

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
 Data File : BM022732.D
 Acq On : 20 Sep 2019 19:06
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 21 02:12:26 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	7.82	152	178608	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	736090	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	425849	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	813762	20.00	ng	0.00
76) Chrysene-d12	21.37	240	809147	20.00	ng	0.00
87) Perylene-d12	23.64	264	839930	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	895979	79.56	ng	0.00
7) Phenol-d6	6.99	99	1166366	80.64	ng	0.00
23) Nitrobenzene-d5	8.98	82	1055709	79.61	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	412174	77.53	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	2427335	78.49	ng	0.00
79) Terphenyl-d14	19.82	244	3453453	82.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	176536	38.957	ng	# 100
3) Pyridine	3.72	79	494441	41.395	ng	98
4) n-Nitrosodimethylamine	3.62	42	180867	41.595	ng	93
6) Aniline	7.15	93	704431	40.616	ng	99
8) 2-Chlorophenol	7.39	128	459337	40.032	ng	100
9) Benzaldehyde	6.96	77	367738	44.650	ng	99
10) Phenol	7.02	94	550375	40.416	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	435692	40.723	ng	98
12) 1,3-Dichlorobenzene	7.72	146	539955	39.373	ng	99
13) 1,4-Dichlorobenzene	7.86	146	546132	39.337	ng	99
14) 1,2-Dichlorobenzene	8.18	146	523453	39.547	ng	100
15) Benzyl Alcohol	8.06	79	365472	40.380	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	643064	41.377	ng	98
17) 2-Methylphenol	8.26	107	365046	40.499	ng	99
18) Hexachloroethane	8.91	117	204075	40.077	ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	337876	41.830	ng	98
20) 3+4-Methylphenols	8.59	107	481790	40.131	ng	99
22) Acetophenone	8.65	105	784533	43.178	ng	100
24) Nitrobenzene	9.02	77	504193	39.739	ng	100
25) Isophorone	9.55	82	860766	39.478	ng	99
26) 2-Nitrophenol	9.73	139	203914	37.230	ng	96
27) 2,4-Dimethylphenol	9.79	122	358561	39.104	ng	100
28) bis(2-Chloroethoxy)methane	10.03	93	600043	39.770	ng	99
29) 2,4-Dichlorophenol	10.26	162	403930	38.963	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	490399	38.448	ng	99
31) Naphthalene	10.67	128	1420739	39.063	ng	100
32) Benzoic acid	9.93	122	266222	42.736	ng	96
33) 4-Chloroaniline	10.77	127	623999	39.515	ng	98
34) Hexachlorobutadiene	10.96	225	291280	38.310	ng	99
35) Caprolactam	11.55	113	119680	38.941	ng	94
36) 4-Chloro-3-methylphenol	11.89	107	398375	39.387	ng	99
37) 2-Methylnaphthalene	12.28	142	987606	39.010	ng	99
38) 1-Methylnaphthalene	12.50	142	940610	39.141	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	632996	43.868	ng	100

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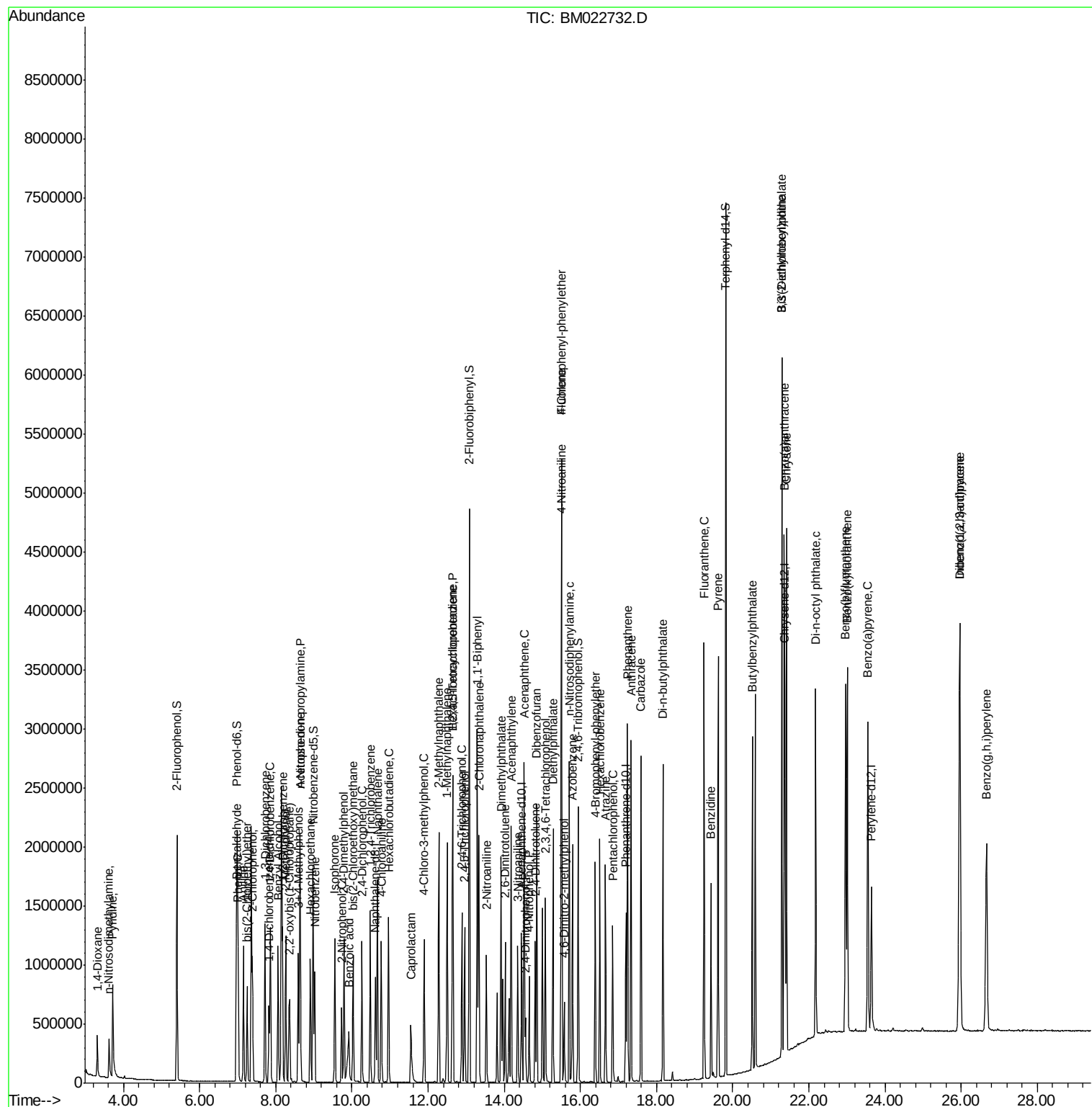
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	295866	37.580	ng	98
43) 2,4,6-Trichlorophenol	12.89	196	319046	38.309	ng	99
44) 2,4,5-Trichlorophenol	12.96	196	333883	38.472	ng	99
46) 1,1'-Biphenyl	13.29	154	1520848	43.151	ng	100
47) 2-Chloronaphthalene	13.33	162	1022900	38.939	ng	99
48) 2-Nitroaniline	13.53	65	275685	40.302	ng	94
49) Acenaphthylene	14.18	152	1514310	38.927	ng	100
50) Dimethylphthalate	13.92	163	1191923	38.730	ng	100
51) 2,6-Dinitrotoluene	14.03	165	248714	38.636	ng	98
52) Acenaphthene	14.52	154	997688	39.202	ng	99
53) 3-Nitroaniline	14.36	138	292296	39.442	ng	99
54) 2,4-Dinitrophenol	14.56	184	110421	35.858	ng	98
55) Dibenzofuran	14.86	168	1442312	38.819	ng	99
56) 4-Nitrophenol	14.66	139	224113	39.345	ng	97
57) 2,4-Dinitrotoluene	14.81	165	330510	39.191	ng	94
58) Fluorene	15.50	166	1190166	39.419	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	287631	38.002	ng	99
60) Diethylphthalate	15.28	149	1165702	38.955	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	608491	39.224	ng	98
62) 4-Nitroaniline	15.52	138	309512	39.837	ng	100
63) Azobenzene	15.79	77	1090574	40.357	ng	100
65) 4,6-Dinitro-2-methylphenol	15.57	198	143826	36.942	ng	99
66) n-Nitrosodiphenylamine	15.71	169	991196	39.871	ng	100
67) 4-Bromophenyl-phenylether	16.39	248	351866	38.876	ng	99
68) Hexachlorobenzene	16.51	284	416811	39.489	ng	100
69) Atrazine	16.66	200	319121	39.487	ng	98
70) Pentachlorophenol	16.84	266	218736	38.858	ng	98
71) Phenanthrene	17.24	178	1809234	39.402	ng	100
72) Anthracene	17.33	178	1766999	39.707	ng	100
73) Carbazole	17.59	167	1644623	39.715	ng	99
74) Di-n-butylphthalate	18.16	149	1869525	39.815	ng	100
75) Fluoranthene	19.25	202	2023146	39.046	ng	99
77) Benzidine	19.43	184	896653	40.394	ng	99
78) Pyrene	19.62	202	2113117	39.850	ng	99
80) Butylbenzylphthalate	20.52	149	783693	38.887	ng	98
81) Benzo(a)anthracene	21.36	228	2080901	39.680	ng	100
82) 3,3'-Dichlorobenzidine	21.29	252	725268	38.998	ng	99
83) Chrysene	21.41	228	2018987	39.711	ng	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1177031	39.418	ng	100
85) Di-n-octyl phthalate	22.18	149	1816097	38.161	ng	100
86) Indeno(1,2,3-cd)pyrene	25.96	276	2344675	38.639	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	2061199	40.531	ng	100
89) Benzo(k)fluoranthene	23.01	252	1970102	39.043	ng	99
90) Benzo(a)pyrene	23.54	252	1861768	39.730	ng	100
91) Dibenzo(a,h)anthracene	25.97	278	1945239	39.685	ng	99
92) Benzo(g,h,i)perylene	26.66	276	1827229	39.248	ng	100

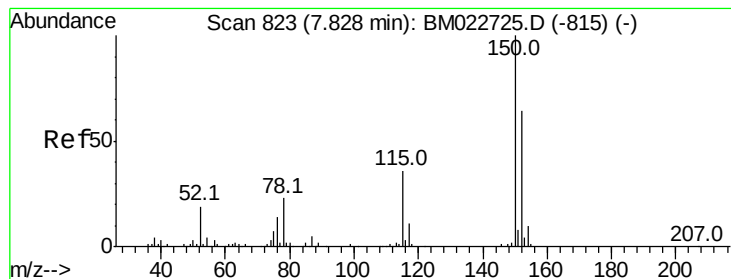
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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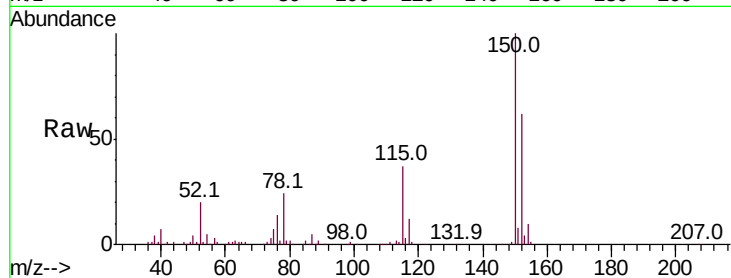


#1

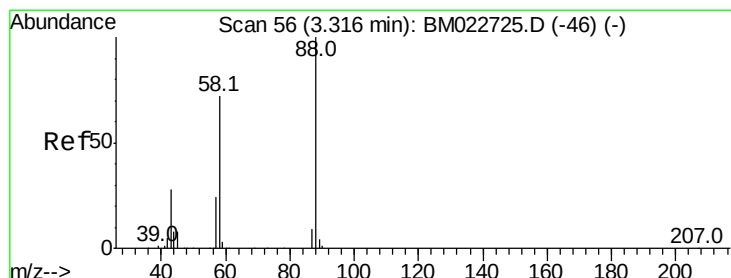
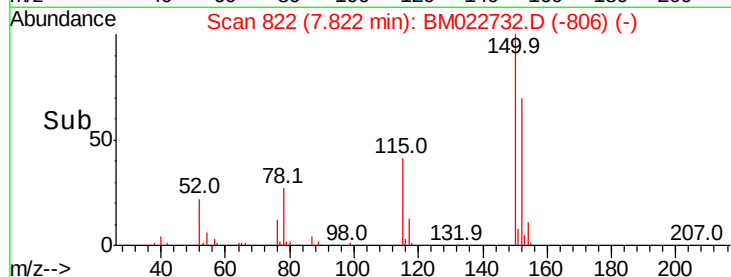
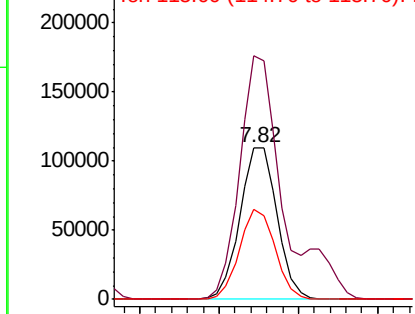
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 178608
Ion Ratio Lower Upper
152 100
150 160.1 124.5 186.7
115 58.9 45.0 67.4



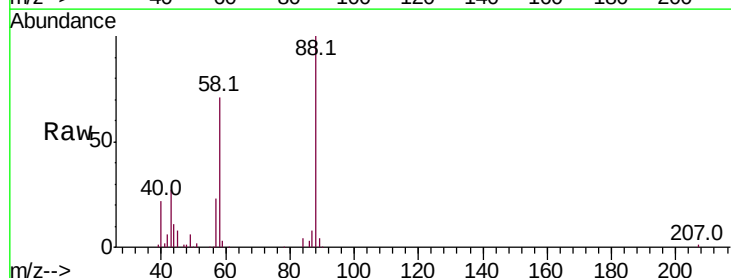
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



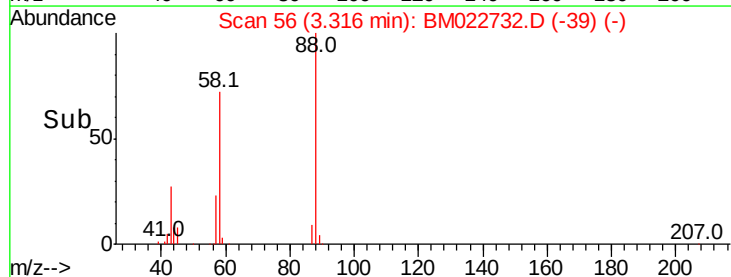
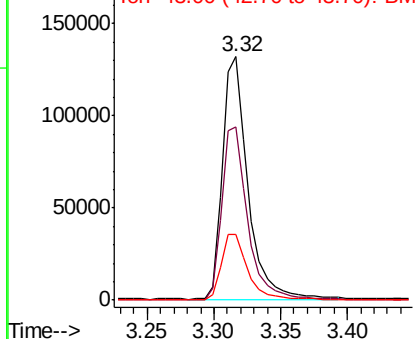
#2

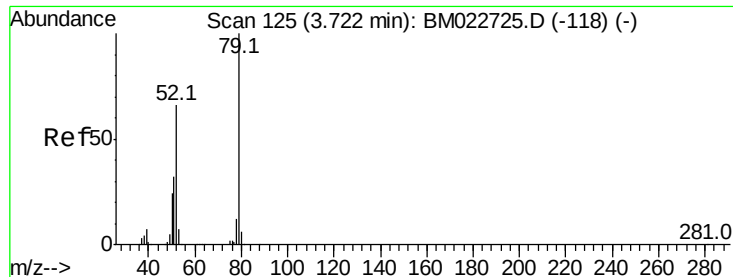
1,4-Dioxane
Concen: 38.957 ng
RT: 3.32 min Scan# 56
Delta R.T. 0.00 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

Tgt Ion: 88 Resp: 176536
Ion Ratio Lower Upper
88 100
58 73.3 0.0 0.0#
43 28.7 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: 41.395 ng

RT: 3.72 min Scan# 124

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampleId :

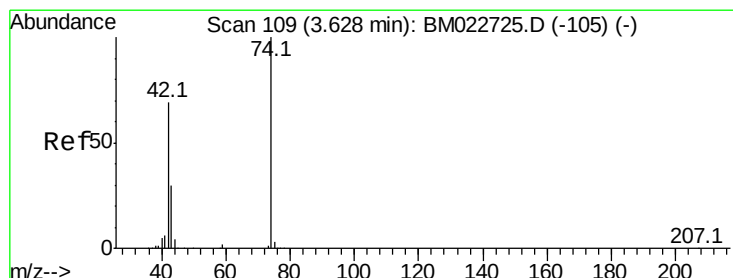
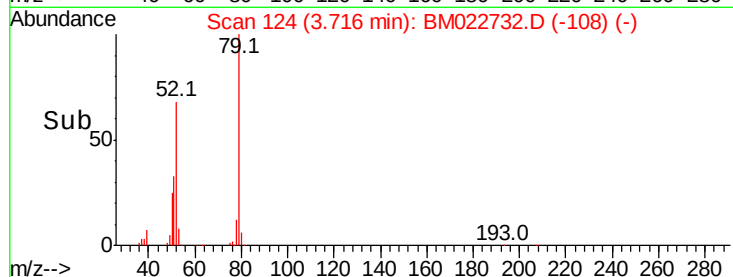
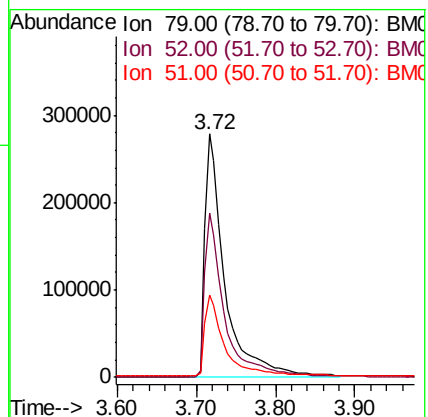
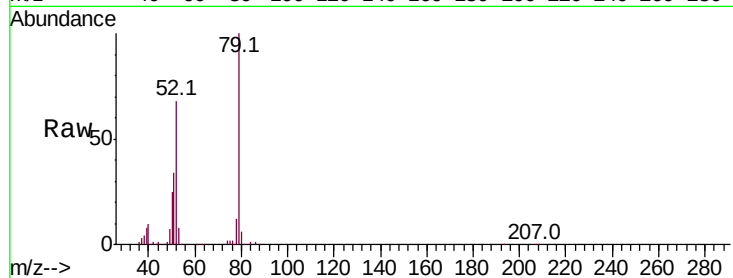
Tot Ion: 79 Resp: 494441

Ion Ratio Lower Upper

79 100

52 67.6 52.4 78.6

51 33.8 26.2 39.4



#4

n-Nitrosodimethylamine

Concen: 41.595 ng

RT: 3.62 min Scan# 108

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

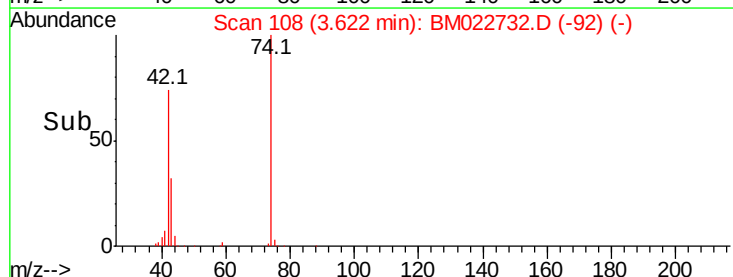
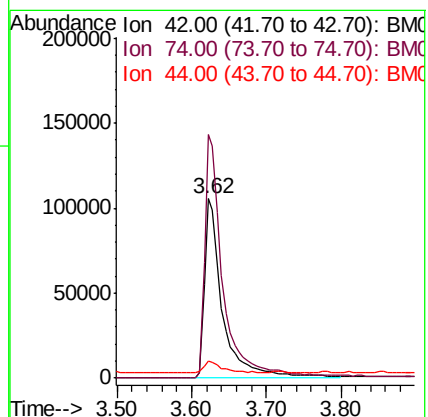
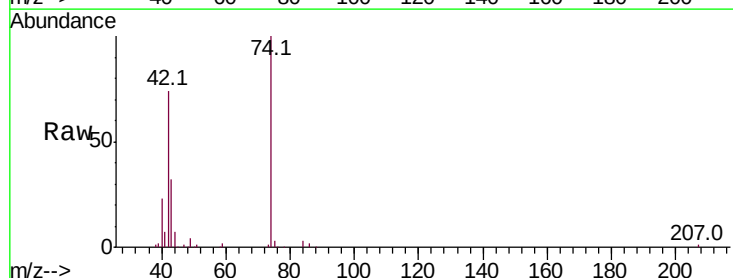
Tgt Ion: 42 Resp: 180867

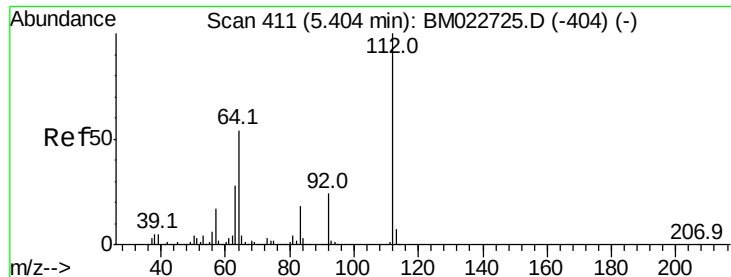
Ion Ratio Lower Upper

42 100

74 136.0 116.6 175.0

44 9.4 8.2 12.4





#5

2-Fluorophenol

Concen: 79.559 ng

RT: 5.40 min Scan# 411

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampleId :

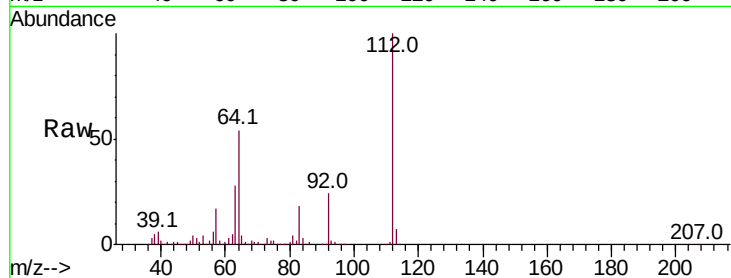
Tot Ion:112 Resp: 895979

Ion Ratio Lower Upper

112 100

64 54.5 43.4 65.2

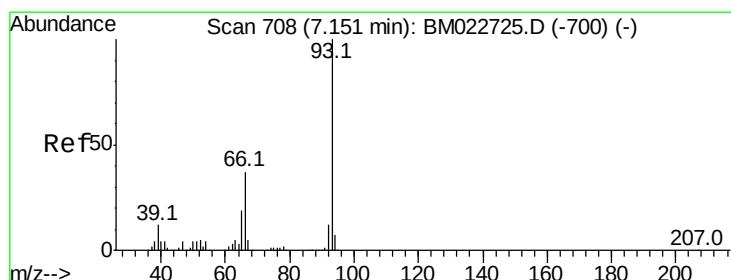
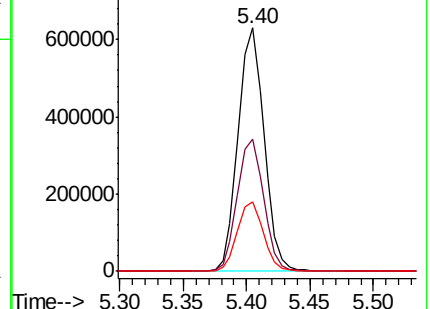
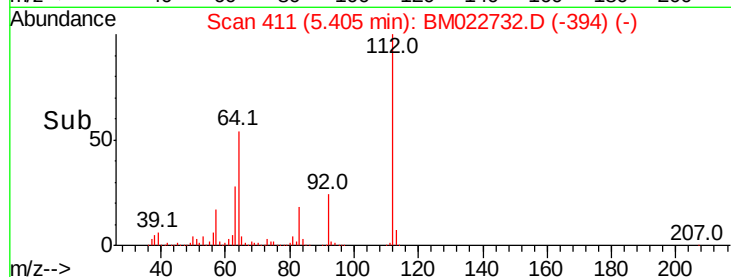
63 28.3 22.1 33.1



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: 40.616 ng

RT: 7.15 min Scan# 708

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

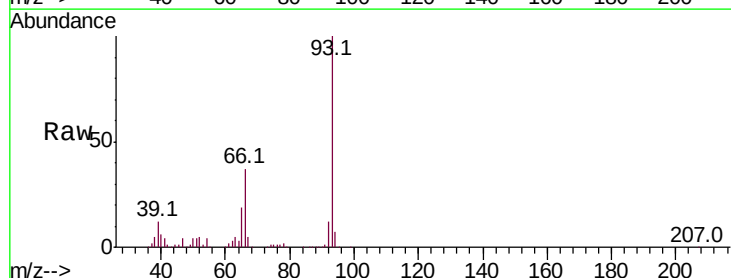
Tgt Ion: 93 Resp: 704431

Ion Ratio Lower Upper

93 100

66 37.0 29.3 43.9

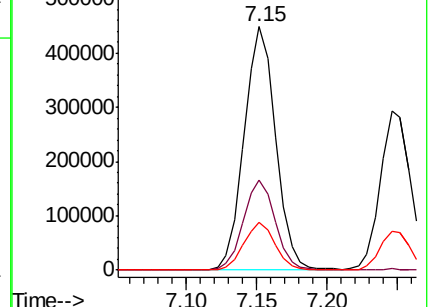
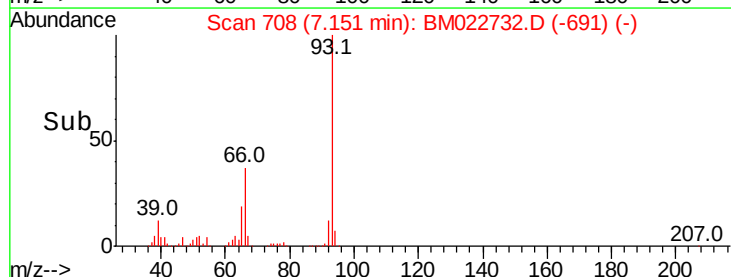
65 19.4 15.3 22.9

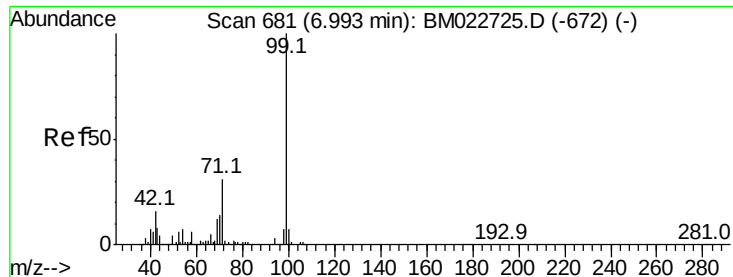


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 80.637 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampled :

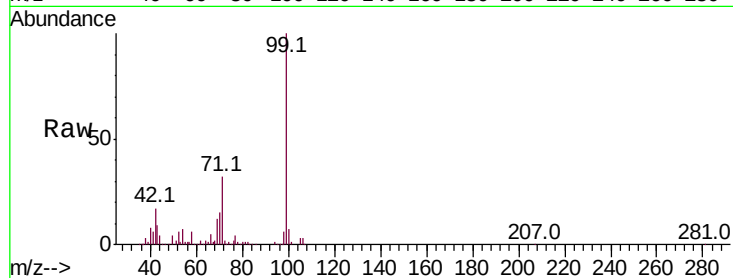
Tot Ion: 99 Resp: 1166366

Ion Ratio Lower Upper

99 100

42 17.3 13.0 19.4

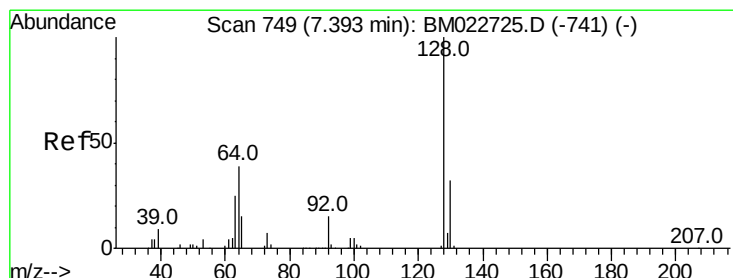
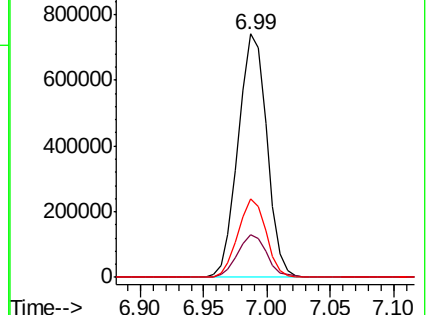
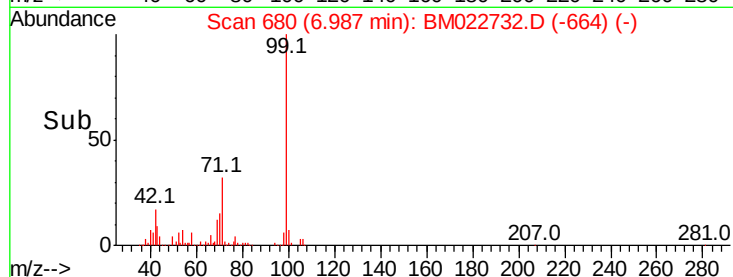
71 32.0 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BM022732.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM022732.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM022732.D (-664) (-)



#8

2-Chlorophenol

Concen: 40.032 ng

RT: 7.39 min Scan# 749

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

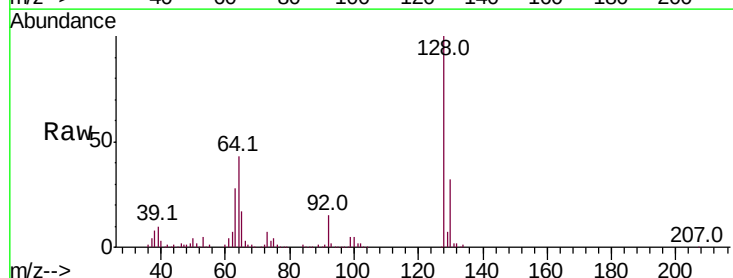
Tgt Ion: 128 Resp: 459337

Ion Ratio Lower Upper

128 100

130 32.0 12.1 52.1

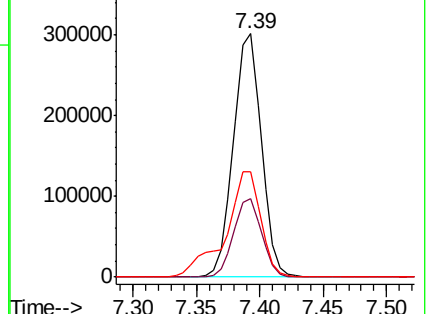
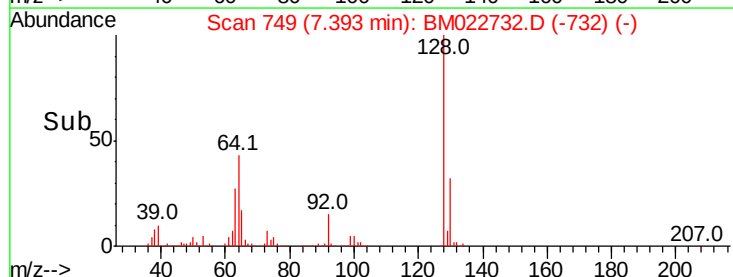
64 43.2 22.9 62.9

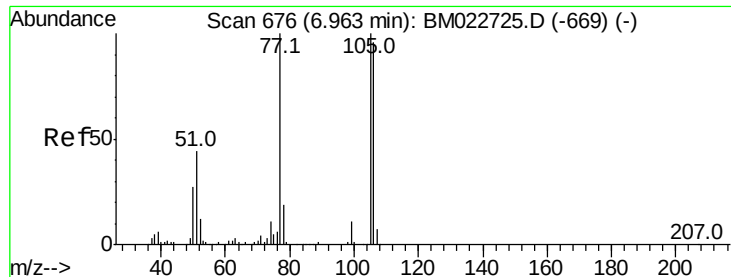


Abundance Ion 128.00 (127.70 to 128.70): BM022732.D (-732) (-)

Ion 130.00 (129.70 to 130.70): BM022732.D (-732) (-)

Ion 64.00 (63.70 to 64.70): BM022732.D (-732) (-)





#9

Benzaldehyde

Concen: 44.650 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampleId :

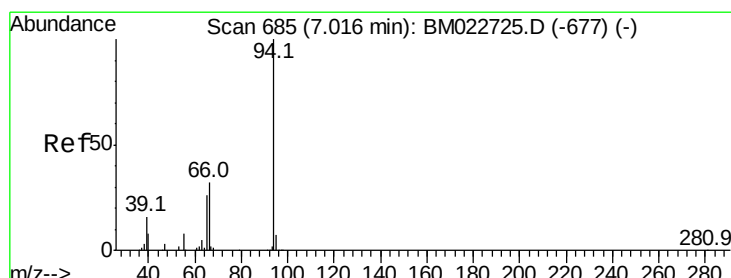
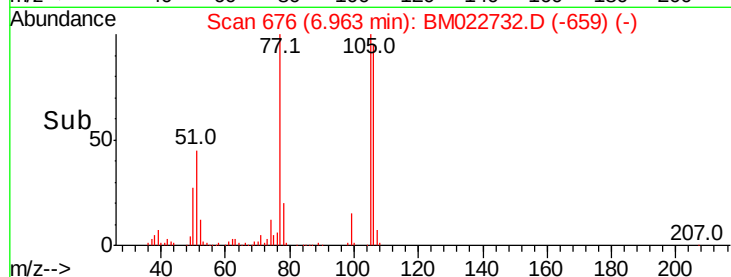
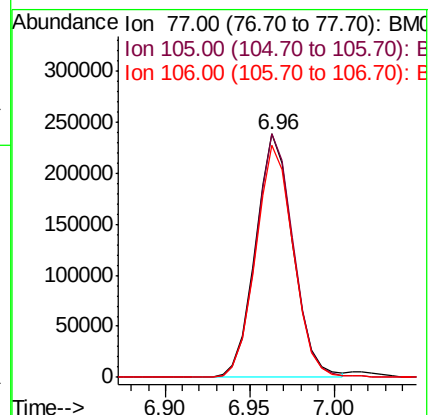
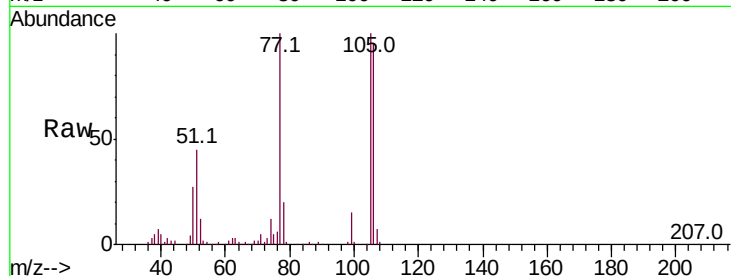
Tot Ion: 77 Resp: 367738

Ion Ratio Lower Upper

77 100

105 100.1 79.6 119.6

106 95.3 76.3 116.3



#10

Phenol

Concen: 40.416 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

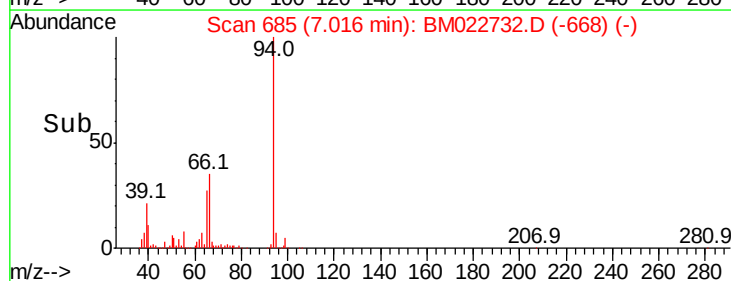
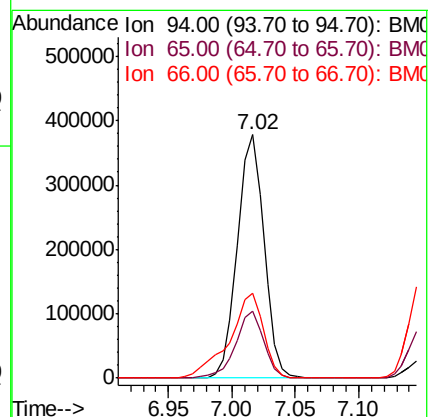
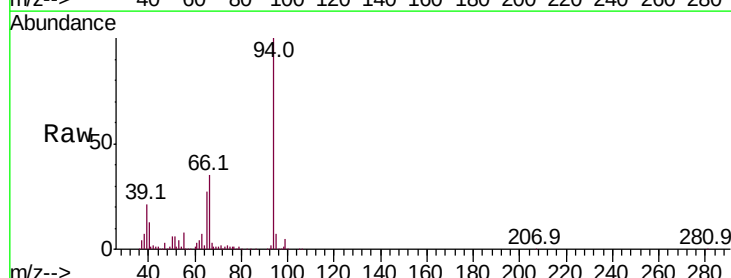
Tgt Ion: 94 Resp: 550375

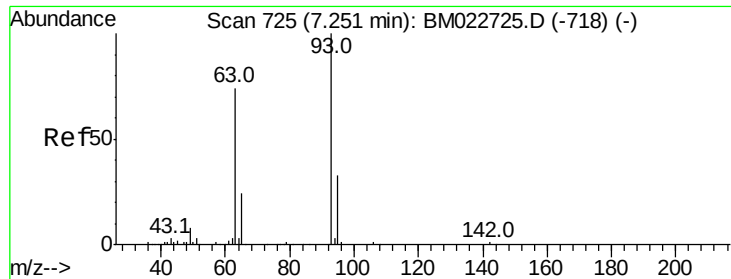
Ion Ratio Lower Upper

94 100

65 27.3 6.7 46.7

66 34.8 13.8 53.8

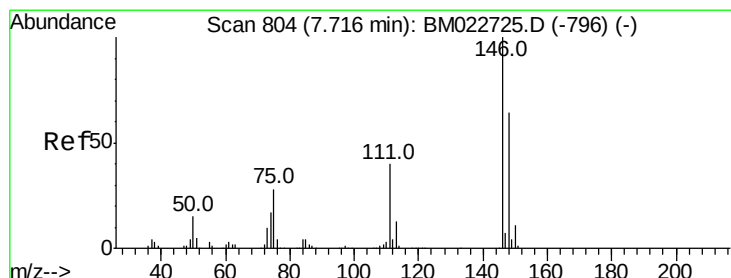
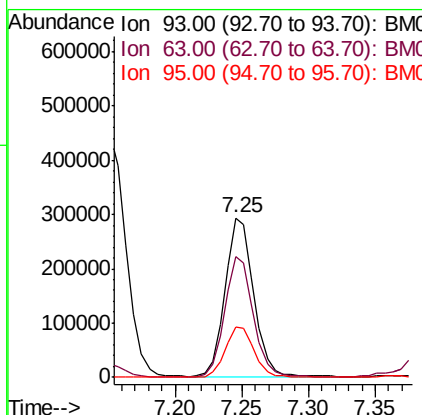
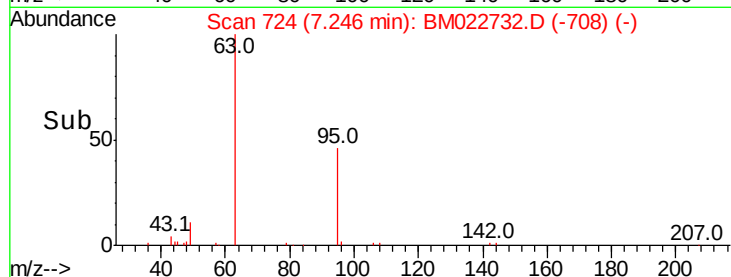
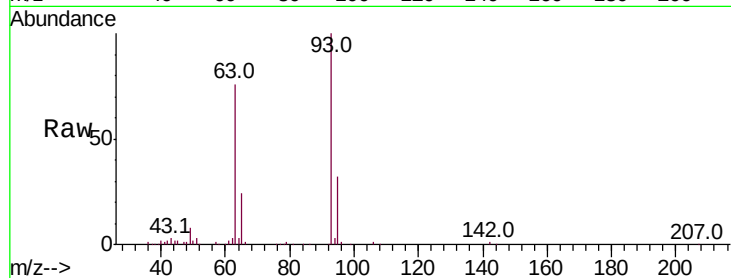




#11
bis(2-Chloroethyl)ether
Concen: 40.723 ng
RT: 7.25 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

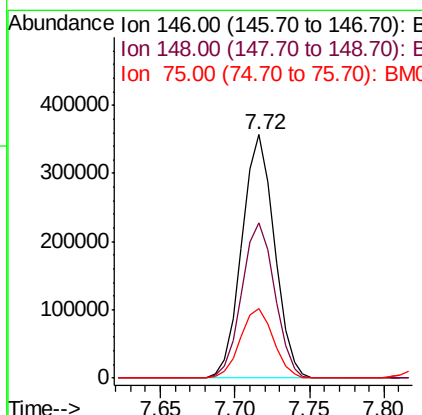
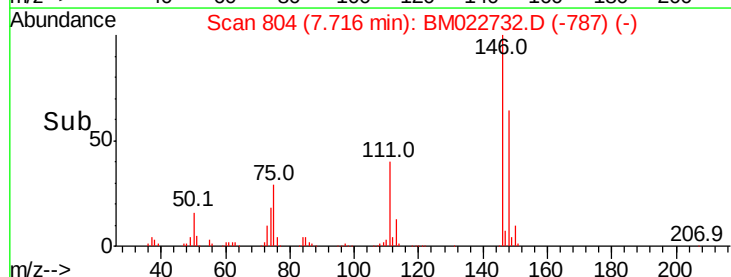
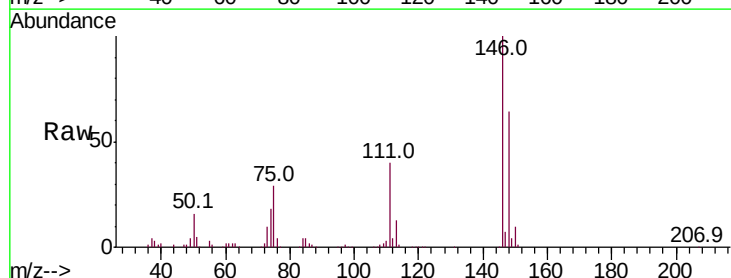
Instrument :
BNA_M
ClientSampled :

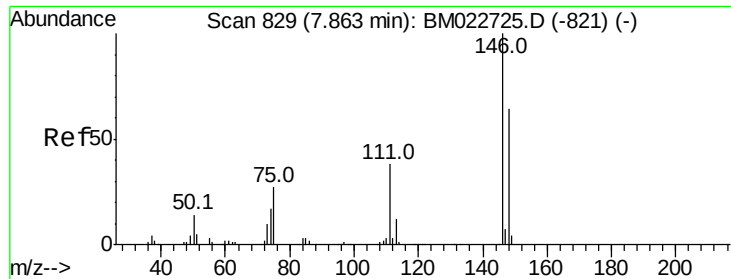
Tot Ion: 93 Resp: 435692
Ion Ratio Lower Upper
93 100
63 75.7 53.8 93.8
95 31.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.373 ng
RT: 7.72 min Scan# 804
Delta R.T. 0.00 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

Tgt Ion: 146 Resp: 539955
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
75 28.7 22.5 33.7

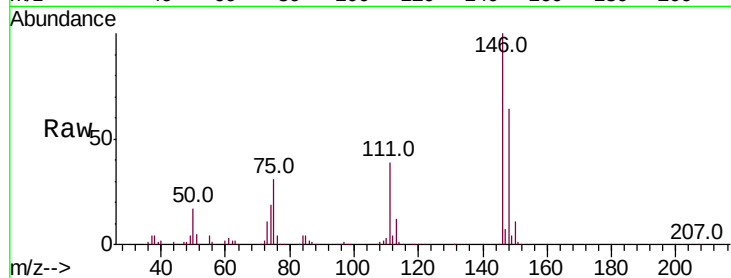




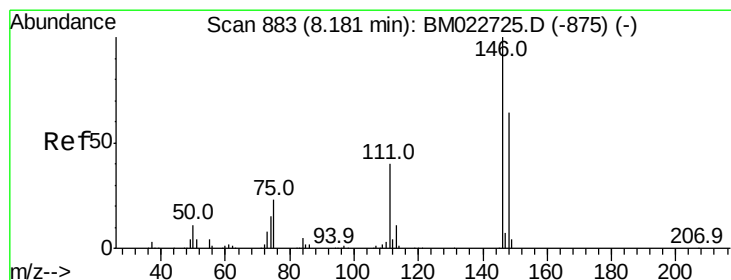
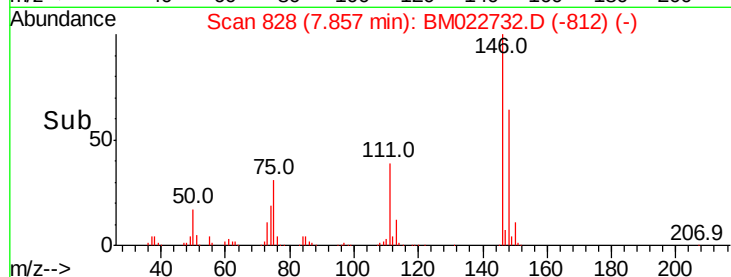
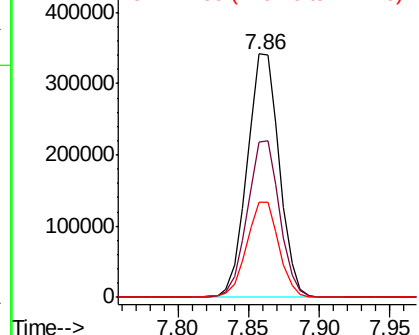
#13
1,4-Dichlorobenzene
Concen: 39.337 ng
RT: 7.86 min Scan# 828
Delta R.T. -0.01 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:146 Resp: 546132
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.0
111 39.3 30.9 46.3

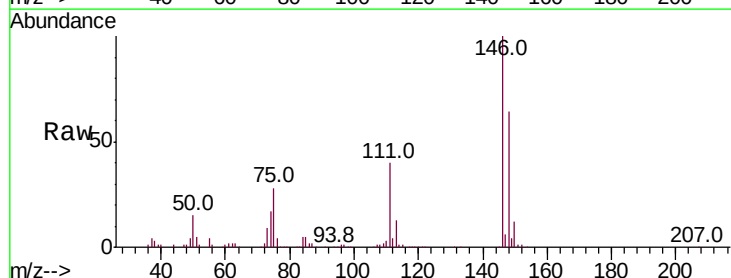


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

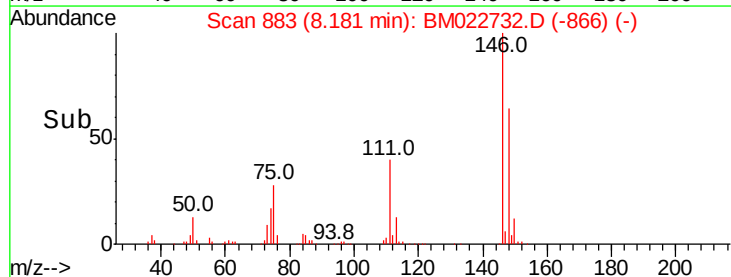
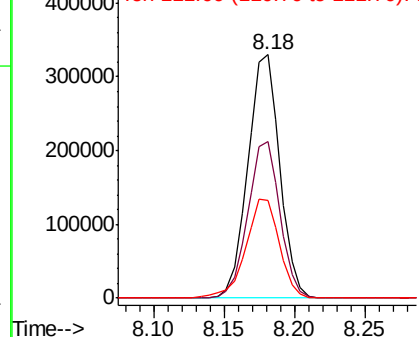


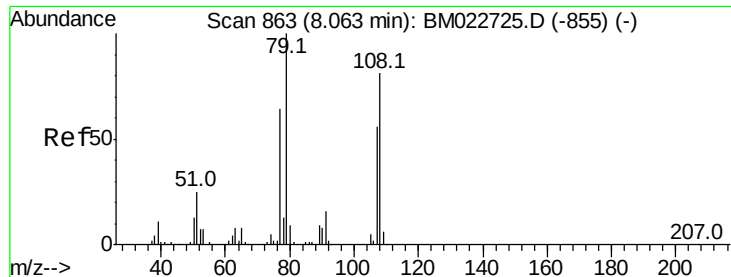
#14
1,2-Dichlorobenzene
Concen: 39.547 ng
RT: 8.18 min Scan# 883
Delta R.T. 0.00 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

Tgt Ion:146 Resp: 523453
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
111 40.2 32.3 48.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.380 ng

RT: 8.06 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampleId :

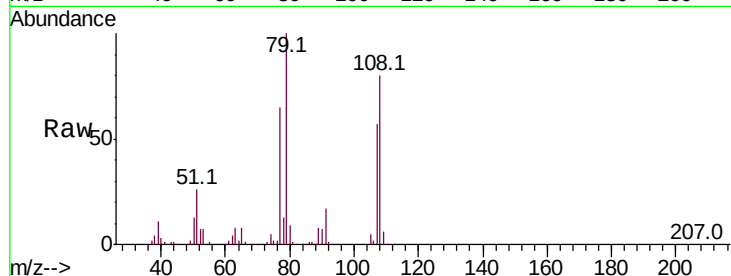
Tot Ion: 79 Resp: 365472

Ion Ratio Lower Upper

79 100

108 80.1 64.9 97.3

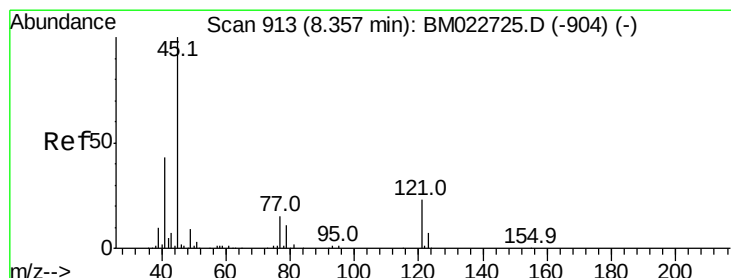
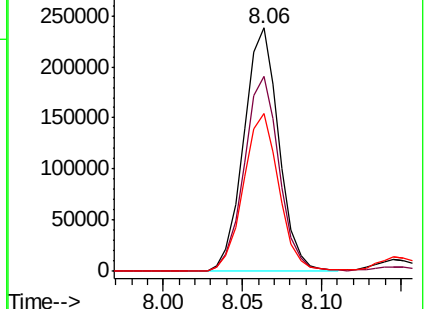
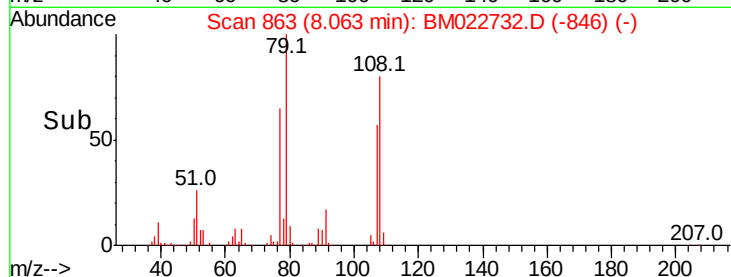
77 64.8 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BM022732.D (-855) (-)

Ion 108.00 (107.70 to 108.70): BM022732.D (-855) (-)

Ion 77.00 (76.70 to 77.70): BM022732.D (-855) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.377 ng

RT: 8.35 min Scan# 912

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

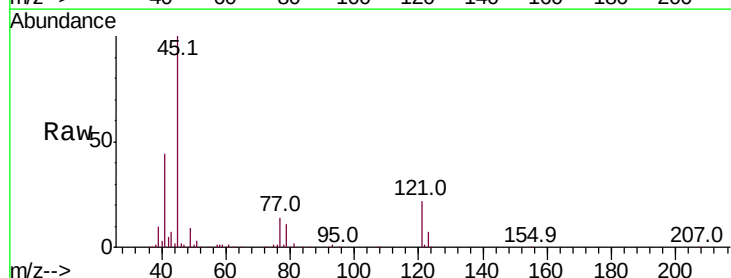
Tgt Ion: 45 Resp: 643064

Ion Ratio Lower Upper

45 100

77 14.4 0.0 35.1

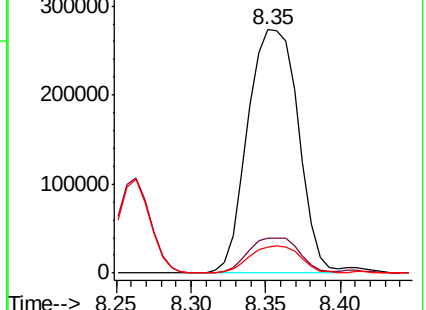
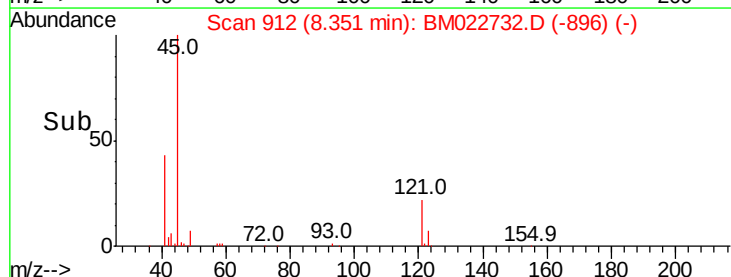
79 10.7 0.0 31.4

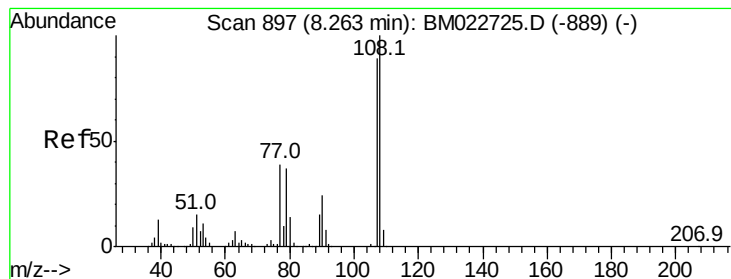


Abundance Ion 45.00 (44.70 to 45.70): BM022732.D (-896) (-)

Ion 77.00 (76.70 to 77.70): BM022732.D (-896) (-)

Ion 79.00 (78.70 to 79.70): BM022732.D (-896) (-)

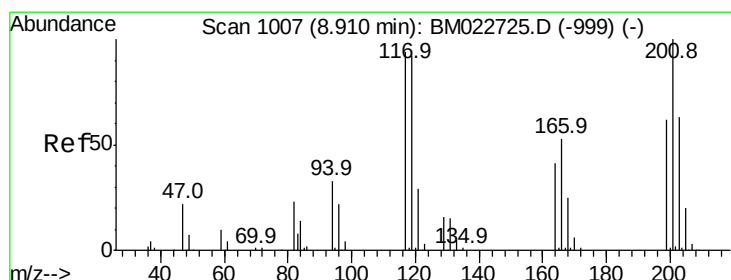
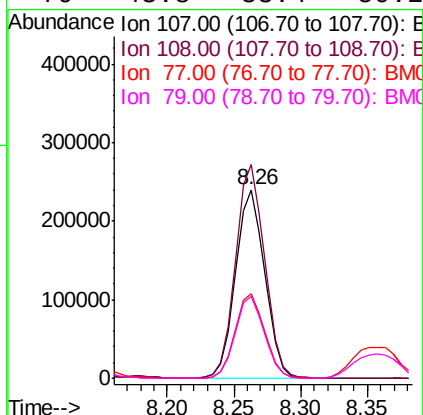
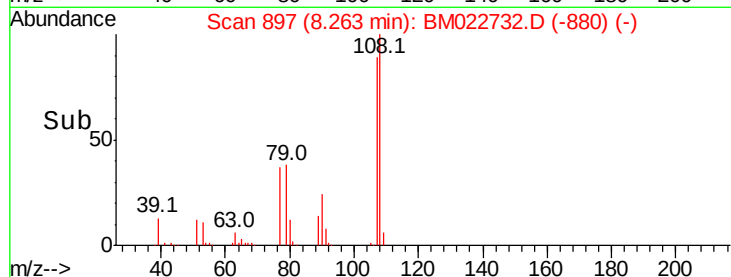
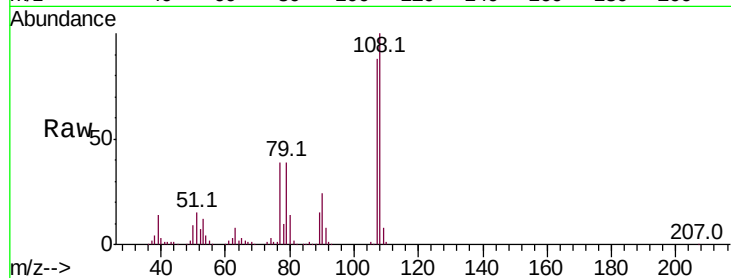




#17
2-Methylphenol
Concen: 40.499 ng
RT: 8.26 min Scan# 897
Delta R.T. 0.00 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

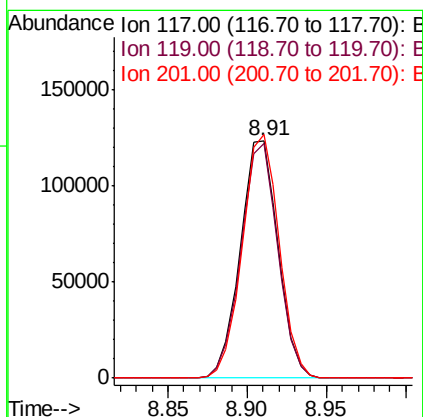
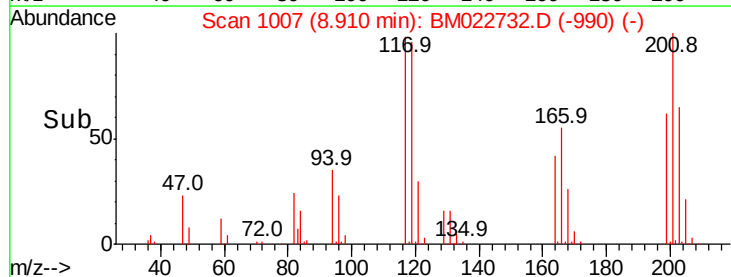
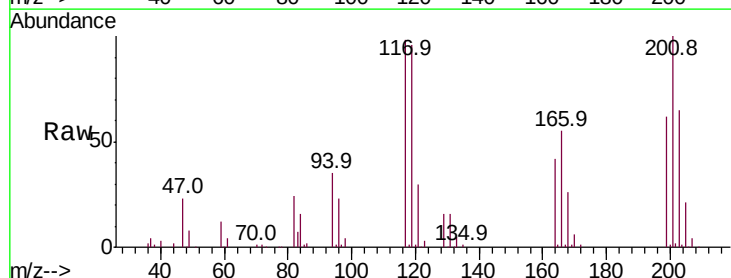
Instrument :
BNA_M
ClientSampled :

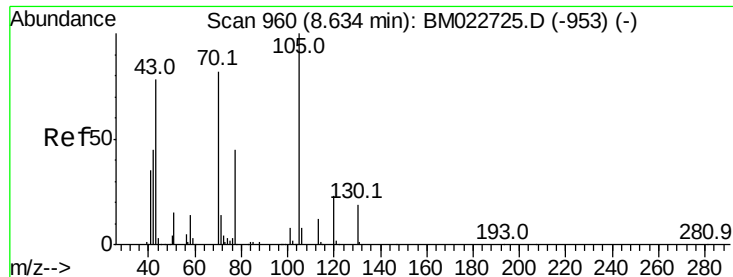
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.0	135.0
77	44.7	35.2	52.8
79	43.8	33.4	50.2



#18
Hexachloroethane
Concen: 40.077 ng
RT: 8.91 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	78.0	117.0
201	102.5	85.0	127.6

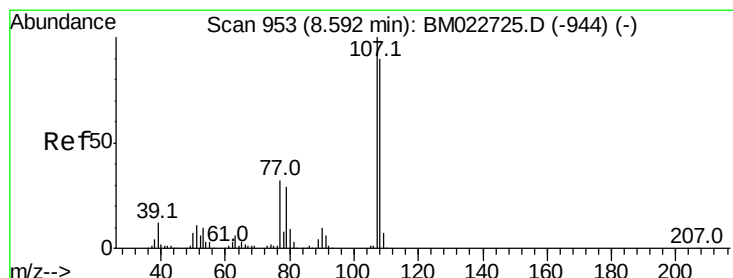
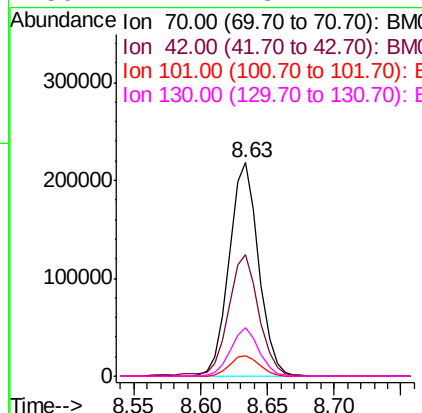
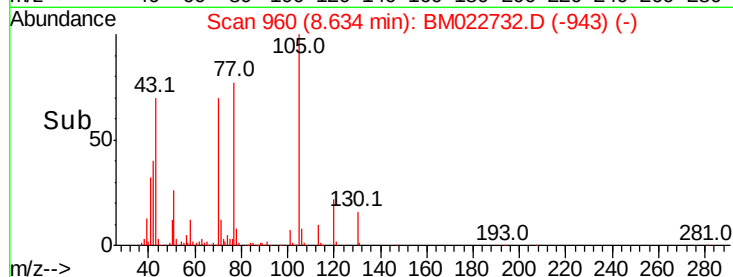
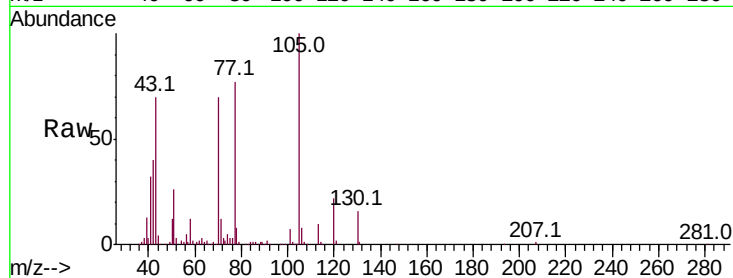




#19
n-Nitroso-di-n-propylamine
Concen: 41.830 ng
RT: 8.63 min Scan# 960
Delta R.T. 0.00 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

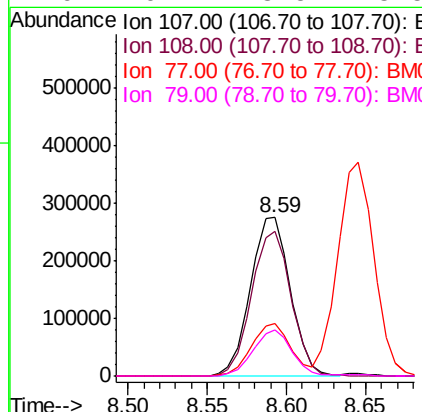
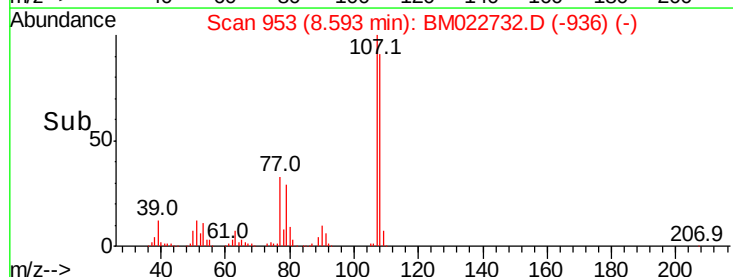
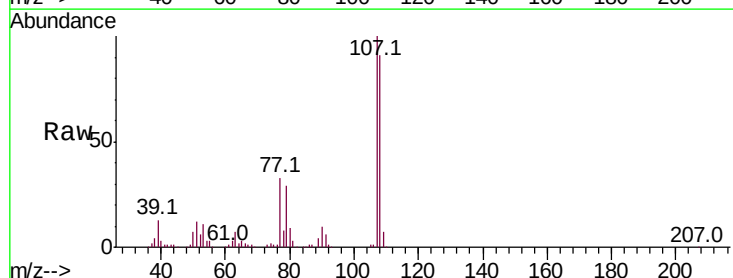
Instrument :
BNA_M
ClientSampleId :

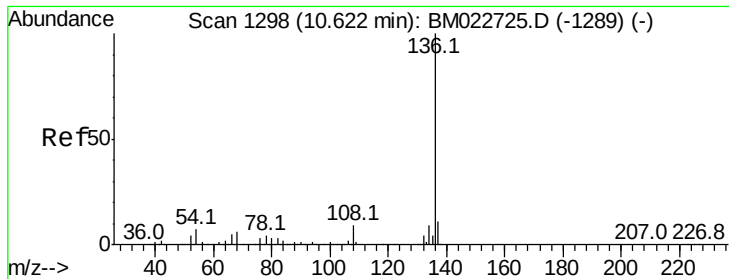
Tot Ion:	70	Resp:	337876
Ion	Ratio	Lower	Upper
70	100		
42	57.2	44.4	66.6
101	9.6	7.8	11.6
130	22.7	18.2	27.4



#20
3+4-Methylphenols
Concen: 40.131 ng
RT: 8.59 min Scan# 953
Delta R.T. 0.00 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

Tgt Ion:	107	Resp:	481790
Ion	Ratio	Lower	Upper
107	100		
108	91.4	70.1	110.1
77	33.0	12.1	52.1
79	29.2	8.5	48.5

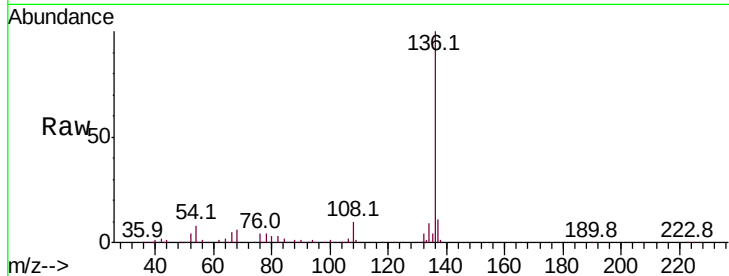




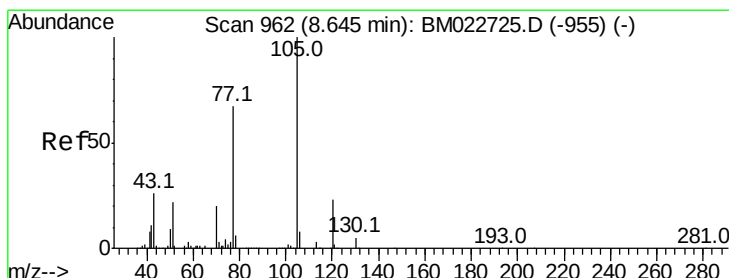
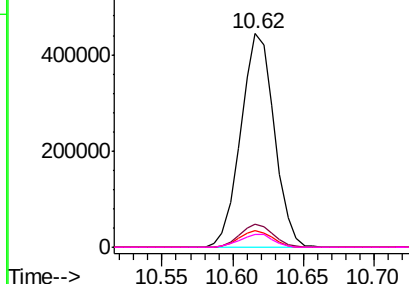
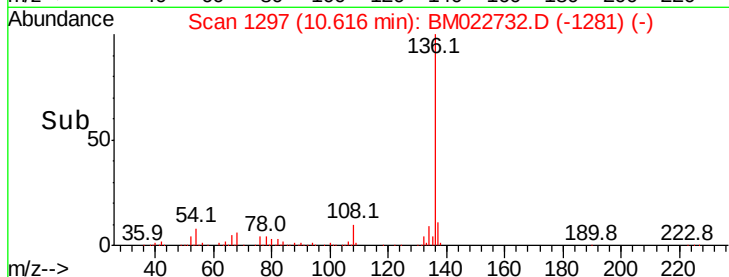
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	736090
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.8	6.0	9.0
68	6.0	4.9	7.3

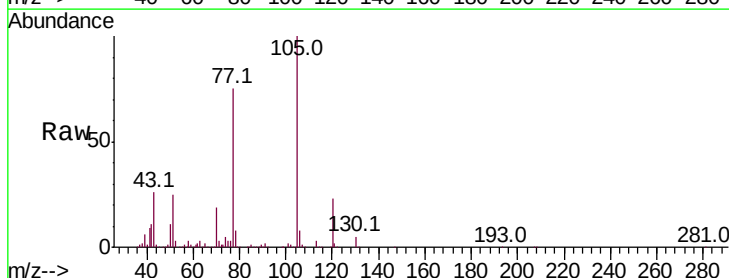


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

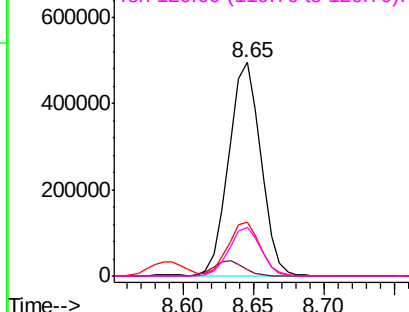
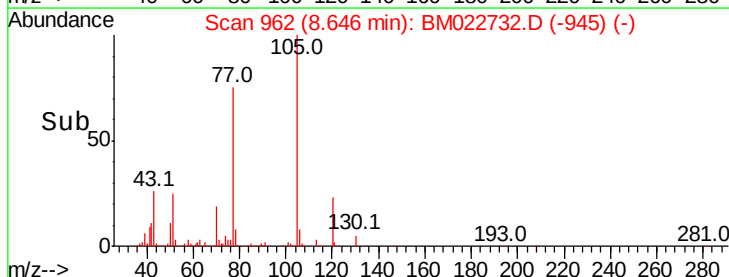


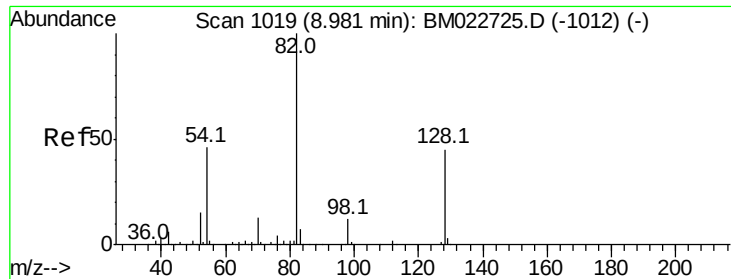
#22
Acetophenone
Concen: 43.178 ng
RT: 8.65 min Scan# 962
Delta R.T. 0.00 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

Tgt Ion:	105	Resp:	784533
Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.7	4.1
51	24.9	19.9	29.9
120	22.9	18.3	27.5



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



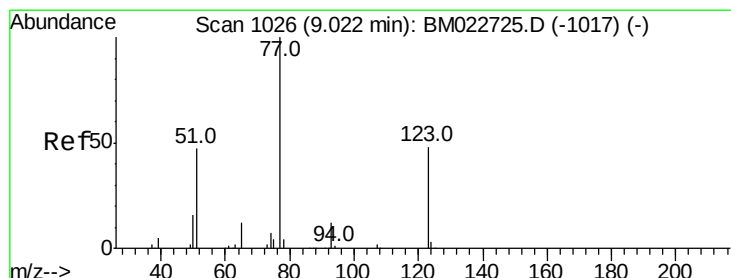
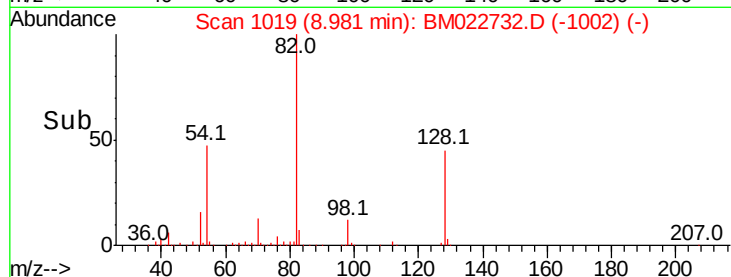
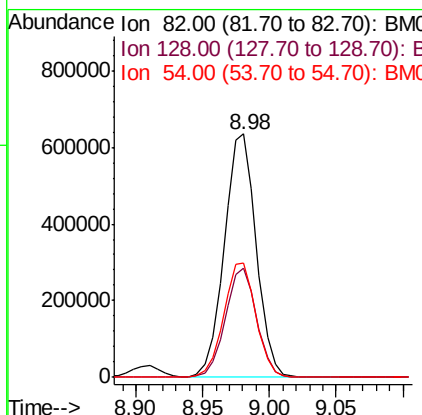
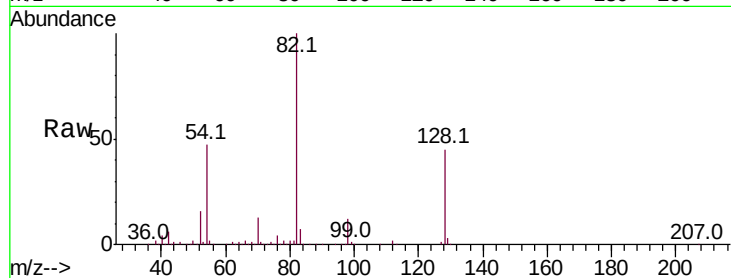


#23
 Nitrobenzene-d5
 Concen: 79.613 ng
 RT: 8.98 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1055709

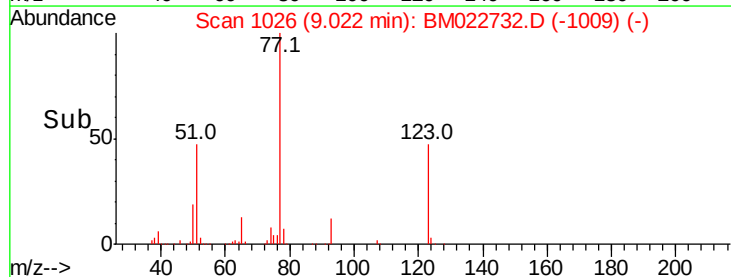
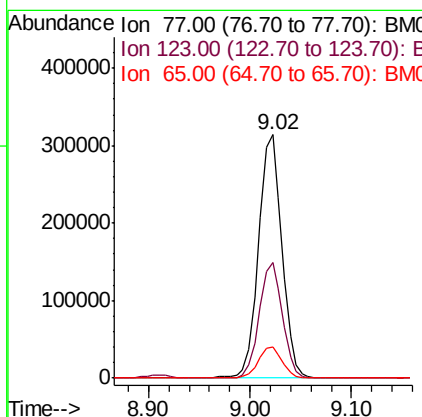
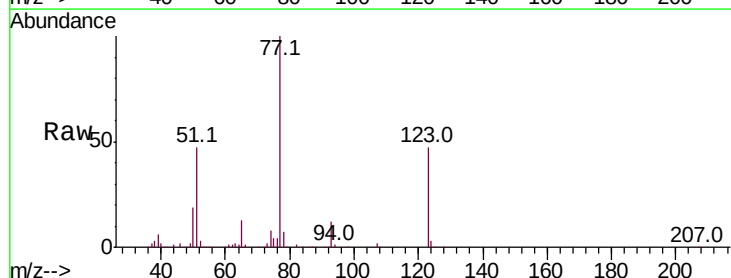
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.0	54.0
54	47.1	37.1	55.7

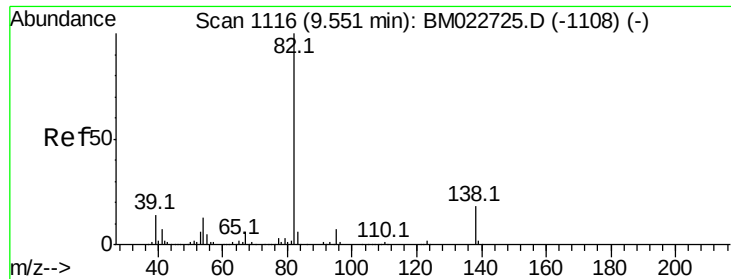


#24
 Nitrobenzene
 Concen: 39.739 ng
 RT: 9.02 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Tgt Ion: 77 Resp: 504193

Ion	Ratio	Lower	Upper
77	100		
123	47.4	38.0	57.0
65	13.0	10.0	15.0





#25

Isophorone

Concen: 39.478 ng

RT: 9.55 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampleId :

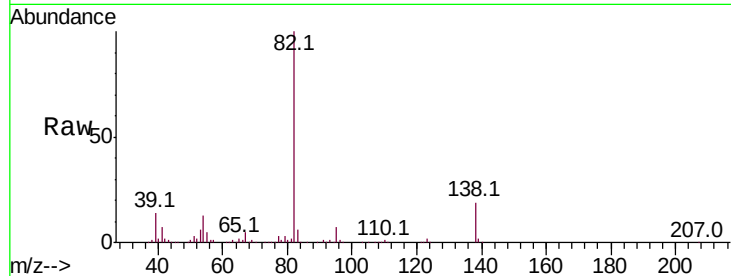
Tot Ion: 82 Resp: 860766

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.0

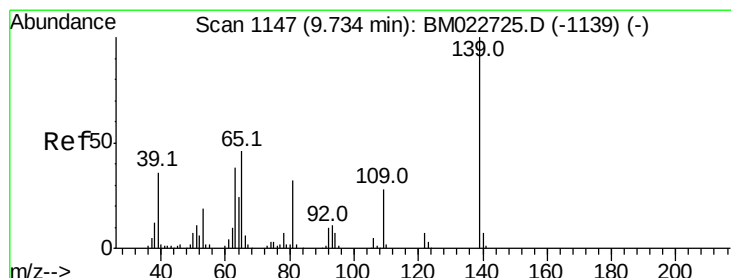
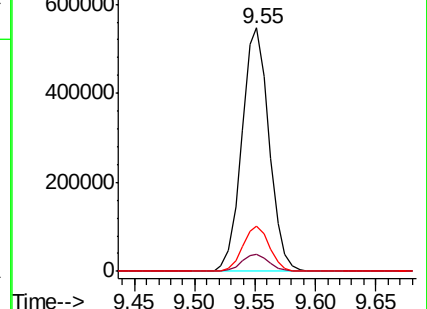
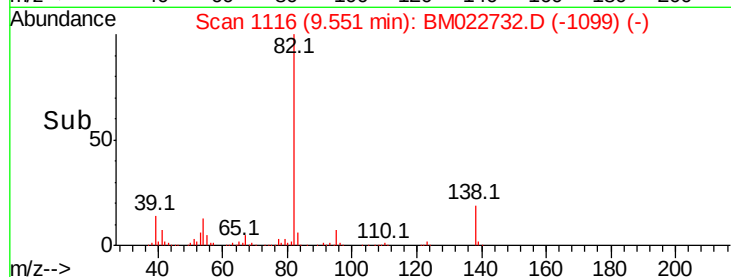
138 18.7 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM022732.D (-1108) (-)

Ion 95.00 (94.70 to 95.70): BM022732.D (-1108) (-)

Ion 138.00 (137.70 to 138.70): BM022732.D (-1108) (-)



#26

2-Nitrophenol

Concen: 37.230 ng

RT: 9.73 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

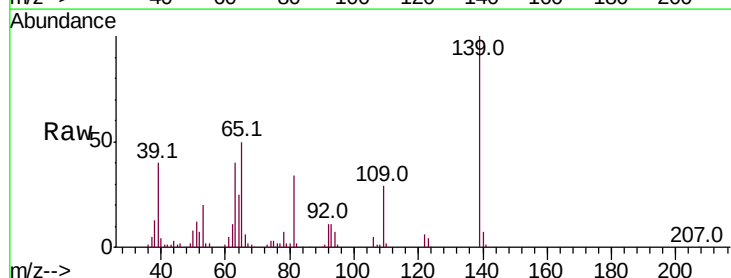
Tgt Ion: 139 Resp: 203914

Ion Ratio Lower Upper

139 100

109 28.9 22.6 33.8

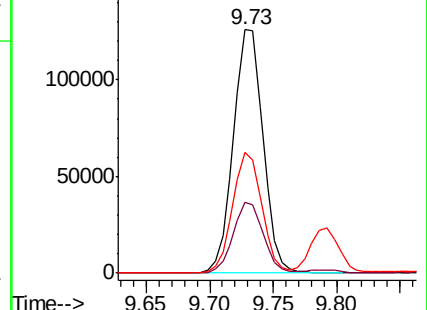
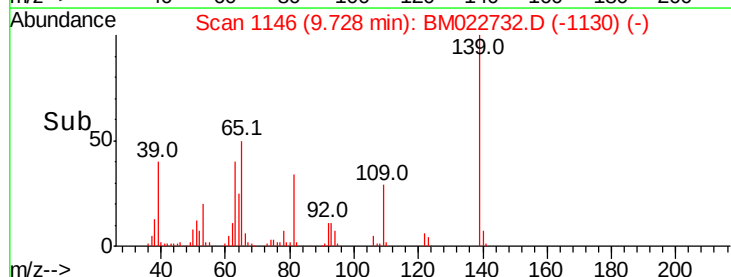
65 49.6 37.0 55.4

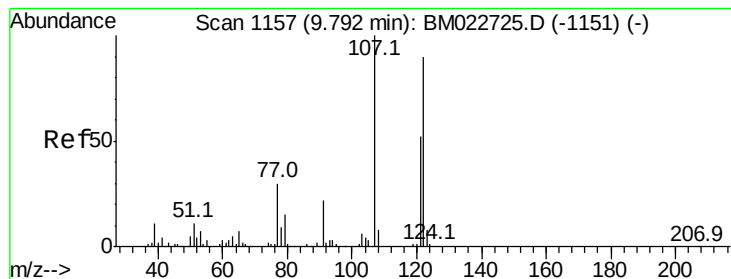


Abundance Ion 139.00 (138.70 to 139.70): BM022732.D (-1139) (-)

Ion 109.00 (108.70 to 109.70): BM022732.D (-1139) (-)

Ion 65.00 (64.70 to 65.70): BM022732.D (-1139) (-)

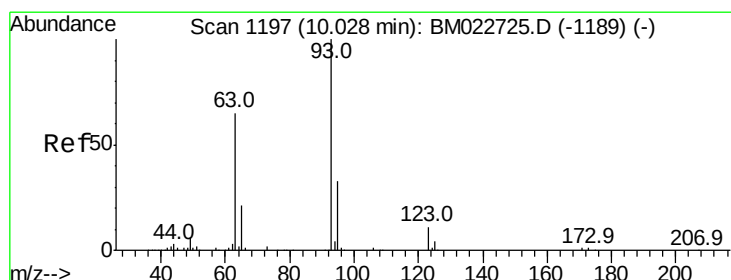
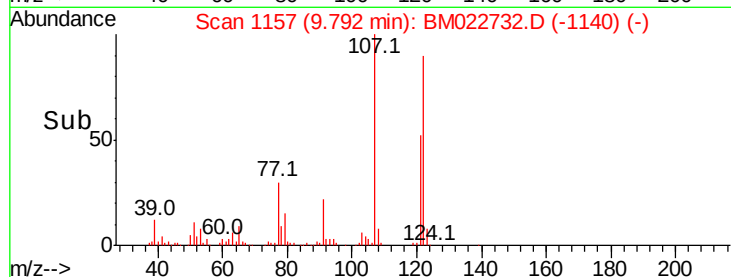
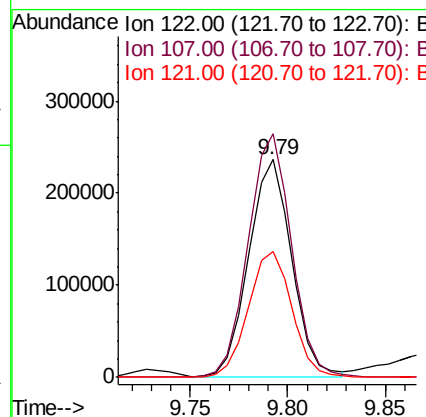
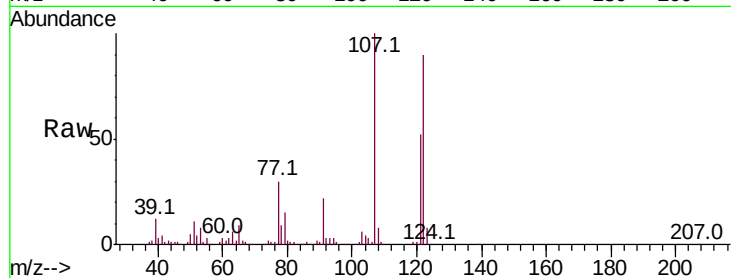




#27
 2,4-Dimethylphenol
 Concen: 39.104 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

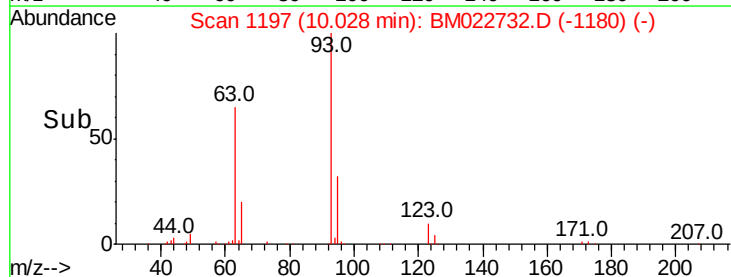
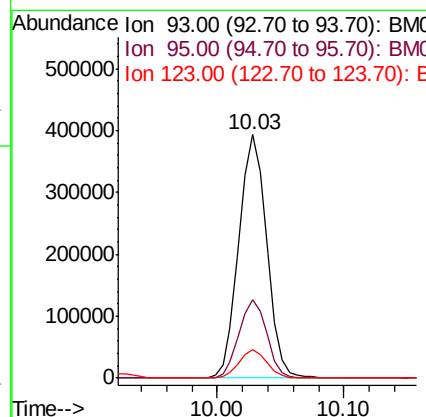
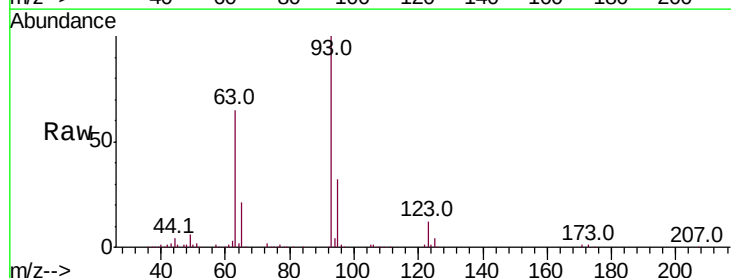
Instrument :
 BNA_M
 ClientSampleId :

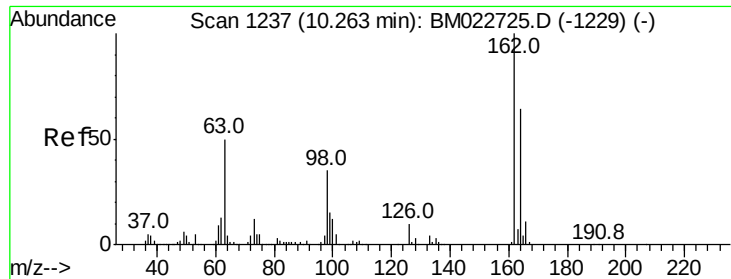
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	88.9	133.3
121	57.9	46.5	69.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.770 ng
 RT: 10.03 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.0	39.0
123	11.6	9.0	13.6

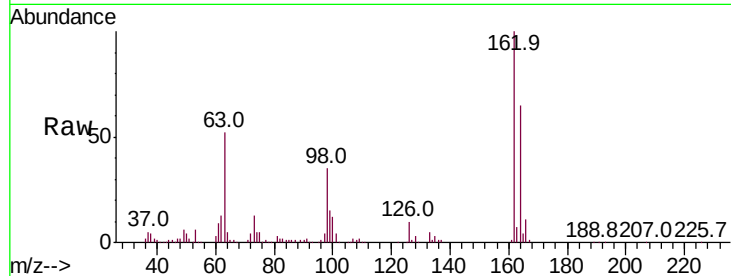




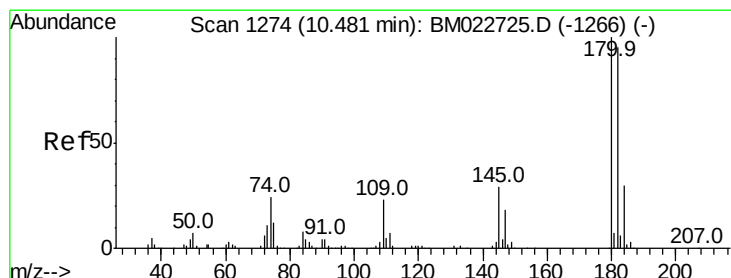
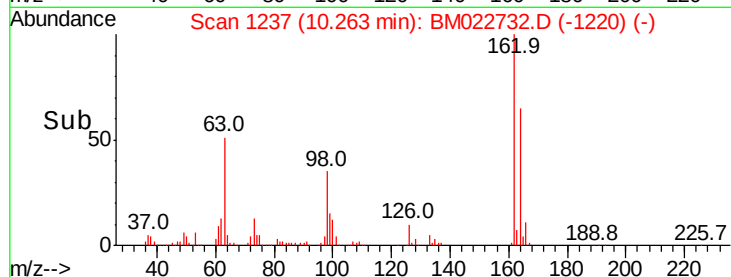
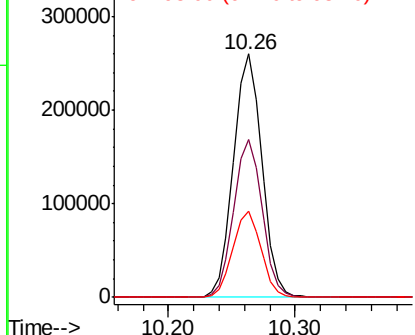
#29
 2,4-Dichlorophenol
 Concen: 38.963 ng
 RT: 10.26 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.4	84.4
98	35.3	14.8	54.8

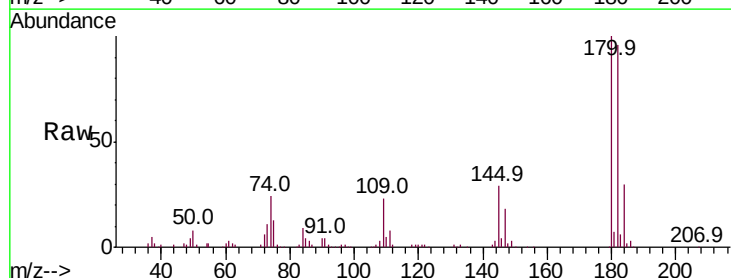


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

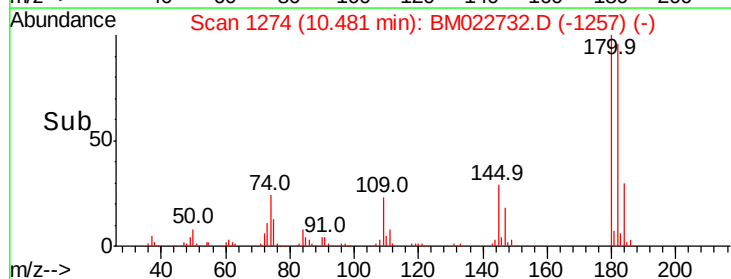
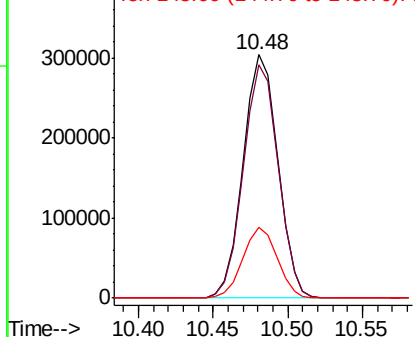


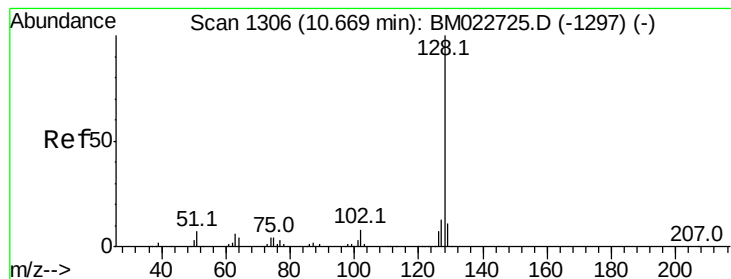
#30
 1,2,4-Trichlorobenzene
 Concen: 38.448 ng
 RT: 10.48 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.2	114.2
145	29.2	23.0	34.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.063 ng

RT: 10.67 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampled :

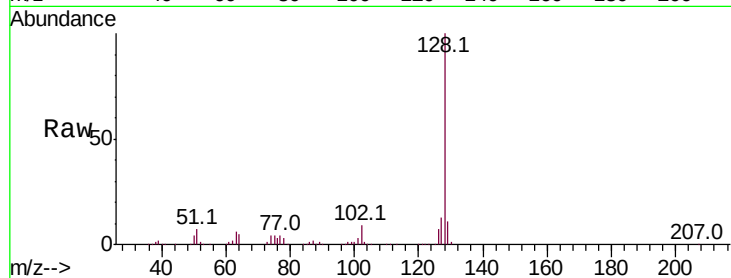
Tot Ion:128 Resp: 1420739

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

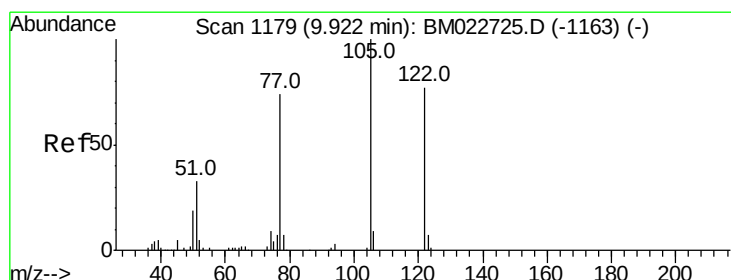
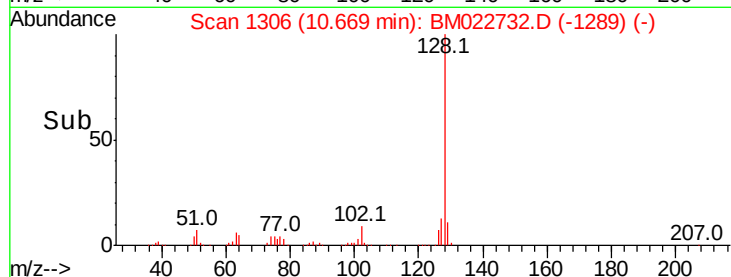
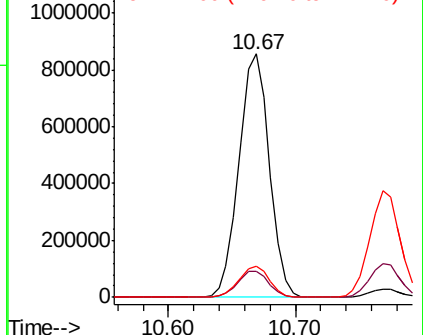
127 12.9 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.736 ng

RT: 9.93 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

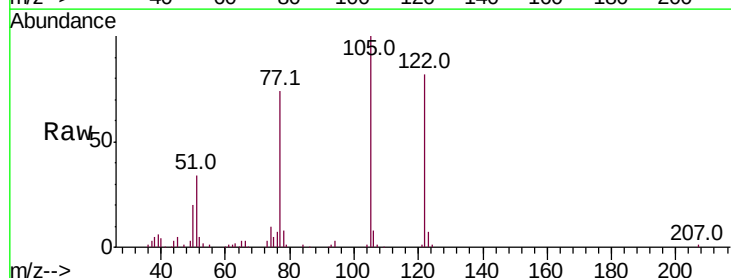
Tgt Ion:122 Resp: 266222

Ion Ratio Lower Upper

122 100

105 121.3 105.3 145.3

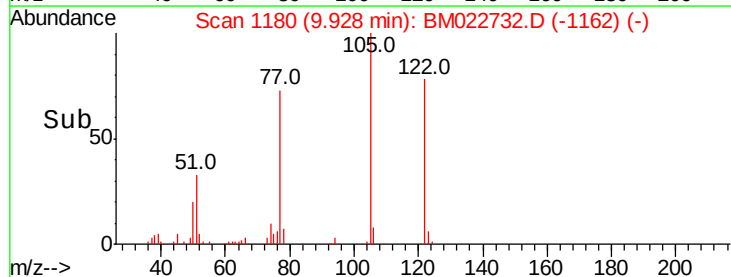
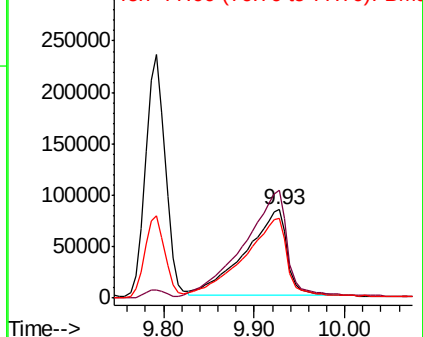
77 90.0 74.7 114.7

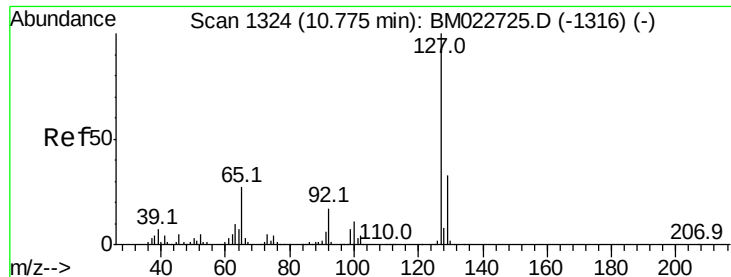


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

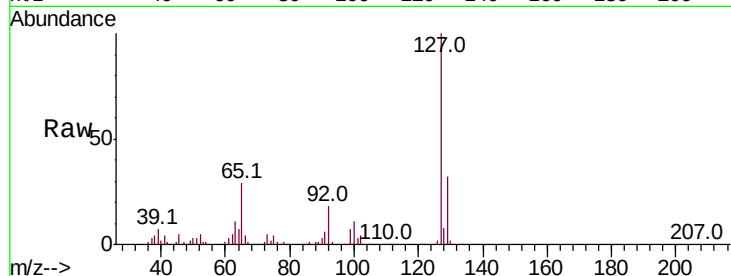




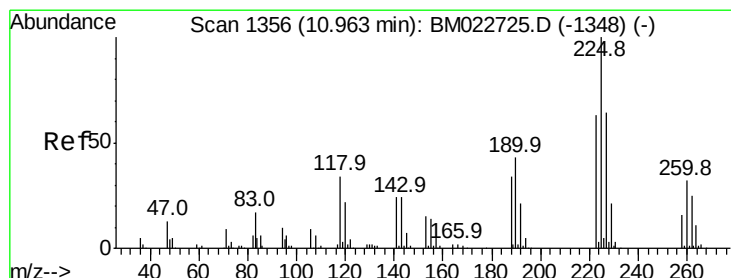
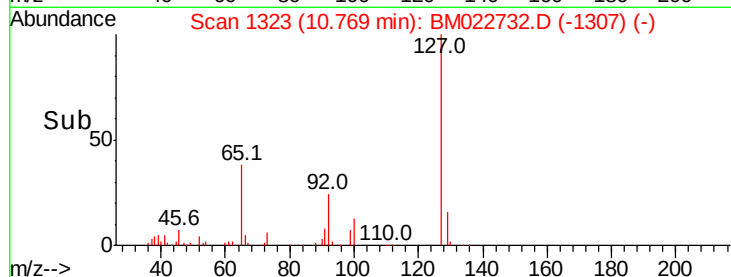
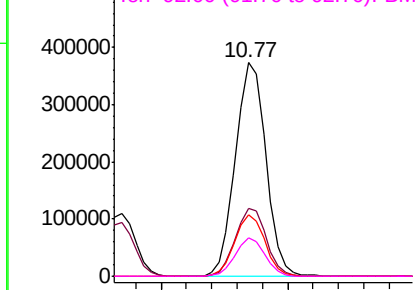
#33
4-Chloroaniline
Concen: 39.515 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	623999
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	28.6	22.0	33.0
92	18.0	13.8	20.8

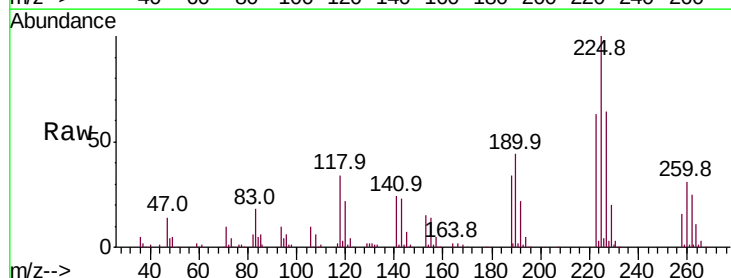


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

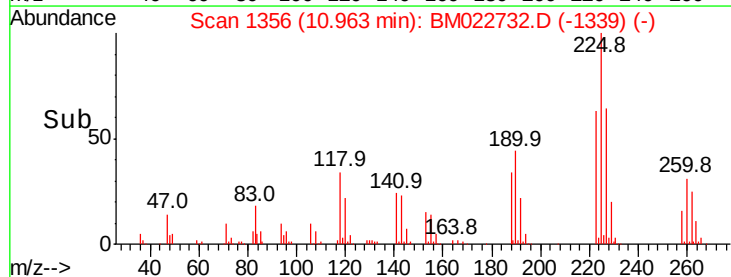
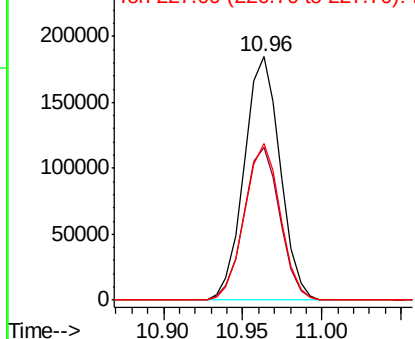


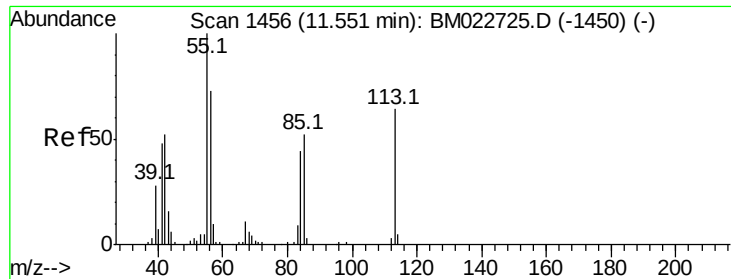
#34
Hexachlorobutadiene
Concen: 38.310 ng
RT: 10.96 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

Tgt Ion:	225	Resp:	291280
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.4
227	64.5	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: 38.941 ng

RT: 11.55 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampleId :

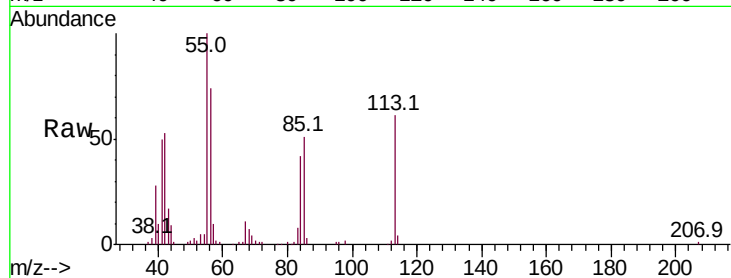
Tot Ion:113 Resp: 119680

Ion Ratio Lower Upper

113 100

55 164.3 136.8 176.8

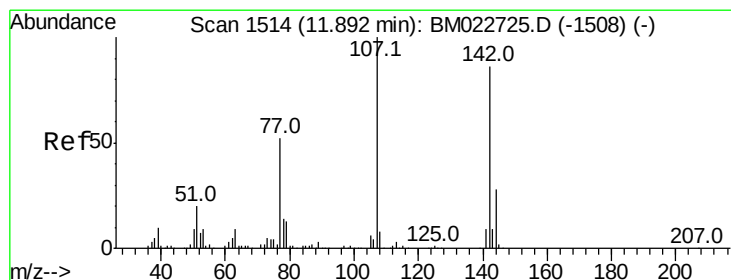
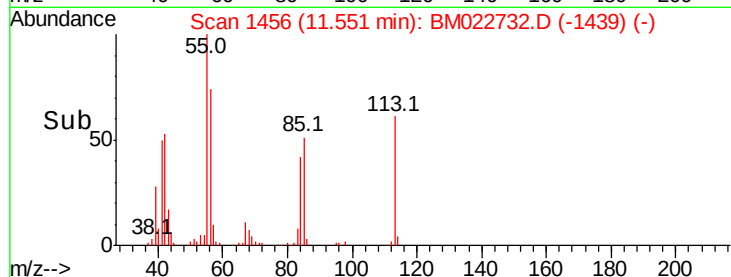
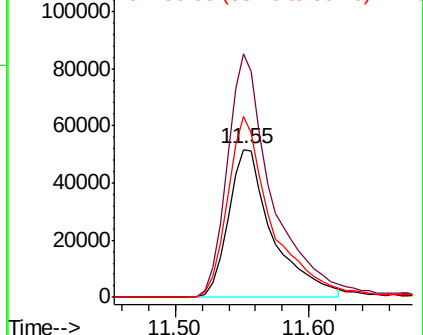
56 121.9 95.2 135.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 39.387 ng

RT: 11.89 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

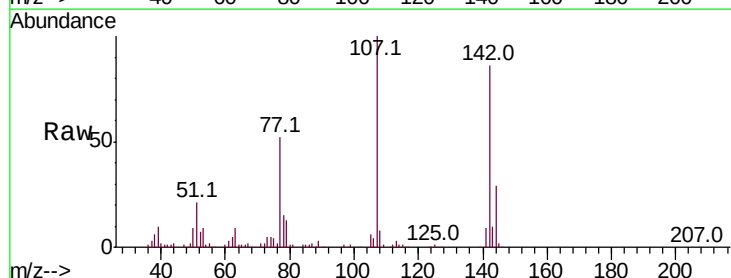
Tgt Ion:107 Resp: 398375

Ion Ratio Lower Upper

107 100

144 28.7 22.4 33.6

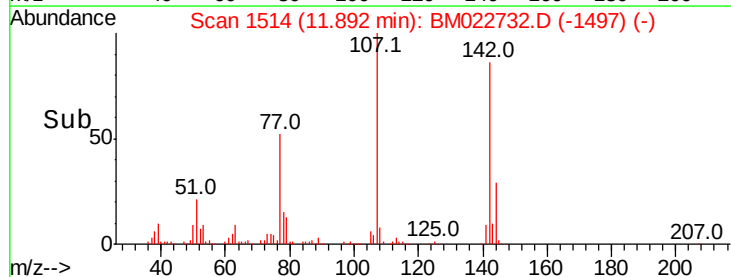
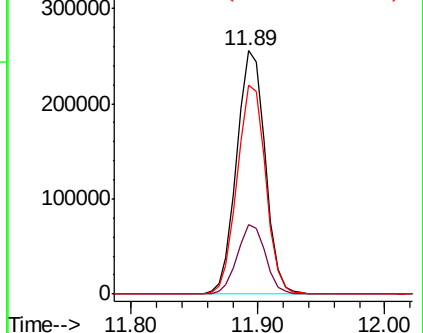
142 86.0 68.2 102.4

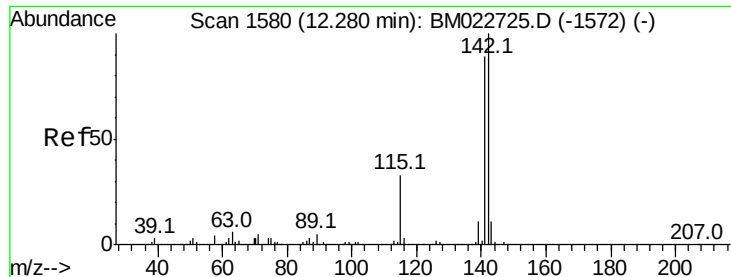


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

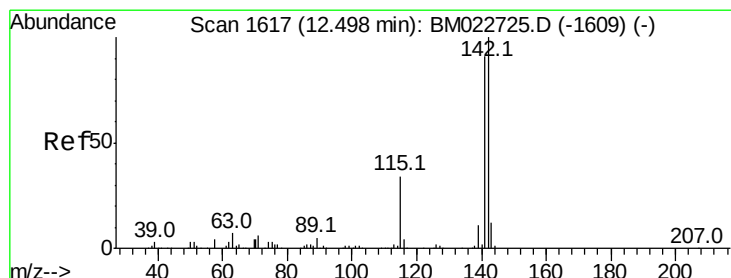
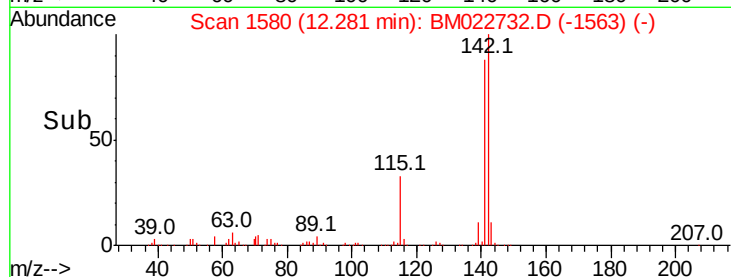
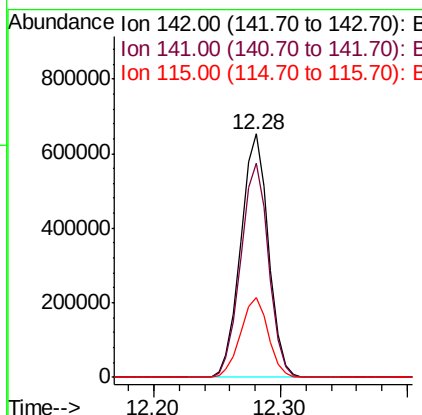
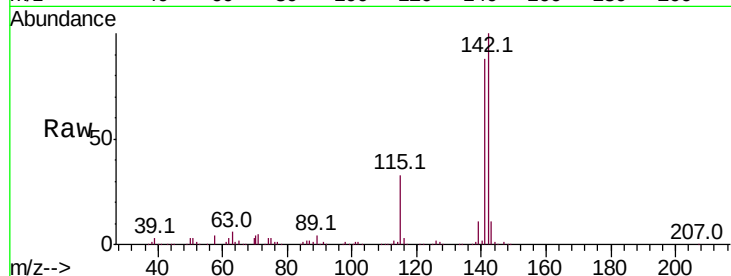




#37
2-Methylnaphthalene
Concen: 39.010 ng
RT: 12.28 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

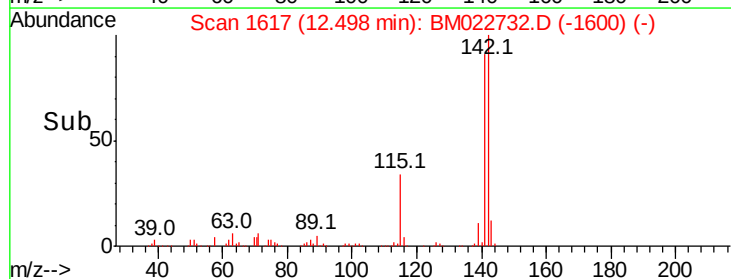
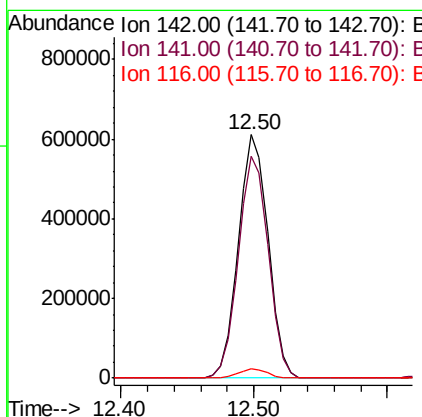
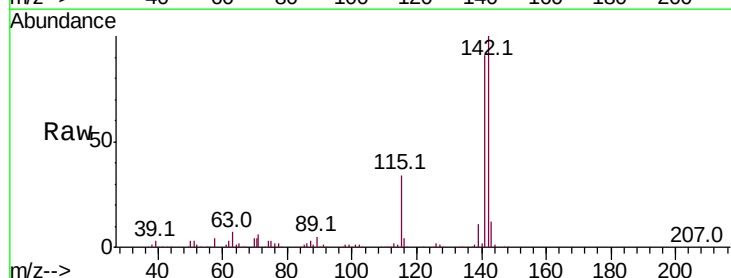
Instrument :
BNA_M
ClientSampleId :

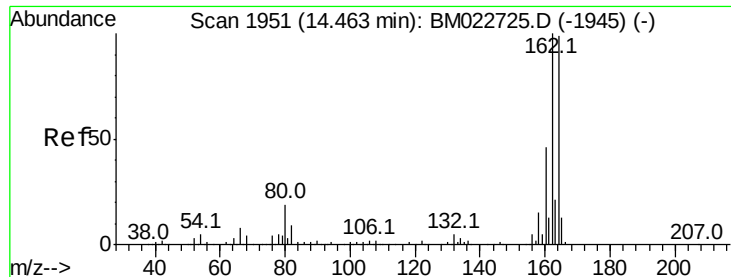
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.5	107.3
115	32.7	26.1	39.1



#38
1-Methylnaphthalene
Concen: 39.141 ng
RT: 12.50 min Scan# 1617
Delta R.T. 0.00 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.0	109.4
116	3.7	2.9	4.3

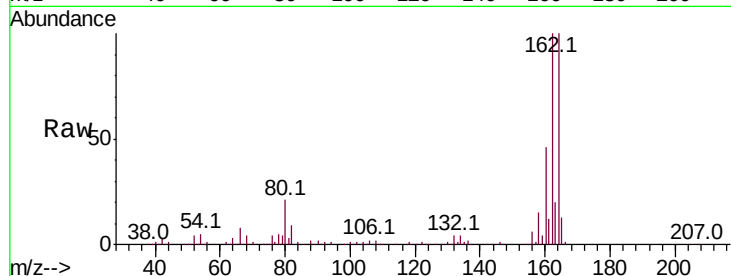




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.1	121.7
160	45.6	36.9	55.3

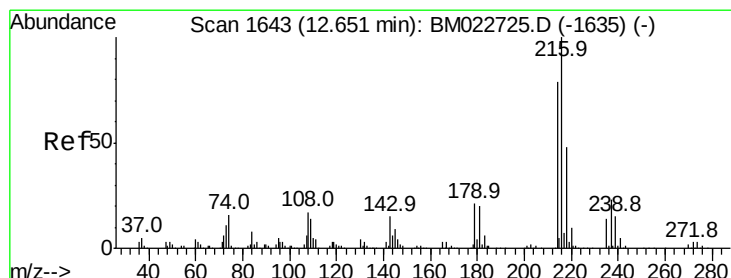
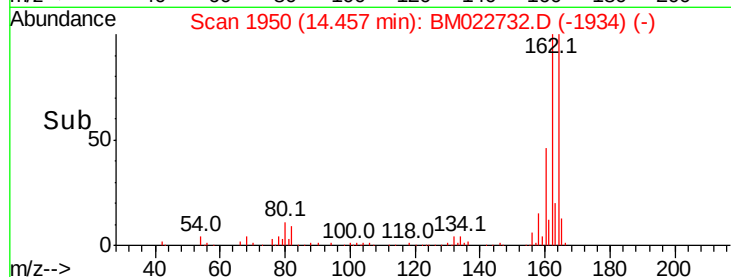
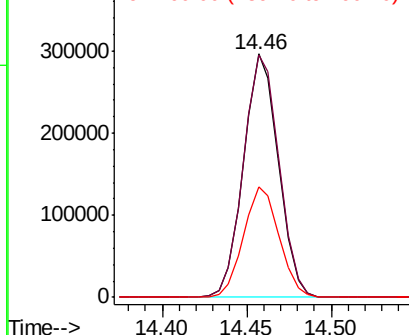


Abundance

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: 43.868 ng
RT: 12.65 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.9	94.3
179	20.9	16.6	24.8
108	18.2	14.2	21.4

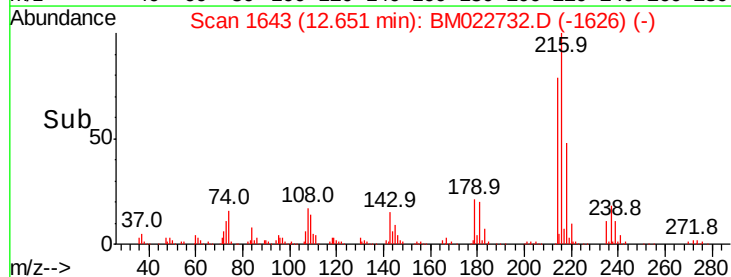
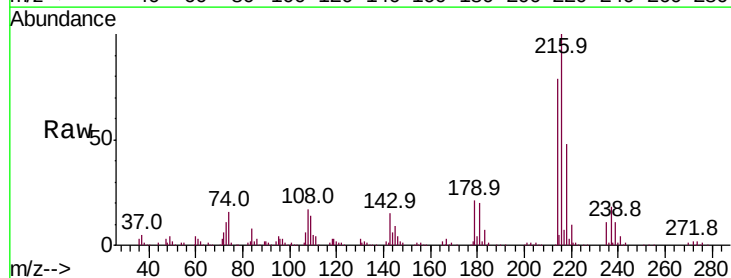
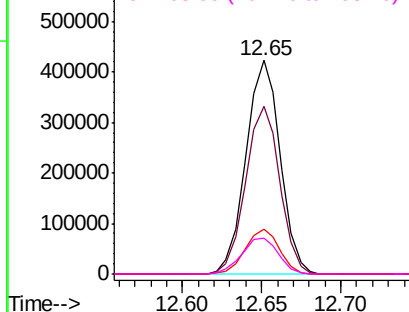
Abundance

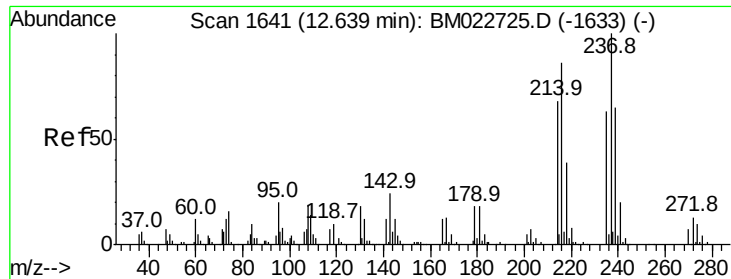
Ion 216.00 (215.70 to 216.70): E

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

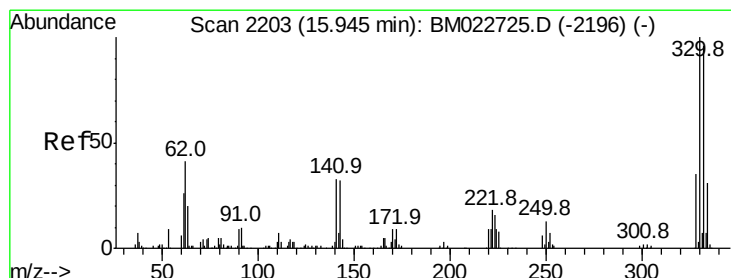
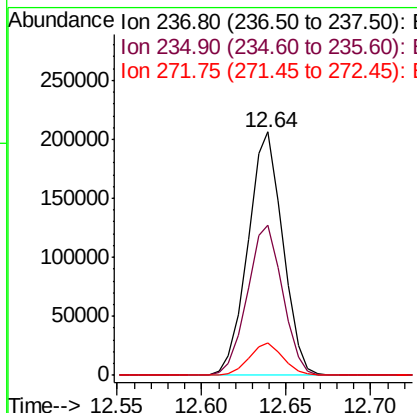
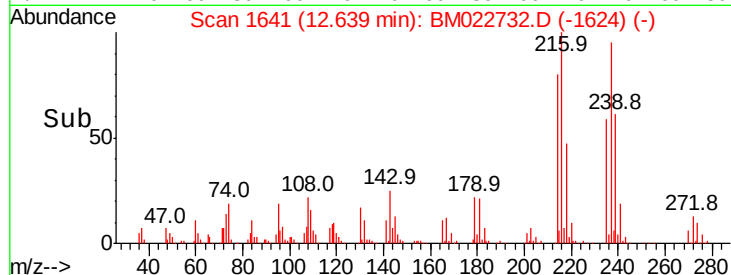
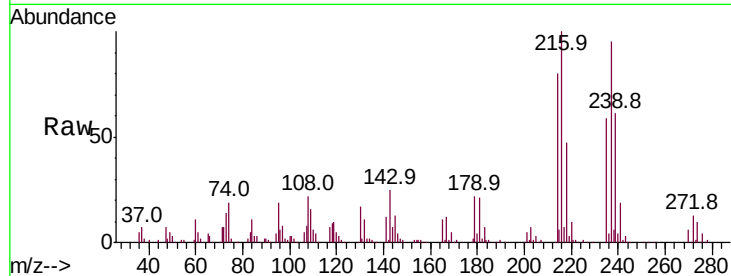




#41
 Hexachlorocyclopentadiene
 Concen: 37.580 ng
 RT: 12.64 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

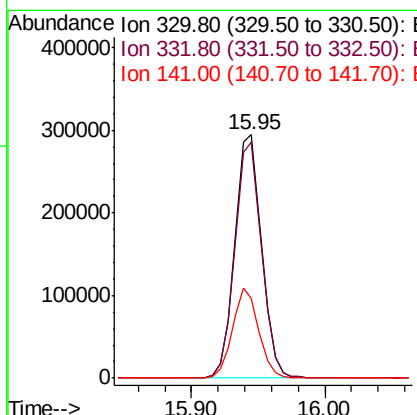
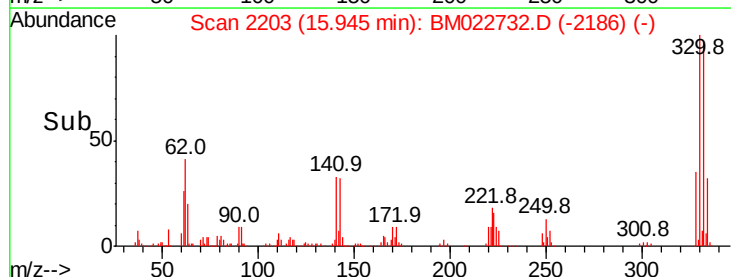
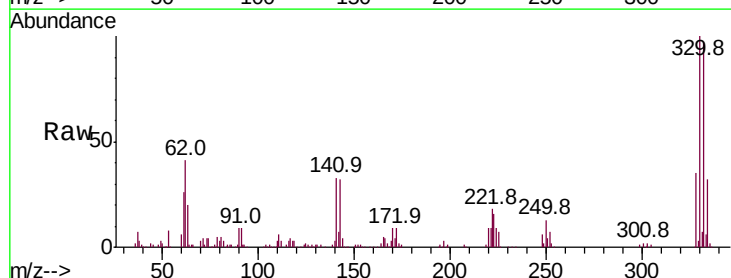
Instrument :
 BNA_M
 ClientSampled :

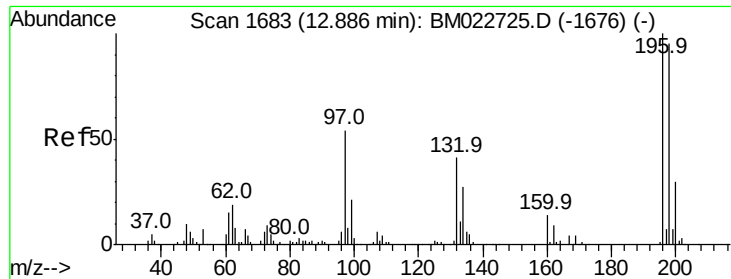
Tot Ion:	237	Resp:	295866
Ion Ratio	Lower	Upper	
237	100		
235	61.7	43.3	83.3
272	13.2	0.0	32.6



#42
 2,4,6-Tribromophenol
 Concen: 77.534 ng
 RT: 15.95 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Tgt Ion:	330	Resp:	412174
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.9	115.3
141	36.2	28.6	42.8

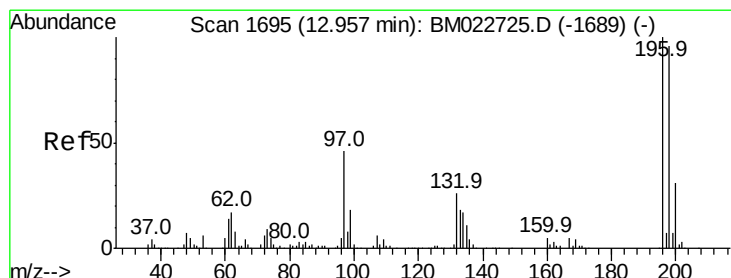
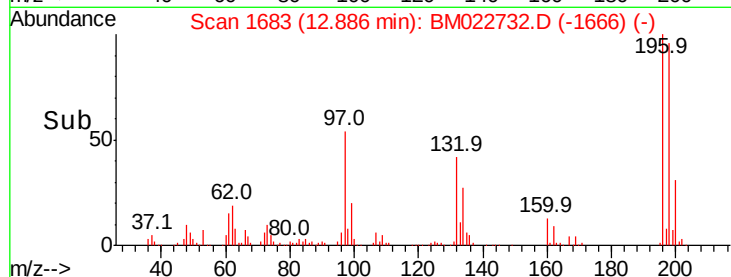
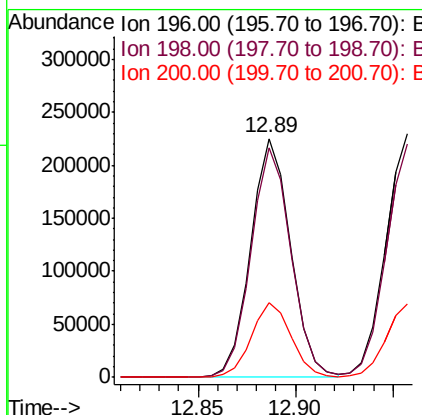
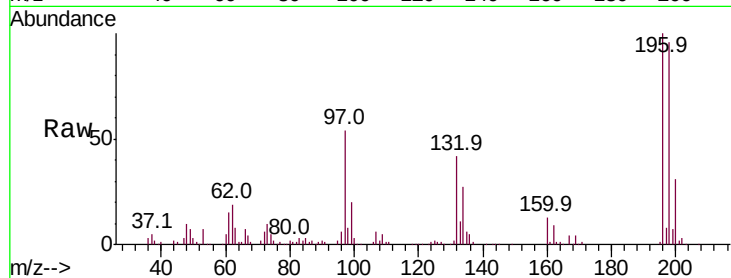




#43
 2,4,6-Trichlorophenol
 Concen: 38.309 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

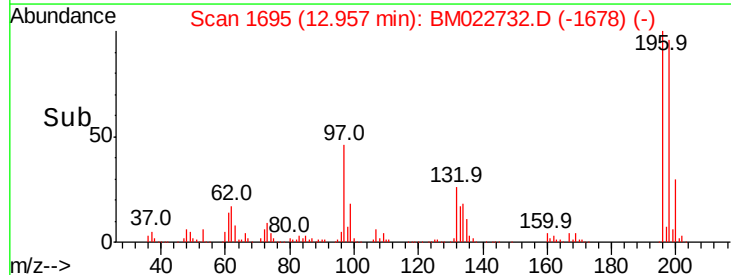
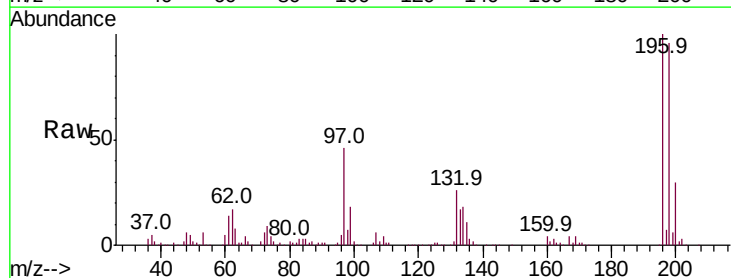
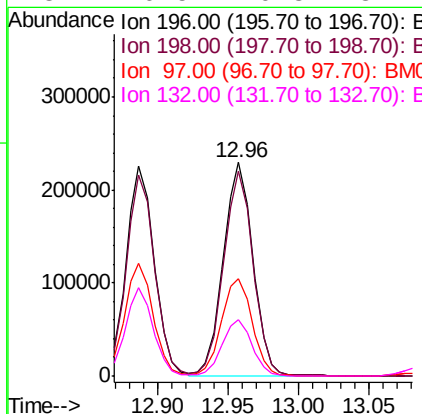
Instrument :
 BNA_M
 ClientSampled :

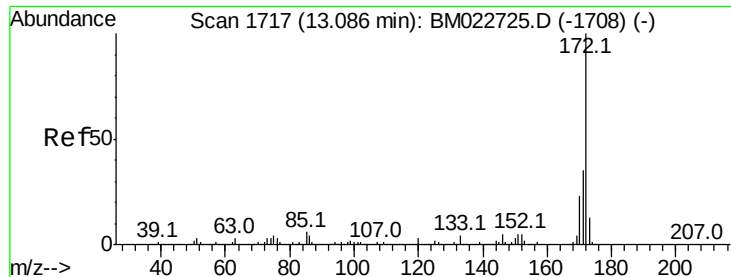
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.3	114.5
200	31.1	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.472 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.0	115.4
97	45.8	37.2	55.8
132	26.5	20.8	31.2





#45

2-Fluorobiphenyl

Concen: 78.491 ng

RT: 13.08 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

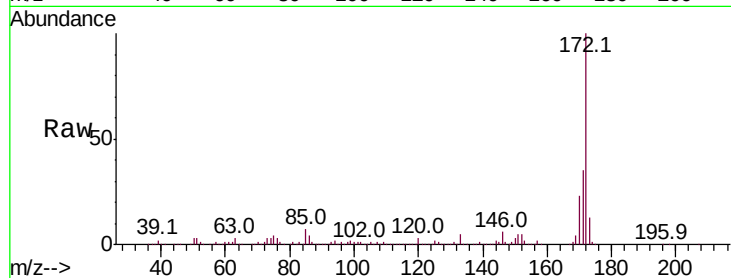
Instrument :

BNA_M

ClientSampleId :

Tot Ion:172 Resp: 2427335

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.8
170	23.3	18.7	28.1

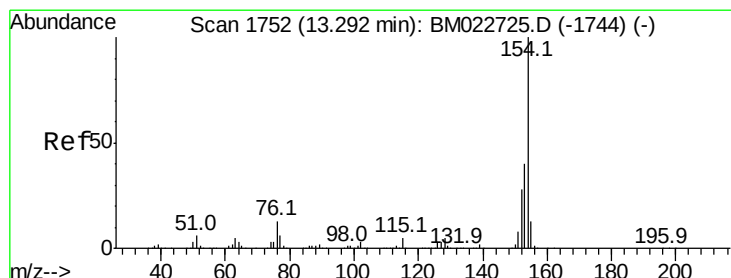
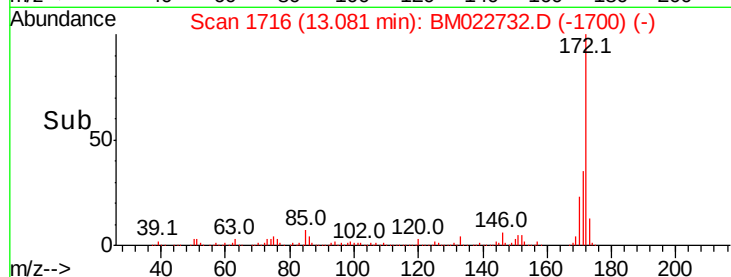
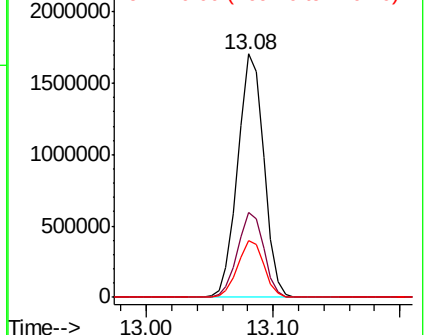


Abundance

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: 43.151 ng

RT: 13.29 min Scan# 1752

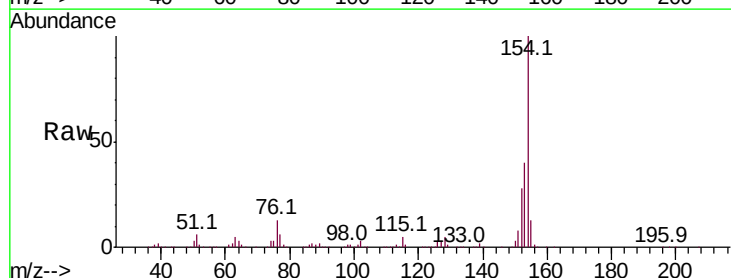
Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Tgt Ion:154 Resp: 1520848

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.1	60.1
76	12.8	0.0	32.6

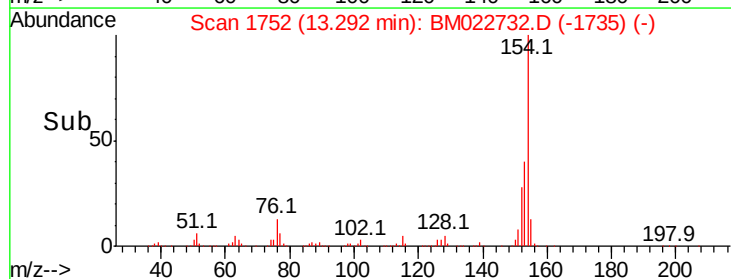
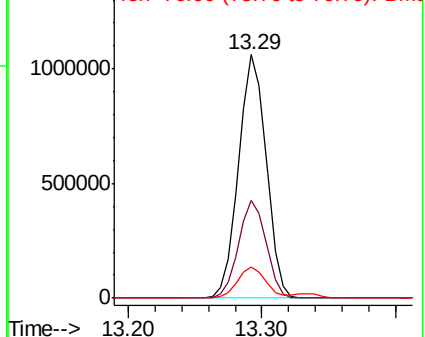


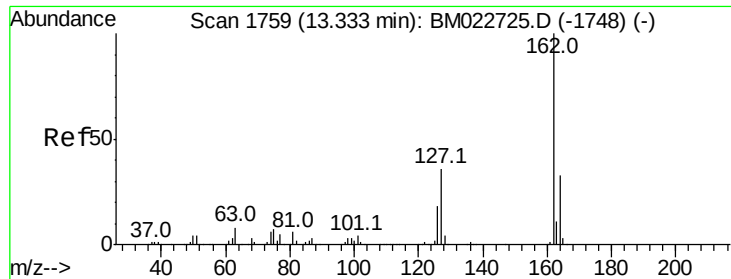
Abundance

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): BM



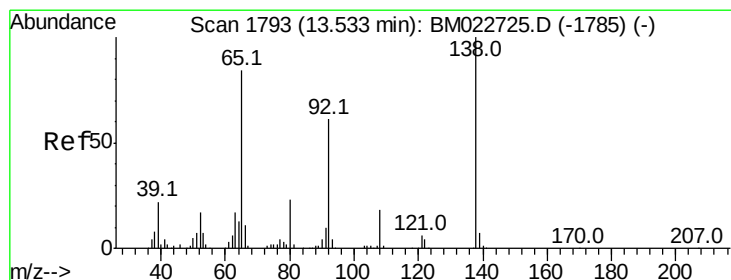
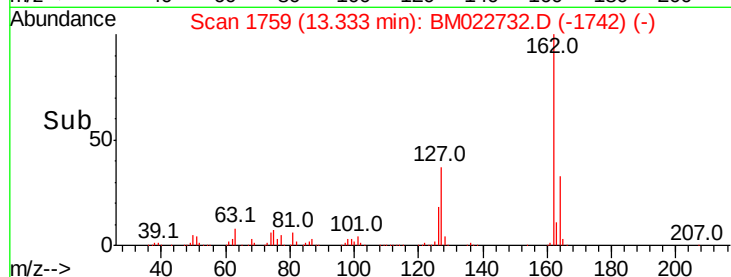
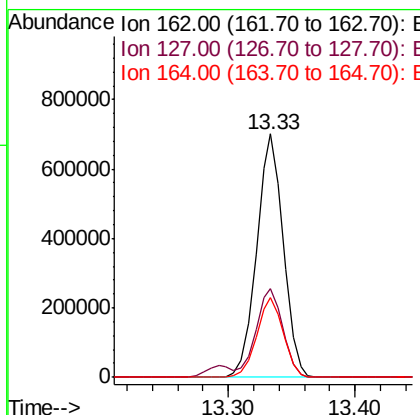
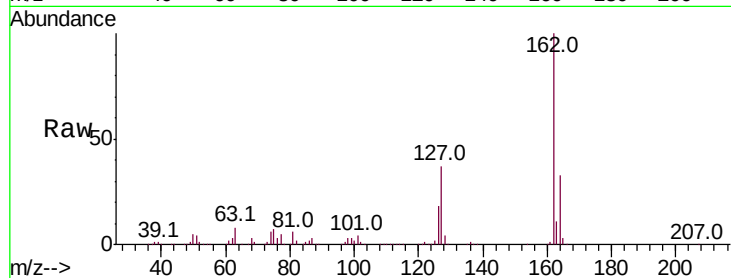


#47
 2-Chloronaphthalene
 Concen: 38.939 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:162 Resp: 1022900

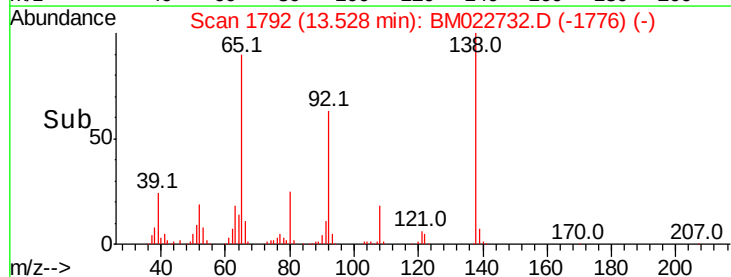
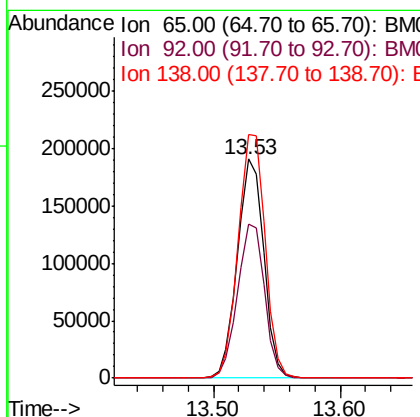
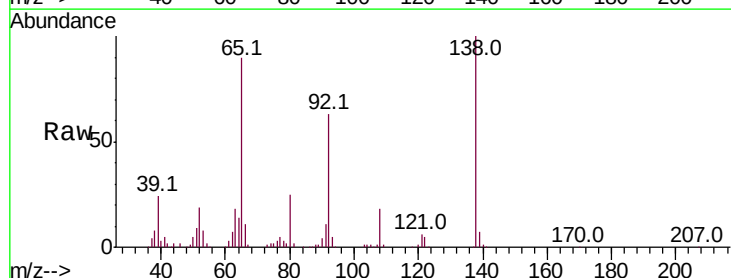
Ion	Ratio	Lower	Upper
162	100		
127	36.5	29.0	43.6
164	32.9	26.0	39.0

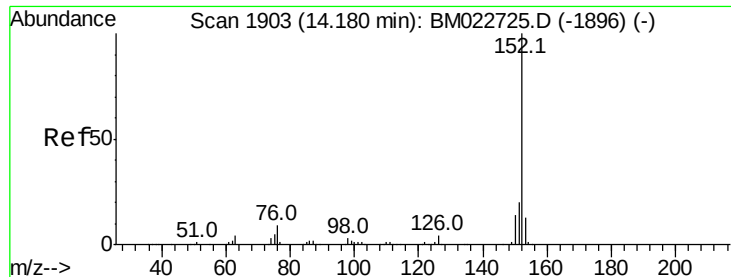


#48
 2-Nitroaniline
 Concen: 40.302 ng
 RT: 13.53 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Tgt Ion: 65 Resp: 275685

Ion	Ratio	Lower	Upper
65	100		
92	70.6	58.6	87.8
138	111.1	95.4	143.0





#49

Acenaphthylene

Concen: 38.927 ng

RT: 14.18 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampled :

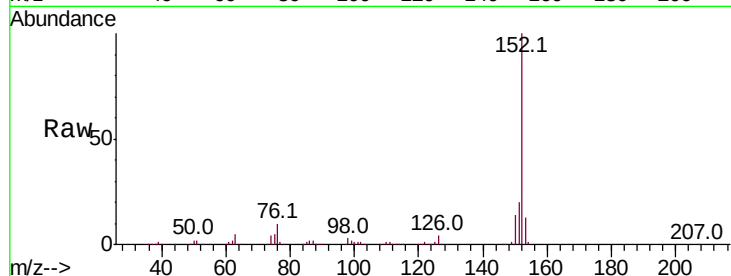
Tot Ion:152 Resp: 1514310

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

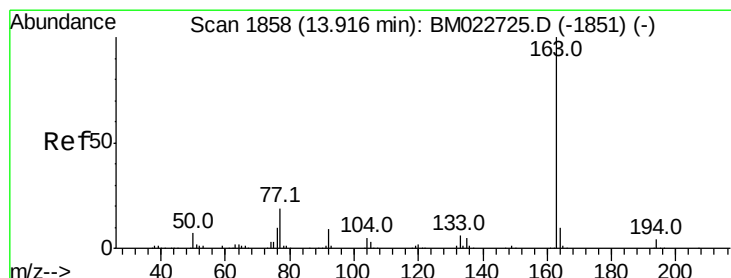
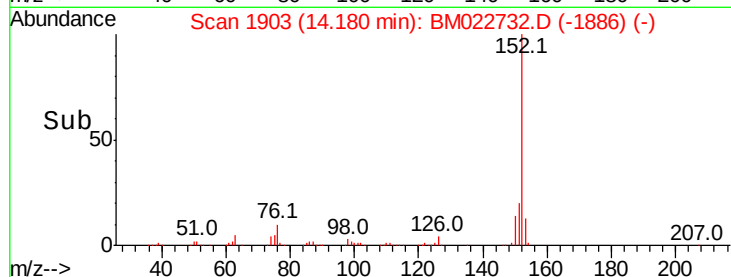
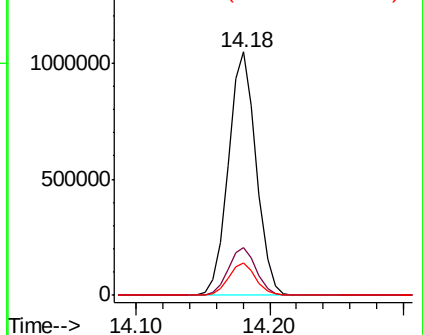
153 13.1 10.5 15.7



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: 38.730 ng

RT: 13.92 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

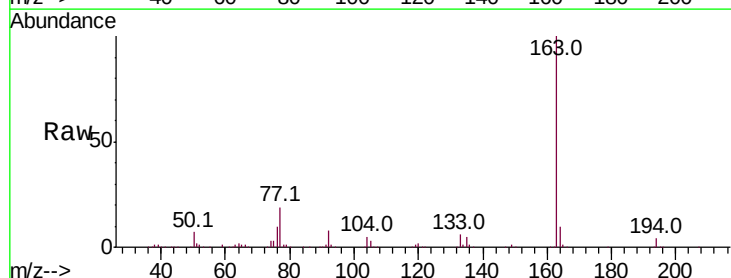
Tgt Ion:163 Resp: 1191923

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

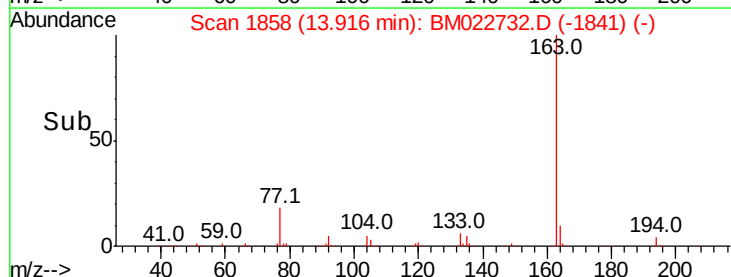
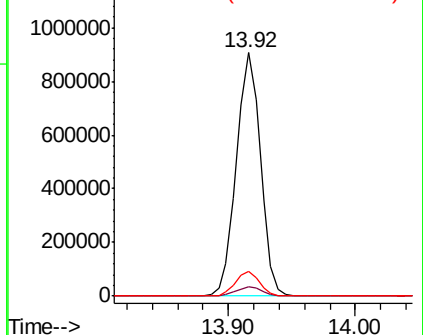
164 10.2 8.2 12.2

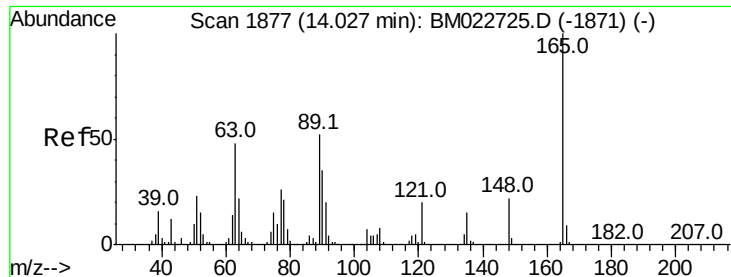


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

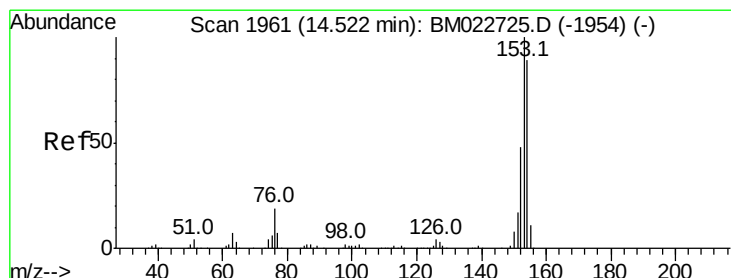
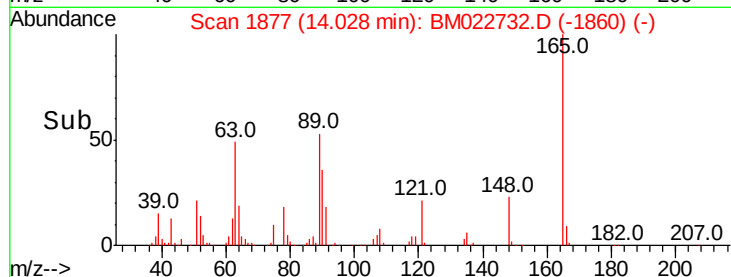
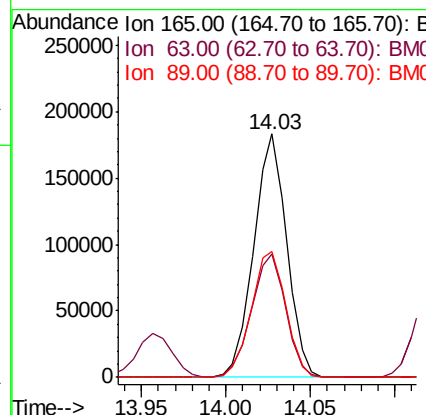
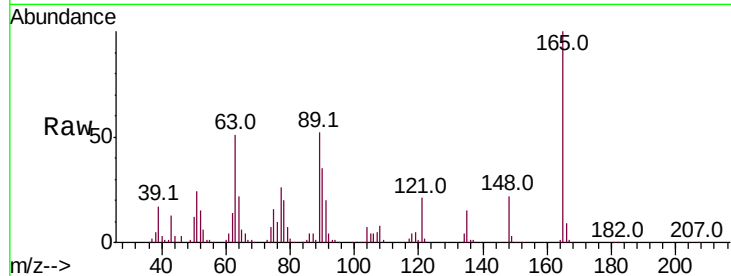




#51
 2,6-Dinitrotoluene
 Concen: 38.636 ng
 RT: 14.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

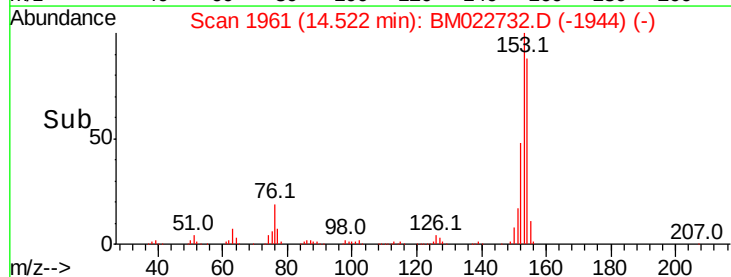
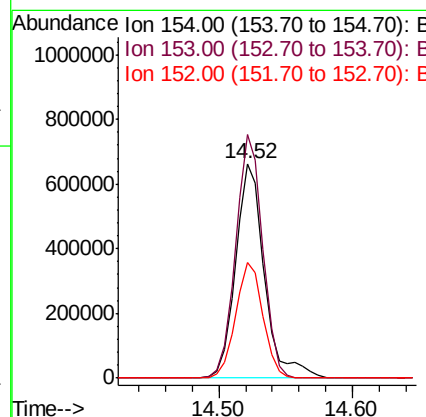
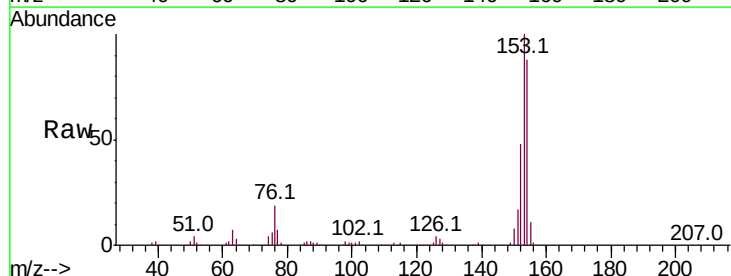
Instrument :
 BNA_M
 ClientSampled :

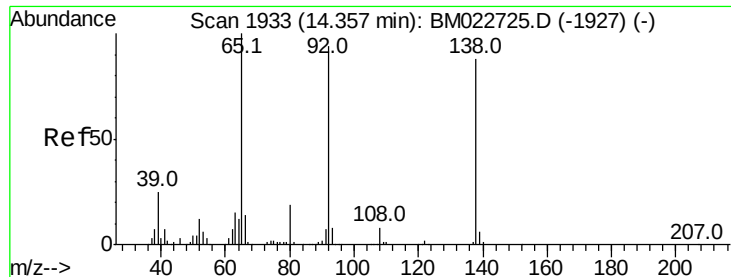
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.5	38.6	58.0
89	51.8	41.6	62.4



#52
 Acenaphthene
 Concen: 39.202 ng
 RT: 14.52 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.0	135.0
152	54.1	42.9	64.3

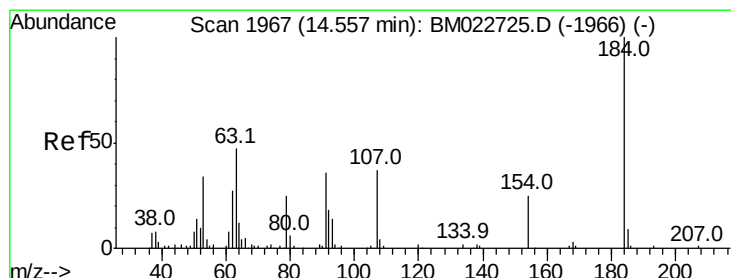
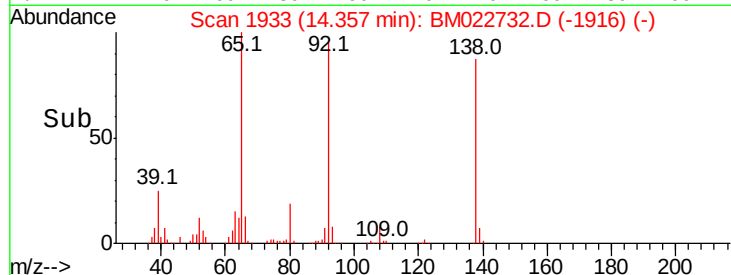
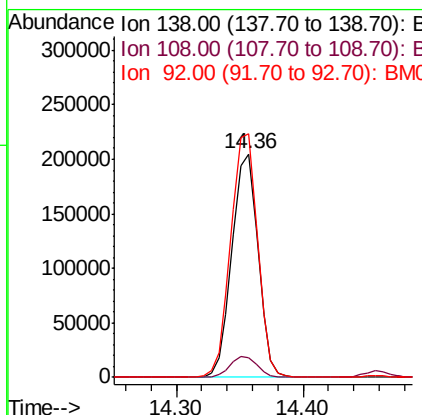
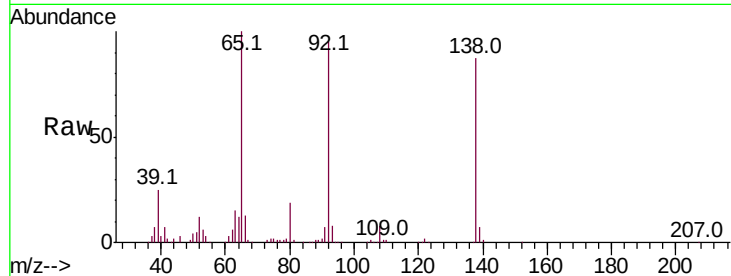




#53
 3-Nitroaniline
 Concen: 39.442 ng
 RT: 14.36 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

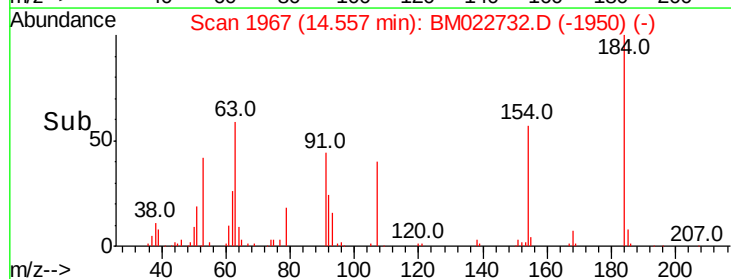
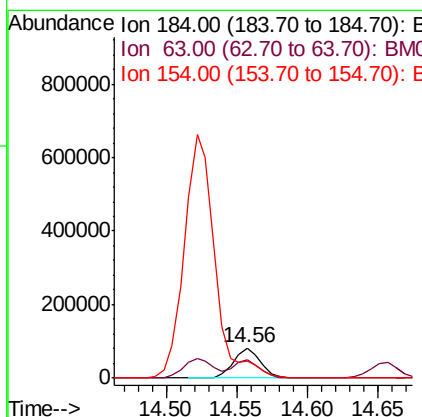
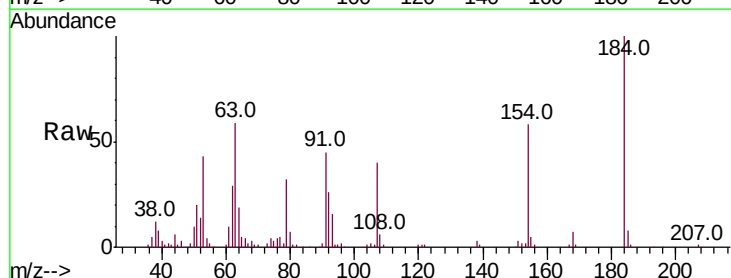
Instrument :
 BNA_M
 ClientSampleId :

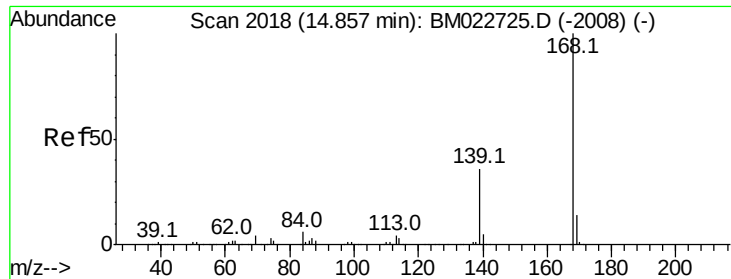
Tot Ion:138 Resp: 292296
 Ion Ratio Lower Upper
 138 100
 108 9.0 7.3 10.9
 92 109.1 86.3 129.5



#54
 2,4-Dinitrophenol
 Concen: 35.858 ng
 RT: 14.56 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Tgt Ion:184 Resp: 110421
 Ion Ratio Lower Upper
 184 100
 63 59.5 48.5 72.7
 154 58.2 48.1 72.1

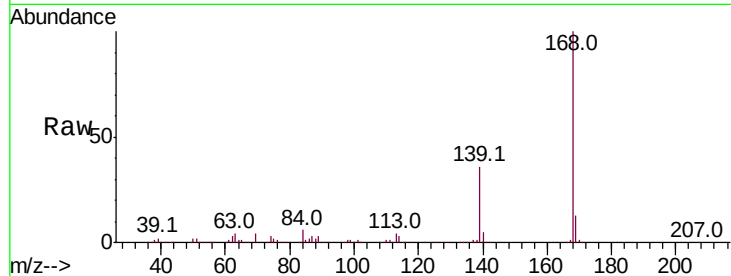




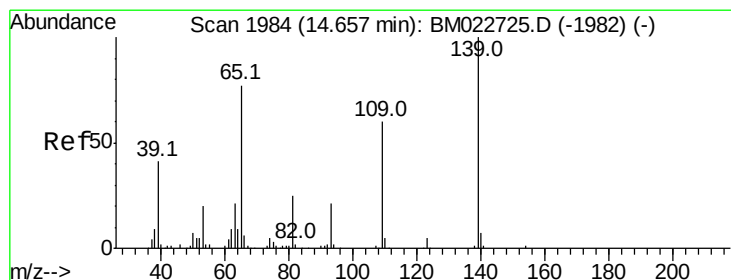
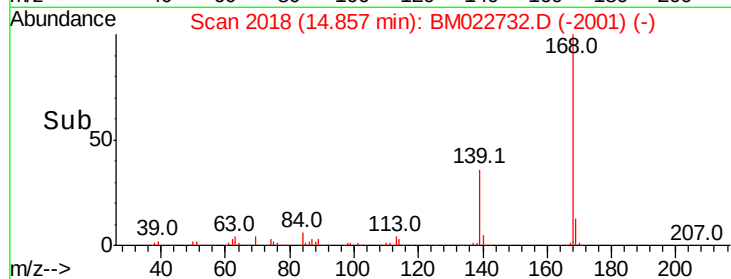
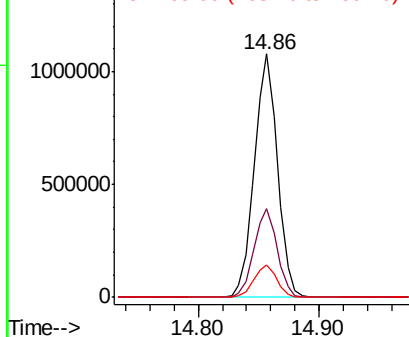
#55
Dibenzenofuran
Concen: 38.819 ng
RT: 14.86 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

Instrument :
BNA_M
ClientSampled :

Tot Ion:168 Resp: 1442312
Ion Ratio Lower Upper
168 100
139 36.3 28.8 43.2
169 13.2 10.9 16.3

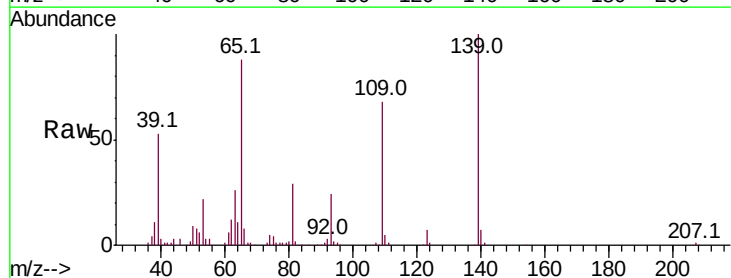


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

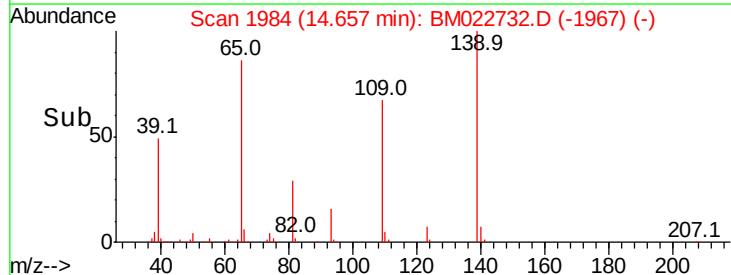
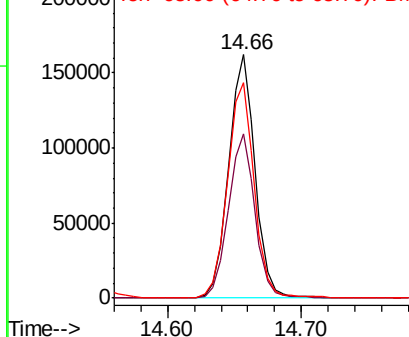


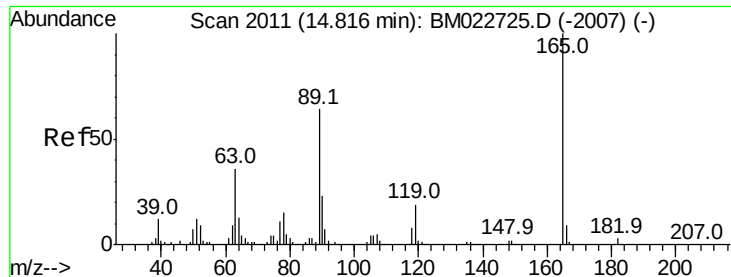
#56
4-Nitrophenol
Concen: 39.345 ng
RT: 14.66 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

Tgt Ion:139 Resp: 224113
Ion Ratio Lower Upper
139 100
109 67.6 44.8 84.8
65 88.5 66.6 106.6



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

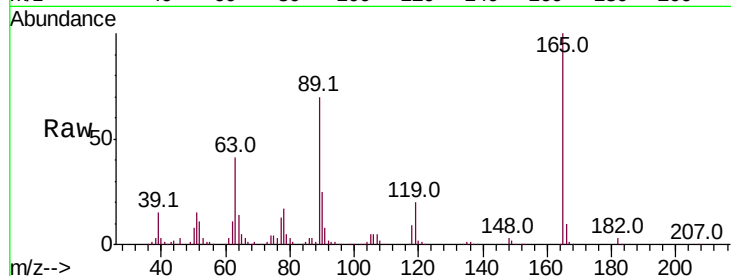




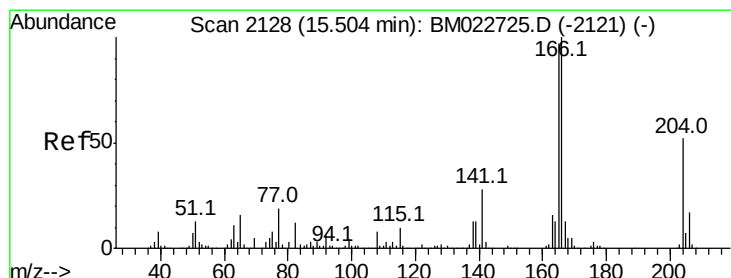
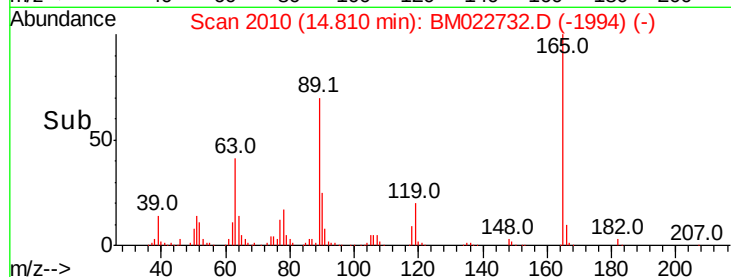
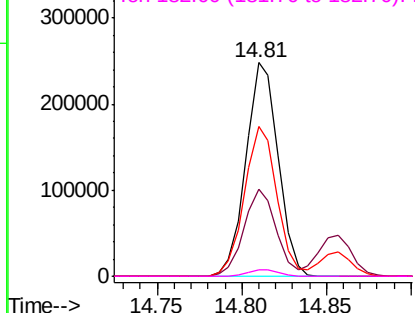
#57
 2,4-Dinitrotoluene
 Concen: 39.191 ng
 RT: 14.81 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 330510
 Ion Ratio Lower Upper
 165 100
 63 41.0 30.1 45.1
 89 70.3 52.5 78.7
 182 2.7 2.2 3.4

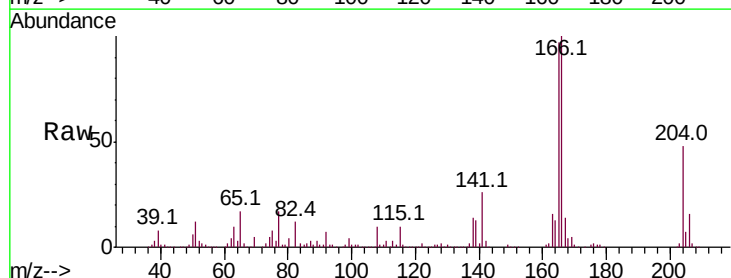


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

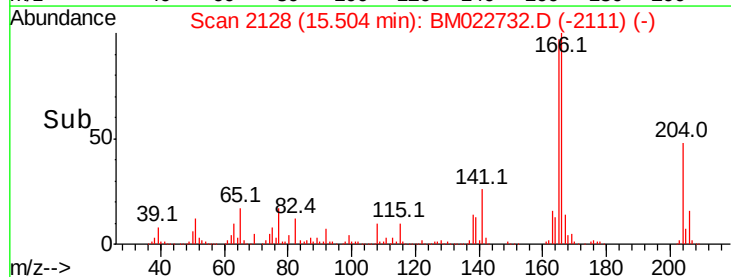
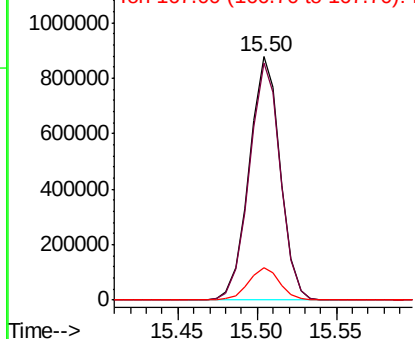


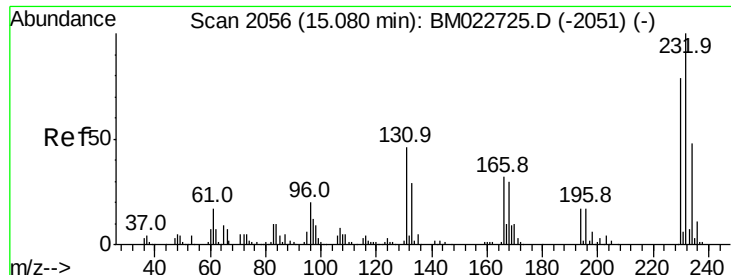
#58
 Fluorene
 Concen: 39.419 ng
 RT: 15.50 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Tgt Ion:166 Resp: 1190166
 Ion Ratio Lower Upper
 166 100
 165 97.4 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: 38.002 ng

RT: 15.08 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampleId :

Tot Ion:232 Resp: 287631

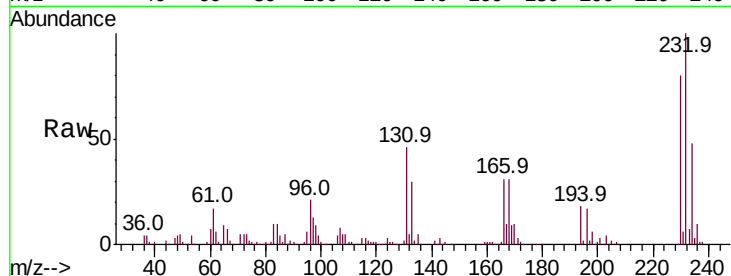
Ion Ratio Lower Upper

232 100

131 45.7 36.3 54.5

130 2.3 1.8 2.8

166 31.9 25.0 37.4

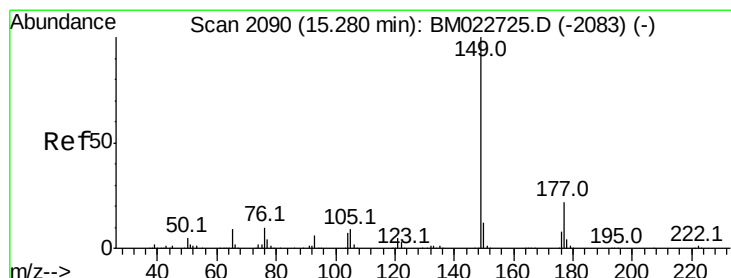
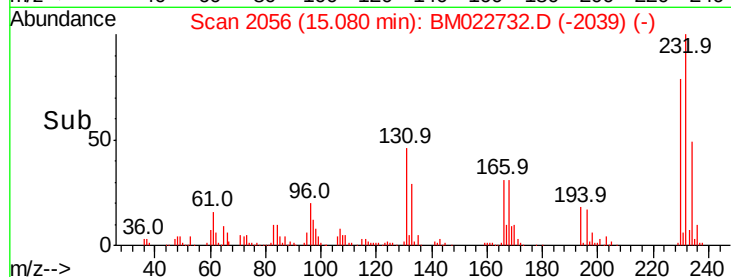
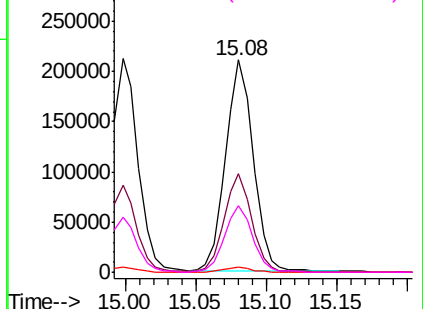


Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.955 ng

RT: 15.28 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

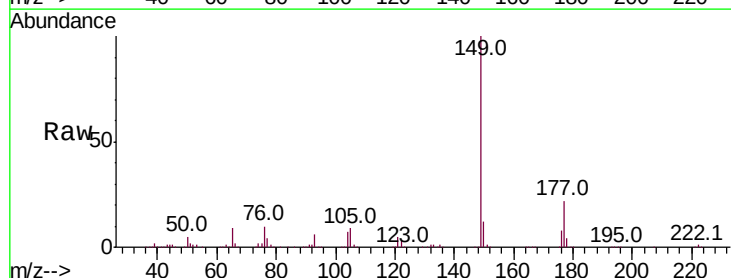
Tgt Ion:149 Resp: 1165702

Ion Ratio Lower Upper

149 100

177 22.2 17.6 26.4

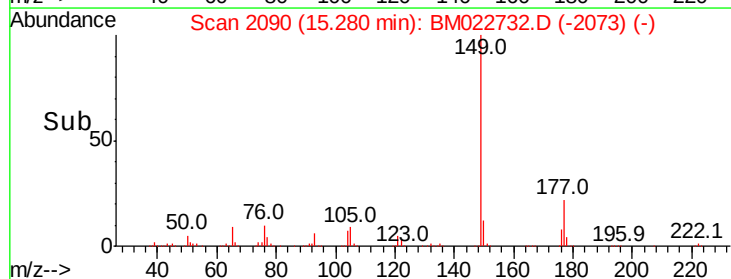
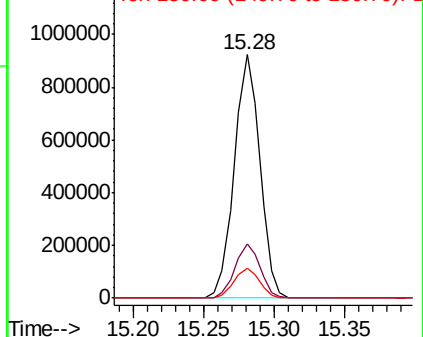
150 12.2 9.9 14.9

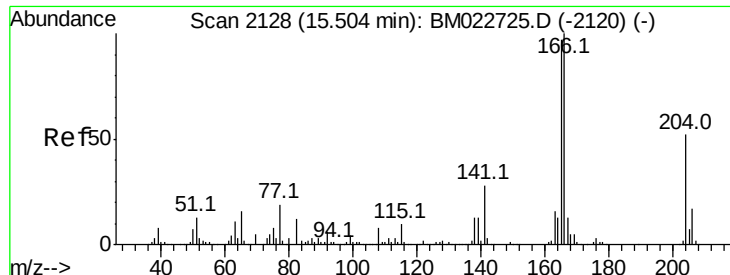


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

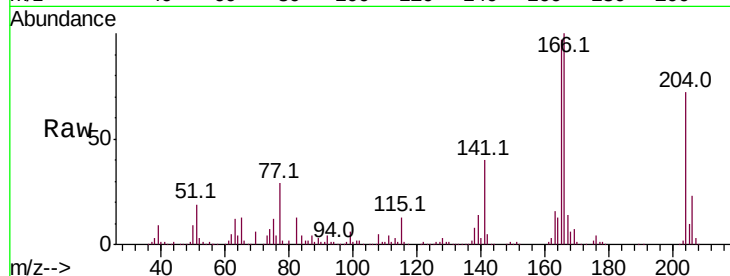




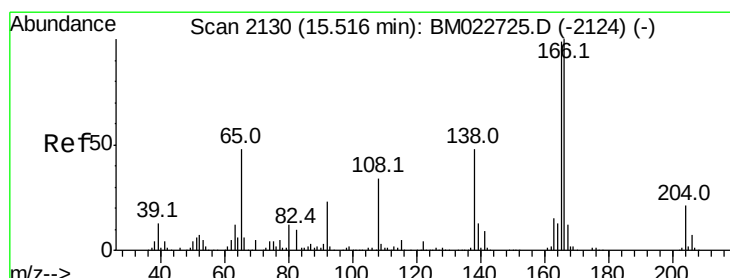
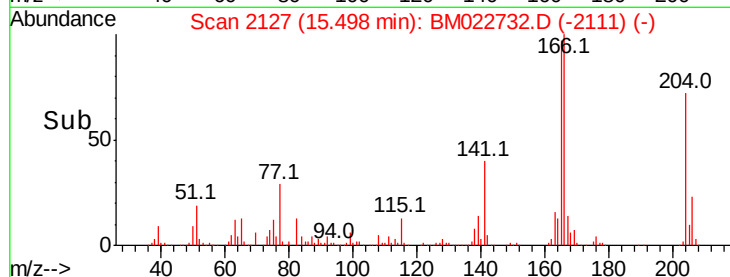
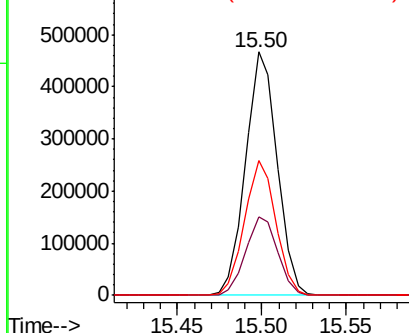
#61
 4-Chlorophenyl-phenylether
 Concen: 39.224 ng
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 608491
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.2 39.4
 141 55.6 42.6 64.0

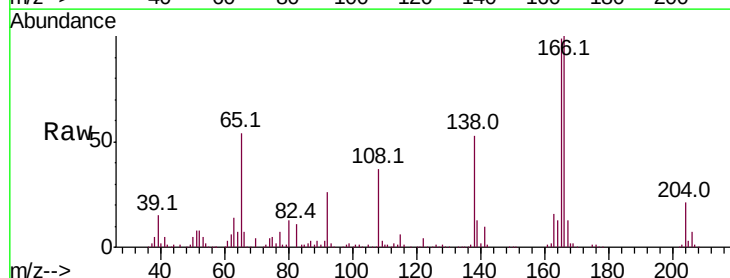


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

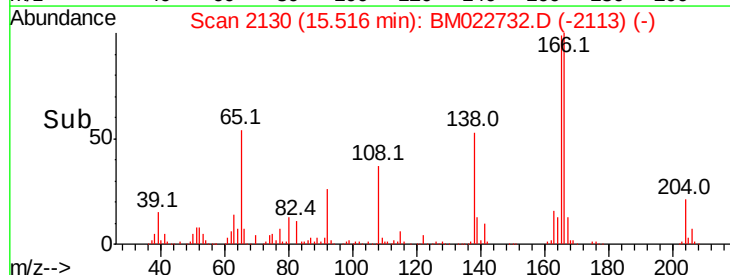
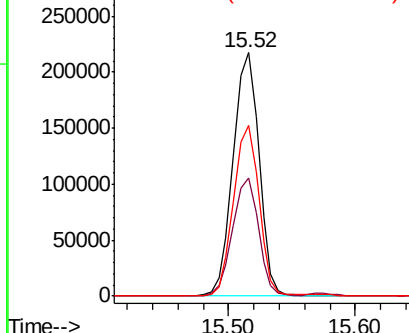


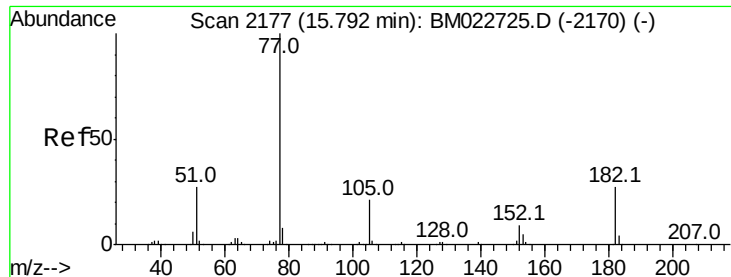
#62
 4-Nitroaniline
 Concen: 39.837 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Tgt Ion:138 Resp: 309512
 Ion Ratio Lower Upper
 138 100
 92 48.3 28.7 68.7
 108 70.3 50.3 90.3



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





#63

Azobenzene

Concen: 40.357 ng

RT: 15.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1090574

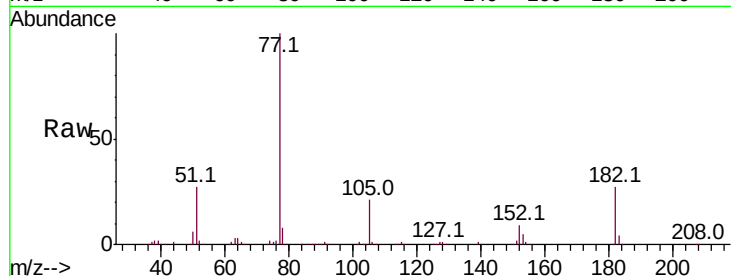
Ion Ratio Lower Upper

77 100

182 26.9 7.0 47.0

105 20.6 0.9 40.9

51 26.9 6.6 46.6

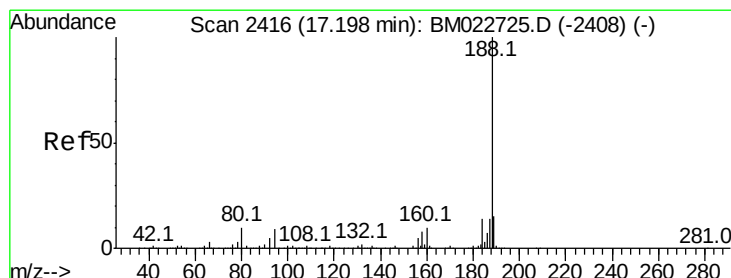
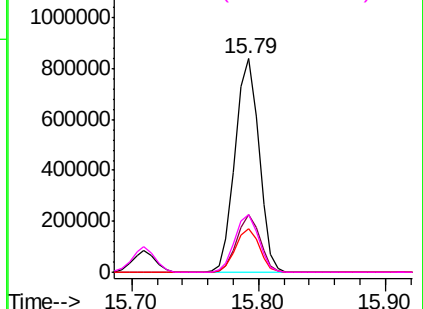
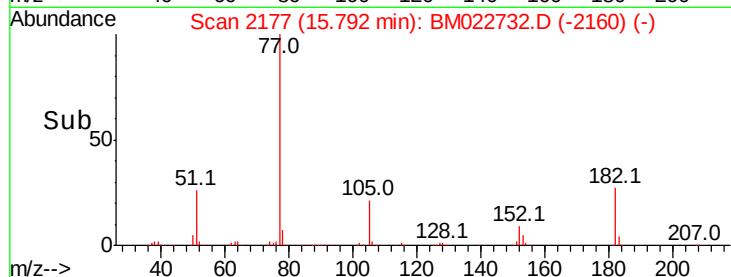


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

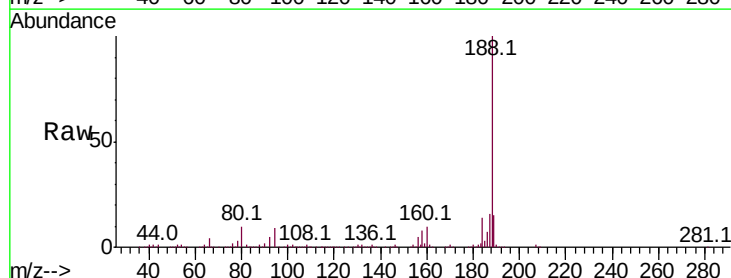
Tgt Ion: 188 Resp: 813762

Ion Ratio Lower Upper

188 100

94 9.1 7.3 10.9

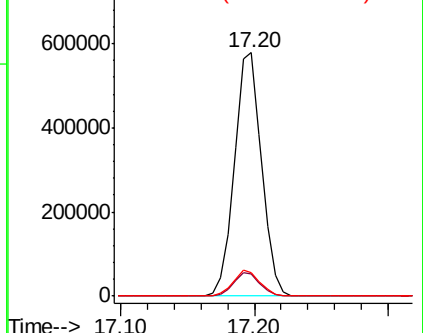
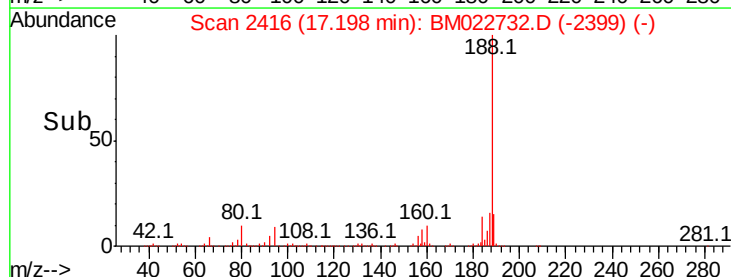
80 9.8 7.8 11.8

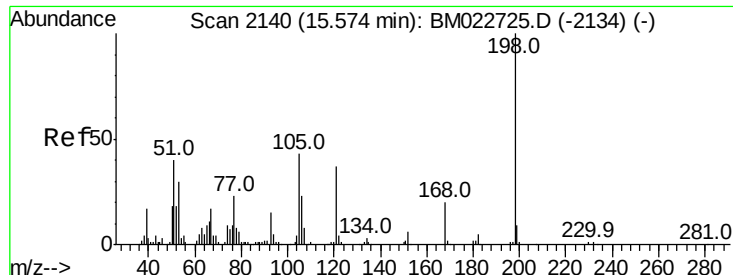


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

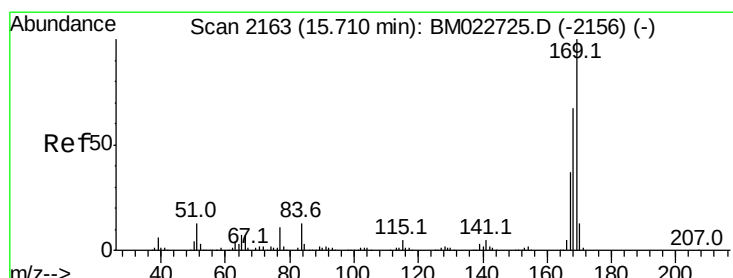
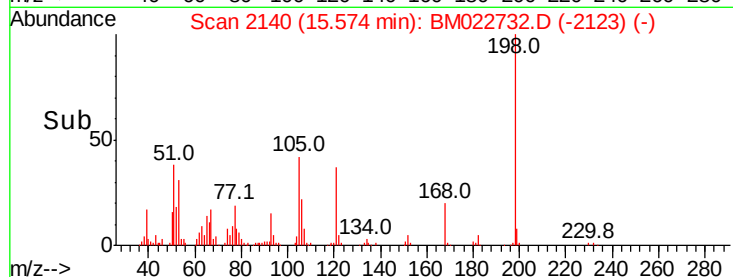
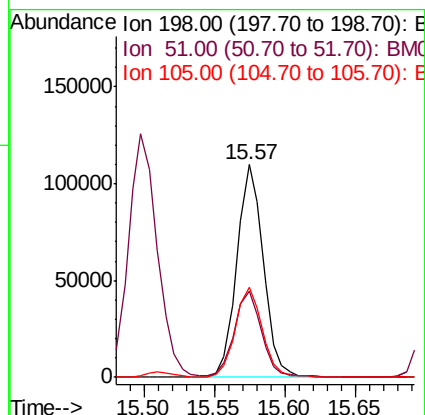
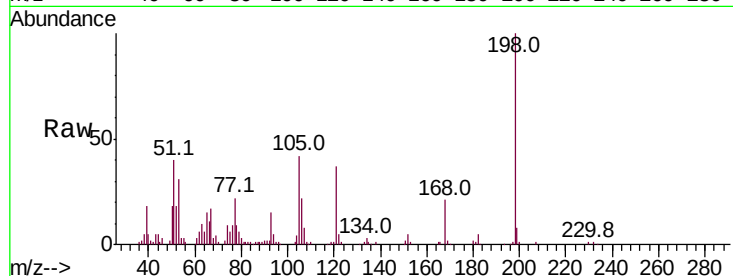




#65
4,6-Dinitro-2-methylphenol
Concen: 36.942 ng
RT: 15.57 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

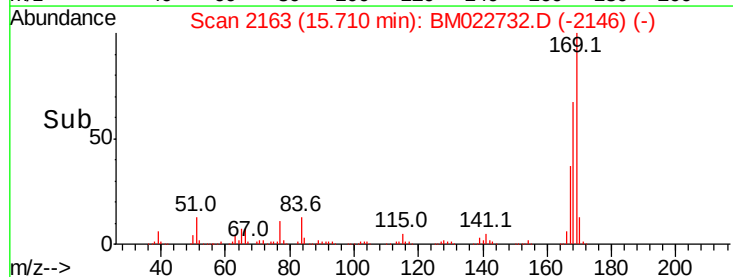
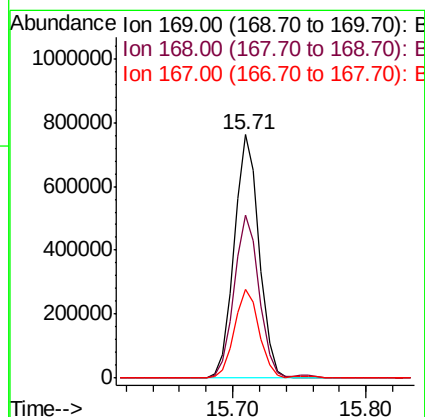
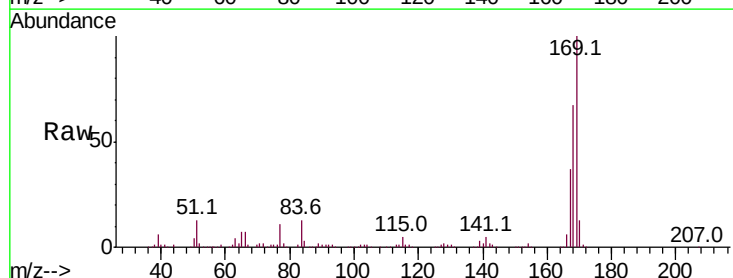
Instrument :
BNA_M
ClientSampleId :

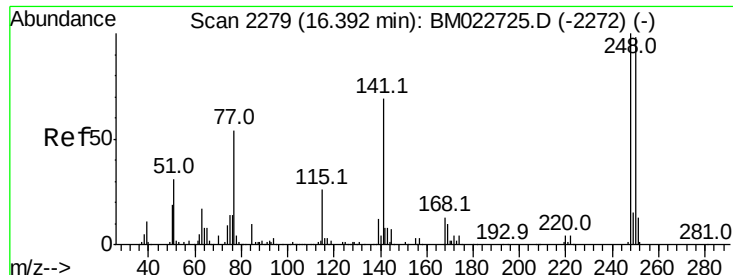
Tot Ion	Ratio	Lower	Upper
198	100		
51	40.3	21.0	61.0
105	42.4	22.5	62.5



#66
n-Nitrosodiphenylamine
Concen: 39.871 ng
RT: 15.71 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BM022732.D
Acq: 20 Sep 2019 19:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.4	80.2
167	36.5	29.3	43.9

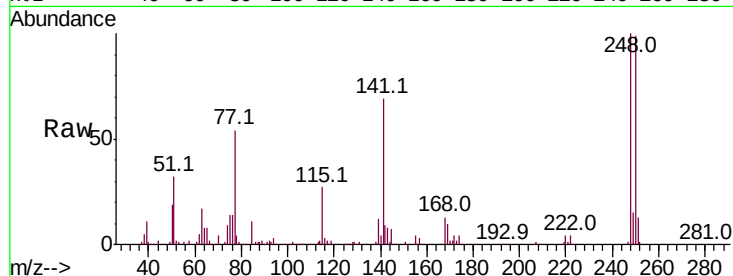




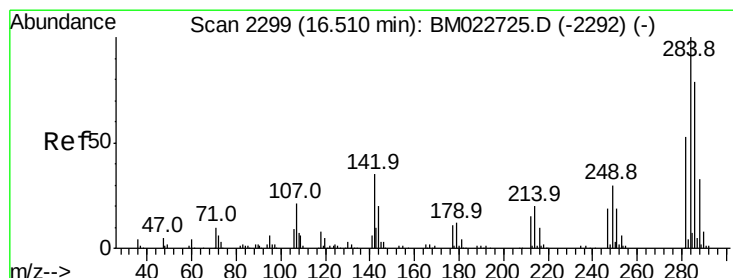
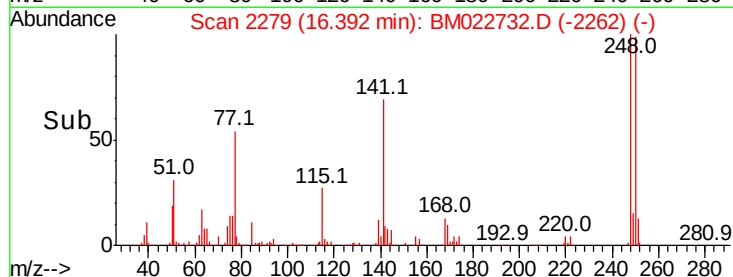
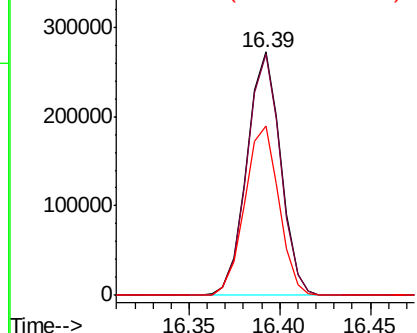
#67
 4-Bromophenyl-phenylether
 Concen: 38.876 ng
 RT: 16.39 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.4	117.6
141	69.4	55.1	82.7

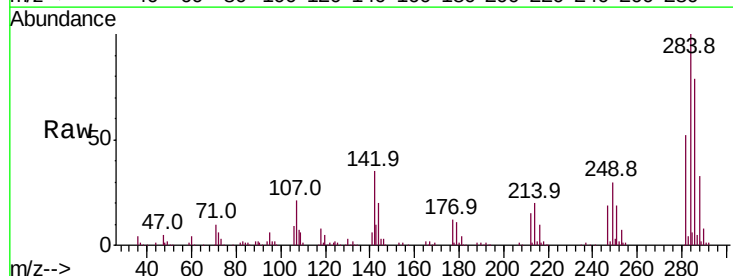


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

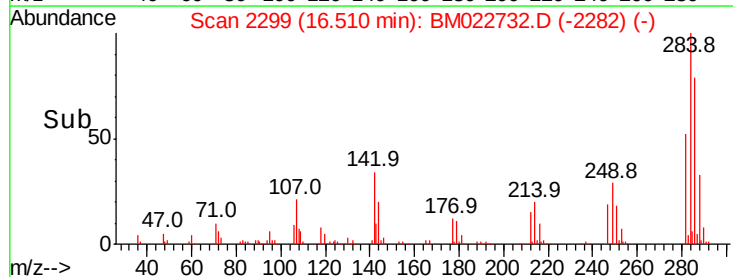
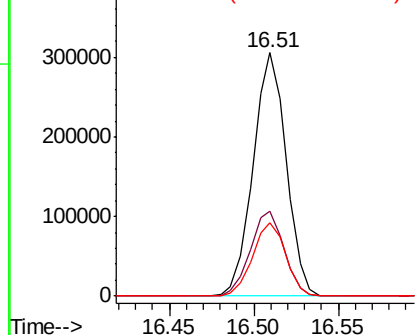


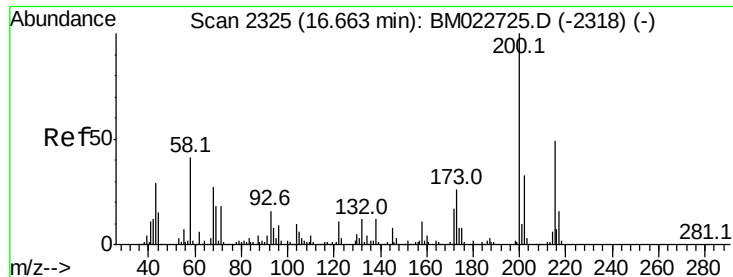
#68
 Hexachlorobenzene
 Concen: 39.489 ng
 RT: 16.51 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.8	41.8
249	30.3	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

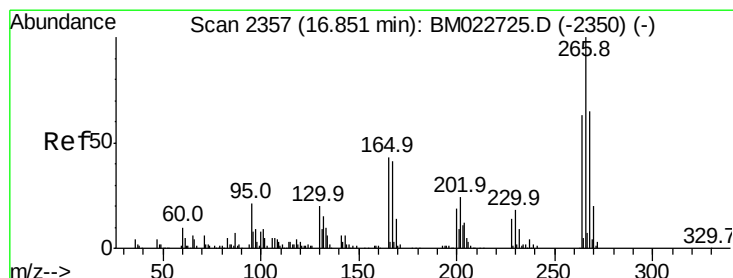
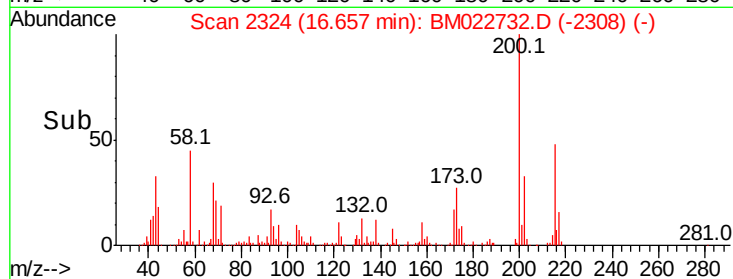
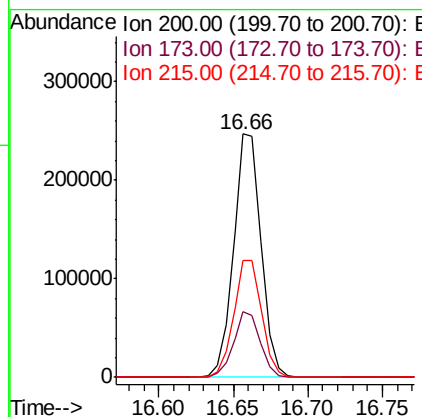
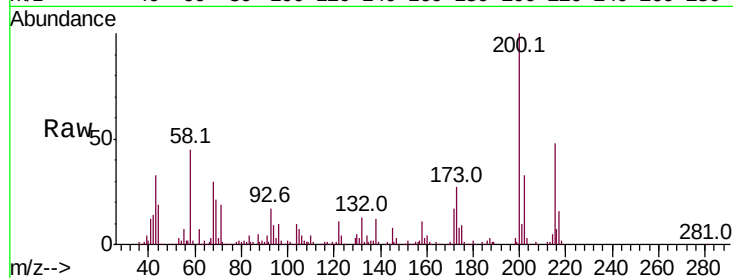




#69
 Atrazine
 Concen: 39.487 ng
 RT: 16.66 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

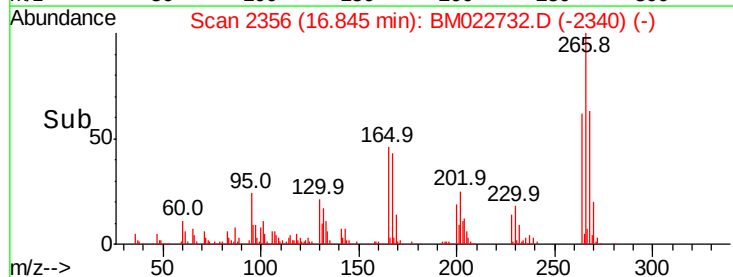
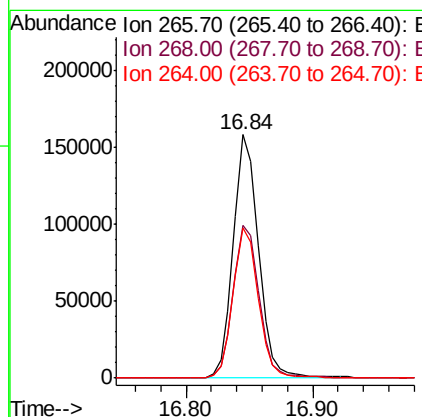
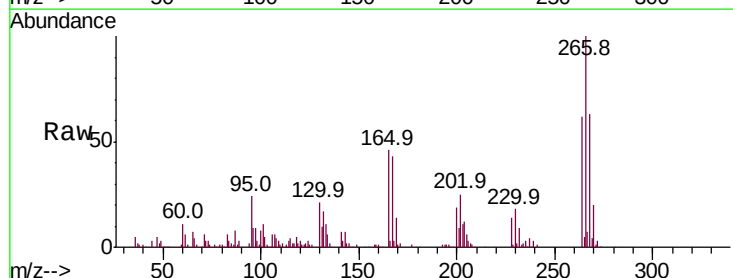
Instrument :
 BNA_M
 ClientSampleId :

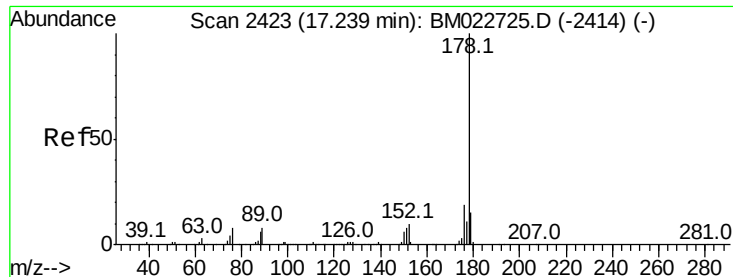
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	5.8	45.8
215	48.0	29.2	69.2



#70
 Pentachlorophenol
 Concen: 38.858 ng
 RT: 16.84 min Scan# 2356
 Delta R.T. -0.01 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.8	77.6
264	61.9	50.2	75.4

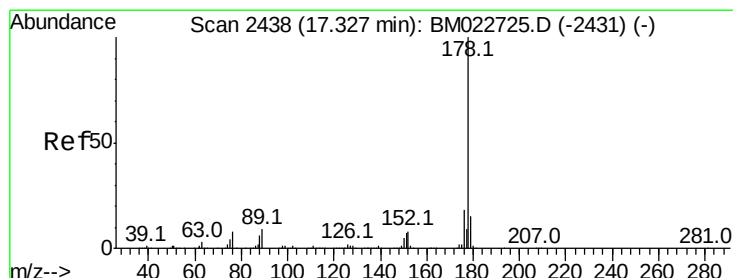
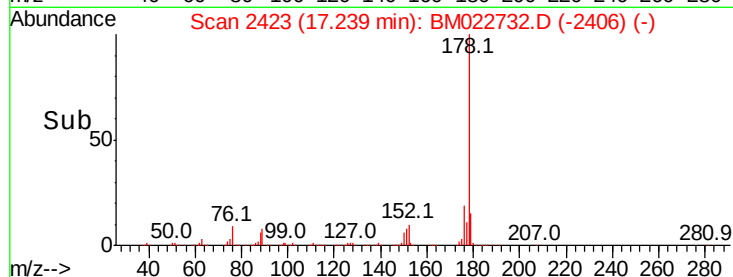
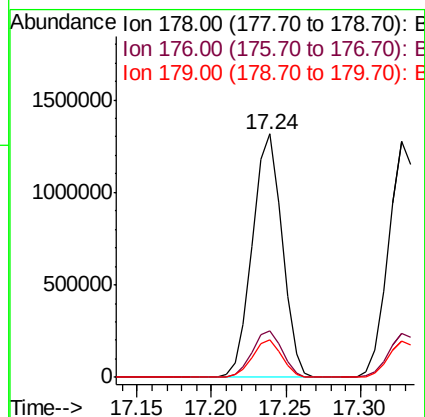
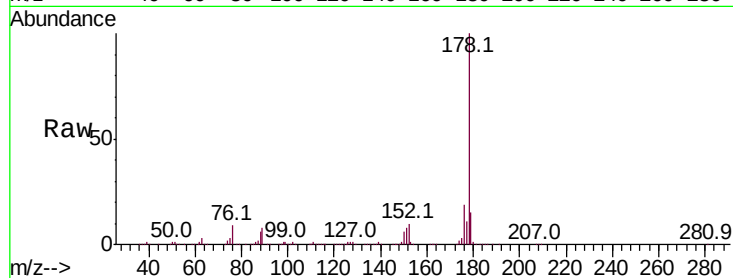




#71
 Phenanthrene
 Concen: 39.402 ng
 RT: 17.24 min Scan# 2423
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

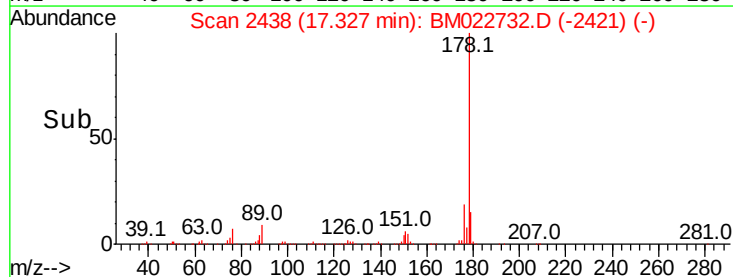
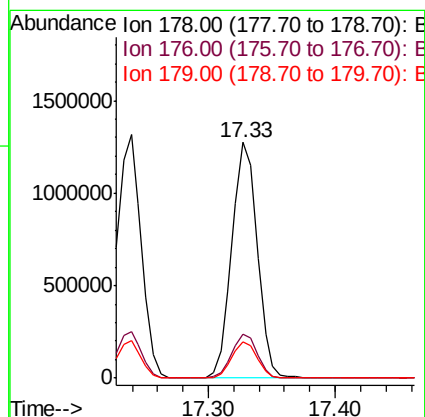
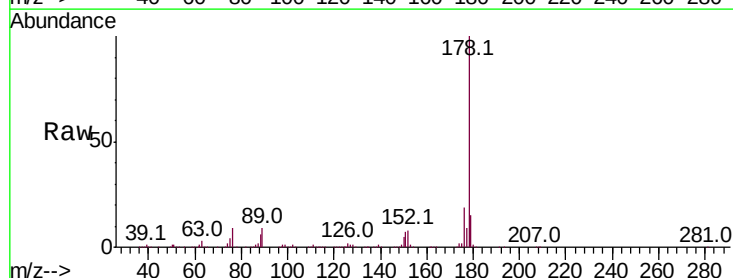
Instrument :
 BNA_M
 ClientSampleId :

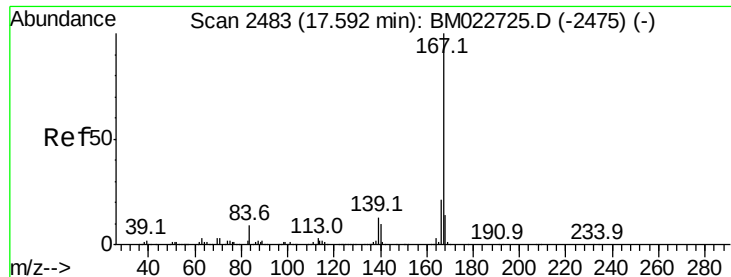
Tot Ion:178 Resp: 1809234
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.3 12.3 18.5



#72
 Anthracene
 Concen: 39.707 ng
 RT: 17.33 min Scan# 2438
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Tgt Ion:178 Resp: 1766999
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.7 22.1
 179 15.3 12.2 18.4



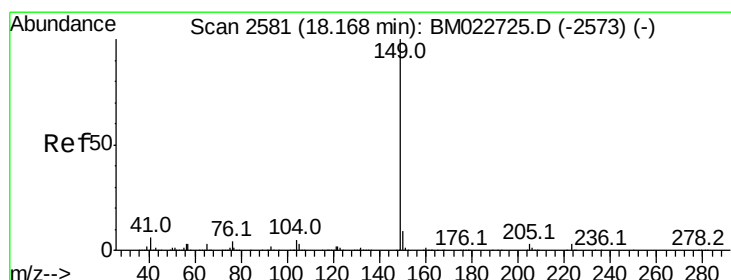
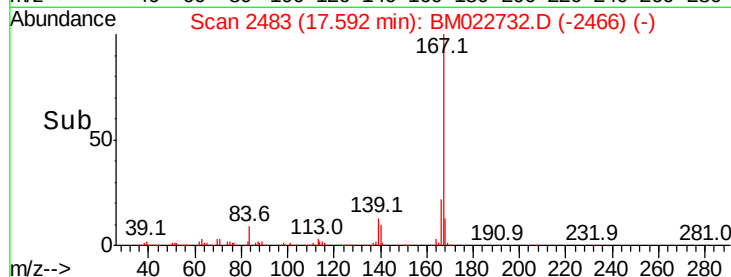
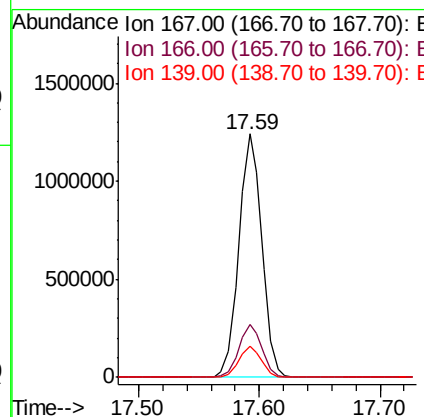
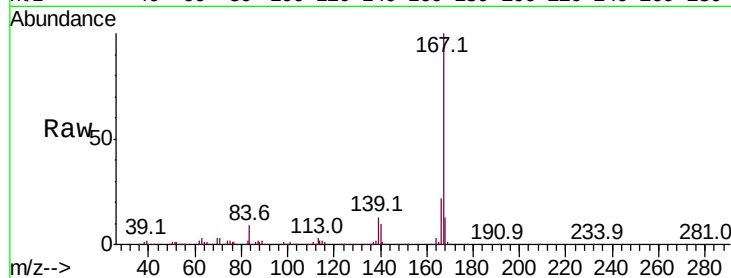


#73
 Carbazole
 Concen: 39.715 ng
 RT: 17.59 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 1644623

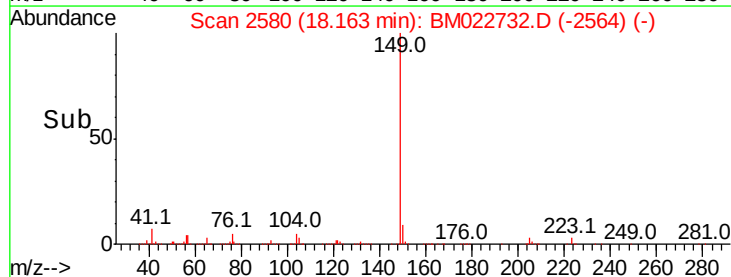
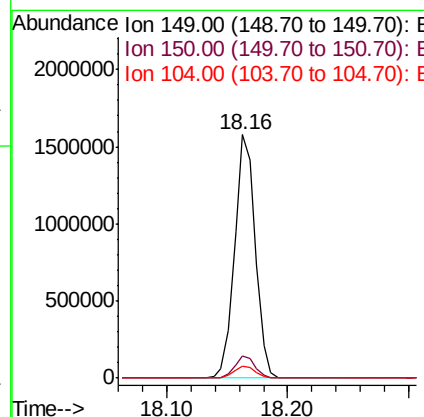
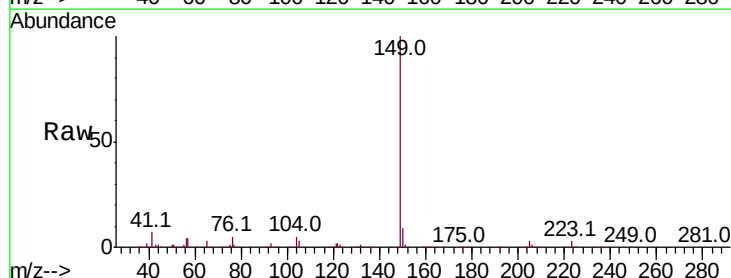
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.4
139	12.6	10.1	15.1

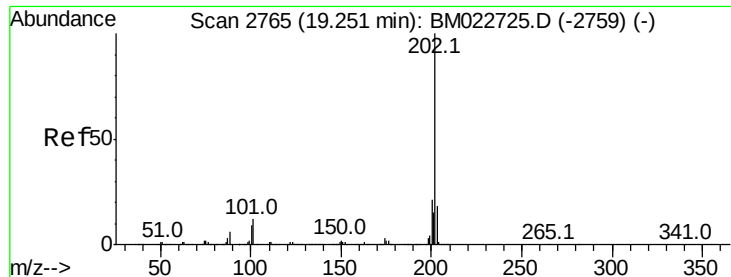


#74
 Di-n-butylphthalate
 Concen: 39.815 ng
 RT: 18.16 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BM022732.D
 Acq: 20 Sep 2019 19:06

Tgt Ion:149 Resp: 1869525

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.9	3.8	5.6





#75

Fluoranthene

Concen: 39.046 ng

RT: 19.25 min Scan# 2765

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampleId :

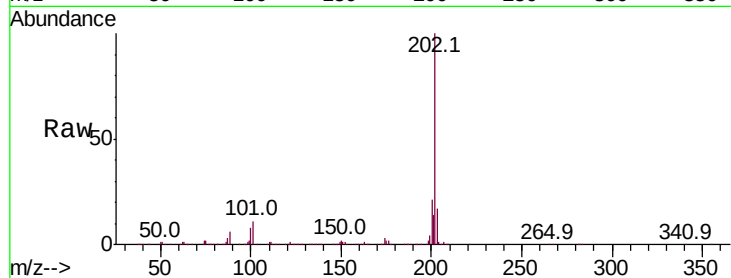
Tot Ion:202 Resp: 2023146

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.1

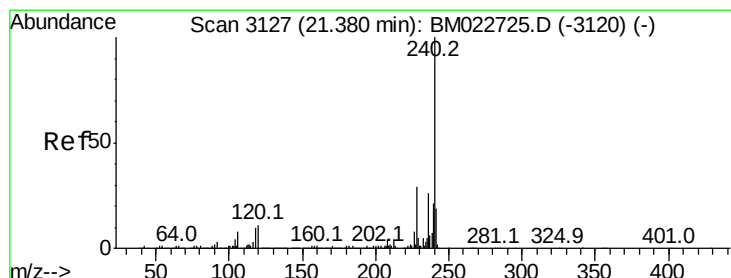
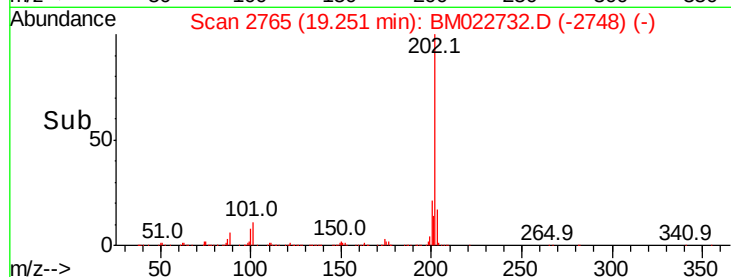
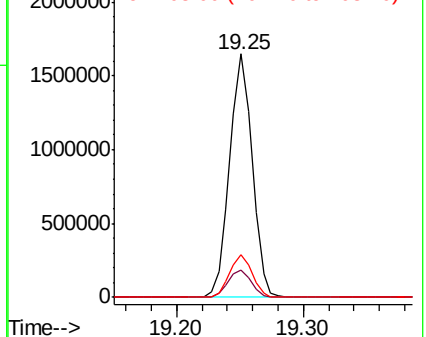
203 17.4 0.0 37.7



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: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

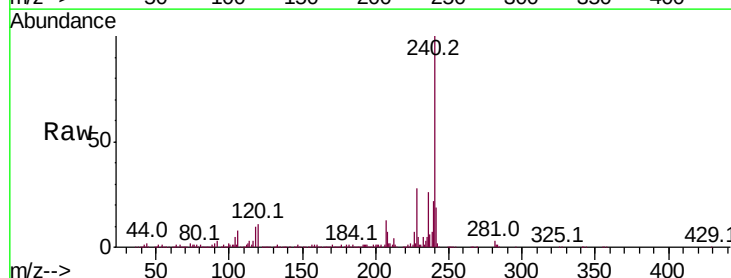
Tgt Ion:240 Resp: 809147

Ion Ratio Lower Upper

240 100

120 11.0 8.8 13.2

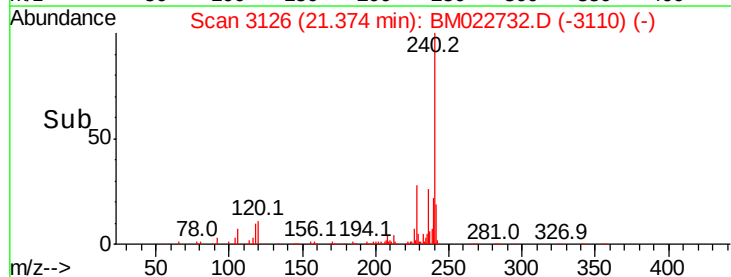
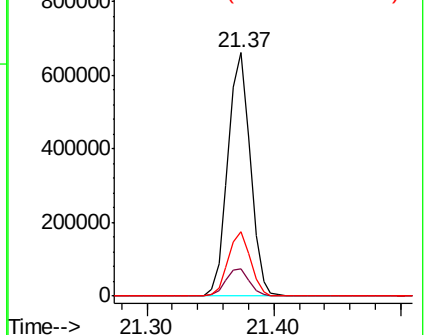
236 26.4 20.8 31.2

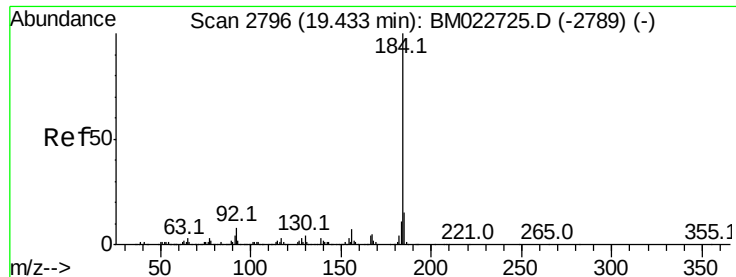


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.394 ng

RT: 19.43 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampleId :

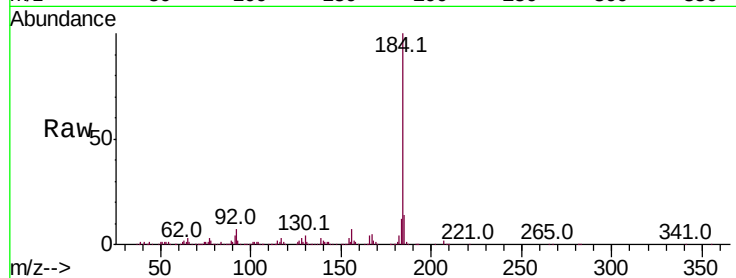
Tot Ion:184 Resp: 896653

Ion Ratio Lower Upper

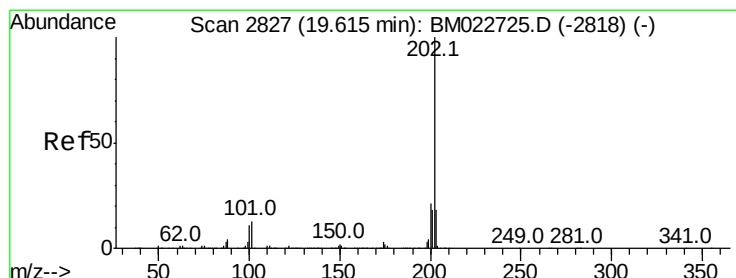
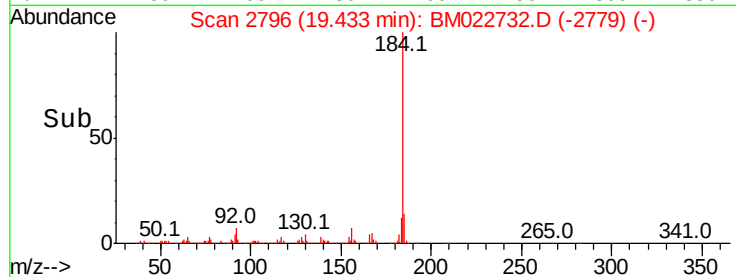
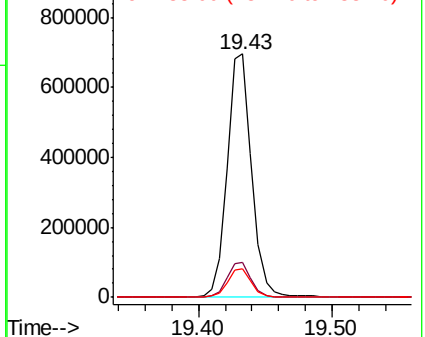
184 100

185 14.2 11.6 17.4

183 11.7 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: 39.850 ng

RT: 19.62 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

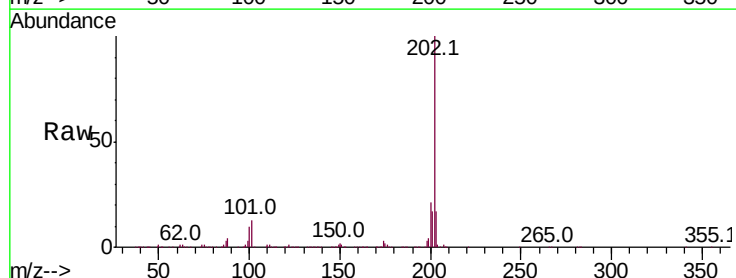
Tgt Ion:202 Resp: 2113117

Ion Ratio Lower Upper

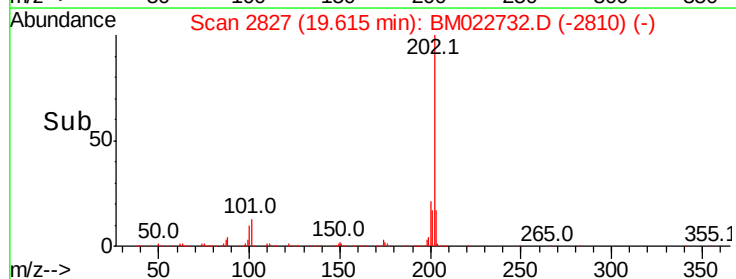
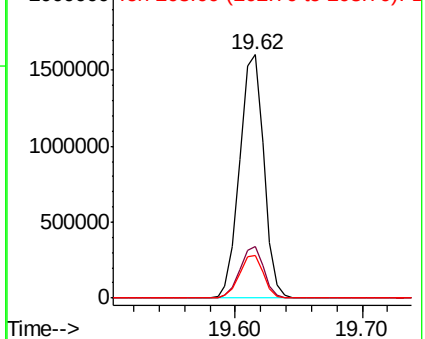
202 100

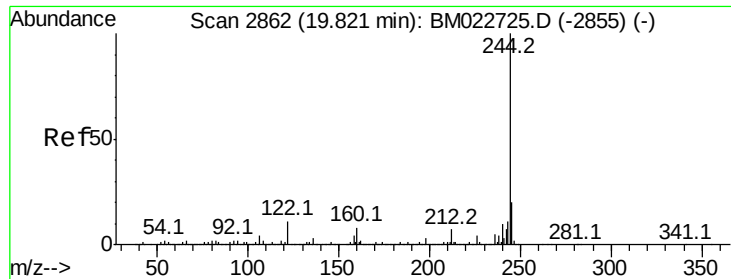
200 21.2 16.7 25.1

203 17.3 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: 82.645 ng

RT: 19.82 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampleId :

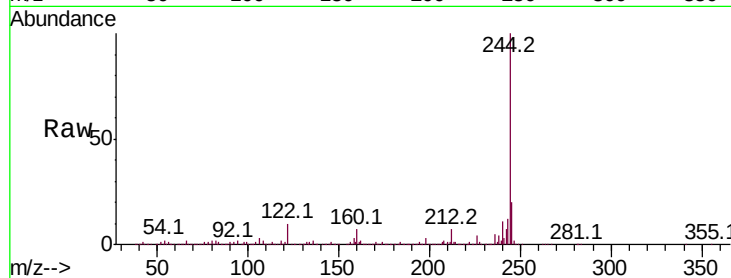
Tot Ion:244 Resp: 3453453

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

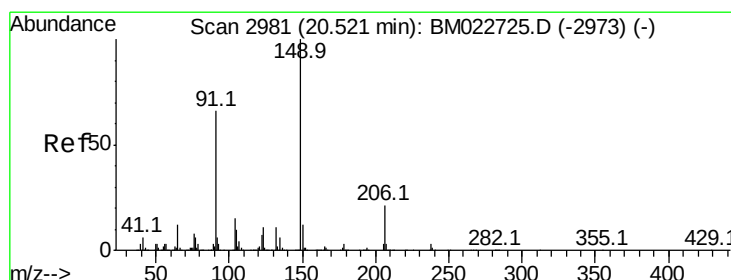
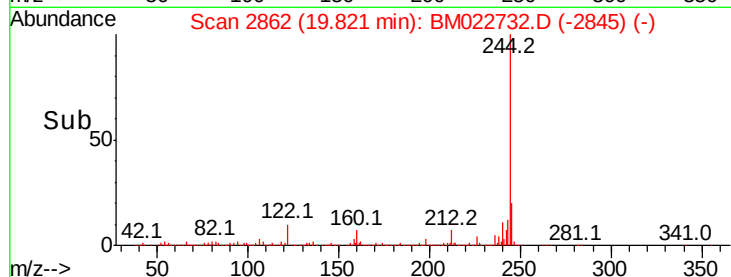
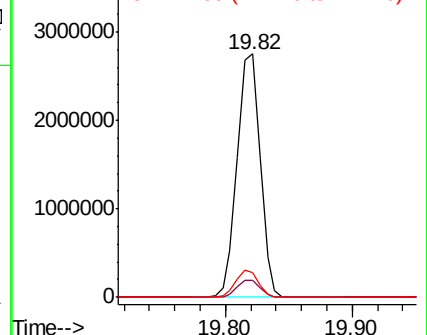
122 10.3 9.0 13.4



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: 38.887 ng

RT: 20.52 min Scan# 2980

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

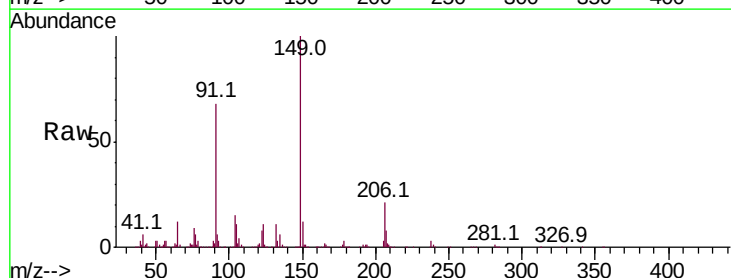
Tgt Ion:149 Resp: 783693

Ion Ratio Lower Upper

149 100

91 67.8 53.0 79.4

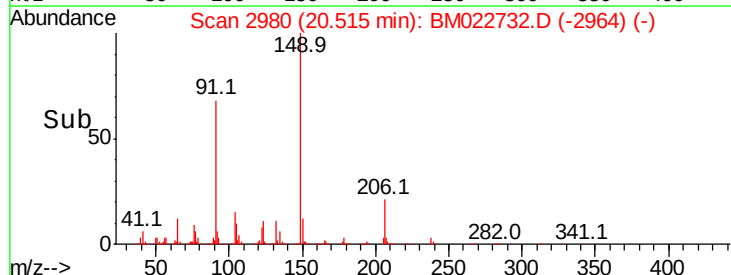
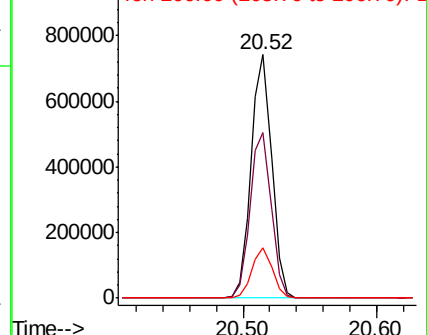
206 20.9 16.9 25.3

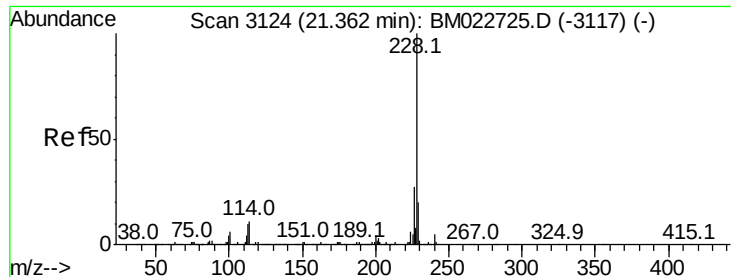


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.680 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampleId :

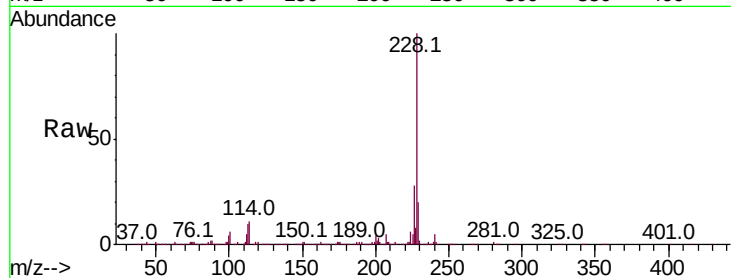
Tot Ion:228 Resp: 2080901

Ion Ratio Lower Upper

228 100

226 27.7 22.0 33.0

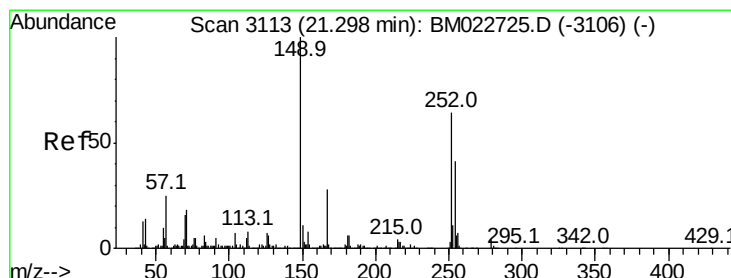
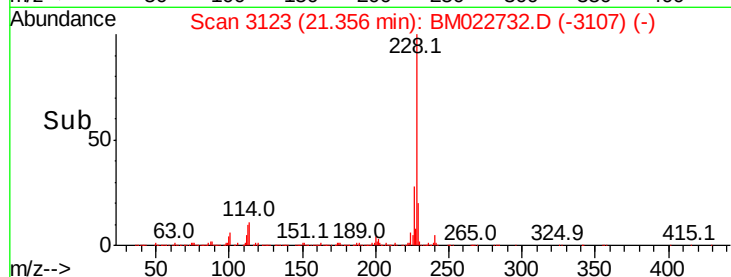
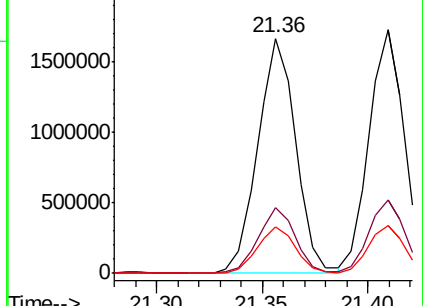
229 20.0 15.9 23.9



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: 38.998 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

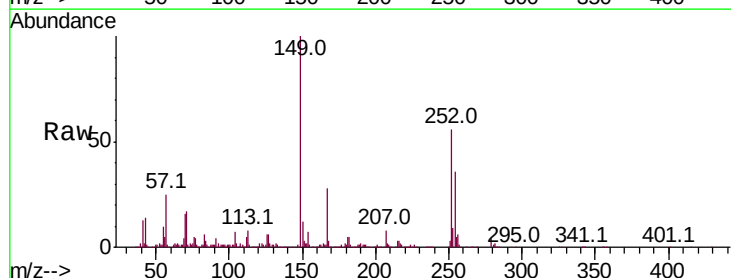
Tgt Ion:252 Resp: 725268

Ion Ratio Lower Upper

252 100

254 65.1 51.7 77.5

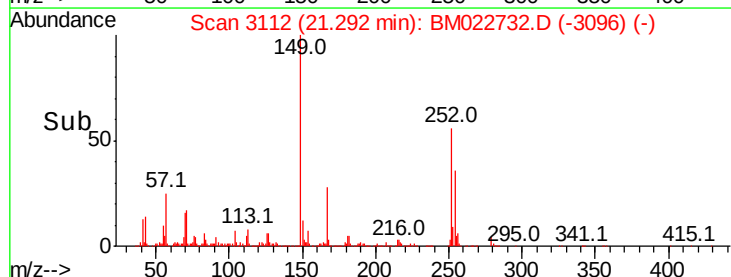
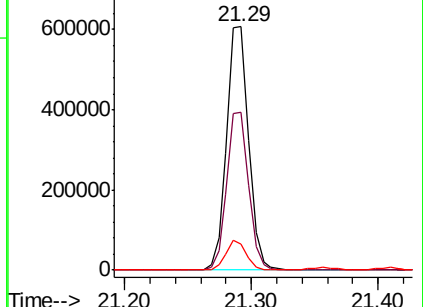
126 10.5 8.3 12.5

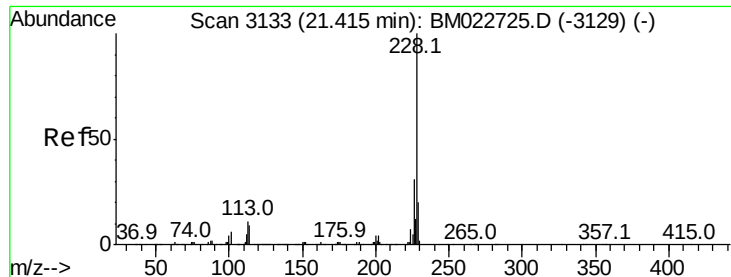


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.711 ng

RT: 21.41 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

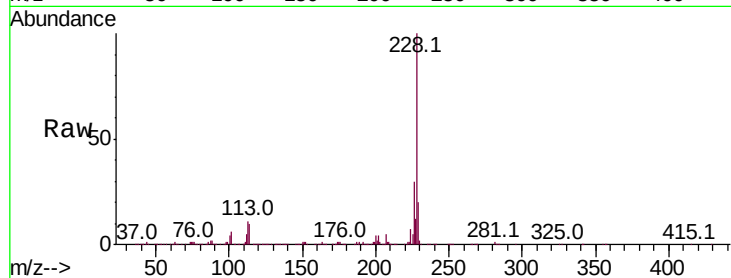
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 2018987

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	19.9	15.9	23.9

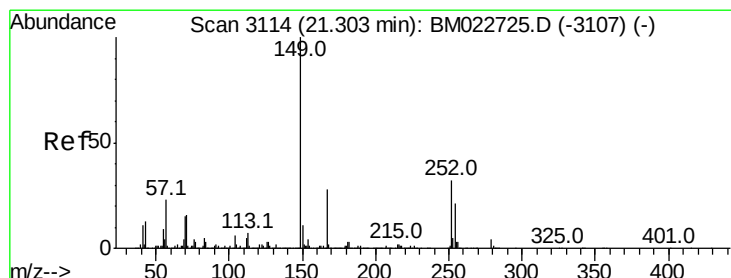
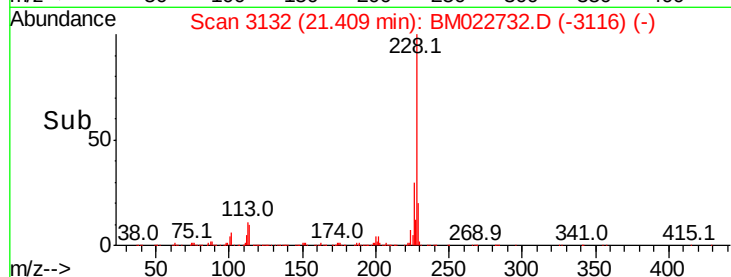
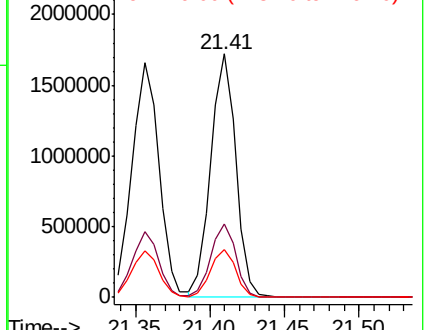


Abundance

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: 39.418 ng

RT: 21.29 min Scan# 3112

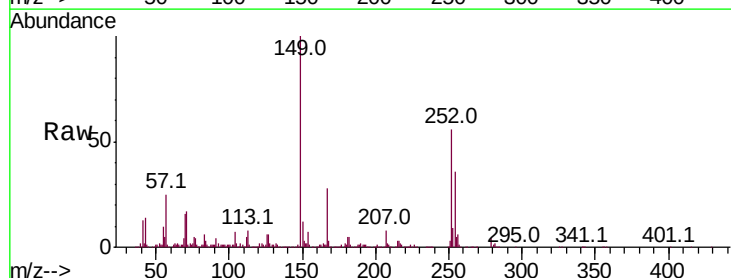
Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Tgt Ion:149 Resp: 1177031

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	3.9	3.4	5.0

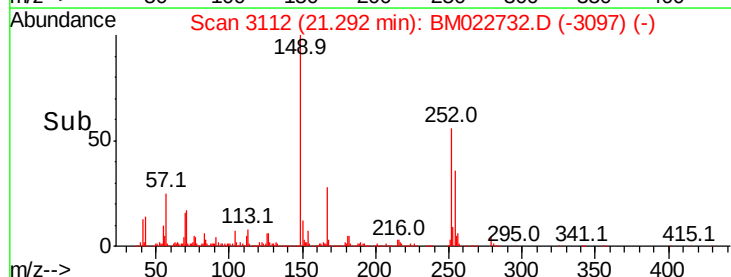
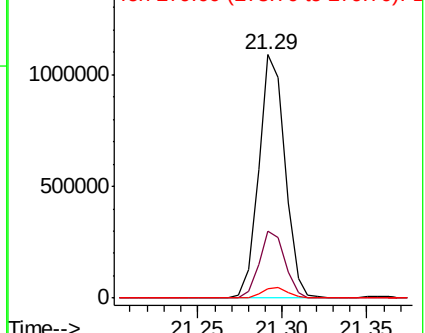


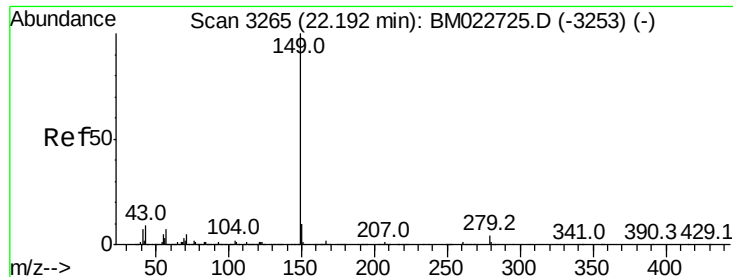
Abundance

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: 38.161 ng

RT: 22.18 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampleId :

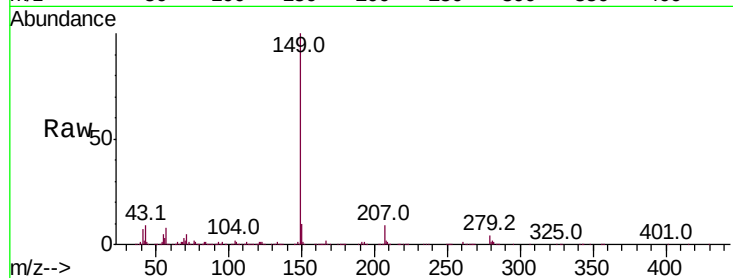
Tot Ion:149 Resp: 1816097

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

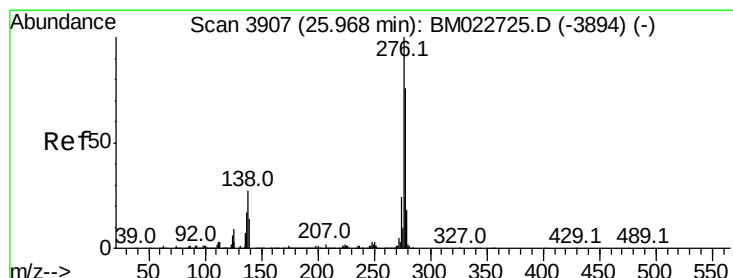
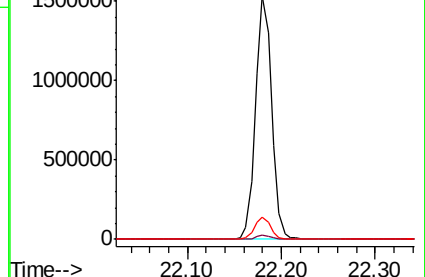
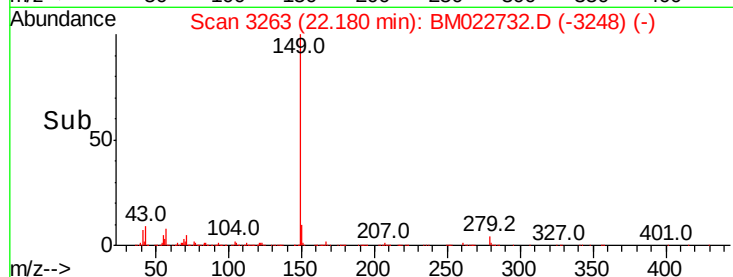
43 9.4 7.4 11.0



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: 38.639 ng

RT: 25.96 min Scan# 3905

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

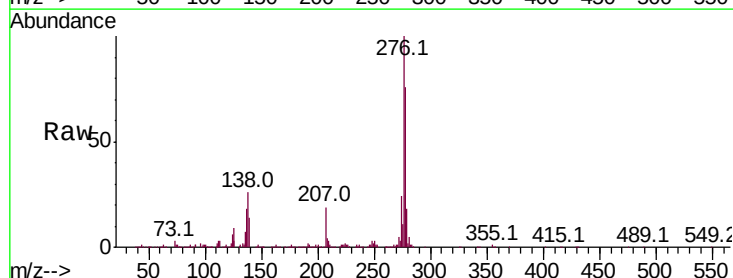
Tgt Ion:276 Resp: 2344675

Ion Ratio Lower Upper

276 100

138 26.4 0.0 0.0#

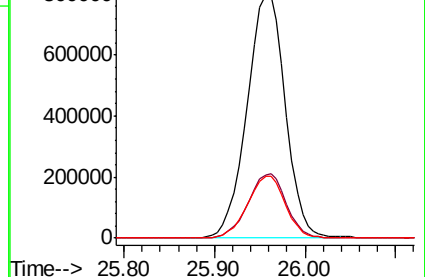
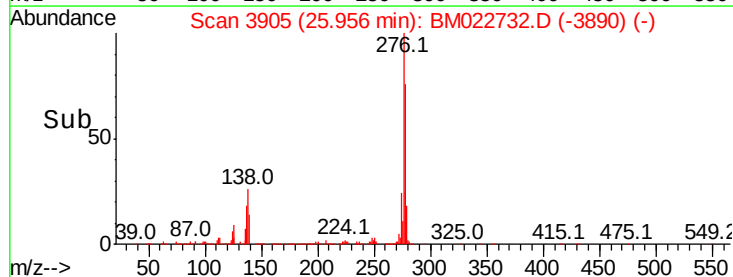
277 25.1 0.0 0.0#

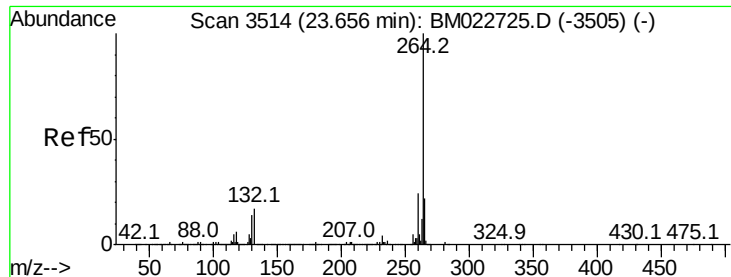


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampled :

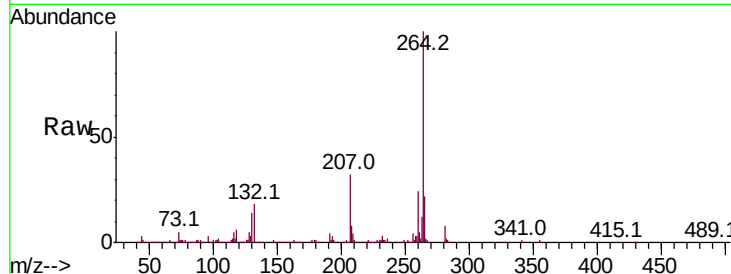
Tot Ion:264 Resp: 839930

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

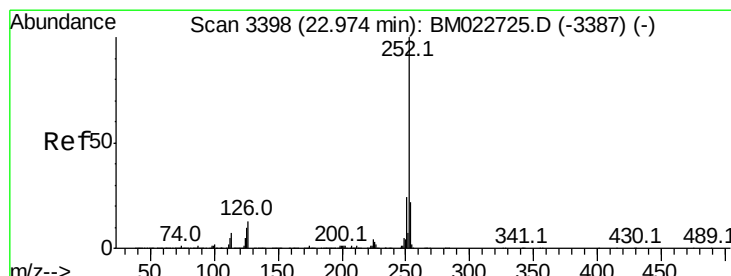
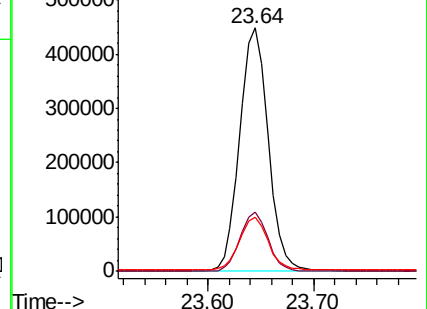
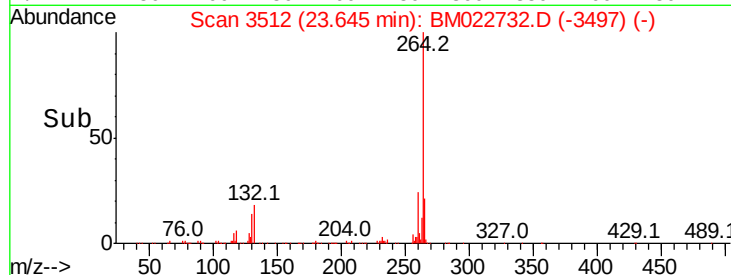
265 22.0 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.531 ng

RT: 22.96 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

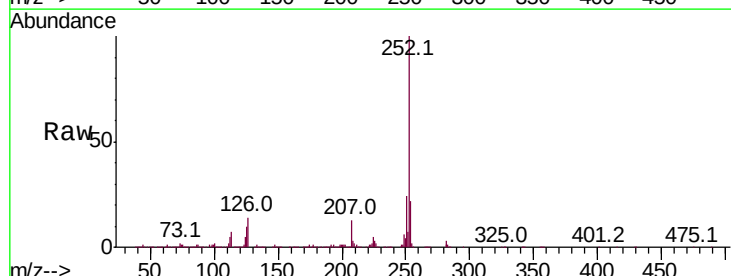
Tgt Ion:252 Resp: 2061199

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

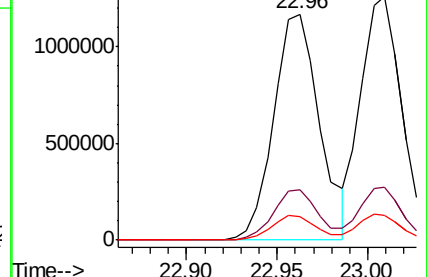
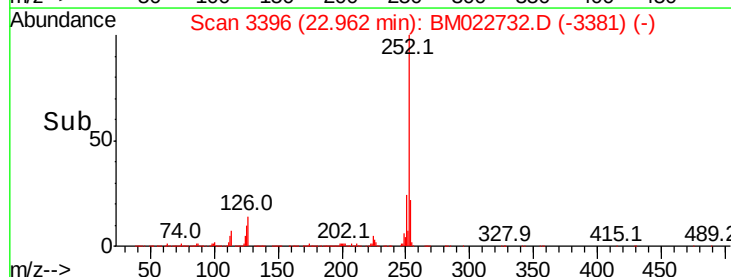
125 10.4 8.2 12.4

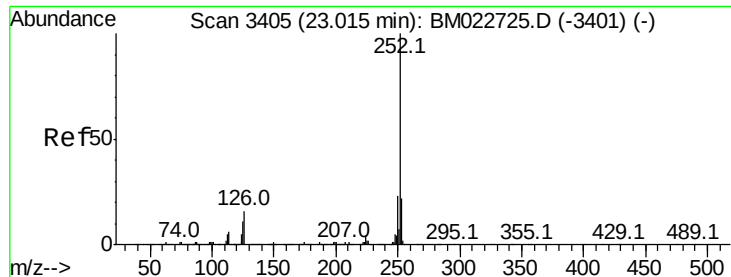


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.043 ng

RT: 23.01 min Scan# 3404

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampleId :

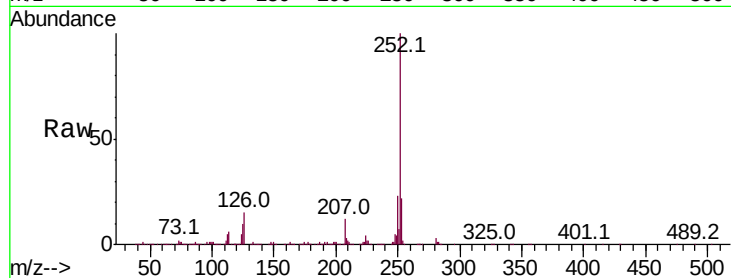
Tot Ion:252 Resp: 1970102

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

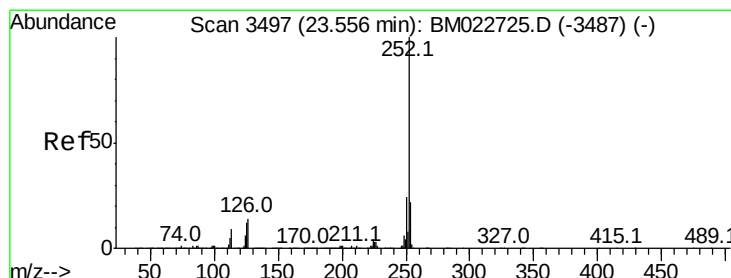
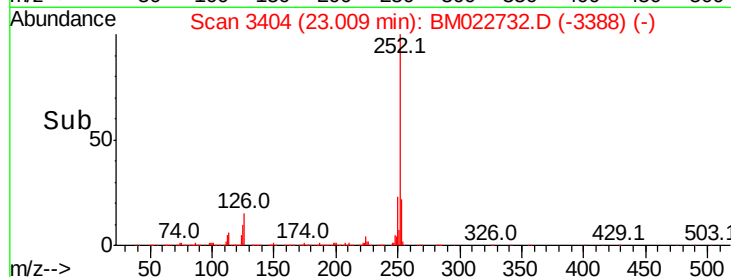
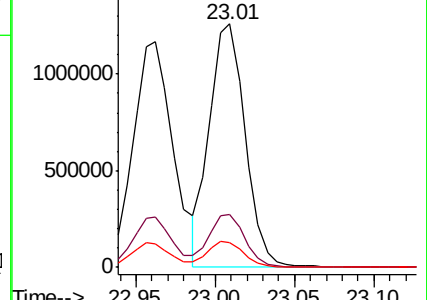
125 10.2 8.5 12.7



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: 39.730 ng

RT: 23.54 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

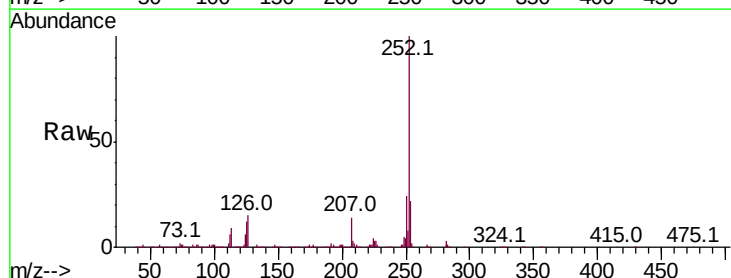
Tgt Ion:252 Resp: 1861768

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

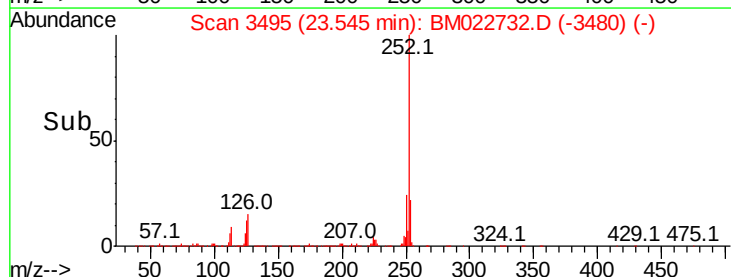
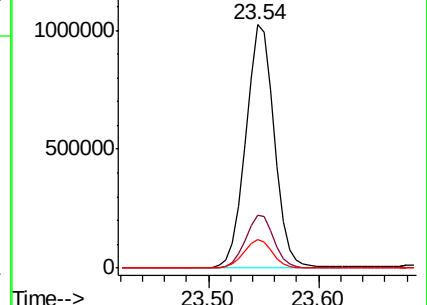
125 11.7 9.3 13.9

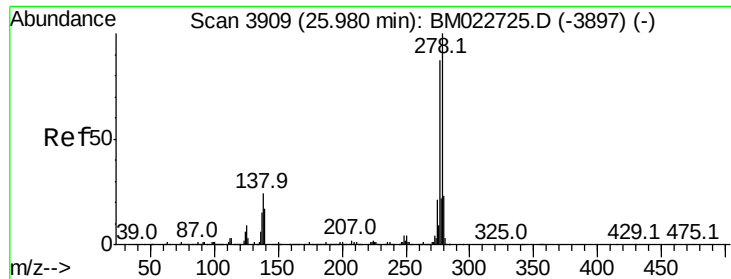


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.685 ng

RT: 25.97 min Scan# 3907

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

Instrument :

BNA_M

ClientSampleId :

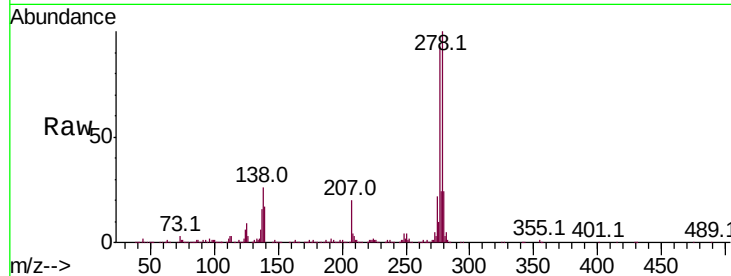
Tot Ion:278 Resp: 1945239

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.7	20.5
279	23.7	18.6	28.0

278 100

139 17.3 13.7 20.5

279 23.7 18.6 28.0

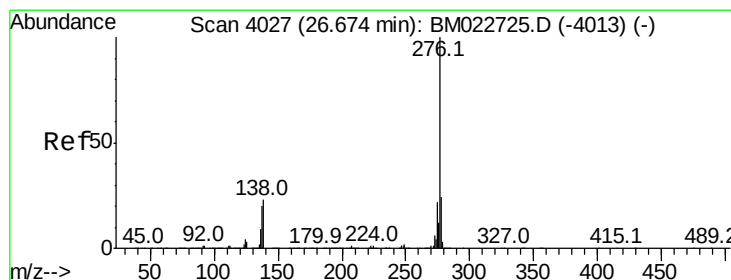
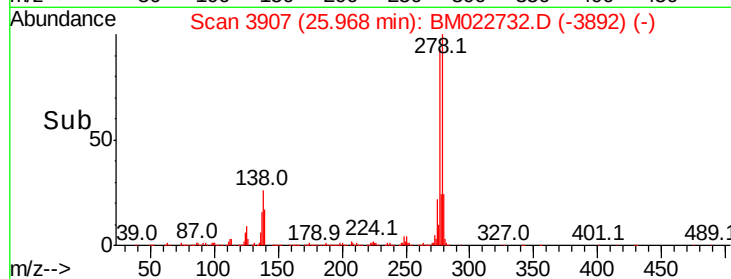
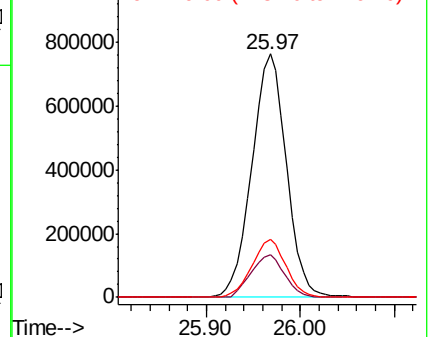


Abundance

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: 39.248 ng

RT: 26.66 min Scan# 4025

Delta R.T. -0.01 min

Lab File: BM022732.D

Acq: 20 Sep 2019 19:06

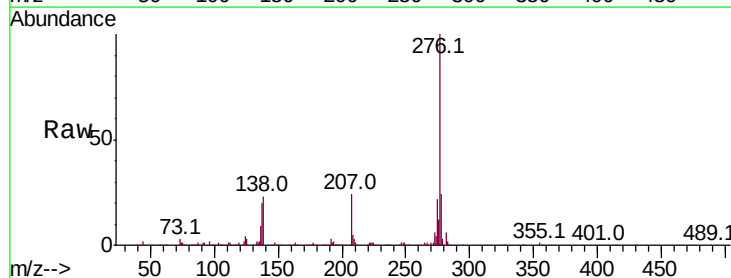
Tgt Ion:276 Resp: 1827229

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	23.2	18.5	27.7

276 100

277 23.6 19.1 28.7

138 23.2 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

