

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020729.D
 Acq On : 05 Jun 2019 10:38
 Operator : HP/JU
 Sample : PB120082BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Quant Time: Jun 05 18:21:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 18:16:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	331199	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1342938	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	742503	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1435283	20.00	ng	0.00
76) Chrysene-d12	21.38	240	1187030	20.00	ng	0.00
87) Perylene-d12	23.66	264	1120590	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1603895	85.19	ng	0.00
7) Phenol-d6	6.99	99	2167413	78.18	ng	0.00
23) Nitrobenzene-d5	8.99	82	1873504	72.28	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	747963	81.30	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	4231793	75.77	ng	0.00
79) Terphenyl-d14	19.83	244	4887492	68.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	304832	39.544	ng	99
3) Pyridine	3.74	79	807718	32.933	ng	99
4) n-Nitrosodimethylamine	3.66	42	369573	34.956	ng	98
6) Aniline	7.16	93	1041047	25.952	ng	99
8) 2-Chlorophenol	7.39	128	988444	42.200	ng	99
9) Benzaldehyde	6.97	77	28121	Below Cal		93
10) Phenol	7.02	94	1217038	40.735	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	878985	36.916	ng	99
12) 1,3-Dichlorobenzene	7.71	146	998813	37.103	ng	100
13) 1,4-Dichlorobenzene	7.86	146	1019839	37.266	ng	99
14) 1,2-Dichlorobenzene	8.17	146	980873	36.830	ng	99
15) Benzyl Alcohol	8.06	79	872779	35.586	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1211060	32.945	ng	99
17) 2-Methylphenol	8.26	107	815264	38.806	ng	99
18) Hexachloroethane	8.89	117	374329	35.726	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	751224	33.709	ng	99
20) 3+4-Methylphenols	8.59	107	1087528	38.047	ng	98
22) Acetophenone	8.65	105	1372075	40.219	ng	# 99
24) Nitrobenzene	9.03	77	1072736	40.541	ng	99
25) Isophorone	9.55	82	1966467	38.140	ng	99
26) 2-Nitrophenol	9.73	139	463723	47.023	ng	99
27) 2,4-Dimethylphenol	9.79	122	889530	48.137	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1208674	38.772	ng	99
29) 2,4-Dichlorophenol	10.26	162	921200	45.058	ng	97
30) 1,2,4-Trichlorobenzene	10.47	180	970108	41.266	ng	99
31) Naphthalene	10.66	128	2843655	41.178	ng	100
32) Benzoic acid	9.93	122	459602	40.422	ng	96
33) 4-Chloroaniline	10.77	127	478888	14.900	ng	100
34) Hexachlorobutadiene	10.94	225	567768	40.252	ng	99
35) Caprolactam	11.57	113	171721	24.177	ng	95
36) 4-Chloro-3-methylphenol	11.90	107	951686	40.036	ng	100
37) 2-Methylnaphthalene	12.27	142	2103254	41.089	ng	100
38) 1-Methylnaphthalene	12.50	142	1988178	40.791	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1086000	44.632	ng	99

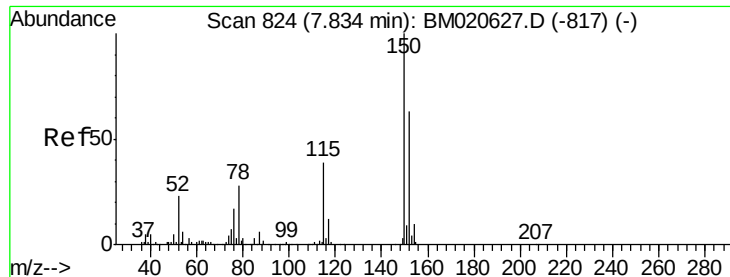
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020729.D
 Acq On : 05 Jun 2019 10:38
 Operator : HP/JU
 Sample : PB120082BSD
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Quant Time: Jun 05 18:21:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 18:16:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1247851	85.747	nq	99
43) 2,4,6-Trichlorophenol	12.88	196	703256	44.901	nq	100
44) 2,4,5-Trichlorophenol	12.95	196	750080	46.388	nq	# 97
46) 1,1'-Biphenyl	13.29	154	2669409	43.047	nq	100
47) 2-Chloronaphthalene	13.33	162	2055238	41.065	nq	100
48) 2-Nitroaniline	13.55	65	576830	36.721	nq	98
49) Acenaphthylene	14.18	152	3229580	41.356	nq	100
50) Dimethylphthalate	13.92	163	2515772	39.659	nq	100
51) 2,6-Dinitrotoluene	14.05	165	536518	41.653	nq	97
52) Acenaphthene	14.52	154	1896523	40.753	nq	99
53) 3-Nitroaniline	14.37	138	336055	23.375	nq	100
54) 2,4-Dinitrophenol	14.57	184	412413	74.931	nq	98
55) Dibenzofuran	14.86	168	2958503	40.932	nq	99
56) 4-Nitrophenol	14.67	139	811262	76.574	nq	98
57) 2,4-Dinitrotoluene	14.83	165	701695	40.686	nq	98
58) Fluorene	15.51	166	2357960	39.670	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	632039	44.857	nq	99
60) Diethylphthalate	15.29	149	2486061	37.999	nq	100
61) 4-Chlorophenyl-phenylether	15.50	204	1260253	40.044	nq	100
62) 4-Nitroaniline	15.53	138	479449	31.444	nq	97
63) Azobenzene	15.80	77	2303617	36.727	nq	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	265018	41.941	nq	98
66) n-Nitrosodiphenylamine	15.72	169	2027151	44.120	nq	99
67) 4-Bromophenyl-phenylether	16.40	248	735966	43.551	nq	99
68) Hexachlorobenzene	16.50	284	845044	42.824	nq	98
69) Atrazine	16.67	200	601704	43.878	nq	99
70) Pentachlorophenol	16.85	266	916262	97.330	nq	99
71) Phenanthrene	17.24	178	3352711	41.210	nq	99
72) Anthracene	17.33	178	3394606	41.689	nq	99
73) Carbazole	17.61	167	2859009	38.691	nq	99
74) Di-n-butylphthalate	18.17	149	3655058	38.104	nq	100
75) Fluoranthene	19.26	202	3394497	37.519	nq	100
77) Benzidine	19.44	184	1102554	30.654	nq	99
78) Pyrene	19.62	202	3401572	37.343	nq	99
80) Butylbenzylphthalate	20.52	149	1347884	35.014	nq	98
81) Benzo(a)anthracene	21.36	228	2918549	35.307	nq	100
82) 3,3'-Dichlorobenzidine	21.30	252	897341	29.644	nq	99
83) Chrysene	21.42	228	2868765	36.509	nq	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1886833	33.725	nq	99
85) Di-n-octyl phthalate	22.19	149	2935854	33.052	nq	100
86) Indeno(1,2,3-cd)pyrene	25.99	276	3617337	44.999	nq	99
88) Benzo(b)fluoranthene	22.97	252	2974652	40.163	nq	100
89) Benzo(k)fluoranthene	23.02	252	2934772	40.547	nq	99
90) Benzo(a)pyrene	23.56	252	2908131	43.289	nq	99
91) Dibenzo(a,h)anthracene	26.00	278	3053850	46.855	nq	99
92) Benzo(g,h,i)perylene	26.69	276	2956940	48.844	nq	99

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

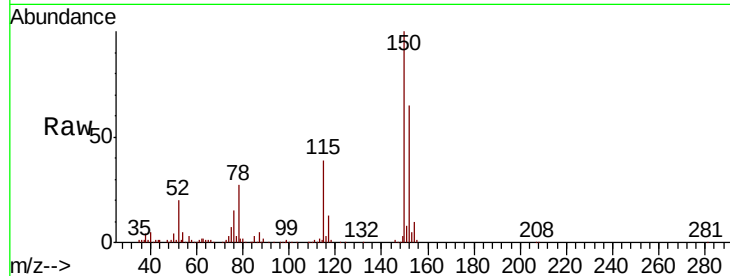


#1

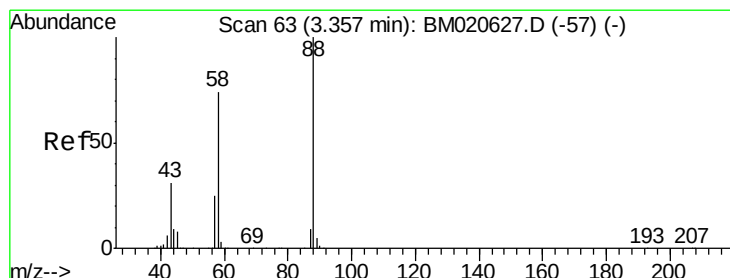
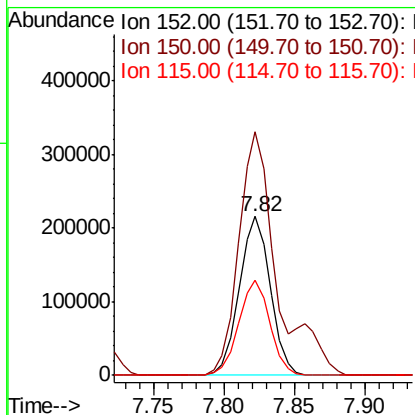
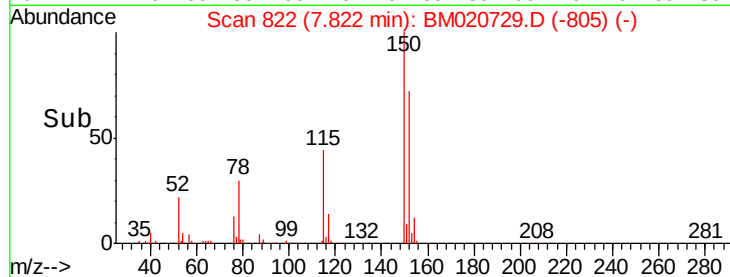
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion:152 Resp: 331199
Ion Ratio Lower Upper
152 100
150 153.5 124.0 186.0
115 60.3 47.0 70.6



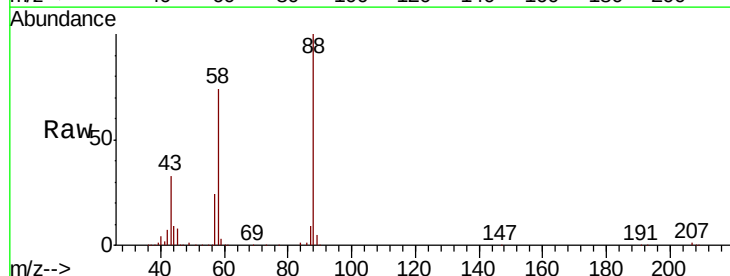
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



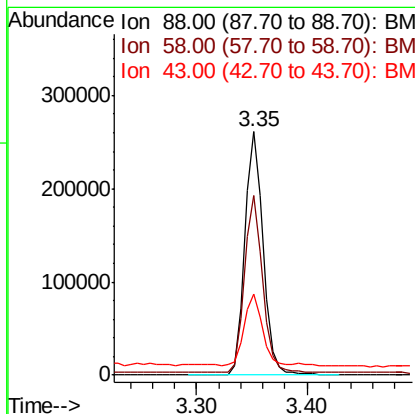
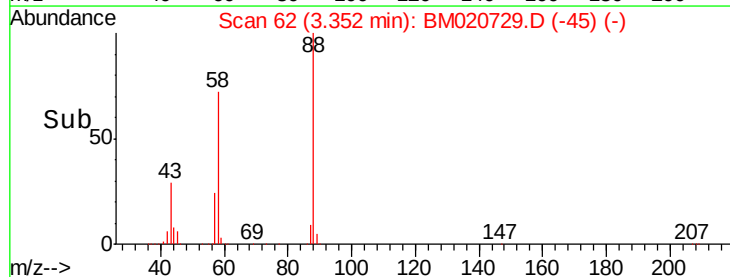
#2

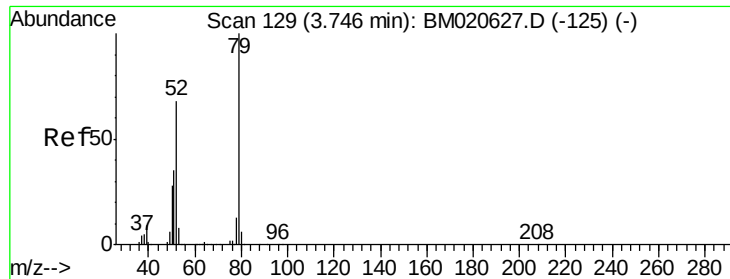
1,4-Dioxane
Concen: 39.544 ng
RT: 3.35 min Scan# 62
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion: 88 Resp: 304832
Ion Ratio Lower Upper
88 100
58 71.7 57.2 85.8
43 28.1 24.2 36.4



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





#3

Pvridine

Concen: 32.933 ng

RT: 3.74 min Scan# 128

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

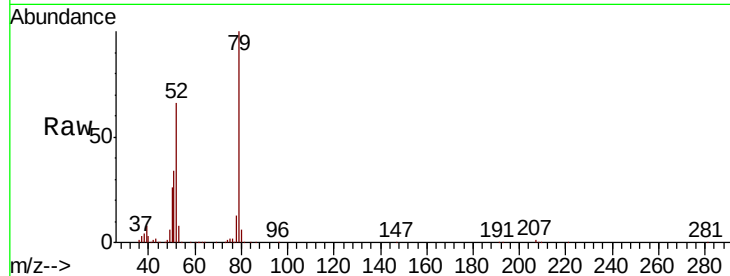
Tot Ion: 79 Resp: 807718

Ion Ratio Lower Upper

79 100

52 65.7 52.0 78.0

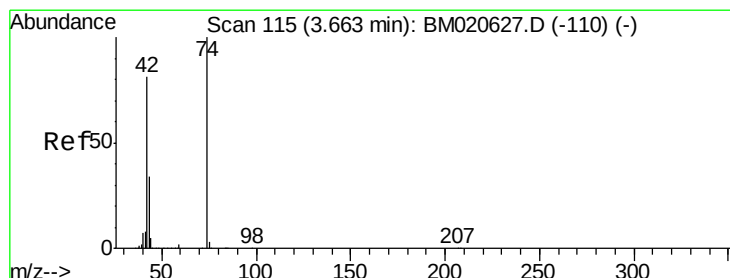
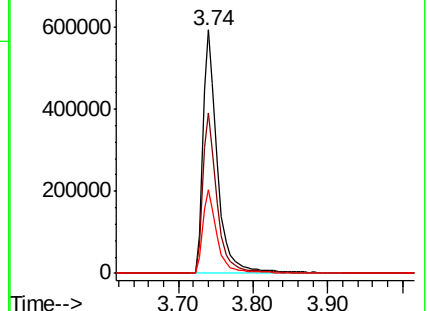
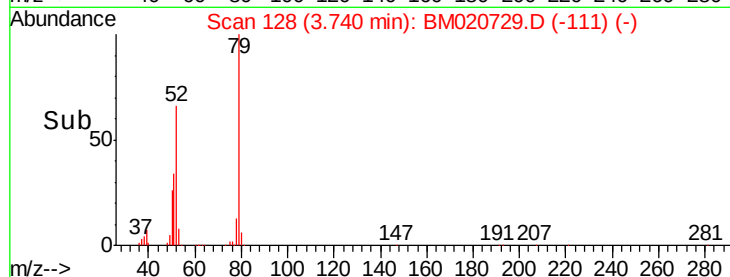
51 34.5 26.5 39.7



Abundance Ion 79.00 (78.70 to 79.70): BM020729.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020729.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020729.D (-125) (-)



#4

n-Nitrosodimethylamine

Concen: 34.956 ng

RT: 3.66 min Scan# 114

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

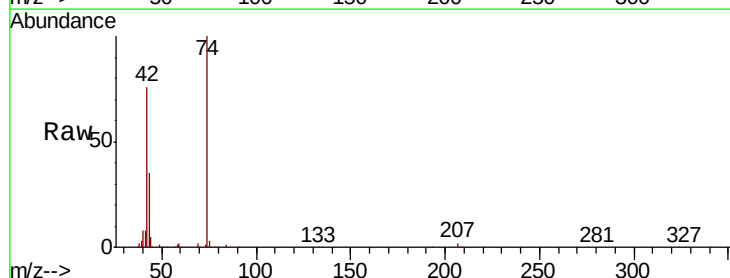
Tgt Ion: 42 Resp: 369573

Ion Ratio Lower Upper

42 100

74 130.9 103.3 154.9

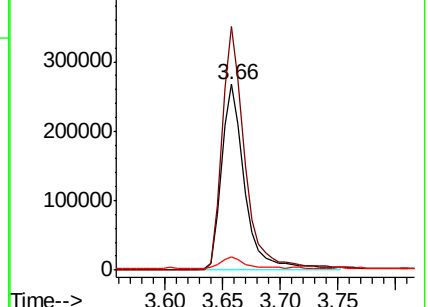
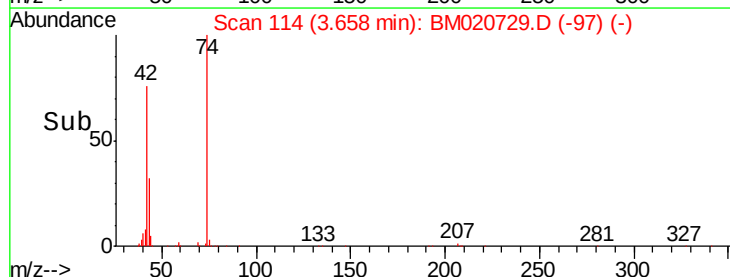
44 7.1 5.9 8.9

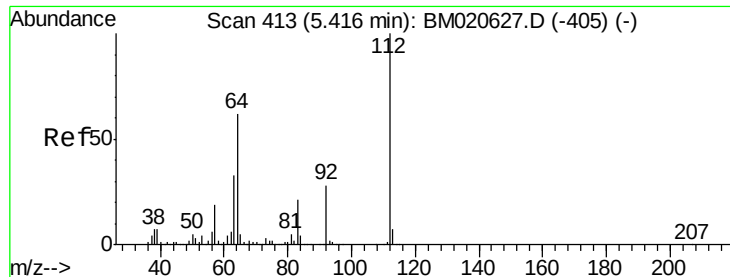


Abundance Ion 42.00 (41.70 to 42.70): BM020729.D (-110) (-)

Ion 74.00 (73.70 to 74.70): BM020729.D (-110) (-)

Ion 44.00 (43.70 to 44.70): BM020729.D (-110) (-)





#5

2-Fluorophenol

Concen: 85.186 ng

RT: 5.40 min Scan# 411

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

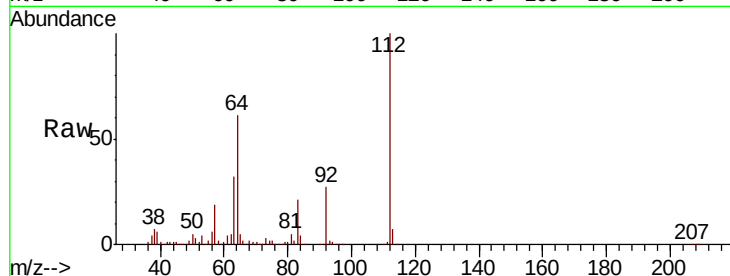
Tot Ion:112 Resp: 1603895

Ion Ratio Lower Upper

112 100

64 61.3 47.8 71.8

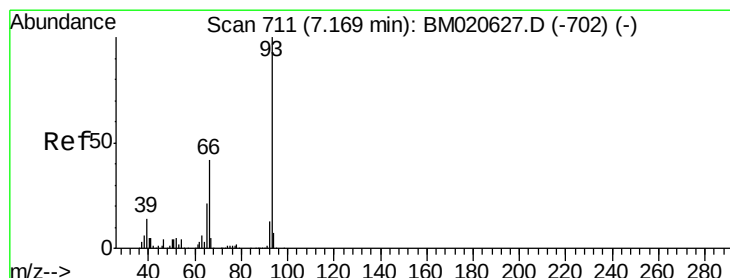
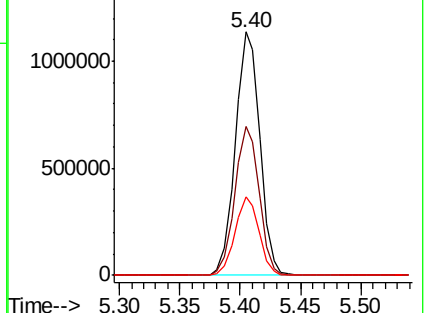
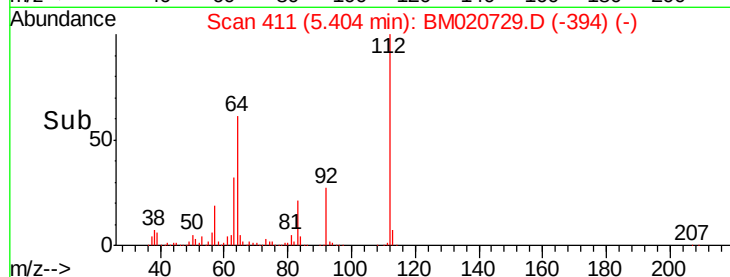
63 32.1 25.4 38.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 25.952 ng

RT: 7.16 min Scan# 709

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

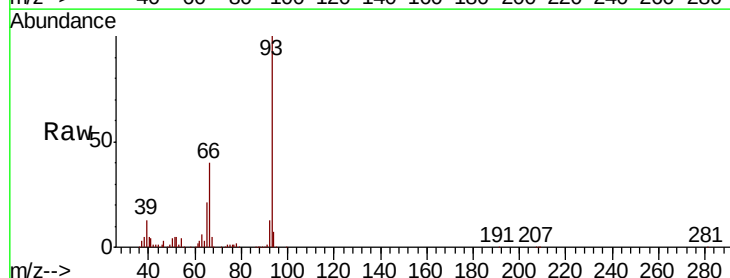
Tgt Ion: 93 Resp: 1041047

Ion Ratio Lower Upper

93 100

66 40.3 33.0 49.4

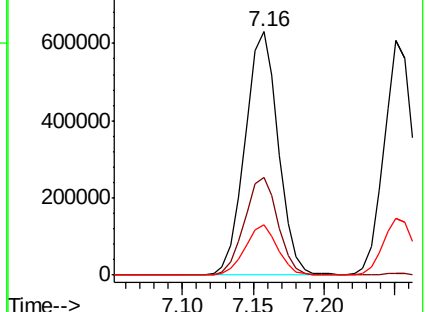
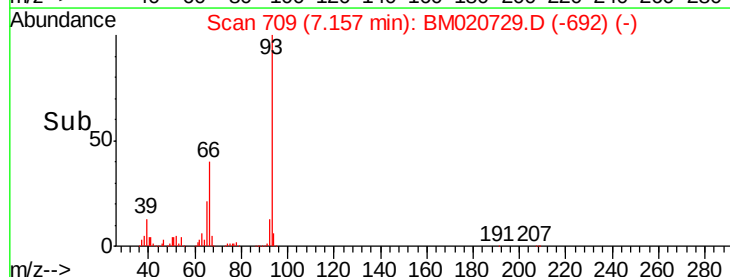
65 20.8 16.1 24.1

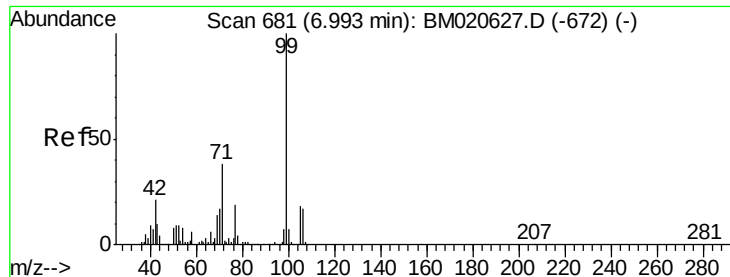


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 78.179 ng

RT: 6.99 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

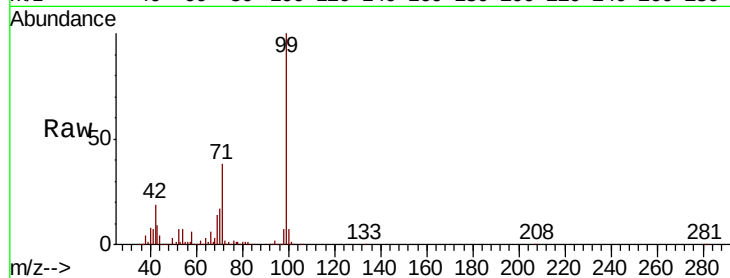
BNA_M

ClientSampleId :

PB120082BSD

Tot Ion: 99 Resp: 2167413

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.8	22.2
71	37.8	29.5	44.3

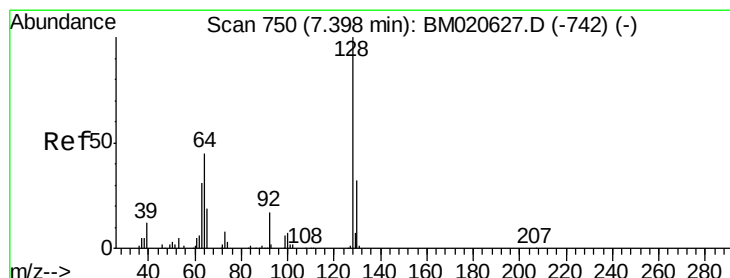
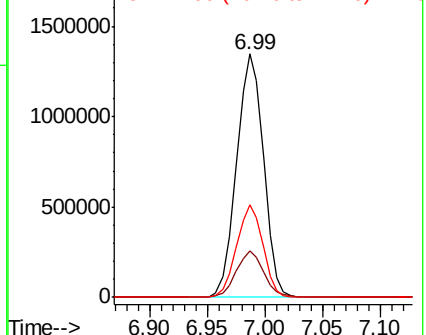
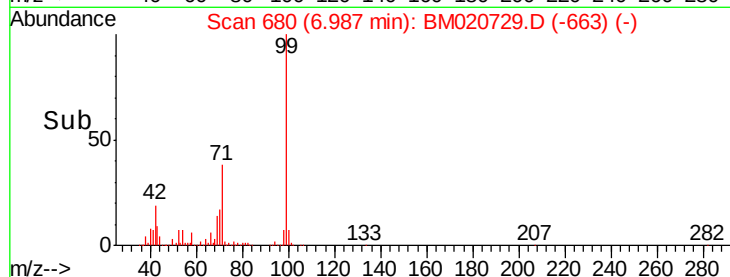


Abundance

Ion 99.00 (98.70 to 99.70): BM020729.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM020729.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM020729.D (-663) (-)



#8

2-Chlorophenol

Concen: 42.200 ng

RT: 7.39 min Scan# 748

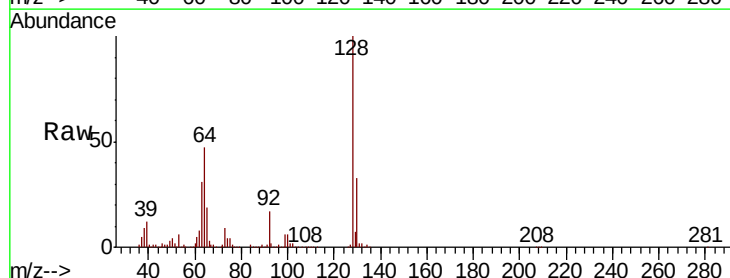
Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Tgt Ion: 128 Resp: 988444

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	46.7	27.5	67.5

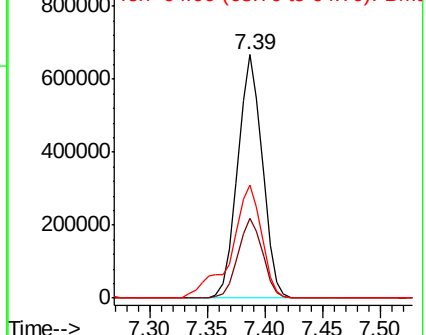
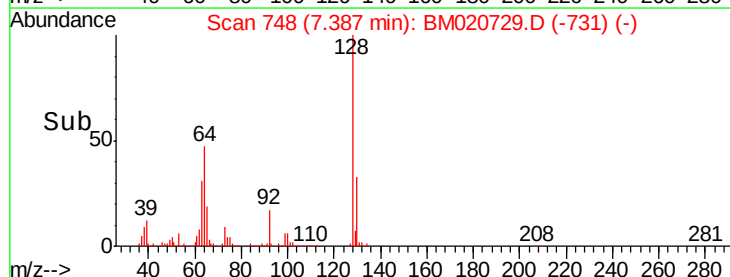


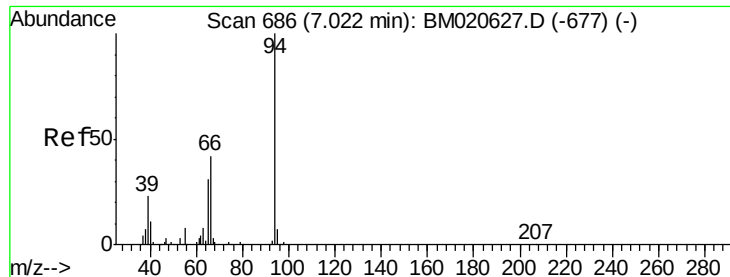
Abundance

Ion 128.00 (127.70 to 128.70): BM020729.D (-731) (-)

Ion 130.00 (129.70 to 130.70): BM020729.D (-731) (-)

Ion 64.00 (63.70 to 64.70): BM020729.D (-731) (-)





#10

Phenol

Concen: 40.735 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.01 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

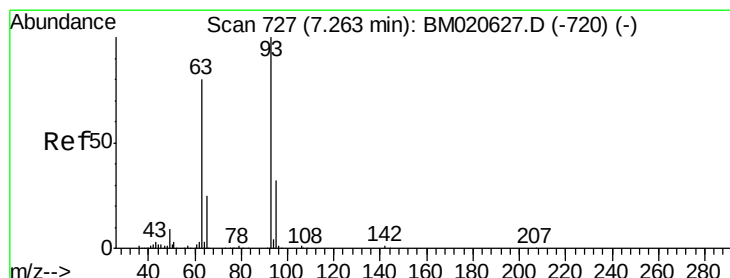
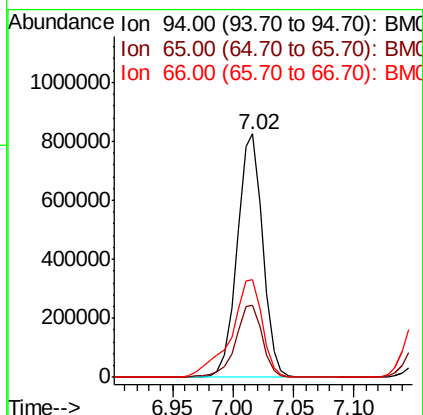
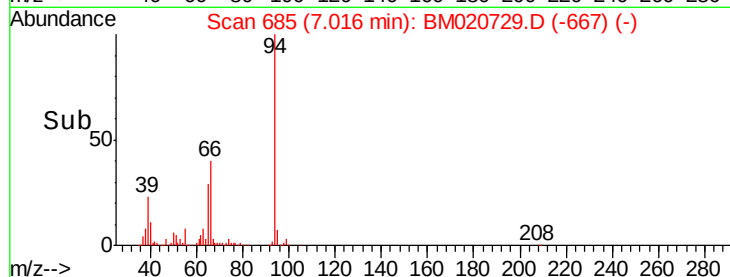
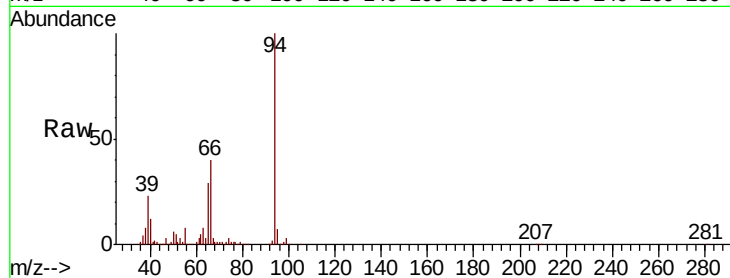
Tot Ion: 94 Resp: 1217038

Ion Ratio Lower Upper

94 100

65 29.5 9.4 49.4

66 40.0 20.7 60.7



#11

bis(2-Chloroethyl)ether

Concen: 36.916 ng

RT: 7.25 min Scan# 725

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

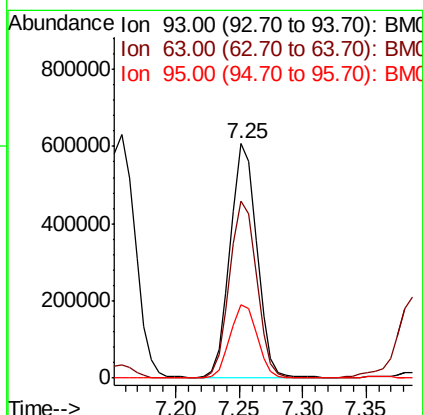
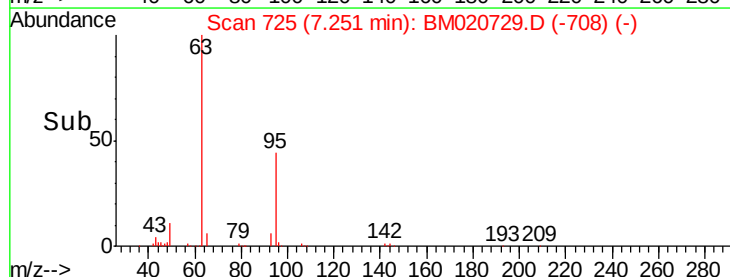
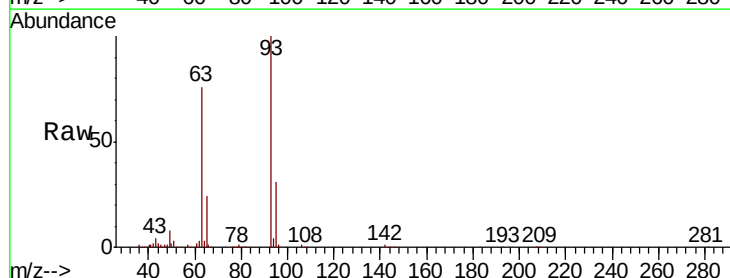
Tgt Ion: 93 Resp: 878985

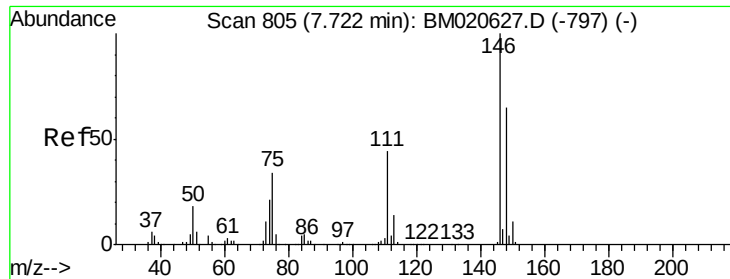
Ion Ratio Lower Upper

93 100

63 75.6 56.0 96.0

95 31.3 12.2 52.2

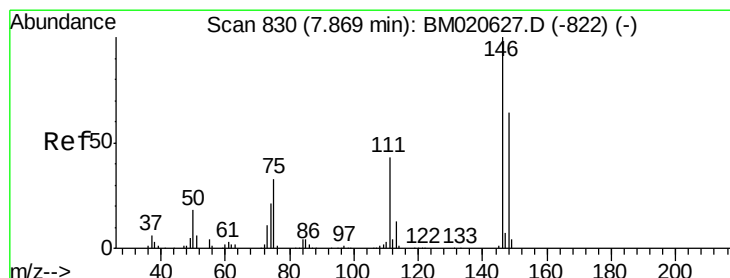
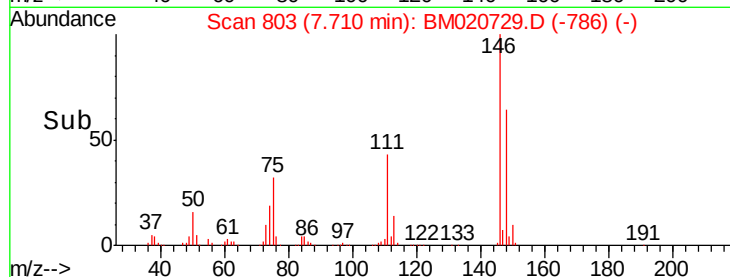
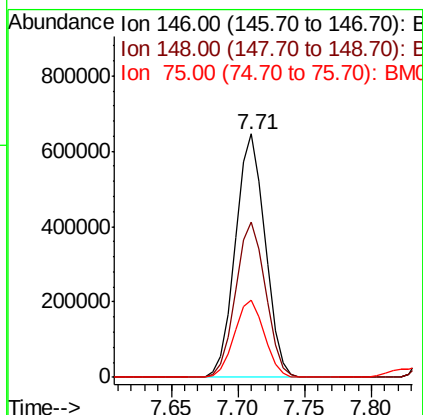
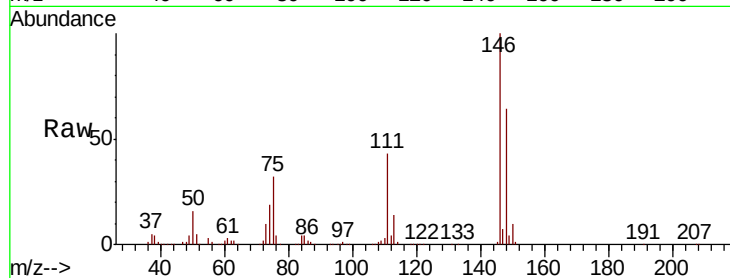




#12
 1,3-Dichlorobenzene
 Concen: 37.103 ng
 RT: 7.71 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

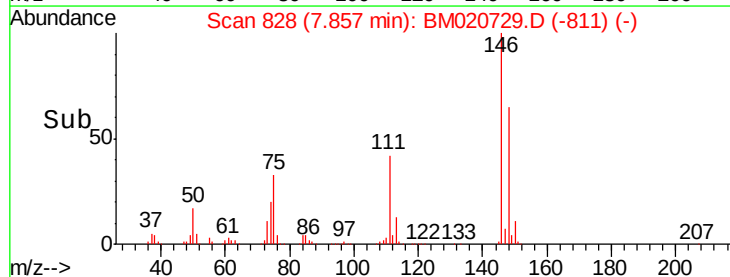
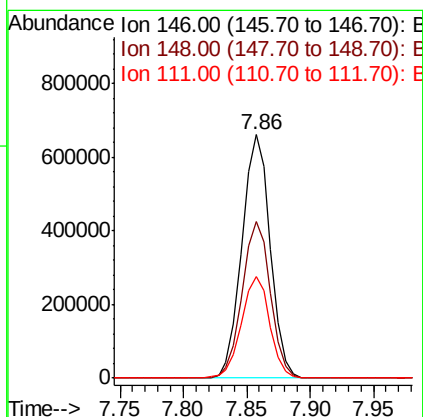
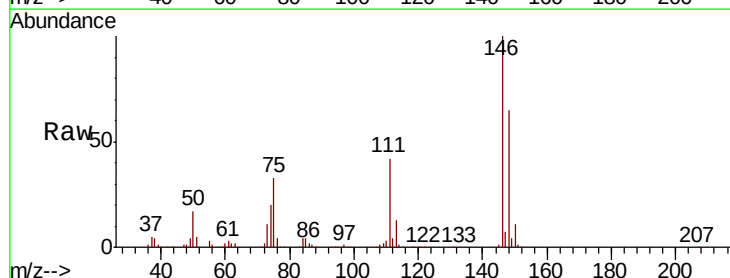
Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

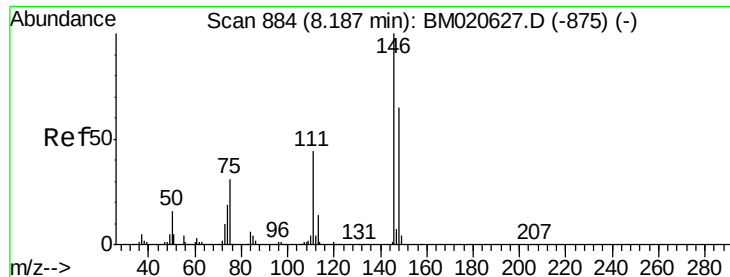
Tot Ion:146 Resp: 998813
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.3 76.9
 75 31.5 25.3 37.9



#13
 1,4-Dichlorobenzene
 Concen: 37.266 ng
 RT: 7.86 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion:146 Resp: 1019839
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.5 78.7
 111 41.7 33.8 50.8

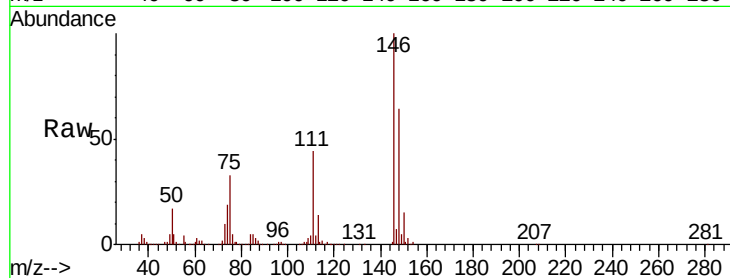




#14
 1,2-Dichlorobenzene
 Concen: 36.830 ng
 RT: 8.17 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
111	44.4	35.3	52.9

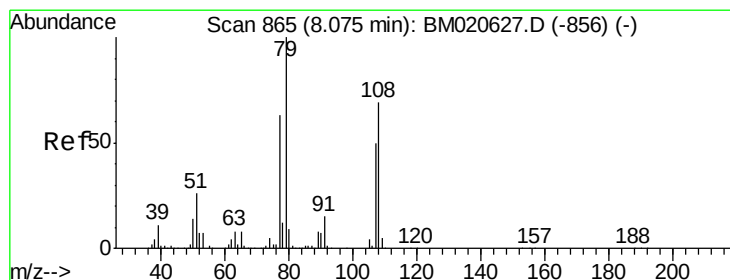
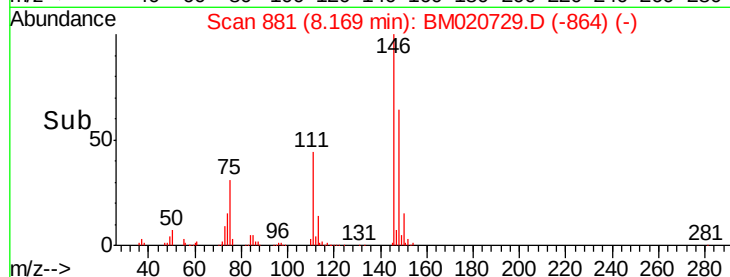
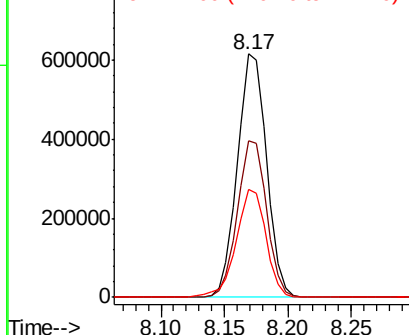


Abundance

Ion 146.00 (145.70 to 146.70): E

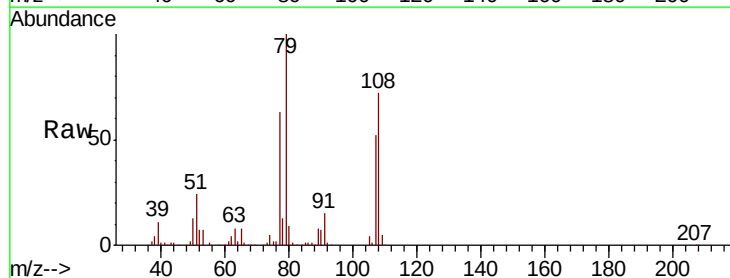
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15
 Benzyl Alcohol
 Concen: 35.586 ng
 RT: 8.06 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
79	100		
108	72.4	57.2	85.8
77	63.0	50.9	76.3

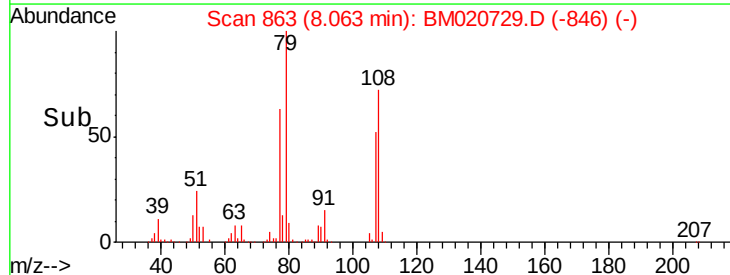
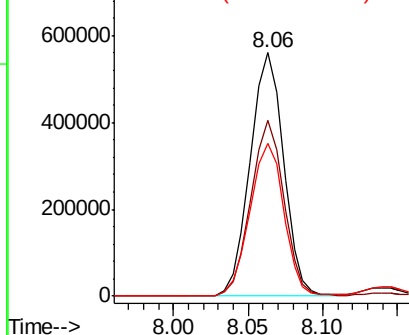


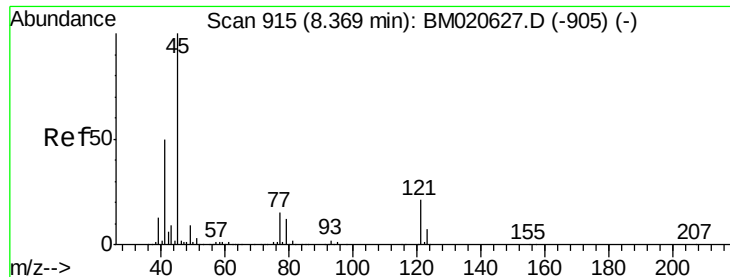
Abundance

Ion 79.00 (78.70 to 79.70): BM

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

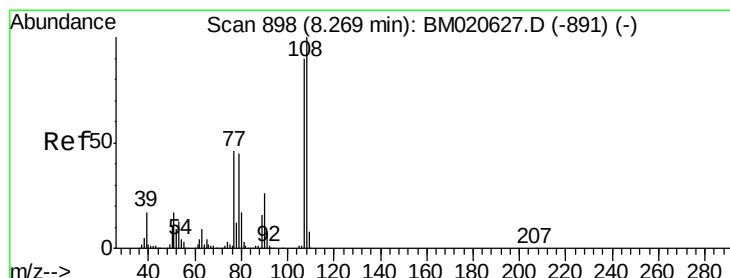
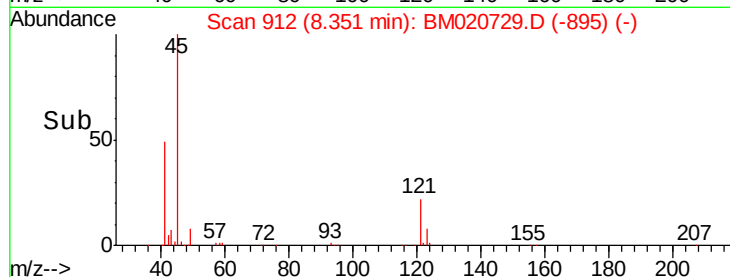
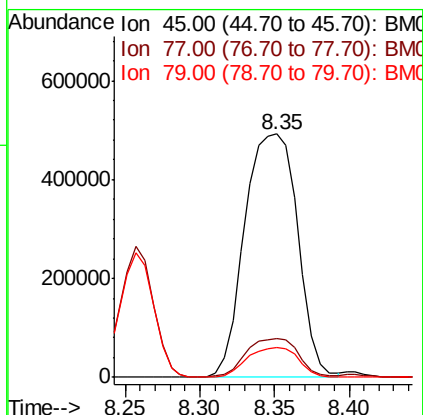
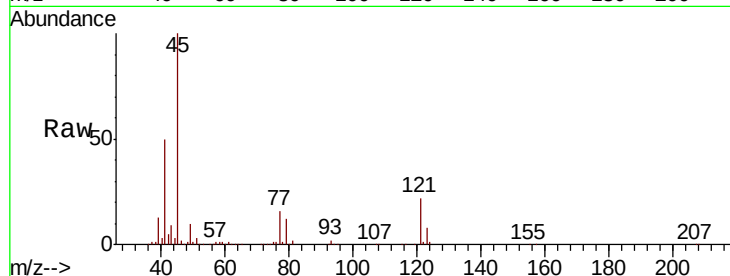




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 32.945 ng
RT: 8.35 min Scan# 912
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

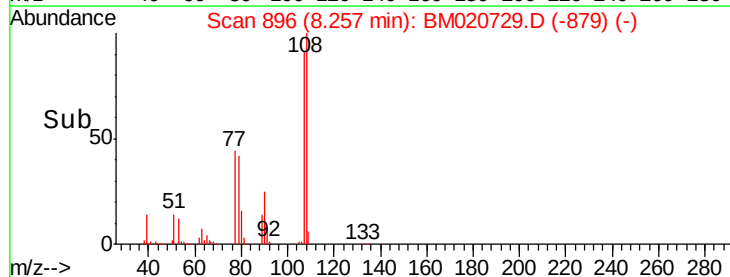
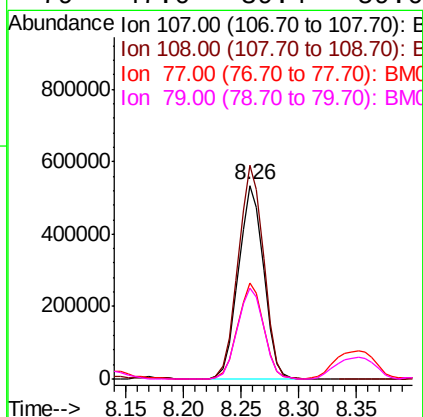
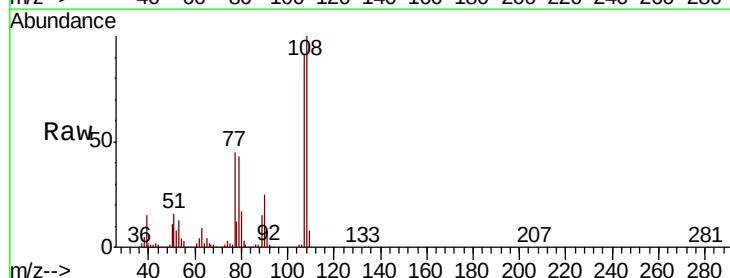
Instrument :
BNA_M
ClientSampleId :
PB120082BSD

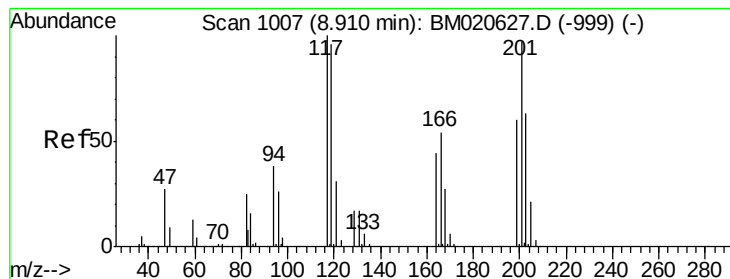
Tot Ion: 45 Resp: 1211060
Ion Ratio Lower Upper
45 100
77 16.0 0.0 35.4
79 12.0 0.0 32.2



#17
2-Methylphenol
Concen: 38.806 ng
RT: 8.26 min Scan# 896
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion: 107 Resp: 815264
Ion Ratio Lower Upper
107 100
108 110.2 88.2 132.4
77 49.3 39.5 59.3
79 47.0 39.4 59.0





#18

Hexachloroethane

Concen: 35.726 ng

RT: 8.89 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

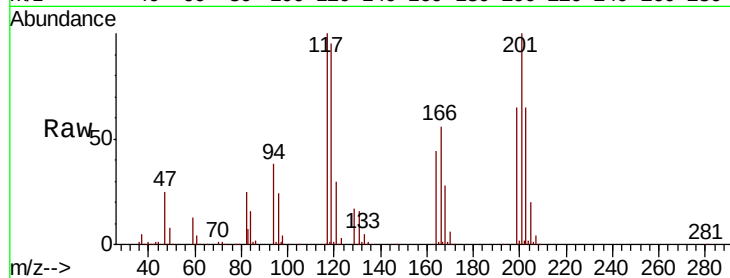
Tot Ion:117 Resp: 374329

Ion Ratio Lower Upper

117 100

119 94.9 78.2 117.4

201 100.3 83.0 124.4

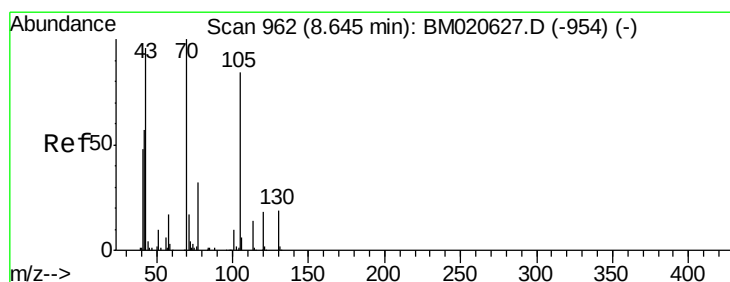
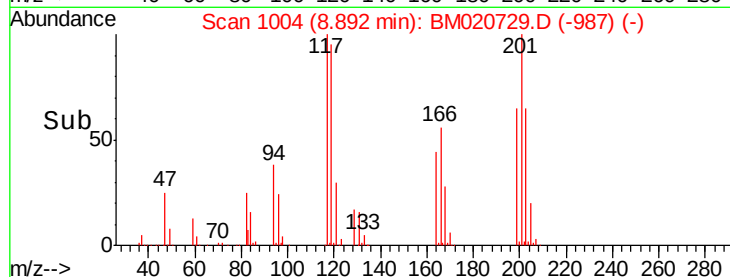
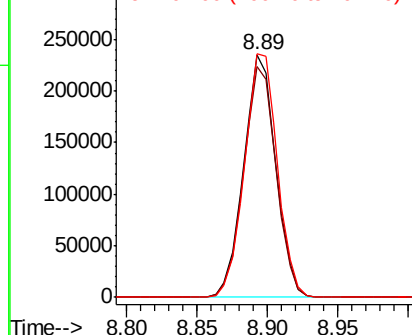


Abundance

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: 33.709 ng

RT: 8.63 min Scan# 959

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Tgt Ion: 70 Resp: 751224

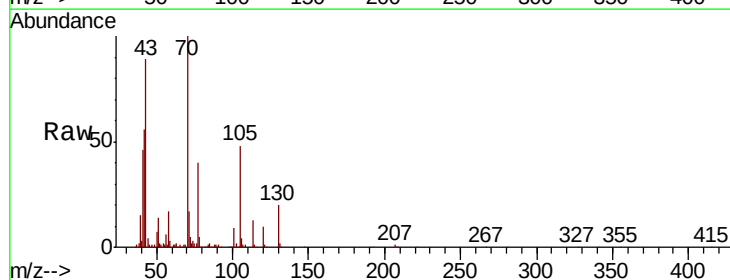
Ion Ratio Lower Upper

70 100

42 55.5 44.2 66.2

101 9.4 7.2 10.8

130 20.0 15.6 23.4



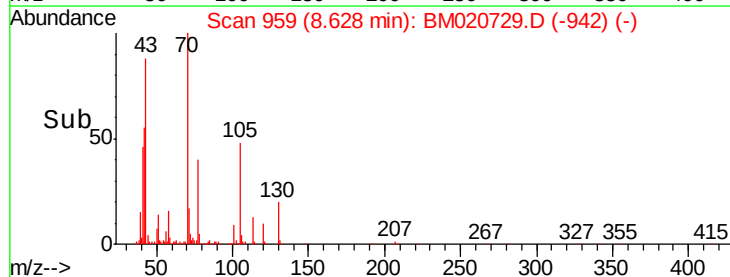
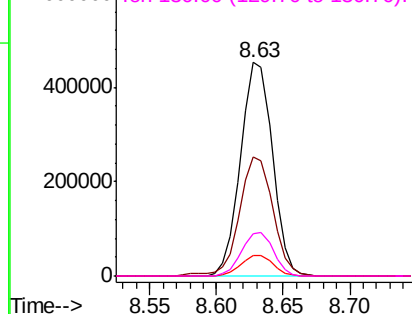
Abundance

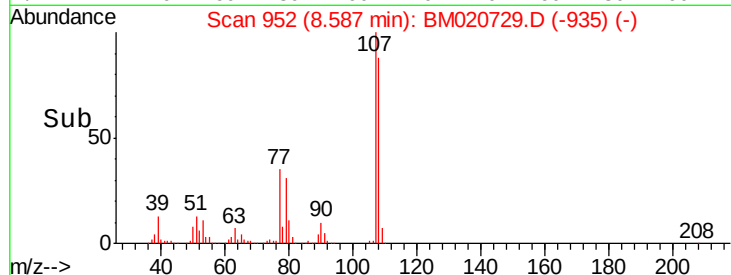
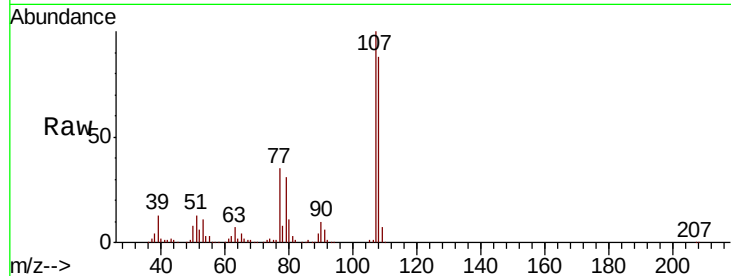
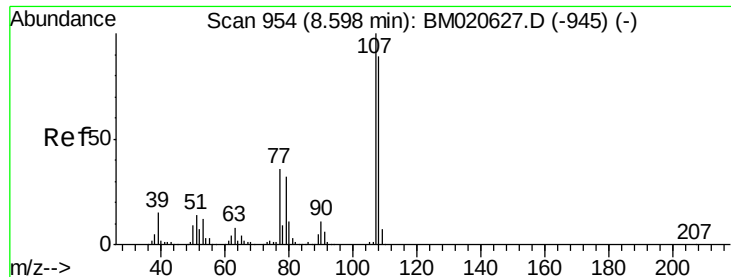
Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

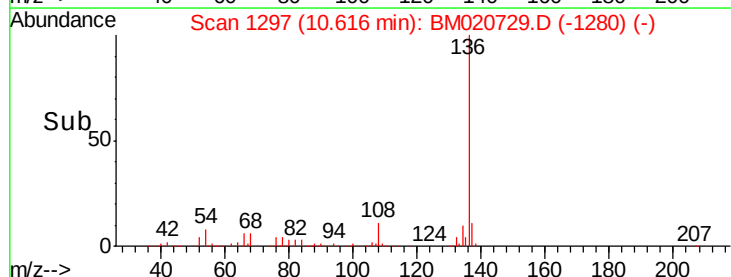
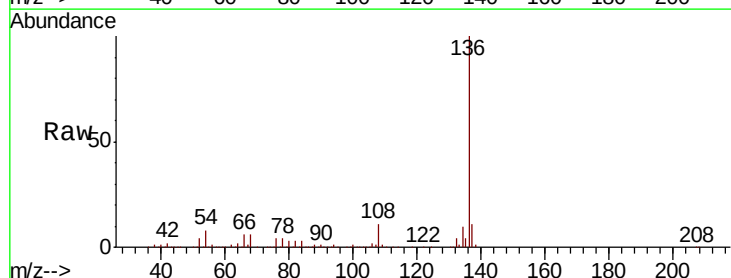
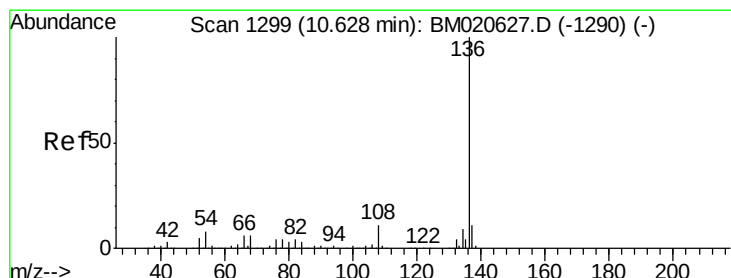
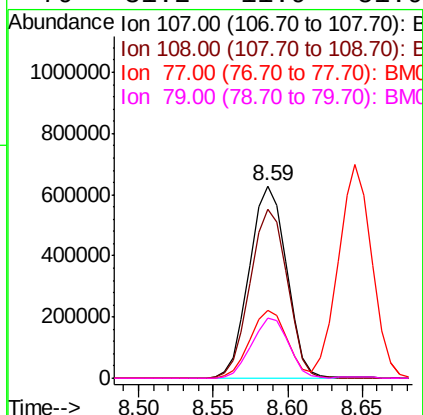




#20
3+4-Methylphenols
Concen: 38.047 ng
RT: 8.59 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

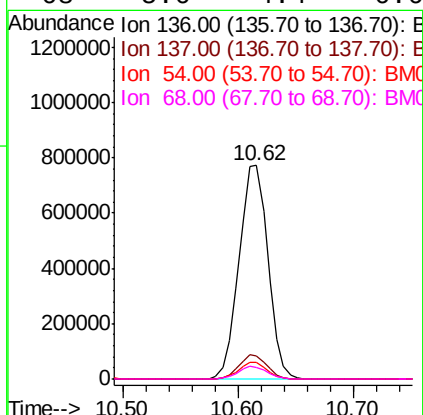
Instrument :
BNA_M
ClientSampleId :
PB120082BSD

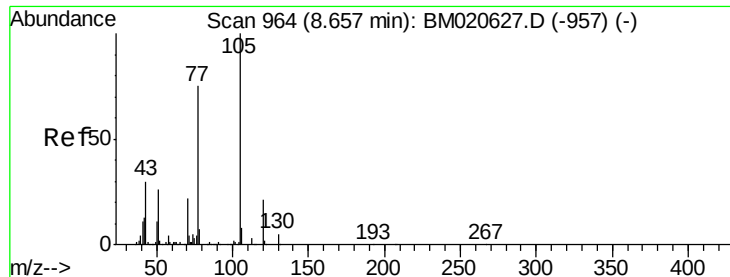
Tot Ion:	107	Resp:	1087528
Ion	Ratio	Lower	Upper
107	100		
108	88.0	70.3	110.3
77	34.9	15.5	55.5
79	31.2	11.9	51.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion:	136	Resp:	1342938
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.7	6.0	9.0
68	5.6	4.4	6.6

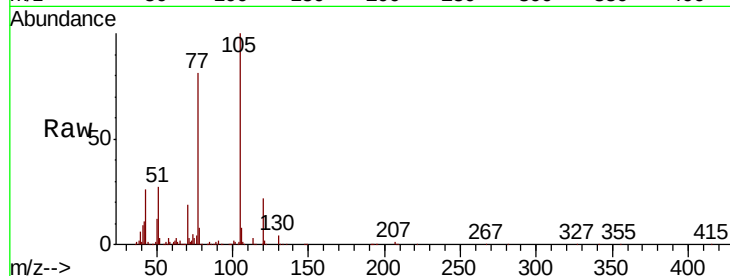




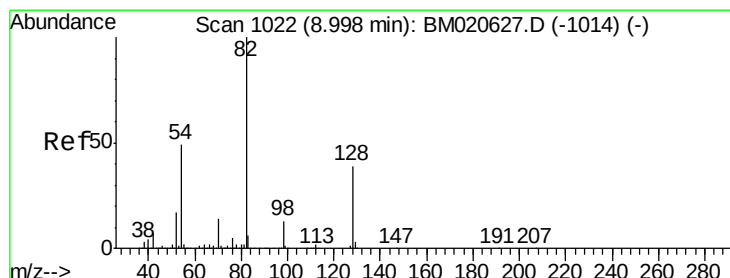
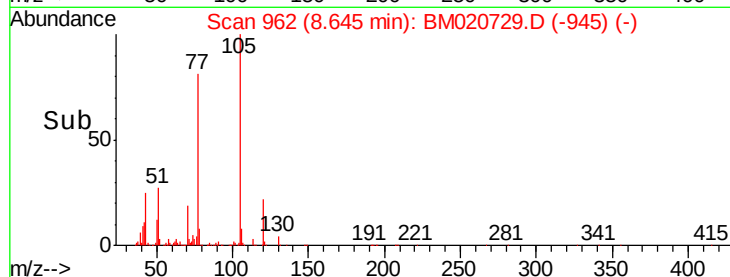
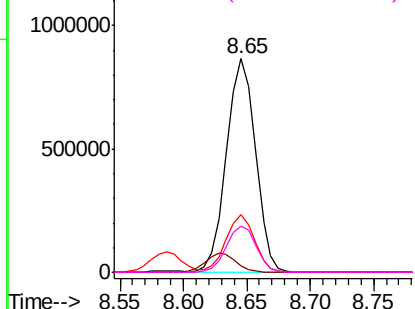
#22
Acetophenone
Concen: 40.219 ng
RT: 8.65 min Scan# 962
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion:105 Resp: 1372075
Ion Ratio Lower Upper
105 100
71 3.1 1.8 2.8#
51 26.9 20.9 31.3
120 21.7 17.6 26.4

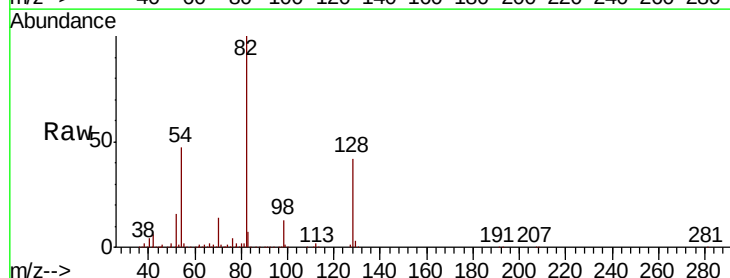


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

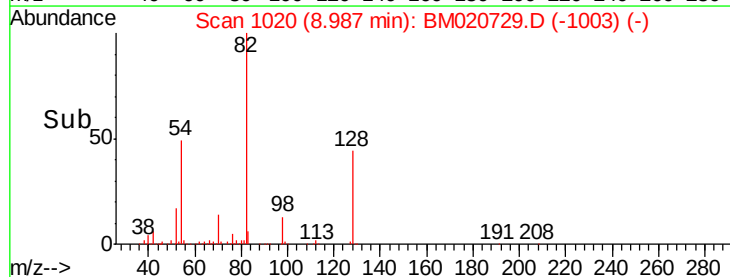
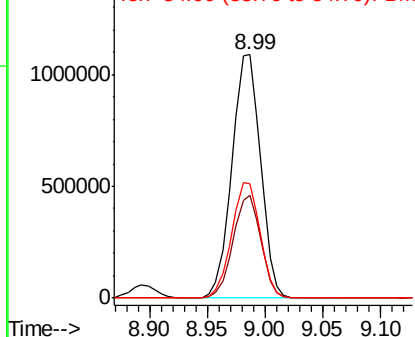


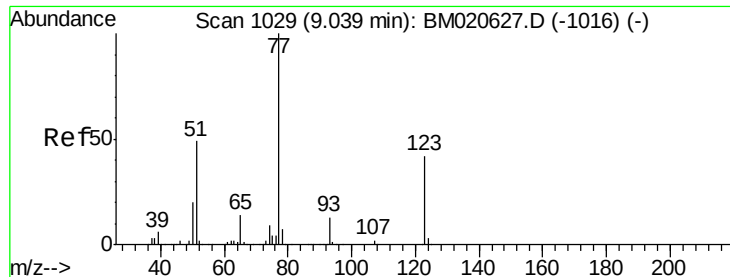
#23
Nitrobenzene-d5
Concen: 72.281 ng
RT: 8.99 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion: 82 Resp: 1873504
Ion Ratio Lower Upper
82 100
128 42.0 33.2 49.8
54 47.2 37.7 56.5



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM



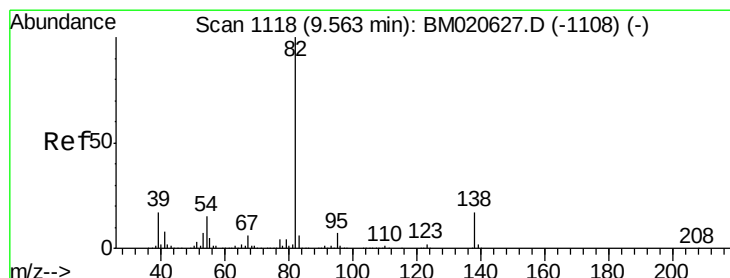
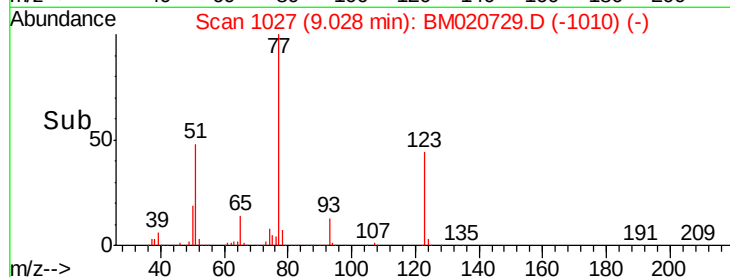
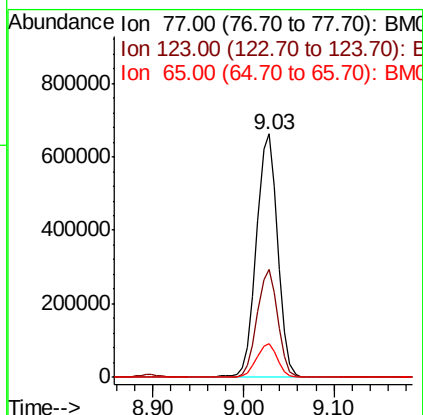
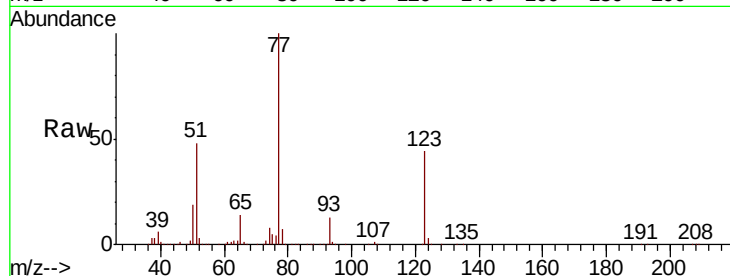


#24
 Nitrobenzene
 Concen: 40.541 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tot Ion: 77 Resp: 1072736

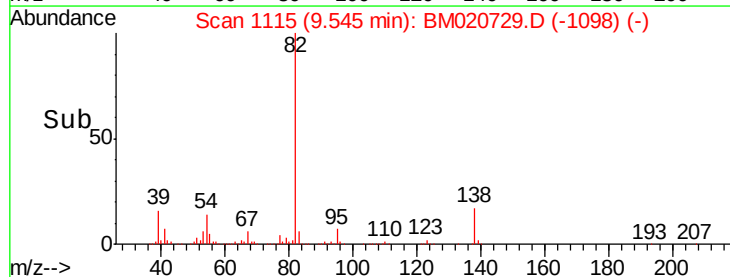
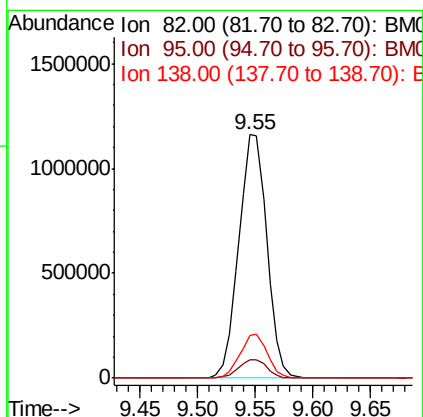
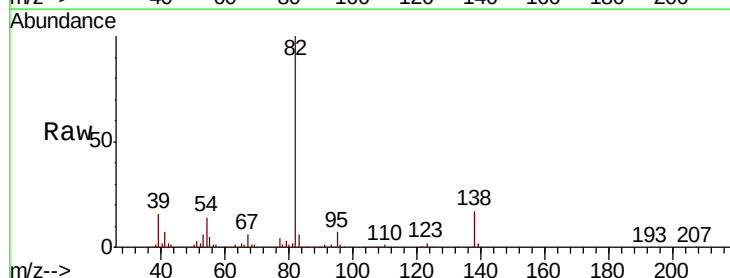
Ion	Ratio	Lower	Upper
77	100		
123	44.1	35.8	53.8
65	13.6	10.9	16.3

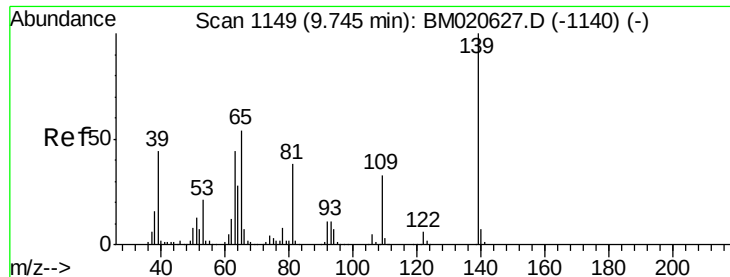


#25
 Isophorone
 Concen: 38.140 ng
 RT: 9.55 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion: 82 Resp: 1966467

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.6
138	17.5	14.5	21.7





#26

2-Nitrophenol

Concen: 47.023 ng

RT: 9.73 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

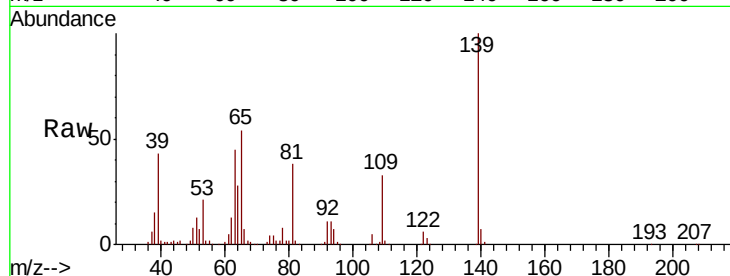
Tot Ion:139 Resp: 463723

Ion Ratio Lower Upper

139 100

109 32.9 26.8 40.2

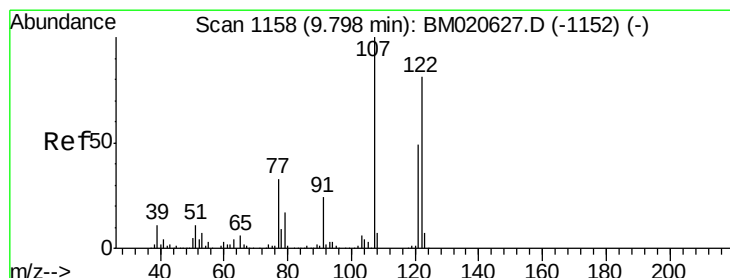
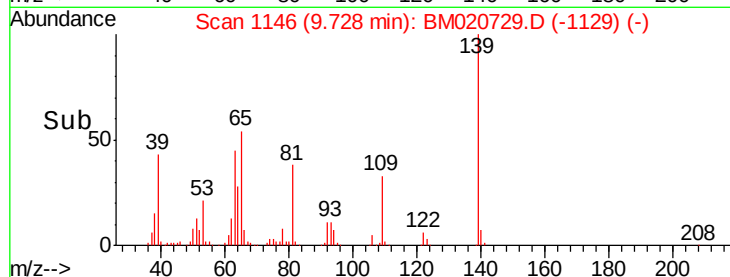
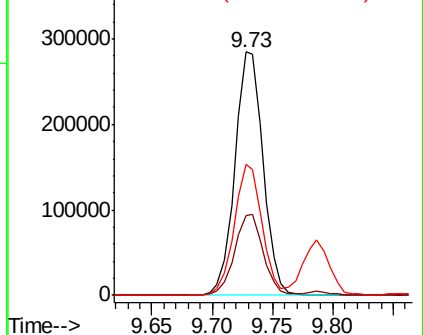
65 53.5 42.6 63.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#27

2,4-Dimethylphenol

Concen: 48.137 ng

RT: 9.79 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

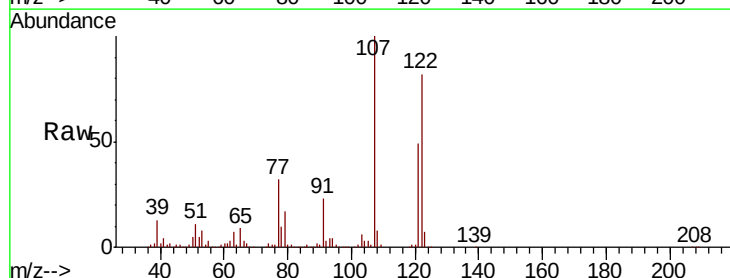
Tgt Ion:122 Resp: 889530

Ion Ratio Lower Upper

122 100

107 121.4 97.8 146.6

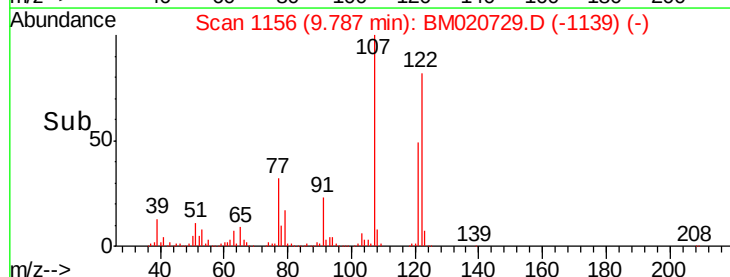
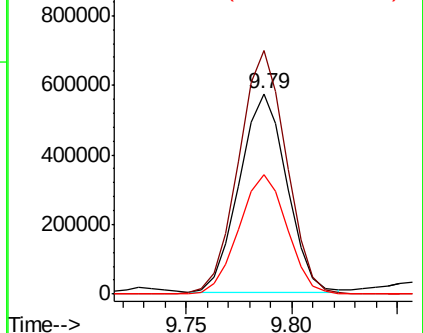
121 59.8 48.5 72.7

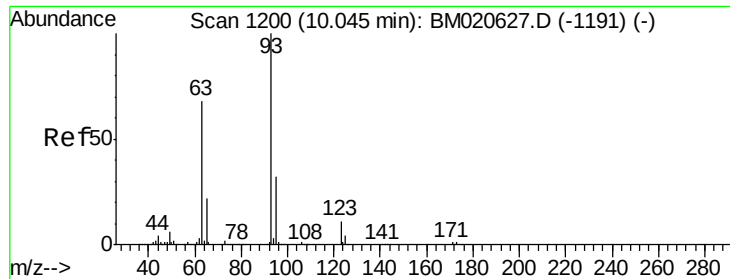


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

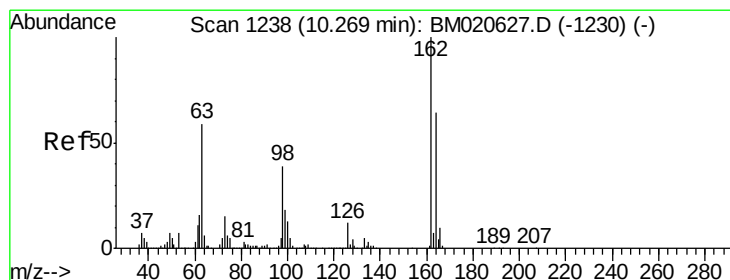
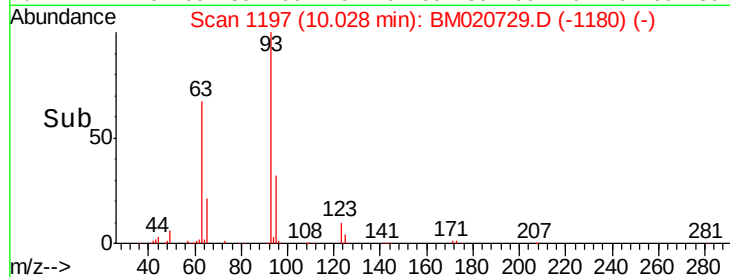
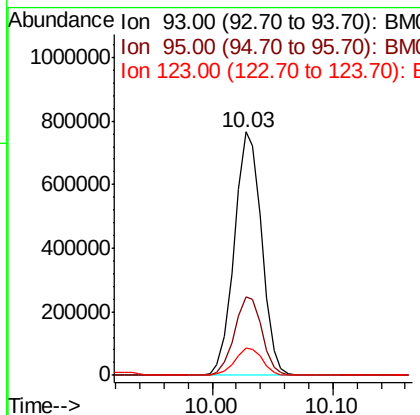
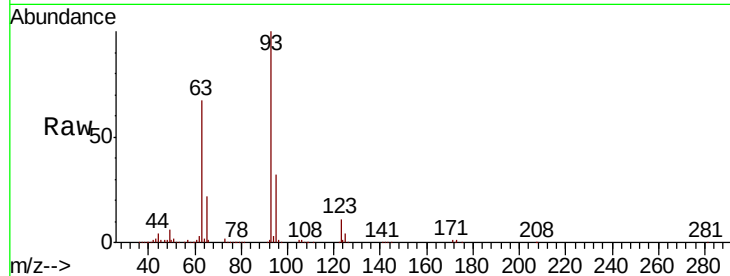




#28
 bis(2-Chloroethoxy)methane
 Concen: 38.772 ng
 RT: 10.03 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

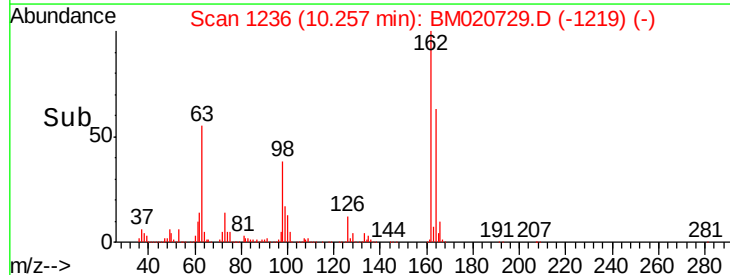
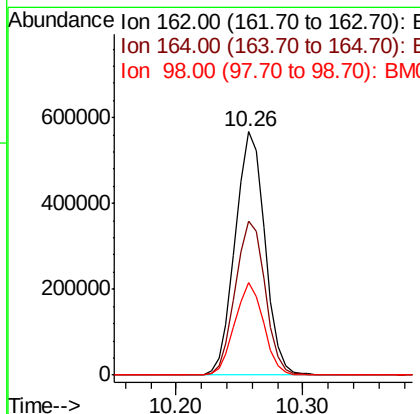
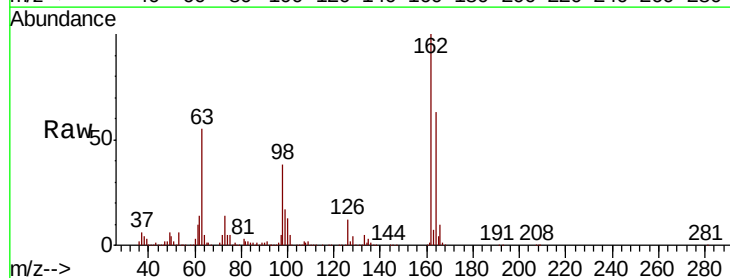
Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

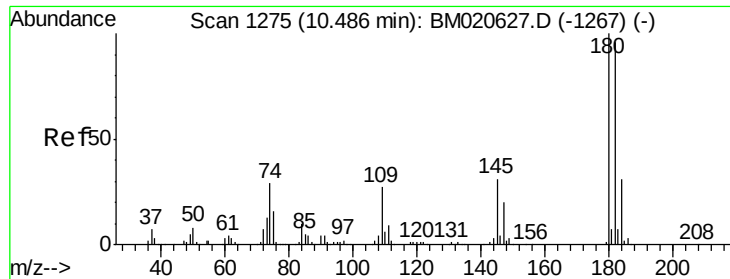
Tot Ion: 93 Resp: 1208674
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.4 38.0
 123 11.1 8.8 13.2



#29
 2,4-Dichlorophenol
 Concen: 45.058 ng
 RT: 10.26 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion: 162 Resp: 921200
 Ion Ratio Lower Upper
 162 100
 164 63.4 45.5 85.5
 98 38.0 16.7 56.7

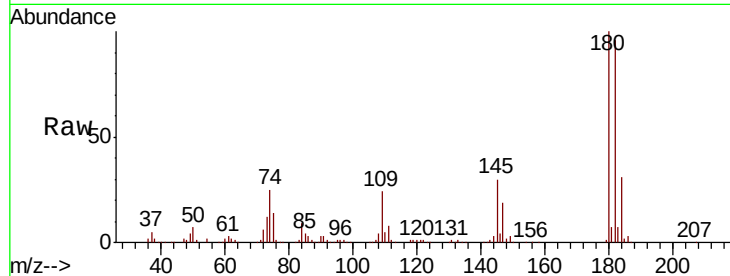




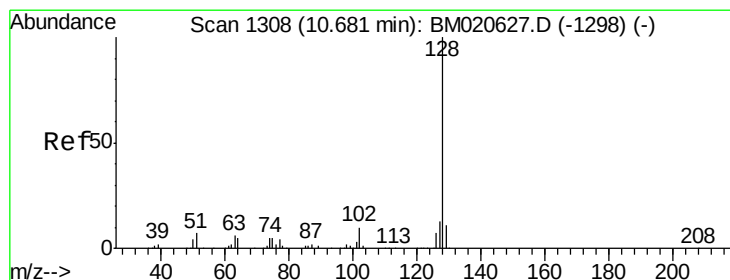
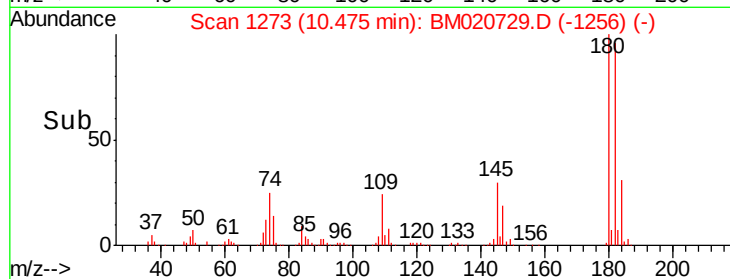
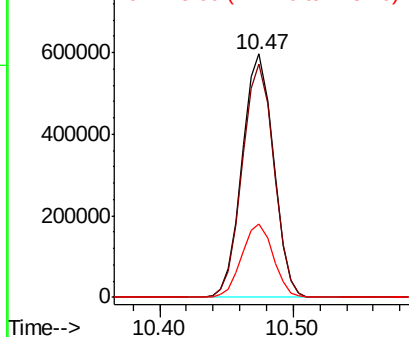
#30
 1,2,4-Trichlorobenzene
 Concen: 41.266 ng
 RT: 10.47 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.8	116.8
145	29.9	24.3	36.5

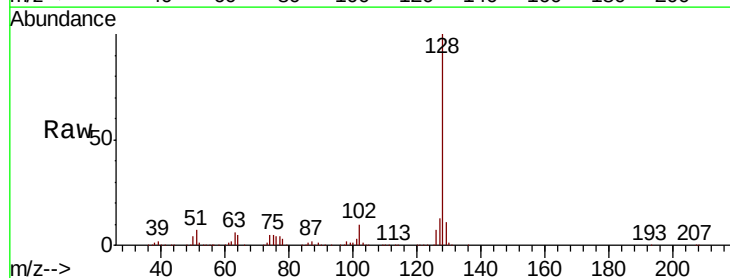


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

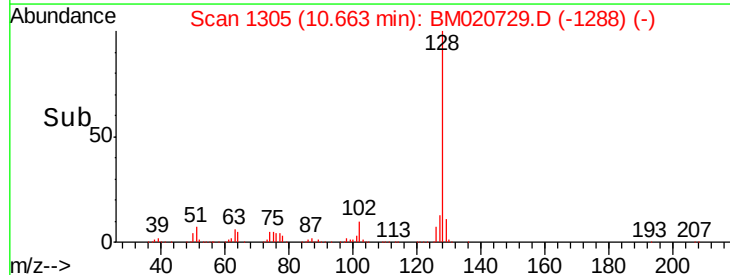
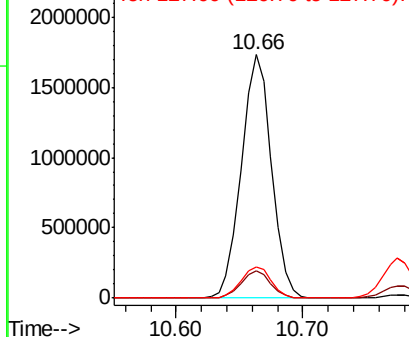


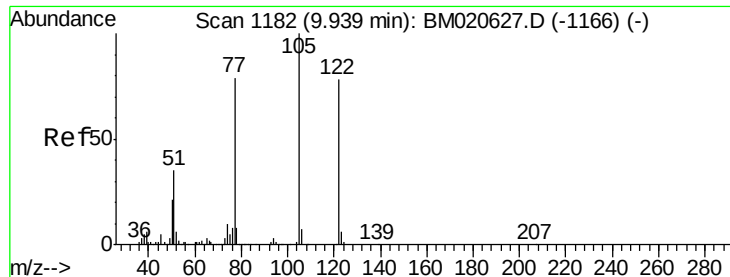
#31
 Naphthalene
 Concen: 41.178 ng
 RT: 10.66 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	12.9	10.5	15.7



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: 40.422 ng

RT: 9.93 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

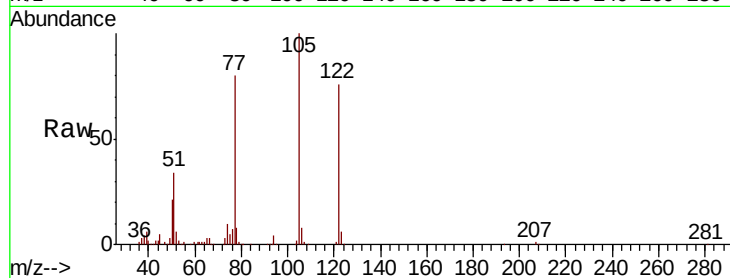
Tot Ion:122 Resp: 459602

Ion Ratio Lower Upper

122 100

105 132.2 108.0 148.0

77 105.7 82.2 122.2

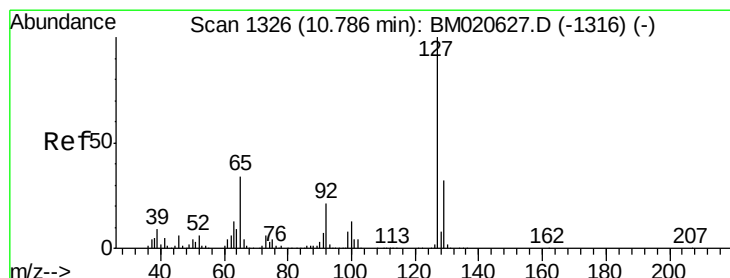
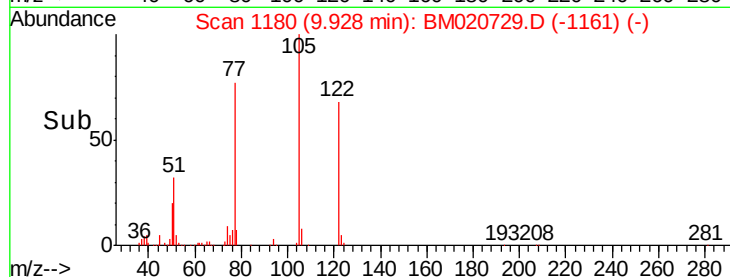
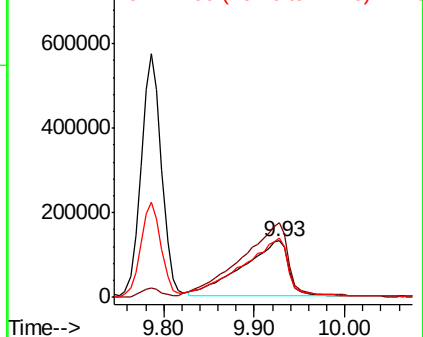


Abundance

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: 14.900 ng

RT: 10.77 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Tgt Ion:127 Resp: 478888

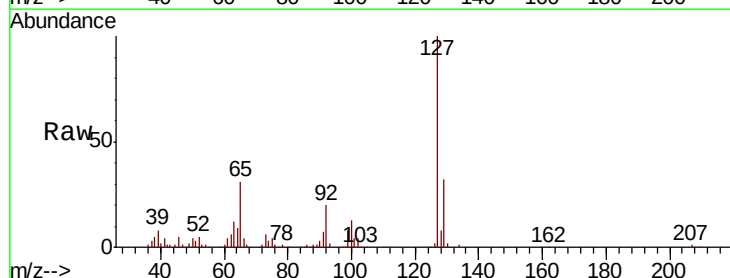
Ion Ratio Lower Upper

127 100

129 31.6 25.4 38.2

65 31.2 25.3 37.9

92 20.4 16.4 24.6



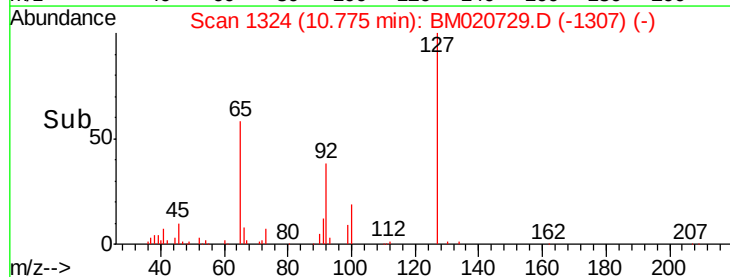
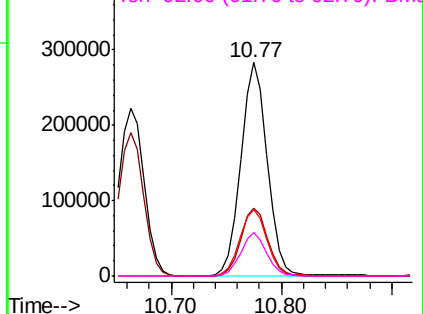
Abundance

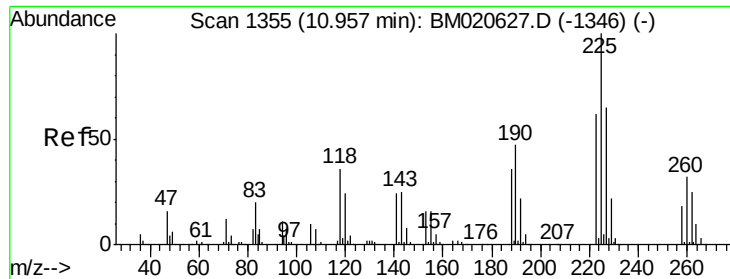
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM





#34

Hexachlorobutadiene

Concen: 40.252 ng

RT: 10.94 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

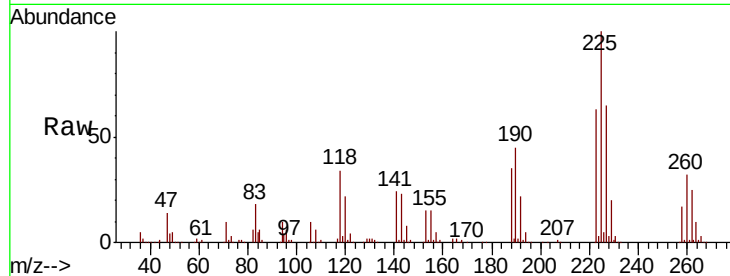
Tot Ion:225 Resp: 567768

Ion Ratio Lower Upper

225 100

223 63.0 49.6 74.4

227 64.5 51.0 76.4

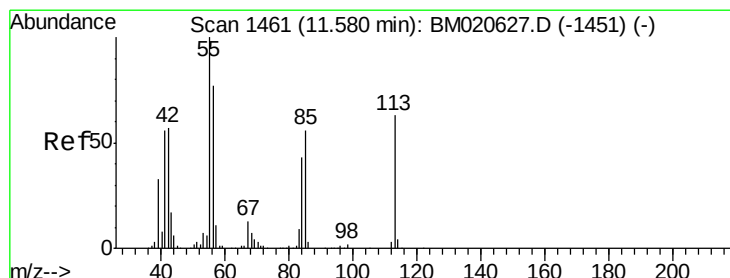
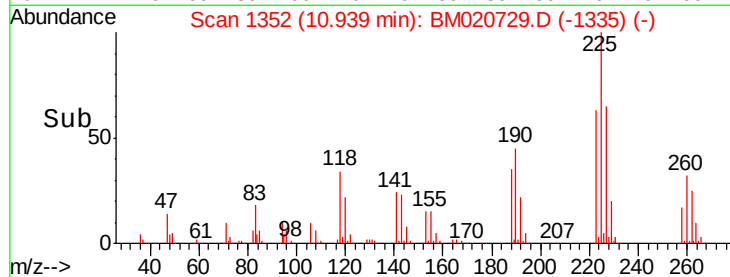
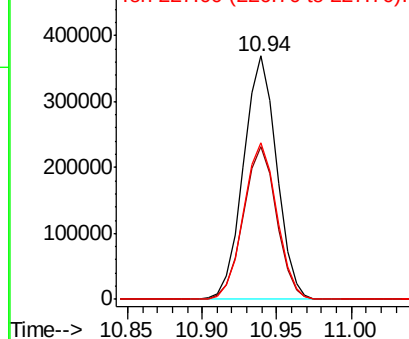


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 24.177 ng

RT: 11.57 min Scan# 1459

Delta R.T. 0.01 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

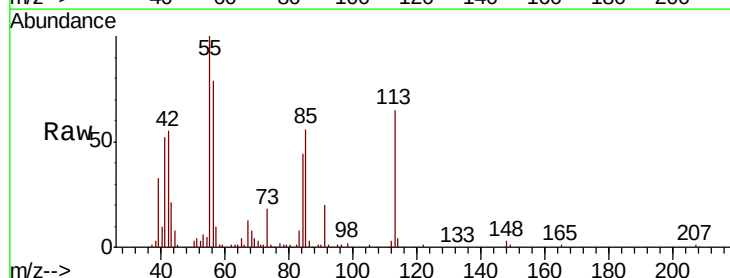
Tgt Ion:113 Resp: 171721

Ion Ratio Lower Upper

113 100

55 153.3 141.1 181.1

56 120.9 105.0 145.0

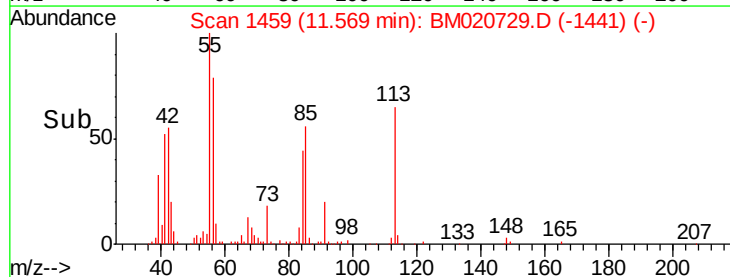
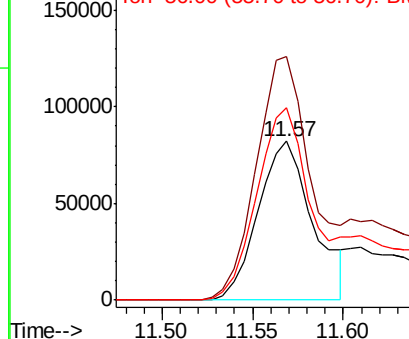


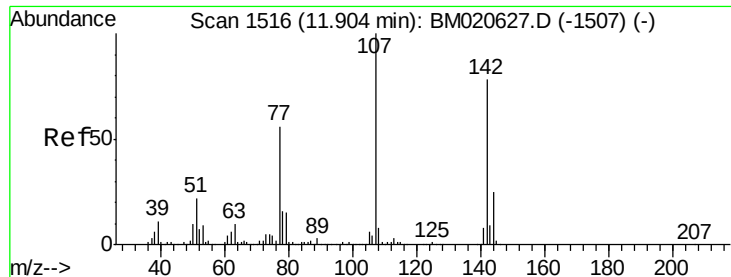
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM

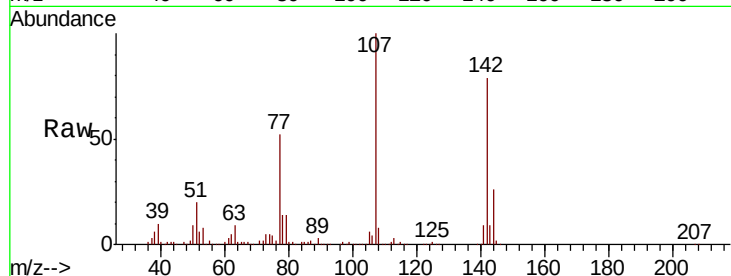




#36
4-Chloro-3-methylphenol
Concen: 40.036 ng
RT: 11.90 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.6	31.0
142	79.3	63.3	94.9

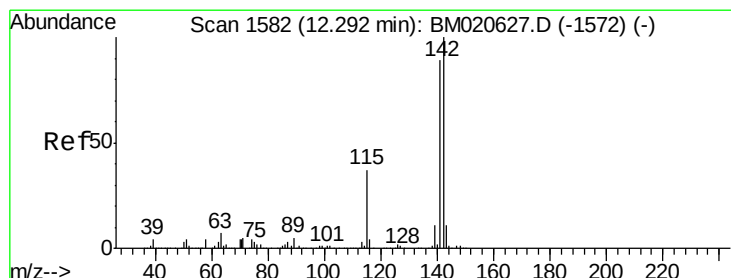
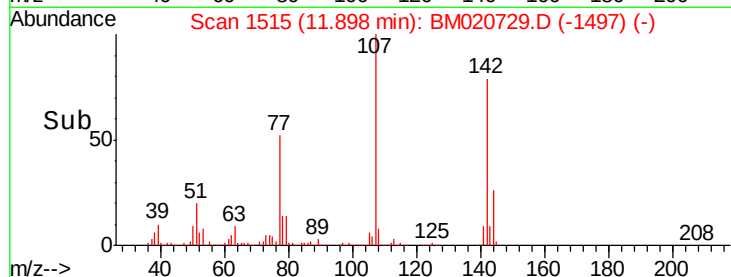
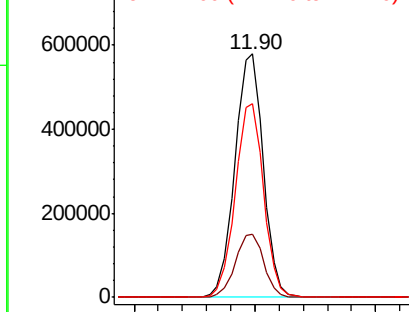


Abundance

Ion 107.00 (106.70 to 107.70): E

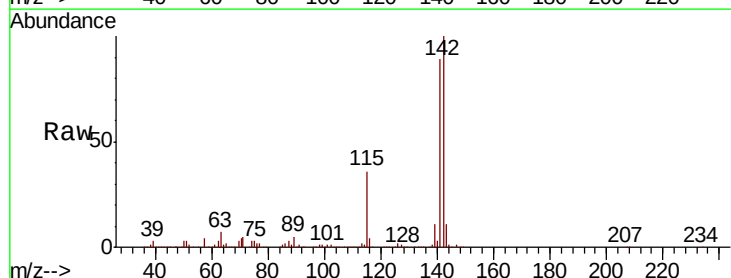
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
2-Methylnaphthalene
Concen: 41.089 ng
RT: 12.27 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.0
115	36.0	28.2	42.4

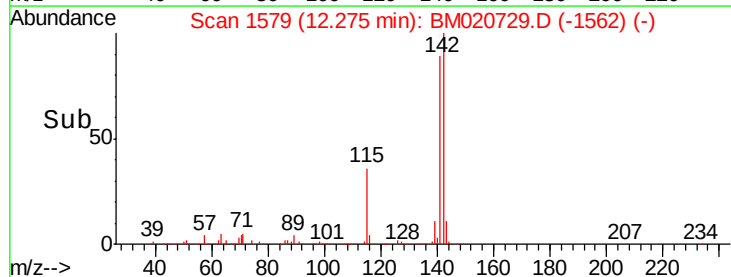
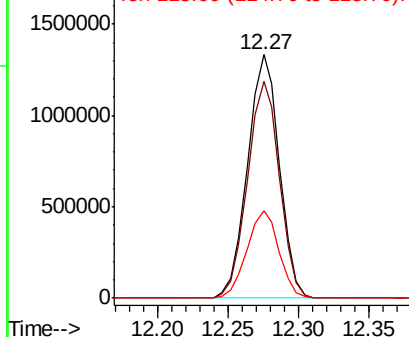


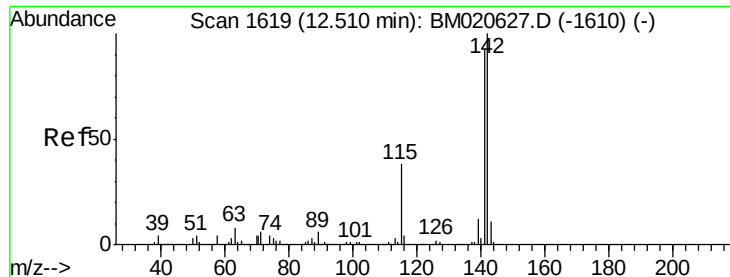
Abundance

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

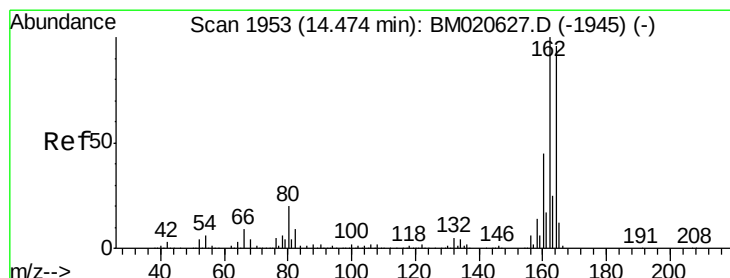
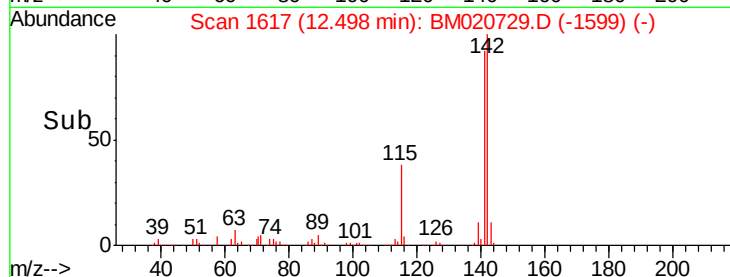
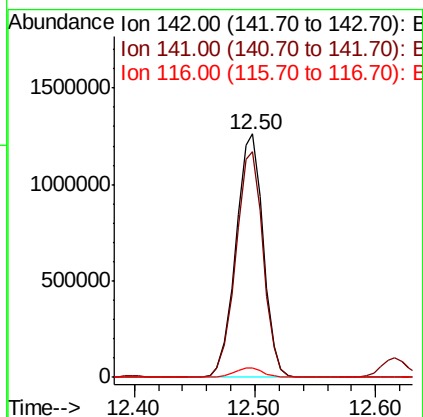
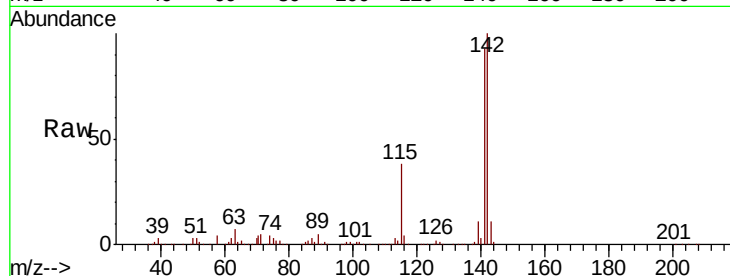




#38
1-Methylnaphthalene
Concen: 40.791 ng
RT: 12.50 min Scan# 1617
Delta R.T. 0.01 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

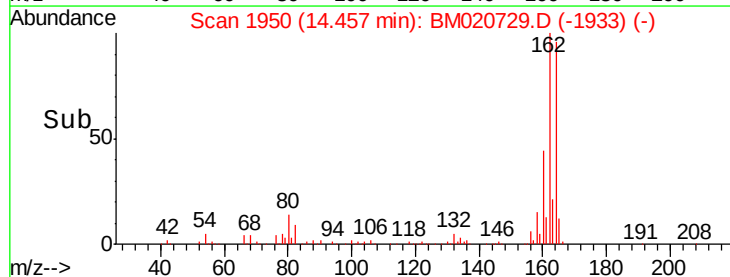
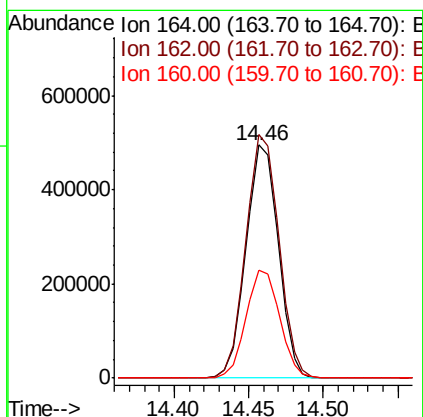
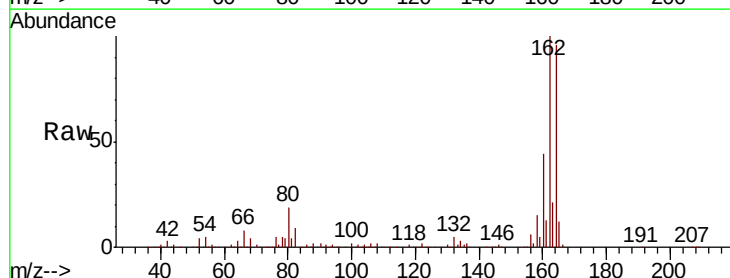
Instrument :
BNA_M
ClientSampleId :
PB120082BSD

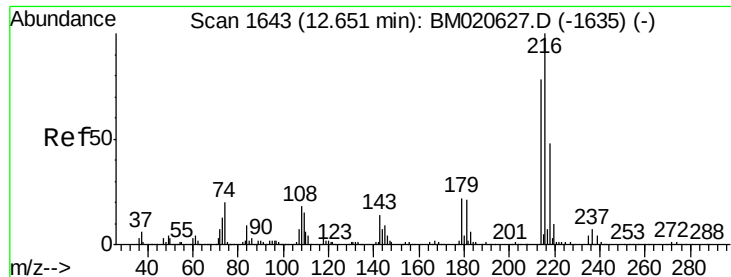
Tot Ion:142 Resp: 1988178
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1
116 3.9 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion:164 Resp: 742503
Ion Ratio Lower Upper
164 100
162 104.4 83.5 125.3
160 46.0 37.2 55.8





#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.632 ng

RT: 12.64 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

Tot Ion:216 Resp: 1086000

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.1	94.7
179	21.7	17.3	25.9
108	20.2	14.6	22.0

216 100

214 78.8 63.1 94.7

179 21.7 17.3 25.9

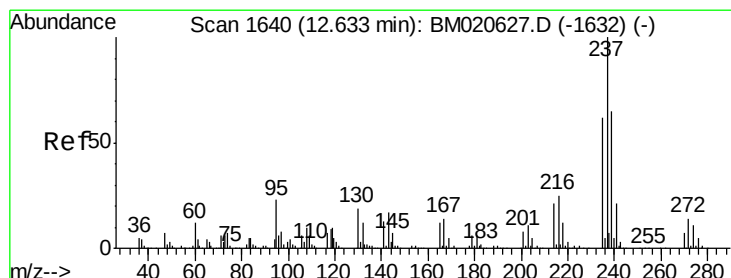
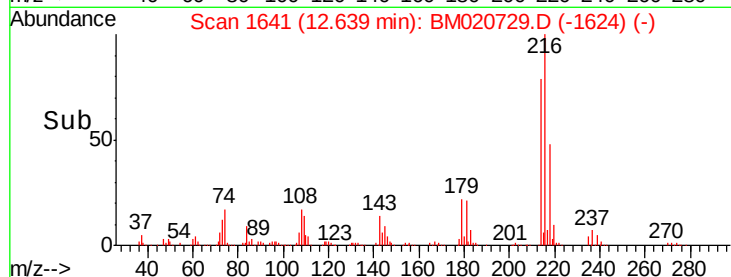
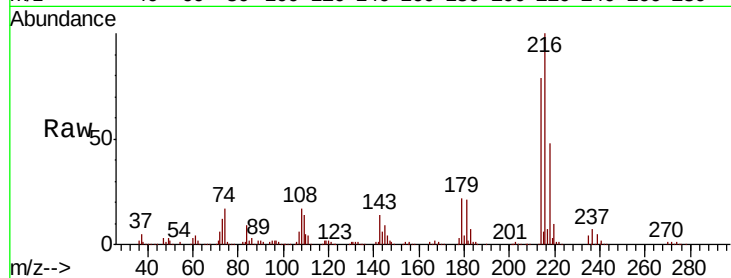
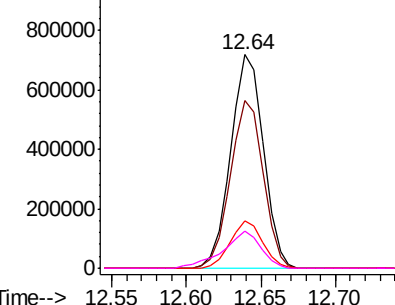
108 20.2 14.6 22.0

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: 85.747 ng

RT: 12.62 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Tgt Ion:237 Resp: 1247851

Ion	Ratio	Lower	Upper
237	100		
235	62.9	41.7	81.7
272	13.2	0.0	33.0

237 100

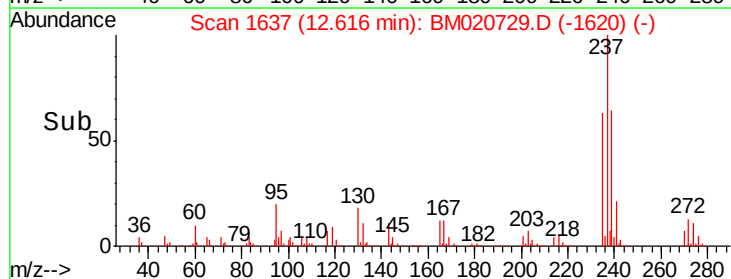
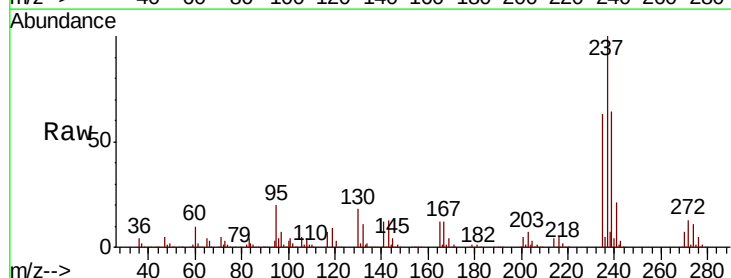
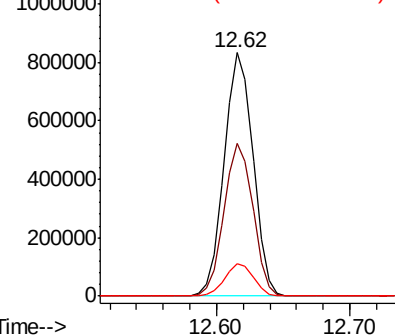
235 62.9 41.7 81.7

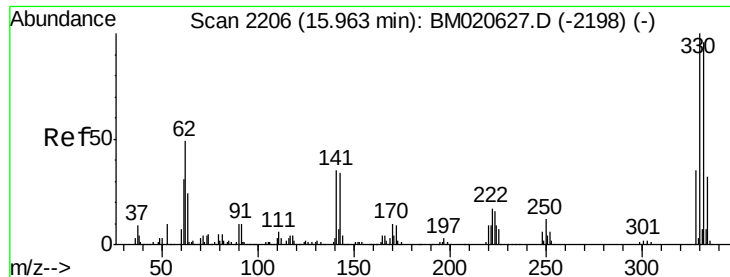
272 13.2 0.0 33.0

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

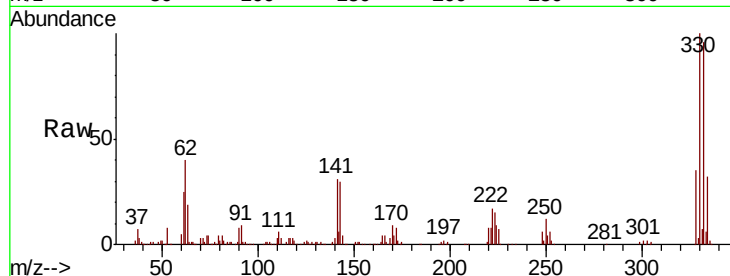




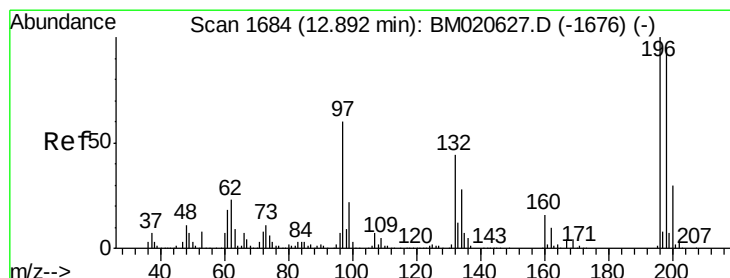
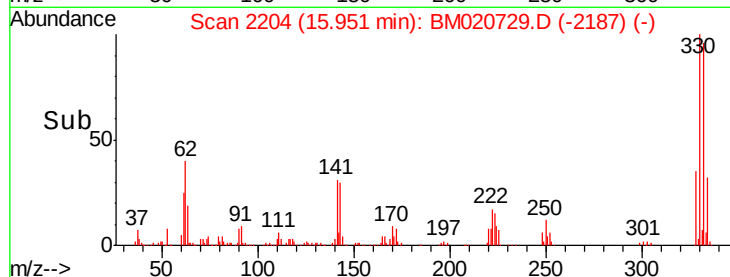
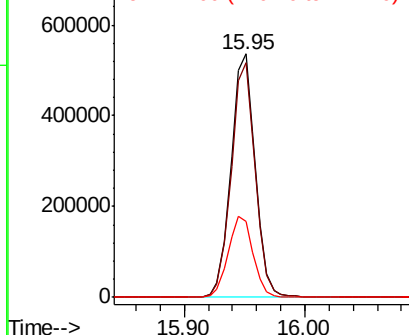
#42
 2,4,6-Tribromophenol
 Concen: 81.304 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tot Ion:330 Resp: 747963
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.4
 141 34.3 27.7 41.5

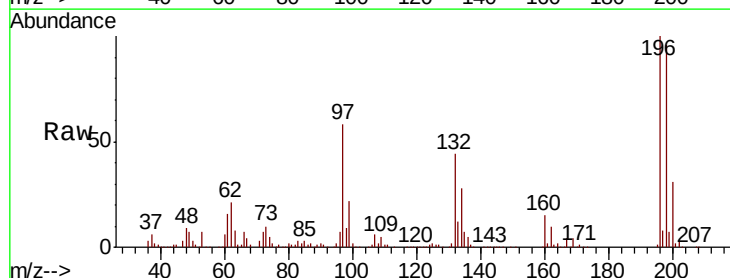


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

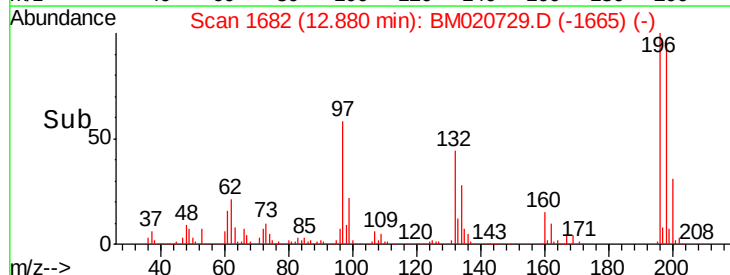
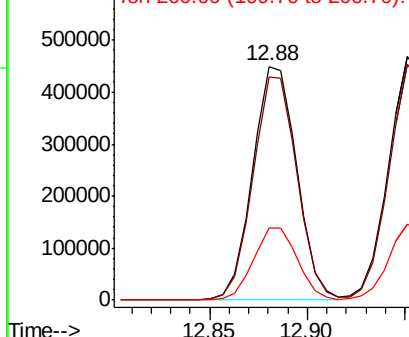


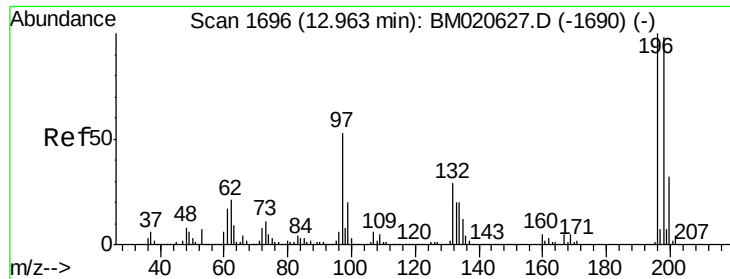
#43
 2,4,6-Trichlorophenol
 Concen: 44.901 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion:196 Resp: 703256
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.4 114.6
 200 30.6 24.6 37.0



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

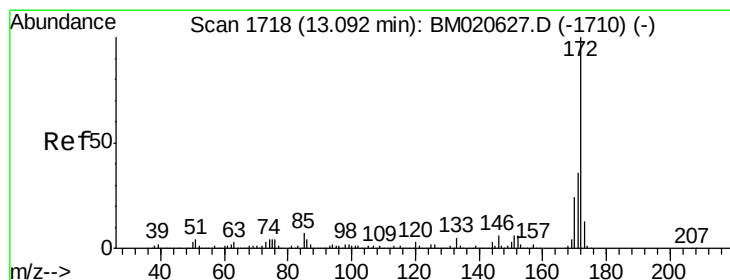
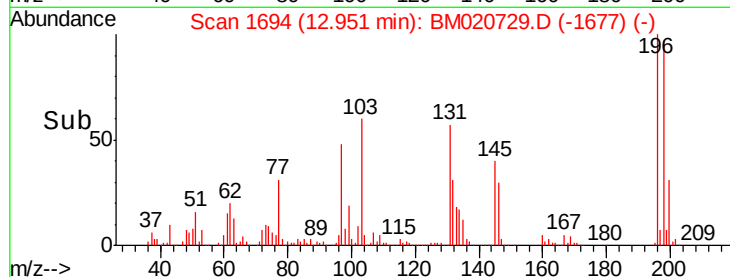
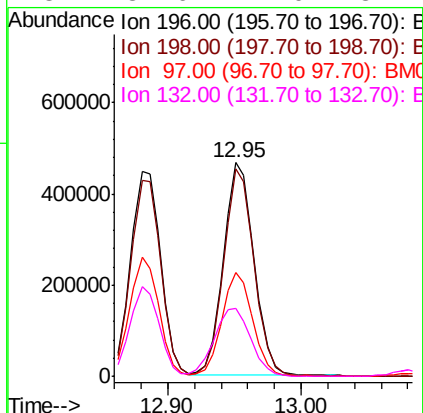
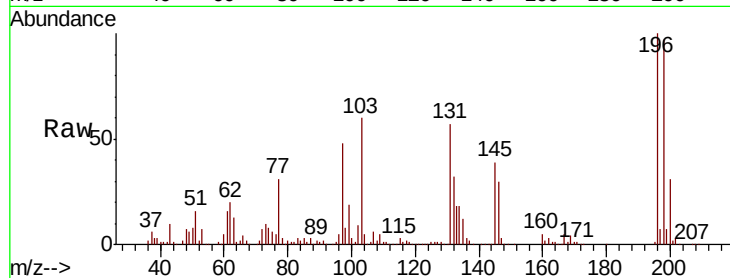




#44
2,4,5-Trichlorophenol
Concen: 46.388 ng
RT: 12.95 min Scan# 1694
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

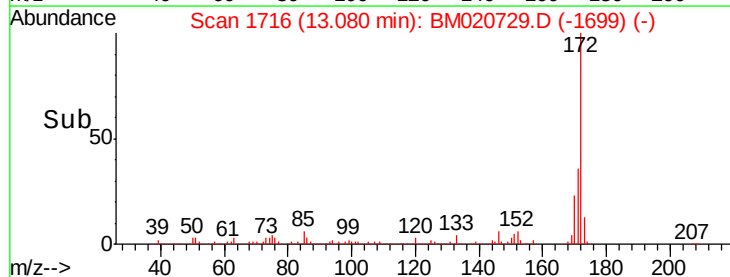
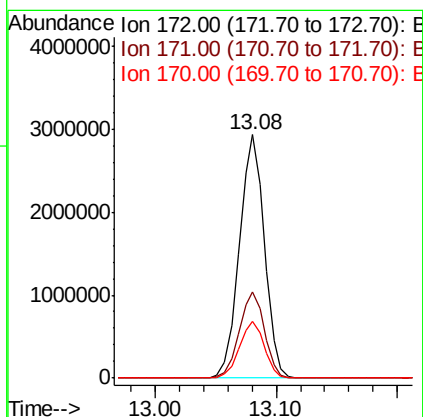
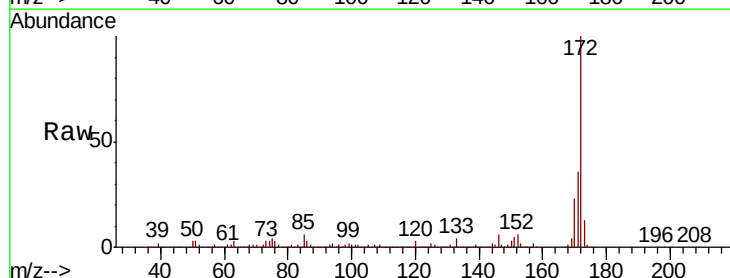
Instrument :
BNA_M
ClientSampleId :
PB120082BSD

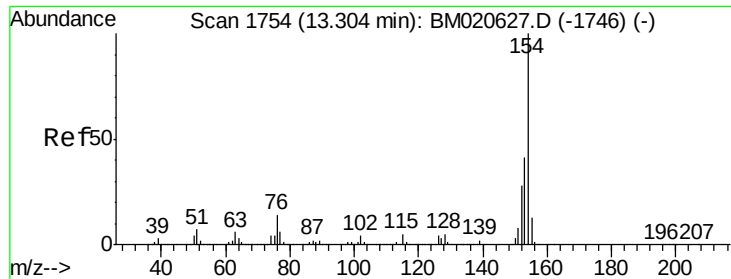
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.0	114.0
97	48.4	39.8	59.8
132	31.6	21.0	31.4



#45
2-Fluorobiphenyl
Concen: 75.770 ng
RT: 13.08 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.3	18.5	27.7



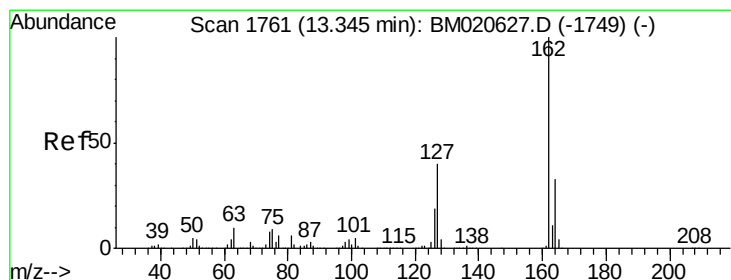
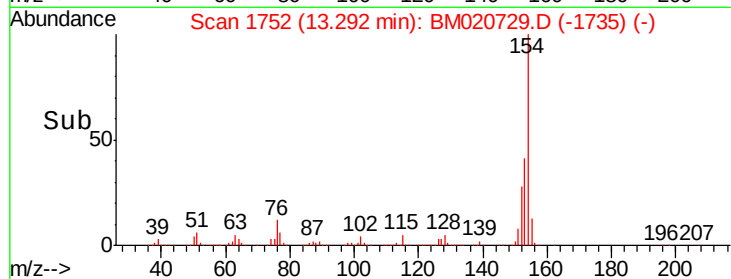
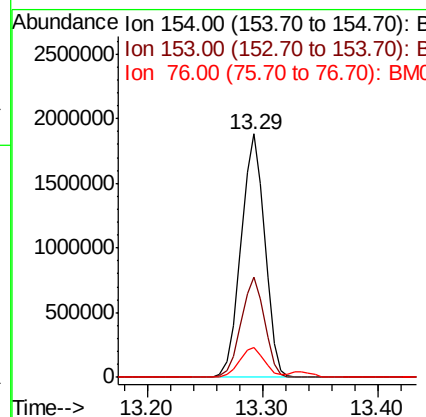
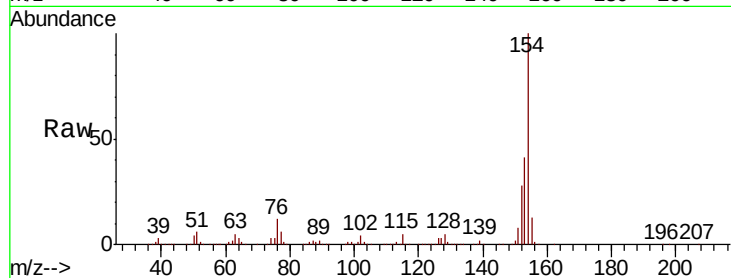


#46
 1,1'-Biphenyl
 Concen: 43.047 ng
 RT: 13.29 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tot Ion:154 Resp: 2669409

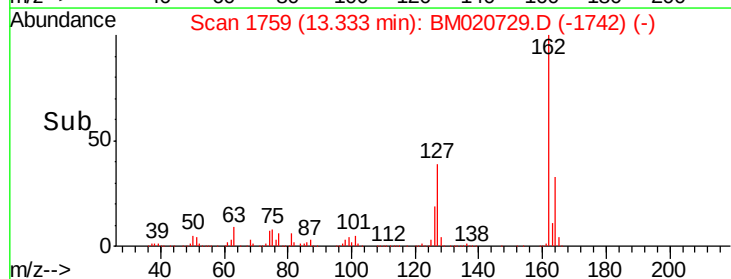
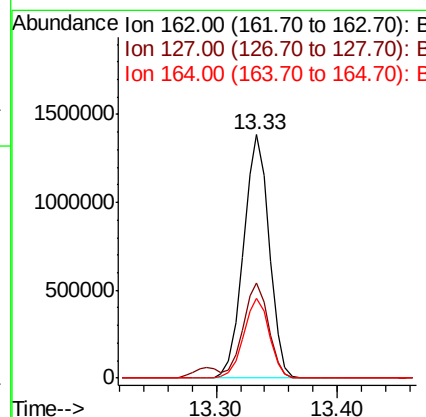
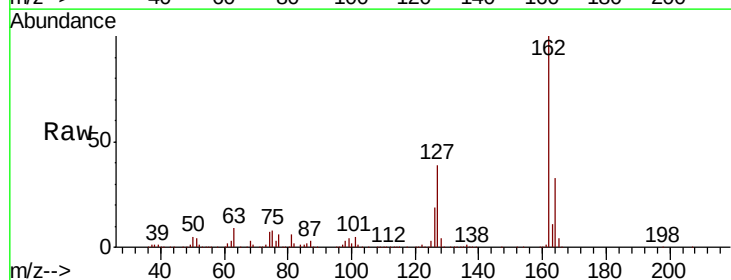
Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.7	60.7
76	12.4	0.0	32.5

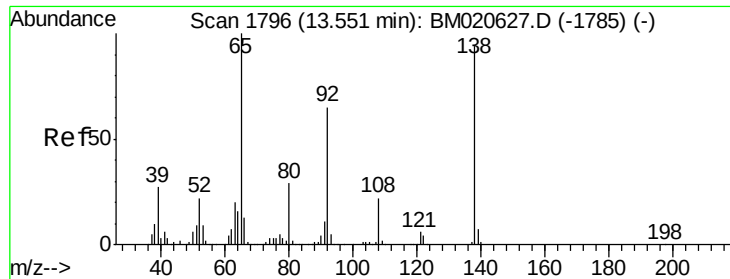


#47
 2-Chloronaphthalene
 Concen: 41.065 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion:162 Resp: 2055238

Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.1	46.7
164	33.0	26.1	39.1

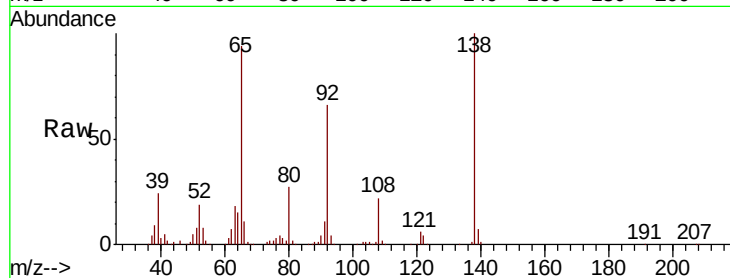




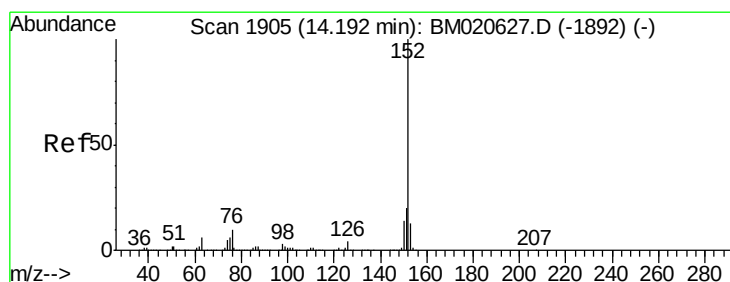
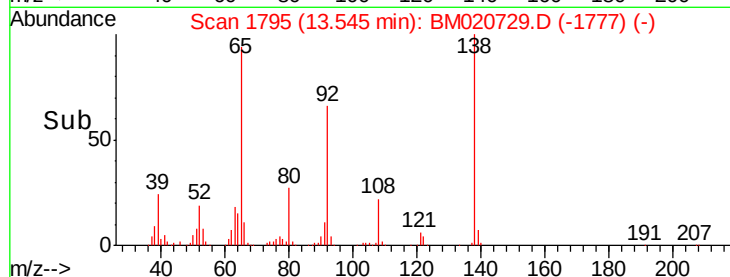
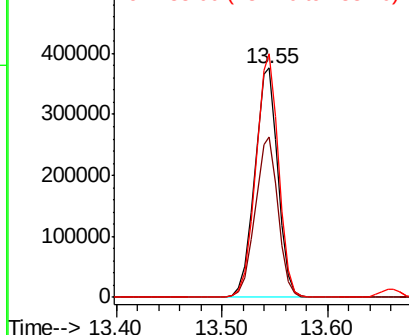
#48
2-Nitroaniline
Concen: 36.721 ng
RT: 13.55 min Scan# 1795
Delta R.T. 0.01 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion: 65 Resp: 576830
Ion Ratio Lower Upper
65 100
92 69.8 55.2 82.8
138 106.2 82.6 124.0

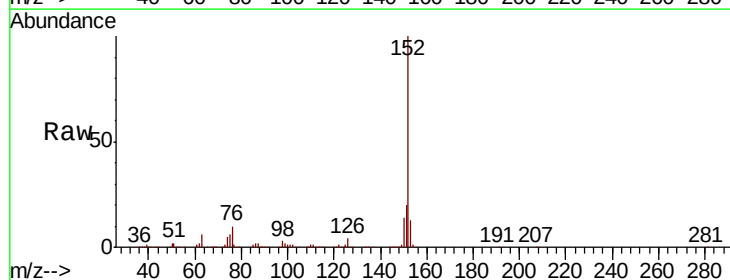


Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E

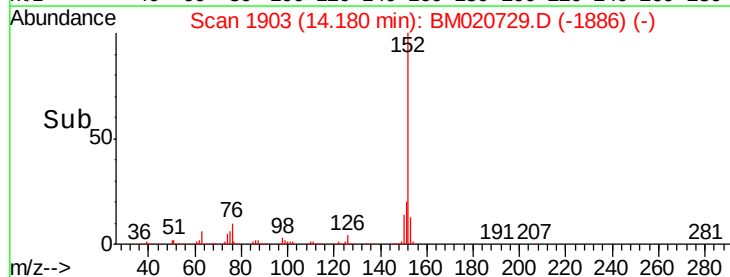
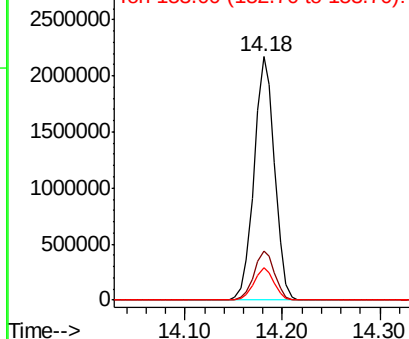


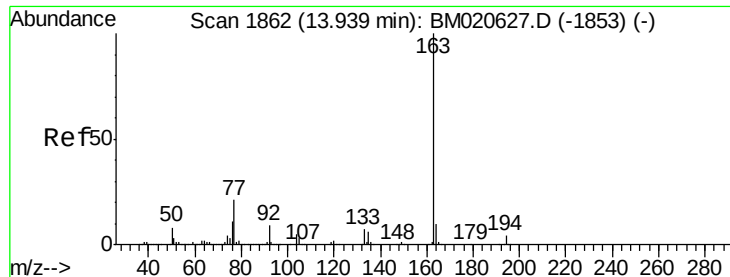
#49
Acenaphthylene
Concen: 41.356 ng
RT: 14.18 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion: 152 Resp: 3229580
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.4 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: 39.659 ng

RT: 13.92 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

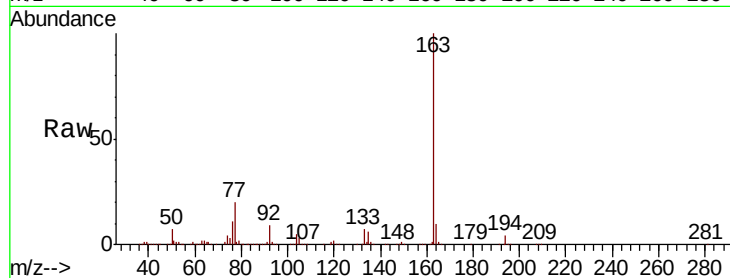
Tot Ion:163 Resp: 2515772

Ion Ratio Lower Upper

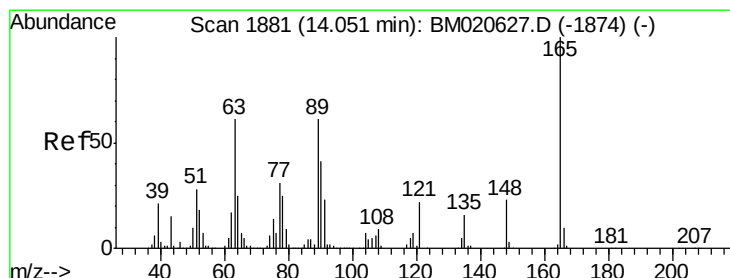
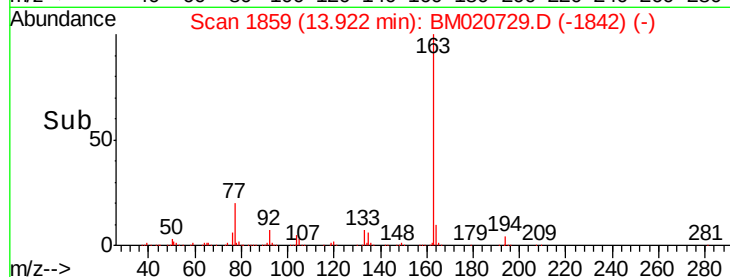
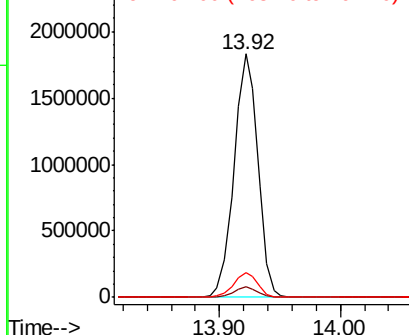
163 100

194 4.1 3.2 4.8

164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
2500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 41.653 ng

RT: 14.05 min Scan# 1880

Delta R.T. 0.01 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

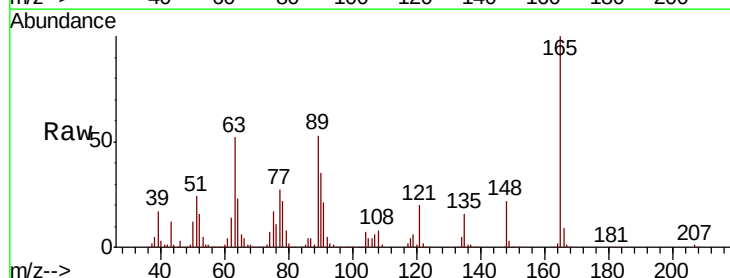
Tgt Ion:165 Resp: 536518

Ion Ratio Lower Upper

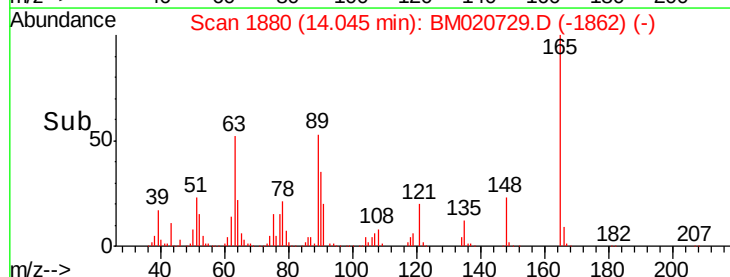
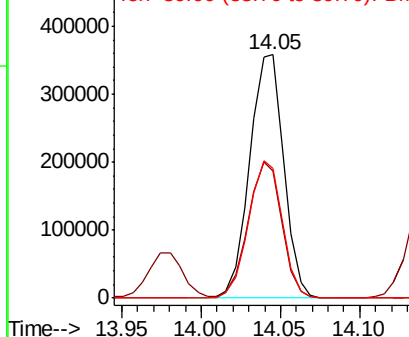
165 100

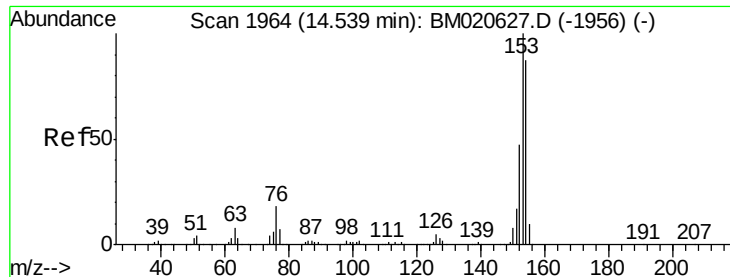
63 52.4 45.0 67.6

89 53.3 43.5 65.3



Abundance Ion 165.00 (164.70 to 165.70): E
500000
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 40.753 ng

RT: 14.52 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

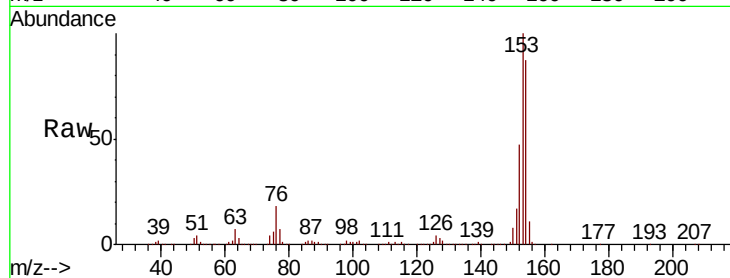
Tot Ion:154 Resp: 1896523

Ion Ratio Lower Upper

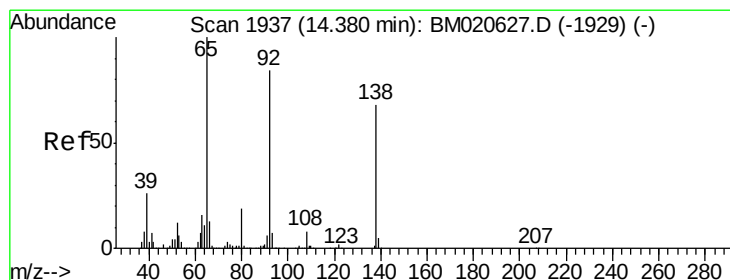
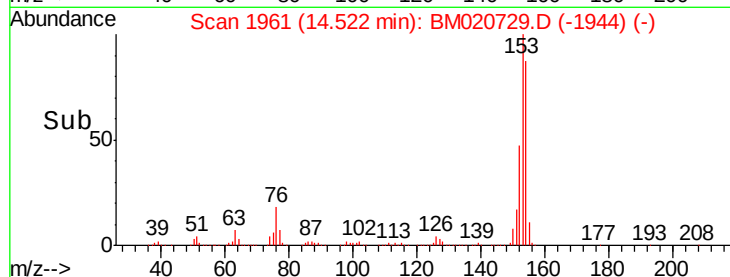
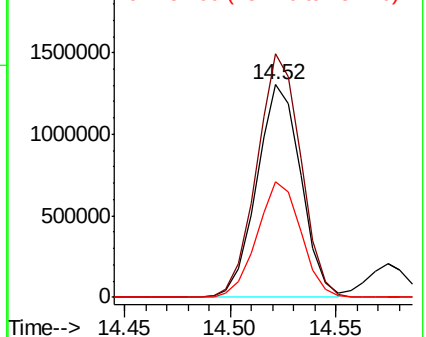
154 100

153 114.6 90.6 135.8

152 54.3 42.6 63.8



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: 23.375 ng

RT: 14.37 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

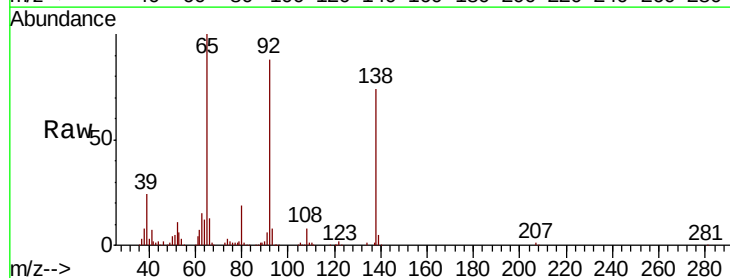
Tgt Ion:138 Resp: 336055

Ion Ratio Lower Upper

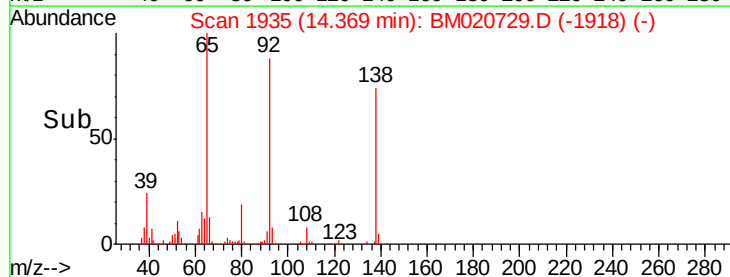
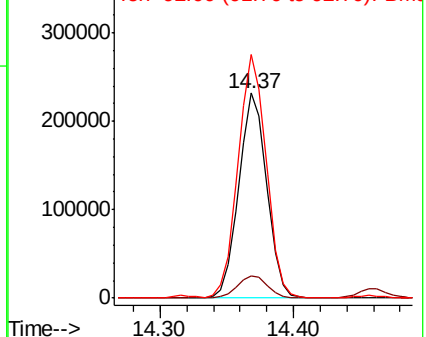
138 100

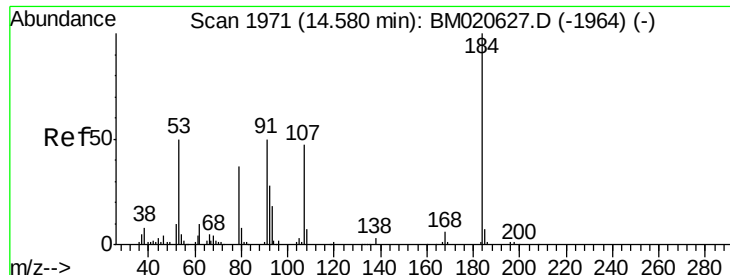
108 11.1 8.9 13.3

92 118.9 95.2 142.8



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): E

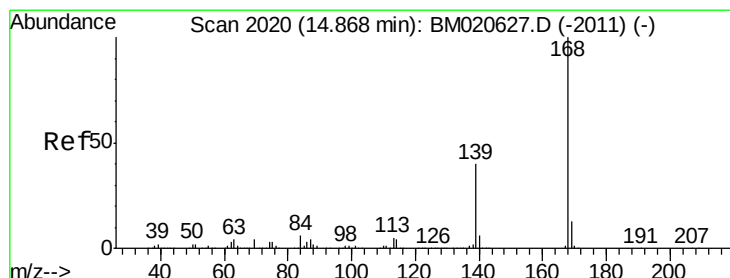
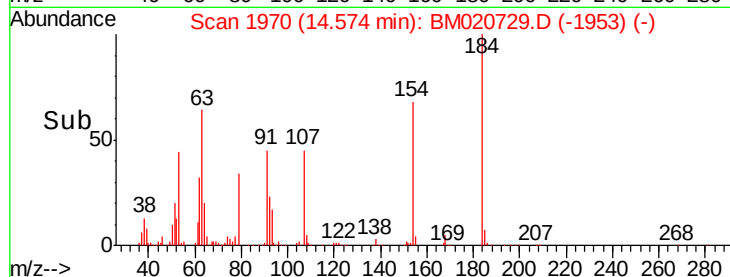
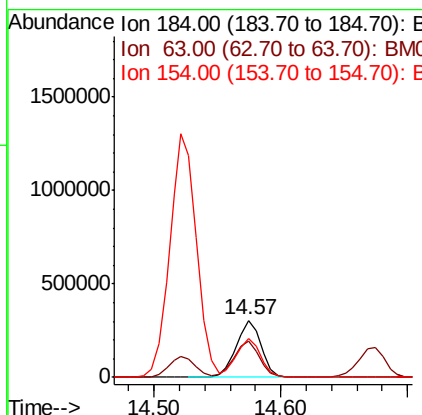
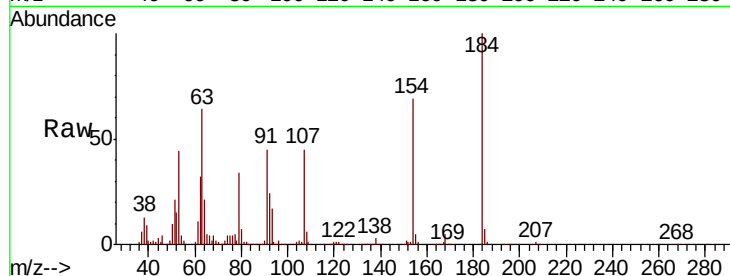




#54
2,4-Dinitrophenol
Concen: 74.931 ng
RT: 14.57 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

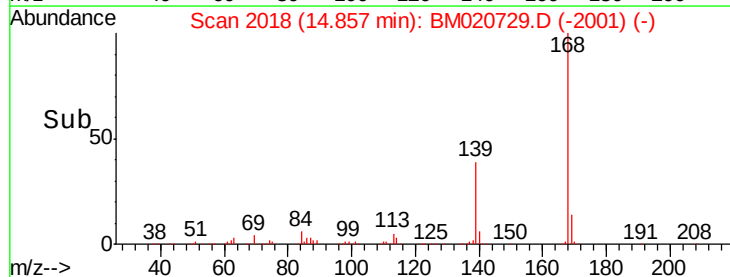
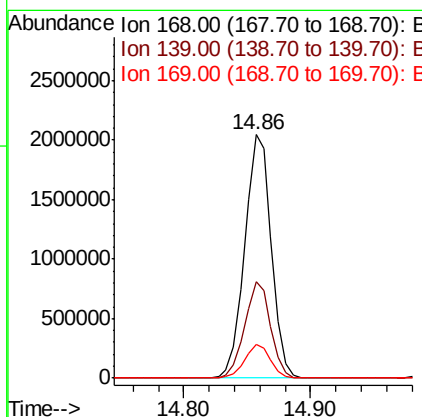
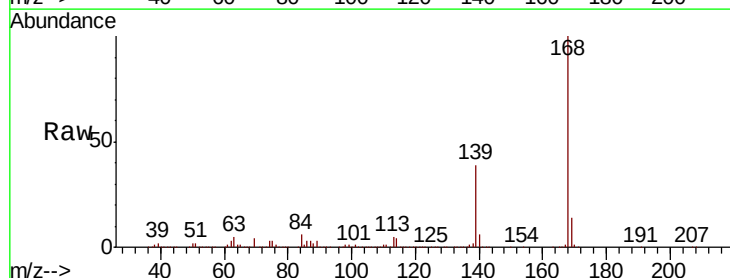
Instrument :
BNA_M
ClientSampleId :
PB120082BSD

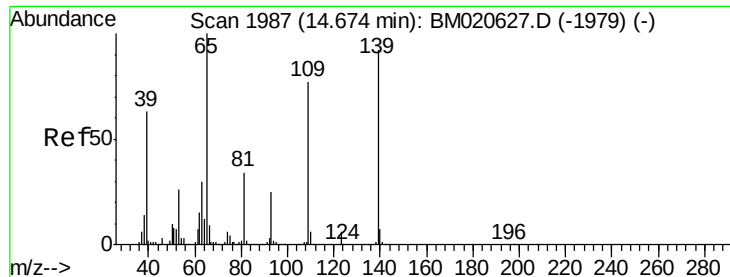
Tot Ion:184 Resp: 412413
Ion Ratio Lower Upper
184 100
63 64.0 49.8 74.8
154 68.5 55.4 83.2



#55
Dibenzofuran
Concen: 40.932 ng
RT: 14.86 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion:168 Resp: 2958503
Ion Ratio Lower Upper
168 100
139 39.4 31.1 46.7
169 13.6 10.6 15.8





#56

4-Nitrophenol

Concen: 76.574 ng

RT: 14.67 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

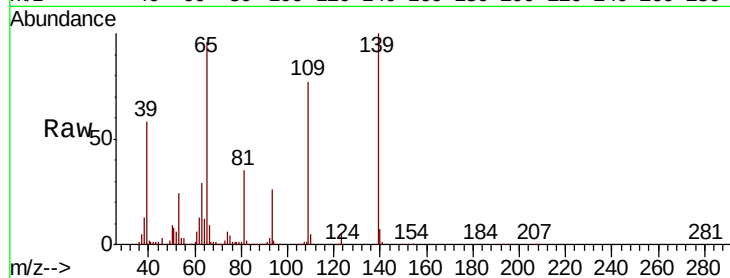
Tot Ion:139 Resp: 811262

Ion Ratio Lower Upper

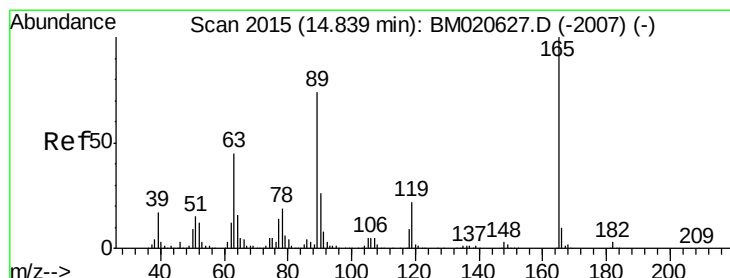
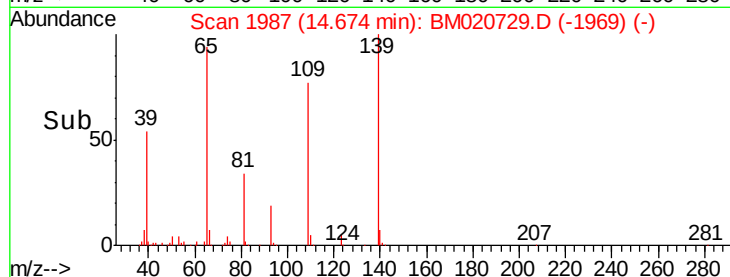
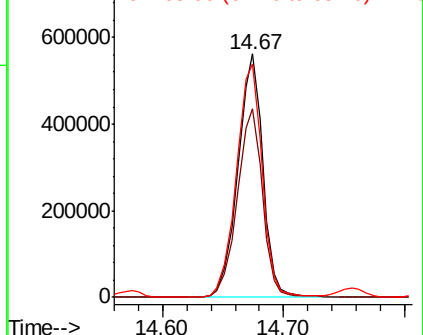
139 100

109 77.5 58.0 98.0

65 96.1 78.3 118.3



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): BM



#57

2,4-Dinitrotoluene

Concen: 40.686 ng

RT: 14.83 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Tgt Ion:165 Resp: 701695

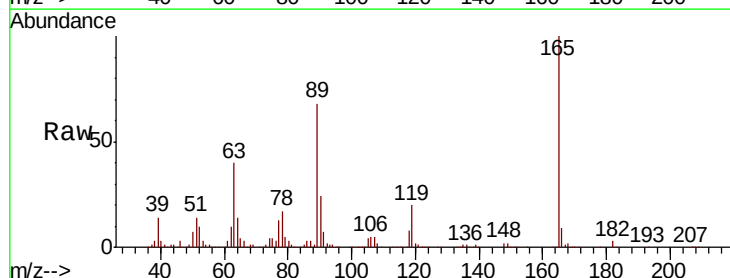
Ion Ratio Lower Upper

165 100

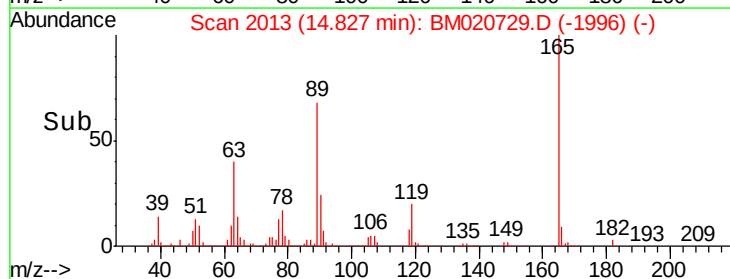
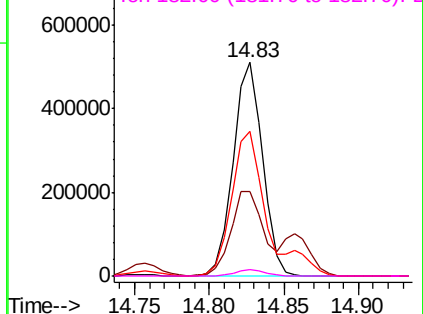
63 39.9 32.8 49.2

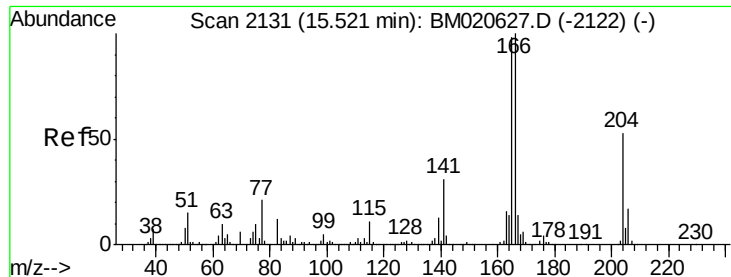
89 67.6 55.9 83.9

182 2.9 2.4 3.6



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

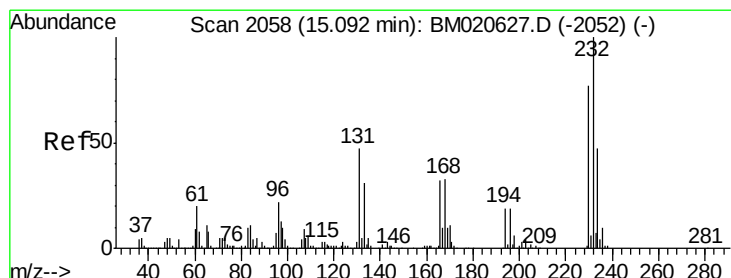
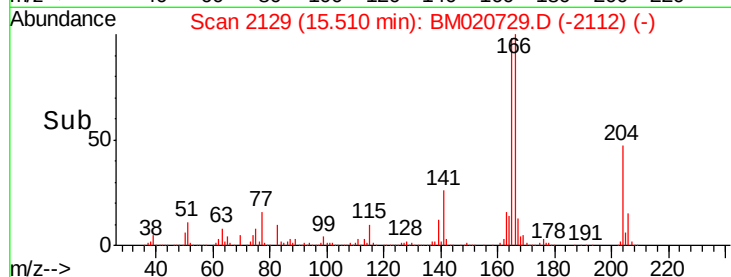
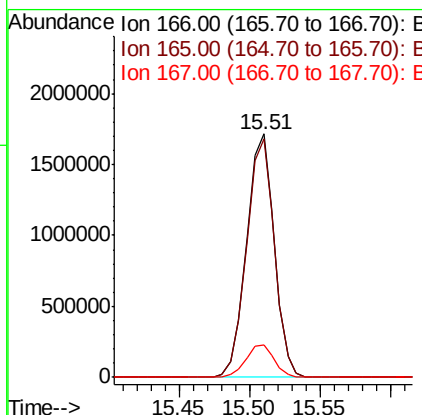
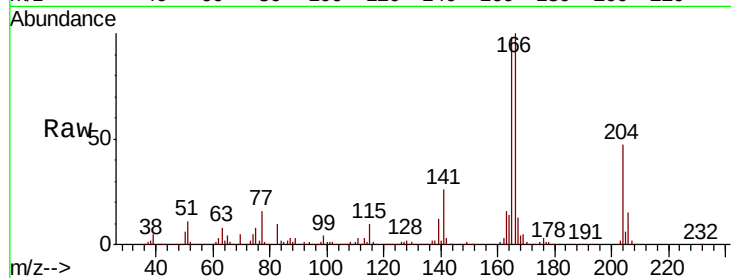




#58
 Fluorene
 Concen: 39.670 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

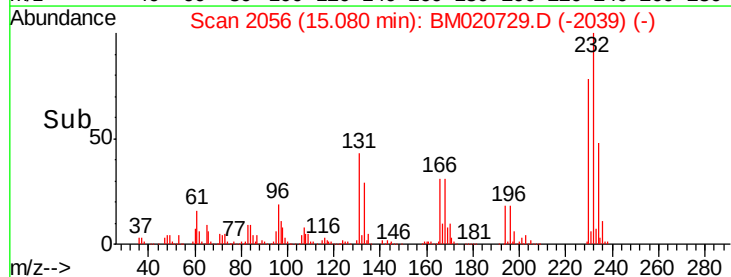
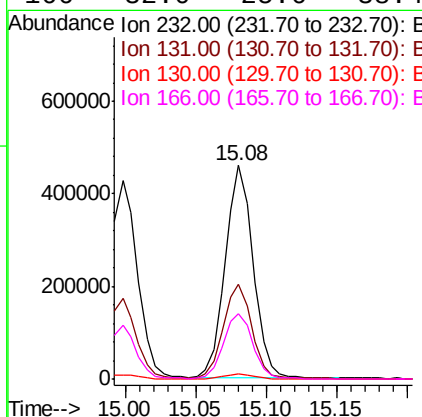
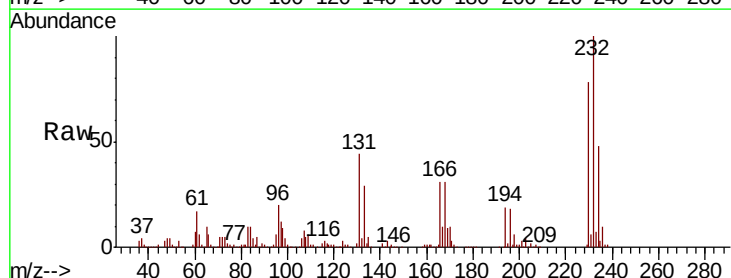
Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

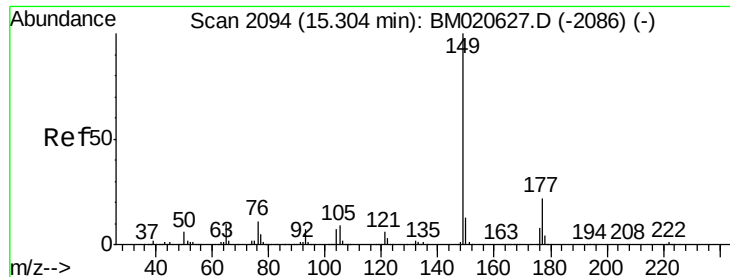
Tot Ion:166 Resp: 2357960
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.4 119.2
 167 13.3 10.8 16.2



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.857 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion:232 Resp: 632039
 Ion Ratio Lower Upper
 232 100
 131 44.7 36.9 55.3
 130 2.4 2.0 3.0
 166 32.0 25.6 38.4

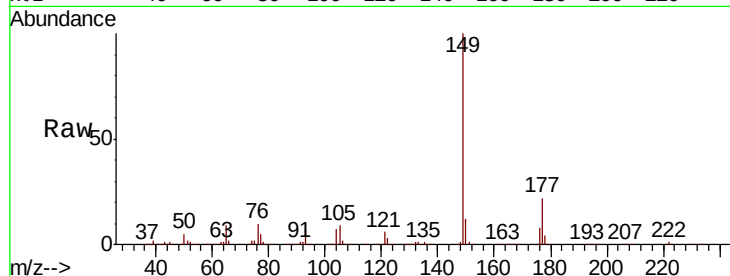




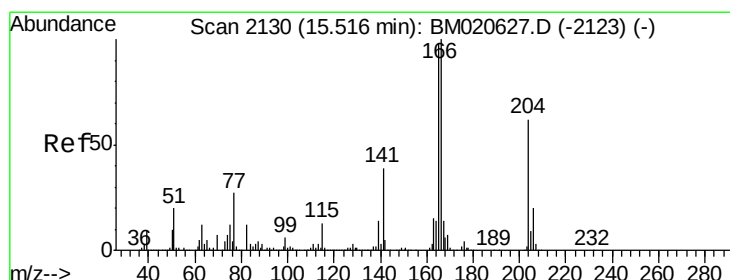
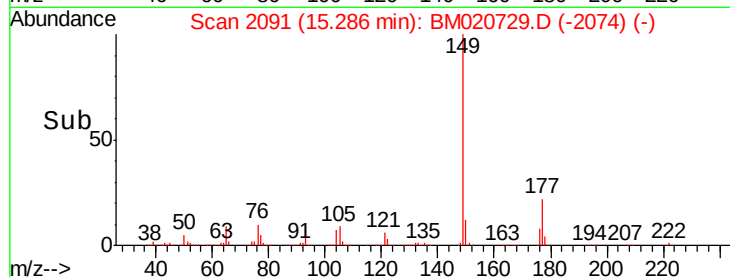
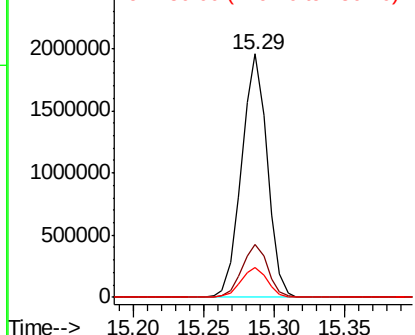
#60
Diethylphthalate
Concen: 37.999 ng
RT: 15.29 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion:149 Resp: 2486061
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.2
150 12.4 10.0 15.0

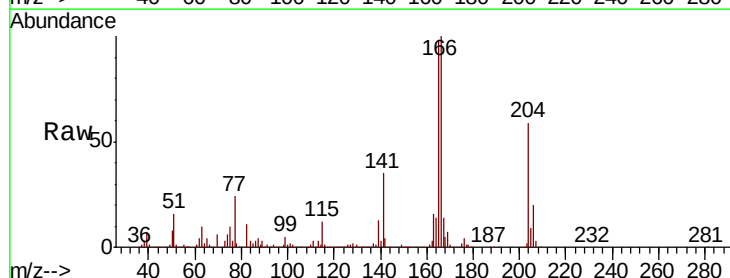


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

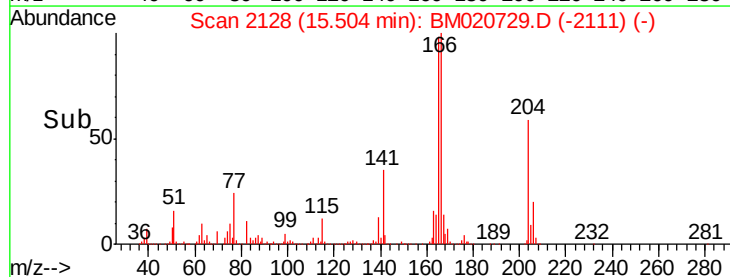
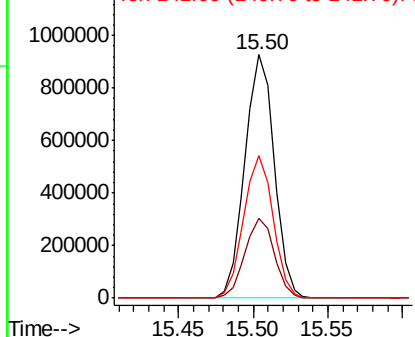


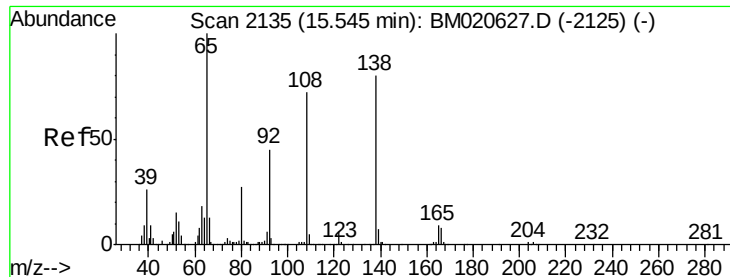
#61
4-Chlorophenyl-phenylether
Concen: 40.044 ng
RT: 15.50 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion:204 Resp: 1260253
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 58.4 46.7 70.1



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

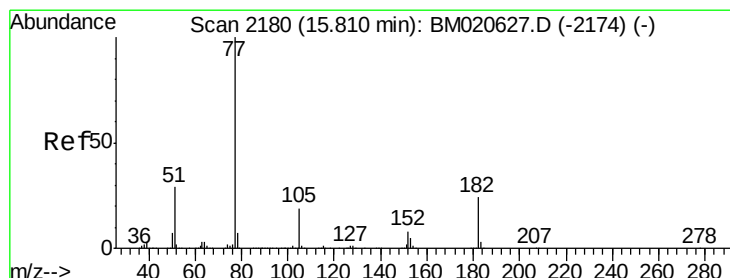
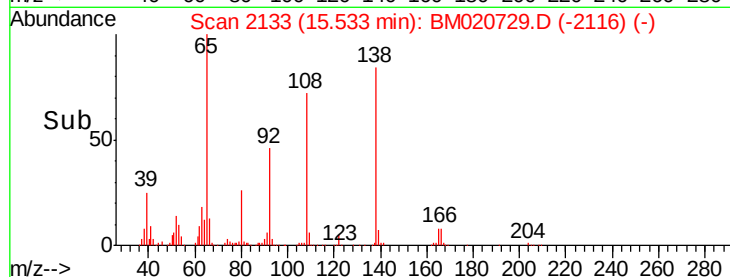
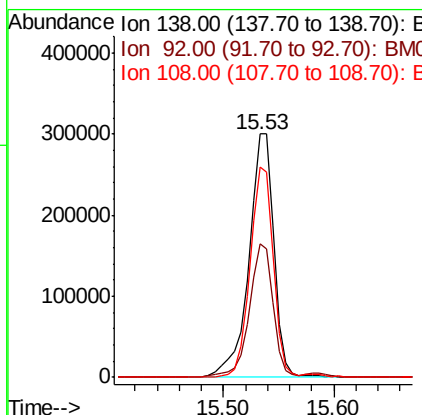
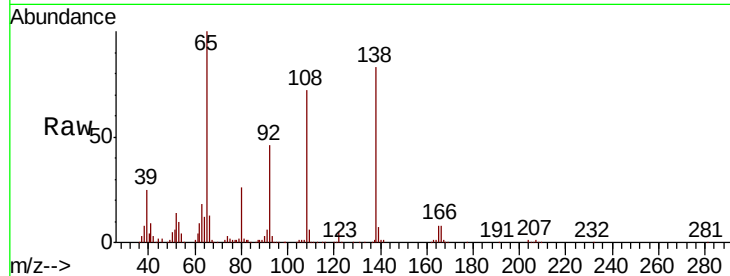




#62
4-Nitroaniline
Concen: 31.444 ng
RT: 15.53 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

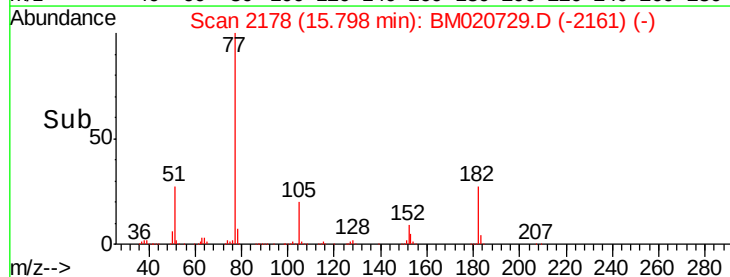
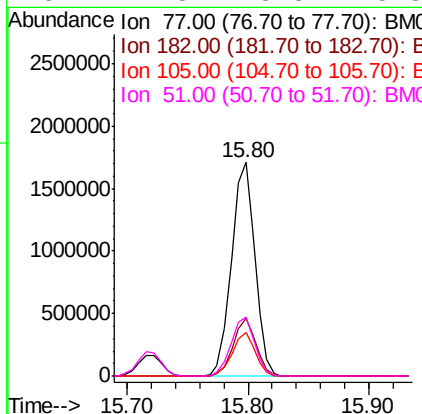
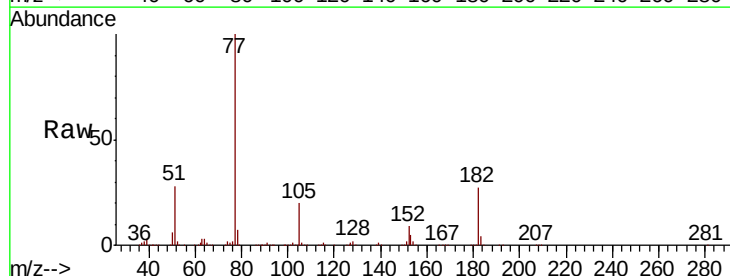
Instrument :
BNA_M
ClientSampleId :
PB120082BSD

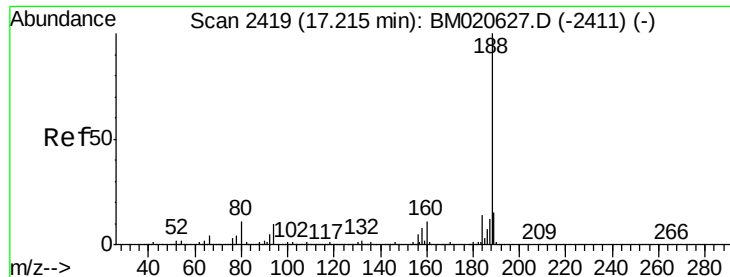
Tot Ion:138 Resp: 479449
Ion Ratio Lower Upper
138 100
92 55.0 33.2 73.2
108 86.5 64.1 104.1



#63
Azobenzene
Concen: 36.727 ng
RT: 15.80 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion: 77 Resp: 2303617
Ion Ratio Lower Upper
77 100
182 27.1 6.3 46.3
105 20.3 0.4 40.4
51 27.8 8.3 48.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

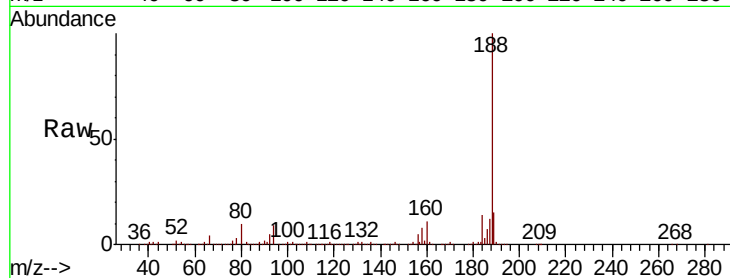
Tot Ion:188 Resp: 1435283

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

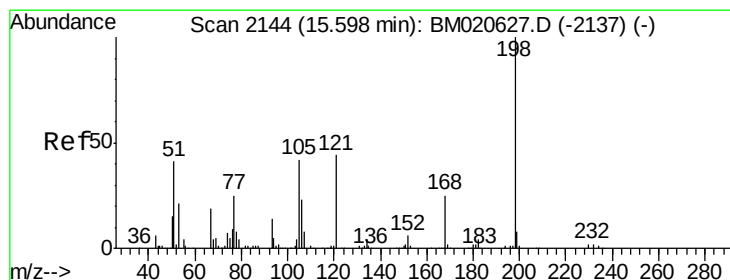
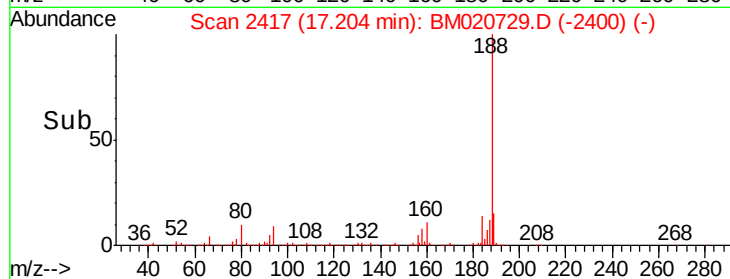
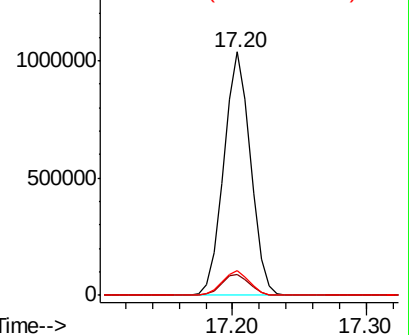
80 10.2 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#65

4,6-Dinitro-2-methylphenol

Concen: 41.941 ng

RT: 15.59 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

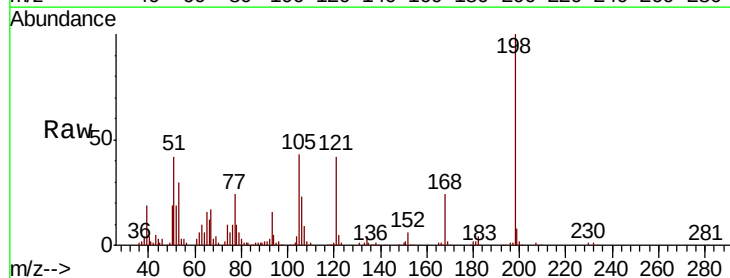
Tgt Ion:198 Resp: 265018

Ion Ratio Lower Upper

198 100

51 41.8 21.6 61.6

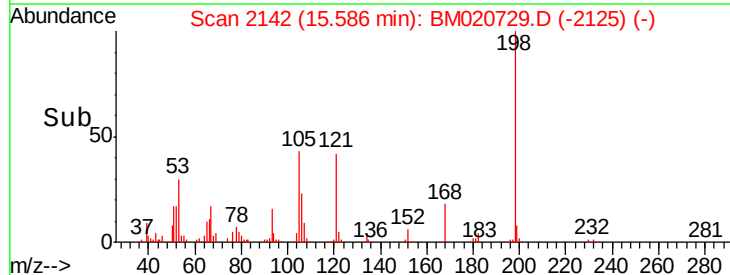
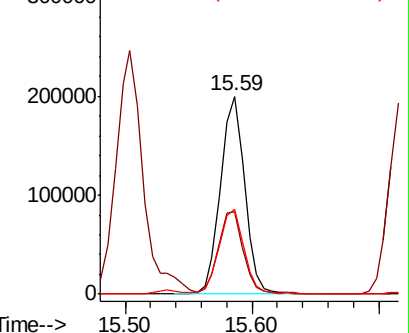
105 42.7 20.6 60.6

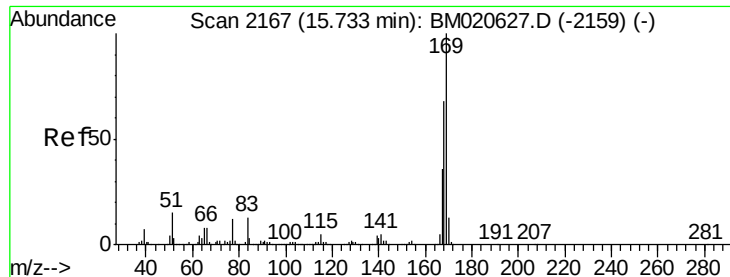


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

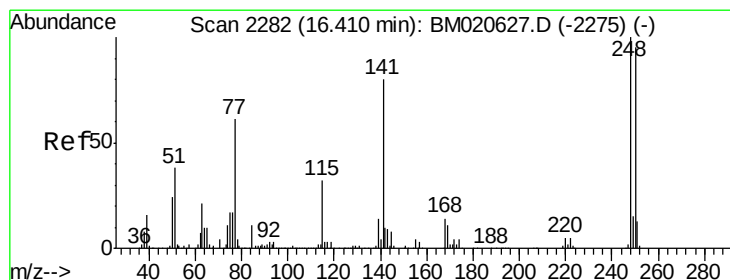
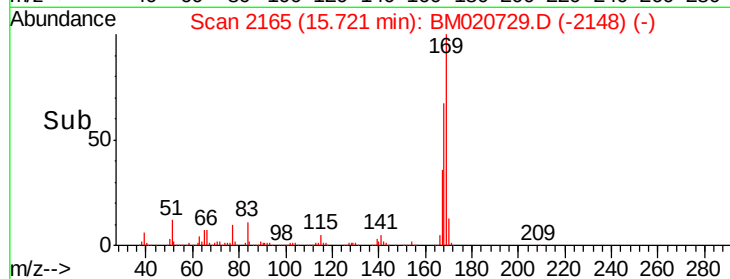
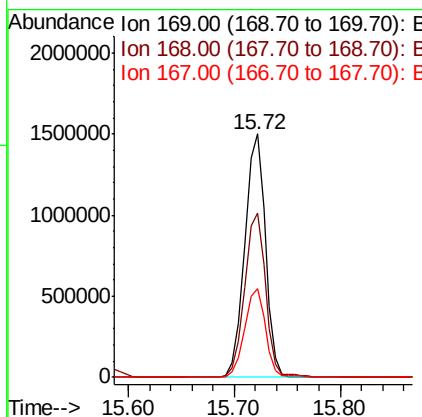
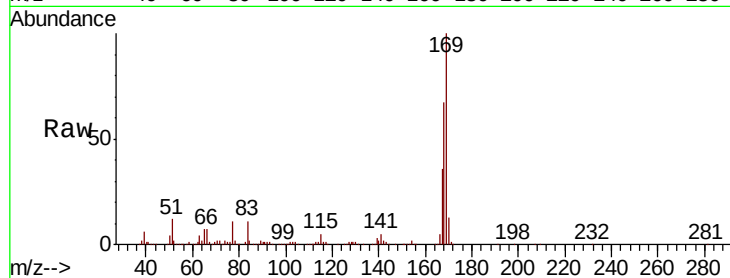




#66
 n-Nitrosodiphenylamine
 Concen: 44.120 ng
 RT: 15.72 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

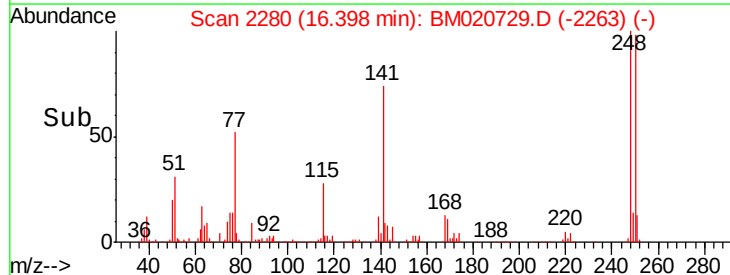
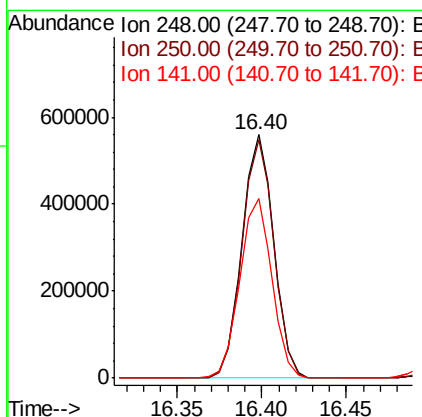
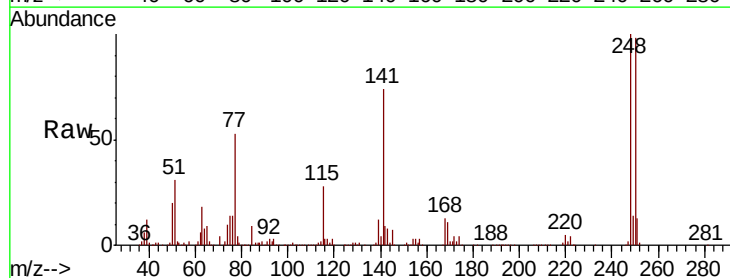
Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

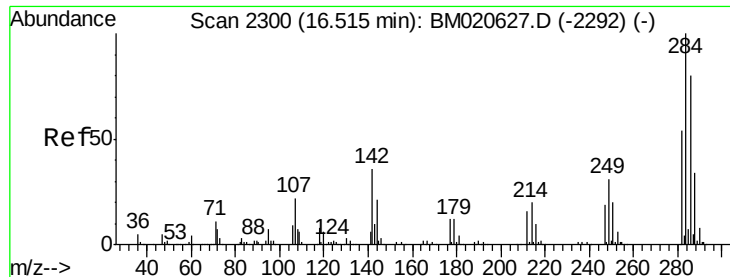
Tot Ion:169 Resp: 2027151
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.7 82.1
 167 36.3 29.3 43.9



#67
 4-Bromophenyl-phenylether
 Concen: 43.551 ng
 RT: 16.40 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion:248 Resp: 735966
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.4 116.2
 141 73.8 58.2 87.2





#68

Hexachlorobenzene

Concen: 42.824 ng

RT: 16.50 min Scan# 2298

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

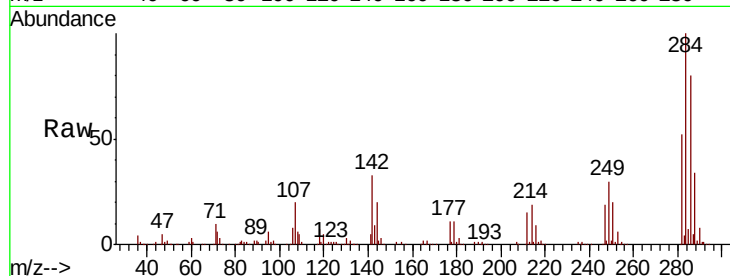
Tot Ion:284 Resp: 845044

Ion Ratio Lower Upper

284 100

142 32.7 25.4 38.0

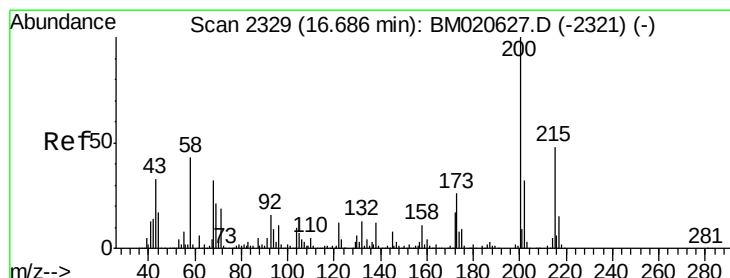
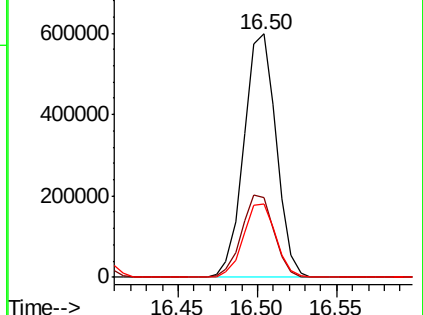
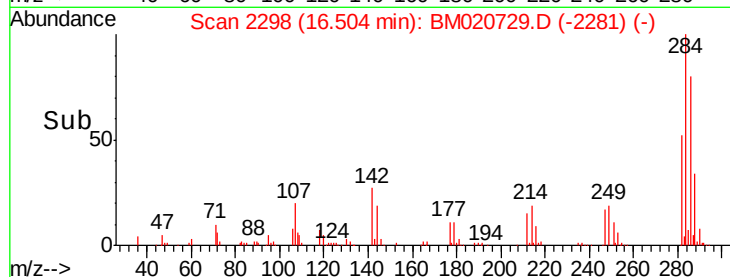
249 29.9 24.9 37.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 43.878 ng

RT: 16.67 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

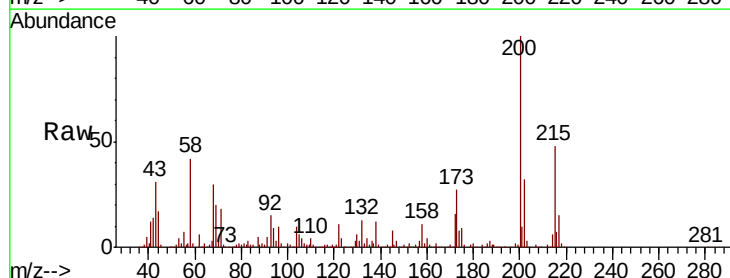
Tgt Ion:200 Resp: 601704

Ion Ratio Lower Upper

200 100

173 26.7 5.7 45.7

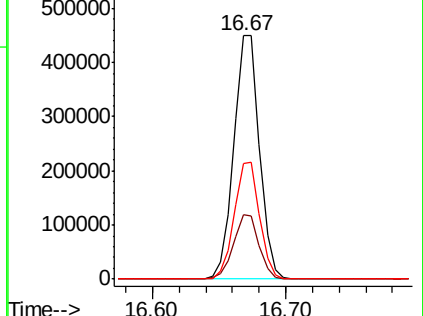
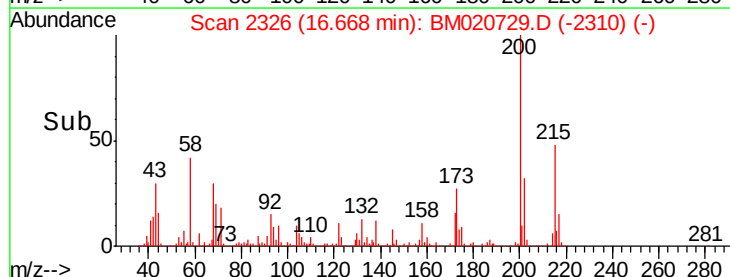
215 47.6 28.2 68.2

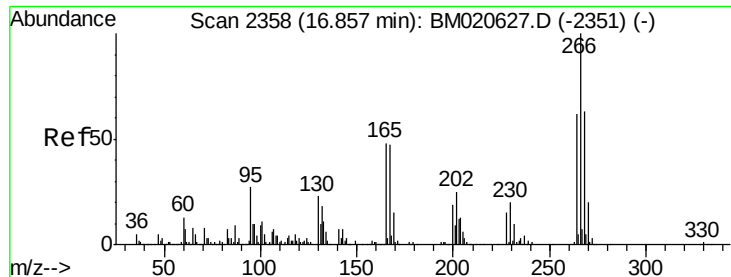


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

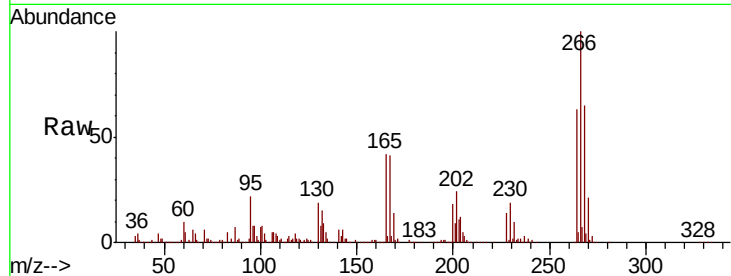




#70
 Pentachlorophenol
 Concen: 97.330 ng
 RT: 16.85 min Scan# 2357
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.0	76.4
264	62.7	49.9	74.9

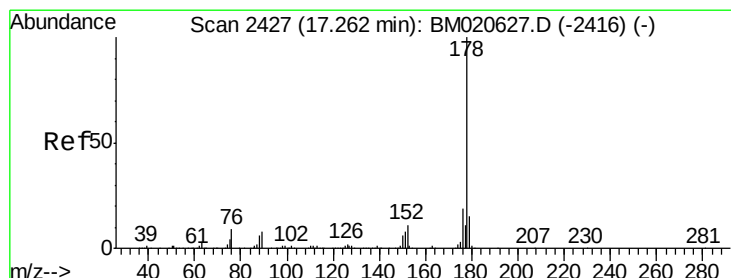
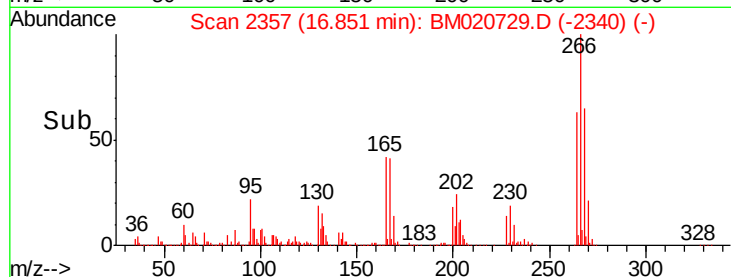
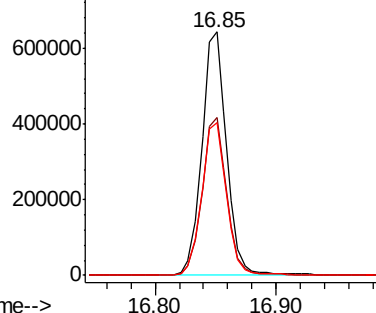


Abundance

Ion 265.70 (265.40 to 266.40): E

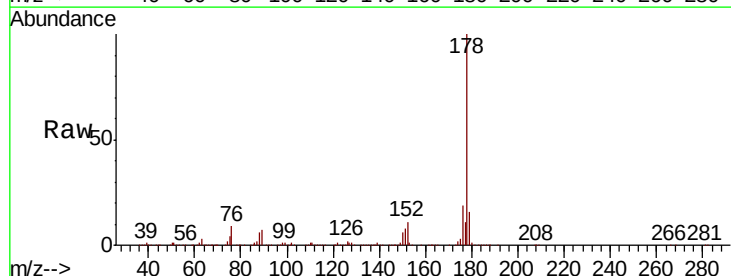
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 41.210 ng
 RT: 17.24 min Scan# 2424
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.7	12.3	18.5

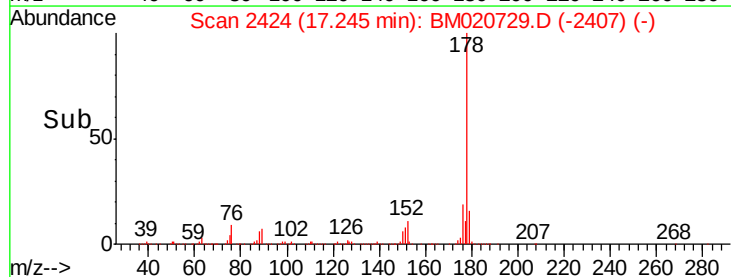
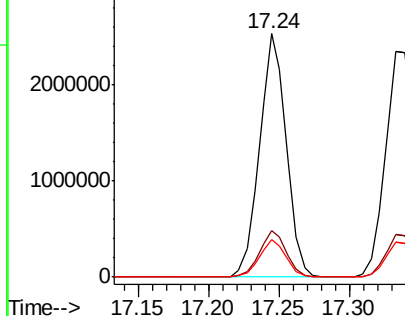


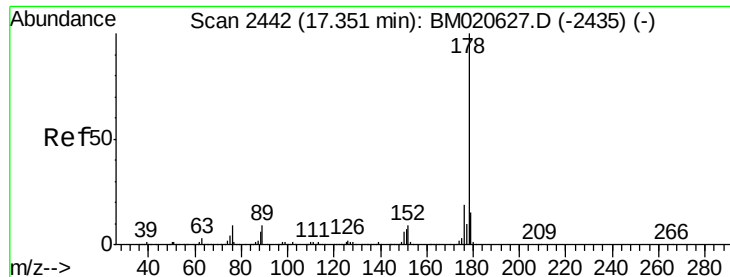
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 41.689 ng

RT: 17.33 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

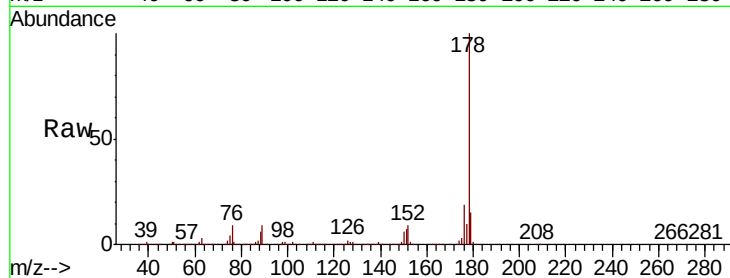
Tot Ion:178 Resp: 3394606

Ion Ratio Lower Upper

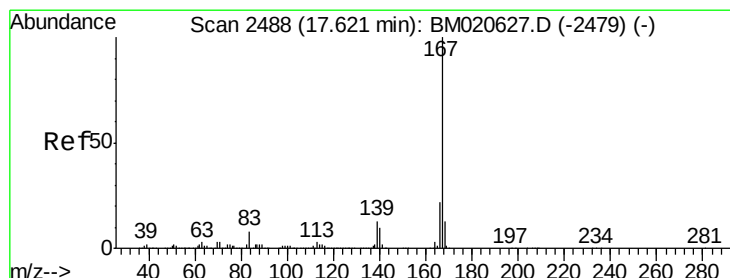
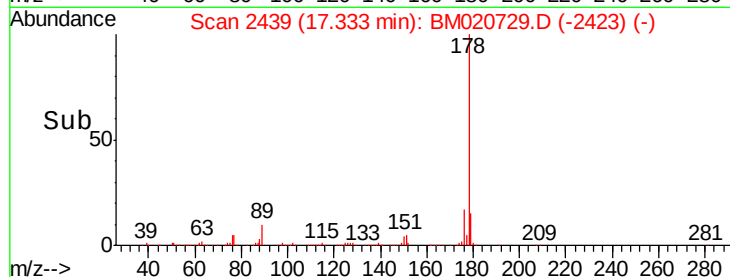
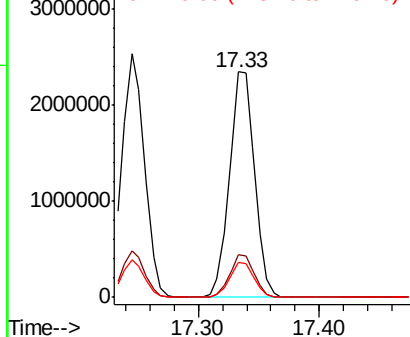
178 100

176 18.8 14.8 22.2

179 15.5 11.9 17.9



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: 38.691 ng

RT: 17.61 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

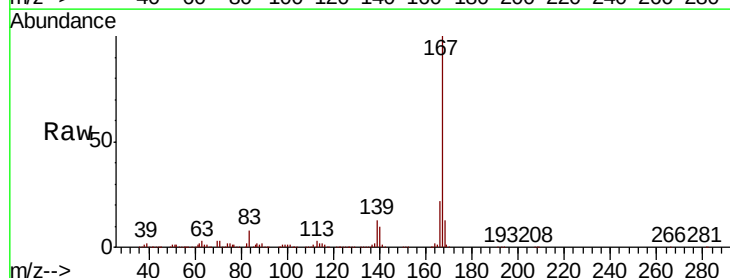
Tgt Ion:167 Resp: 2859009

Ion Ratio Lower Upper

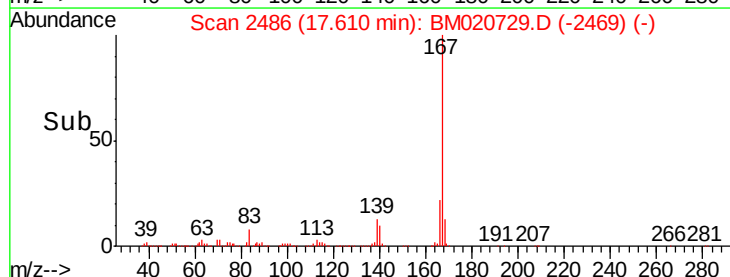
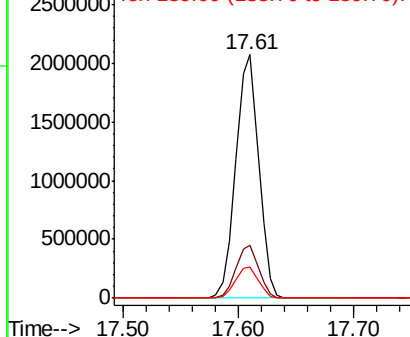
167 100

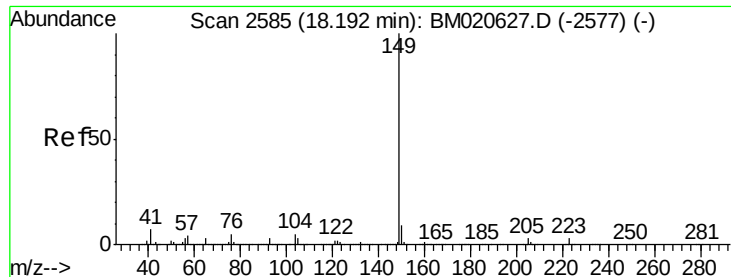
166 21.9 17.2 25.8

139 12.7 10.2 15.4



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

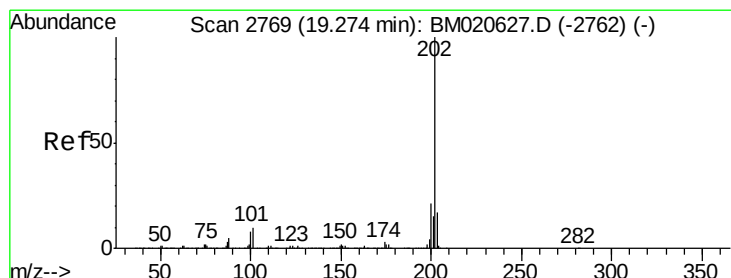
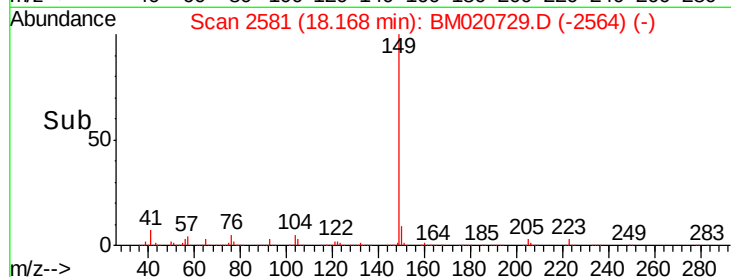
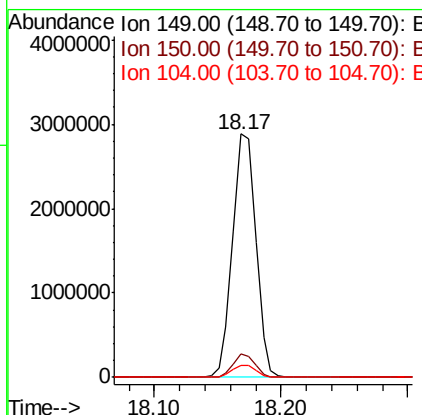
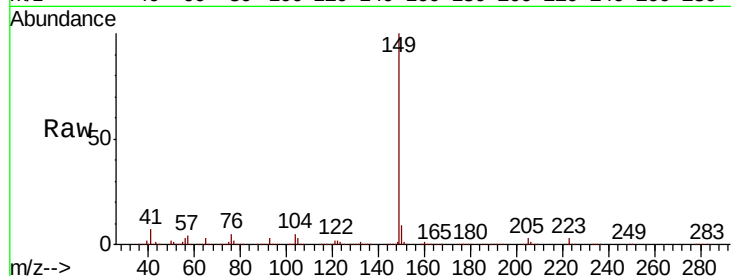




#74
Di-n-butylphthalate
Concen: 38.104 ng
RT: 18.17 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

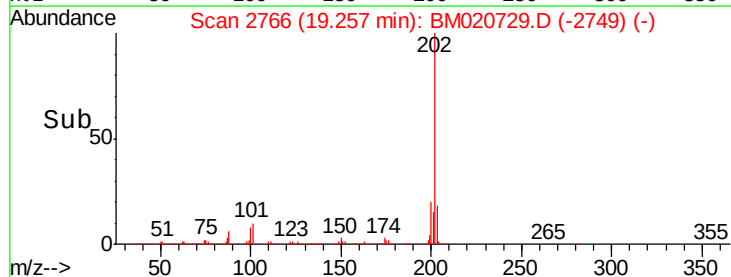
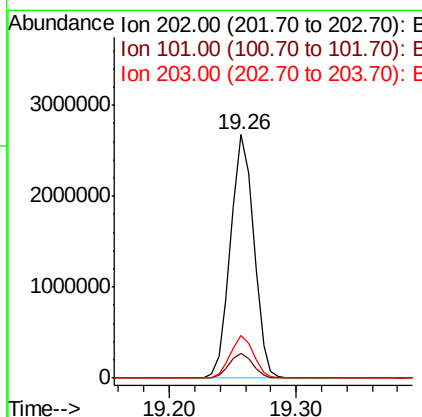
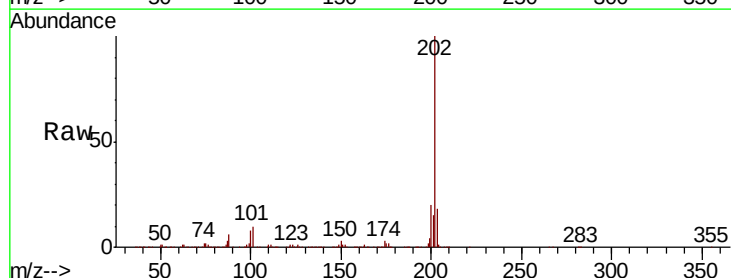
Instrument :
BNA_M
ClientSampleId :
PB120082BSD

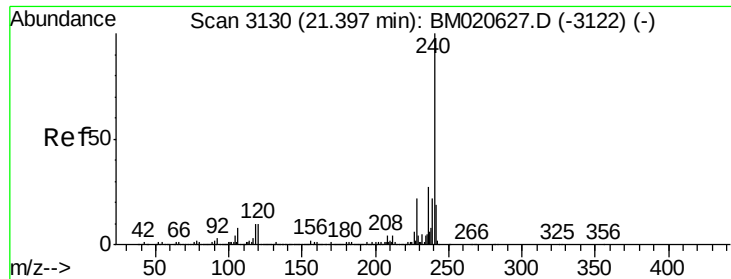
Tot Ion:149 Resp: 3655058
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.2 4.1 6.1



#75
Fluoranthene
Concen: 37.519 ng
RT: 19.26 min Scan# 2766
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion:202 Resp: 3394497
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.5
203 17.6 0.0 37.5

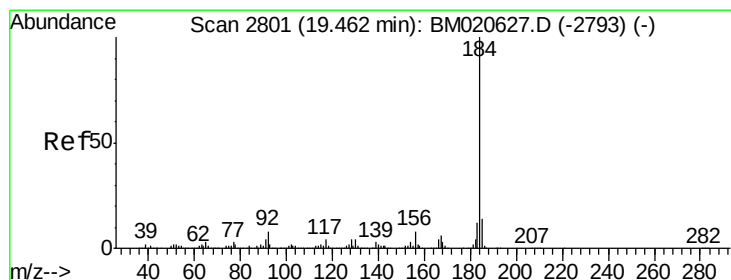
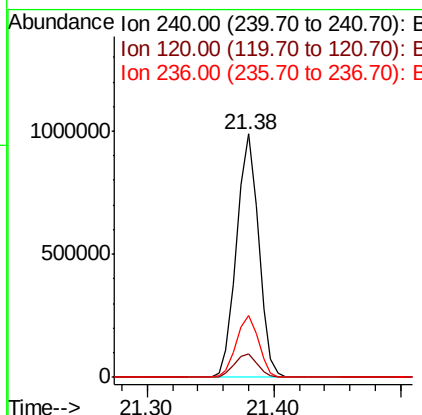
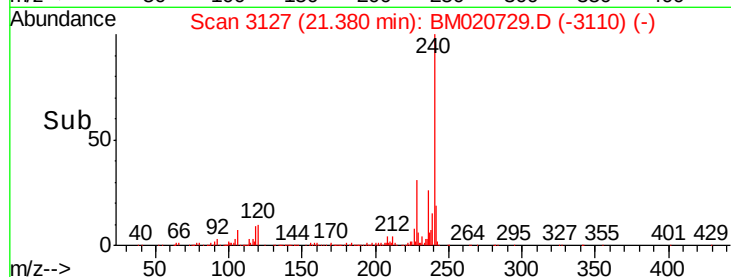
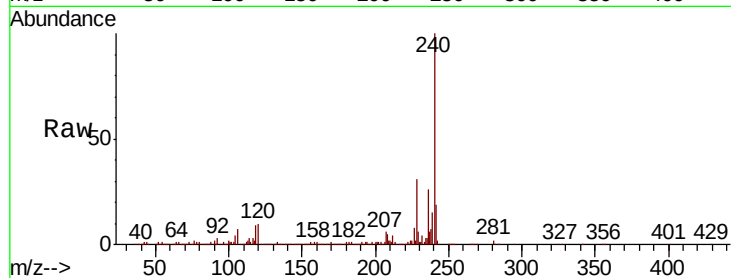




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.38 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

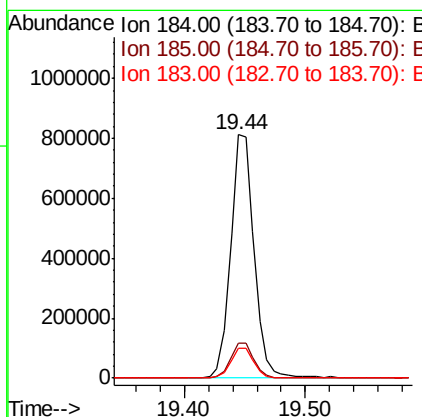
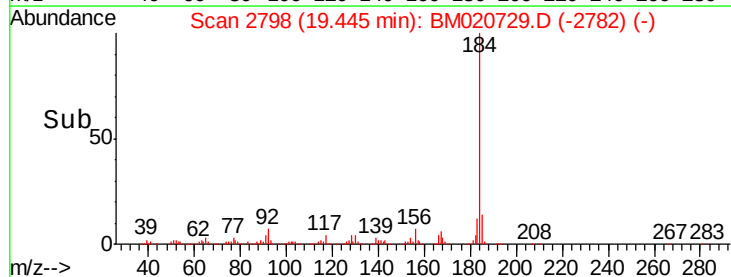
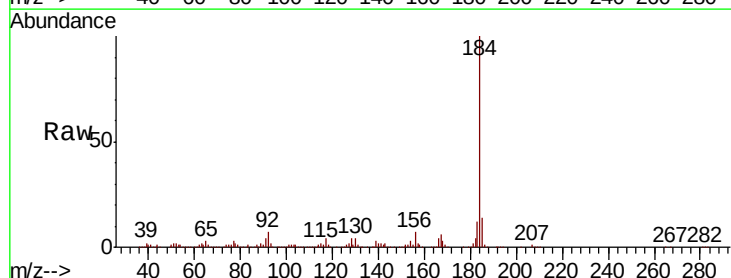
Instrument :
BNA_M
ClientSampleId :
PB120082BSD

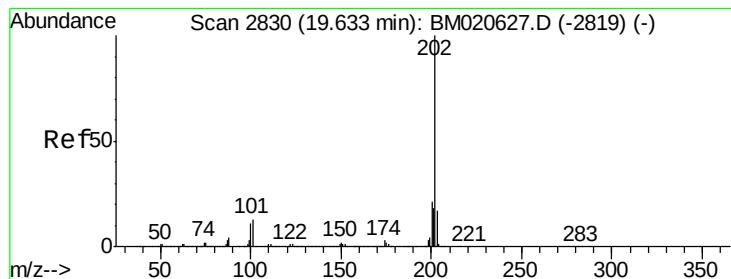
Tot Ion:240 Resp: 1187030
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.7 21.1 31.7



#77
Benzidine
Concen: 30.654 ng
RT: 19.44 min Scan# 2798
Delta R.T. -0.01 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion:184 Resp: 1102554
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 12.0 9.8 14.8





#78

Pvrene

Concen: 37.343 ng

RT: 19.62 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

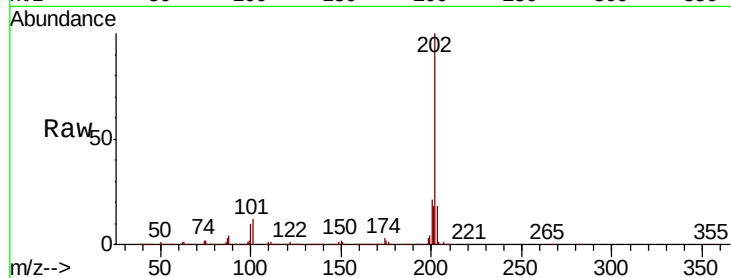
Tot Ion:202 Resp: 3401572

Ion Ratio Lower Upper

202 100

200 20.9 16.4 24.6

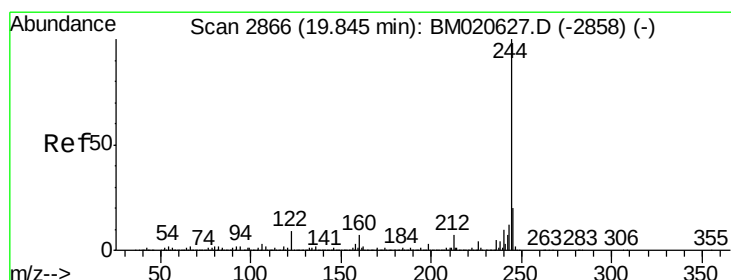
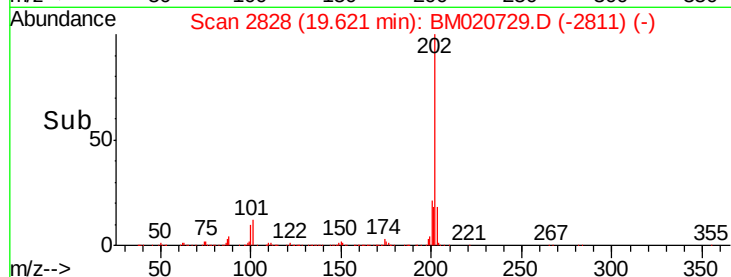
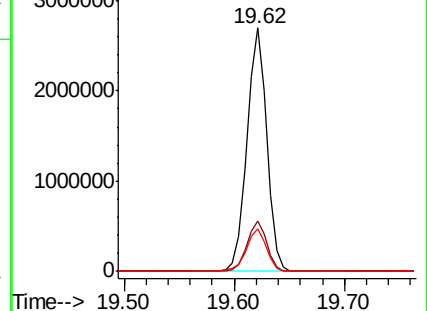
203 17.5 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 68.870 ng

RT: 19.83 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

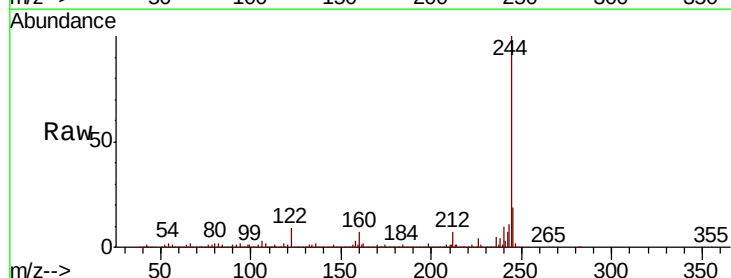
Tgt Ion:244 Resp: 4887492

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

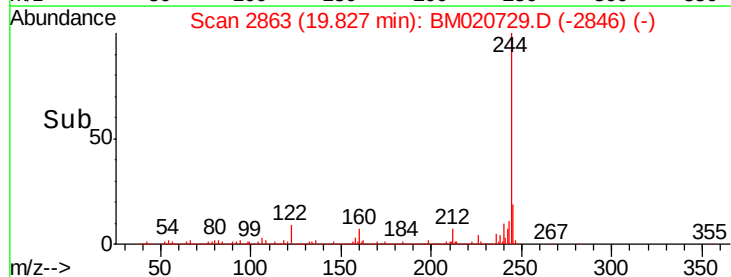
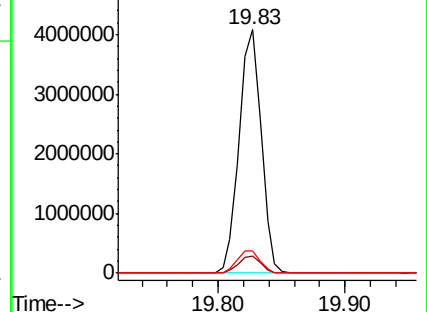
122 9.1 7.4 11.0

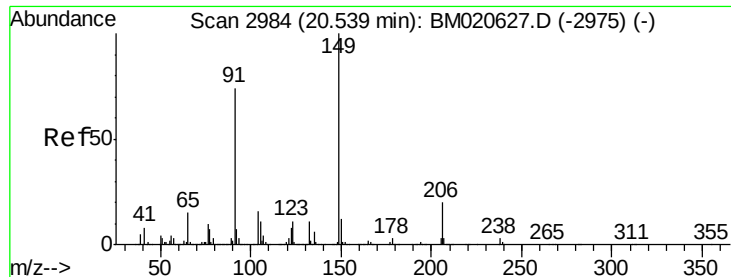


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

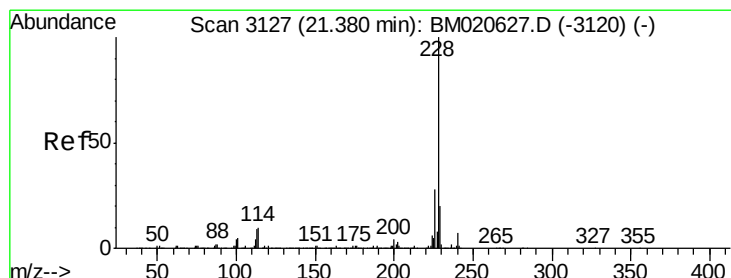
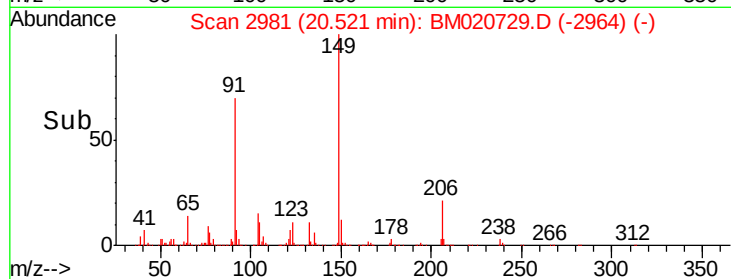
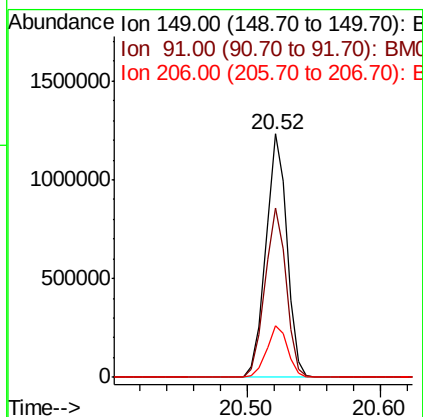
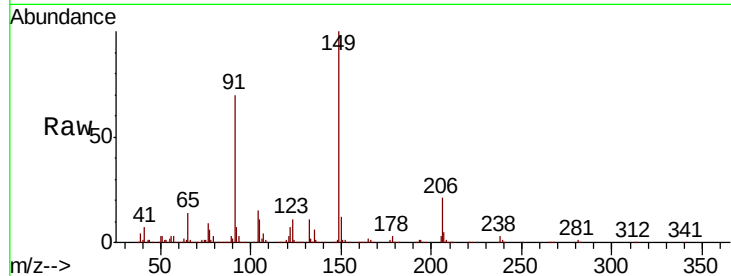




#80
Butylbenzylphthalate
Concen: 35.014 ng
RT: 20.52 min Scan# 2981
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

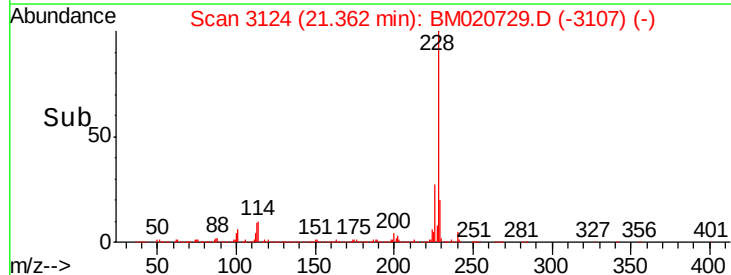
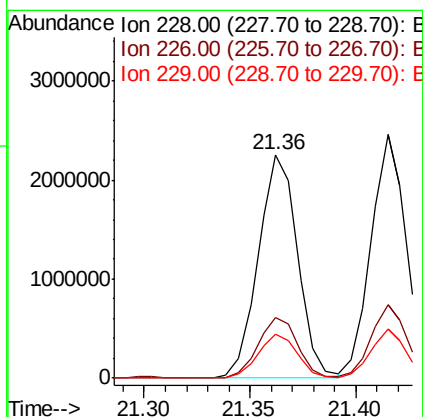
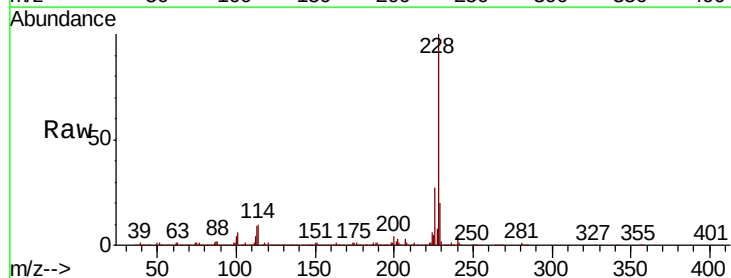
Instrument :
BNA_M
ClientSampleId :
PB120082BSD

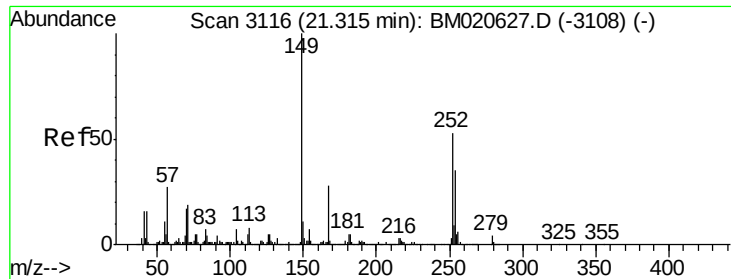
Tot Ion:149 Resp: 1347884
Ion Ratio Lower Upper
149 100
91 69.8 57.1 85.7
206 21.0 16.3 24.5



#81
Benzo(a)anthracene
Concen: 35.307 ng
RT: 21.36 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion:228 Resp: 2918549
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.5 15.9 23.9

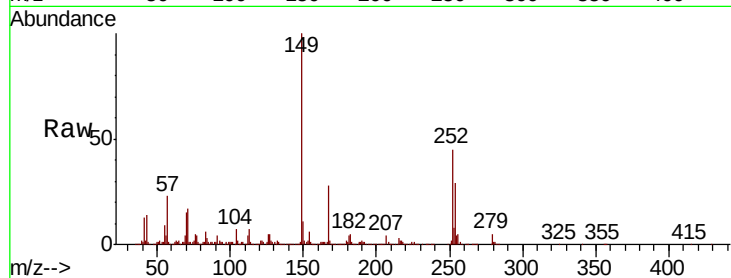




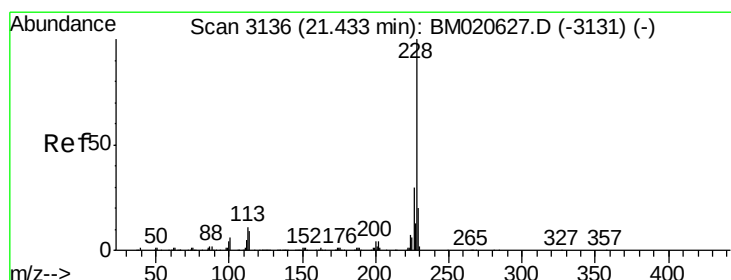
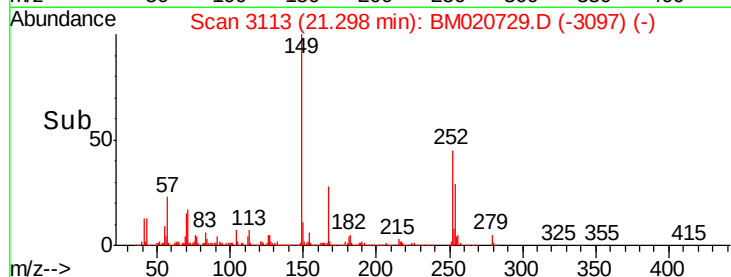
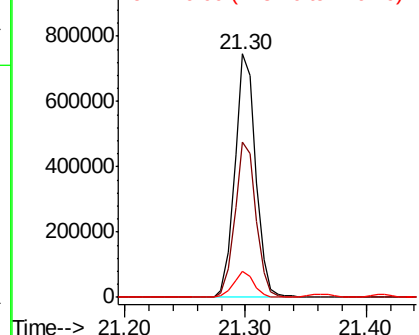
#82
 3,3'-Dichlorobenzidine
 Concen: 29.644 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tot Ion:252 Resp: 897341
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.7 77.5
 126 10.5 7.8 11.8

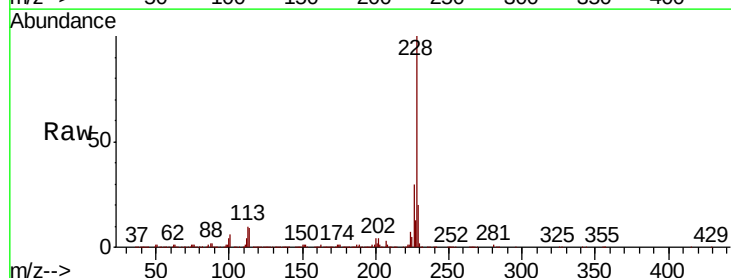


Abundance Ion 252.00 (251.70 to 252.70): E
 1000000 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

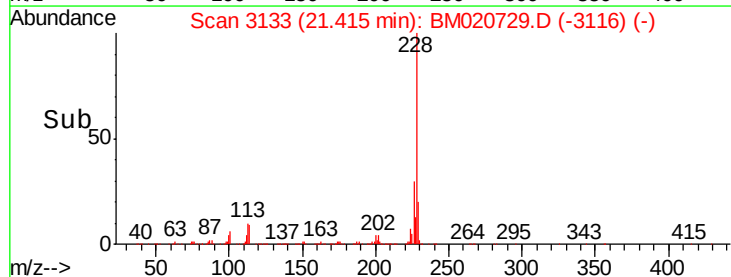
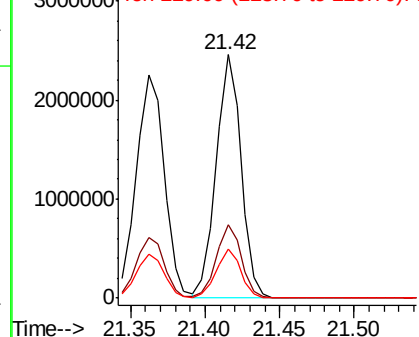


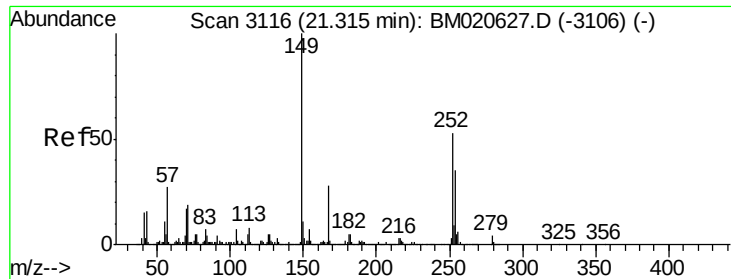
#83
 Chrysene
 Concen: 36.509 ng
 RT: 21.42 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion:228 Resp: 2868765
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.2 36.2
 229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 3000000 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 33.725 ng

RT: 21.30 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

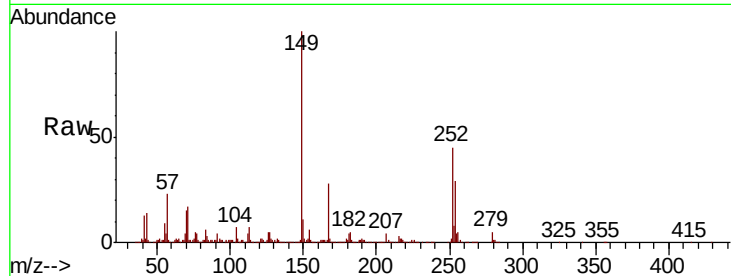
BNA_M

ClientSampleId :

PB120082BSD

Tot Ion:149 Resp: 1886833

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.2
279	5.1	4.0	6.0

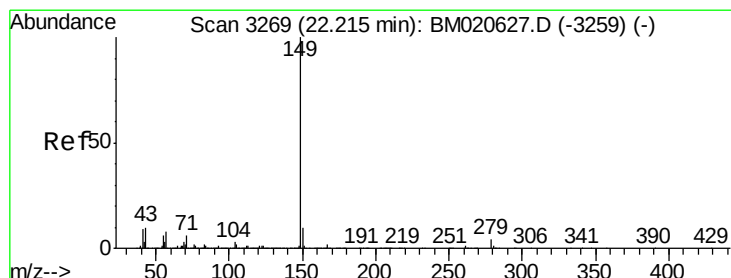
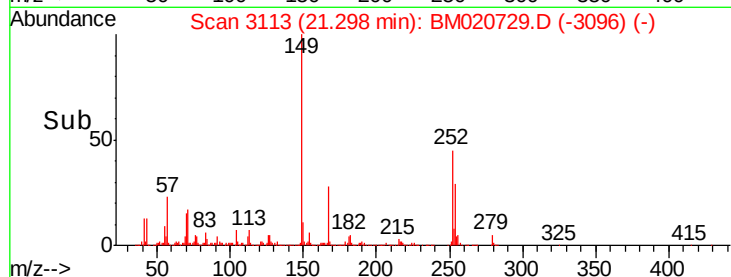
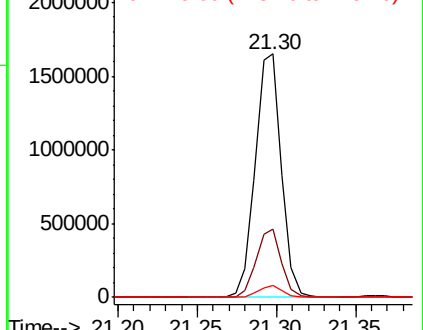


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 33.052 ng

RT: 22.19 min Scan# 3265

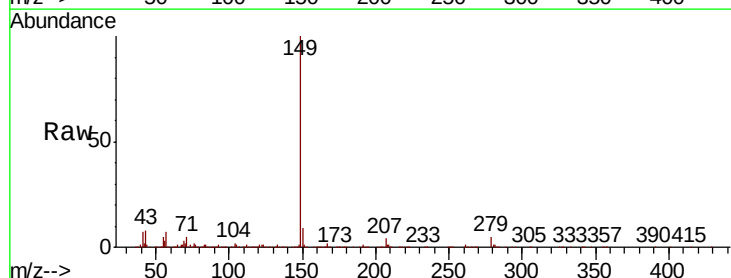
Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Tgt Ion:149 Resp: 2935854

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	7.4	11.2

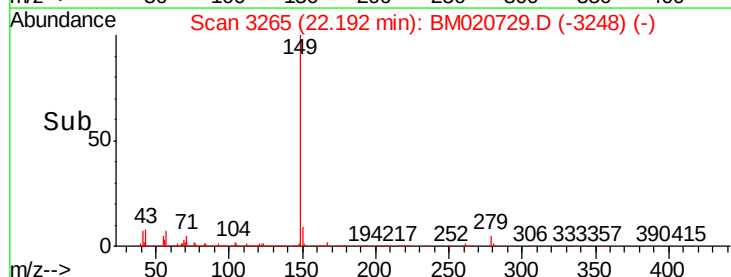
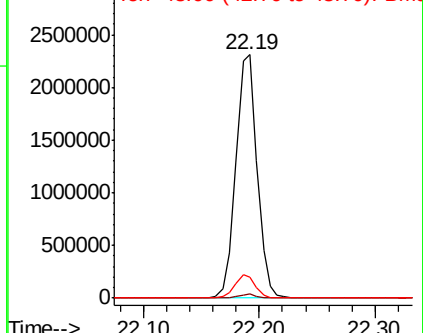


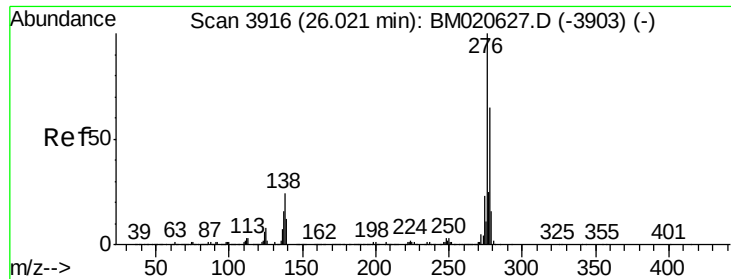
Abundance

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): BM0



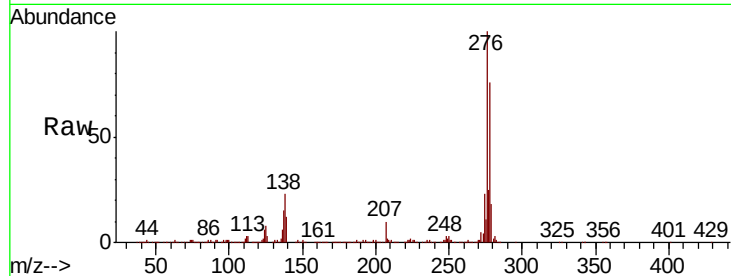


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 44.999 ng
 RT: 25.99 min Scan# 3910
 Delta R.T. -0.01 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

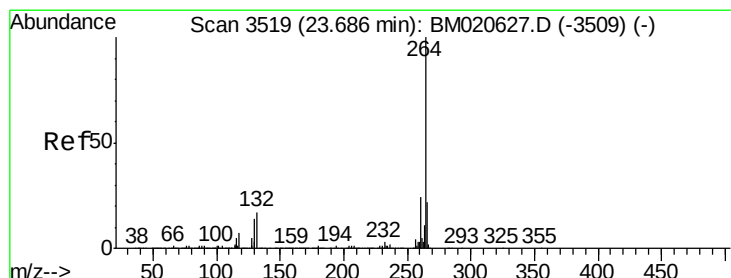
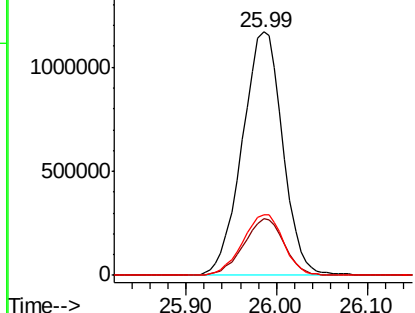
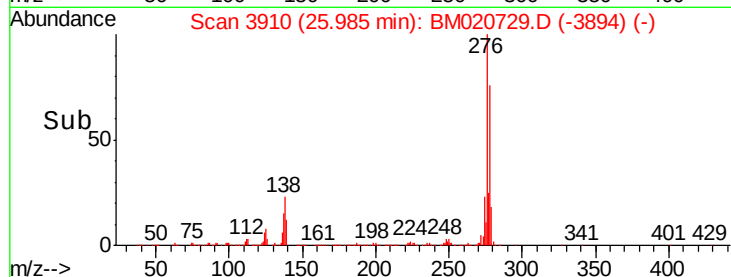
Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tot Ion:276 Resp: 3617337

Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.8	28.2
277	25.3	20.5	30.7



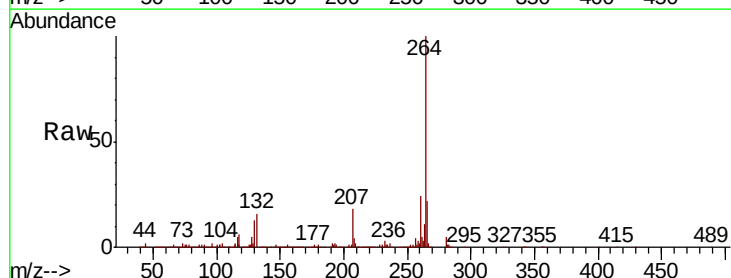
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



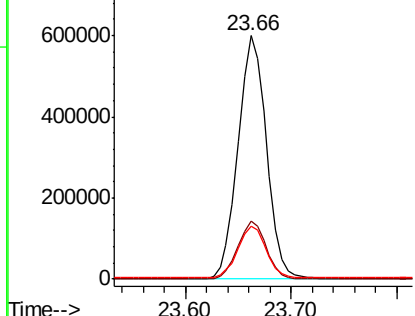
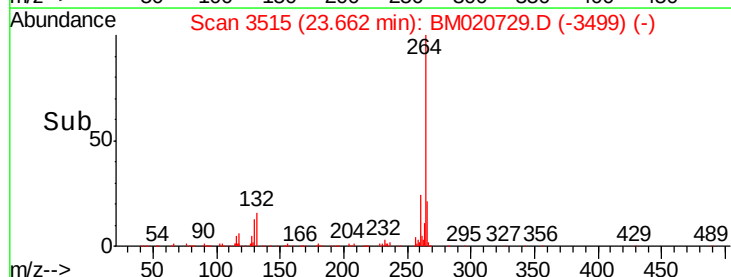
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.66 min Scan# 3515
 Delta R.T. -0.01 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

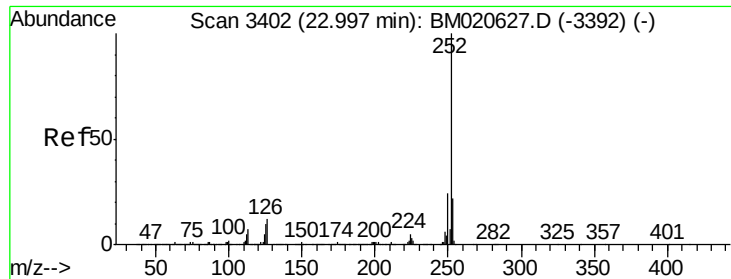
Tgt Ion:264 Resp: 1120590

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.7	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

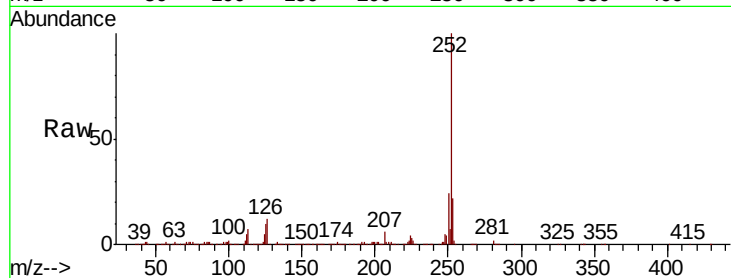




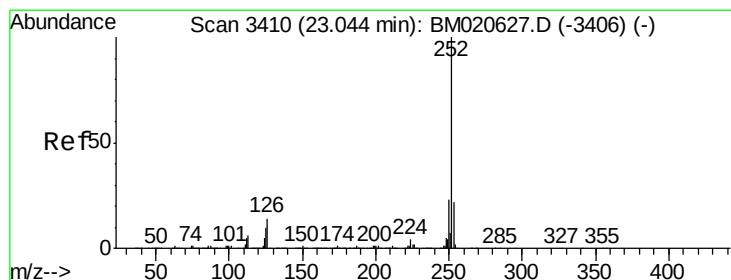
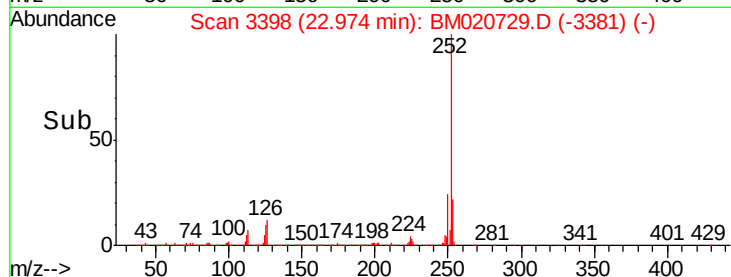
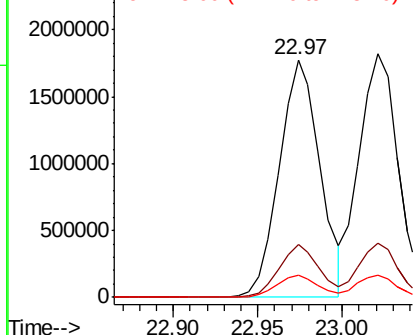
#88
Benzo(b)fluoranthene
Concen: 40.163 ng
RT: 22.97 min Scan# 3398
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion:252 Resp: 2974652
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 9.6 7.6 11.4

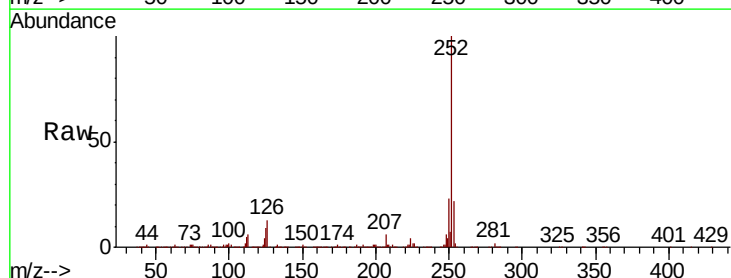


Abundance Ion 252.00 (251.70 to 252.70): E
2500000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

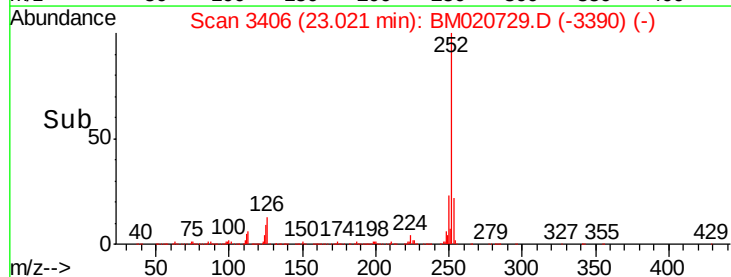
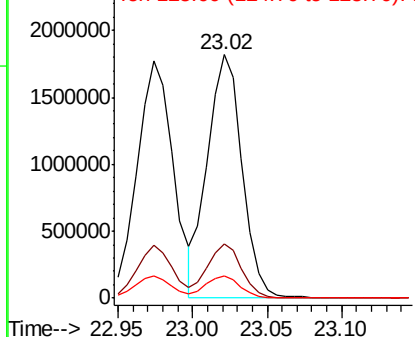


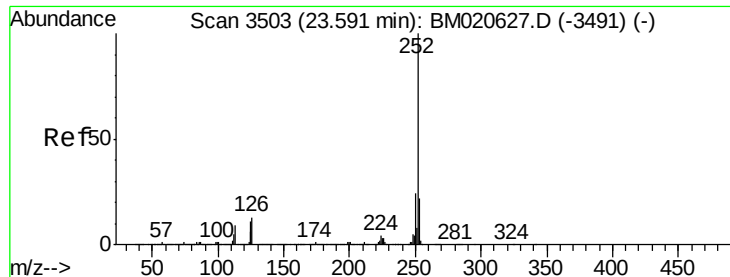
#89
Benzo(k)fluoranthene
Concen: 40.547 ng
RT: 23.02 min Scan# 3406
Delta R.T. -0.01 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion:252 Resp: 2934772
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.1 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E
2500000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 43.289 ng

RT: 23.56 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

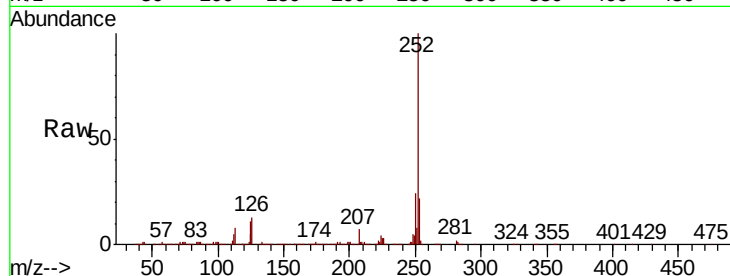
Tot Ion:252 Resp: 2908131

Ion Ratio Lower Upper

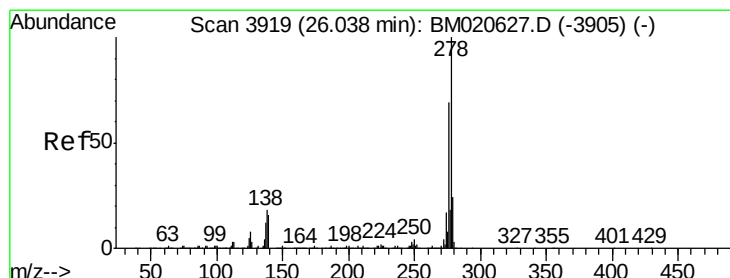
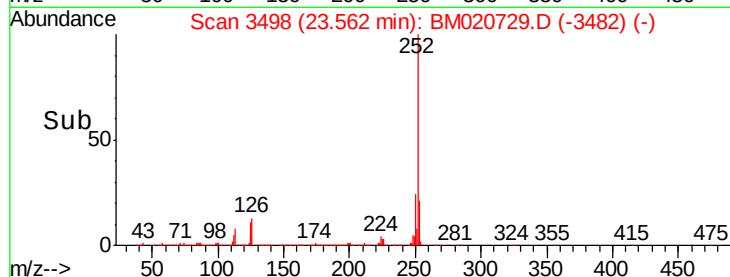
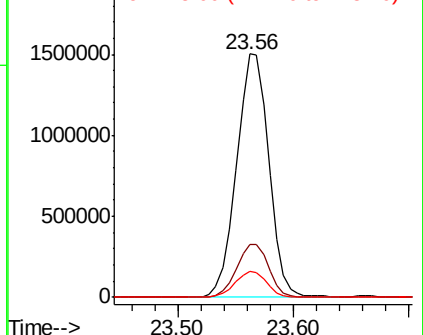
252 100

253 21.5 17.3 25.9

125 10.7 8.2 12.2



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: 46.855 ng

RT: 26.00 min Scan# 3912

Delta R.T. -0.01 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

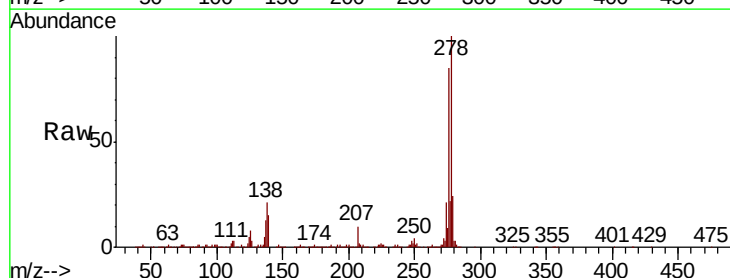
Tgt Ion:278 Resp: 3053850

Ion Ratio Lower Upper

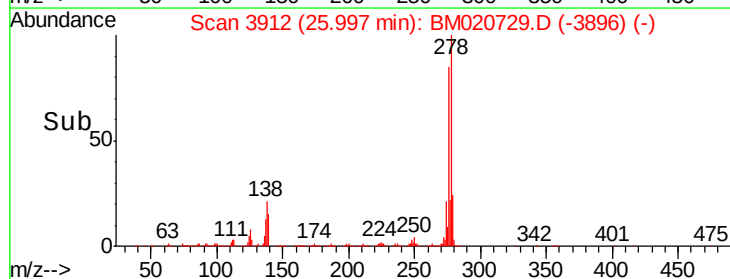
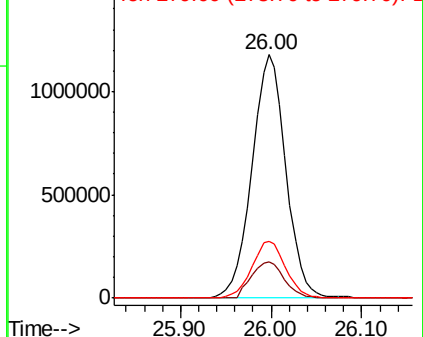
278 100

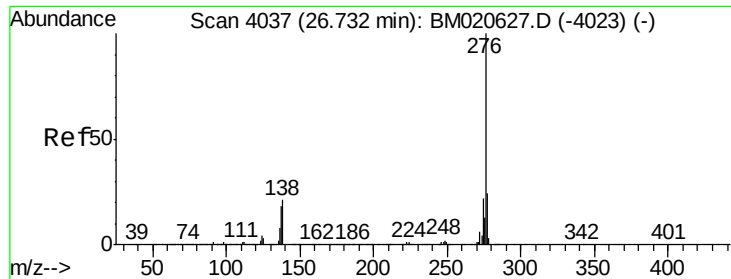
139 14.6 11.8 17.6

279 23.5 18.3 27.5



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(a,h,i)perylene
 Concen: 48.844 ng
 RT: 26.69 min Scan# 4030
 Delta R.T. -0.01 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tot Ion:276 Resp: 2956940
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.3 28.9
 138 19.9 16.2 24.4

