

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
 Data File : BM020706.D
 Acq On : 04 Jun 2019 16:59
 Operator : HP/JU
 Sample : PB120232BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120232BS

Quant Time: Jun 05 03:24:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	309714	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1185641	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	609741	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1178436	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	957251	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1100075	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2406902	136.70	ng	0.00
7) Phenol-d6	6.99	99	3099316	119.55	ng	0.00
23) Nitrobenzene-d5	8.99	82	1884418	82.35	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1023332	135.46	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4124379	89.93	ng	-0.01
79) Terphenyl-d14	19.83	244	4637306	81.03	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	304697	42.269	ng	97
3) Pyridine	3.74	79	831288	36.245	ng	99
4) n-Nitrosodimethylamine	3.66	42	377757	38.208	ng	94
6) Aniline	7.16	93	1046353	27.894	ng	99
8) 2-Chlorophenol	7.39	128	934517	42.665	ng	98
9) Benzaldehyde	6.97	77	298393	16.127	ng	97
10) Phenol	7.02	94	1134195	40.596	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	852131	38.271	ng	97
12) 1,3-Dichlorobenzene	7.71	146	994047	39.488	ng	97
13) 1,4-Dichlorobenzene	7.86	146	1018445	39.796	ng	98
14) 1,2-Dichlorobenzene	8.17	146	967435	38.845	ng	100
15) Benzyl Alcohol	8.06	79	828443	36.121	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1188599	34.577	ng	99
17) 2-Methylphenol	8.26	107	752714	38.314	ng	98
18) Hexachloroethane	8.90	117	372997	38.069	ng	99
19) n-Nitroso-di-n-propylamine	8.63	70	706130	33.884	ng	96
20) 3+4-Methylphenols	8.59	107	990079	37.041	ng	99
22) Acetophenone	8.65	105	1301052	43.196	ng	# 96
24) Nitrobenzene	9.03	77	1021147	43.711	ng	99
25) Isophorone	9.55	82	1823473	40.059	ng	100
26) 2-Nitrophenol	9.73	139	435756	50.049	ng	99
27) 2,4-Dimethylphenol	9.79	122	806917	49.460	ng	100
28) bis(2-Chloroethoxy)methane	10.03	93	1115738	40.539	ng	99
29) 2,4-Dichlorophenol	10.26	162	820201	45.440	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	913062	43.992	ng	99
31) Naphthalene	10.67	128	2675450	43.882	ng	99
32) Benzoic acid	9.92	122	426441	42.220	ng	98
33) 4-Chloroaniline	10.78	127	411543	14.504	ng	97
34) Hexachlorobutadiene	10.94	225	535403	42.993	ng	99
35) Caprolactam	11.57	113	216567	34.536	ng	99
36) 4-Chloro-3-methylphenol	11.90	107	842659	40.153	ng	99
37) 2-Methylnaphthalene	12.28	142	1916259	42.402	ng	99
38) 1-Methylnaphthalene	12.50	142	1821961	42.340	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	979186	49.004	ng	99

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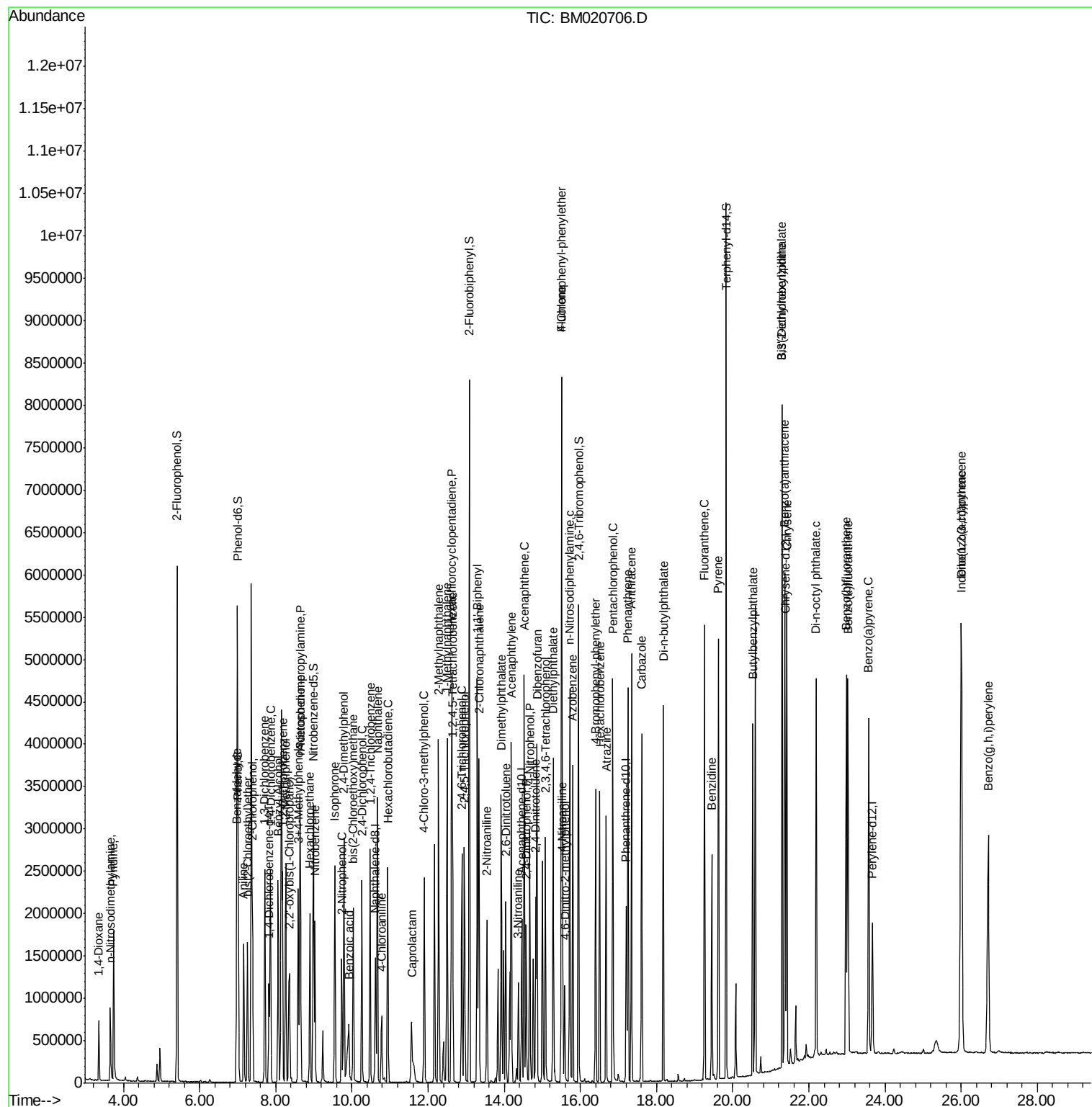
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1238939	103.672	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	615453	47.851	ng	99
44) 2,4,5-Trichlorophenol	12.95	196	646664	48.700	ng	98
46) 1,1'-Biphenyl	13.29	154	2358699	46.318	ng	99
47) 2-Chloronaphthalene	13.33	162	1828086	44.479	ng	99
48) 2-Nitroaniline	13.55	65	510155	39.548	ng	91
49) Acenaphthylene	14.19	152	2851096	44.459	ng	99
50) Dimethylphthalate	13.92	163	2169366	41.644	ng	100
51) 2,6-Dinitrotoluene	14.05	165	461844	43.663	ng	91
52) Acenaphthene	14.53	154	1672006	43.751	ng	98
53) 3-Nitroaniline	14.37	138	271924	23.032	ng	97
54) 2,4-Dinitrophenol	14.57	184	364639	80.120	ng	95
55) Dibenzofuran	14.86	168	2570310	43.304	ng	98
56) 4-Nitrophenol	14.67	139	719951	82.751	ng	92
57) 2,4-Dinitrotoluene	14.83	165	600713	42.415	ng	96
58) Fluorene	15.51	166	2038058	41.754	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	534456	46.191	ng	98
60) Diethylphthalate	15.29	149	2134312	39.726	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	1064082	41.173	ng	99
62) 4-Nitroaniline	15.53	138	436127	34.831	ng	95
63) Azobenzene	15.80	77	2006660	38.958	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	223925	42.906	ng	97
66) n-Nitrosodiphenylamine	15.72	169	1747002	46.310	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	621607	44.801	ng	98
68) Hexachlorobenzene	16.50	284	700903	43.261	ng	98
69) Atrazine	16.67	200	554268	49.229	ng	99
70) Pentachlorophenol	16.85	266	791398	102.389	ng	99
71) Phenanthrene	17.25	178	2878606	43.094	ng	100
72) Anthracene	17.34	178	2950487	44.132	ng	99
73) Carbazole	17.61	167	2519740	41.532	ng	100
74) Di-n-butylphthalate	18.17	149	3193030	40.543	ng	100
75) Fluoranthene	19.26	202	3012456	40.553	ng	100
77) Benzidine	19.45	184	1373732	47.361	ng	99
78) Pyrene	19.62	202	3045303	41.456	ng	100
80) Butylbenzylphthalate	20.53	149	1239620	39.932	ng	94
81) Benzo(a)anthracene	21.37	228	2788434	41.830	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	825405	33.813	ng	99
83) Chrysene	21.42	228	2742629	43.282	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1759717	39.003	ng	99
85) Di-n-octyl phthalate	22.19	149	2887587	40.312	ng	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	3838802	59.217	ng	99
88) Benzo(b)fluoranthene	22.98	252	3004229	41.319	ng	100
89) Benzo(k)fluoranthene	23.03	252	2948001	41.489	ng	100
90) Benzo(a)pyrene	23.57	252	2974563	45.103	ng	100
91) Dibenzo(a,h)anthracene	26.01	278	3224608	50.398	ng	100
92) Benzo(g,h,i)perylene	26.71	276	3130292	52.672	ng	100

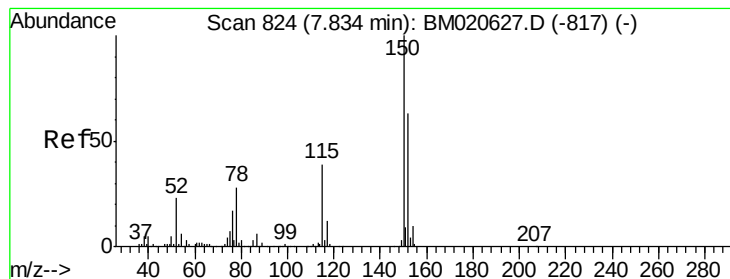
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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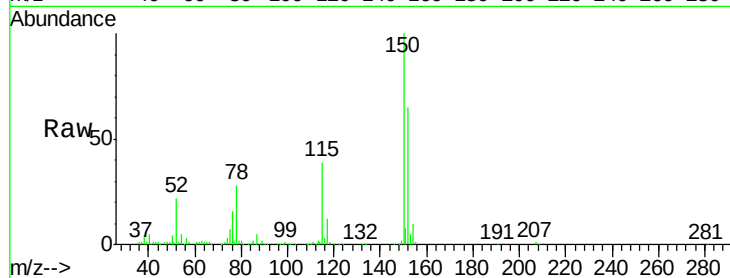


#1

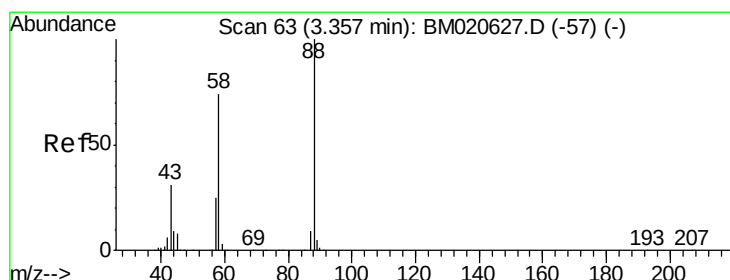
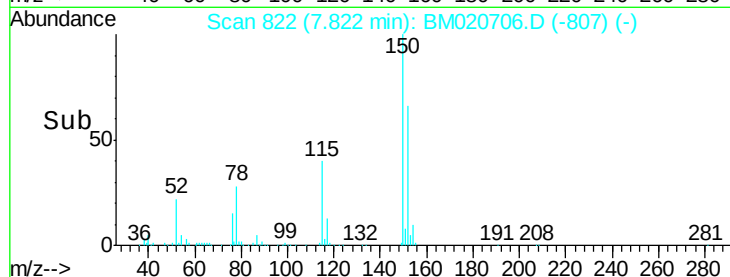
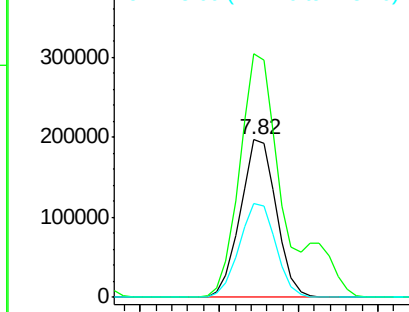
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Instrument :
BNA_M
ClientSampleId :
PB120232BS

Tgt Ion:152 Resp: 309714
Ion Ratio Lower Upper
152 100
150 154.8 126.0 189.0
115 59.7 49.6 74.4



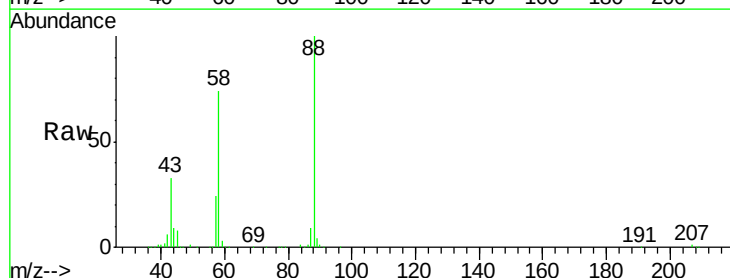
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



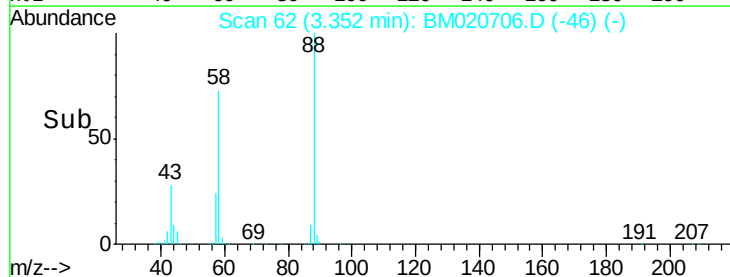
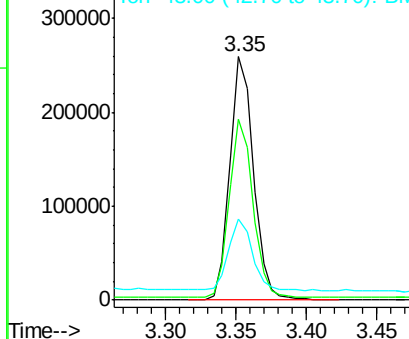
#2

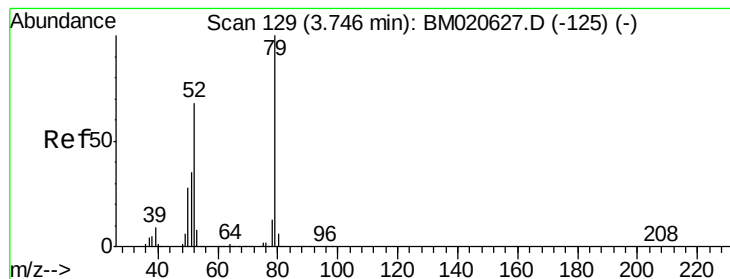
1,4-Dioxane
Concen: 42.269 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Tgt Ion: 88 Resp: 304697
Ion Ratio Lower Upper
88 100
58 72.4 60.2 90.4
43 30.1 25.3 37.9



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





#3

Pyridine

Concen: 36.245 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

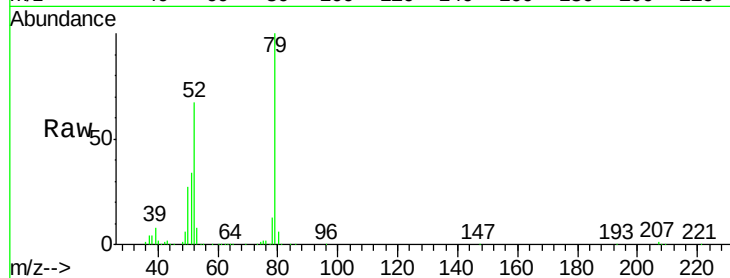
Tgt Ion: 79 Resp: 831288

Ion Ratio Lower Upper

79 100

52 67.0 54.1 81.1

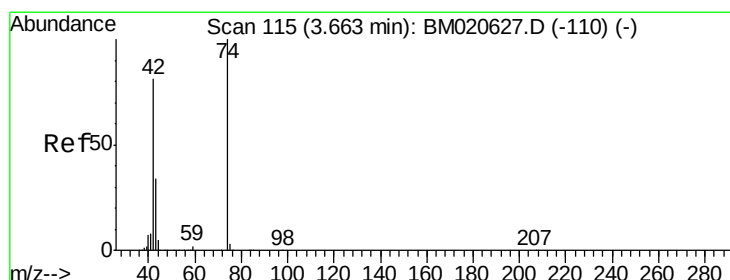
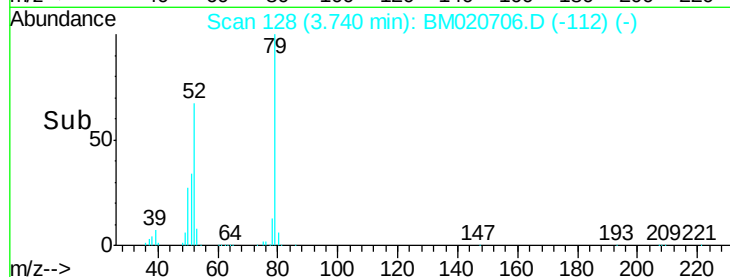
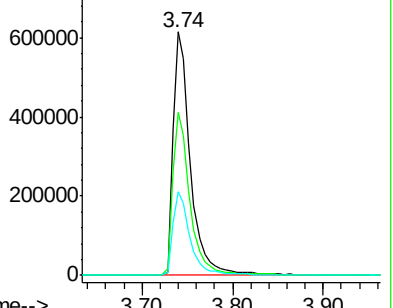
51 34.2 28.6 42.8



Abundance Ion 79.00 (78.70 to 79.70): BM020627.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020627.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020627.D (-125) (-)



#4

n-Nitrosodimethylamine

Concen: 38.208 ng

RT: 3.66 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

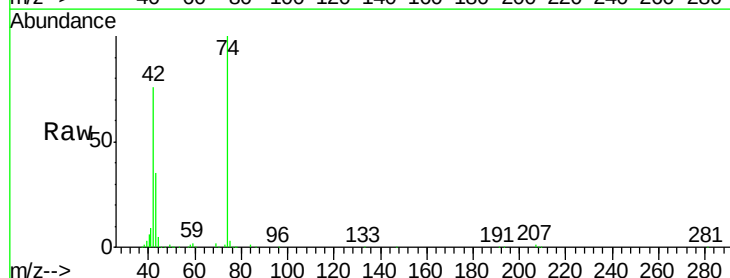
Tgt Ion: 42 Resp: 377757

Ion Ratio Lower Upper

42 100

74 131.0 99.4 149.0

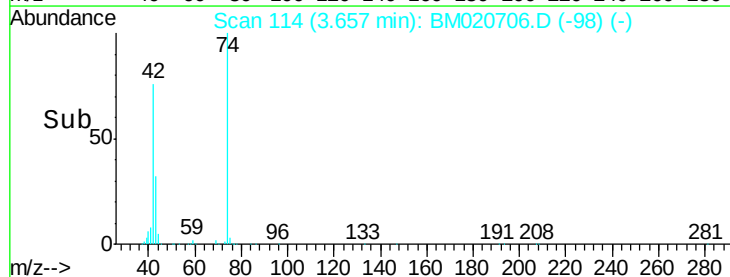
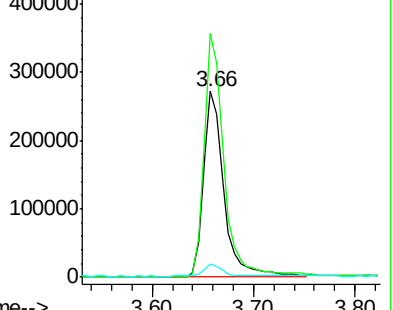
44 6.8 5.8 8.8

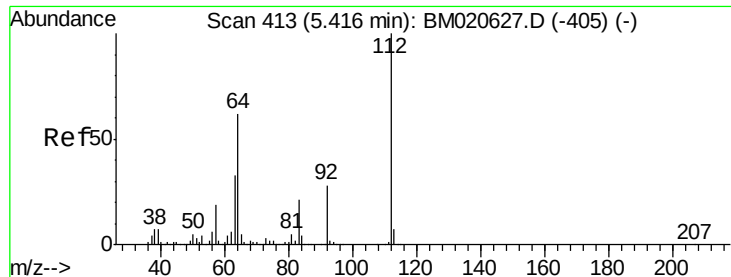


Abundance Ion 42.00 (41.70 to 42.70): BM020627.D (-110) (-)

Ion 74.00 (73.70 to 74.70): BM020627.D (-110) (-)

Ion 44.00 (43.70 to 44.70): BM020627.D (-110) (-)





#5

2-Fluorophenol

Concen: 136.703 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

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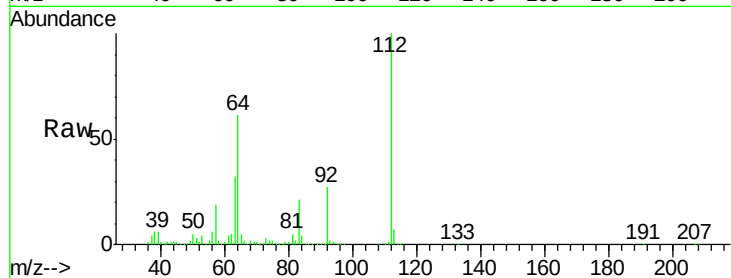
Tgt Ion:112 Resp: 2406902

Ion Ratio Lower Upper

112 100

64 61.1 49.7 74.5

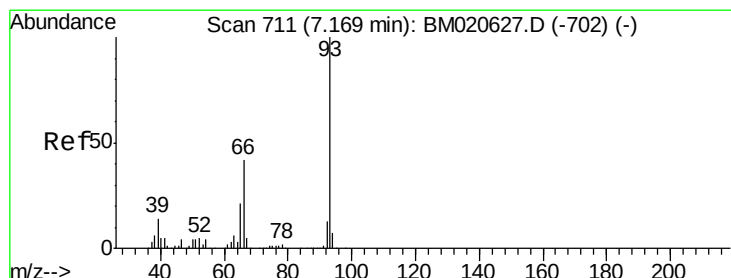
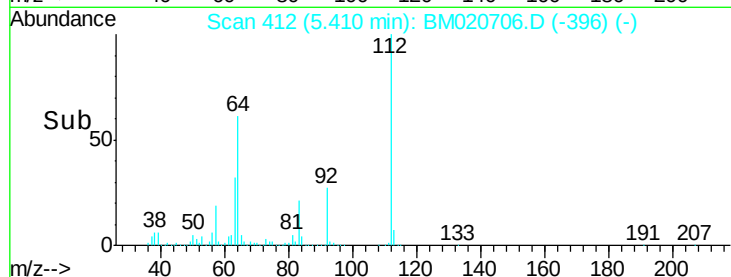
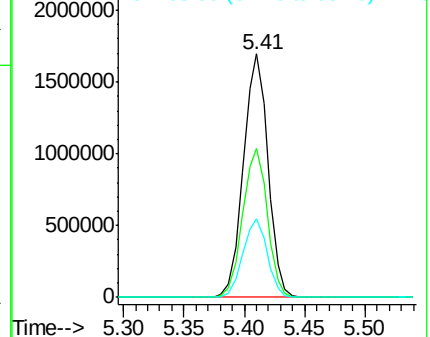
63 32.1 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 27.894 ng

RT: 7.16 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

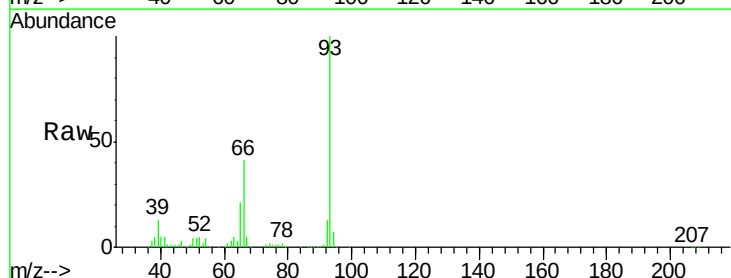
Tgt Ion: 93 Resp: 1046353

Ion Ratio Lower Upper

93 100

66 40.8 33.6 50.4

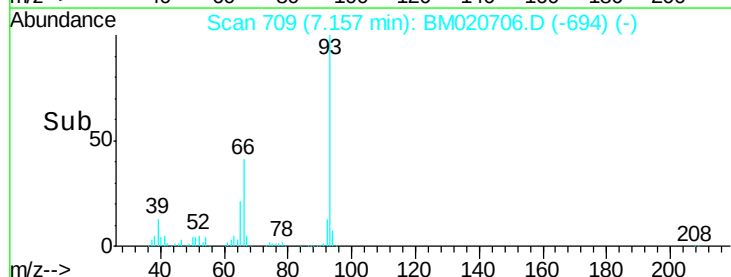
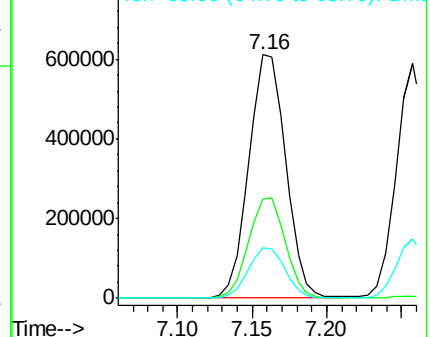
65 20.8 16.7 25.1

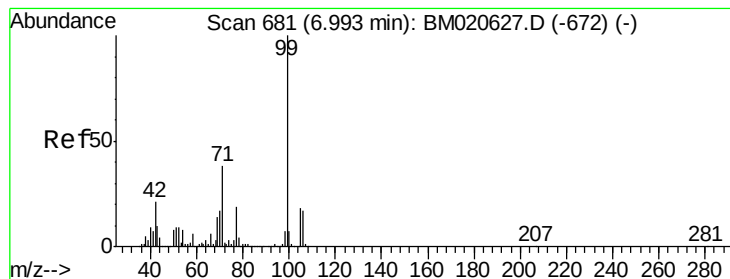


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 119.548 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

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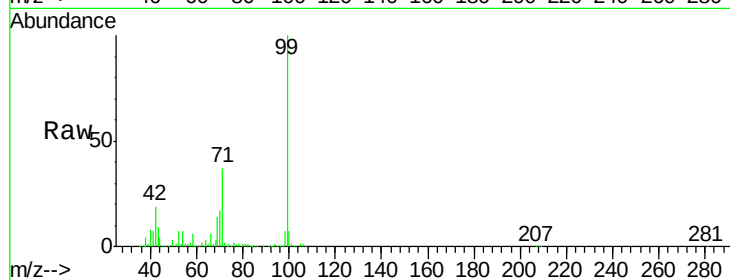
Tgt Ion: 99 Resp: 3099316

Ion Ratio Lower Upper

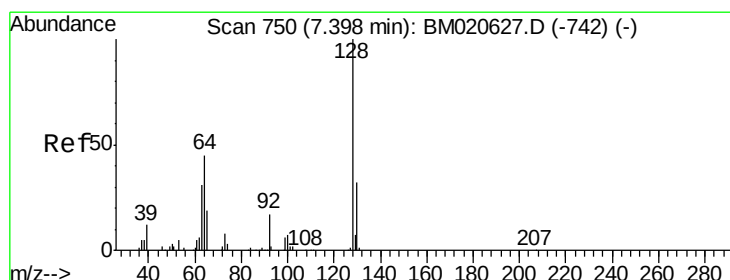
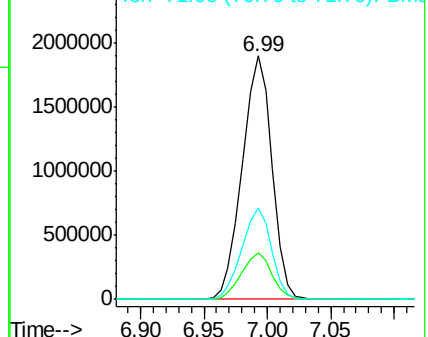
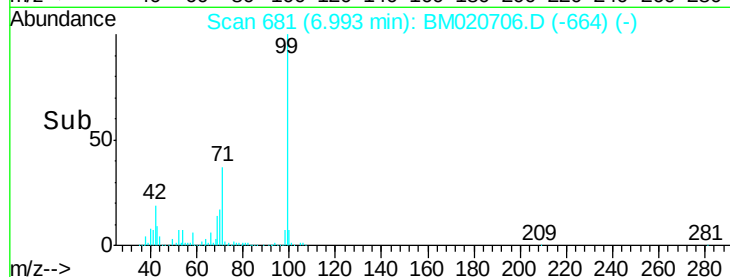
99 100

42 19.0 16.5 24.7

71 37.3 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020706.D (-664) (-)



#8

2-Chlorophenol

Concen: 42.665 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

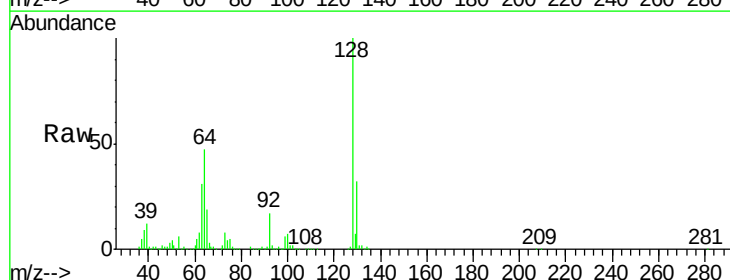
Tgt Ion: 128 Resp: 934517

Ion Ratio Lower Upper

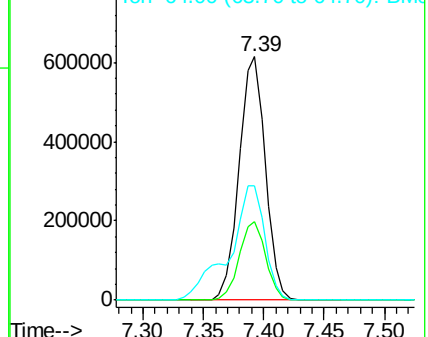
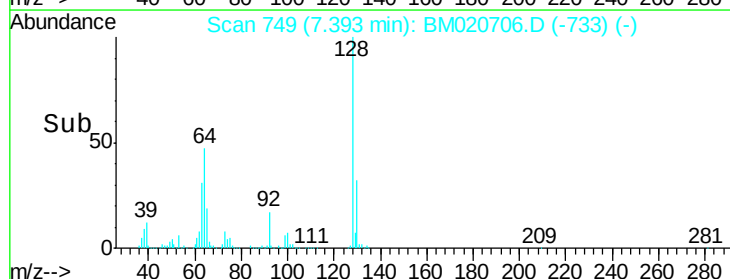
128 100

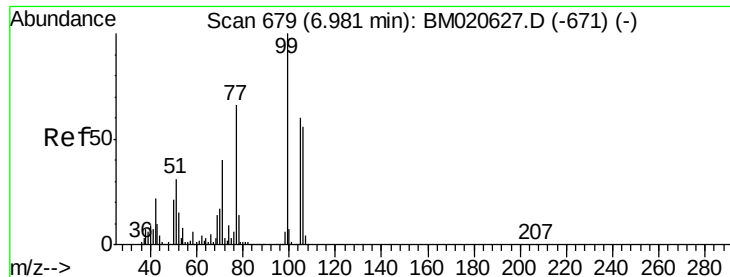
130 32.1 12.2 52.2

64 47.0 29.1 69.1



Abundance Ion 128.00 (127.70 to 128.70): BM020706.D (-733) (-)





#9

Benzaldehyde

Concen: 16.127 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

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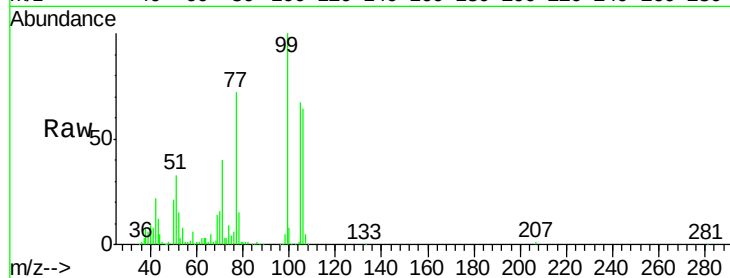
Tgt Ion: 77 Resp: 298393

Ion Ratio Lower Upper

77 100

105 93.4 70.6 110.6

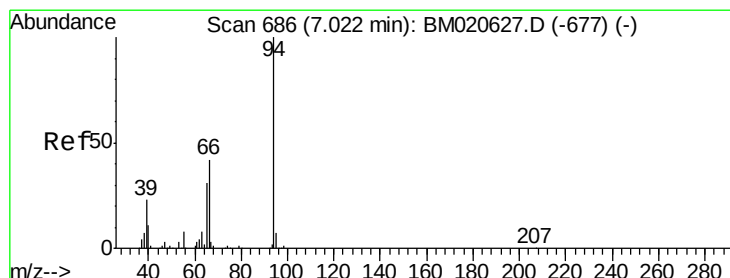
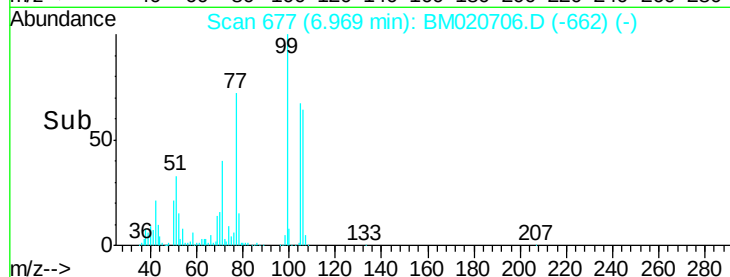
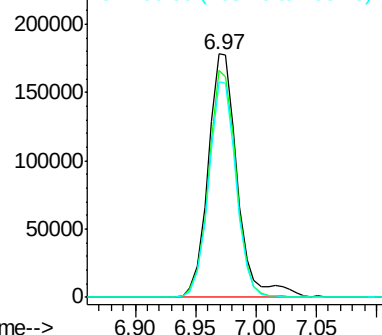
106 88.5 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BM020706.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM020706.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM020706.D (-662) (-)



#10

Phenol

Concen: 40.596 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

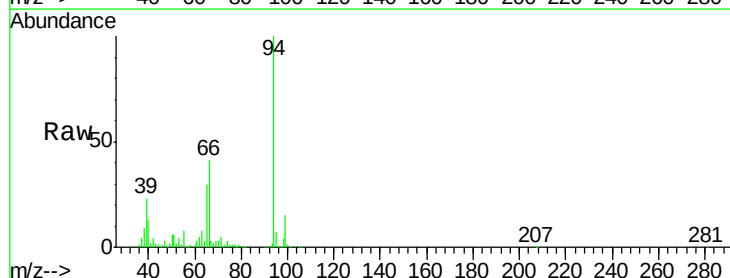
Tgt Ion: 94 Resp: 1134195

Ion Ratio Lower Upper

94 100

65 29.9 10.7 50.7

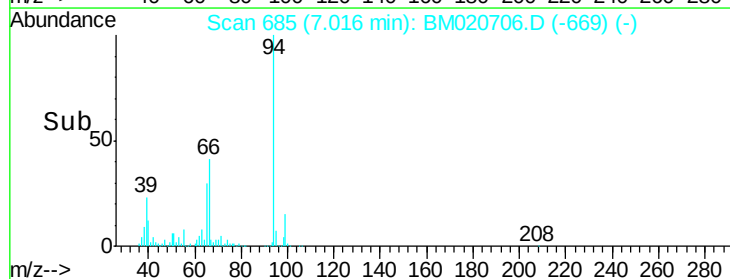
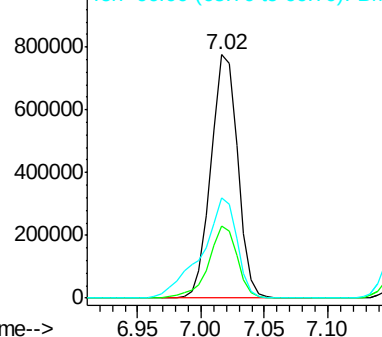
66 41.2 22.3 62.3

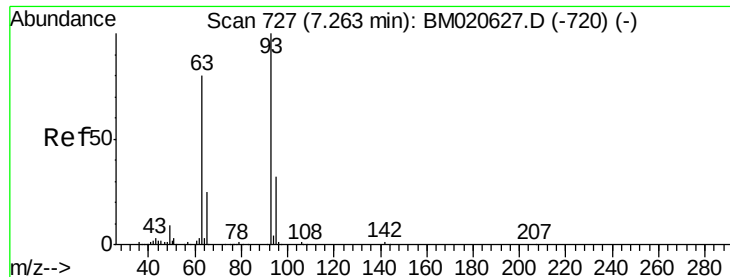


Abundance Ion 94.00 (93.70 to 94.70): BM020706.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020706.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020706.D (-669) (-)

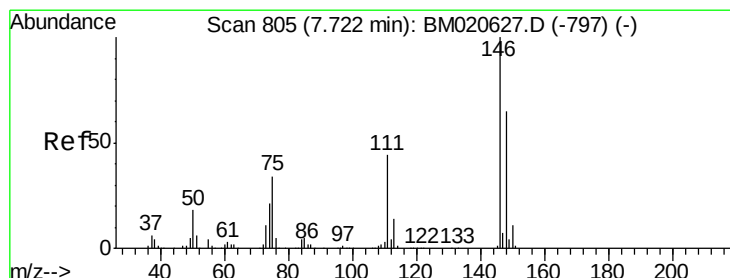
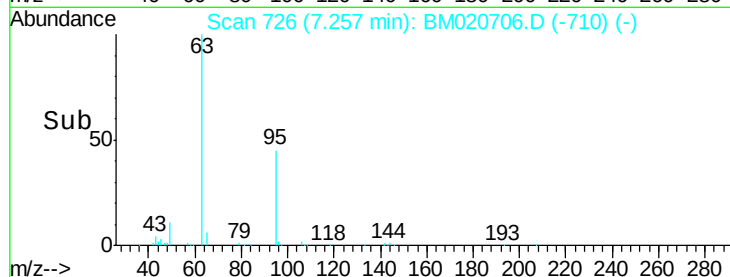
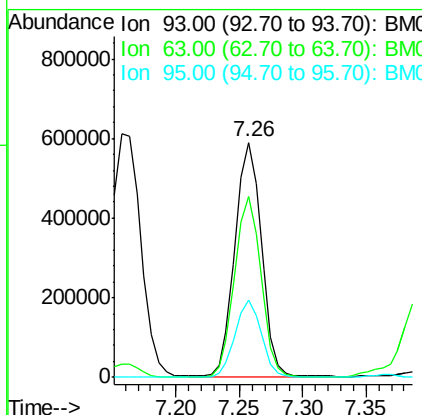
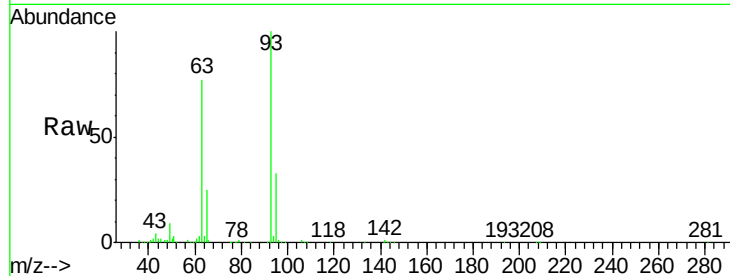




#11
bis(2-Chloroethyl)ether
Concen: 38.271 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

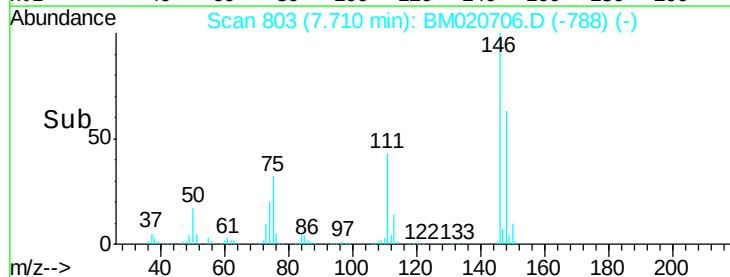
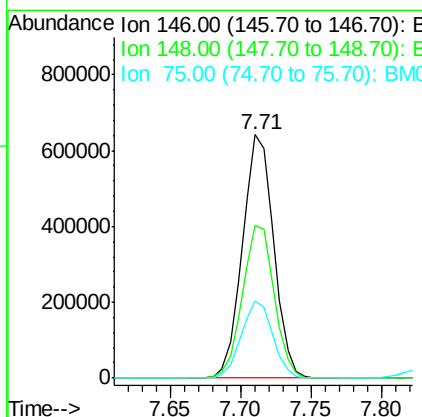
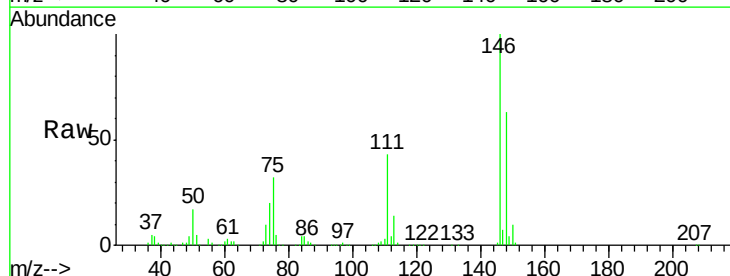
Instrument :
BNA_M
ClientSampleId :
PB120232BS

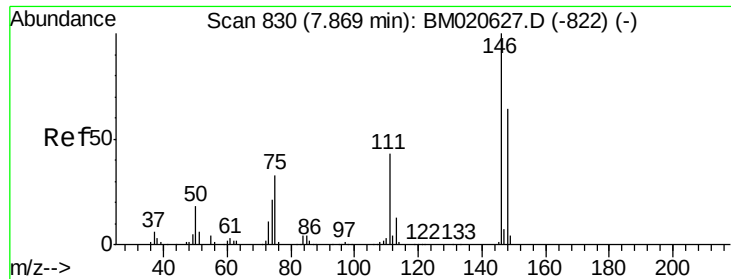
Tgt Ion: 93 Resp: 852131
Ion Ratio Lower Upper
93 100
63 76.9 60.0 100.0
95 32.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.488 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Tgt Ion: 146 Resp: 994047
Ion Ratio Lower Upper
146 100
148 62.9 52.0 78.0
75 31.9 27.0 40.4

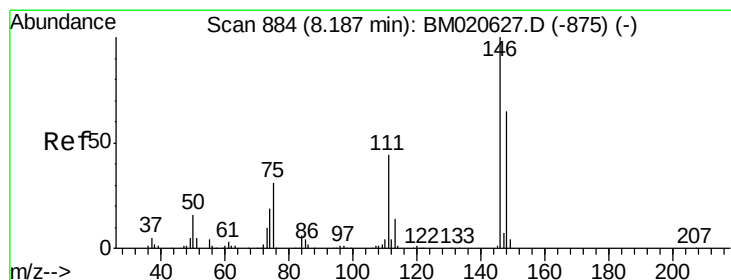
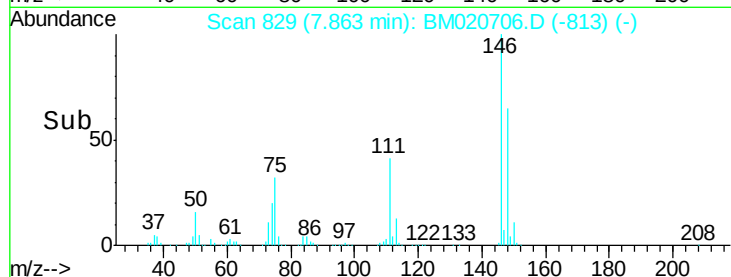
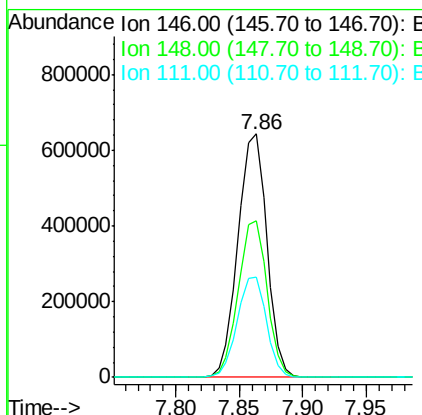
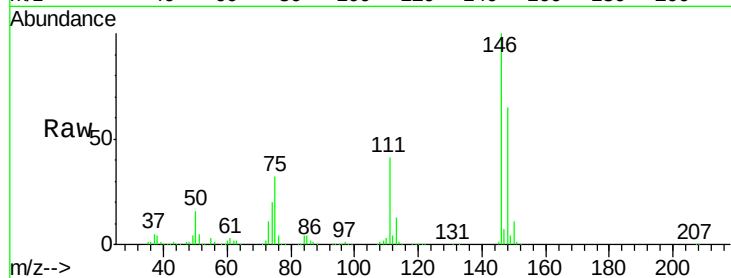




#13
 1,4-Dichlorobenzene
 Concen: 39.796 ng
 RT: 7.86 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BM020706.D
 Acq: 04 Jun 2019 16:59

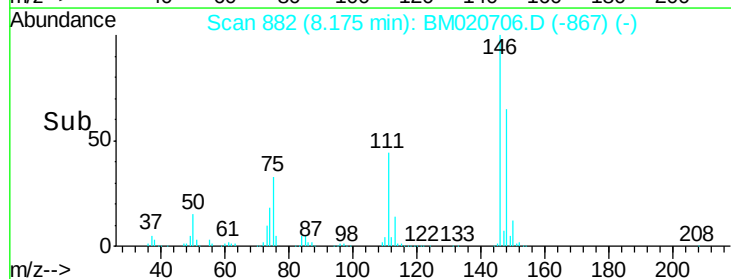
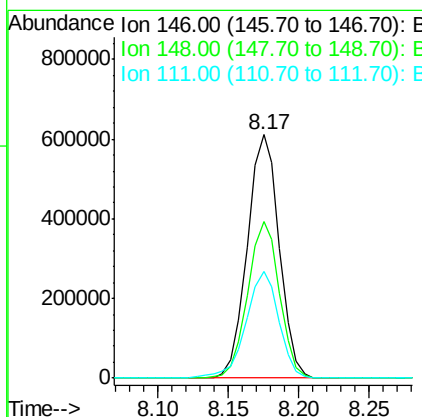
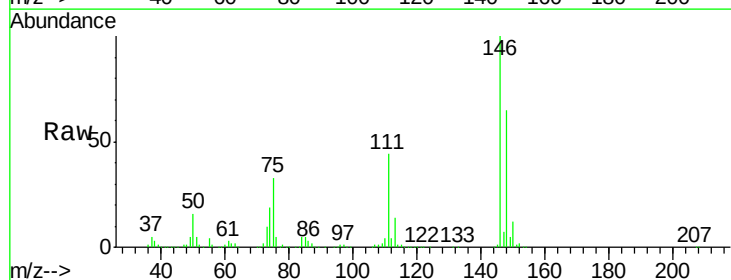
Instrument :
 BNA_M
 ClientSampleId :
 PB120232BS

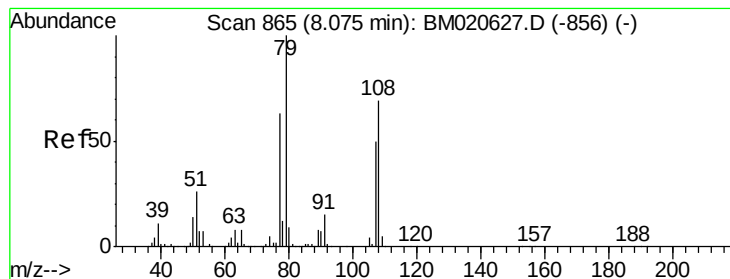
Tgt Ion:146 Resp: 1018445
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.4
 111 41.3 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 38.845 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM020706.D
 Acq: 04 Jun 2019 16:59

Tgt Ion:146 Resp: 967435
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.8 77.8
 111 43.8 35.1 52.7





#15

Benzyl Alcohol

Concen: 36.121 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

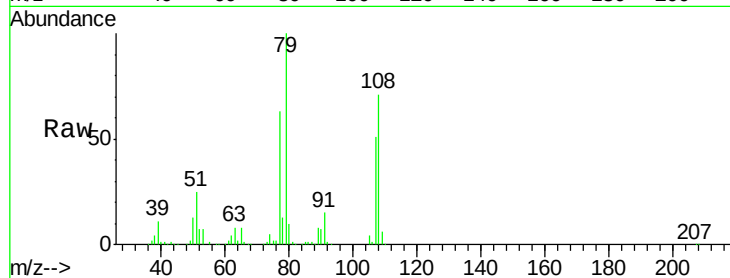
Tgt Ion: 79 Resp: 828443

Ion Ratio Lower Upper

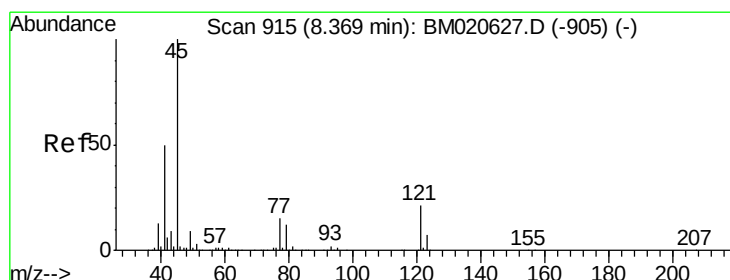
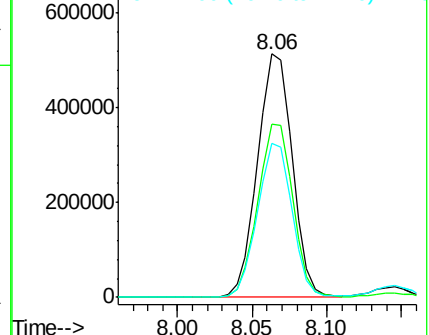
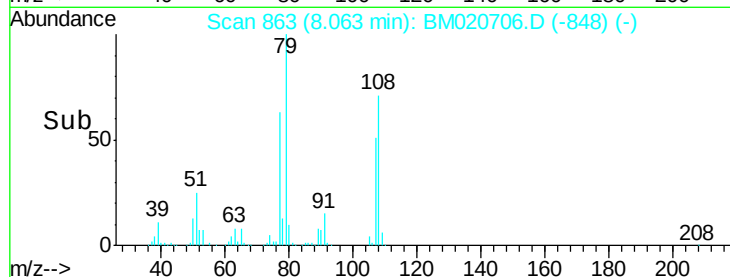
79 100

108 71.2 54.9 82.3

77 63.4 50.2 75.4



Abundance Ion 79.00 (78.70 to 79.70): BM020706.D (-848) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.577 ng

RT: 8.36 min Scan# 913

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

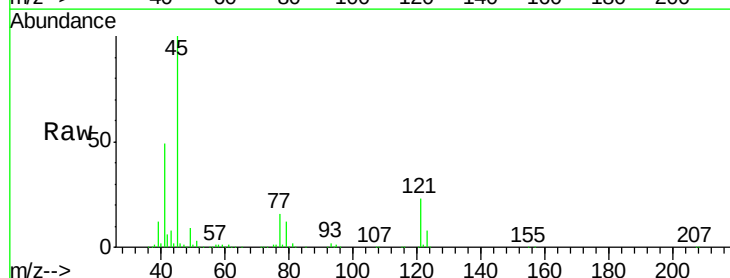
Tgt Ion: 45 Resp: 1188599

Ion Ratio Lower Upper

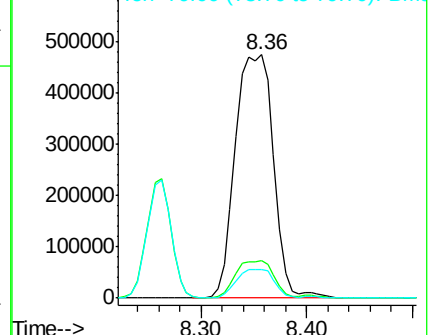
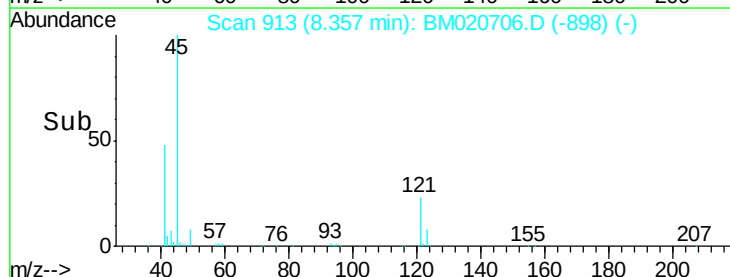
45 100

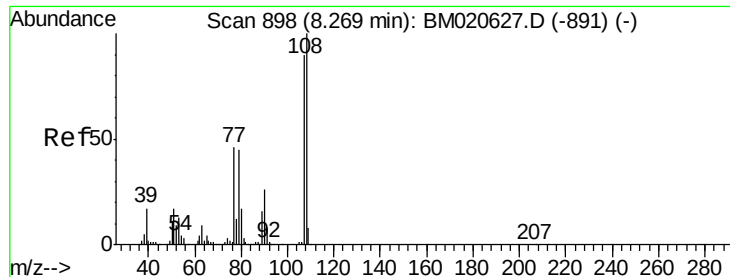
77 15.6 0.0 34.9

79 11.9 0.0 31.8



Abundance Ion 45.00 (44.70 to 45.70): BM020706.D (-898) (-)

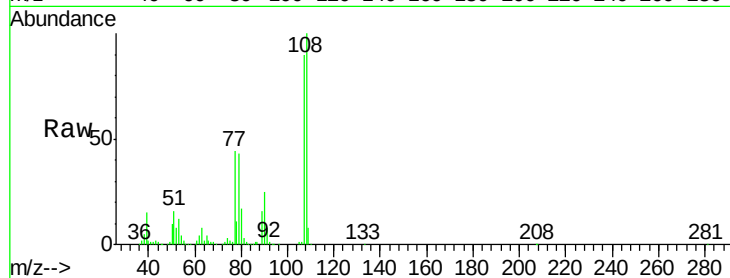




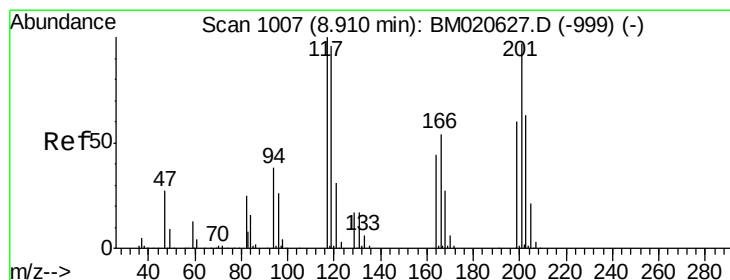
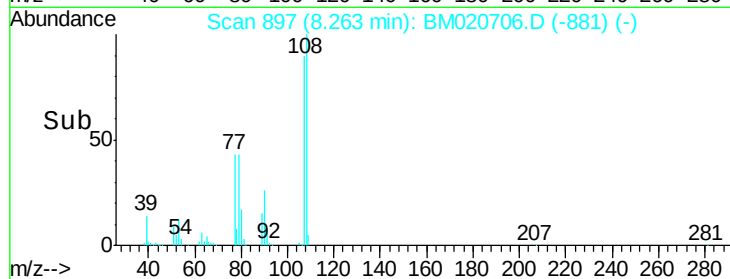
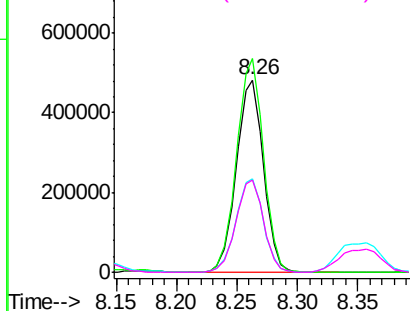
#17
2-Methylphenol
Concen: 38.314 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Instrument :
BNA_M
ClientSampleId :
PB120232BS

Tgt Ion:	107	Resp:	752714
Ion	Ratio	Lower	Upper
107	100		
108	111.0	88.6	133.0
77	48.3	40.6	61.0
79	47.8	39.9	59.9

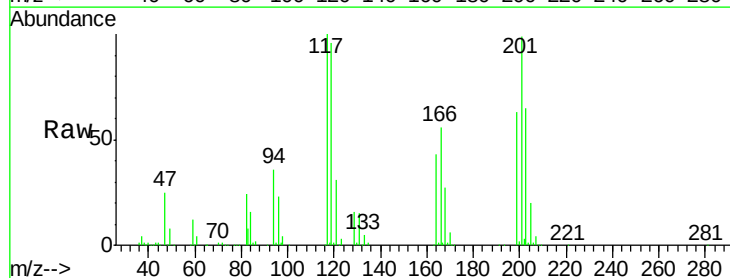


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

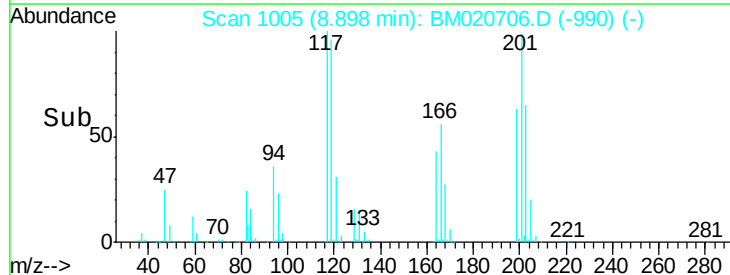
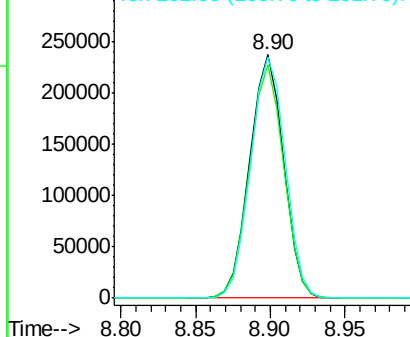


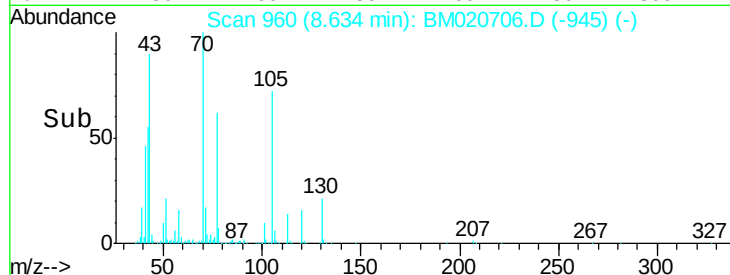
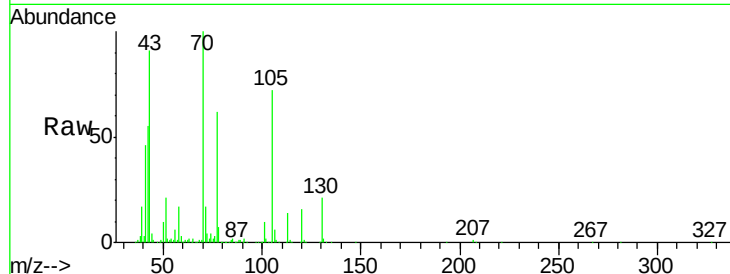
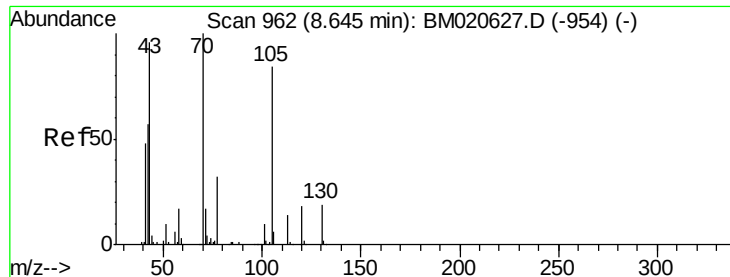
#18
Hexachloroethane
Concen: 38.069 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Tgt Ion:	117	Resp:	372997
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.7	115.1
201	99.2	77.9	116.9



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

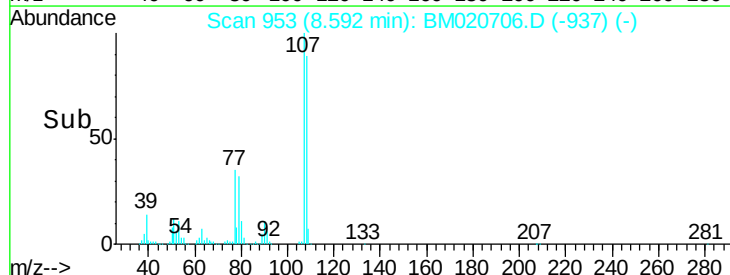
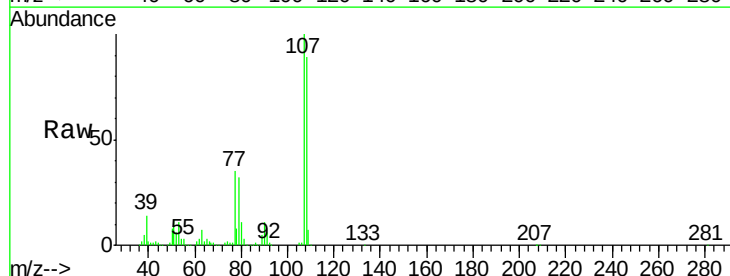
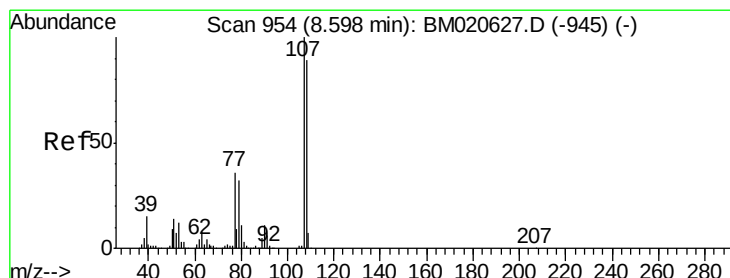
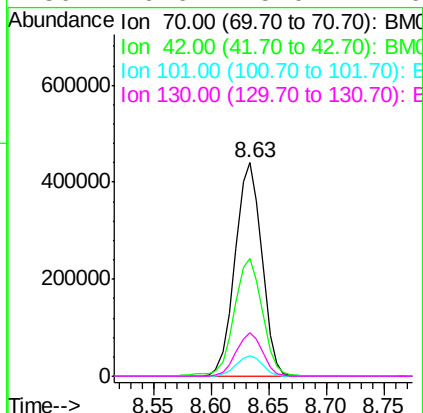




#19
n-Nitroso-di-n-propylamine
Concen: 33.884 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

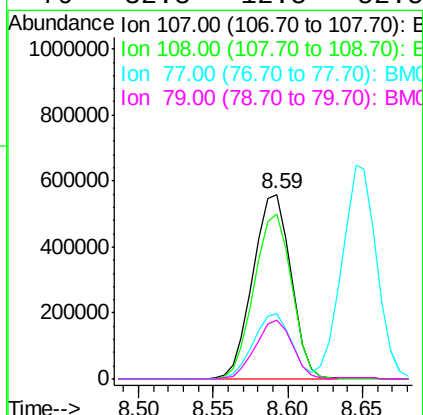
Instrument :
BNA_M
ClientSampleId :
PB120232BS

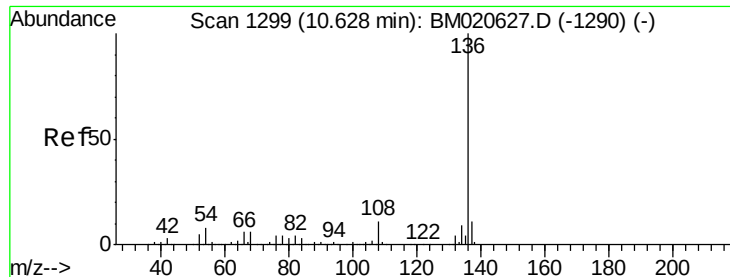
Tgt Ion:	70	Resp:	706130
Ion	Ratio	Lower	Upper
70	100		
42	55.1	46.8	70.2
101	9.6	7.8	11.6
130	20.6	15.0	22.6



#20
3+4-Methylphenols
Concen: 37.041 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Tgt Ion:	107	Resp:	990079
Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.2	109.2
77	35.3	16.2	56.2
79	32.3	12.5	52.5

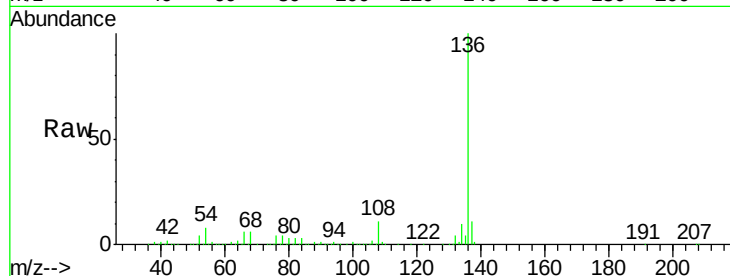




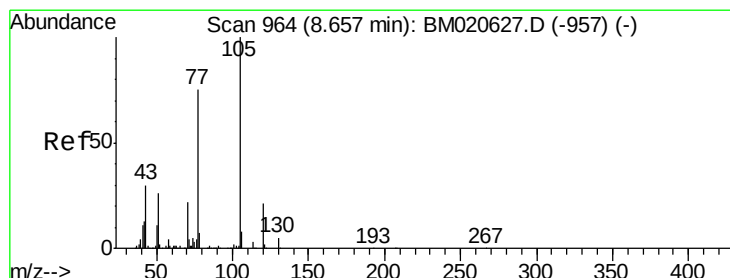
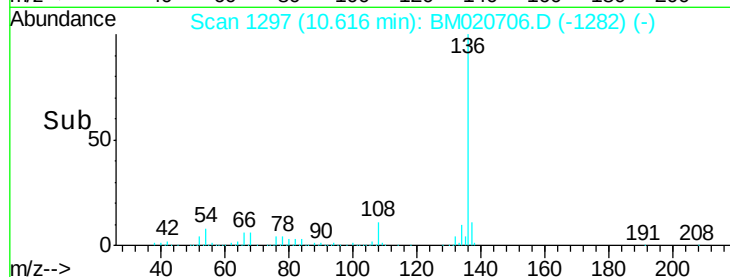
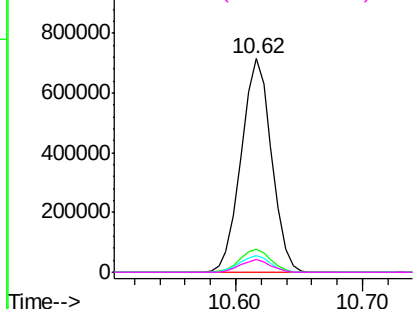
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Instrument :
BNA_M
ClientSampleId :
PB120232BS

Tgt Ion:136 Resp: 1185641
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 6.6 10.0
68 6.3 5.1 7.7

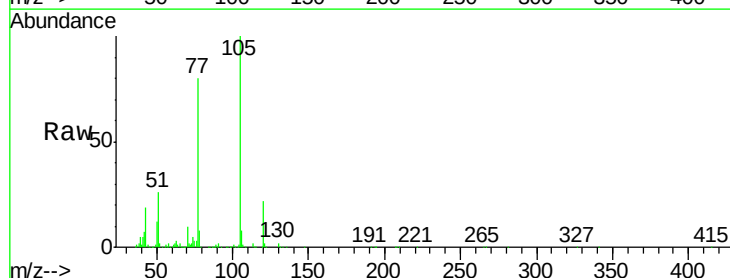


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

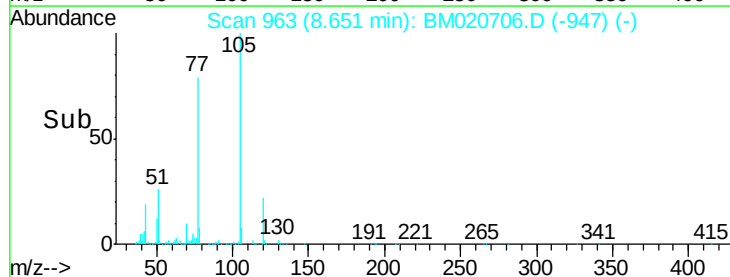
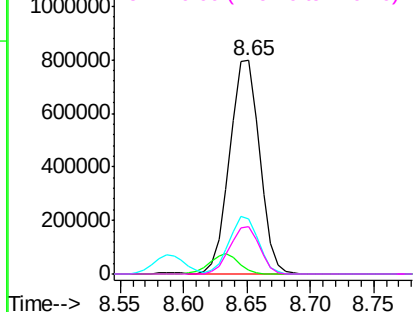


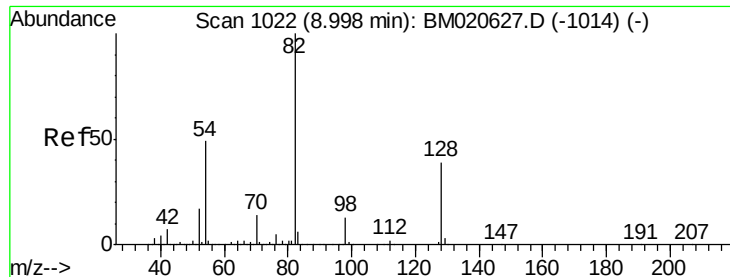
#22
Acetophenone
Concen: 43.196 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Tgt Ion:105 Resp: 1301052
Ion Ratio Lower Upper
105 100
71 1.9 3.2 4.8#
51 25.7 22.8 34.2
120 22.1 17.0 25.4



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

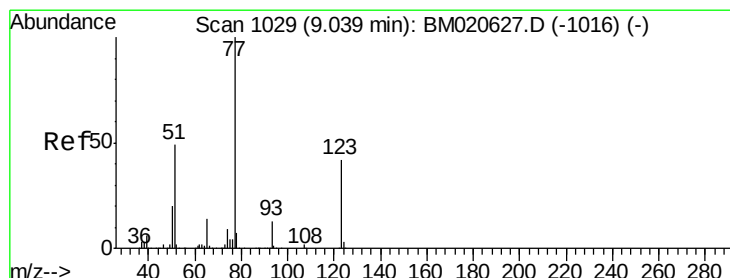
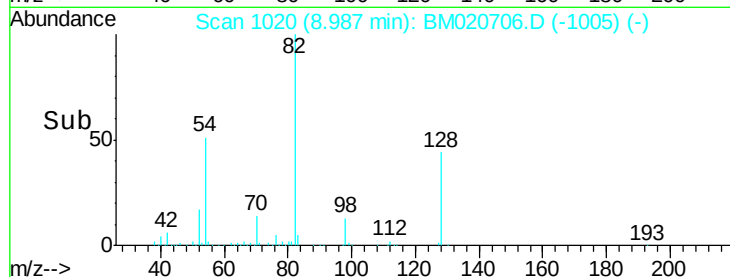
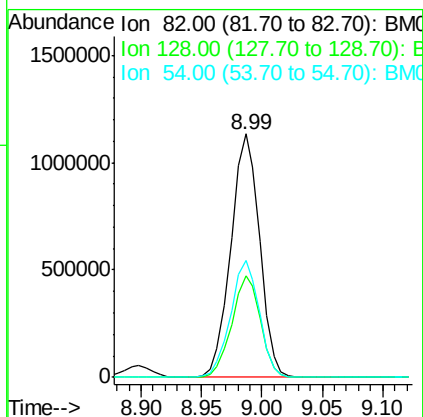
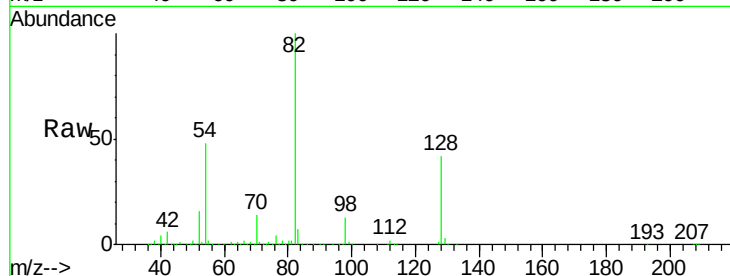




#23
Nitrobenzene-d5
Concen: 82.348 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

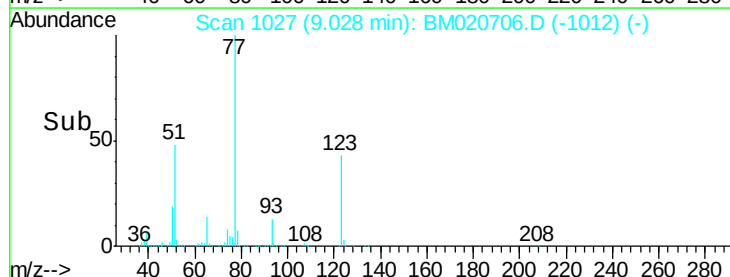
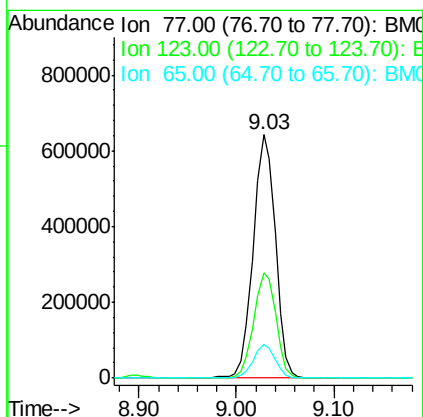
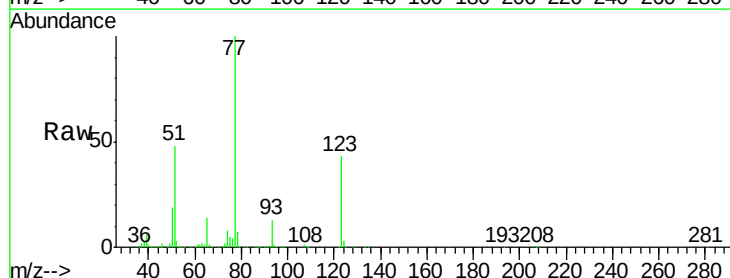
Instrument :
BNA_M
ClientSampleId :
PB120232BS

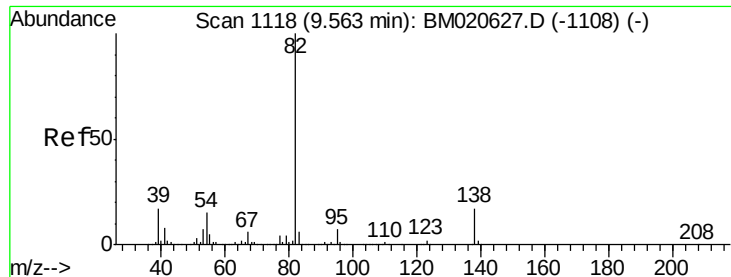
Tgt Ion: 82 Resp: 1884418
Ion Ratio Lower Upper
82 100
128 41.6 31.5 47.3
54 48.2 39.4 59.0



#24
Nitrobenzene
Concen: 43.711 ng
RT: 9.03 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Tgt Ion: 77 Resp: 1021147
Ion Ratio Lower Upper
77 100
123 43.3 33.7 50.5
65 13.8 11.0 16.6





#25

Isophorone

Concen: 40.059 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

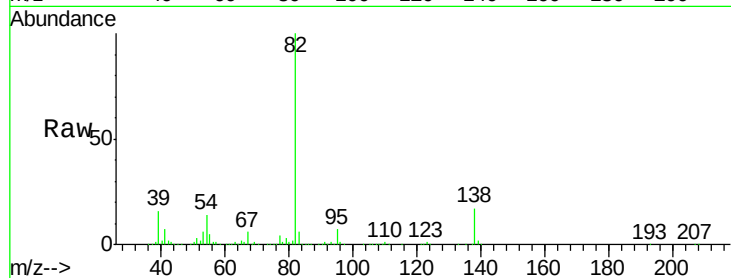
Tgt Ion: 82 Resp: 1823473

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.8

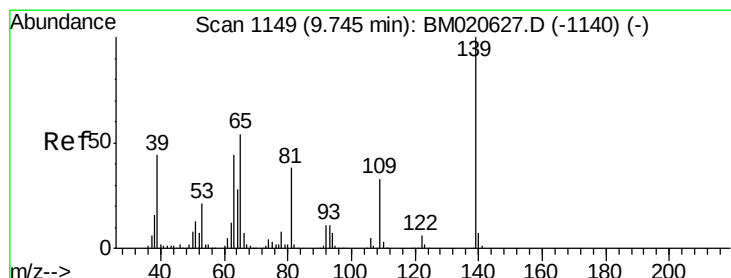
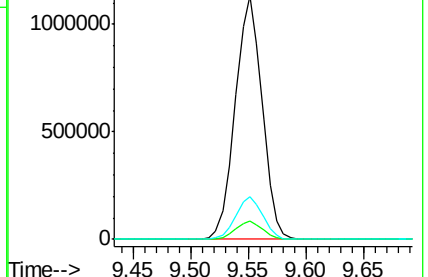
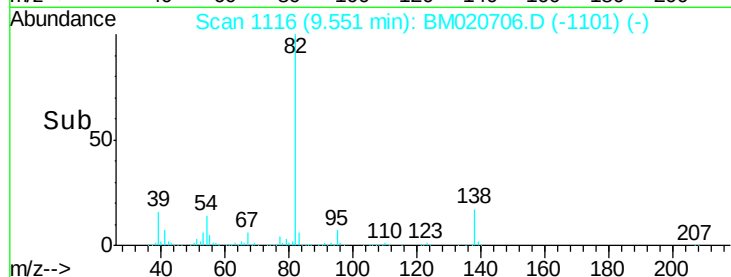
138 17.4 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM020706.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM020706.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM020706.D (-1116) (-)



#26

2-Nitrophenol

Concen: 50.049 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

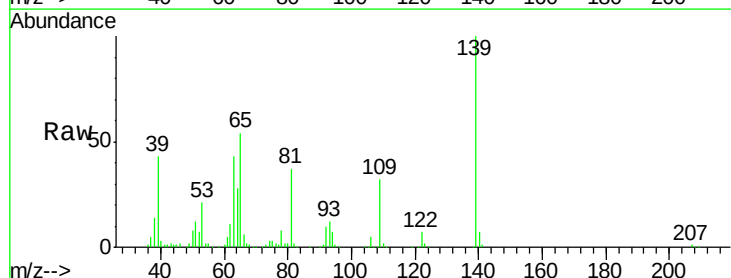
Tgt Ion: 139 Resp: 435756

Ion Ratio Lower Upper

139 100

109 32.1 26.1 39.1

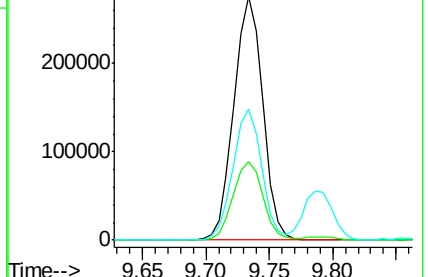
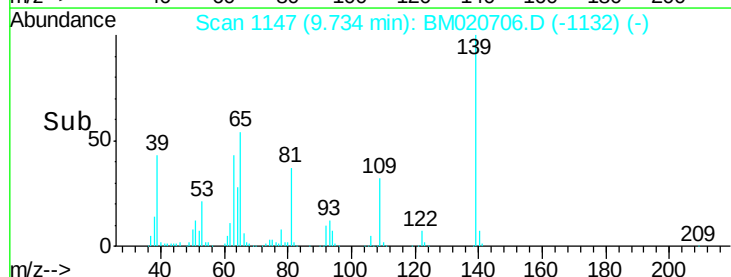
65 53.8 43.4 65.0

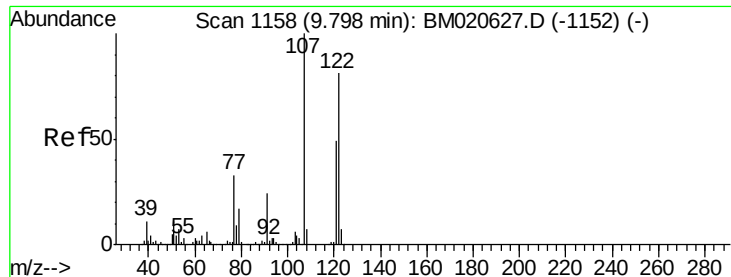


Abundance Ion 139.00 (138.70 to 139.70): BM020706.D (-1147) (-)

Ion 109.00 (108.70 to 109.70): BM020706.D (-1147) (-)

Ion 65.00 (64.70 to 65.70): BM020706.D (-1147) (-)

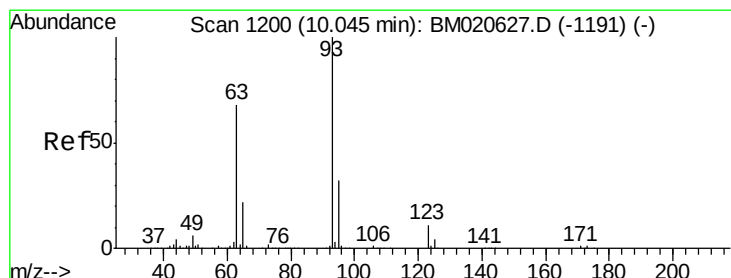
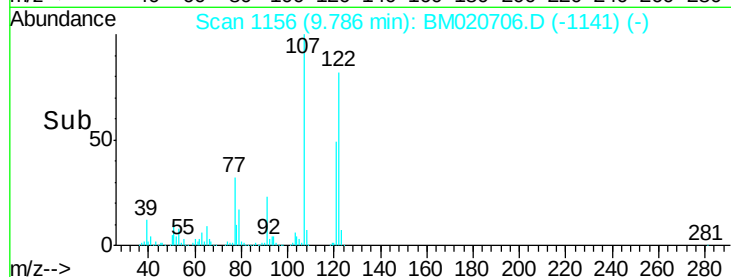
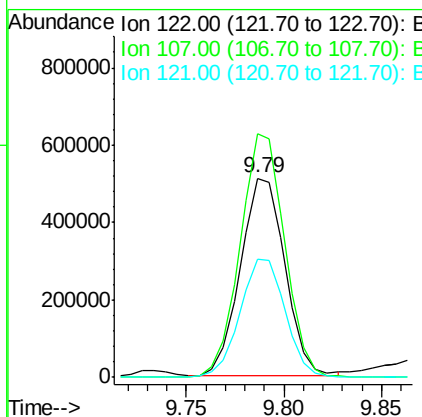
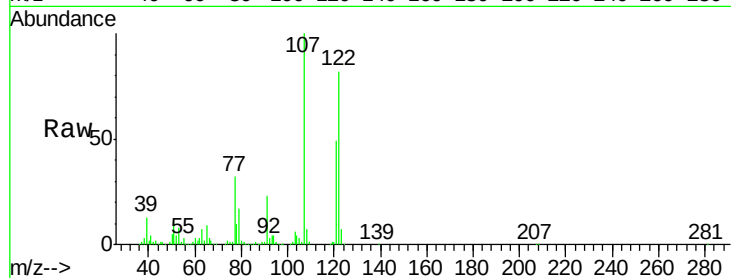




#27
 2,4-Dimethylphenol
 Concen: 49.460 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BM020706.D
 Acq: 04 Jun 2019 16:59

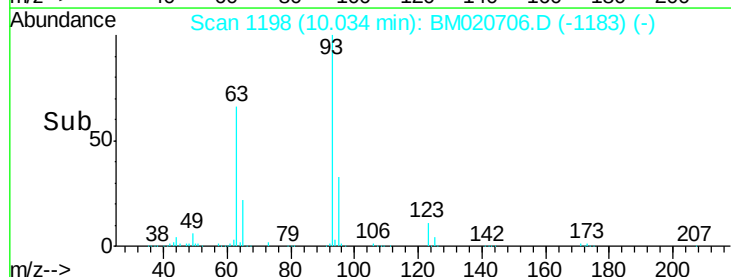
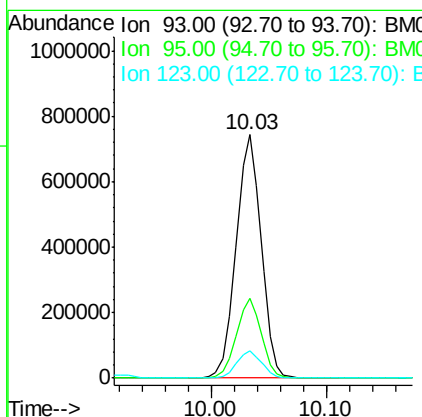
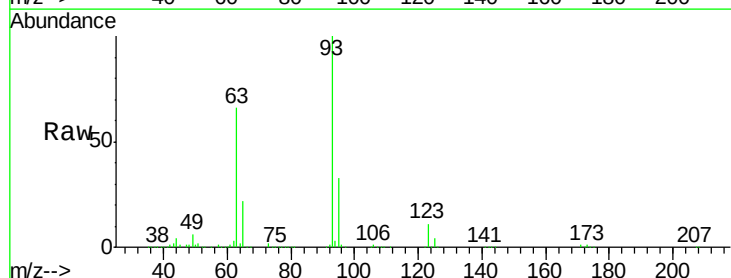
Instrument :
 BNA_M
 ClientSampleId :
 PB120232BS

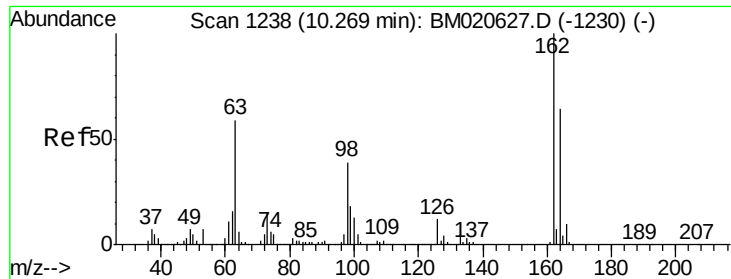
Tgt Ion: 122 Resp: 806917
 Ion Ratio Lower Upper
 122 100
 107 122.4 98.0 147.0
 121 59.7 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.539 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM020706.D
 Acq: 04 Jun 2019 16:59

Tgt Ion: 93 Resp: 1115738
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.8 38.6
 123 11.2 9.0 13.6

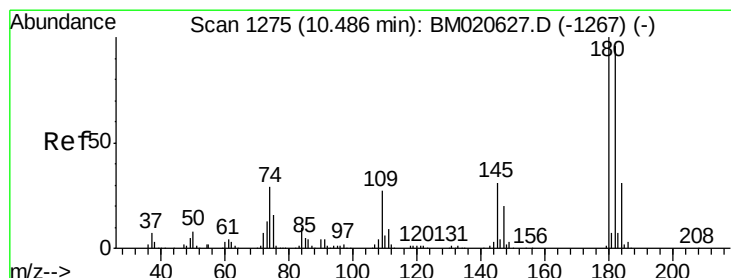
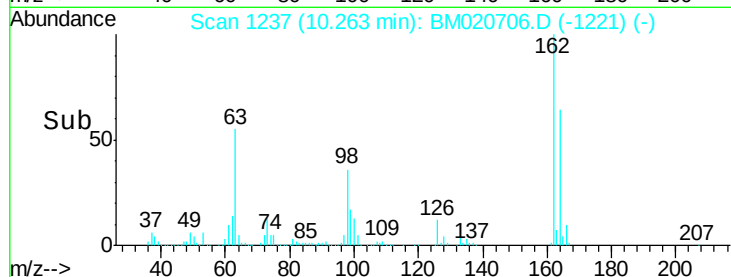
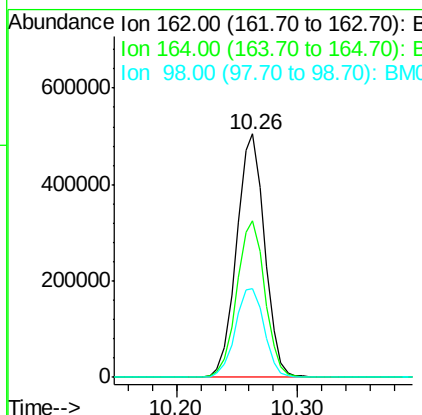
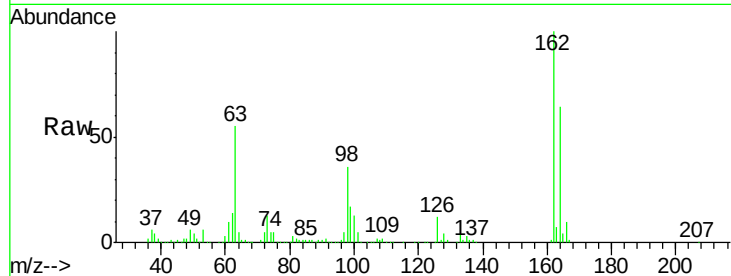




#29
2,4-Dichlorophenol
Concen: 45.440 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

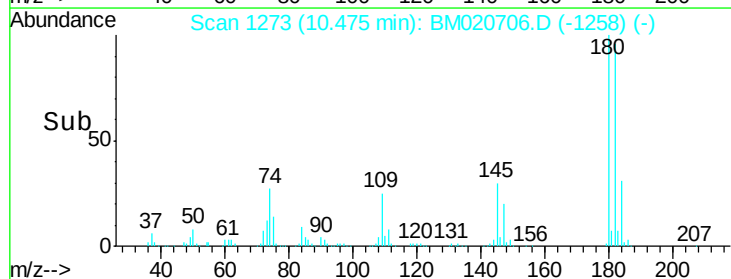
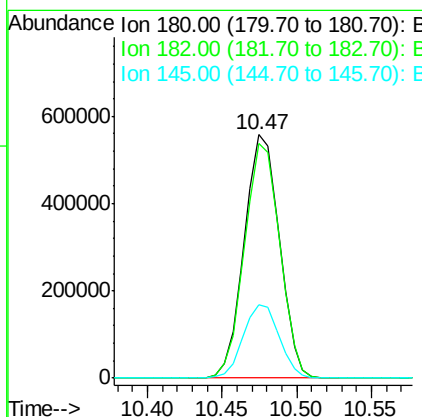
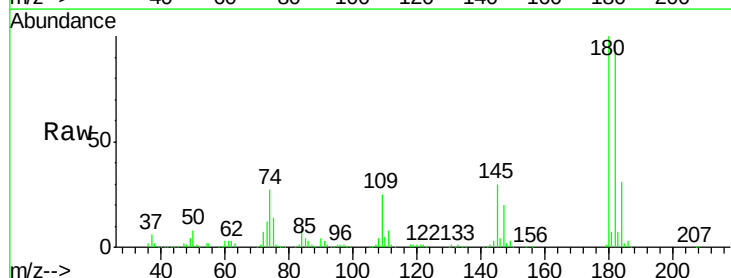
Instrument :
BNA_M
ClientSampleId :
PB120232BS

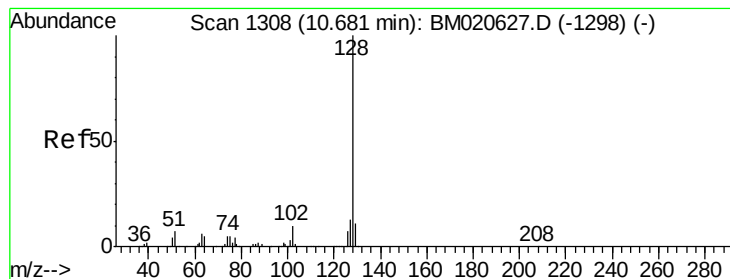
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.8	83.8
98	36.4	19.1	59.1



#30
1,2,4-Trichlorobenzene
Concen: 43.992 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.0	115.6
145	30.3	25.0	37.4





#31

Naphthalene

Concen: 43.882 ng

RT: 10.67 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

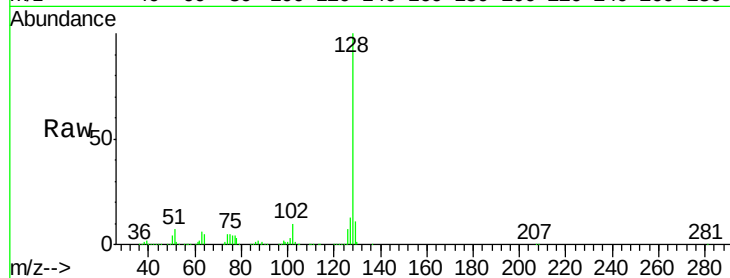
Tgt Ion:128 Resp: 2675450

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

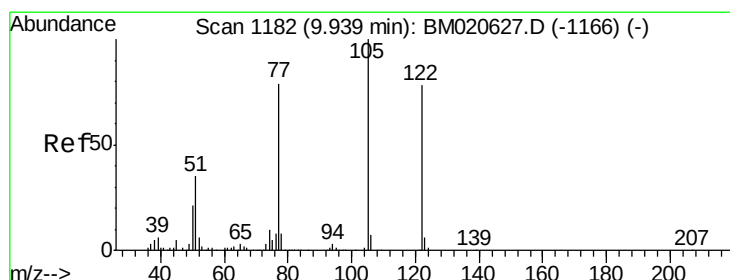
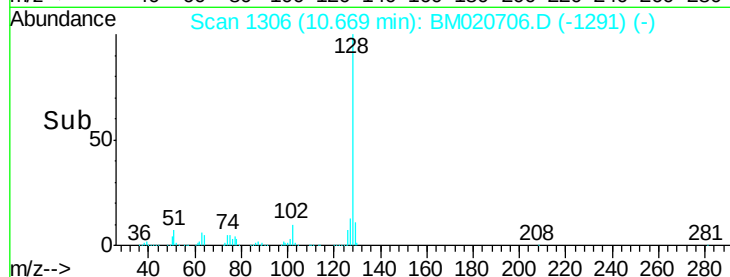
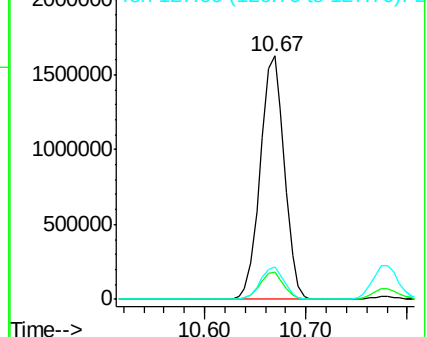
127 13.2 10.3 15.5



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: 42.220 ng

RT: 9.92 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

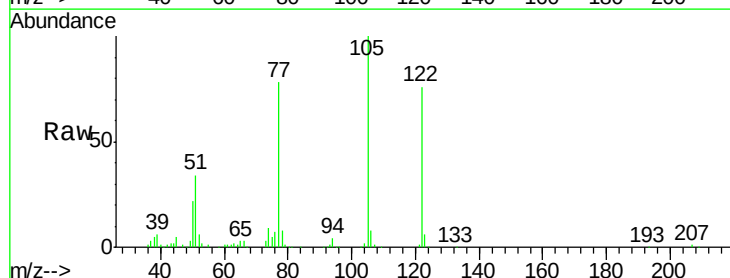
Tgt Ion:122 Resp: 426441

Ion Ratio Lower Upper

122 100

105 130.8 107.0 147.0

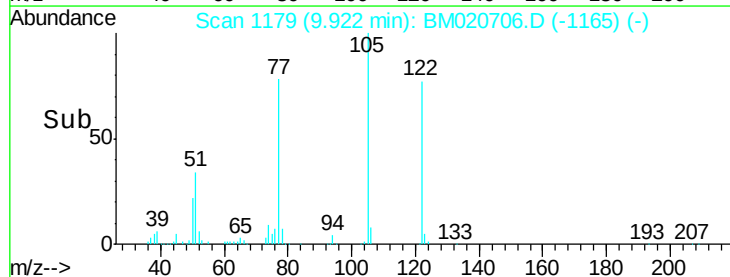
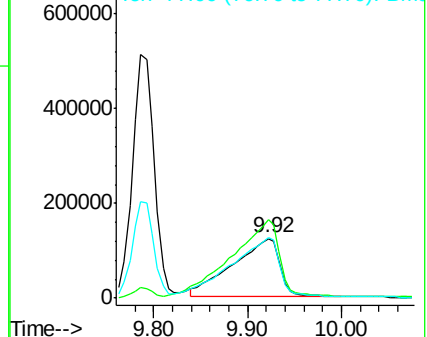
77 102.3 80.9 120.9

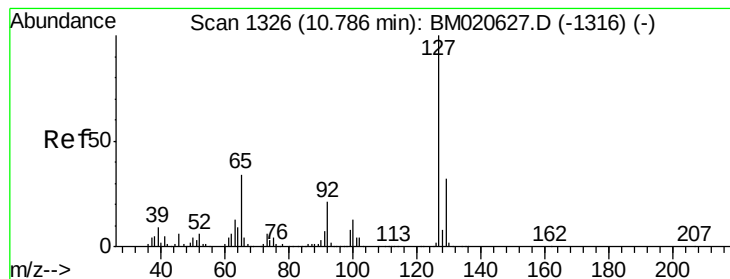


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

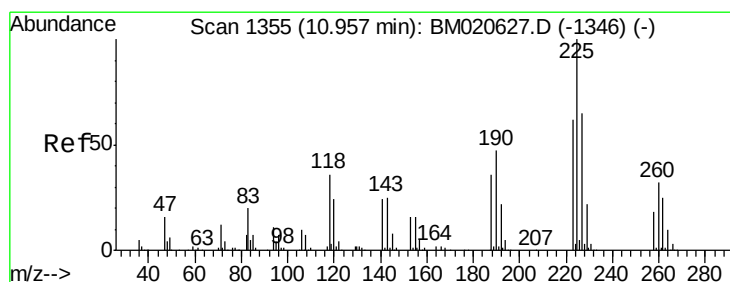
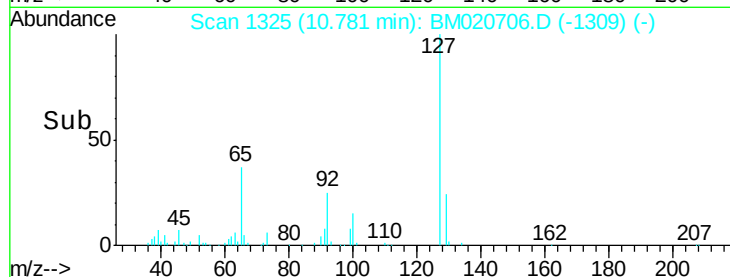
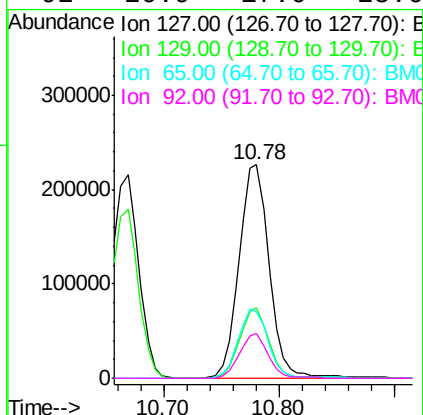
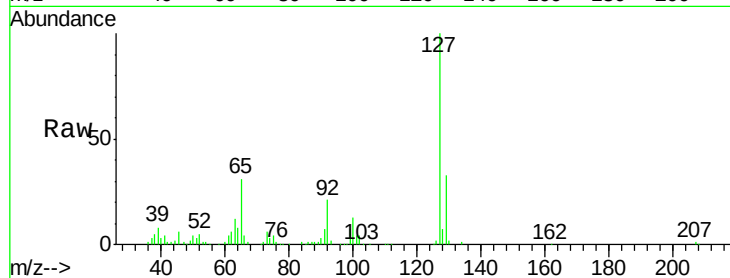




#33
4-Chloroaniline
Concen: 14.504 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

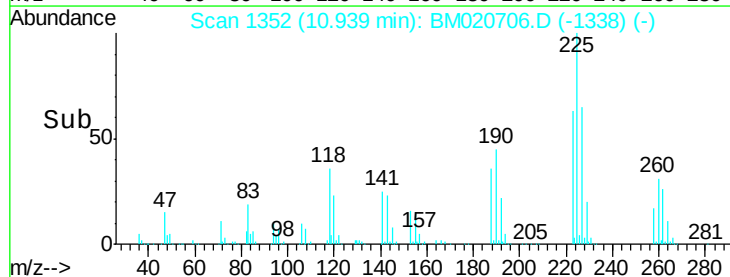
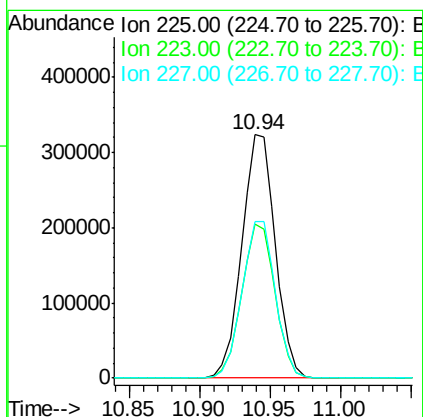
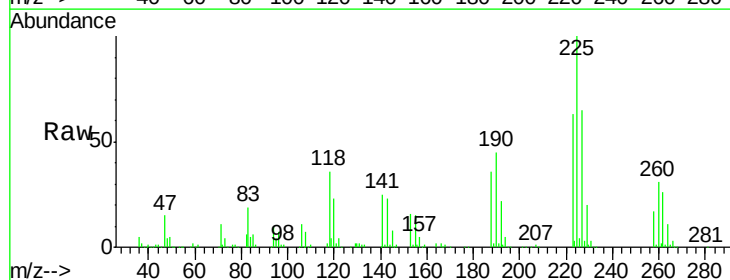
Instrument :
BNA_M
ClientSampleId :
PB120232BS

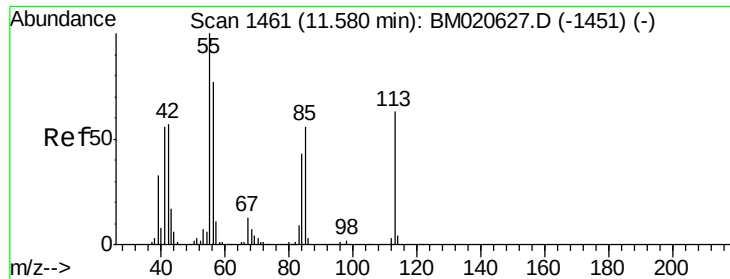
Tgt Ion:	127	Resp:	411543
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.7	38.5
65	31.2	27.4	41.0
92	20.9	17.0	25.6



#34
Hexachlorobutadiene
Concen: 42.993 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Tgt Ion:	225	Resp:	535403
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	64.6	51.8	77.8





#35

Caprolactam

Concen: 34.536 ng

RT: 11.57 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

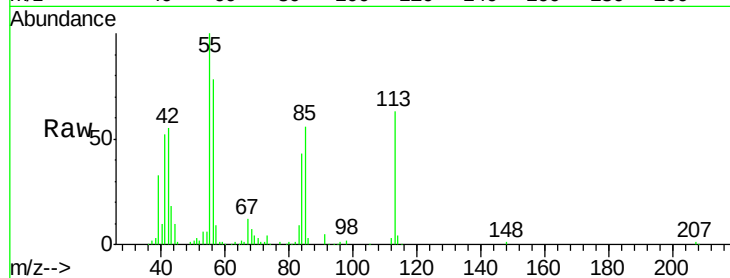
Tgt Ion:113 Resp: 216567

Ion Ratio Lower Upper

113 100

55 159.7 138.6 178.6

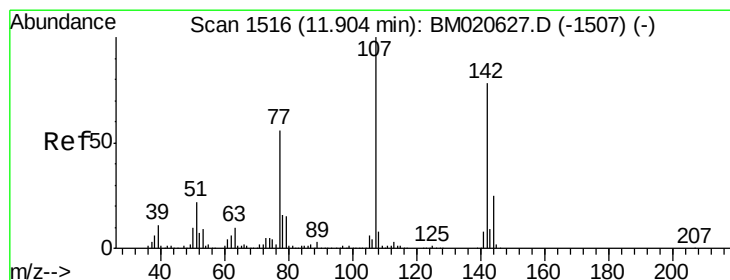
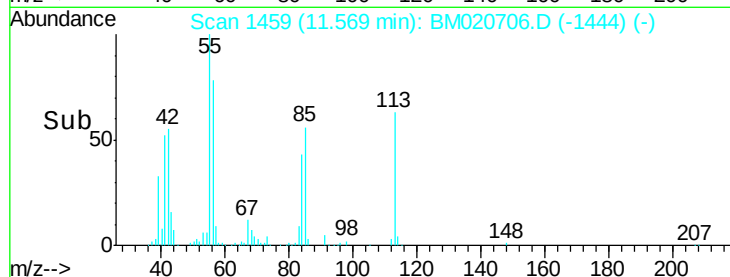
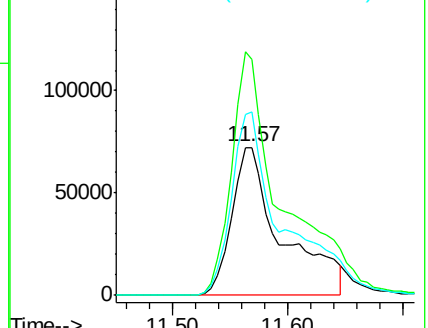
56 124.2 102.3 142.3



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: 40.153 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

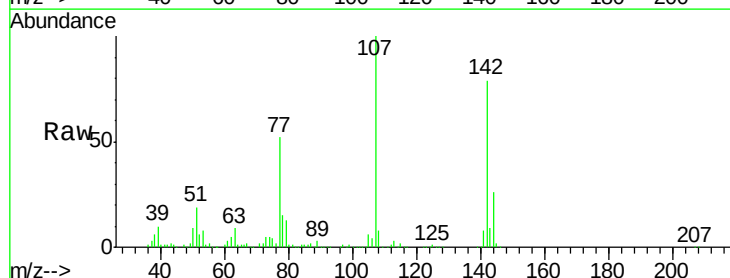
Tgt Ion:107 Resp: 842659

Ion Ratio Lower Upper

107 100

144 25.7 20.3 30.5

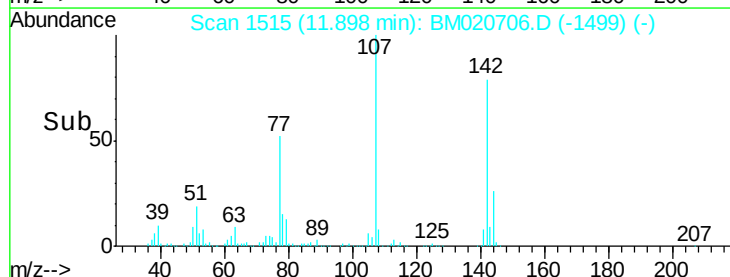
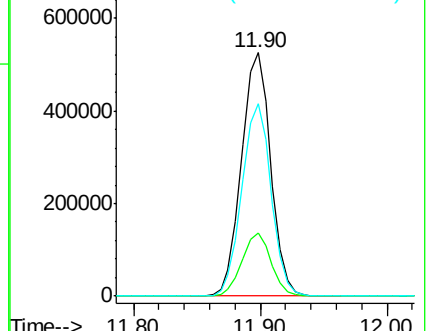
142 79.1 62.6 93.8

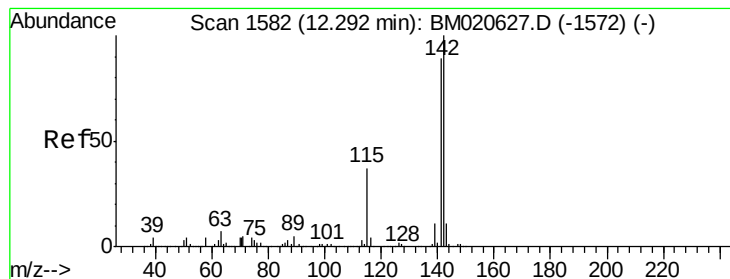


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.402 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

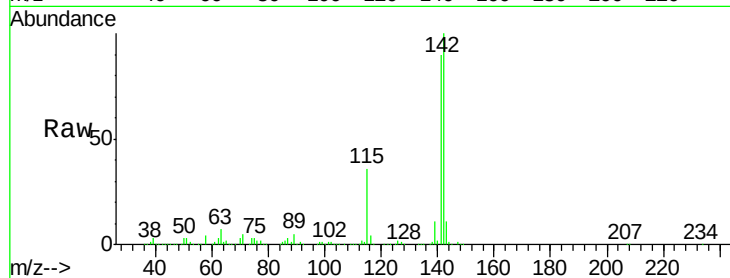
Tgt Ion:142 Resp: 1916259

Ion Ratio Lower Upper

142 100

141 89.7 71.6 107.4

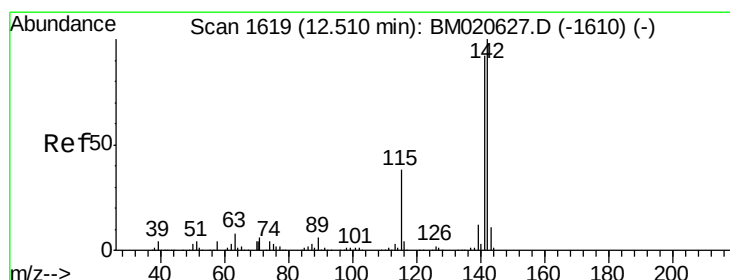
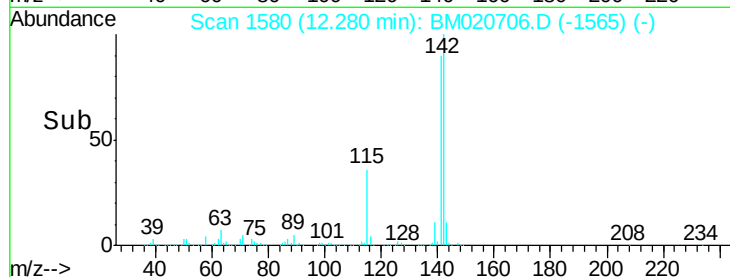
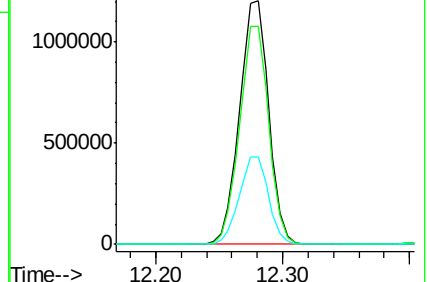
115 35.9 29.6 44.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.340 ng

RT: 12.50 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

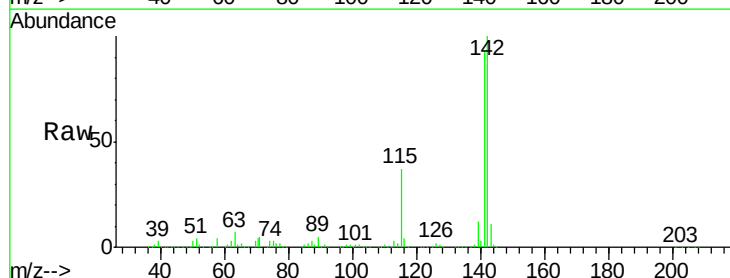
Tgt Ion:142 Resp: 1821961

Ion Ratio Lower Upper

142 100

141 93.2 73.9 110.9

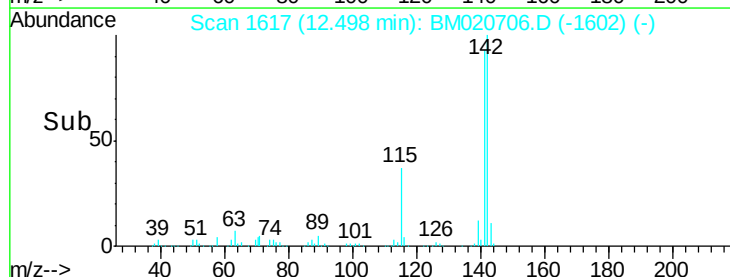
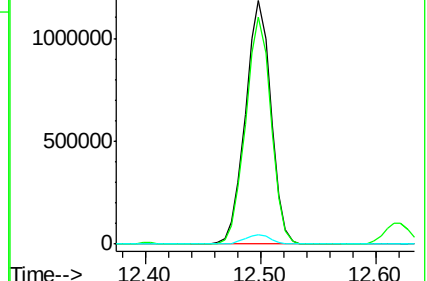
116 3.9 3.2 4.8

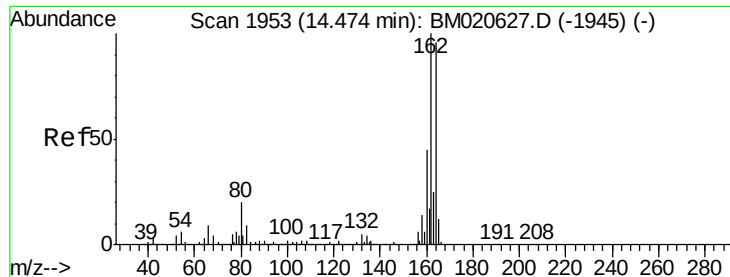


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

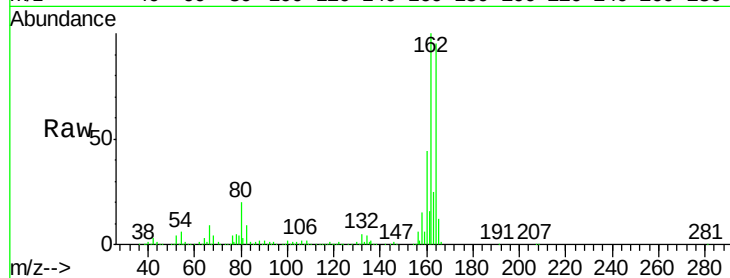
Tgt Ion:164 Resp: 609741

Ion Ratio Lower Upper

164 100

162 105.5 83.2 124.8

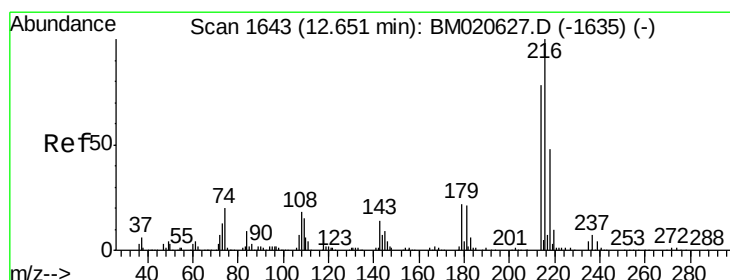
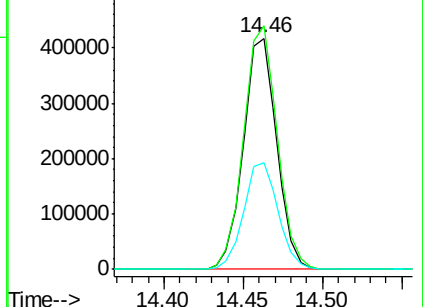
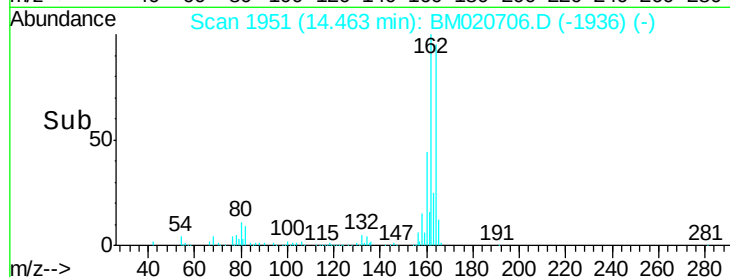
160 46.2 37.5 56.3



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: 49.004 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Tgt Ion:216 Resp: 979186

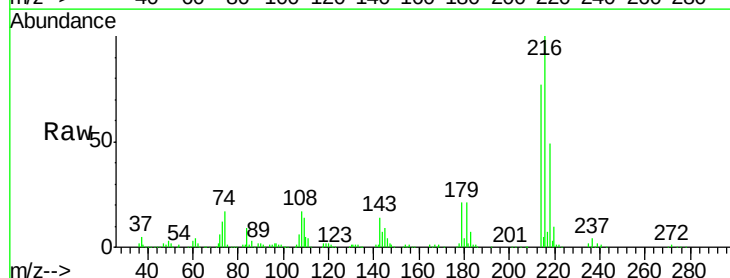
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 21.9 17.9 26.9

108 21.0 16.2 24.2

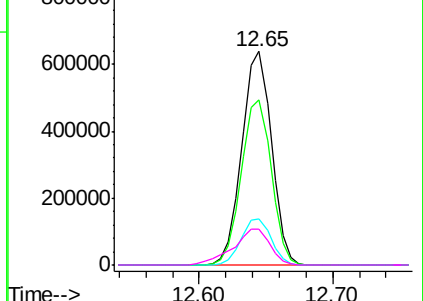
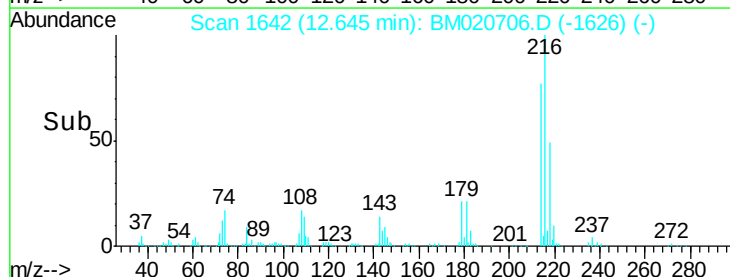


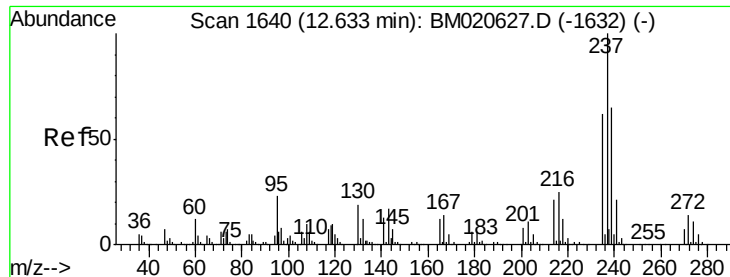
Abundance Ion 216.00 (215.70 to 216.70): E

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: 103.672 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

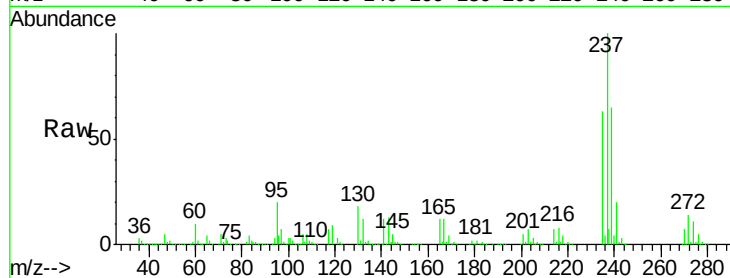
Tgt Ion:237 Resp: 1238939

Ion Ratio Lower Upper

237 100

235 62.8 42.1 82.1

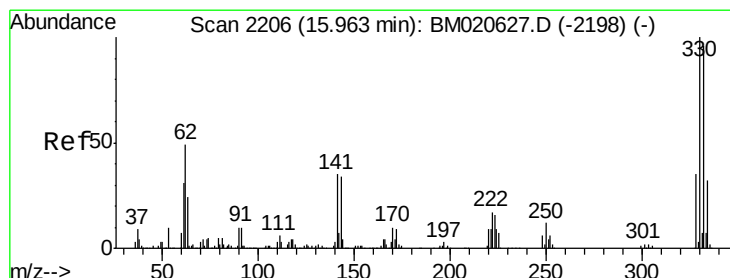
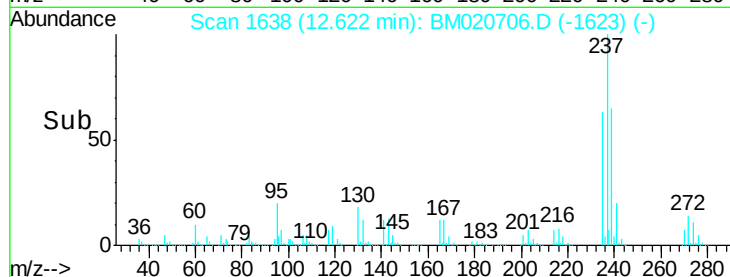
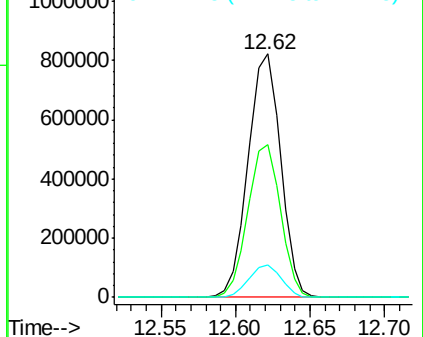
272 13.5 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 135.457 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

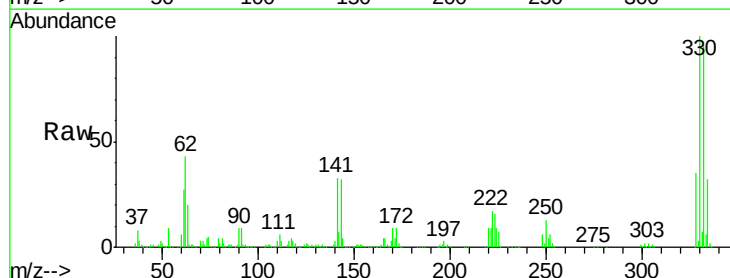
Tgt Ion:330 Resp: 1023332

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

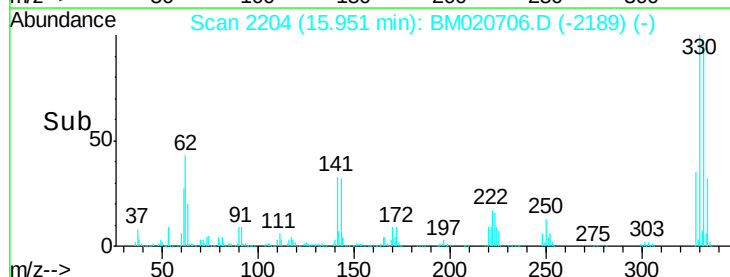
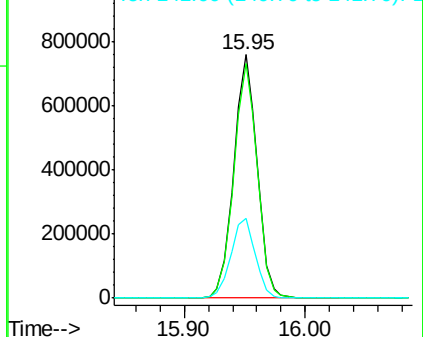
141 34.3 30.4 45.6

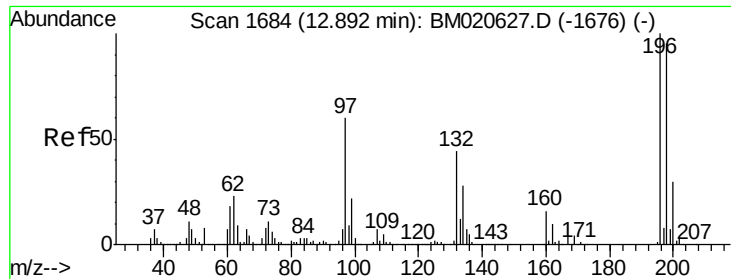


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

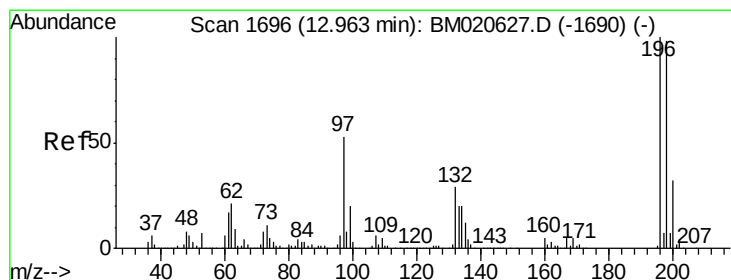
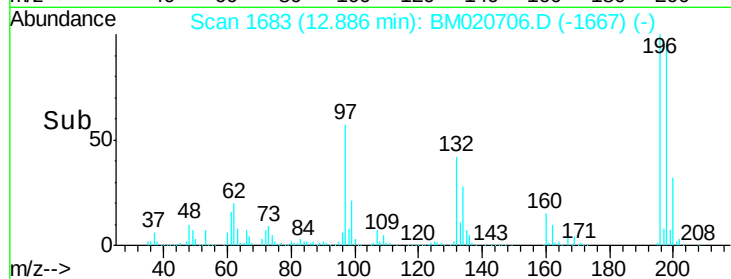
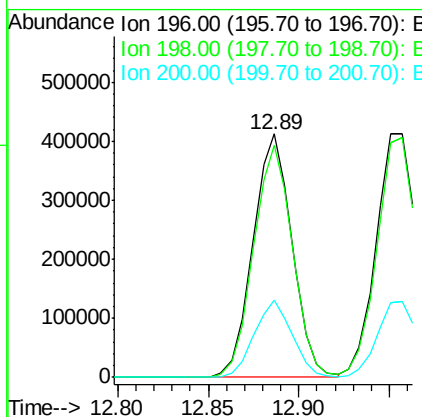
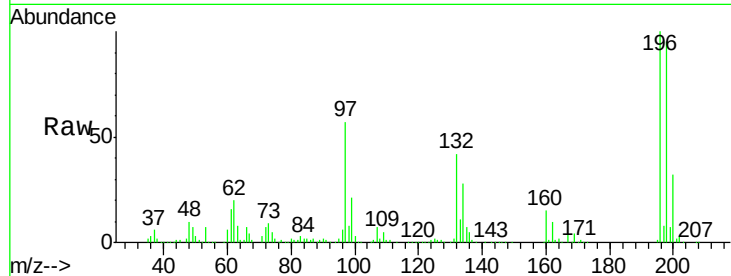




#43
 2,4,6-Trichlorophenol
 Concen: 47.851 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020706.D
 Acq: 04 Jun 2019 16:59

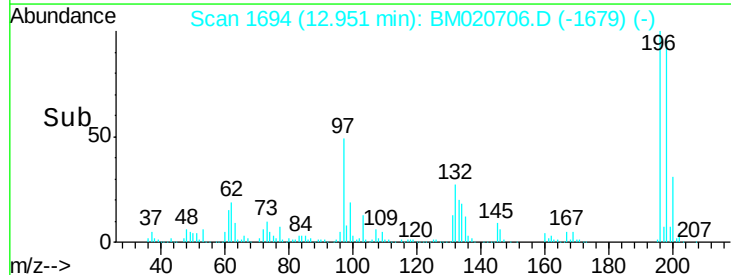
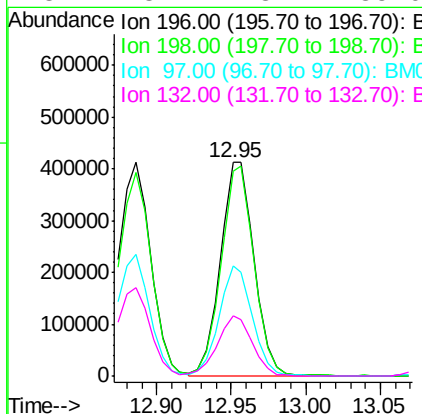
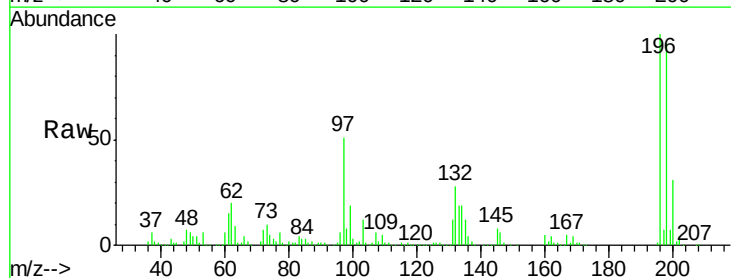
Instrument :
 BNA_M
 ClientSampled :
 PB120232BS

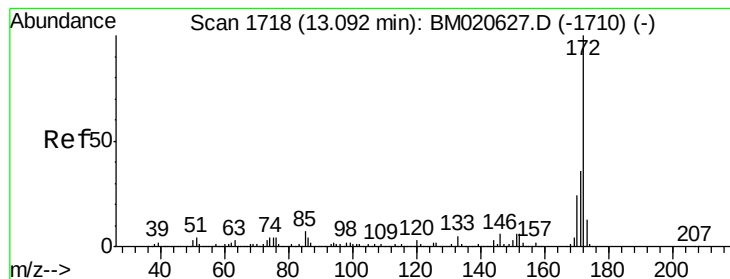
Tgt Ion:196 Resp: 615453
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 31.5 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 48.700 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM020706.D
 Acq: 04 Jun 2019 16:59

Tgt Ion:196 Resp: 646664
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.6 117.8
 97 51.4 42.7 64.1
 132 28.2 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 89.926 ng

RT: 13.08 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

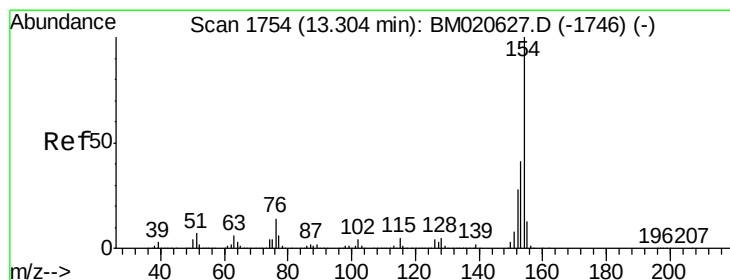
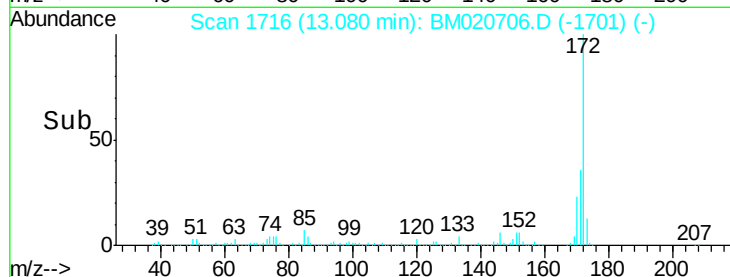
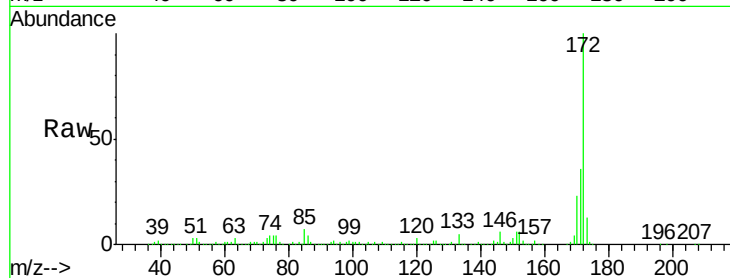
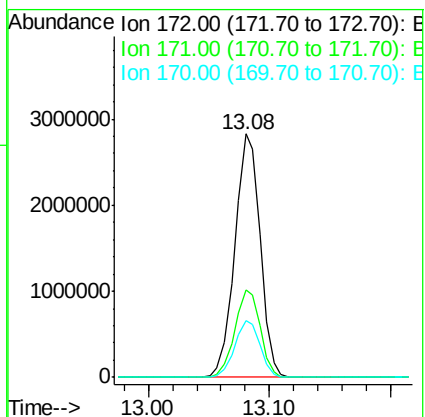
BNA_M

ClientSampleId :

PB120232BS

Tgt Ion:172 Resp: 4124379

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.4	18.9	28.3



#46

1,1'-Biphenyl

Concen: 46.318 ng

RT: 13.29 min Scan# 1752

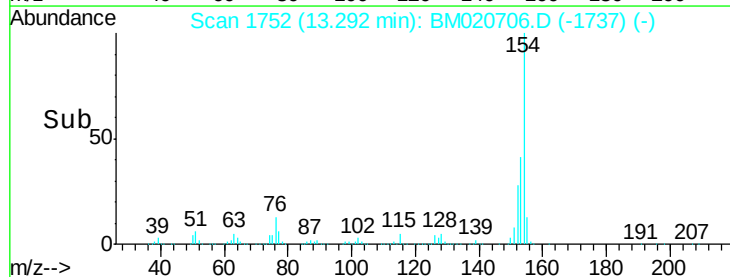
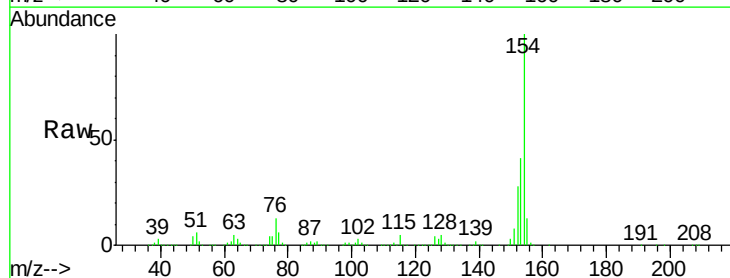
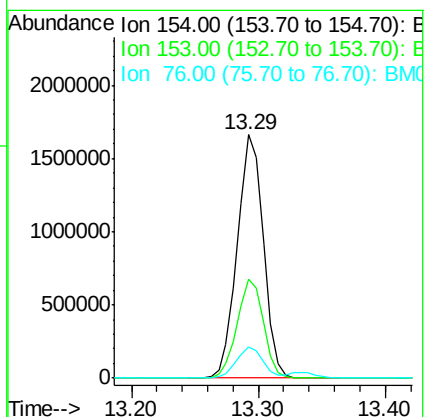
Delta R.T. -0.01 min

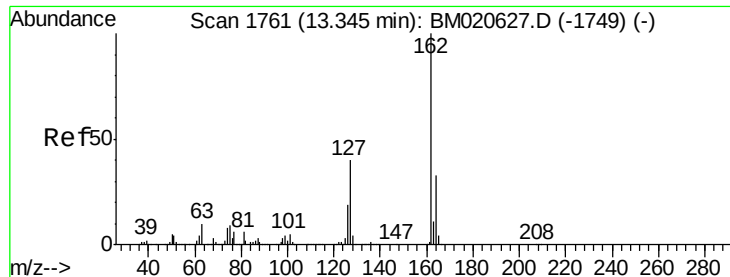
Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Tgt Ion:154 Resp: 2358699

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.7	60.7
76	12.9	0.0	34.0

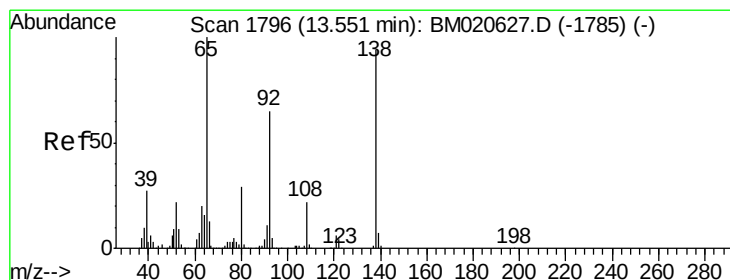
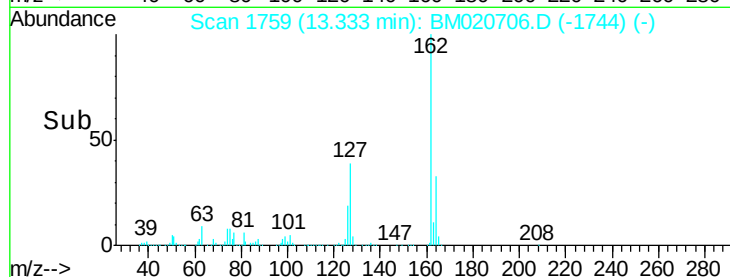
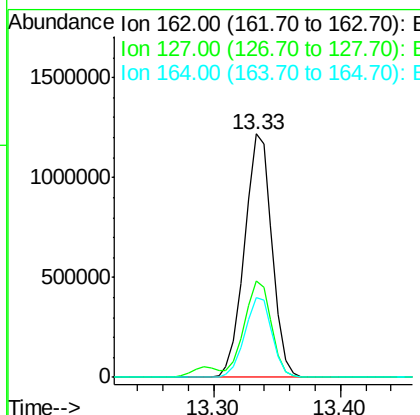
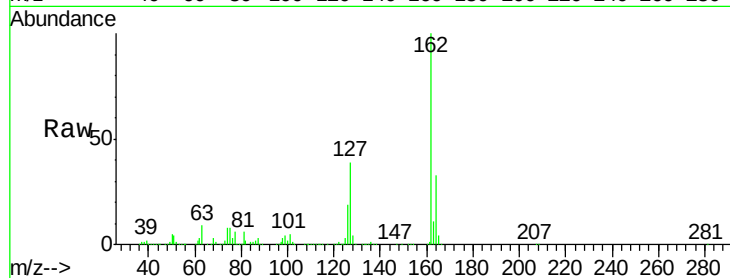




#47
 2-Chloronaphthalene
 Concen: 44.479 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BM020706.D
 Acq: 04 Jun 2019 16:59

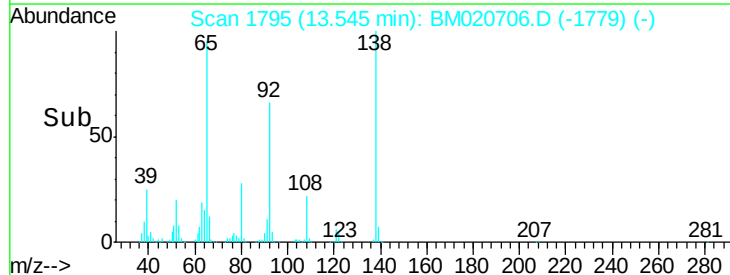
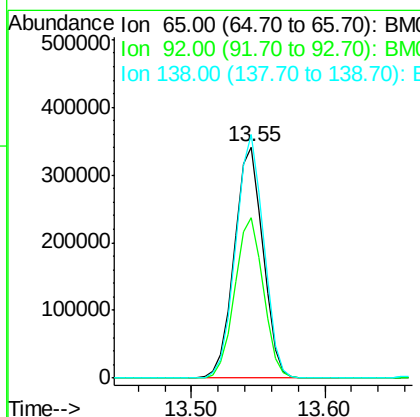
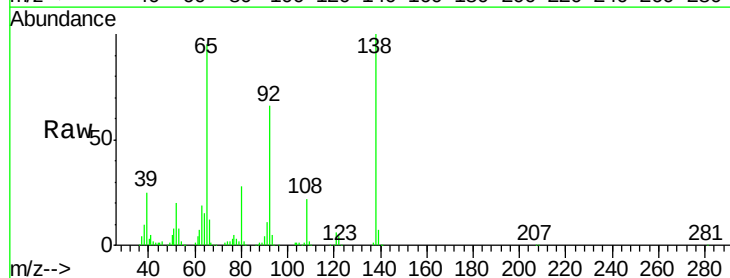
Instrument :
 BNA_M
 ClientSampleId :
 PB120232BS

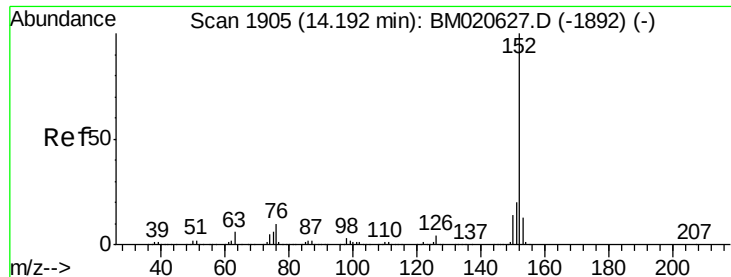
Tgt Ion: 162 Resp: 1828086
 Ion Ratio Lower Upper
 162 100
 127 39.4 32.1 48.1
 164 32.7 26.6 39.8



#48
 2-Nitroaniline
 Concen: 39.548 ng
 RT: 13.55 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BM020706.D
 Acq: 04 Jun 2019 16:59

Tgt Ion: 65 Resp: 510155
 Ion Ratio Lower Upper
 65 100
 92 69.6 52.2 78.4
 138 105.4 75.4 113.0





#49

Acenaphthylene

Concen: 44.459 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

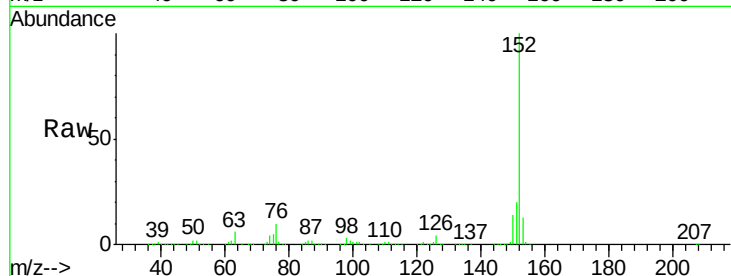
Tgt Ion:152 Resp: 2851096

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

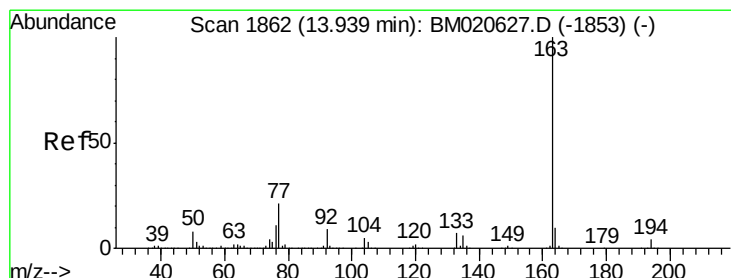
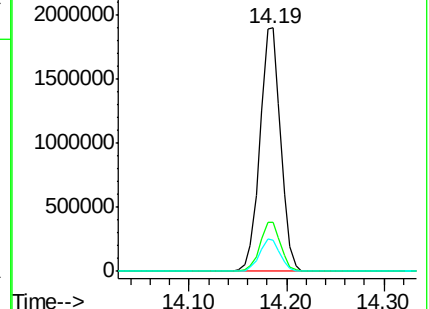
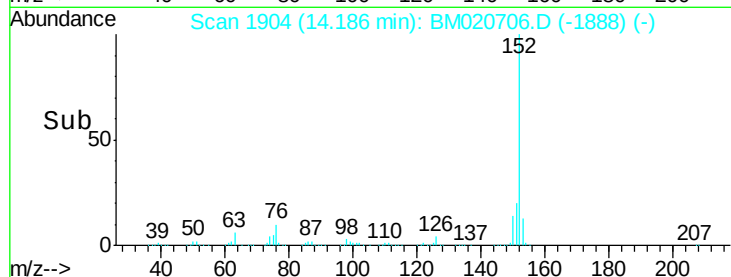
153 12.8 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.644 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

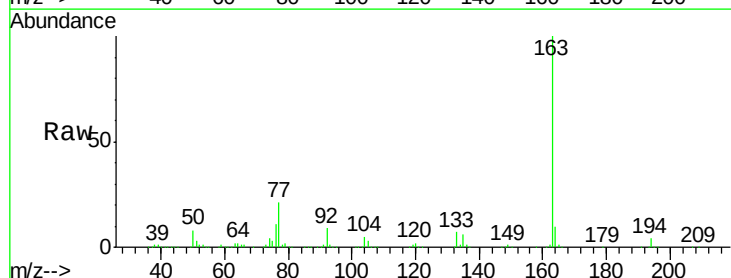
Tgt Ion:163 Resp: 2169366

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

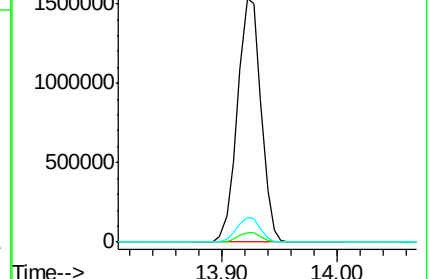
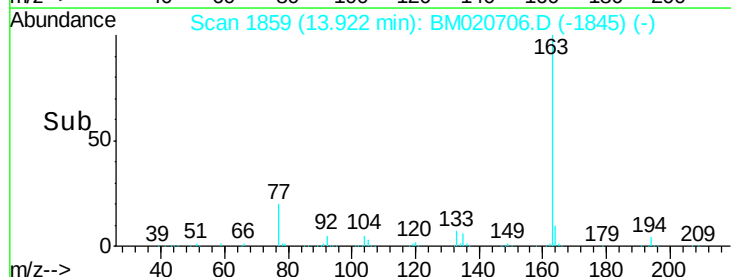
164 10.1 7.9 11.9

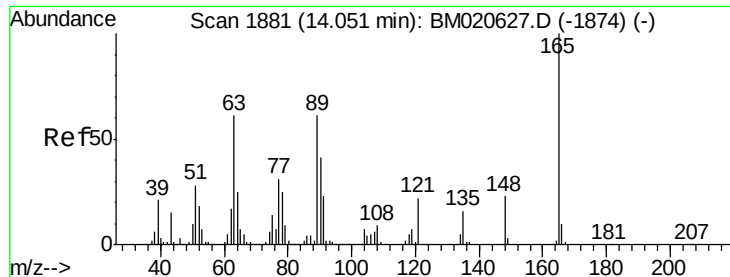


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

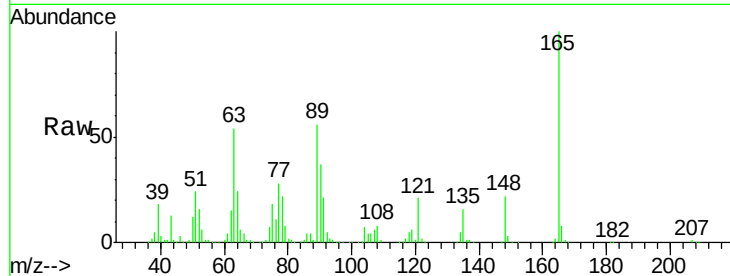




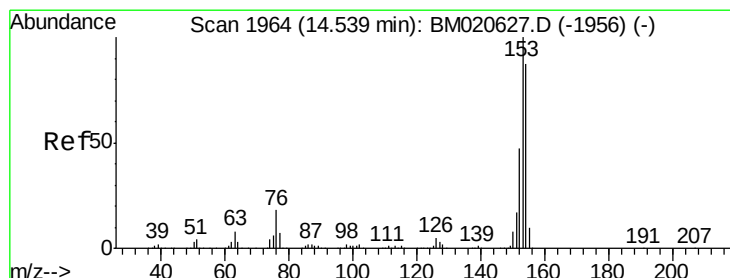
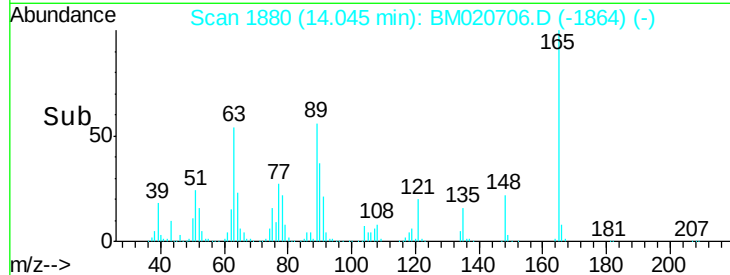
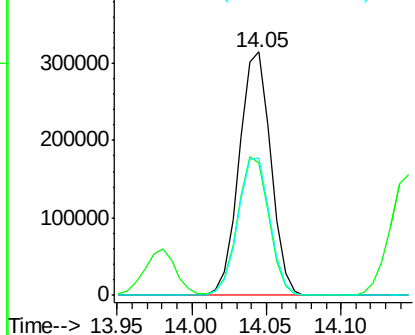
#51
 2,6-Dinitrotoluene
 Concen: 43.663 ng
 RT: 14.05 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BM020706.D
 Acq: 04 Jun 2019 16:59

Instrument :
 BNA_M
 ClientSampleId :
 PB120232BS

Tgt Ion:165 Resp: 461844
 Ion Ratio Lower Upper
 165 100
 63 54.5 50.4 75.6
 89 56.5 49.1 73.7

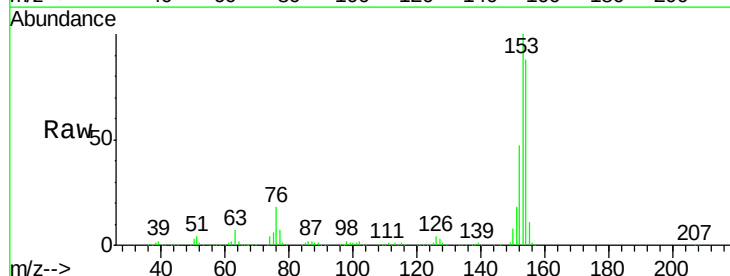


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM

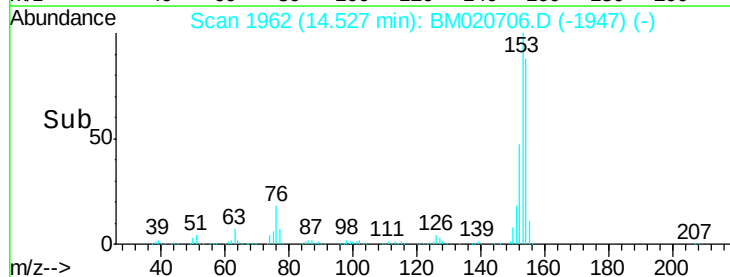
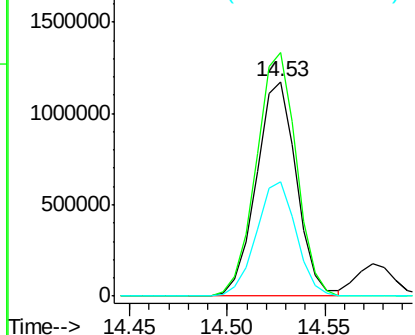


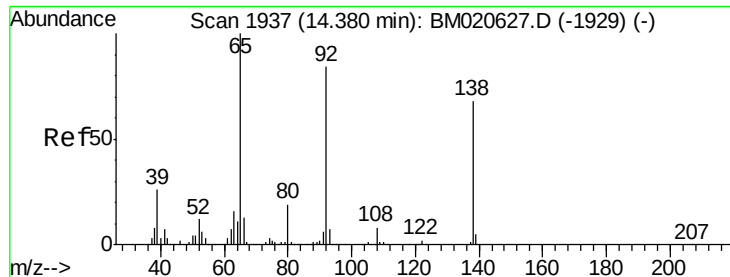
#52
 Acenaphthene
 Concen: 43.751 ng
 RT: 14.53 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BM020706.D
 Acq: 04 Jun 2019 16:59

Tgt Ion:154 Resp: 1672006
 Ion Ratio Lower Upper
 154 100
 153 113.5 92.4 138.6
 152 53.1 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

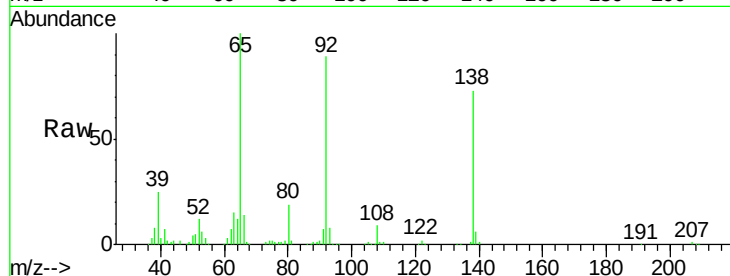




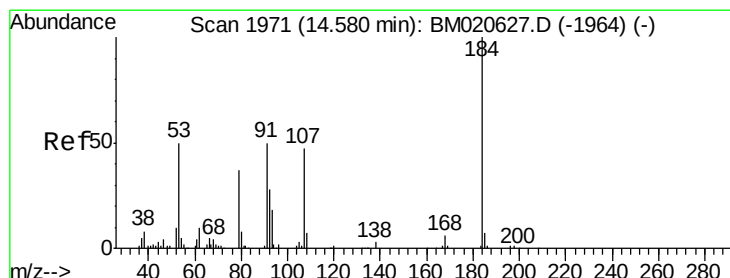
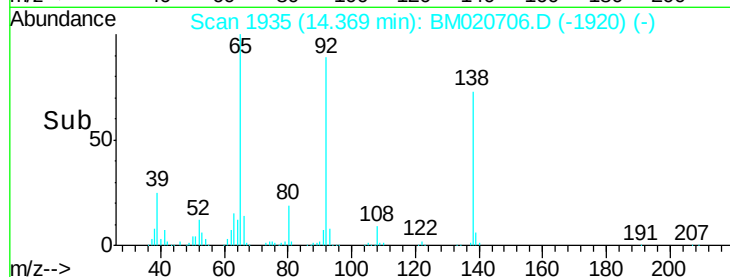
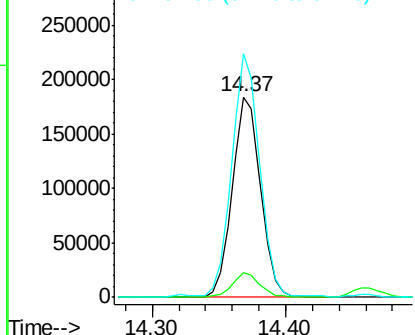
#53
3-Nitroaniline
Concen: 23.032 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Instrument :
BNA_M
ClientSampleId :
PB120232BS

Tgt Ion:138 Resp: 271924
Ion Ratio Lower Upper
138 100
108 12.1 9.5 14.3
92 121.4 99.6 149.4

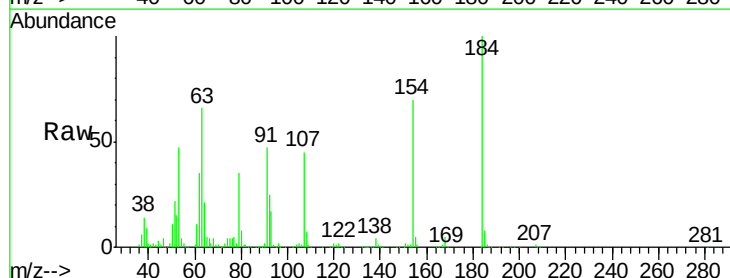


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

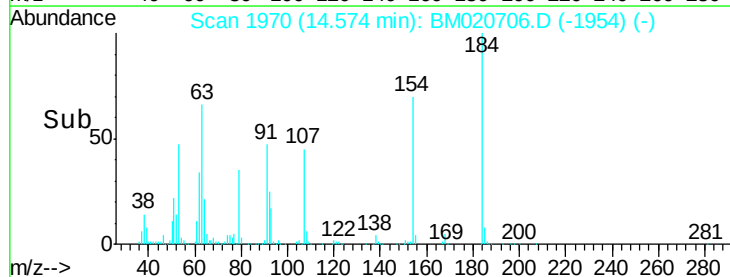
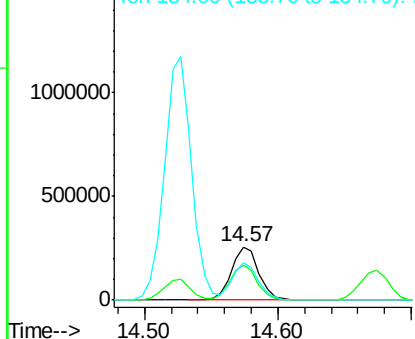


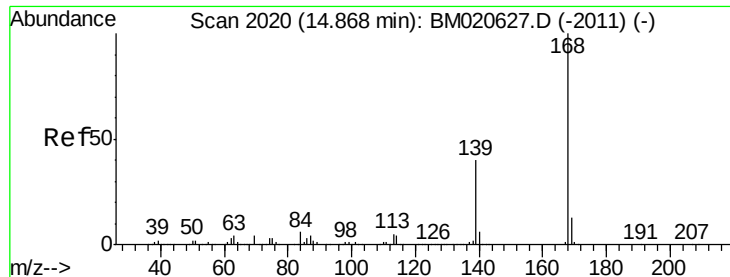
#54
2,4-Dinitrophenol
Concen: 80.120 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Tgt Ion:184 Resp: 364639
Ion Ratio Lower Upper
184 100
63 65.9 59.3 88.9
154 70.1 56.5 84.7



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





#55

Dibenzofuran

Concen: 43.304 ng

RT: 14.86 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

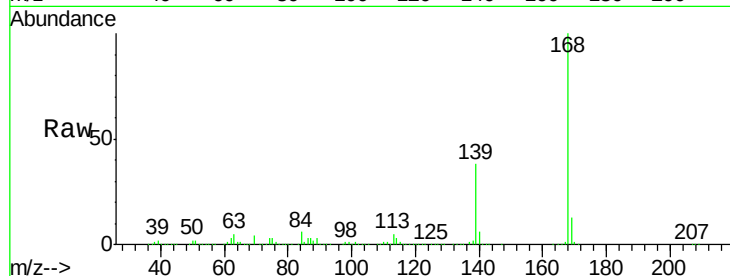
Tgt Ion:168 Resp: 2570310

Ion Ratio Lower Upper

168 100

139 38.3 31.9 47.9

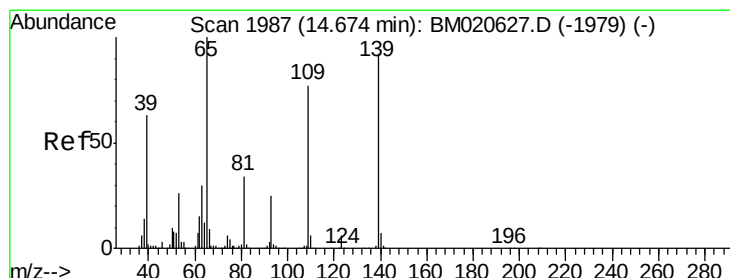
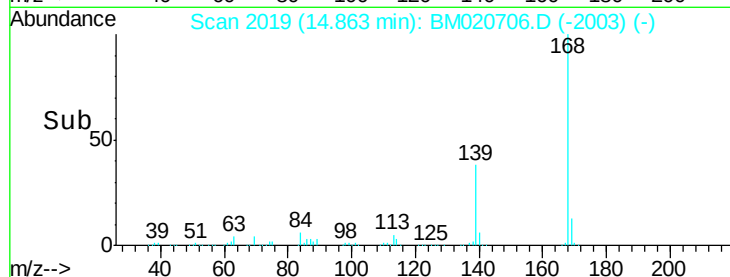
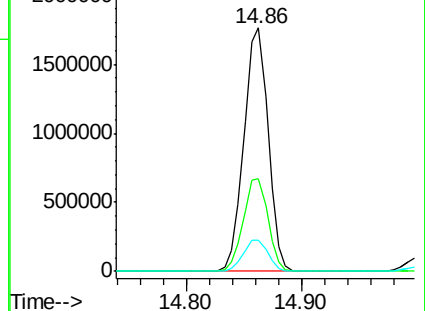
169 12.9 10.7 16.1



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: 82.751 ng

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

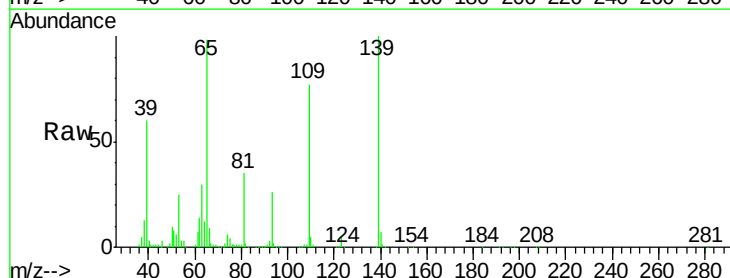
Tgt Ion:139 Resp: 719951

Ion Ratio Lower Upper

139 100

109 77.3 62.7 102.7

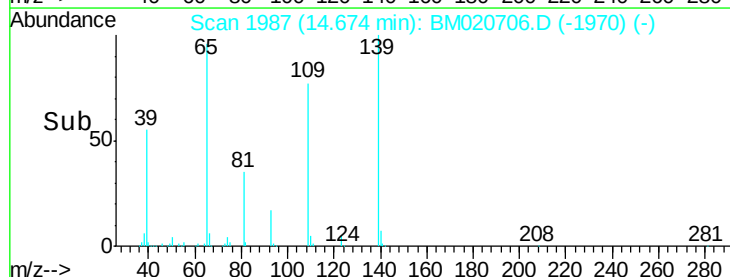
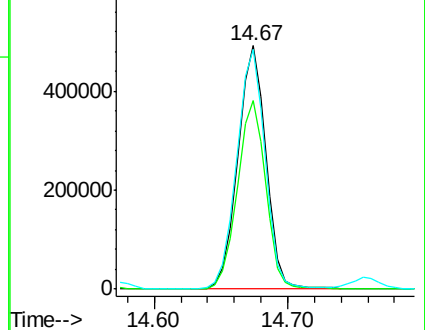
65 98.4 88.3 128.3

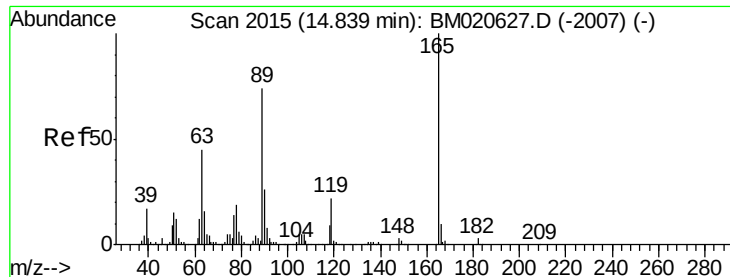


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

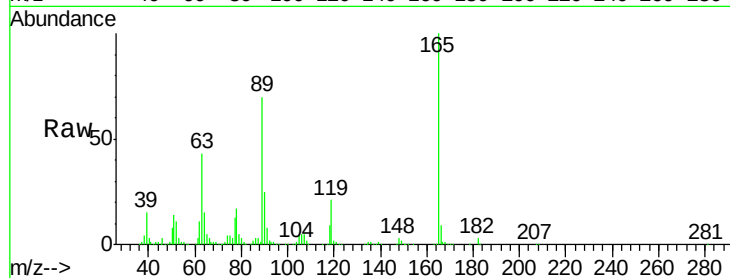




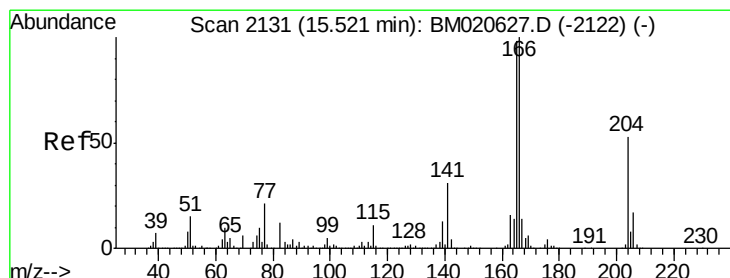
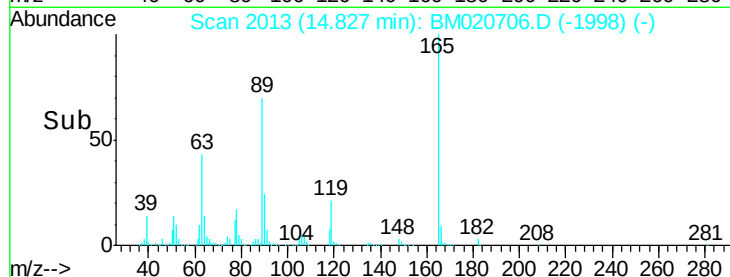
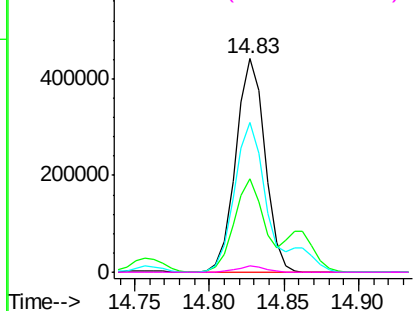
#57
2,4-Dinitrotoluene
Concen: 42.415 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Instrument :
BNA_M
ClientSampleId :
PB120232BS

Tgt Ion:165 Resp: 600713
Ion Ratio Lower Upper
165 100
63 43.5 36.3 54.5
89 70.2 59.0 88.6
182 3.0 2.2 3.4

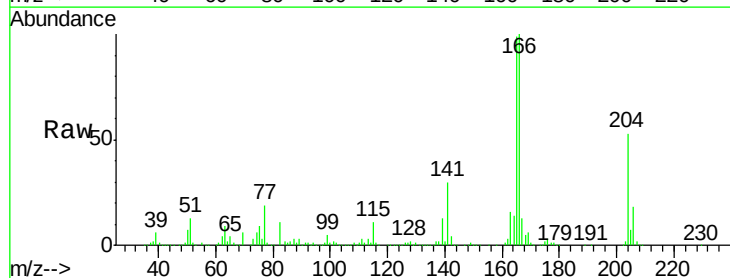


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

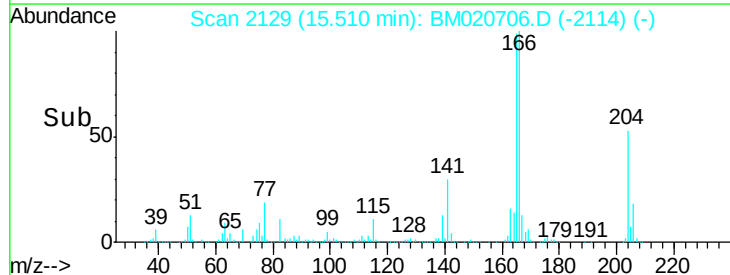
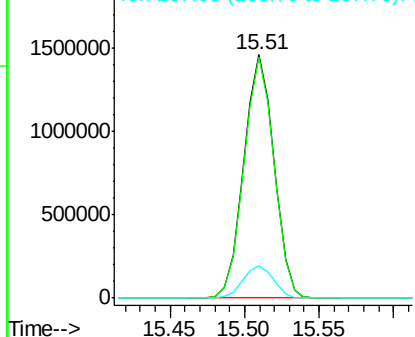


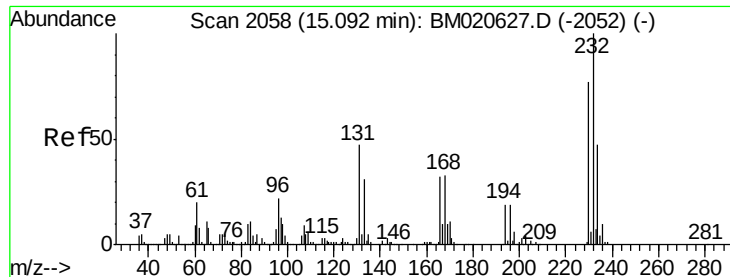
#58
Fluorene
Concen: 41.754 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Tgt Ion:166 Resp: 2038058
Ion Ratio Lower Upper
166 100
165 99.0 78.6 117.8
167 13.4 11.0 16.4



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

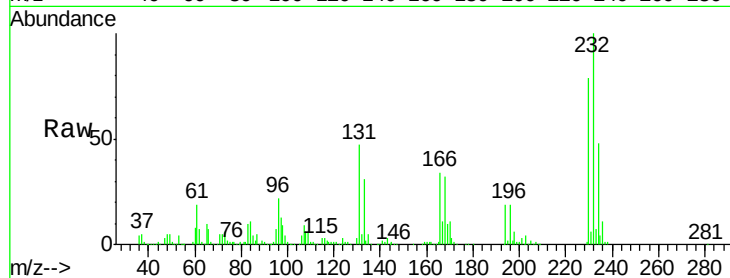




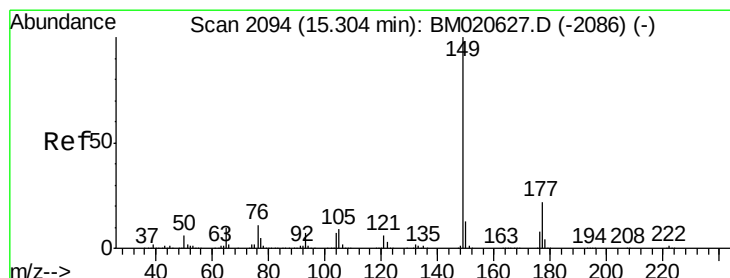
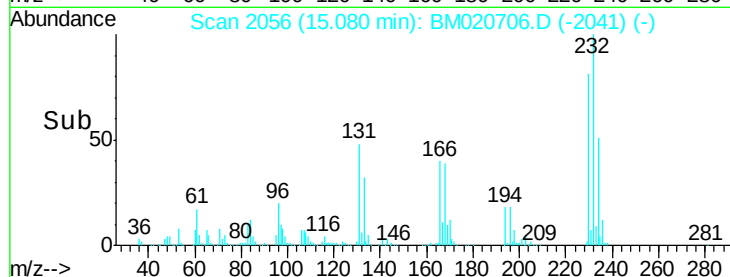
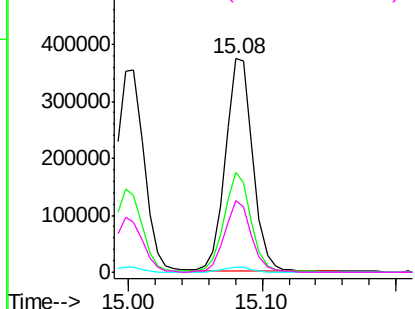
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.191 ng
RT: 15.08 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Instrument :
BNA_M
ClientSampleId :
PB120232BS

Tgt Ion:	232	Resp:	534456
Ion	Ratio	Lower	Upper
232	100		
131	45.9	38.6	57.8
130	2.6	2.2	3.2
166	32.6	26.6	39.8

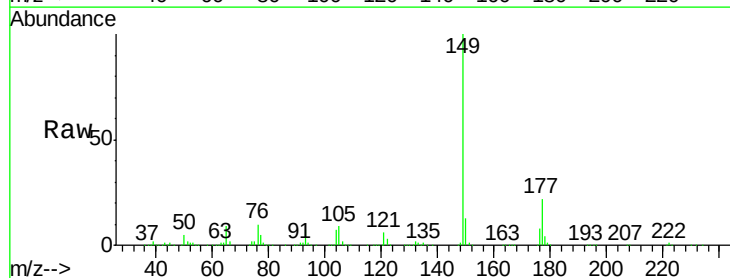


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

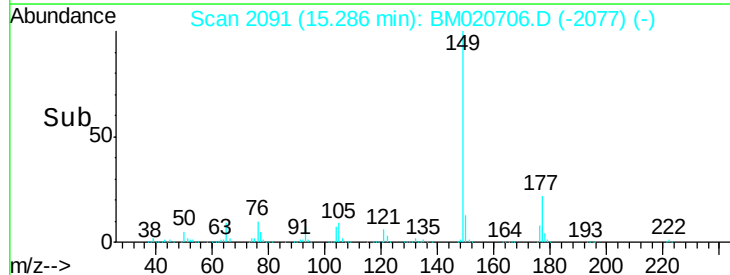
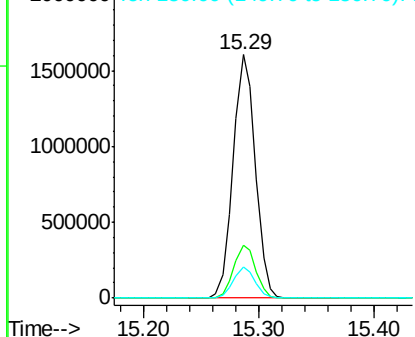


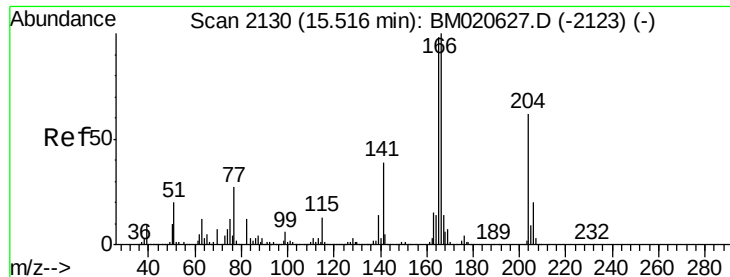
#60
Diethylphthalate
Concen: 39.726 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Tgt Ion:	149	Resp:	2134312
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.2	25.8
150	12.6	10.1	15.1



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

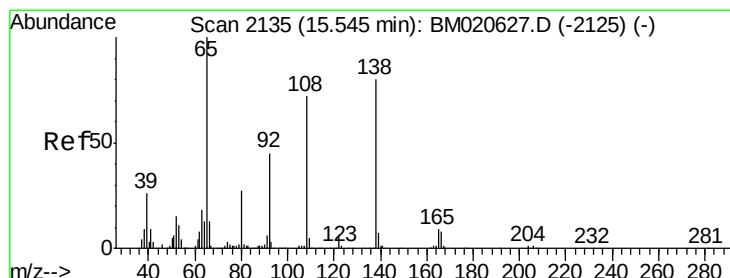
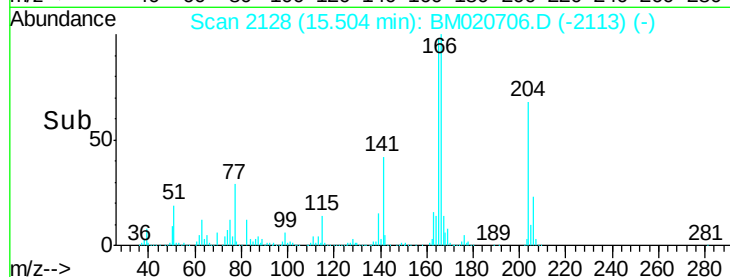
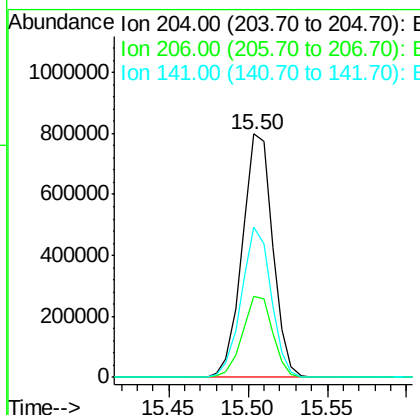
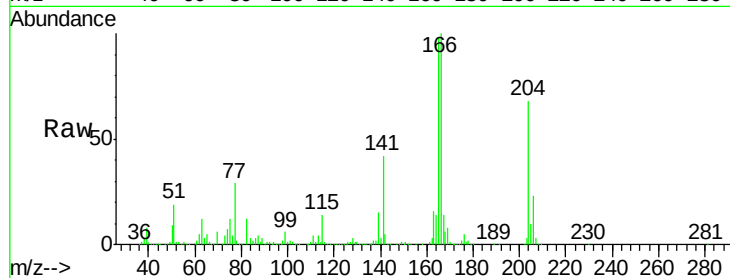




#61
4-Chlorophenyl-phenylether
Concen: 41.173 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

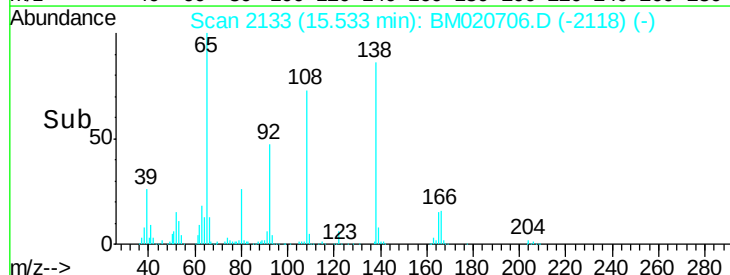
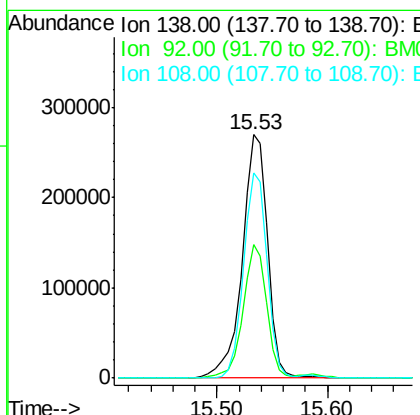
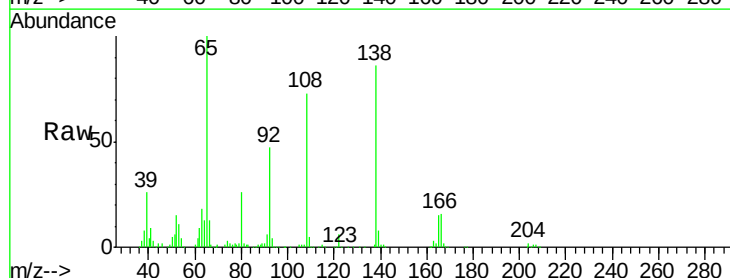
Instrument :
BNA_M
ClientSampleId :
PB120232BS

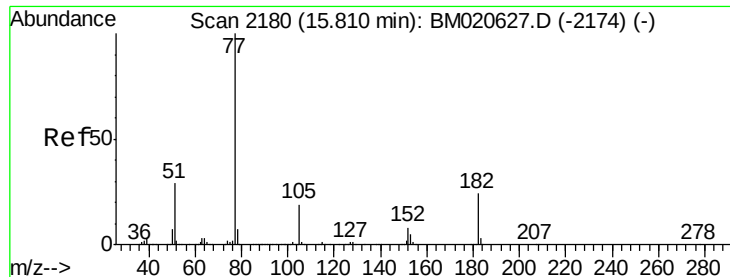
Tgt Ion:204 Resp: 1064082
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.8
141 61.8 50.2 75.4



#62
4-Nitroaniline
Concen: 34.831 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Tgt Ion:138 Resp: 436127
Ion Ratio Lower Upper
138 100
92 54.6 36.7 76.7
108 84.3 70.3 110.3





#63

Azobenzene

Concen: 38.958 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

Tgt Ion: 77 Resp: 2006660

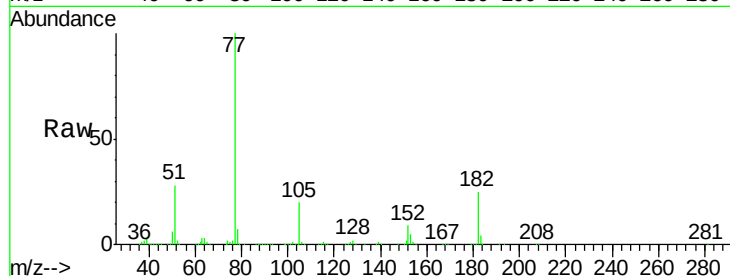
Ion Ratio Lower Upper

77 100

182 25.0 3.6 43.6

105 19.7 0.0 39.4

51 28.1 9.5 49.5

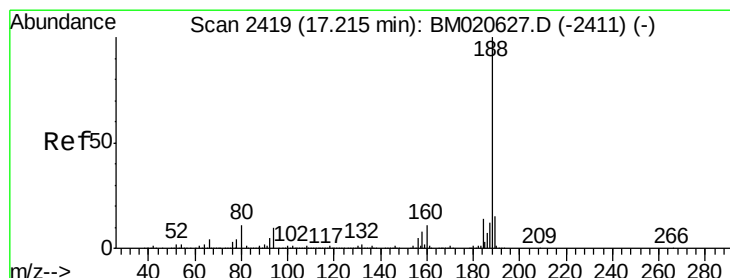
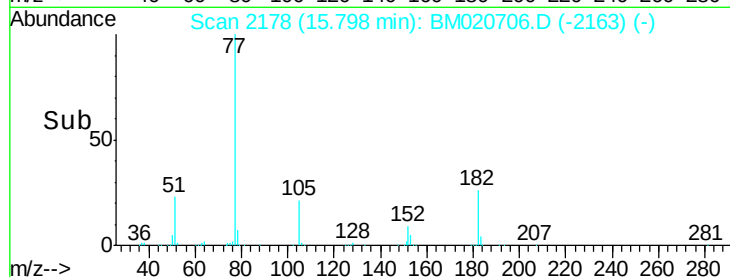
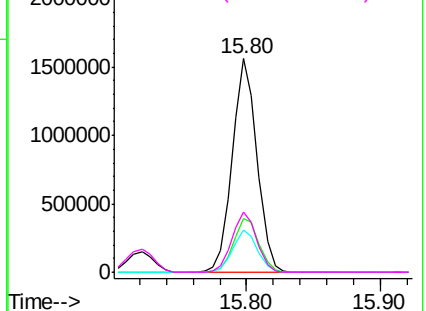


Abundance Ion 77.00 (76.70 to 77.70): BM0

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# 2417

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

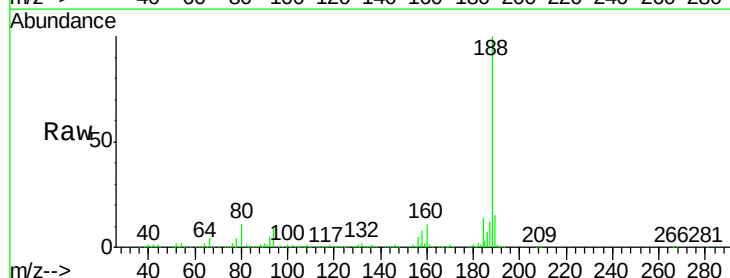
Tgt Ion: 188 Resp: 1178436

Ion Ratio Lower Upper

188 100

94 9.1 7.8 11.8

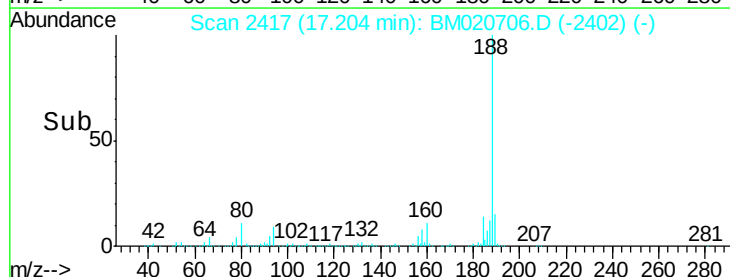
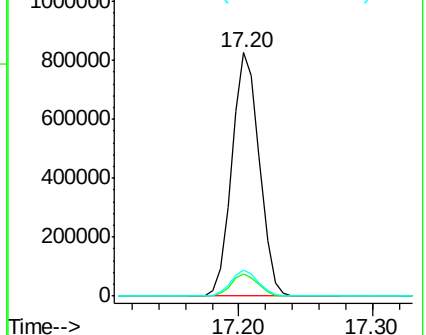
80 10.8 9.0 13.6

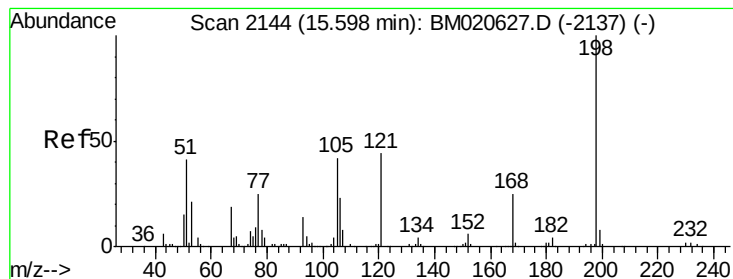


Abundance Ion 188.00 (187.70 to 188.70): E

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: 42.906 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

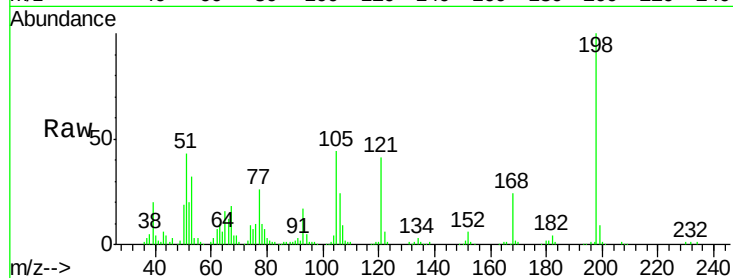
Tgt Ion:198 Resp: 223925

Ion Ratio Lower Upper

198 100

51 43.3 27.7 67.7

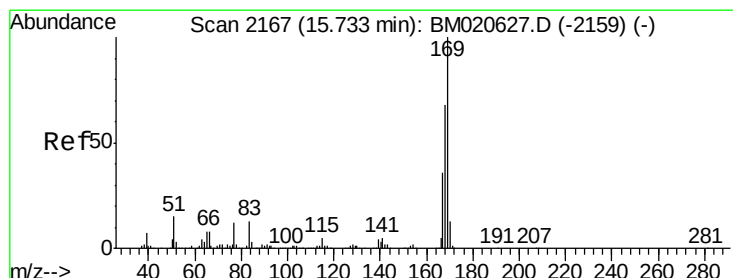
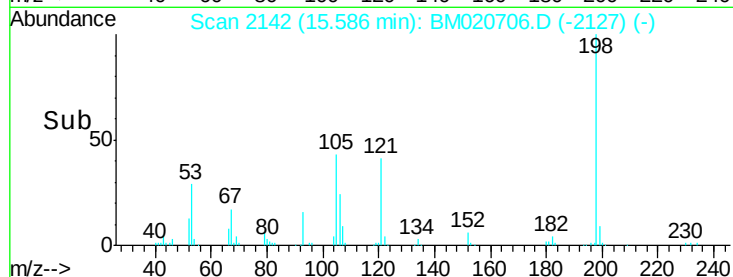
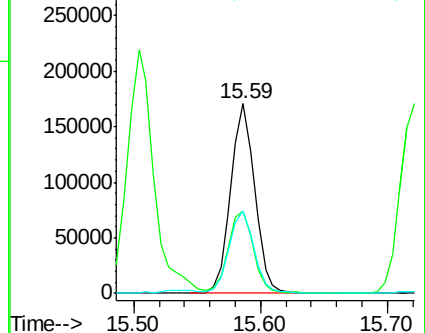
105 43.7 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.310 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

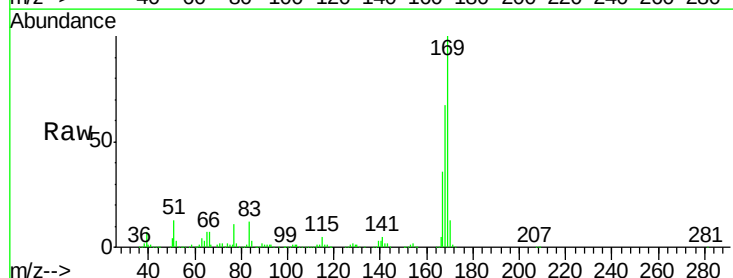
Tgt Ion:169 Resp: 1747002

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.4

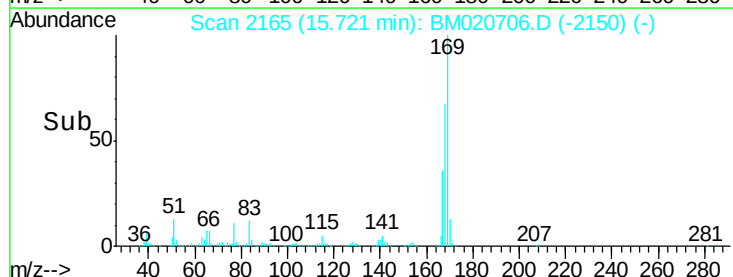
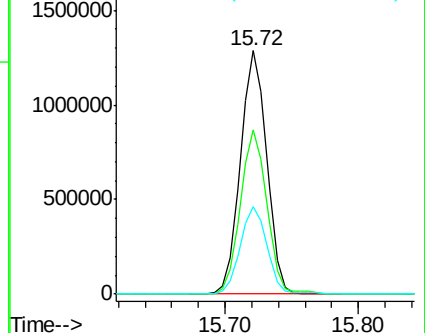
167 36.1 29.1 43.7

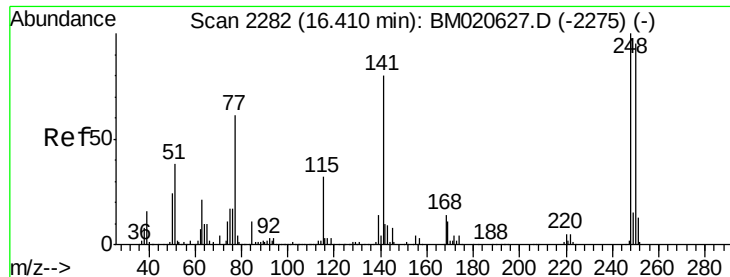


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

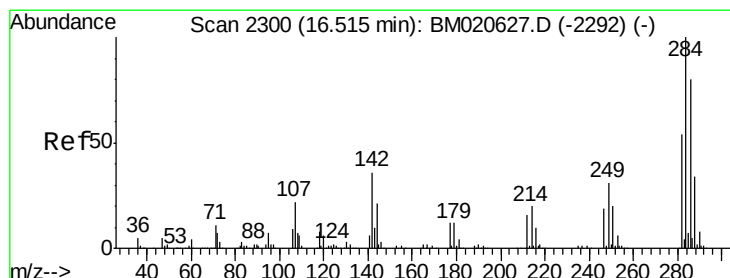
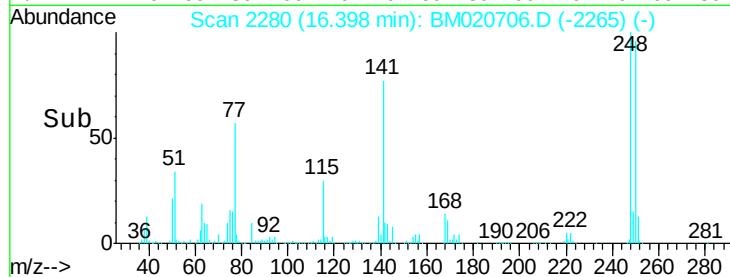
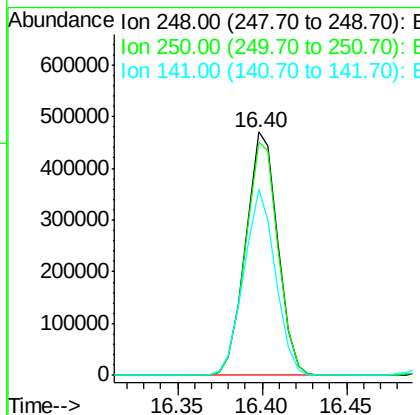
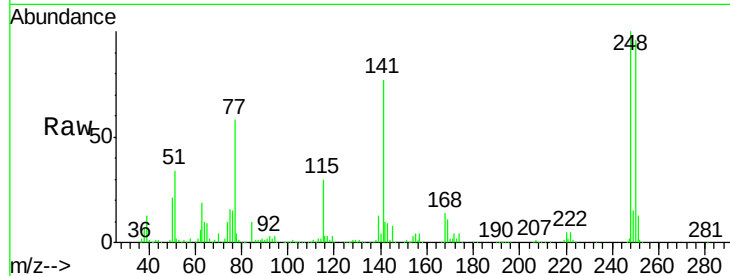




#67
 4-Bromophenyl-phenylether
 Concen: 44.801 ng
 RT: 16.40 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BM020706.D
 Acq: 04 Jun 2019 16:59

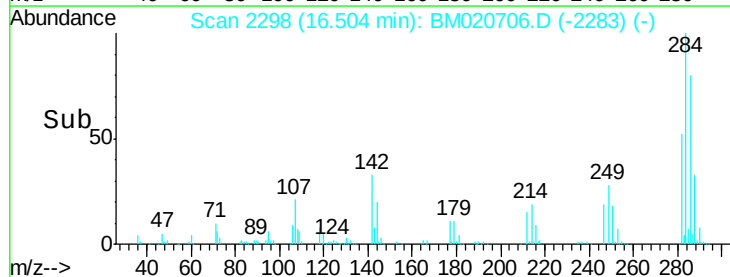
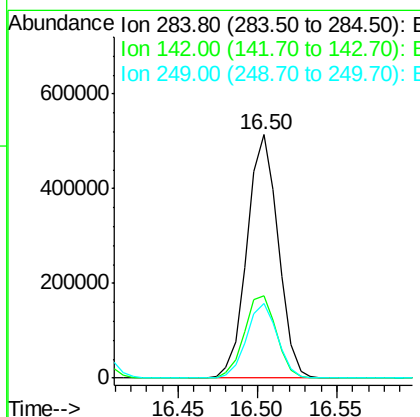
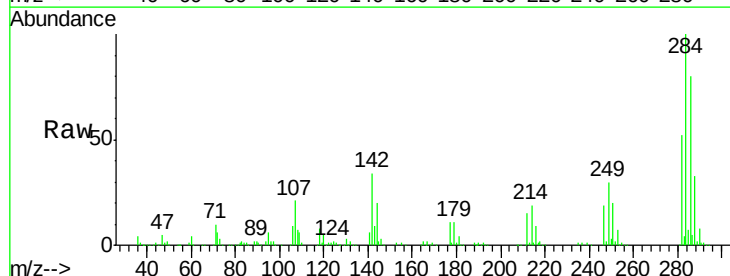
Instrument :
 BNA_M
 ClientSampleId :
 PB120232BS

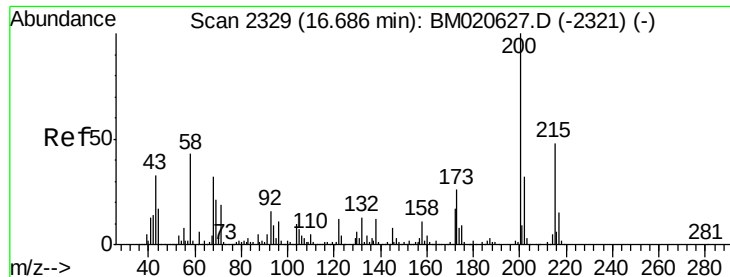
Tgt Ion:248 Resp: 621607
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.3 114.5
 141 76.6 64.2 96.2



#68
 Hexachlorobenzene
 Concen: 43.261 ng
 RT: 16.50 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BM020706.D
 Acq: 04 Jun 2019 16:59

Tgt Ion:284 Resp: 700903
 Ion Ratio Lower Upper
 284 100
 142 33.7 28.6 42.8
 249 30.5 25.0 37.4





#69

Atrazine

Concen: 49.229 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

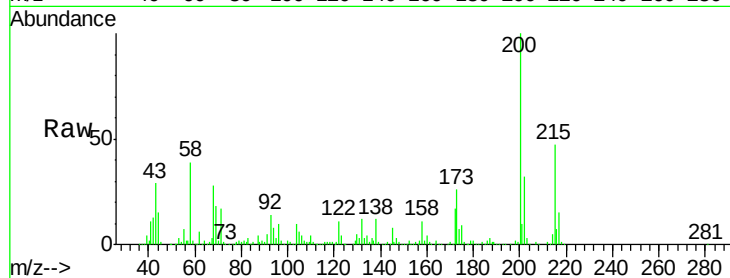
Tgt Ion:200 Resp: 554268

Ion Ratio Lower Upper

200 100

173 25.8 6.2 46.2

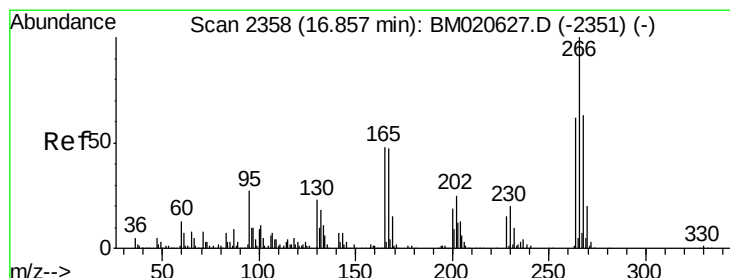
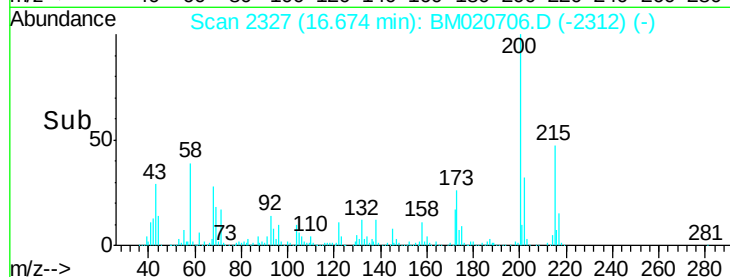
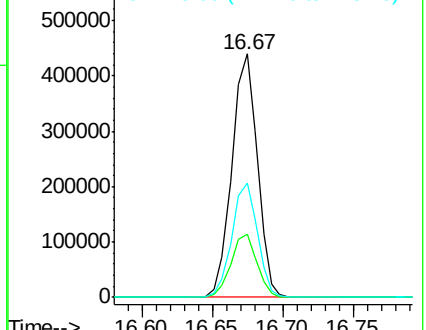
215 46.9 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 102.389 ng

RT: 16.85 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

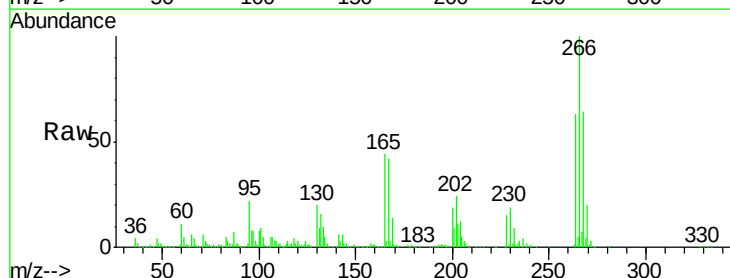
Tgt Ion:266 Resp: 791398

Ion Ratio Lower Upper

266 100

268 64.0 50.6 75.8

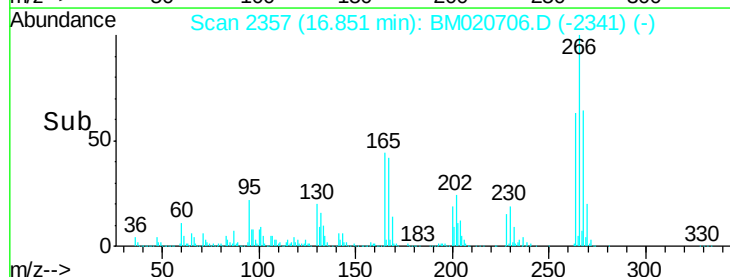
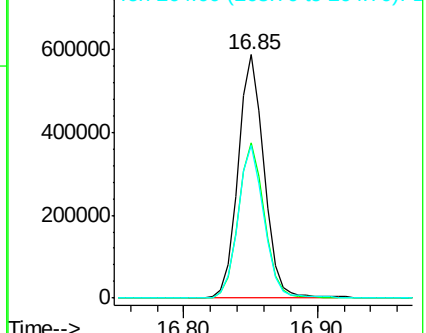
264 62.7 49.6 74.4

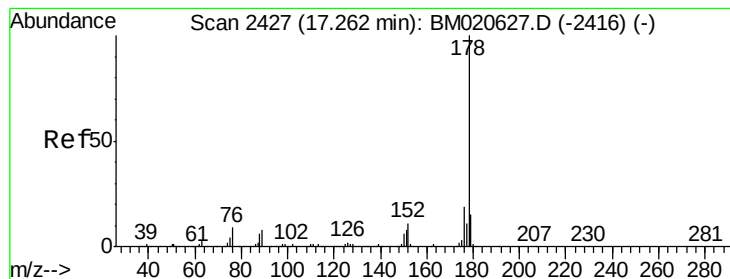


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.094 ng

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

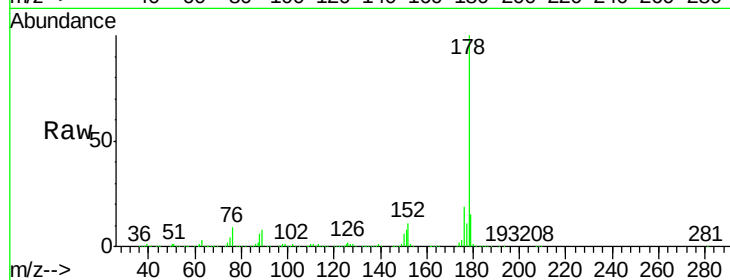
Tgt Ion:178 Resp: 2878606

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

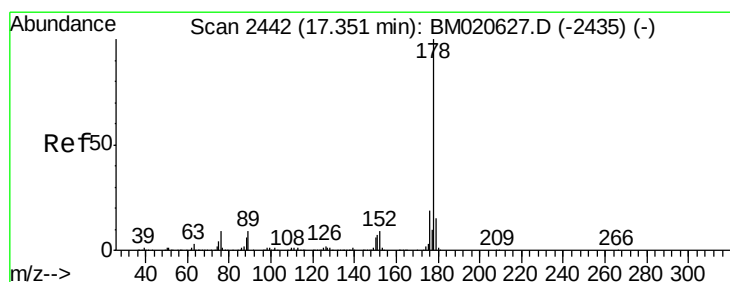
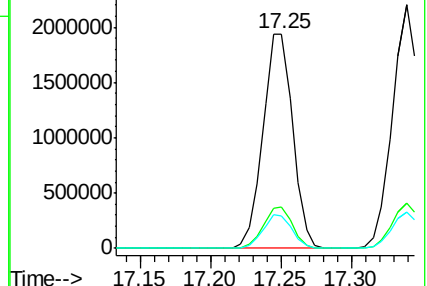
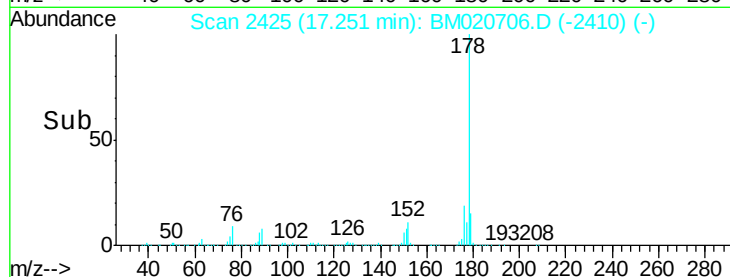
179 15.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.132 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

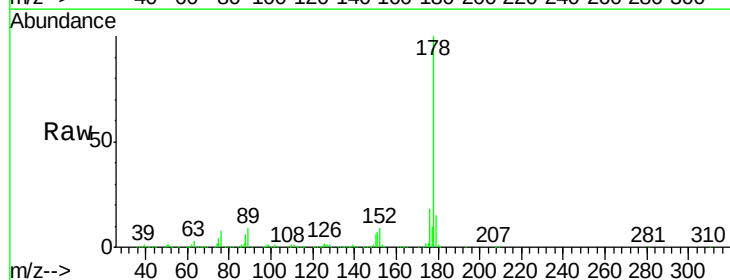
Tgt Ion:178 Resp: 2950487

Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

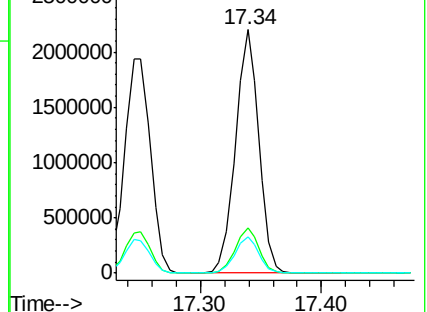
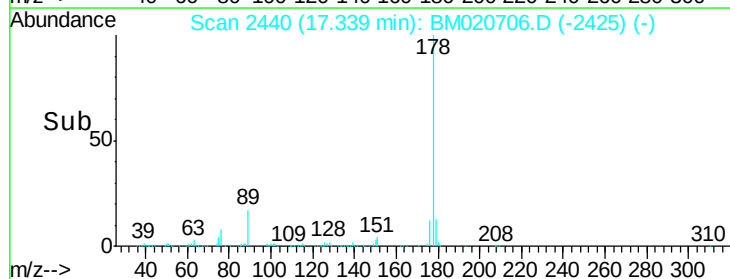
179 15.1 12.3 18.5

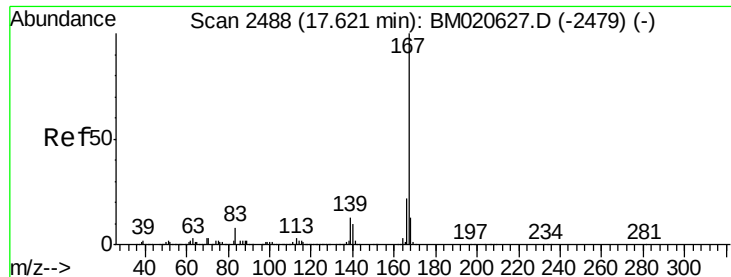


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.532 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

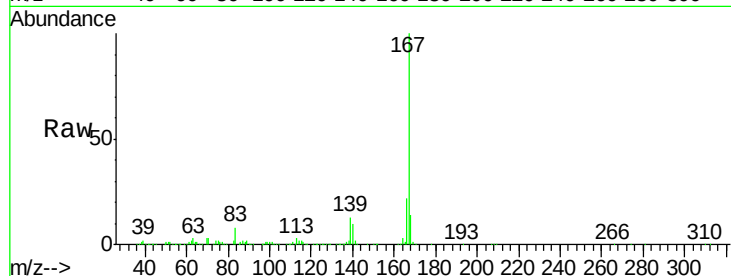
Tgt Ion:167 Resp: 2519740

Ion Ratio Lower Upper

167 100

166 21.7 17.5 26.3

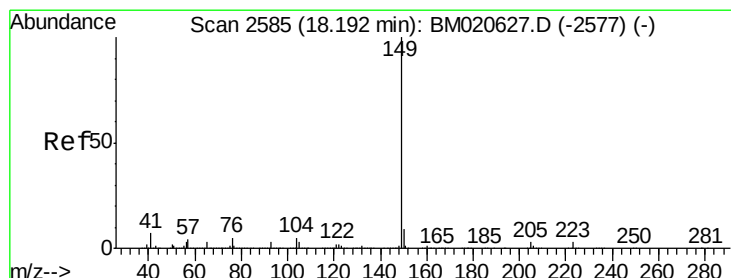
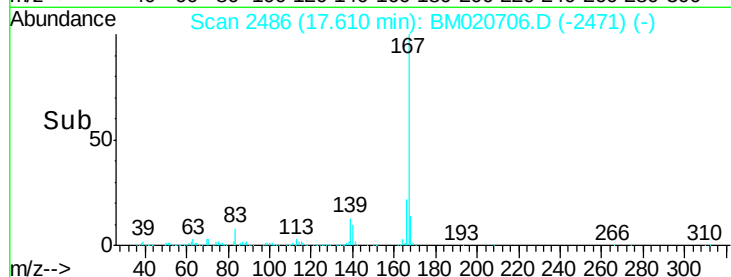
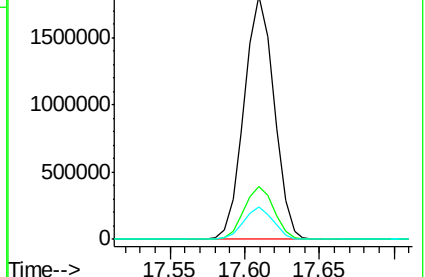
139 13.1 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.543 ng

RT: 18.17 min Scan# 2582

Delta R.T. -0.02 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

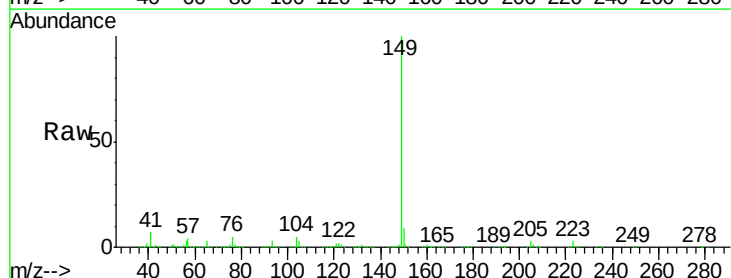
Tgt Ion:149 Resp: 3193030

Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

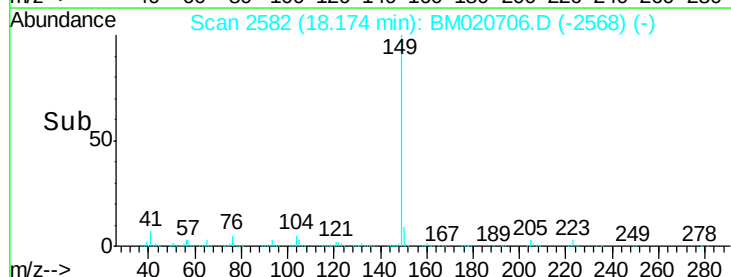
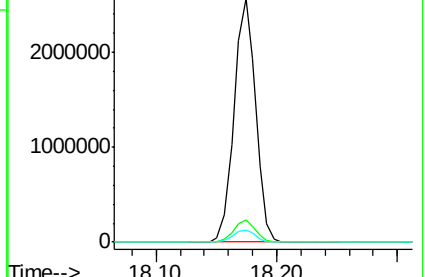
104 5.1 4.2 6.2

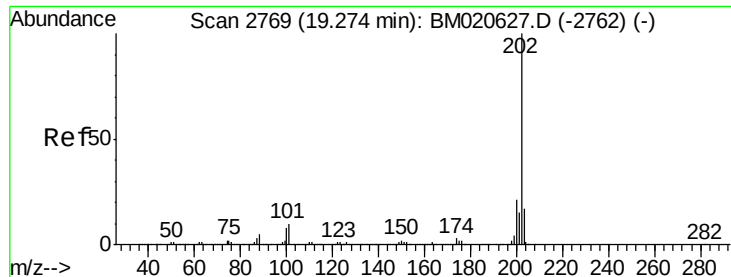


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.553 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

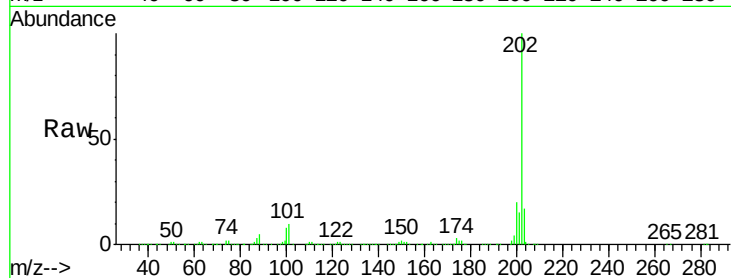
Tgt Ion:202 Resp: 3012456

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.4

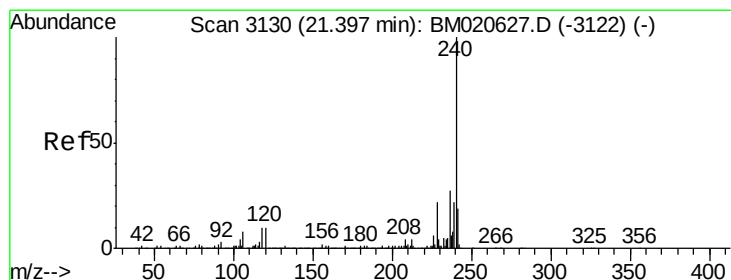
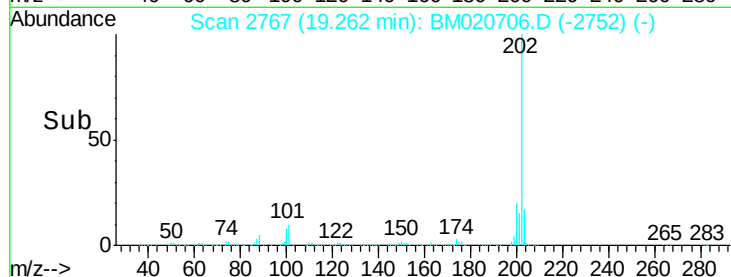
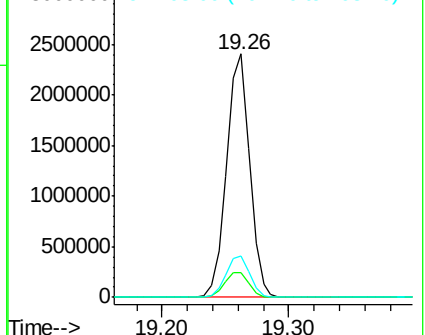
203 17.1 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.38 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

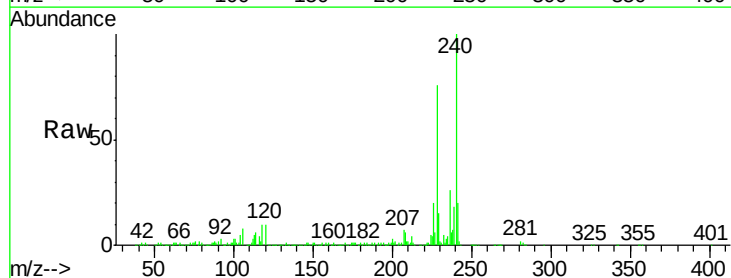
Tgt Ion:240 Resp: 957251

Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

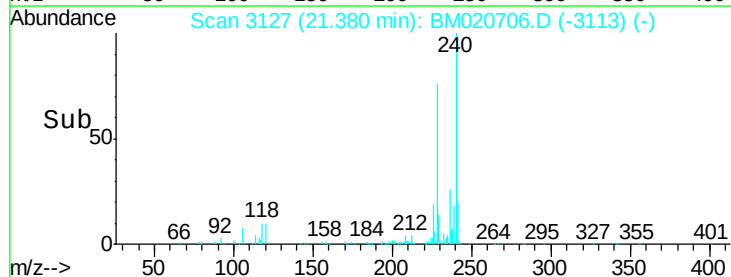
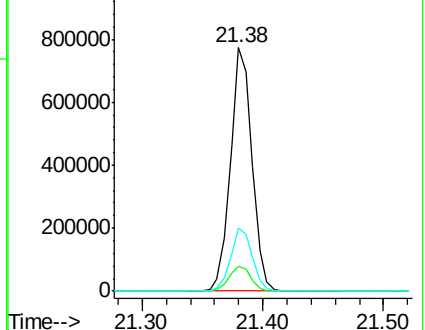
236 25.8 21.2 31.8

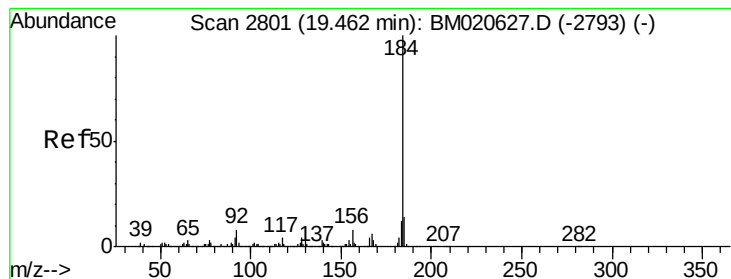


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.361 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

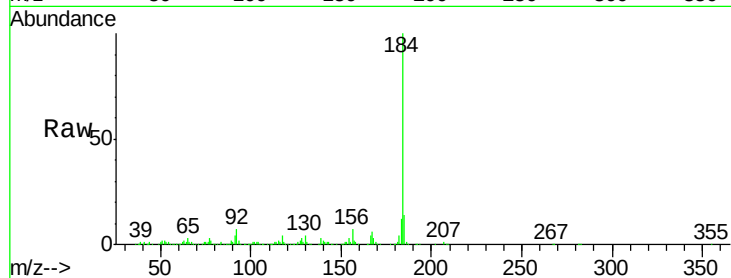
Tgt Ion:184 Resp: 1373732

Ion Ratio Lower Upper

184 100

185 13.9 11.3 16.9

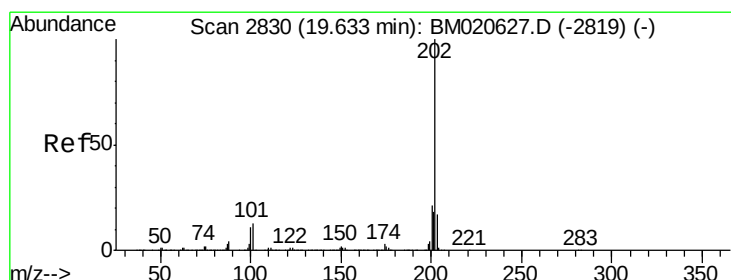
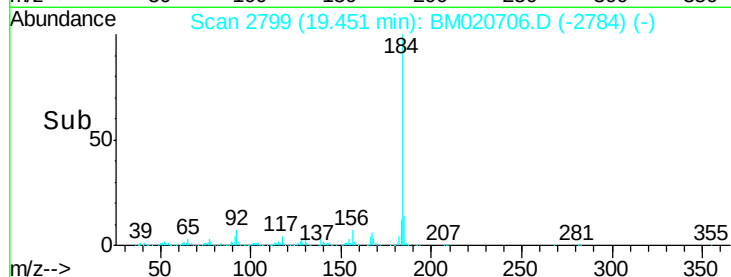
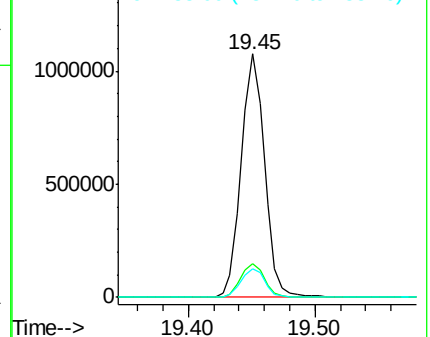
183 11.6 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.456 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

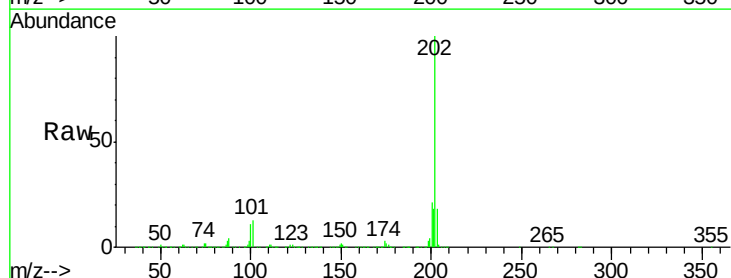
Tgt Ion:202 Resp: 3045303

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

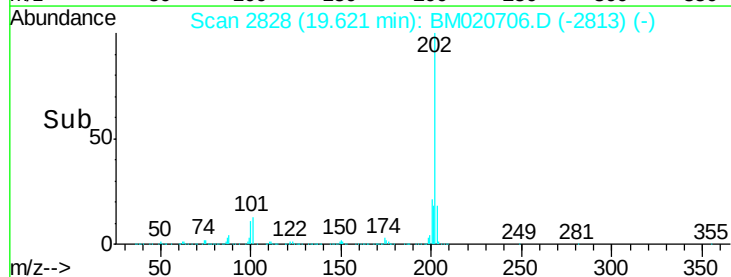
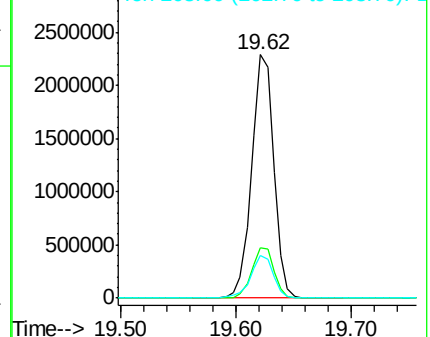
203 17.6 13.9 20.9

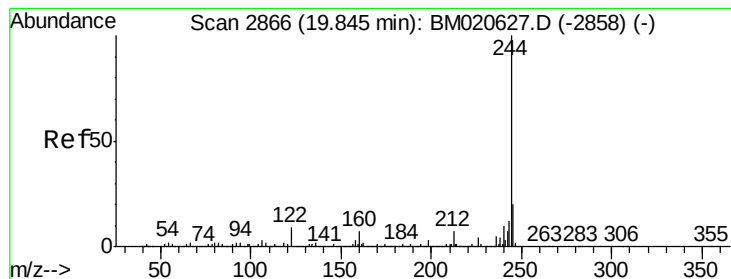


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.030 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

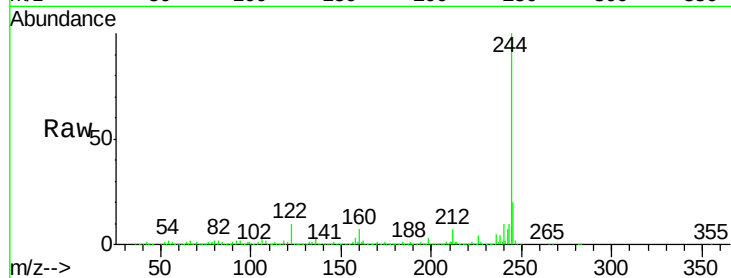
Tgt Ion:244 Resp: 4637306

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

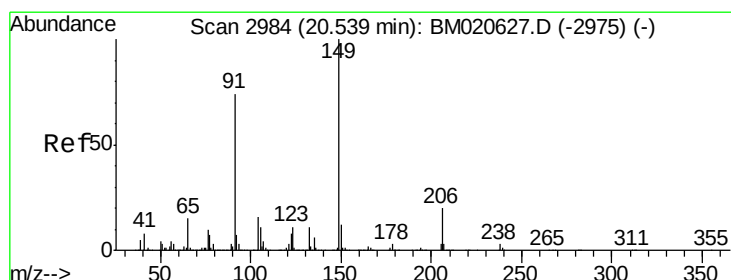
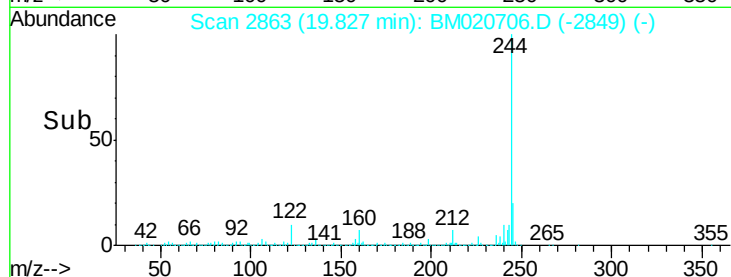
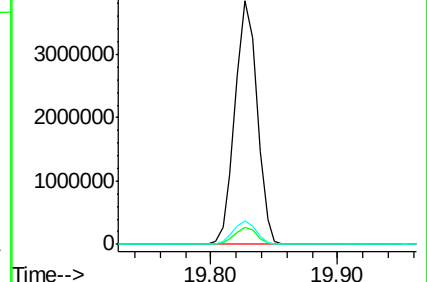
122 9.7 7.2 10.8



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: 39.932 ng

RT: 20.53 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

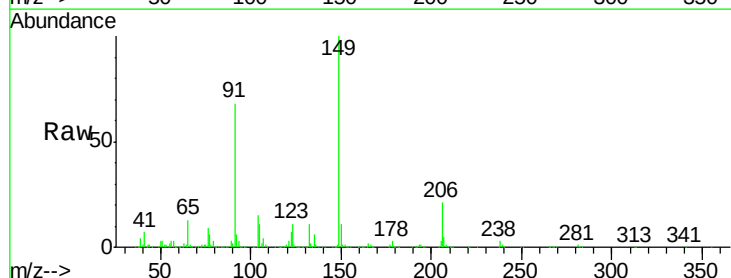
Tgt Ion:149 Resp: 1239620

Ion Ratio Lower Upper

149 100

91 68.3 59.6 89.4

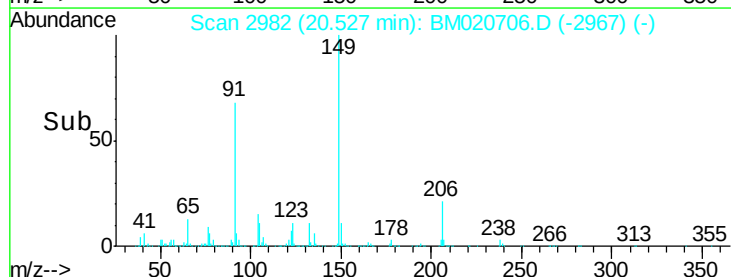
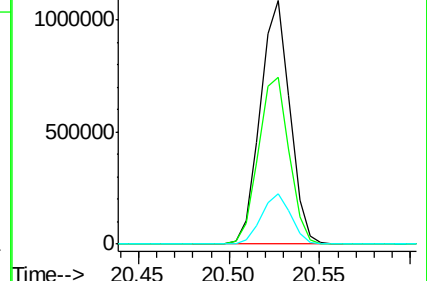
206 20.7 15.7 23.5

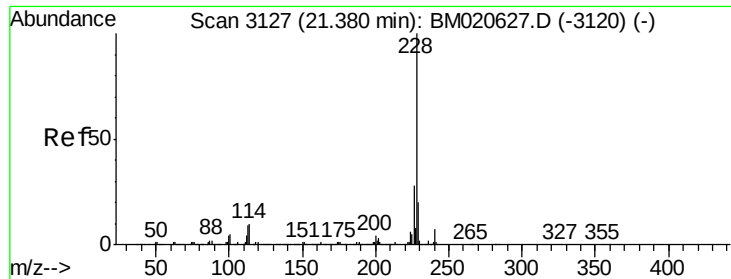


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.830 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

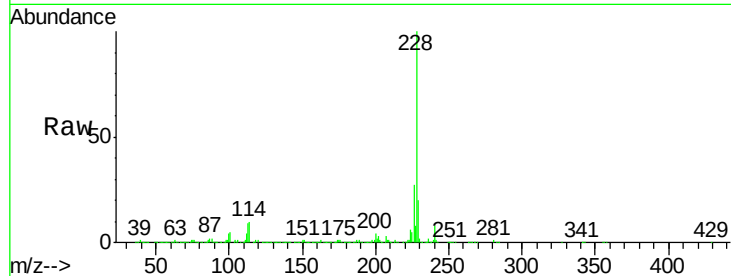
Tgt Ion:228 Resp: 2788434

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

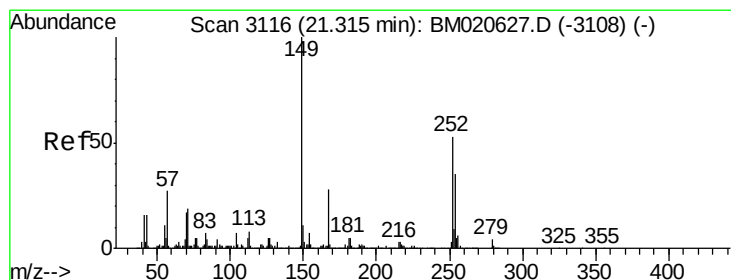
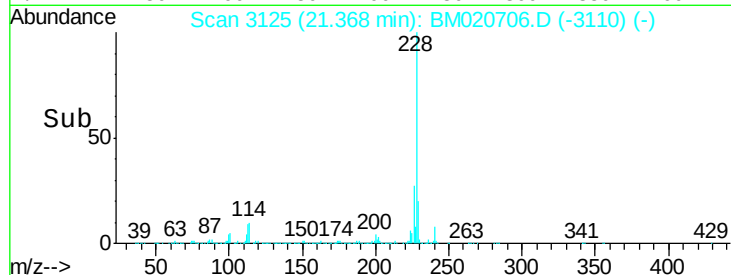
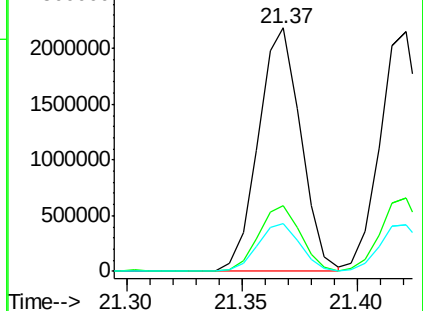
229 19.8 15.9 23.9



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: 33.813 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

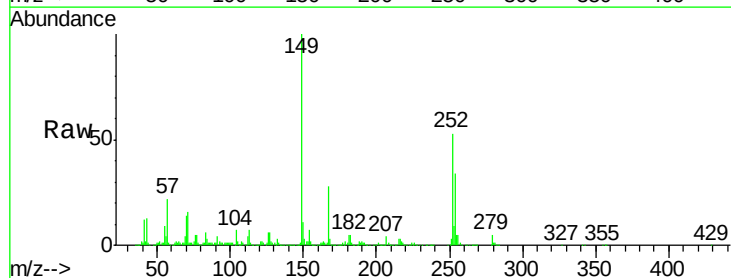
Tgt Ion:252 Resp: 825405

Ion Ratio Lower Upper

252 100

254 64.8 52.6 78.8

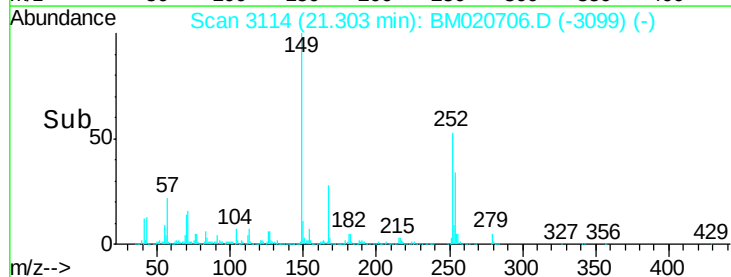
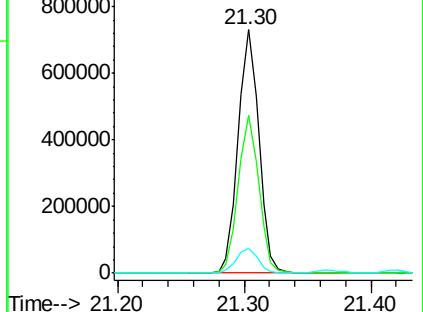
126 10.4 8.0 12.0

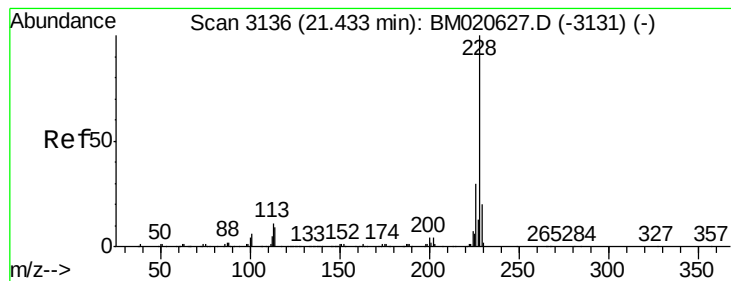


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.282 ng

RT: 21.42 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

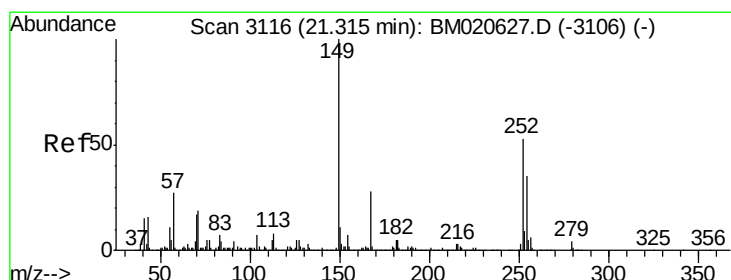
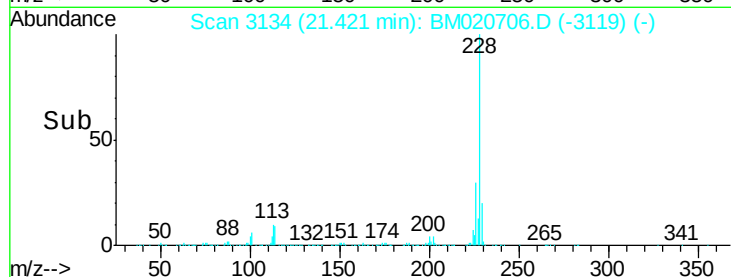
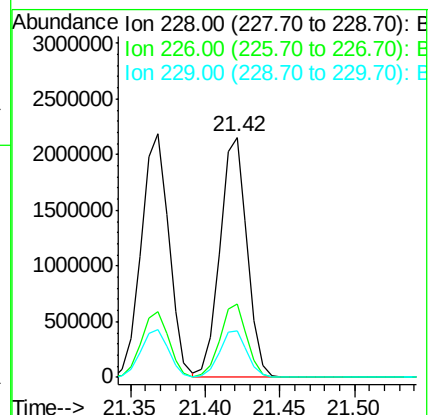
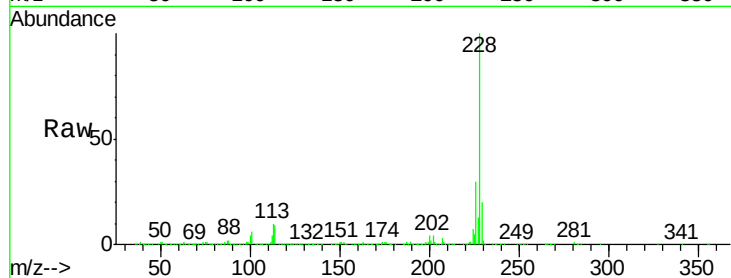
Tgt Ion:228 Resp: 2742629

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.003 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.02 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

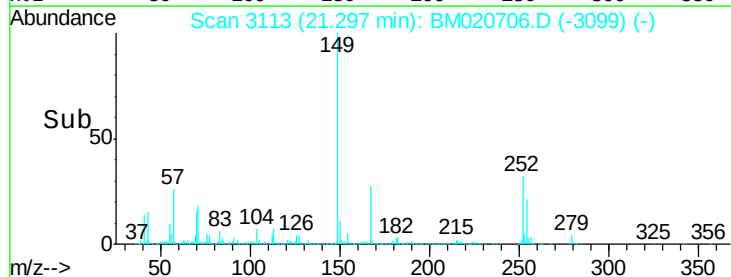
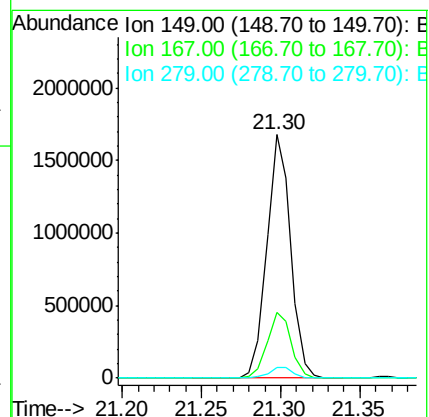
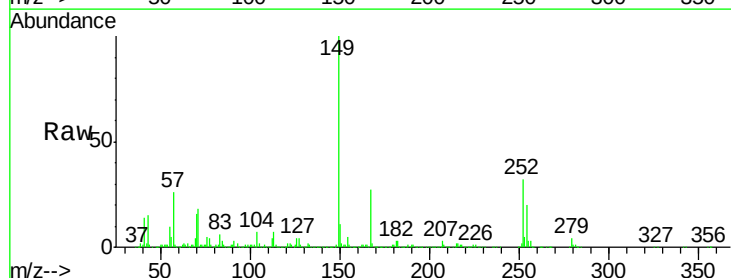
Tgt Ion:149 Resp: 1759717

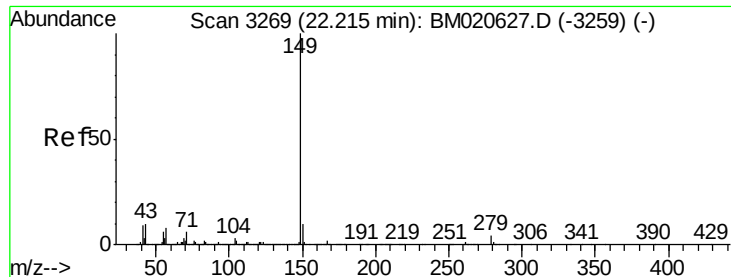
Ion Ratio Lower Upper

149 100

167 27.1 22.1 33.1

279 4.4 3.4 5.0

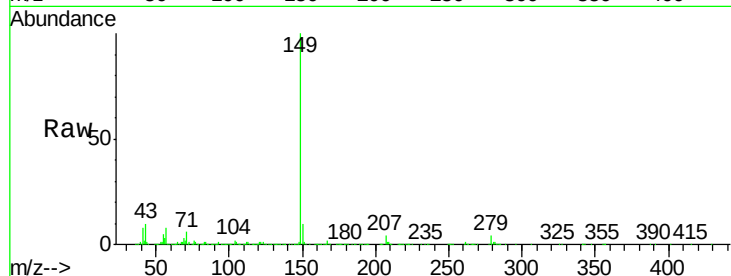




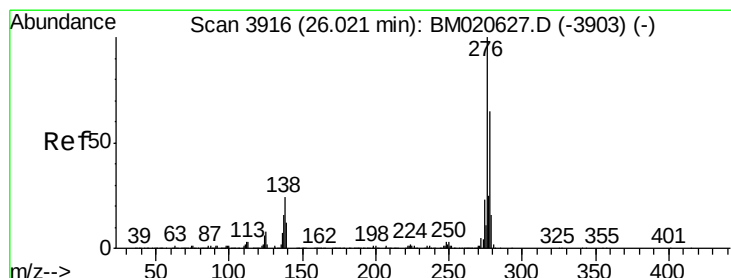
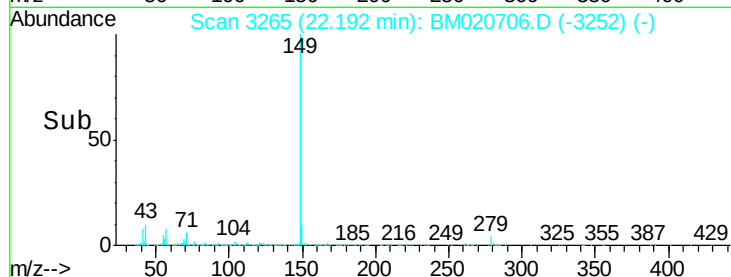
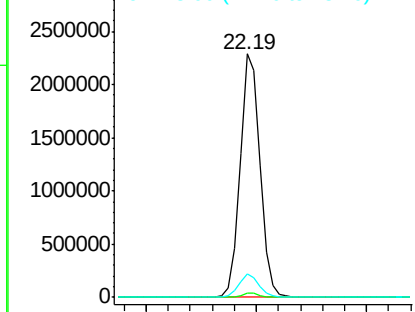
#85
Di-n-octyl phthalate
Concen: 40.312 ng
RT: 22.19 min Scan# 3265
Delta R.T. -0.02 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Instrument :
BNA_M
ClientSampleId :
PB120232BS

Tgt Ion:149 Resp: 2887587
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.5 8.2 12.4

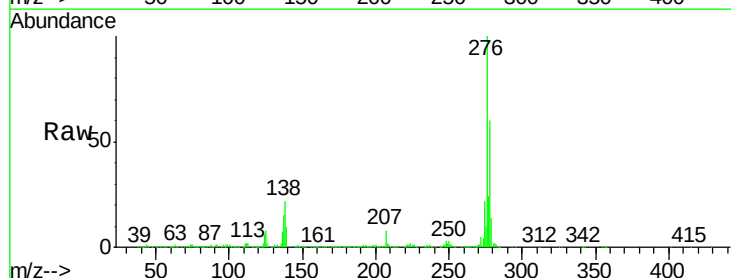


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

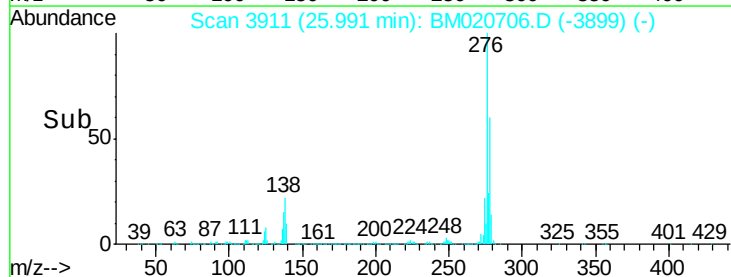
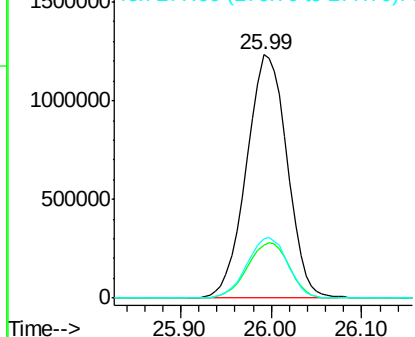


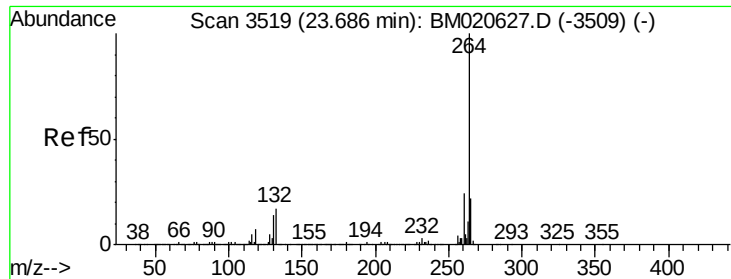
#86
Indeno(1,2,3-cd)pyrene
Concen: 59.217 ng
RT: 25.99 min Scan# 3911
Delta R.T. -0.03 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Tgt Ion:276 Resp: 3838802
Ion Ratio Lower Upper
276 100
138 23.6 19.8 29.8
277 25.2 20.2 30.4



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



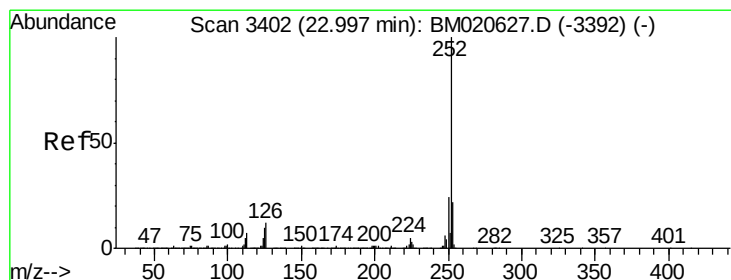
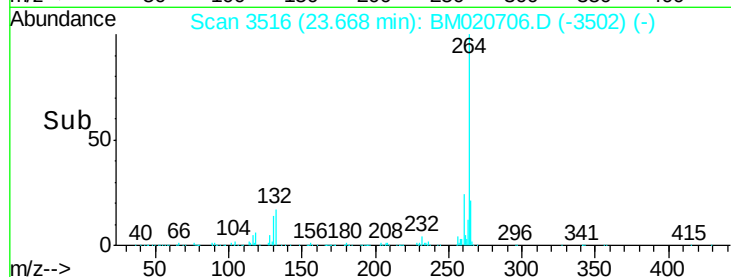
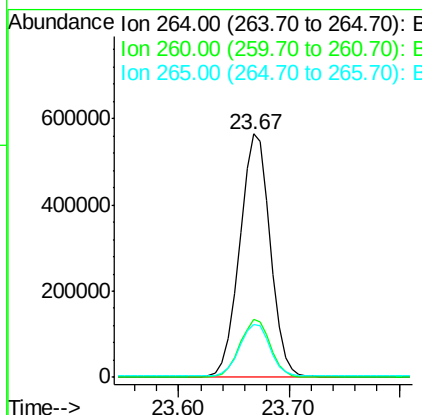
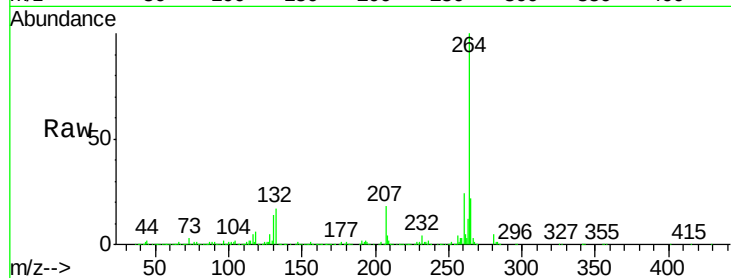


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Instrument :
BNA_M
ClientSampleId :
PB120232BS

Tgt Ion: 264 Resp: 1100075

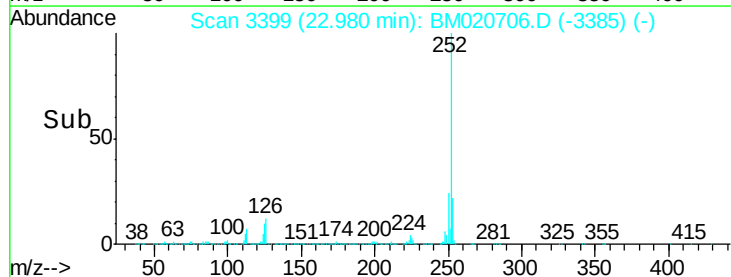
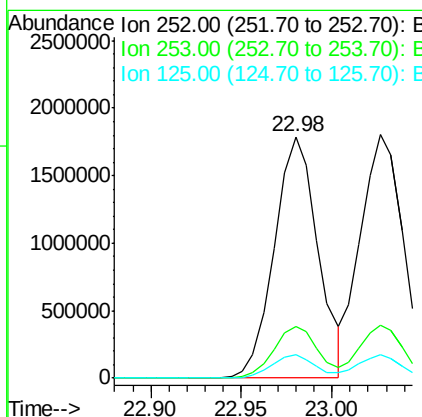
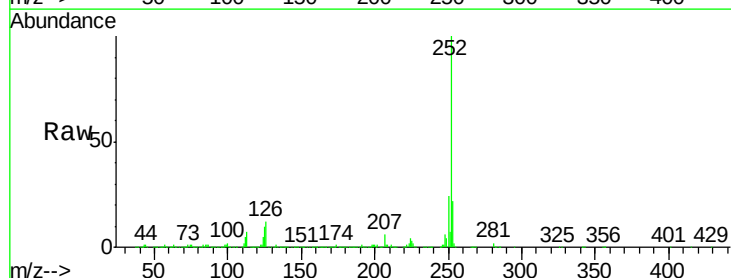
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.6	26.4

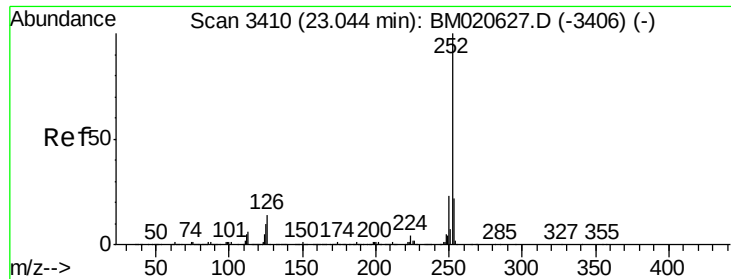


#88
Benzo(b)fluoranthene
Concen: 41.319 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.02 min
Lab File: BM020706.D
Acq: 04 Jun 2019 16:59

Tgt Ion: 252 Resp: 3004229

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	9.9	7.8	11.8





#89

Benzo(k)fluoranthene

Concen: 41.489 ng

RT: 23.03 min Scan# 3407

Delta R.T. -0.02 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

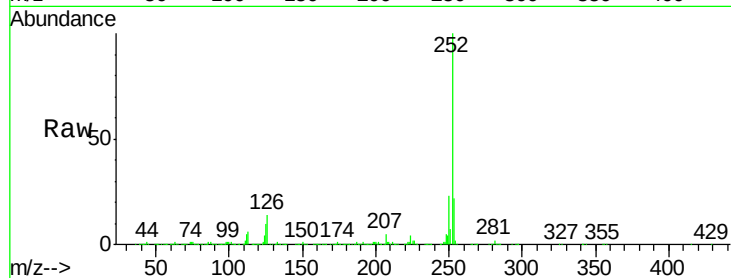
Tgt Ion:252 Resp: 2948001

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

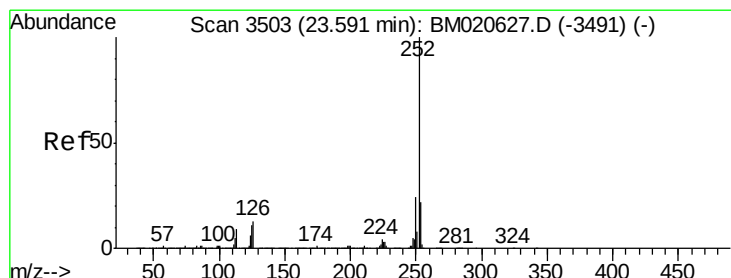
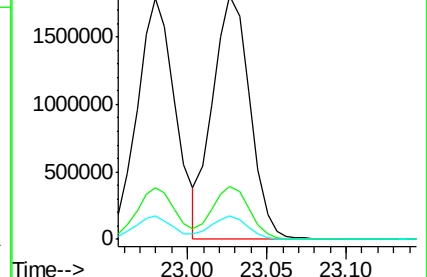
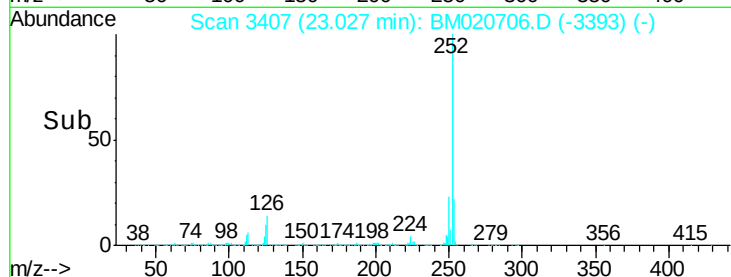
125 9.6 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.103 ng

RT: 23.57 min Scan# 3499

Delta R.T. -0.02 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

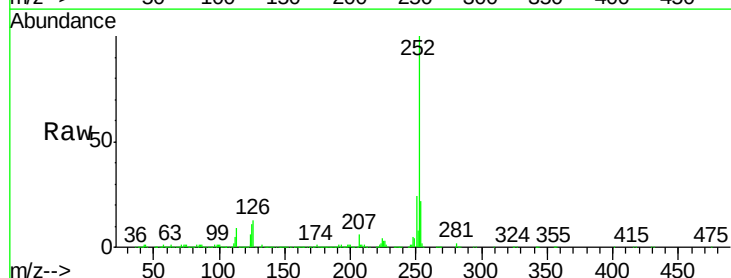
Tgt Ion:252 Resp: 2974563

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

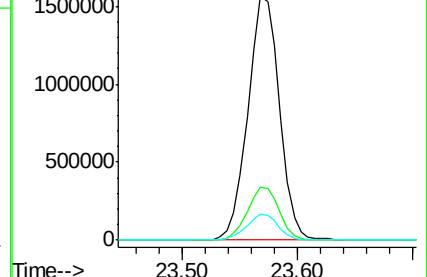
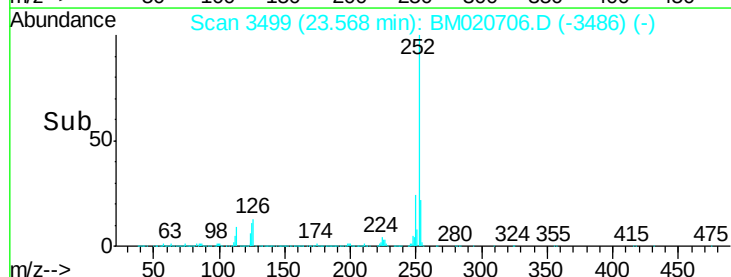
125 10.7 8.6 13.0

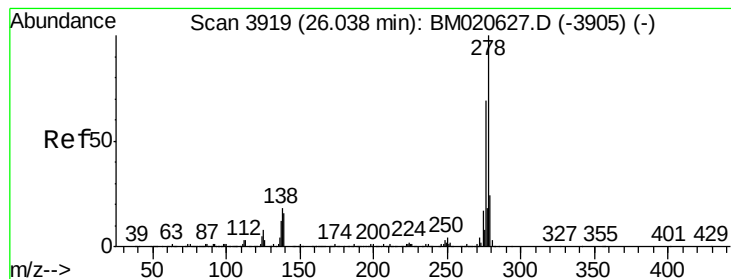


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.398 ng

RT: 26.01 min Scan# 3914

Delta R.T. -0.03 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

Instrument :

BNA_M

ClientSampleId :

PB120232BS

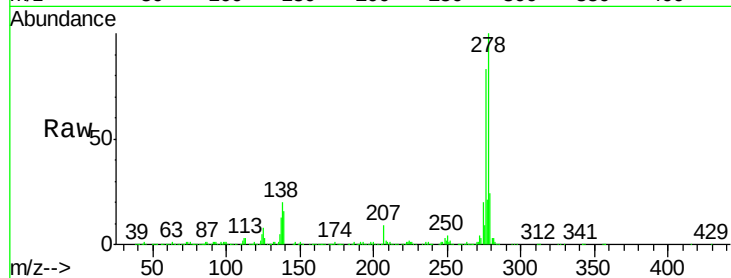
Tgt Ion:278 Resp: 3224608

Ion Ratio Lower Upper

278 100

139 15.7 12.6 18.8

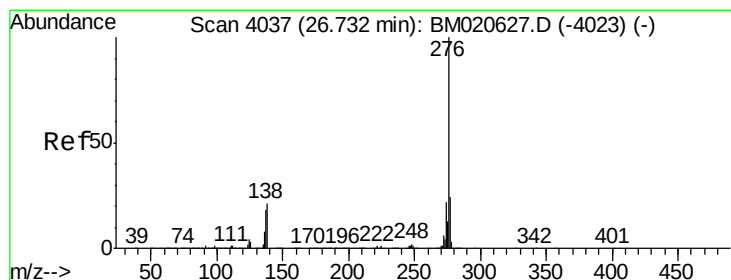
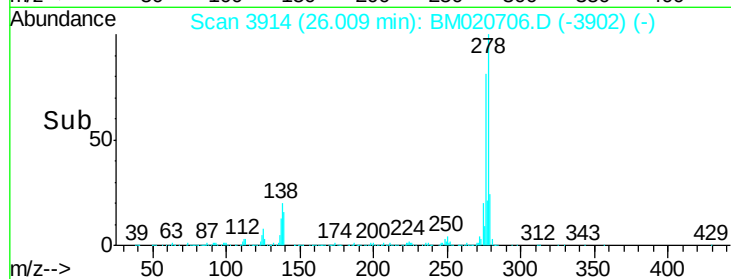
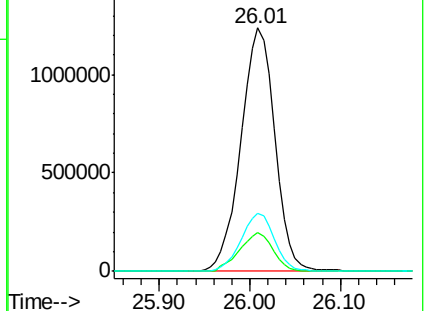
279 24.1 19.0 28.6



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: 52.672 ng

RT: 26.71 min Scan# 4033

Delta R.T. -0.02 min

Lab File: BM020706.D

Acq: 04 Jun 2019 16:59

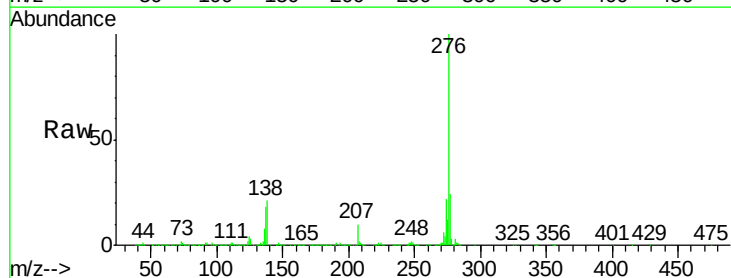
Tgt Ion:276 Resp: 3130292

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 21.0 17.0 25.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

