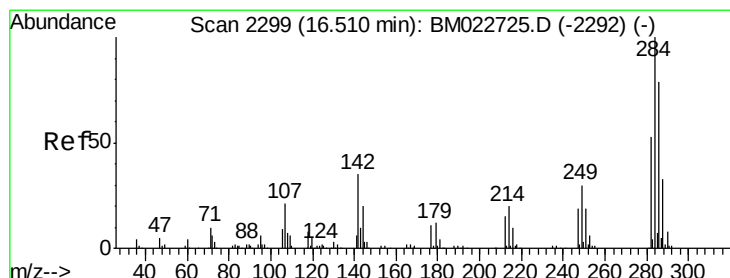
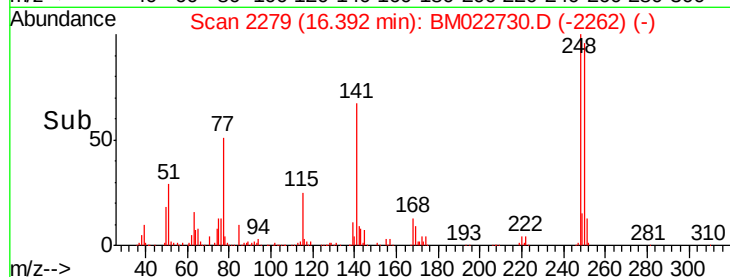
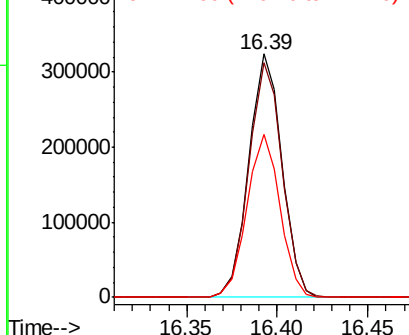
#67
4-Bromophenyl-phenylether
Concen: 39.783 ng
RT: 16.39 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Instrument :
BNA_M
ClientSampleId :
ICVBM092019

Tot Ion:248 Resp: 412935
Ion Ratio Lower Upper
248 100
250 96.4 78.4 117.6
141 67.1 55.1 82.7

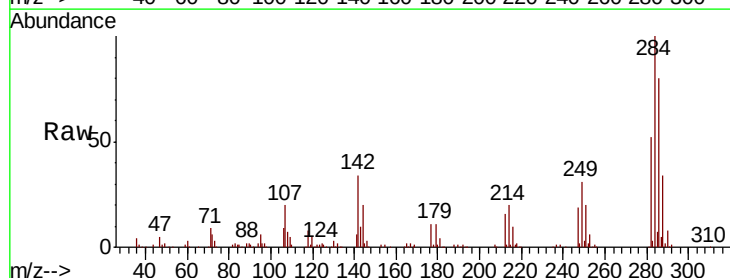


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

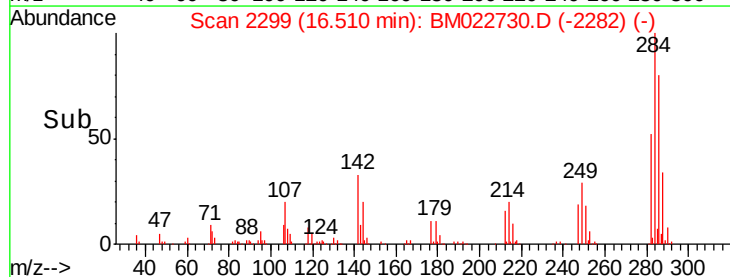
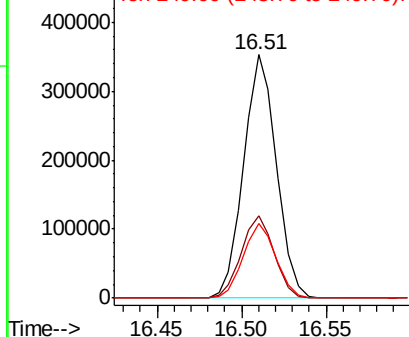


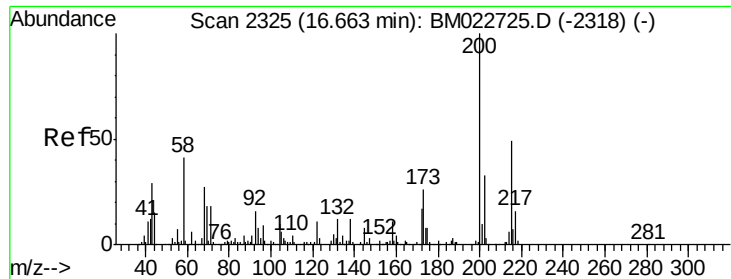
#68
Hexachlorobenzene
Concen: 39.343 ng
RT: 16.51 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BM022730.D
Acq: 20 Sep 2019 16:38

Tgt Ion:284 Resp: 476233
Ion Ratio Lower Upper
284 100
142 34.1 27.8 41.8
249 30.9 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: 40.211 ng

RT: 16.66 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

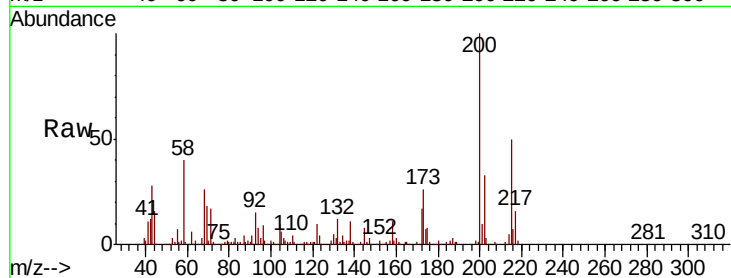
Tot Ion:200 Resp: 372678

Ion Ratio Lower Upper

200 100

173 26.3 5.8 45.8

215 49.8 29.2 69.2

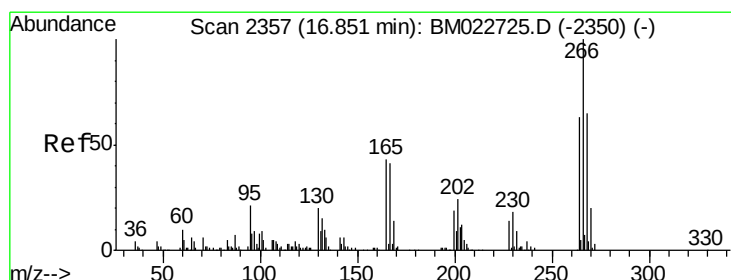
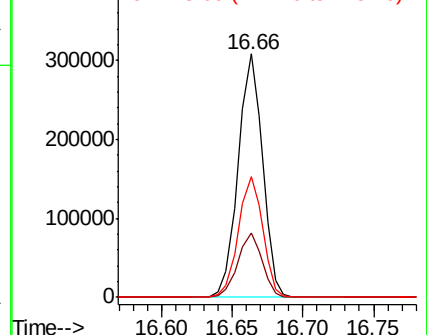
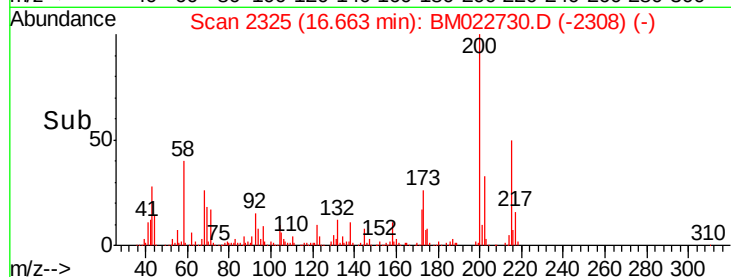


Abundance

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: 40.838 ng

RT: 16.85 min Scan# 2357

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

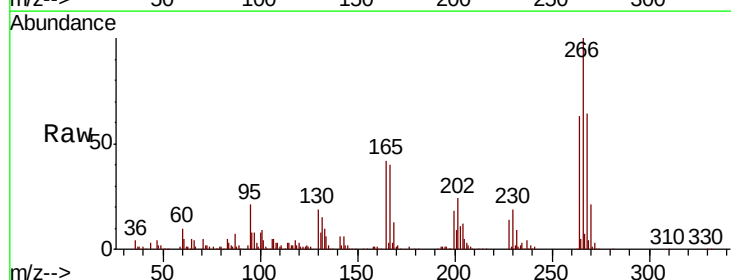
Tgt Ion:266 Resp: 263627

Ion Ratio Lower Upper

266 100

268 64.5 51.8 77.6

264 63.0 50.2 75.4

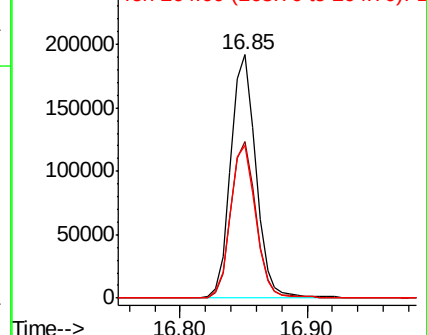
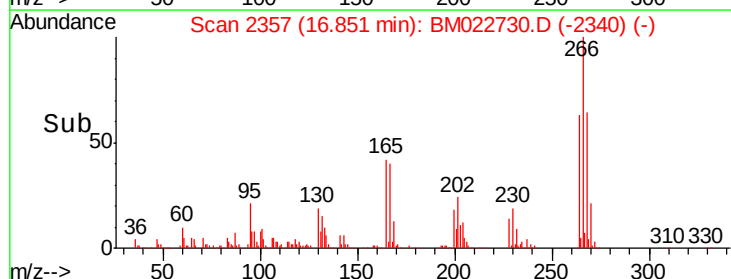


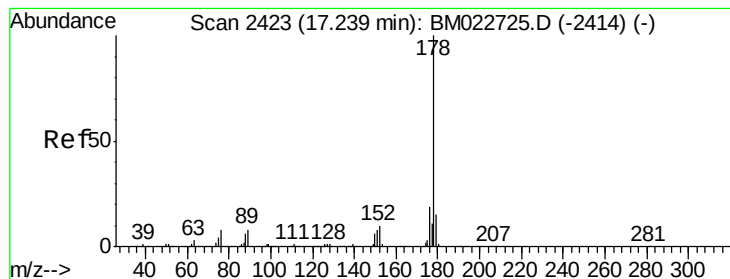
Abundance

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: 38.641 ng

RT: 17.24 min Scan# 2423

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

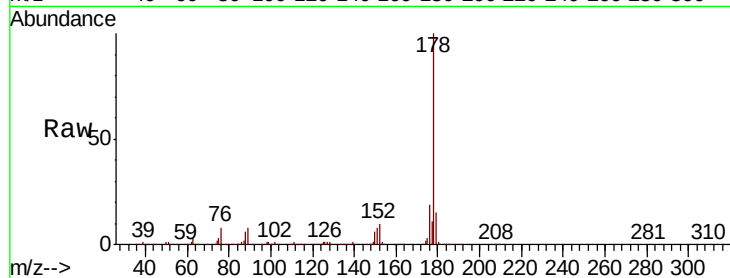
Tot Ion:178 Resp: 2034722

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

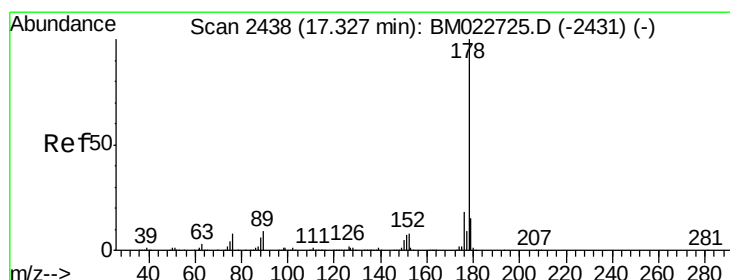
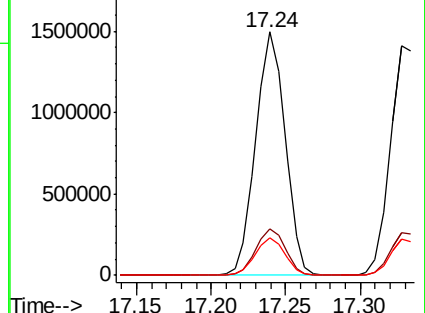
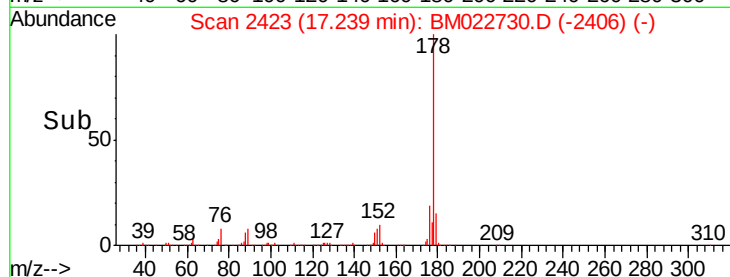
179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.064 ng

RT: 17.33 min Scan# 2438

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

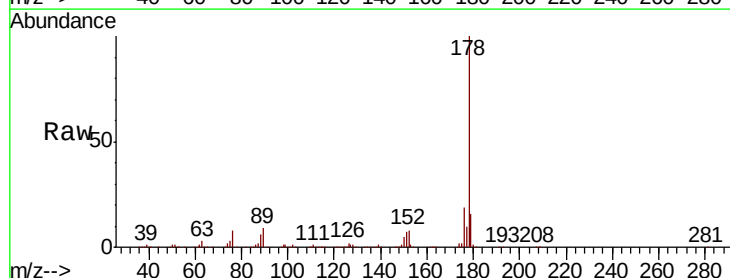
Tgt Ion:178 Resp: 1993554

Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

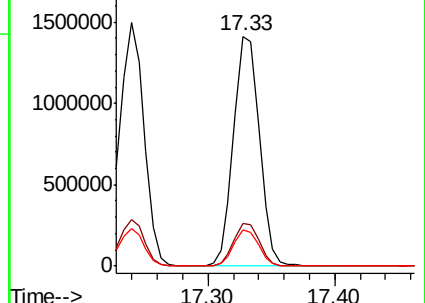
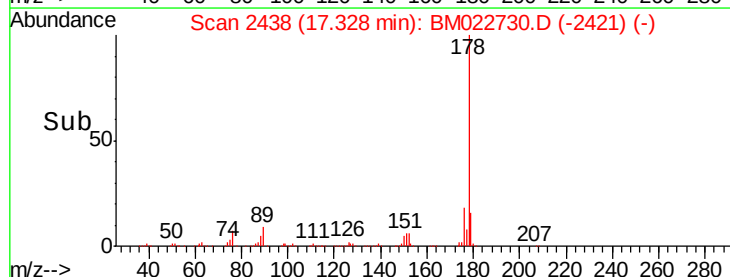
179 15.6 12.2 18.4

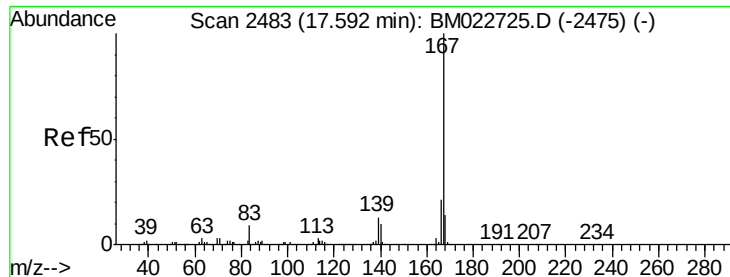


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



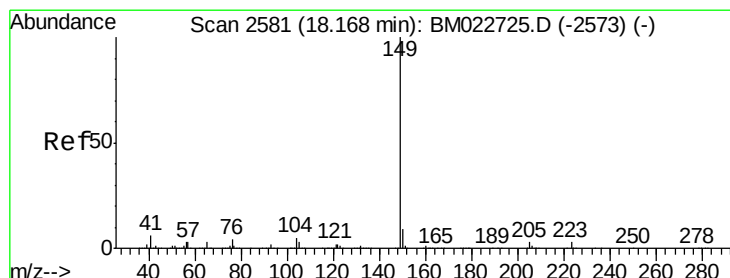
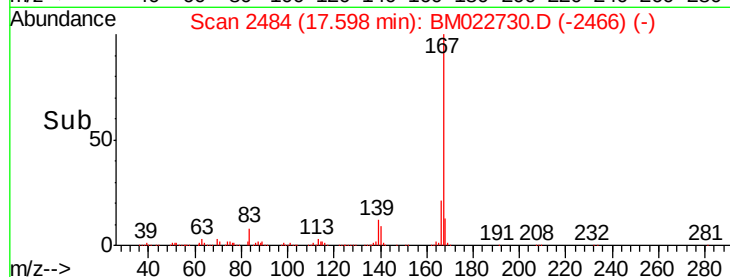
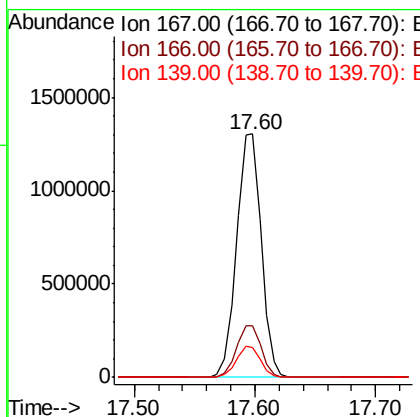
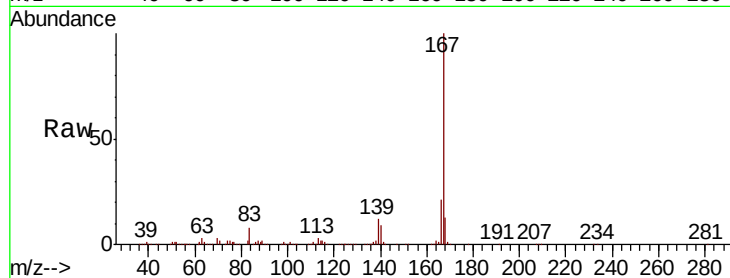


#73
 Carbazole
 Concen: 39.169 ng
 RT: 17.60 min Scan# 2484
 Delta R.T. 0.01 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM092019

Tot Ion:167 Resp: 1860093

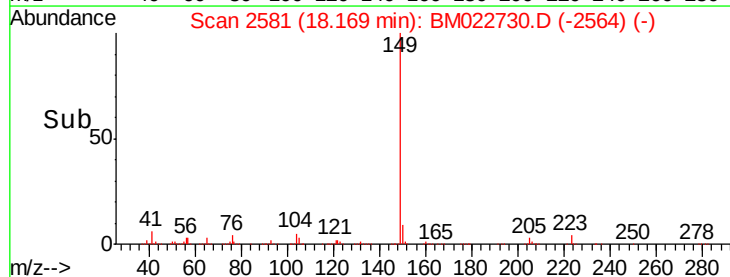
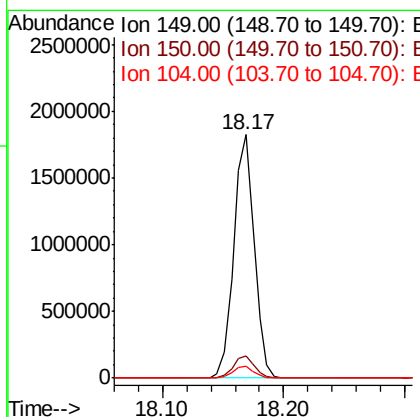
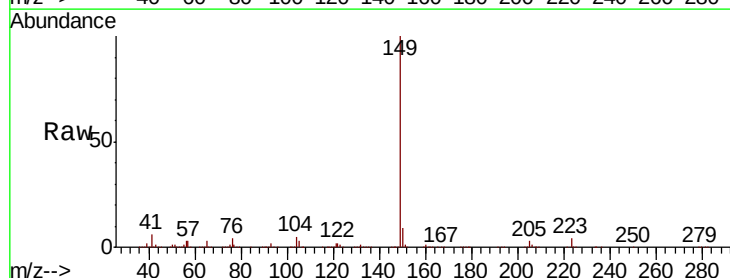
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.4
139	12.2	10.1	15.1

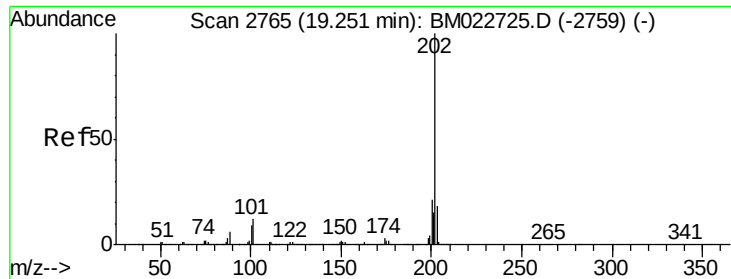


#74
 Di-n-butylphthalate
 Concen: 40.131 ng
 RT: 18.17 min Scan# 2581
 Delta R.T. 0.00 min
 Lab File: BM022730.D
 Acq: 20 Sep 2019 16:38

Tgt Ion:149 Resp: 2160988

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.7	3.8	5.6





#75

Fluoranthene

Concen: 39.935 ng

RT: 19.26 min Scan# 2766

Delta R.T. 0.01 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

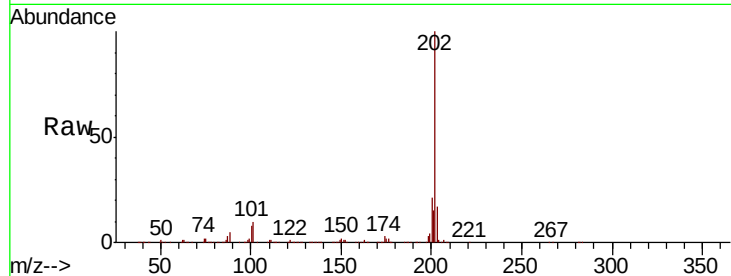
Tot Ion:202 Resp: 2372935

Ion Ratio Lower Upper

202 100

101 10.3 0.0 32.1

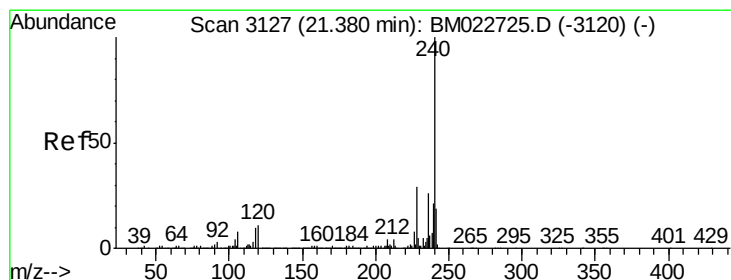
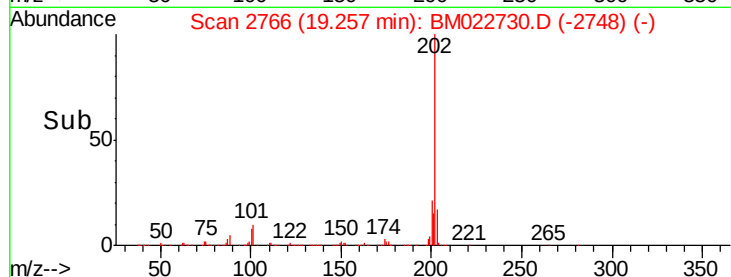
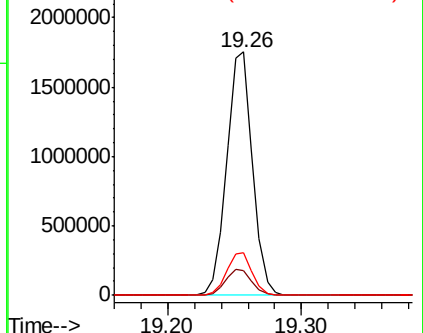
203 17.5 0.0 37.7



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: BM022730.D

Acq: 20 Sep 2019 16:38

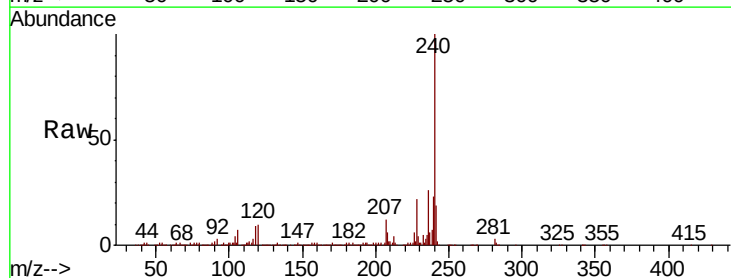
Tgt Ion:240 Resp: 966138

Ion Ratio Lower Upper

240 100

120 10.3 8.8 13.2

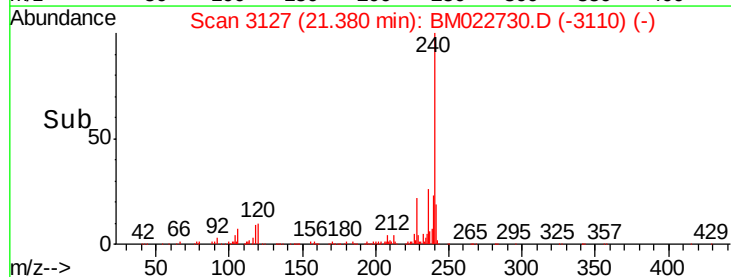
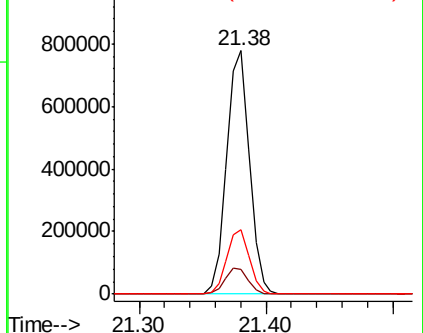
236 26.3 20.8 31.2

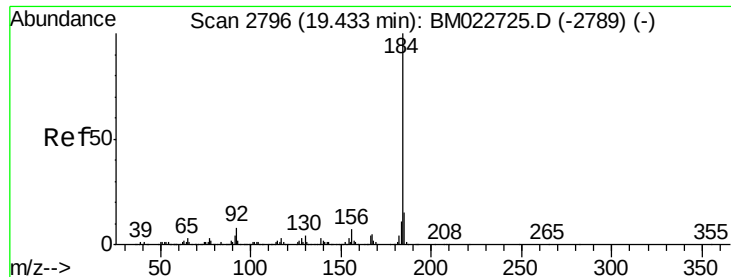


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.554 ng

RT: 19.43 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

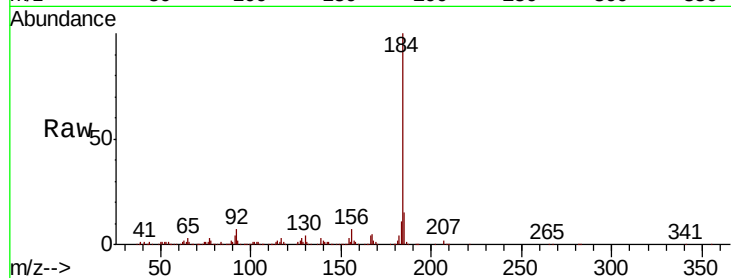
BNA_M

ClientSampleId :

ICVBM092019

Tot Ion:184 Resp: 1101368

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.6	17.4
183	11.4	9.1	13.7

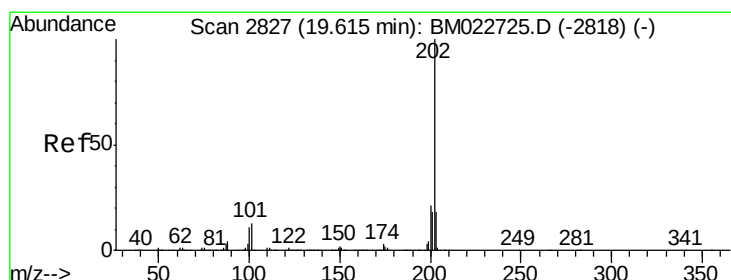
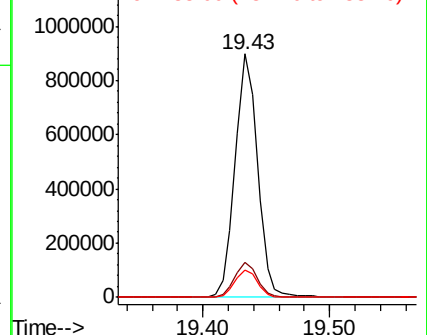
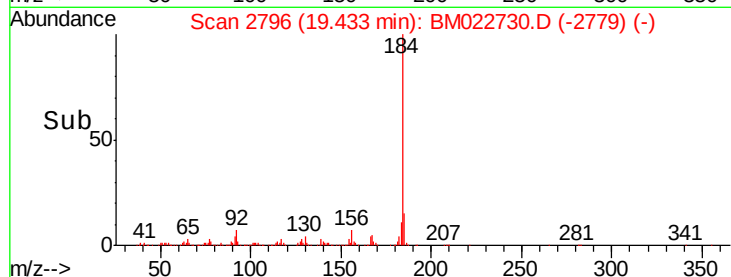


Abundance

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: 38.907 ng

RT: 19.62 min Scan# 2827

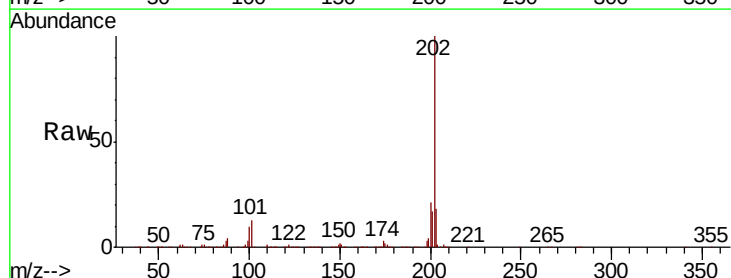
Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Tgt Ion:202 Resp: 2463416

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.6	14.1	21.1

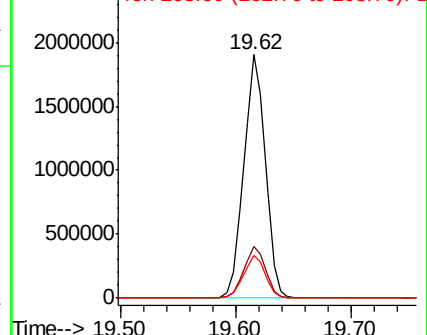
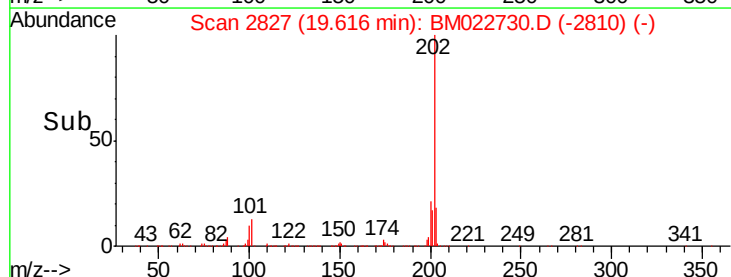


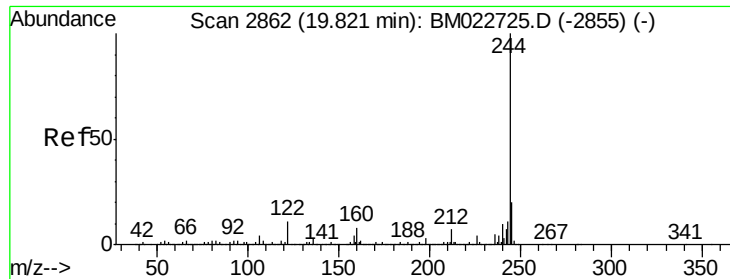
Abundance

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: 78.530 ng

RT: 19.82 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

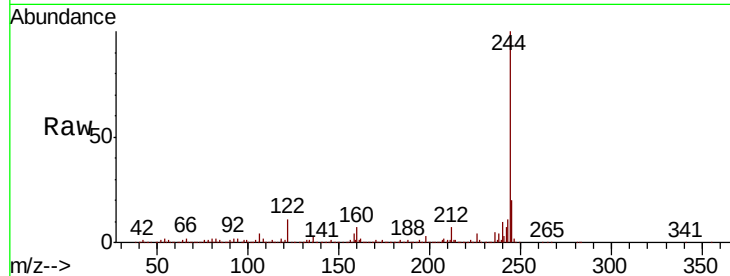
Tot Ion:244 Resp: 3918204

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

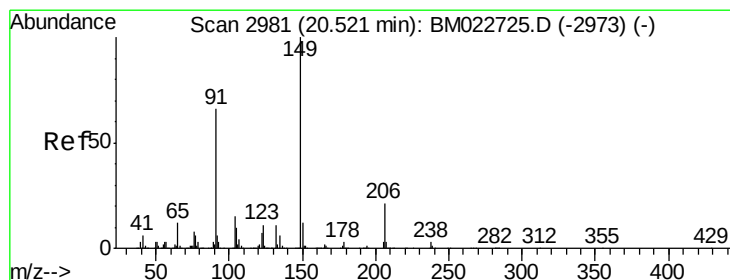
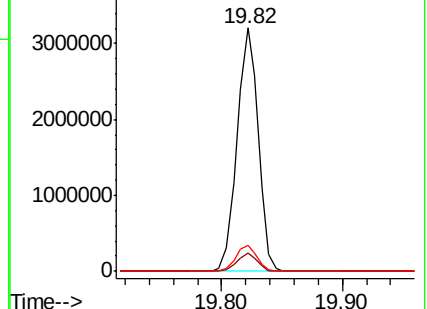
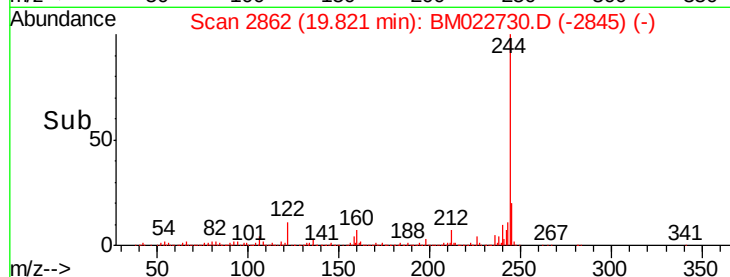
122 10.8 9.0 13.4



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: 40.021 ng

RT: 20.52 min Scan# 2980

Delta R.T. -0.01 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

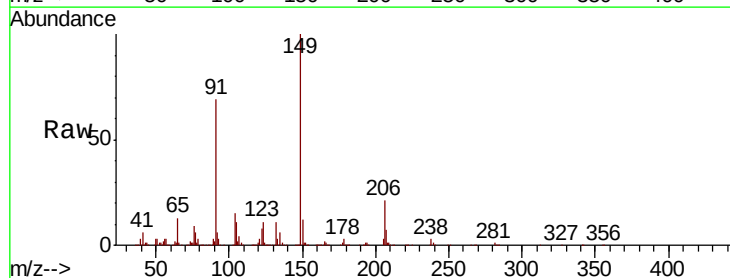
Tgt Ion:149 Resp: 963044

Ion Ratio Lower Upper

149 100

91 68.8 53.0 79.4

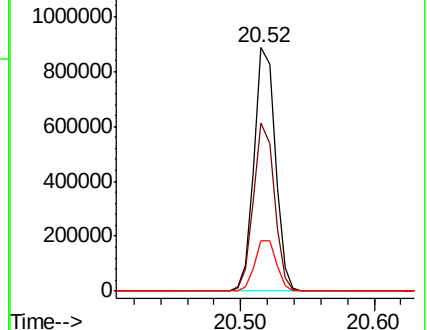
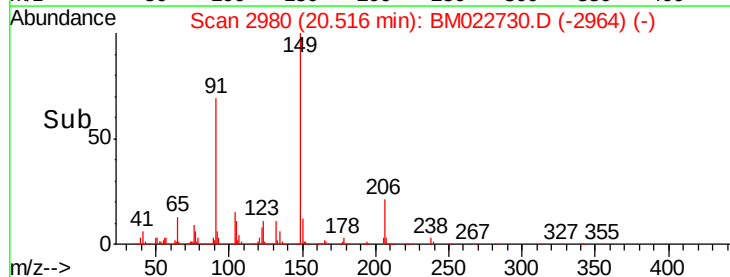
206 20.8 16.9 25.3

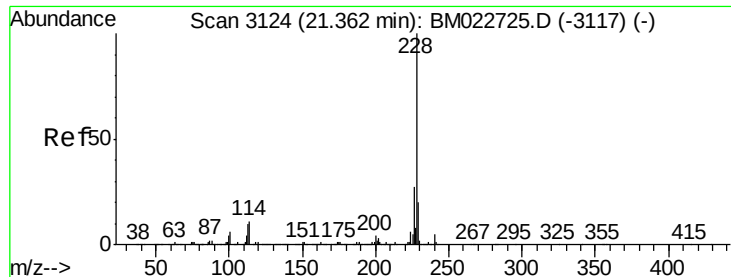


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.161 ng

RT: 21.36 min Scan# 3124

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

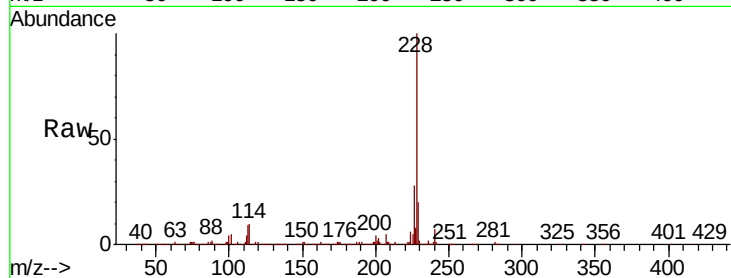
BNA_M

ClientSampleId :

ICVBM092019

Tot Ion:228 Resp: 2452136

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	20.0	15.9	23.9

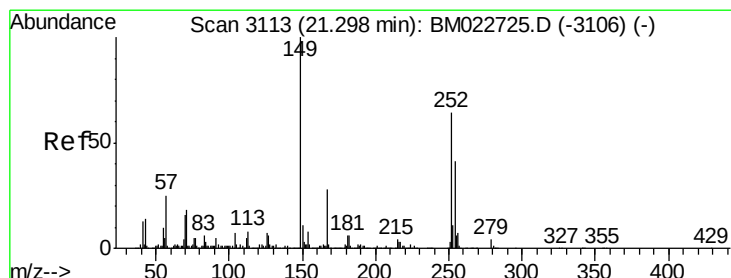
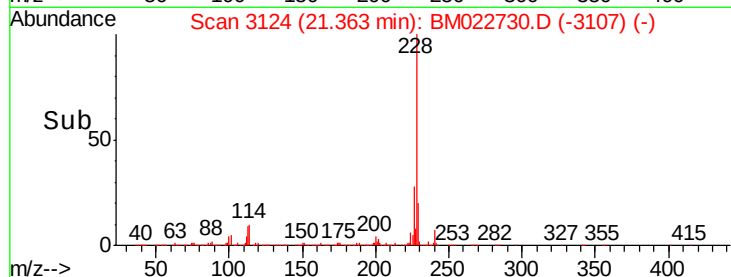
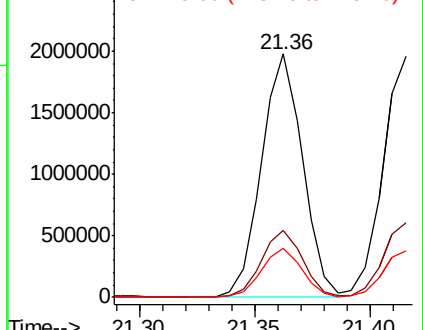


Abundance

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: 40.787 ng

RT: 21.29 min Scan# 3112

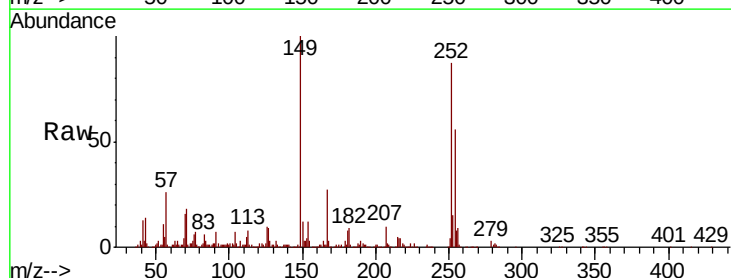
Delta R.T. -0.01 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Tgt Ion:252 Resp: 905703

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.7	77.5
126	11.3	8.3	12.5

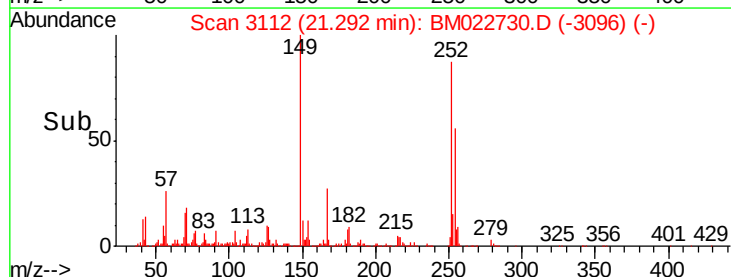
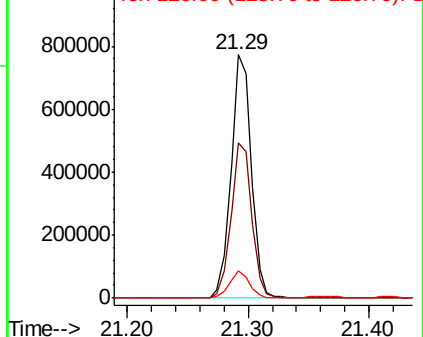


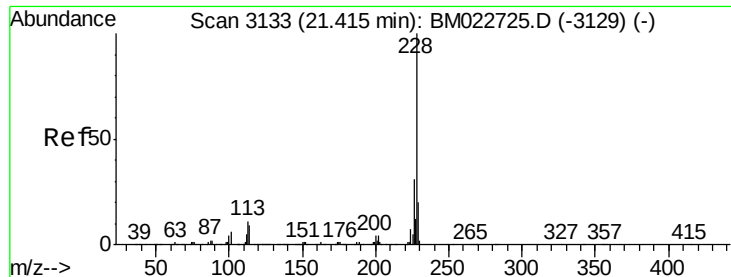
Abundance

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: 38.892 ng

RT: 21.42 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

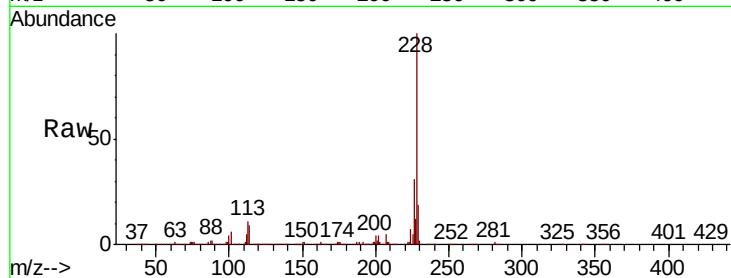
Tot Ion:228 Resp: 2360981

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

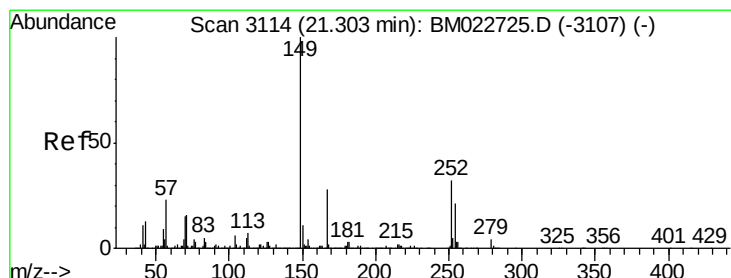
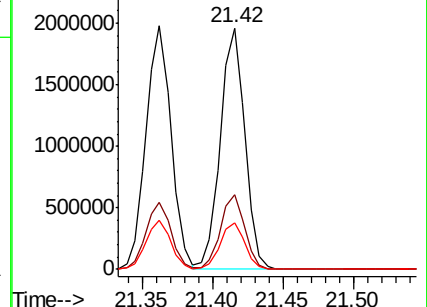
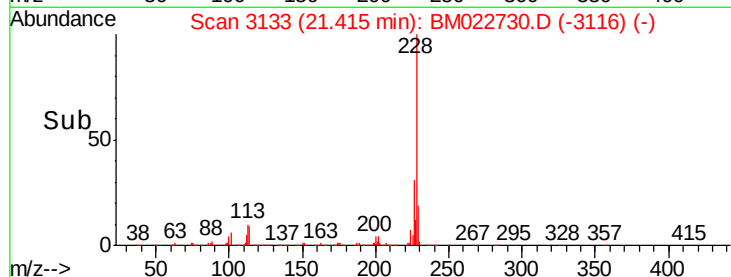
229 19.5 15.9 23.9



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: 40.305 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

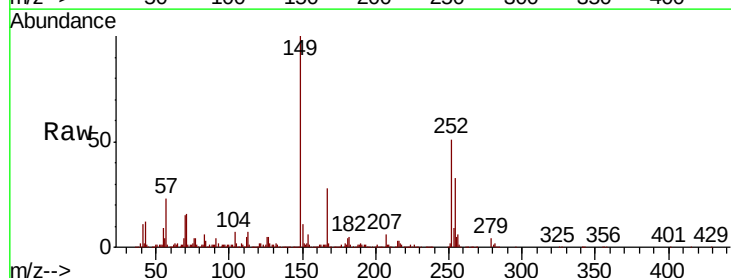
Tgt Ion:149 Resp: 1437041

Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

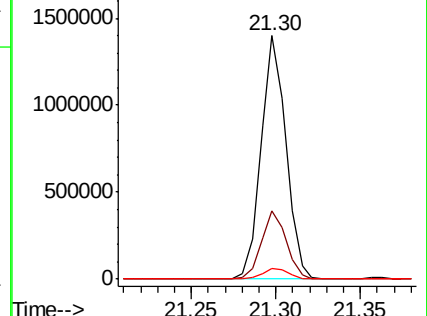
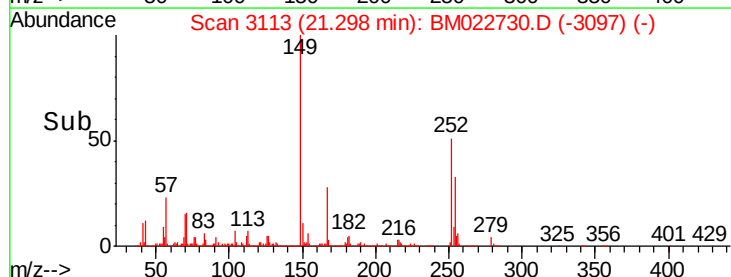
279 4.3 3.4 5.0

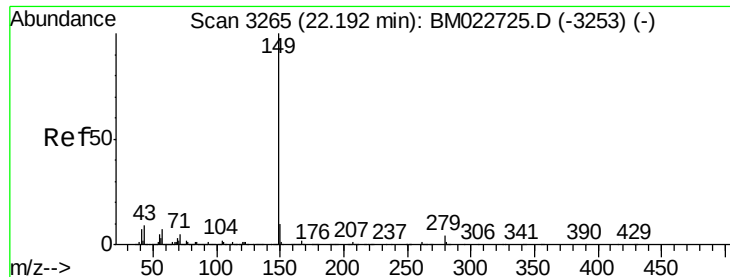


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.027 ng

RT: 22.19 min Scan# 3264

Delta R.T. -0.01 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

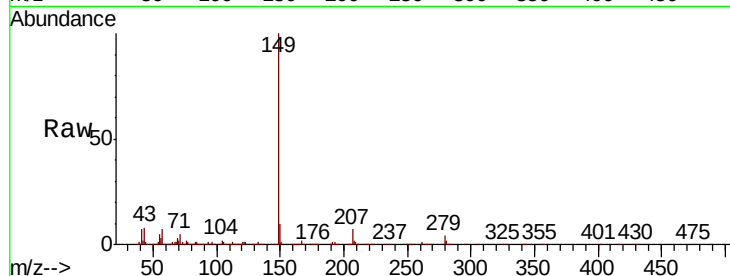
Tot Ion:149 Resp: 2331324

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

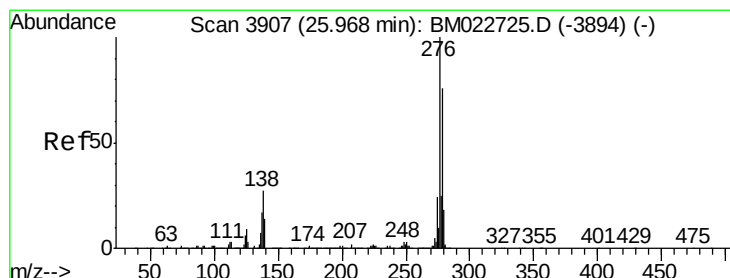
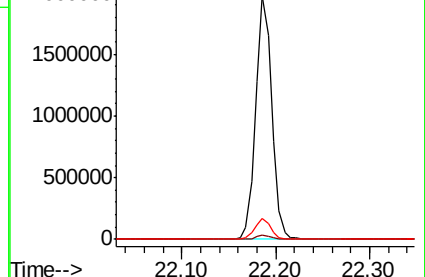
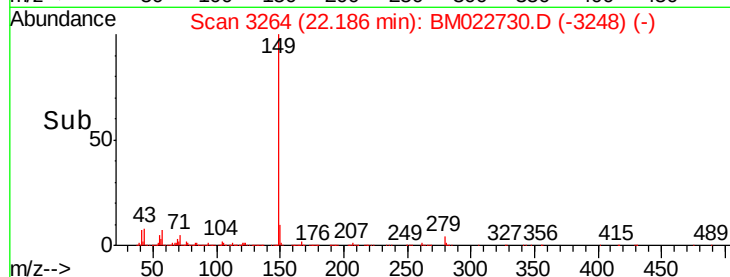
43 8.6 7.4 11.0



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: 40.174 ng

RT: 25.97 min Scan# 3907

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

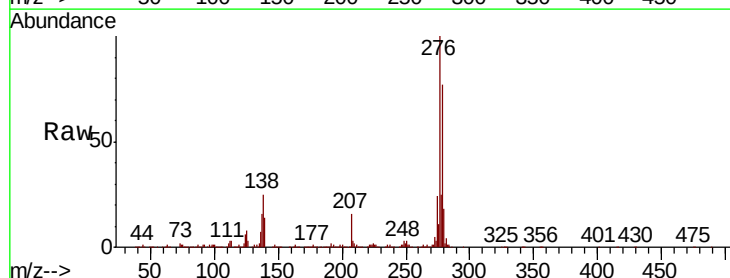
Tgt Ion:276 Resp: 2910823

Ion Ratio Lower Upper

276 100

138 25.2 0.0 0.0#

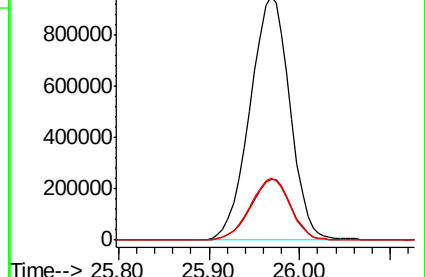
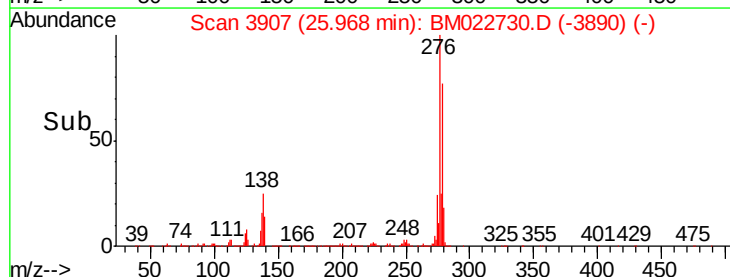
277 25.2 0.0 0.0#

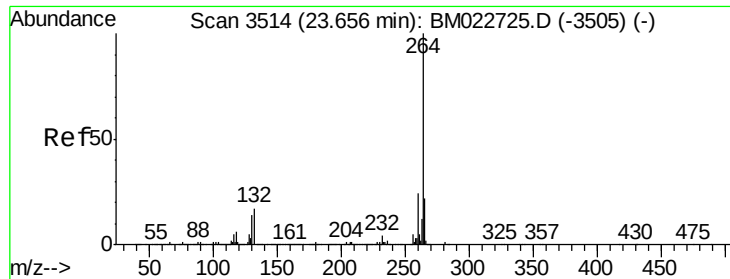


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

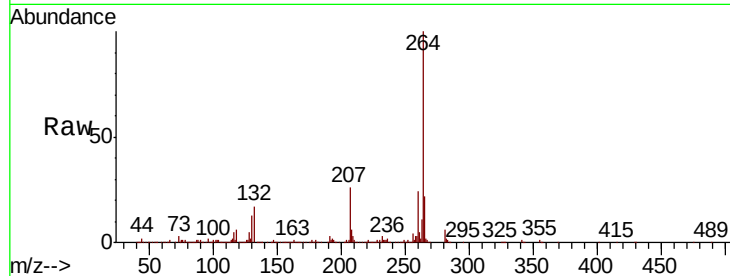
Tot Ion:264 Resp: 1068646

Ion Ratio Lower Upper

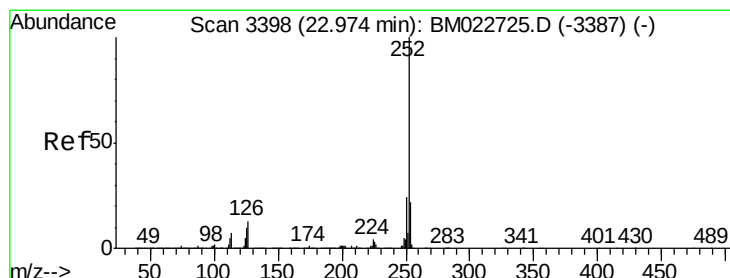
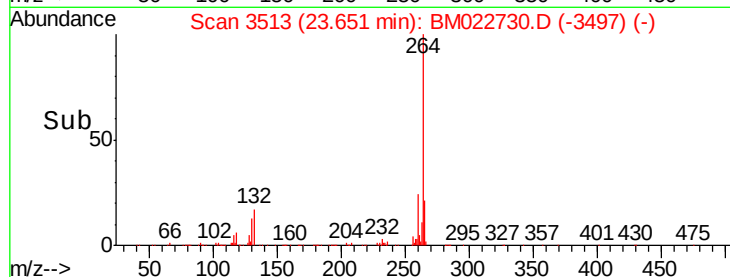
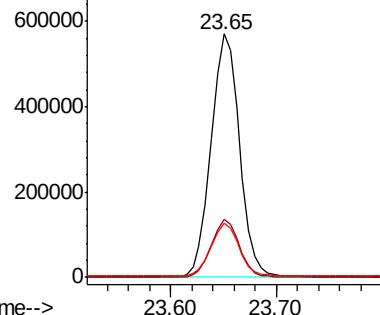
264 100

260 23.6 19.1 28.7

265 22.2 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: 38.768 ng

RT: 22.97 min Scan# 3397

Delta R.T. -0.01 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

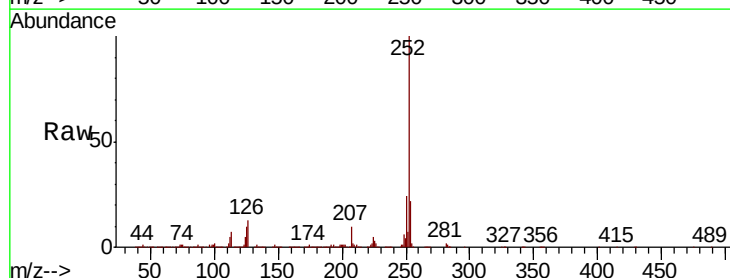
Tgt Ion:252 Resp: 2508425

Ion Ratio Lower Upper

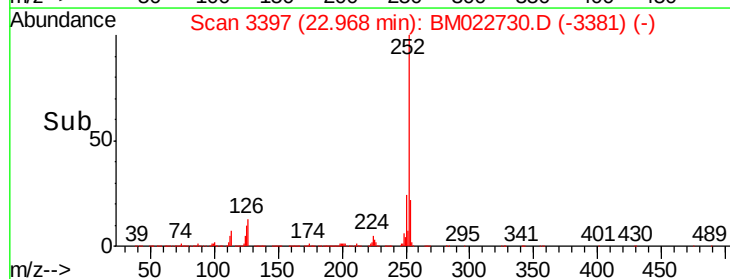
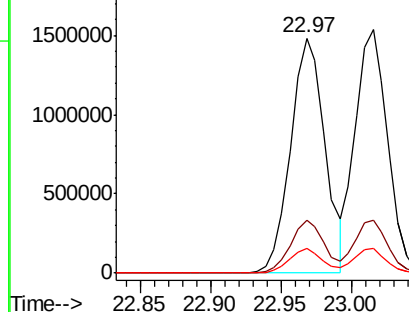
252 100

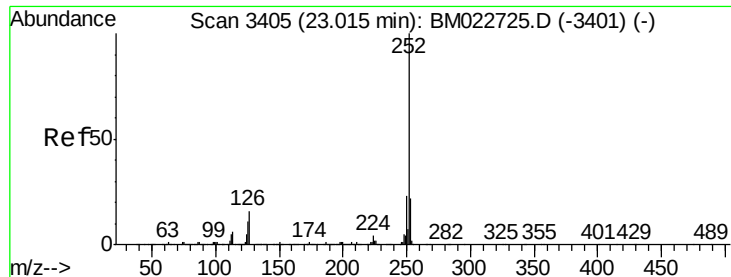
253 22.5 17.7 26.5

125 10.3 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: 37.942 ng

RT: 23.02 min Scan# 3405

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

BNA_M

ClientSampleId :

ICVBM092019

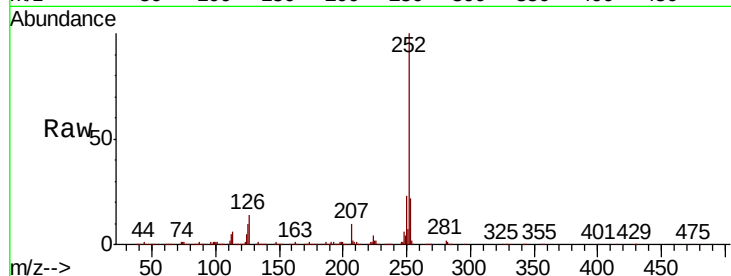
Tot Ion:252 Resp: 2435909

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

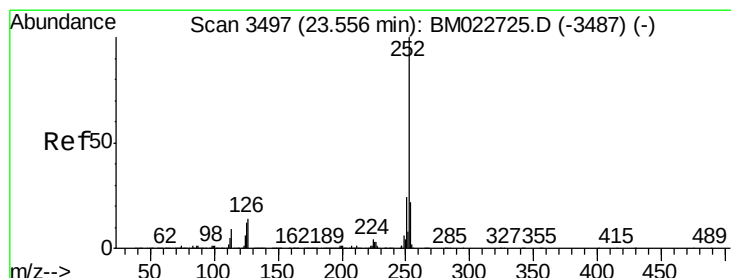
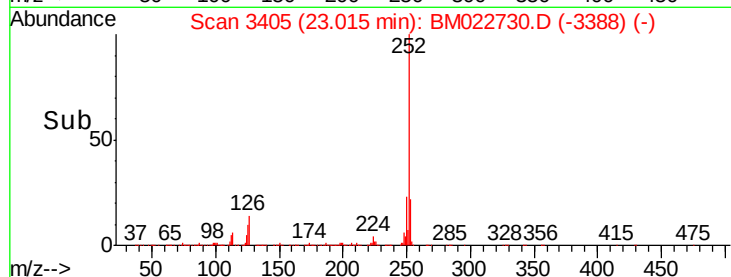
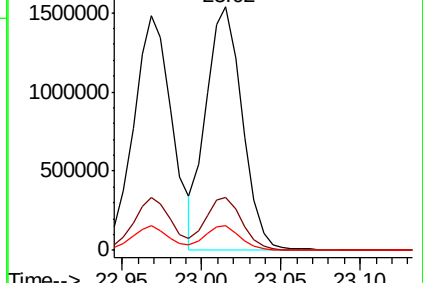
125 9.9 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.659 ng

RT: 23.56 min Scan# 3497

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

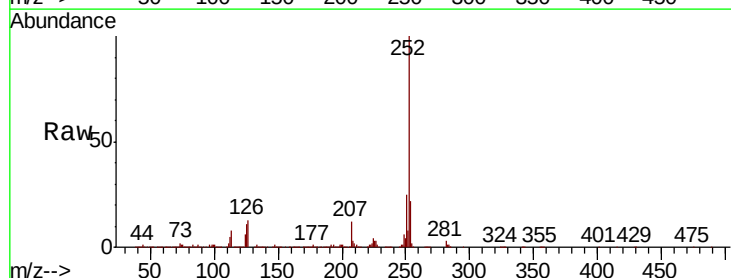
Tgt Ion:252 Resp: 2304900

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

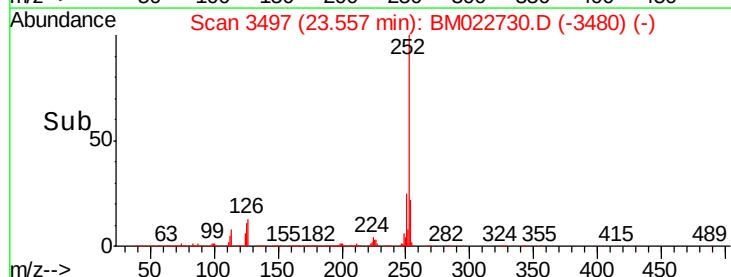
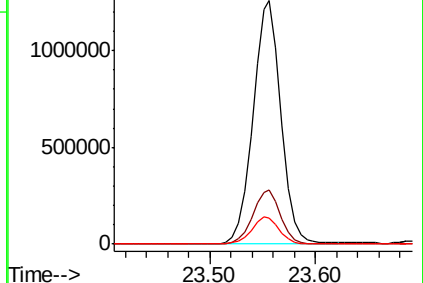
125 10.8 9.3 13.9

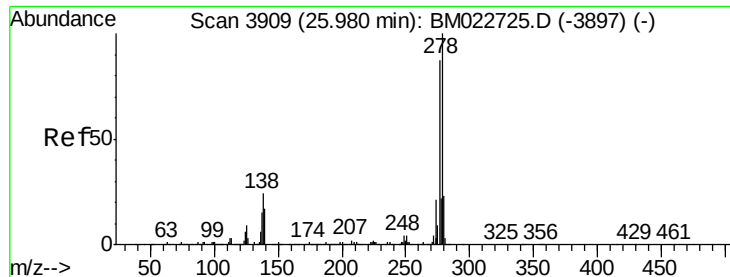


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.514 ng

RT: 25.98 min Scan# 3909

Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Instrument :

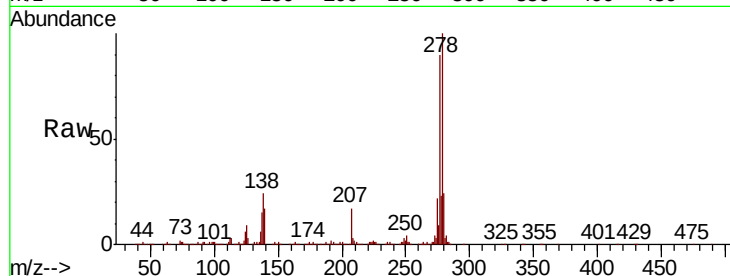
BNA_M

ClientSampleId :

ICVBM092019

Tot Ion:278 Resp: 2401909

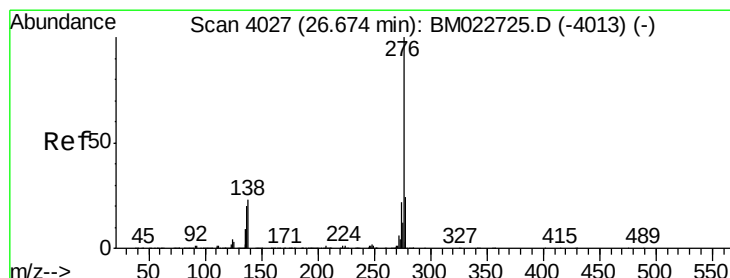
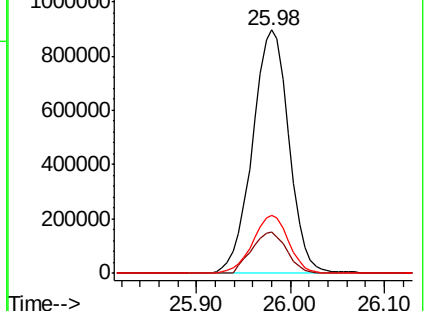
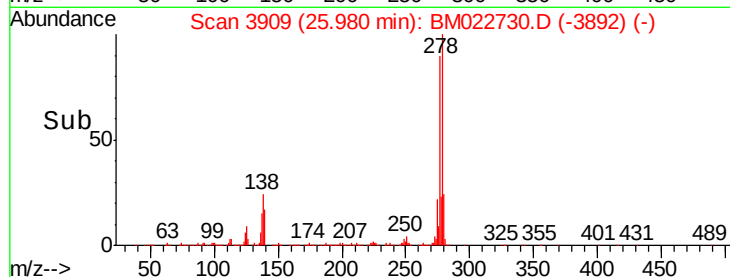
Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.7	20.5
279	23.9	18.6	28.0



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: 38.879 ng

RT: 26.67 min Scan# 4027

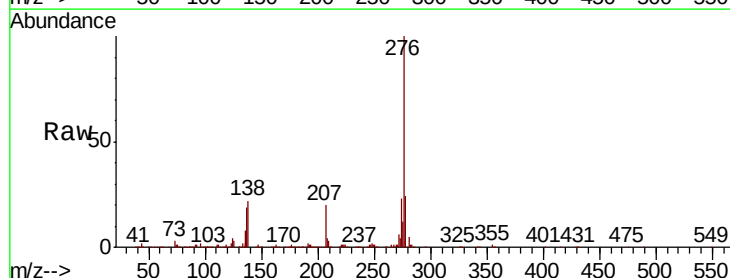
Delta R.T. 0.00 min

Lab File: BM022730.D

Acq: 20 Sep 2019 16:38

Tgt Ion:276 Resp: 2302978

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	22.0	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

